

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093373.D
 Acq On : 3 Mar 2017 21:56
 Operator : SJ/MA
 Sample : I2086-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Manual Integrations
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 3/6/2017 4:23:30 PM

Quant Time: Mar 03 23:09:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:55:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	197439	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	797734	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	369989	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	659347	20.00	ng	0.00
75) Chrysene-d12	13.95	240	500275	20.00	ng	0.00
86) Perylene-d12	15.36	264	364294	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	725471	63.04	ng	0.00
7) Phenol-d6	6.43	99	591703	39.96	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1315028	91.80	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	377089	140.92	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1794888	87.89	ng	0.00
78) Terphenyl-d14	12.89	244	1467889	68.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	95828	15.41	ng	# 85
3) Pyridine	3.07	79	201800	12.76	ng	# 86
4) n-Nitrosodimethylamine	3.00	42	125264	16.87	ng	# 88
6) Aniline	6.44	93	424435	21.01	ng	# 67
8) 2-Chlorophenol	6.57	128	440269	34.68	ng	86
9) Benzaldehyde	6.33	77	160115	15.09	ng	84
10) Phenol	6.45	94	254566	14.69	ng	# 76
11) bis(2-Chloroethyl)ether	6.52	93	571346	41.32	ng	96
12) 1,3-Dichlorobenzene	6.72	146	519741	34.95	ng	# 89
13) 1,4-Dichlorobenzene	6.80	146	534316	35.50	ng	99
14) 1,2-Dichlorobenzene	6.96	146	515258	35.80	ng	97
15) Benzyl Alcohol	6.94	79	279808	25.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	932386	38.81	ng	87
17) 2-Methylphenol	7.06	107	302263	27.75	ng	# 91
18) Hexachloroethane	7.30	117	175961	34.25	ng	# 88
19) n-Nitroso-di-n-propylamine	7.21	70	422807	44.86	ng	93
20) 3+4-Methylphenols	7.22	107	377685	29.00	ng	# 77
22) Acetophenone	7.21	105	807714	44.35	ng	# 96
24) Nitrobenzene	7.38	77	586241	39.85	ng	100
25) Isophorone	7.62	82	1183221	44.33	ng	95
26) 2-Nitrophenol	7.70	139	321780	46.02	ng	95
27) 2,4-Dimethylphenol	7.74	122	474858	38.67	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	776684	43.93	ng	100
29) 2,4-Dichlorophenol	7.95	162	446305	38.97	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	453813	36.77	ng	96
31) Naphthalene	8.10	128	1554599	38.44	ng	98
32) Benzoic acid	7.86	122	80352	16.99	ng	95
33) 4-Chloroaniline	8.16	127	374441	23.61	ng	99
34) Hexachlorobutadiene	8.21	225	231987	34.16	ng	97
35) Caprolactam	8.54	113	24186	6.71	ng	# 51
36) 4-Chloro-3-methylphenol	8.65	107	474972	39.78	ng	94
37) 2-Methylnaphthalene	8.78	142	971684	37.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	469139	45.17	ng	99
40) Hexachlorocyclopentadiene	8.93	237	211592	45.16	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	313973	46.01	nq	91
43) 2,4,5-Trichlorophenol	9.13	196	331551	44.34	nq #	86
45) 1,1'-Biphenyl	9.25	154	1306905	48.78	nq	99
46) 2-Chloronaphthalene	9.28	162	980807	46.80	nq	97
47) 2-Nitroaniline	9.38	65	340052	48.26	nq	92
48) Acenaphthylene	9.69	152	1413156	39.03	nq	99
49) Dimethylphthalate	9.56	163	1330883	53.40	nq	100
50) 2,6-Dinitrotoluene	9.63	165	293053	54.45	nq #	86
51) Acenaphthene	9.86	154	873667	40.36	nq	96
52) 3-Nitroaniline	9.79	138	148586	24.12	nq	91
53) 2,4-Dinitrophenol	9.92	184	260361	94.20	nq #	76
54) Dibenzofuran	10.03	168	1216663	42.02	nq	96
55) 4-Nitrophenol	9.98	139	86761	19.56	nq	89
56) 2,4-Dinitrotoluene	10.03	165	288362	40.24	nq #	71
57) Fluorene	10.37	166	980753	44.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	255539	51.23	nq	95
59) Diethylphthalate	10.25	149	1070959	45.60	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	446016	41.68	nq	92
61) 4-Nitroaniline	10.41	138	237971	37.72	nq	94
62) Azobenzene	10.52	77	1255398	51.74	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	174894	43.82	nq	91
65) n-Nitrosodiphenylamine	10.49	169	860108	40.84	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	300031	43.55	nq	92
67) Hexachlorobenzene	10.92	284	276126	40.56	nq #	88
68) Atrazine	11.01	200	292417	43.26	nq	98
69) Pentachlorophenol	11.13	266	241348	69.70	nq	98
70) Phenanthrene	11.33	178	1433591	37.95	nq	99
71) Anthracene	11.39	178	1646635	43.41	nq	98
72) Carbazole	11.55	167	1485288	40.96	nq	98
73) Di-n-butylphthalate	11.87	149	1870954	47.71	nq #	97
74) Fluoranthene	12.52	202	1601908	41.11	nq	96
76) Benzidine	12.65	184	470150	22.05	nq	96
77) Pyrene	12.75	202	1568319	41.89	nq	99
79) Butylbenzylphthalate	13.36	149	737312	48.50	nq	95
80) Benzo(a)anthracene	13.94	228	1225162	40.04	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	288779	26.48	nq	98
82) Chrysene	13.97	228	1086437	37.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	926725	44.57	nq	98
84) Di-n-octyl phthalate	14.52	149	1479932	43.71	nq	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	879130	39.62	nq #	94
87) Benzo(b)fluoranthene	14.96	252	1254852m	52.33	nq	
88) Benzo(k)fluoranthene	14.99	252	672550m	32.49	nq	
89) Benzo(a)pyrene	15.30	252	894302	43.12	nq #	95
90) Dibenzo(a,h)anthracene	16.74	278	738046	44.03	nq #	93
91) Benzo(g,h,i)perylene	17.15	276	779777	46.05	nq #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

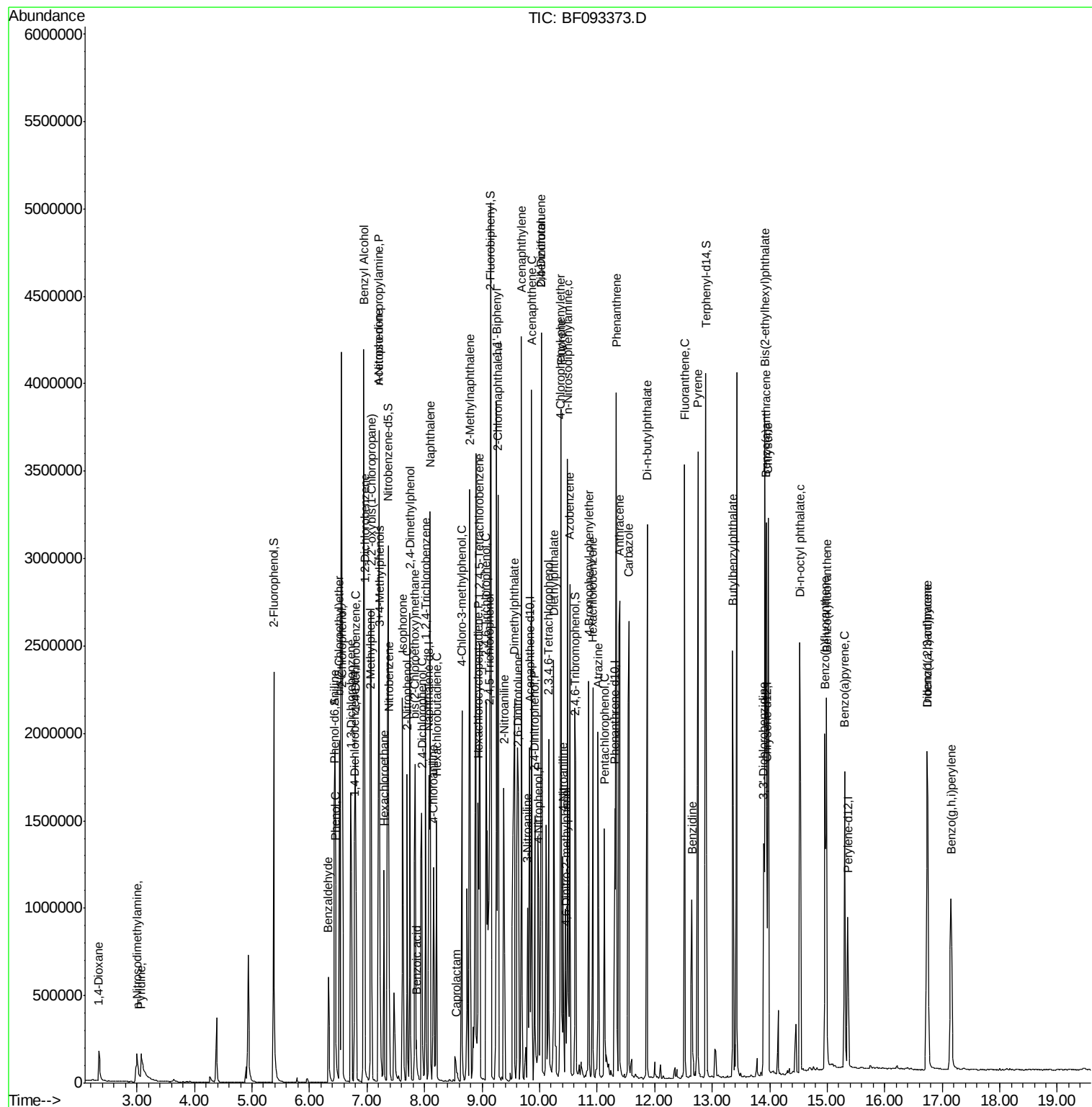
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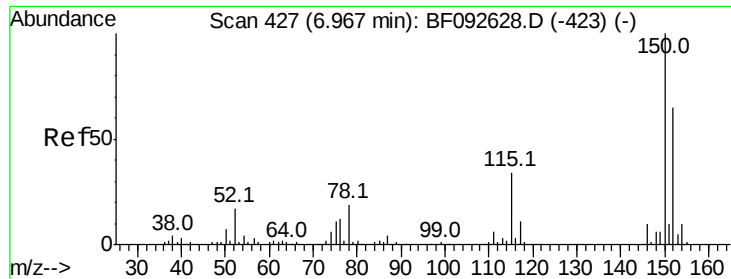
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

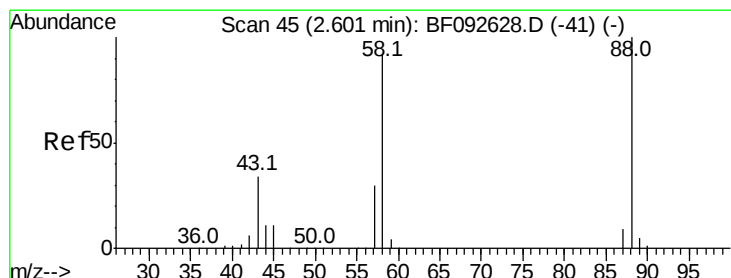
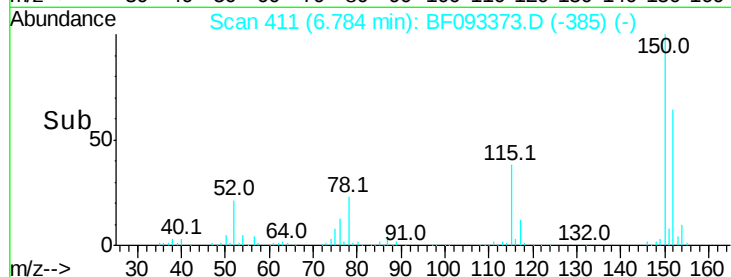
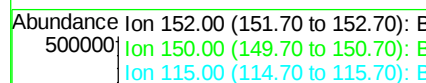
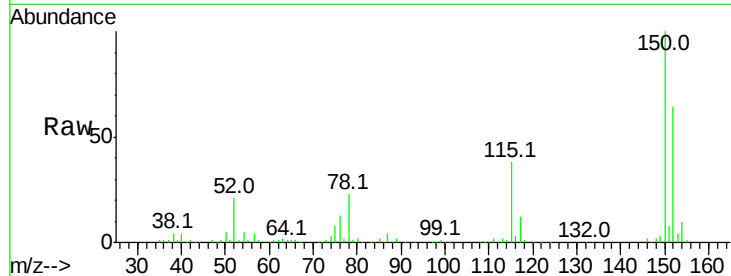
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	152	Resp:	197439
Ion Ratio	Lower	Upper	
152	100		
150	156.4	124.9	187.3
115	59.5	46.0	69.0

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#2

1,4-Dioxane

Concen: 15.41 ng

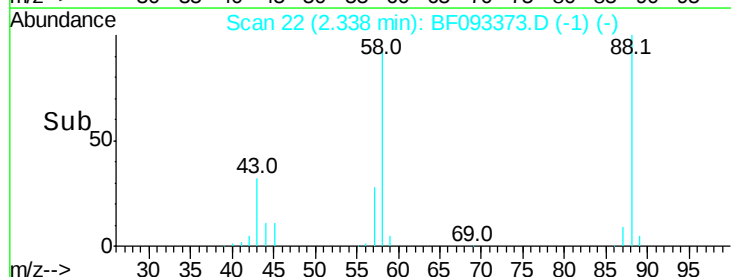
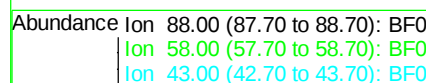
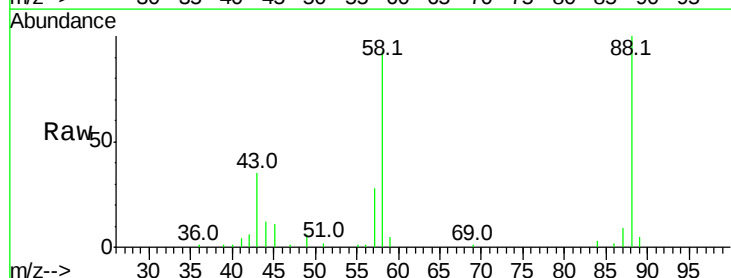
RT: 2.34 min Scan# 22

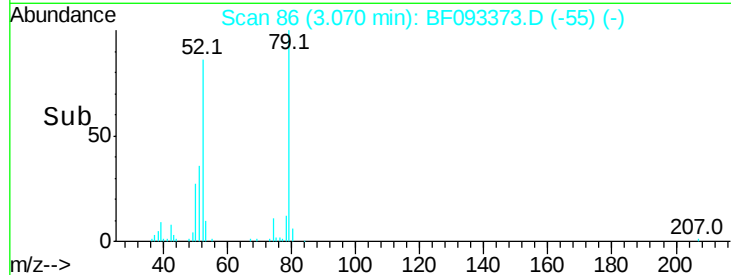
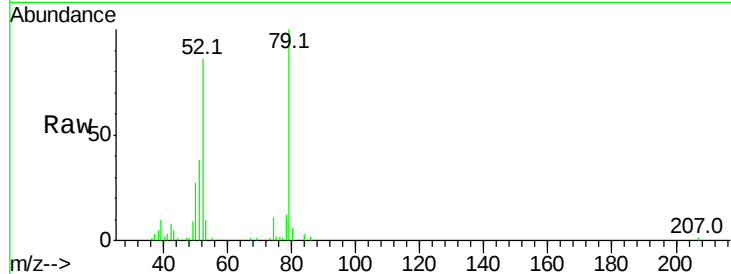
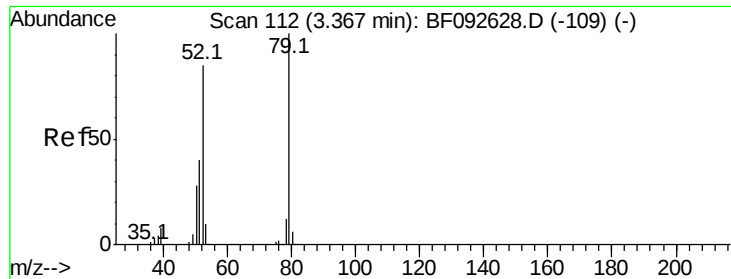
Delta R.T. 0.03 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	88	Resp:	95828
Ion Ratio	Lower	Upper	
88	100		
58	85.8	57.8	86.8
43	33.7	22.3	33.5#





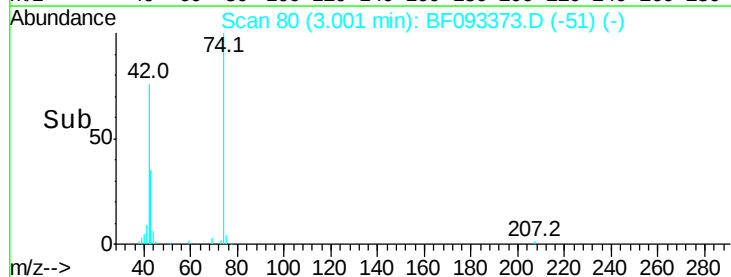
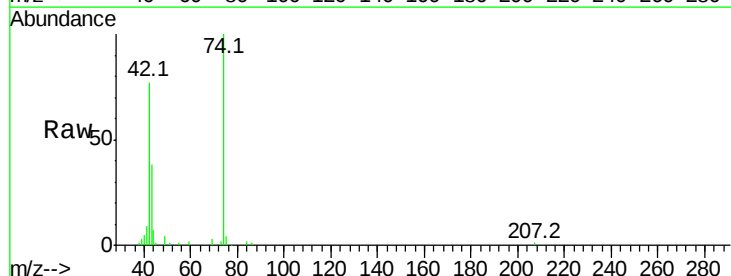
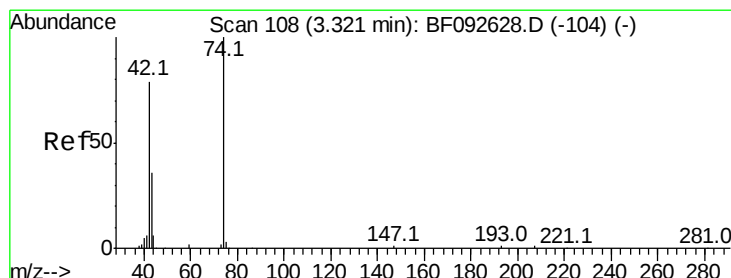
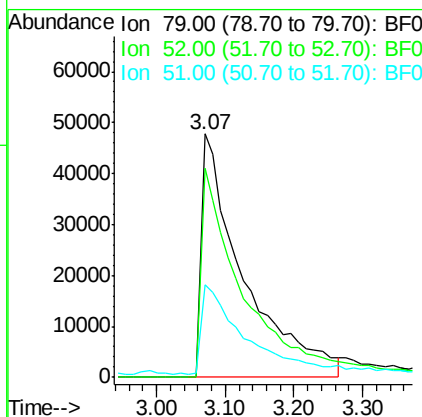
#3
 Pvridine
 Concen: 12.76 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.06 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		201800		
52	86.0	57.1		85.7#	
51	37.8	27.3		40.9	

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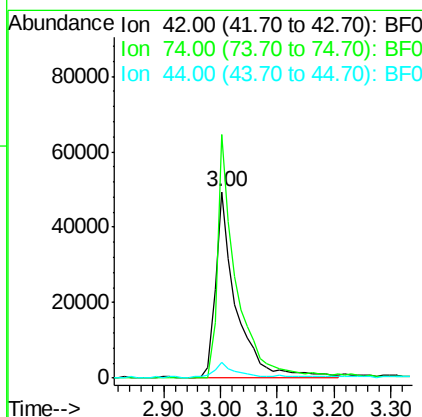
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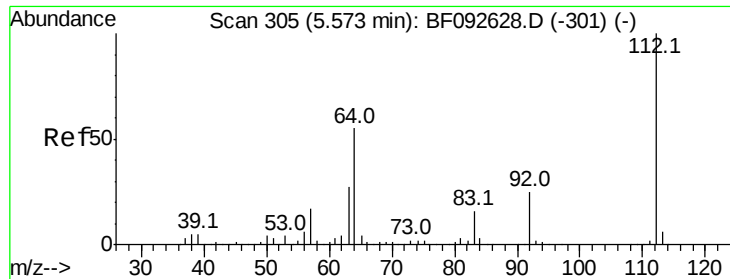
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#4
 n-Nitrosodimethylamine
 Concen: 16.87 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.03 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		125264		
74	130.5	117.0		175.4	
44	8.6	5.5		8.3#	





#5

2-Fluorophenol

Concen: 63.04 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

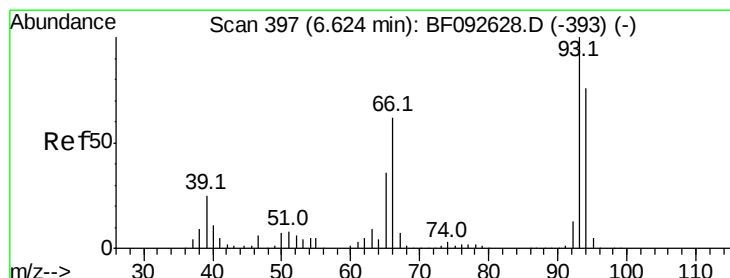
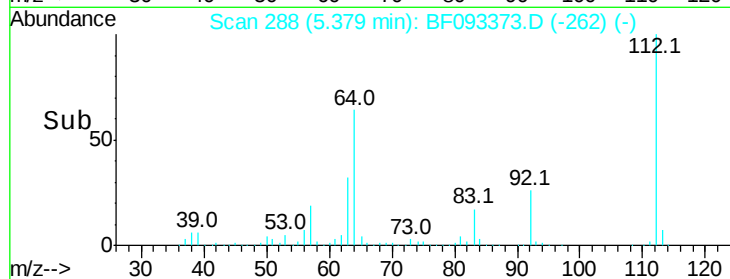
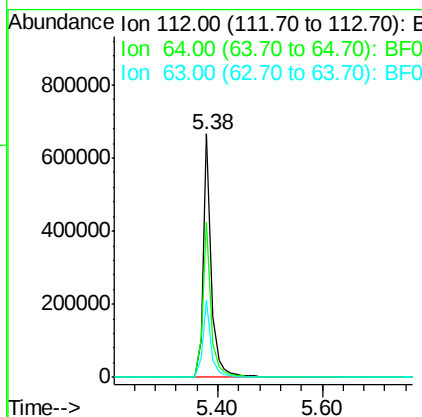
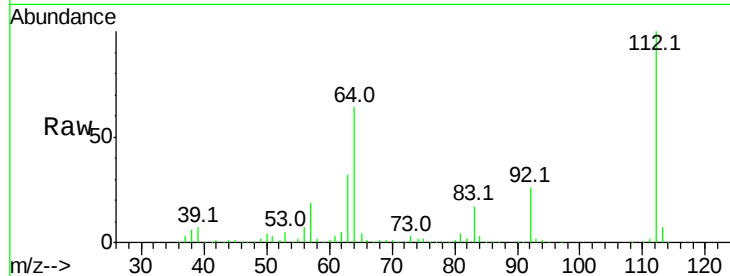
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	112	Resp:	725471
Ion Ratio	Lower	Upper	
112	100		
64	63.8	46.1	69.1
63	31.8	23.8	35.6

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#6

Aniline

Concen: 21.01 ng

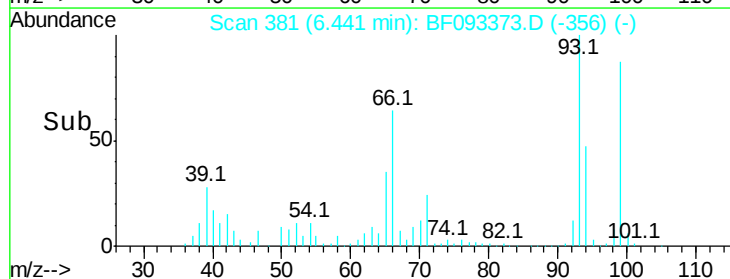
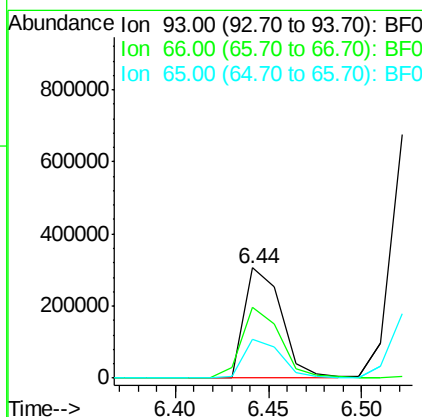
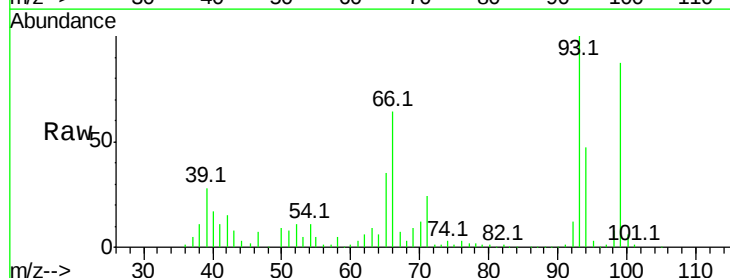
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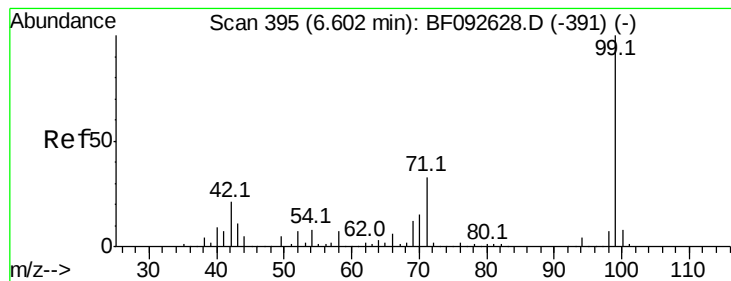
Delta R.T. -0.01 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	93	Resp:	424435
Ion Ratio	Lower	Upper	
93	100		
66	63.8	76.2	114.2#
65	35.0	49.3	73.9#





#7

Phenol-d6

Concen: 39.96 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

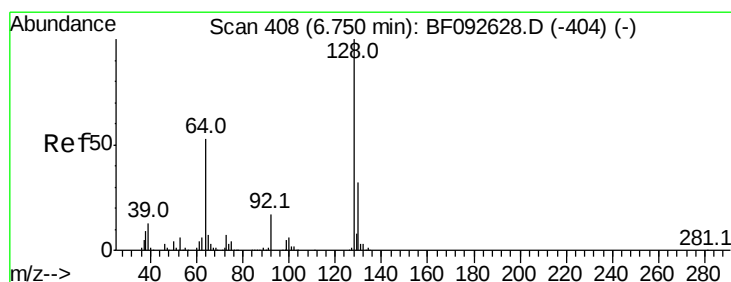
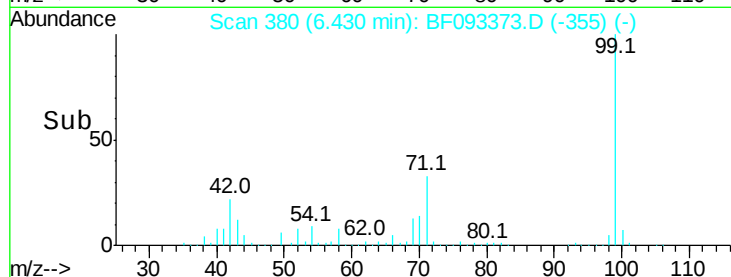
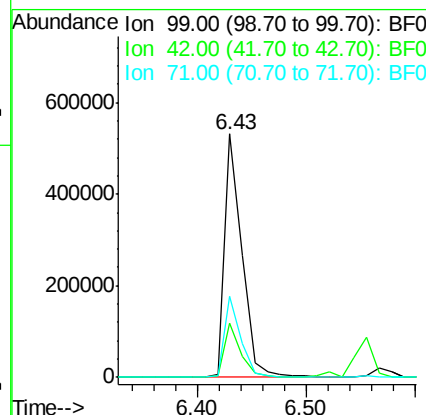
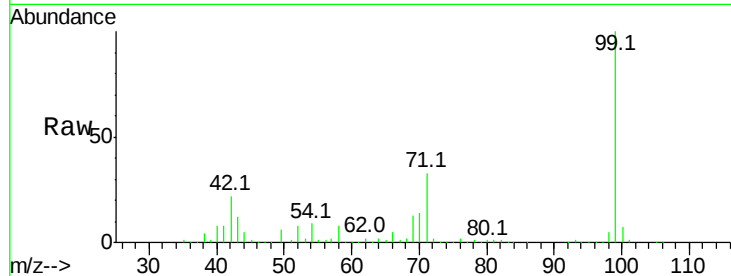
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	99	Resp:	591703
Ion Ratio	Lower	Upper	
99	100		
42	22.3	15.6	23.4
71	33.4	27.5	41.3

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#8

2-Chlorophenol

Concen: 34.68 ng

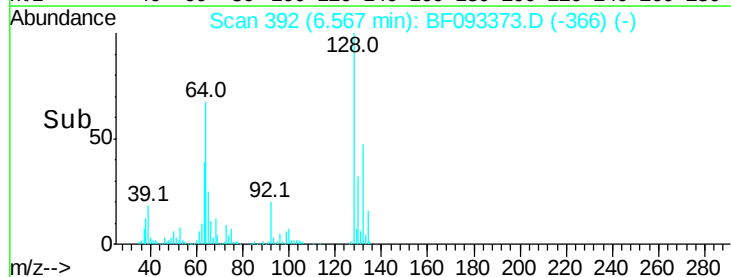
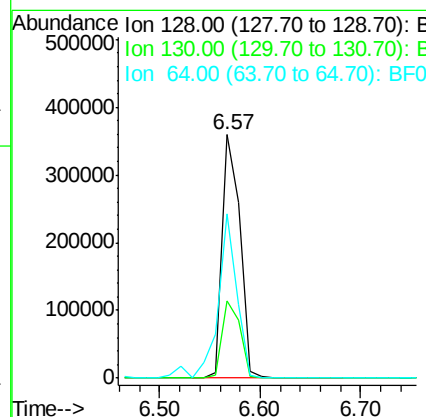
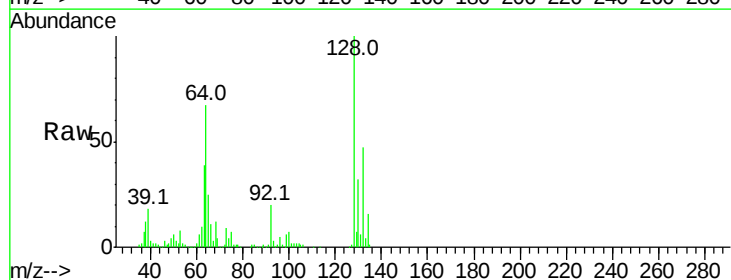
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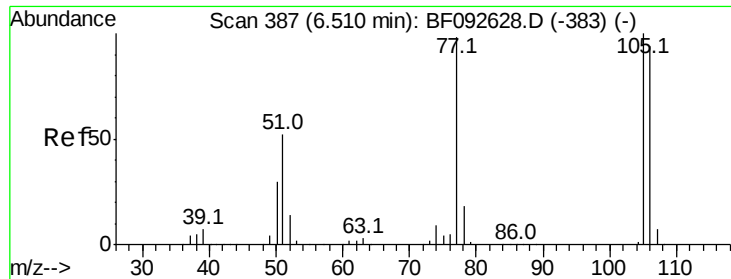
Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	128	Resp:	440269
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.3	52.3
64	67.4	32.2	72.2





#9

Benzaldehyde

Concen: 15.09 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

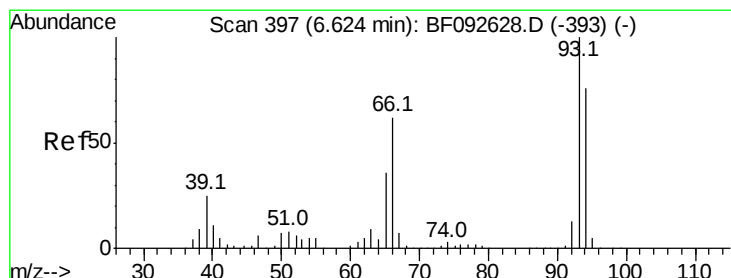
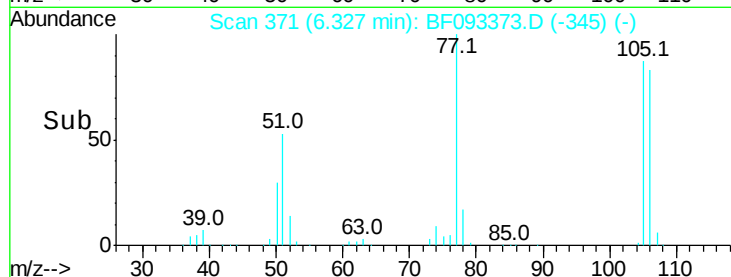
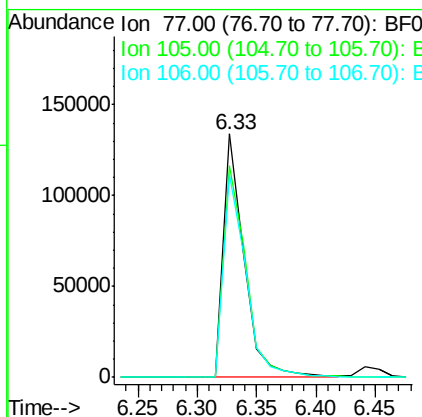
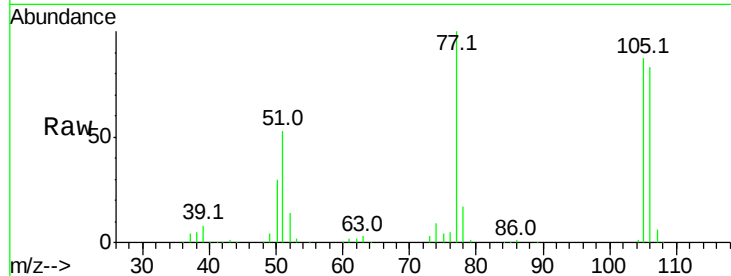
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Tot Ion:	77	Resp:	160115
Ion Ratio	Lower	Upper	
77	100		
105	87.1	83.9	123.9
106	83.2	77.6	117.6

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#10

Phenol

Concen: 14.69 ng

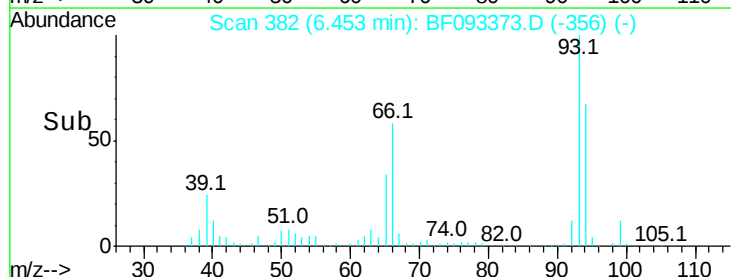
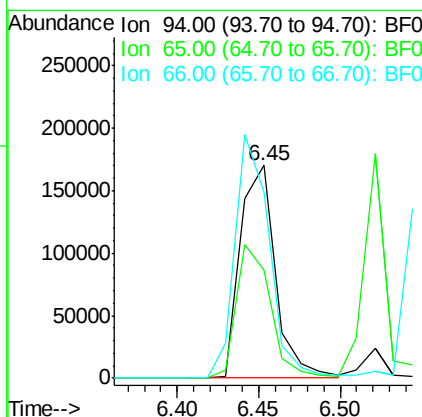
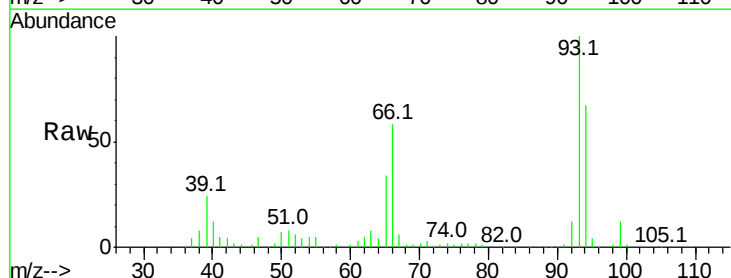
RT: 6.45 min Scan# 382

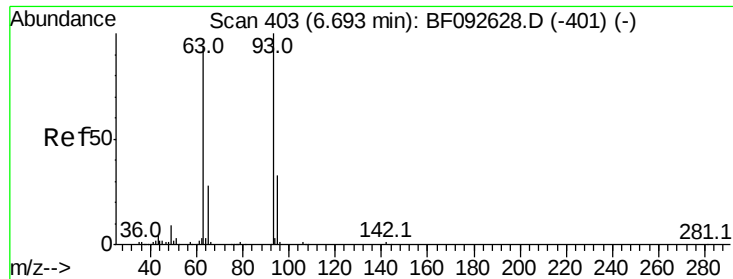
Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	94	Resp:	254566
Ion Ratio	Lower	Upper	
94	100		
65	50.5	21.4	61.4
66	87.5	44.0	84.0#





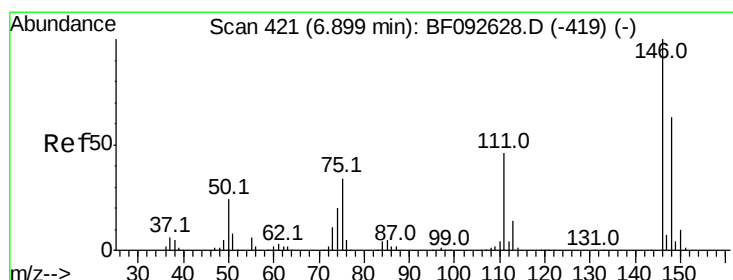
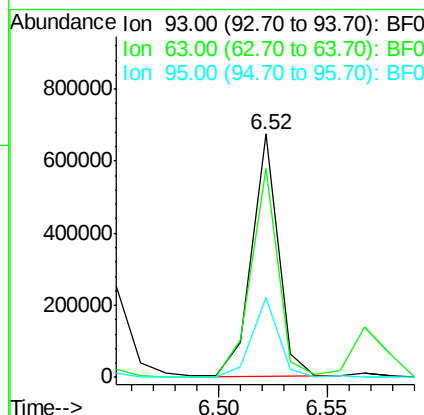
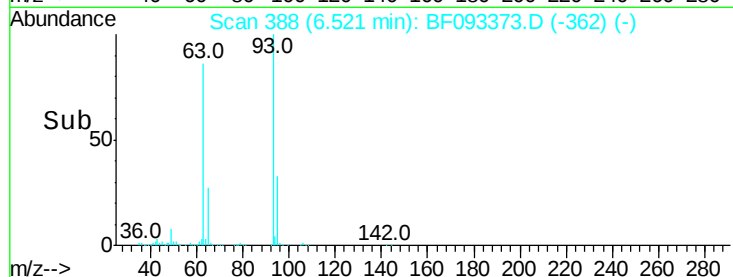
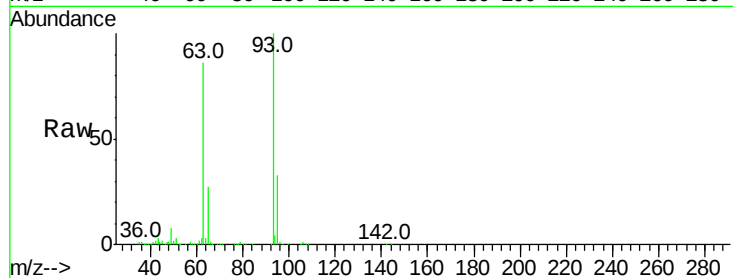
#11
bis(2-Chloroethyl)ether
Concen: 41.32 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	93	Resp	571346
Ion	Ratio	Lower	Upper
93	100		
63	85.7	60.4	100.4
95	32.6	12.8	52.8

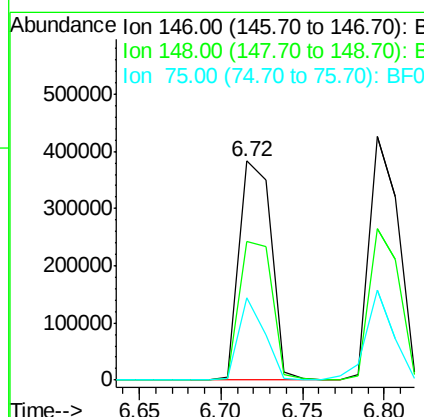
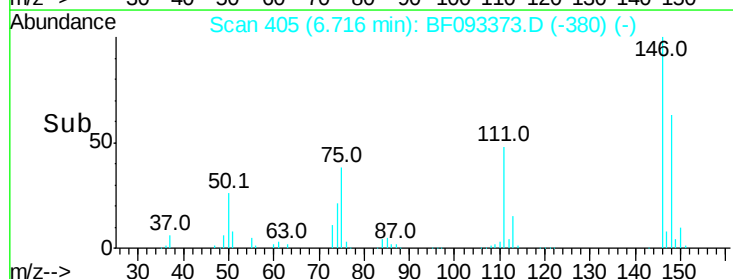
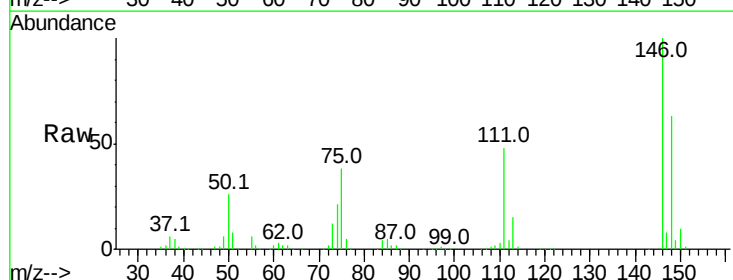
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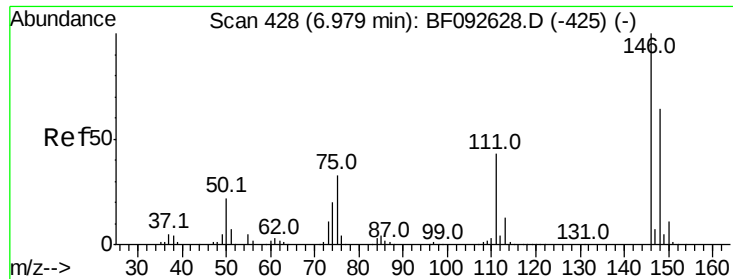
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.95 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	146	Resp	519741
Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.4	80.0
75	37.7	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 35.50 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

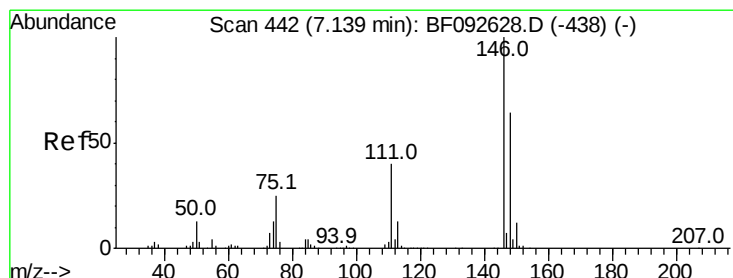
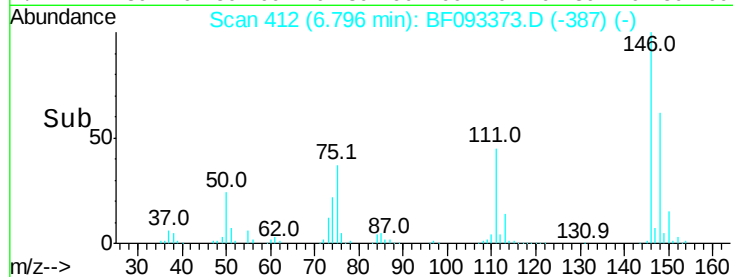
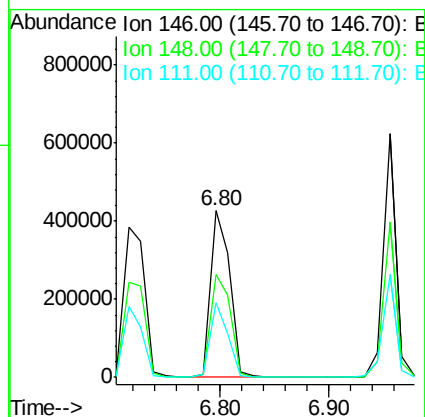
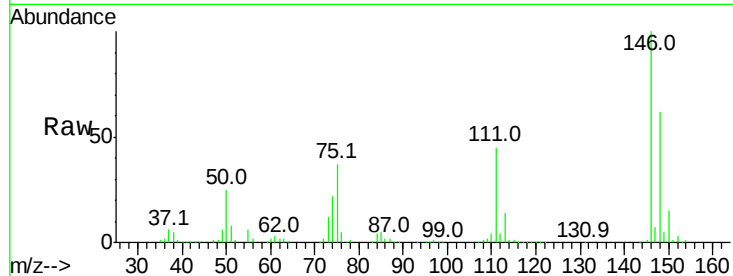
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	146	Resp:	534316
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	76.0
111	45.2	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 35.80 ng

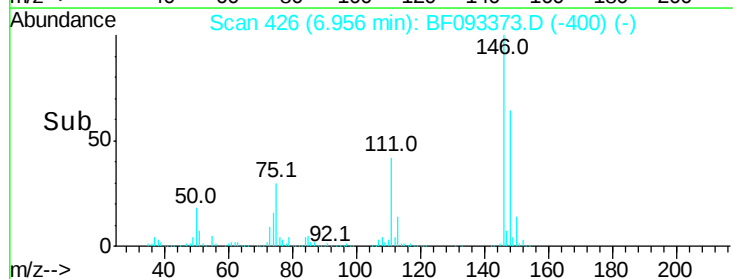
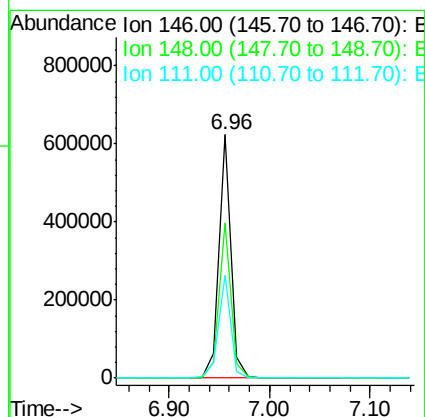
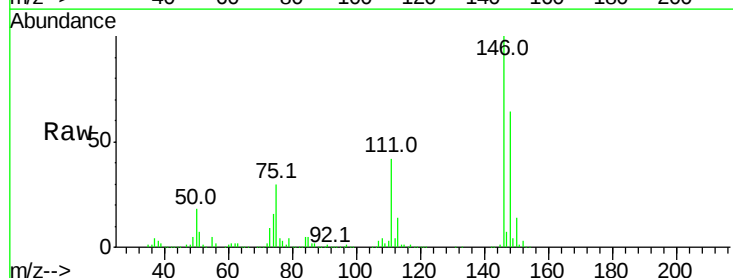
RT: 6.96 min Scan# 426

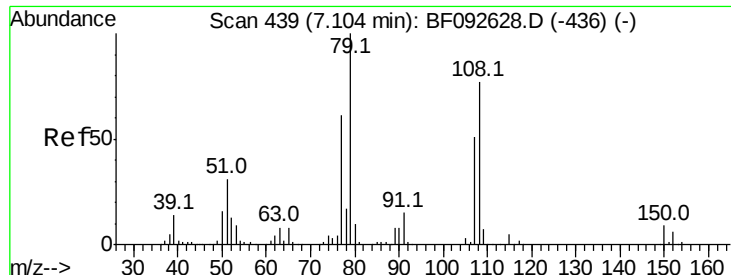
Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	146	Resp:	515258
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	42.0	36.2	54.2





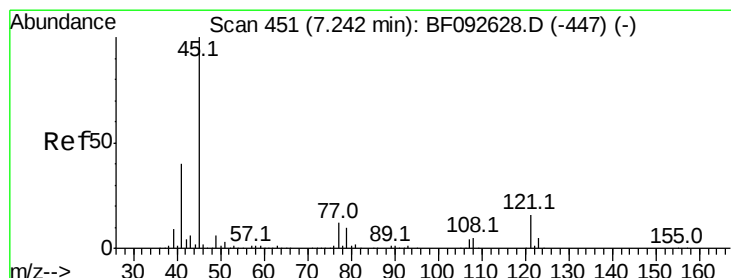
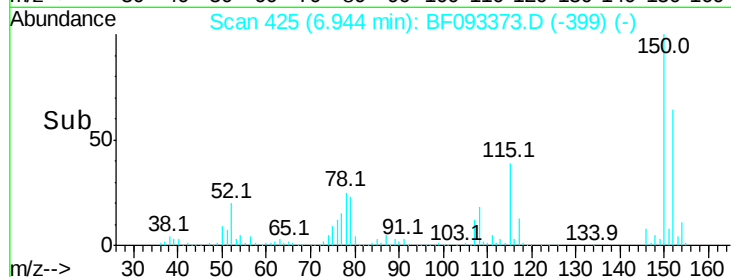
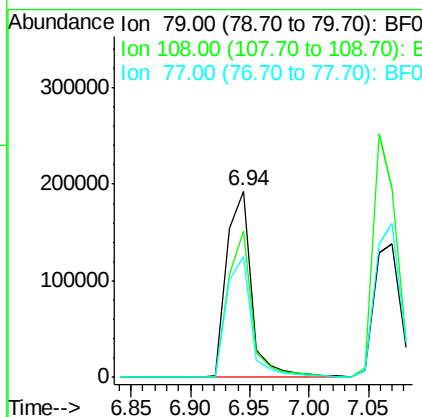
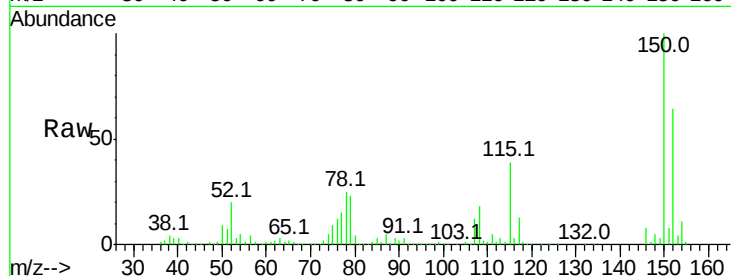
#15
Benzyl Alcohol
Concen: 25.52 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	61.4	92.0
77	64.5	50.9	76.3

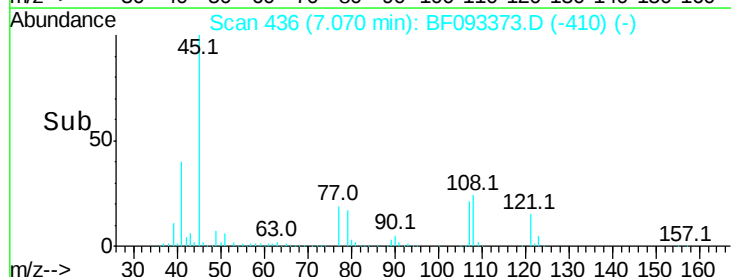
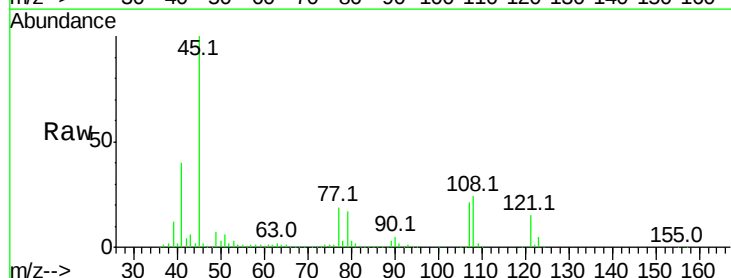
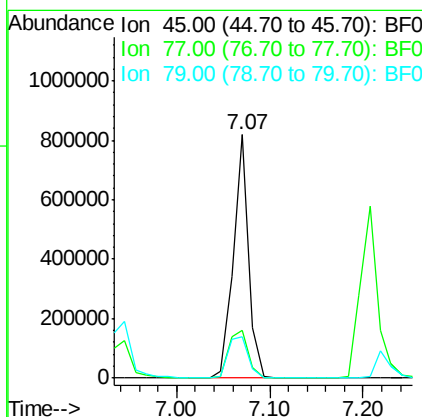
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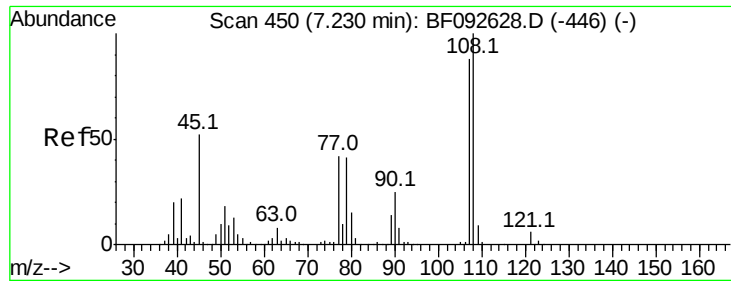
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.81 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	34.6
79	16.9	0.0	31.2





#17

2-Methylphenol

Concen: 27.75 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

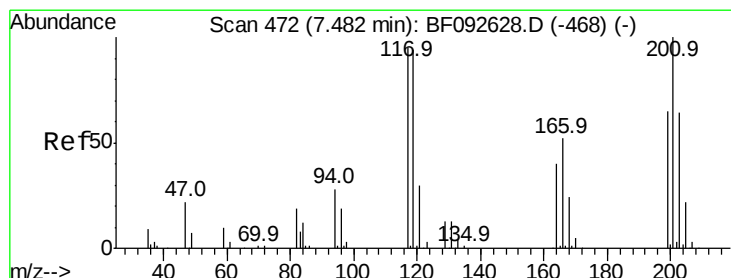
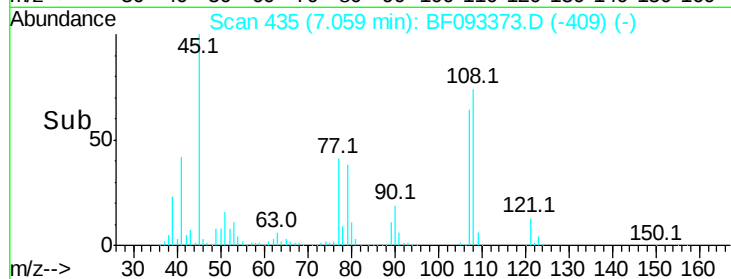
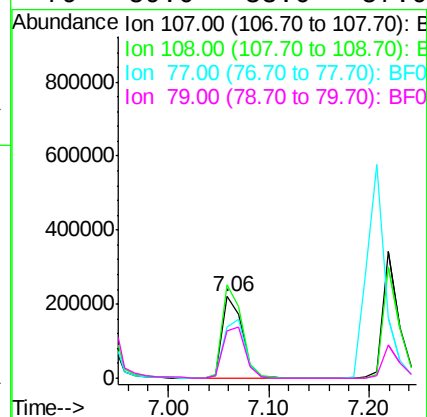
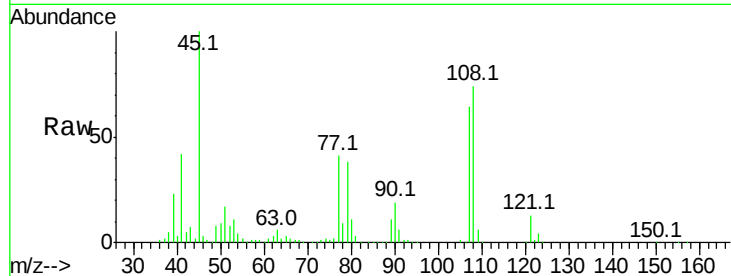
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	93.0	139.6	
77	63.0	39.8	59.8#	
79	59.0	38.0	57.0#	

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#18

Hexachloroethane

Concen: 34.25 ng

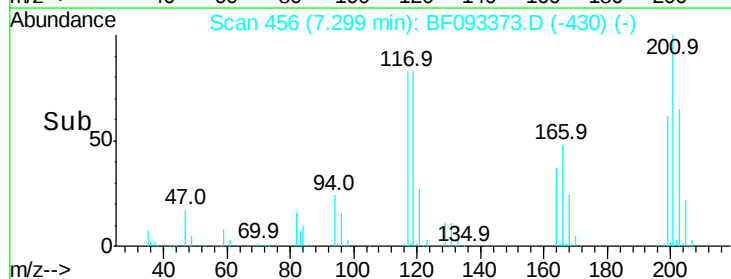
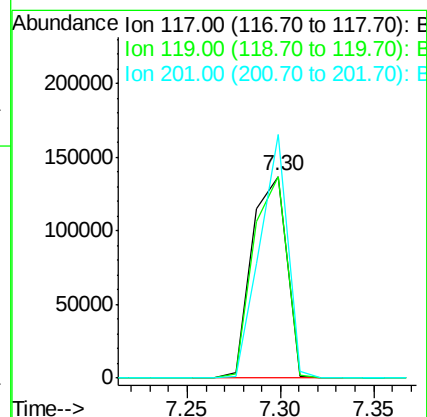
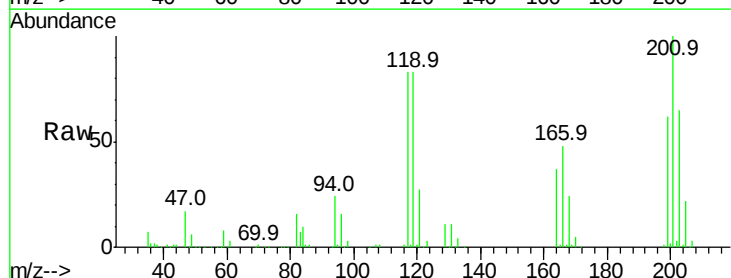
RT: 7.30 min Scan# 456

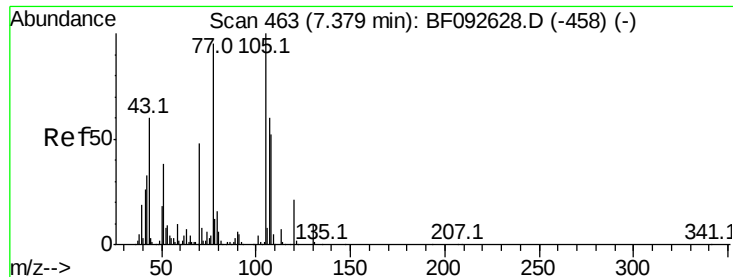
Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	78.1	117.1	
201	120.7	78.6	117.8#	





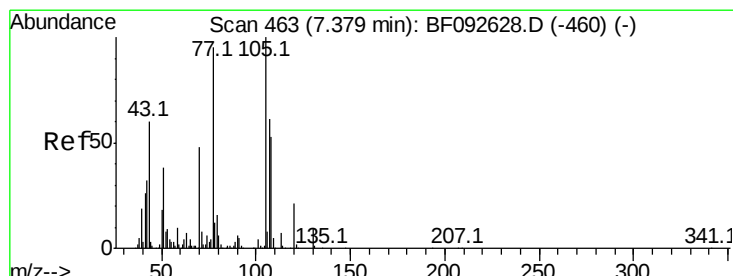
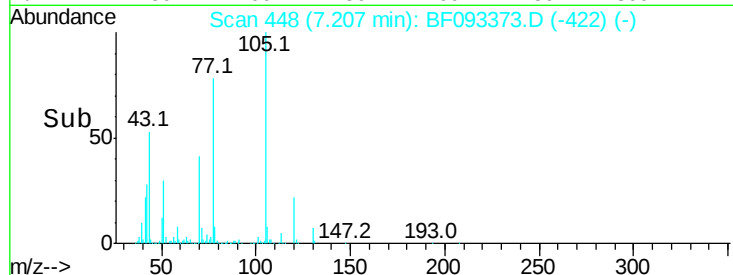
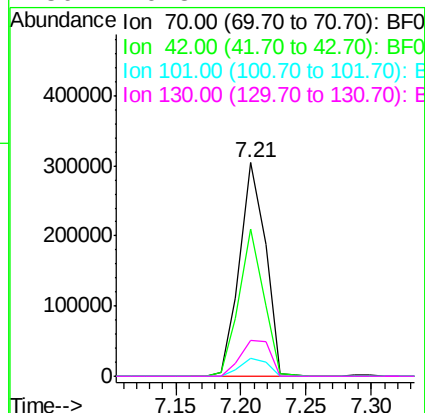
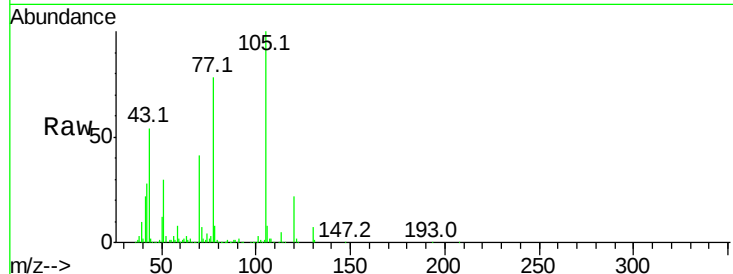
#19
n-Nitroso-di-n-propylamine
Concen: 44.86 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	49.4	74.0
101	8.4	7.4	11.2
130	16.8	14.2	21.4

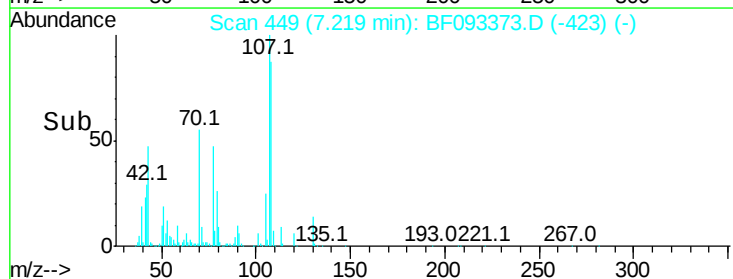
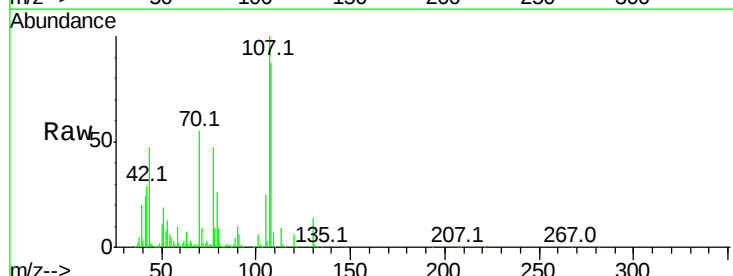
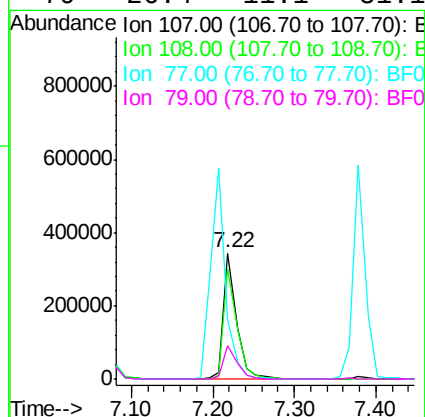
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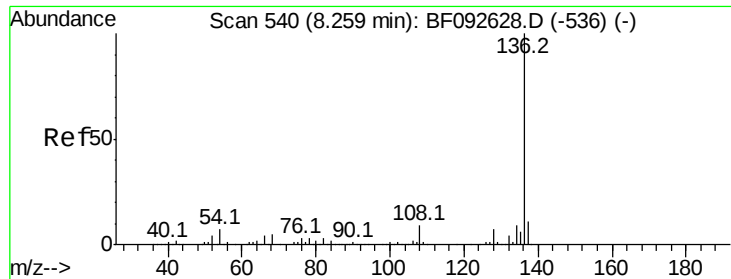
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#20
3+4-Methylphenols
Concen: 29.00 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	47.1	71.3	111.3
79	26.4	11.1	51.1





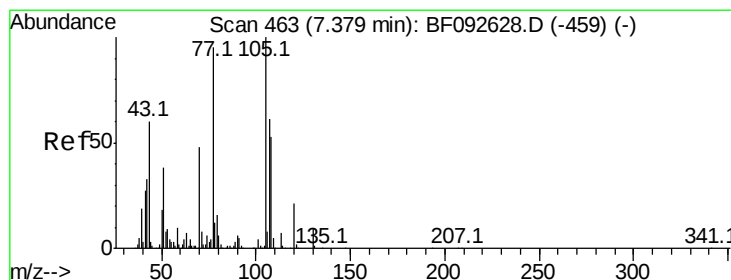
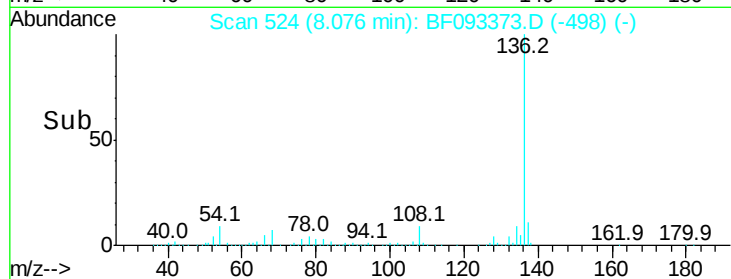
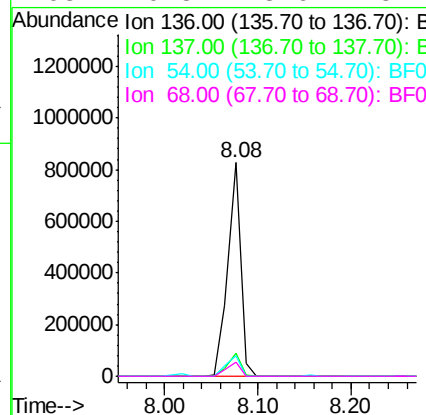
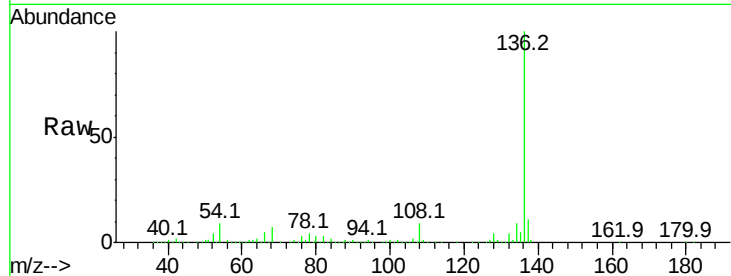
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	797734		
137	10.7		8.4	12.6
54	9.3		4.5	6.7#
68	6.8		3.6	5.4#

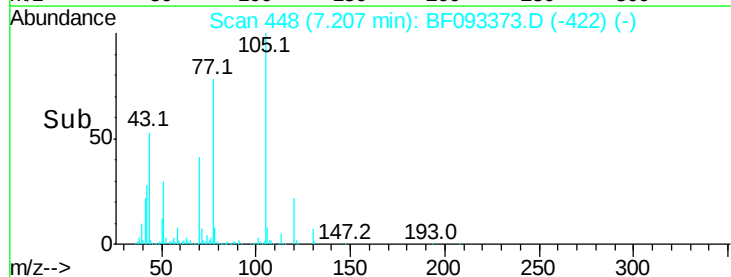
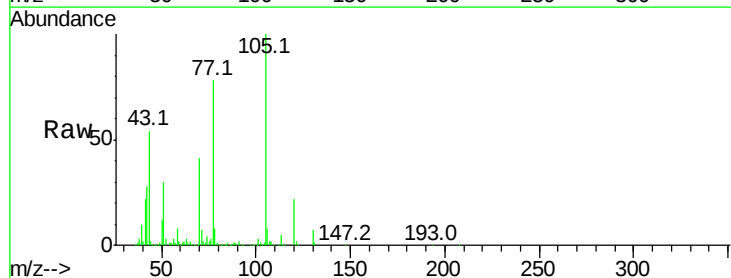
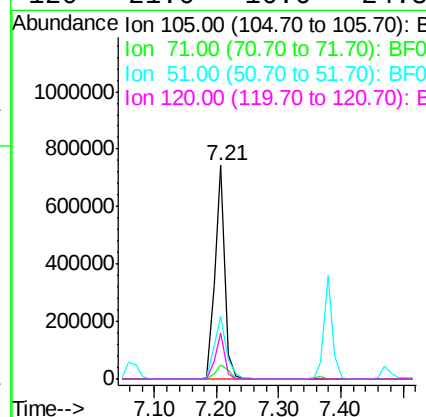
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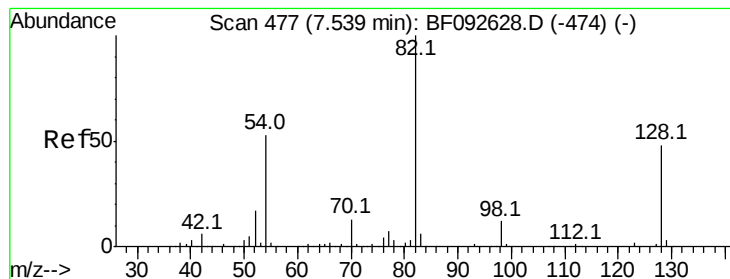
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#22
Acetophenone
Concen: 44.35 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	807714		
71	6.9		3.2	4.8#
51	29.6		26.2	39.4
120	21.6		16.6	24.8





#23

Nitrobenzene-d5

Concen: 91.80 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion: 82 Resp: 1315028

Ion Ratio Lower Upper

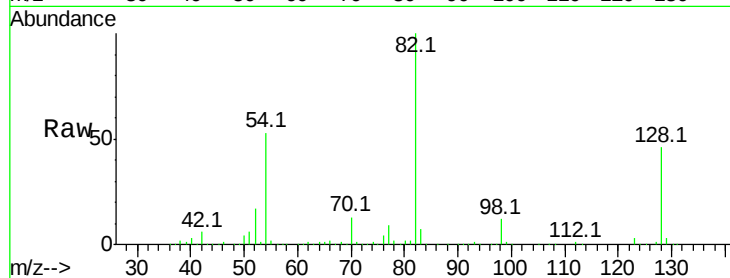
82 100

128 45.6 34.6 52.0

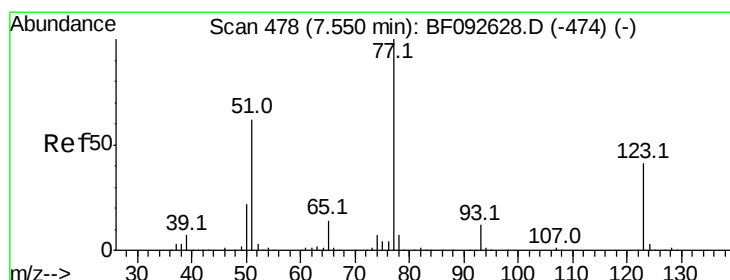
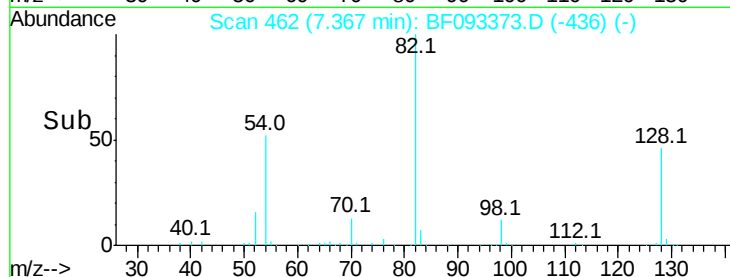
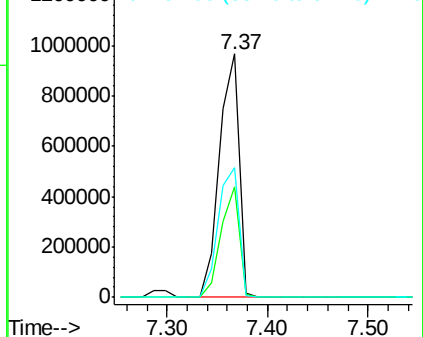
54 53.1 39.5 59.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.85 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

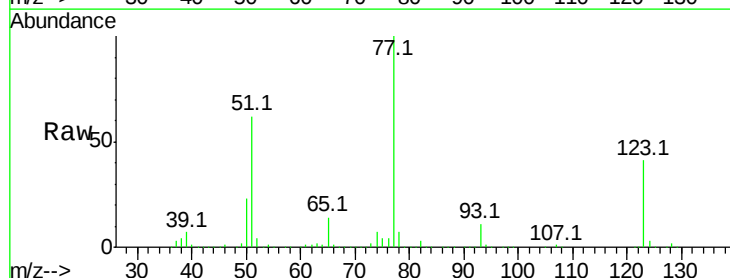
Tgt Ion: 77 Resp: 586241

Ion Ratio Lower Upper

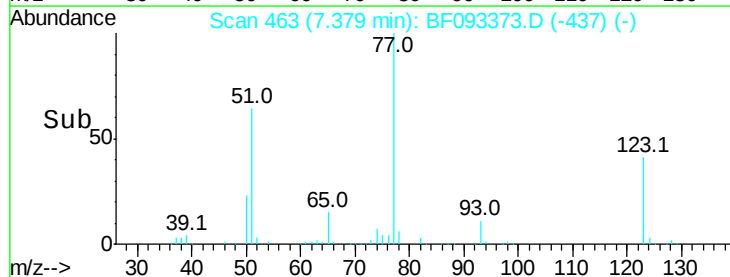
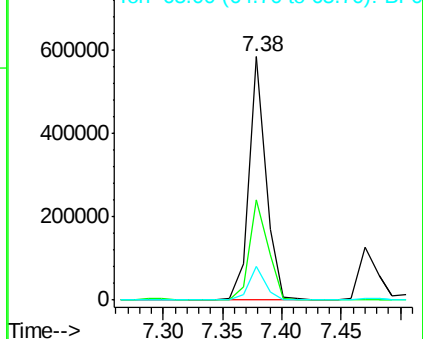
77 100

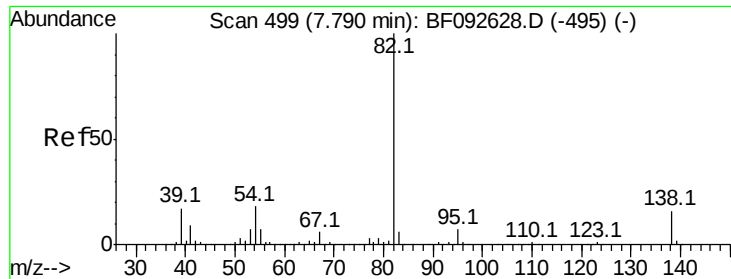
123 41.3 33.0 49.4

65 14.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.33 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion: 82 Resp: 1183221

Ion Ratio Lower Upper

82 100

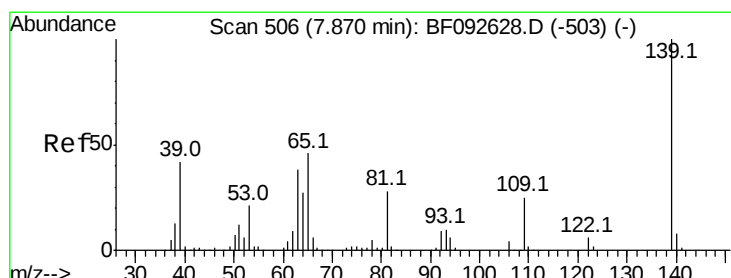
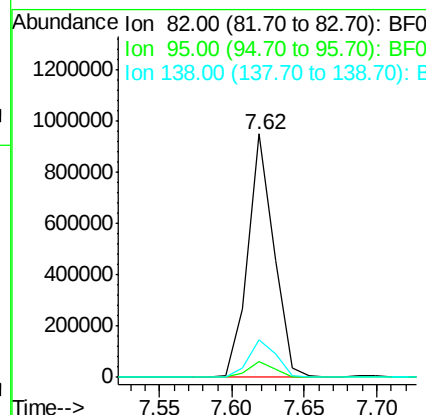
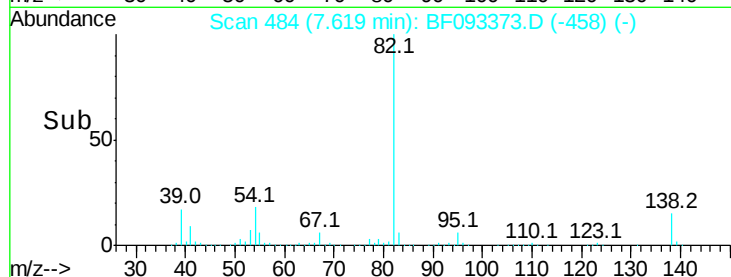
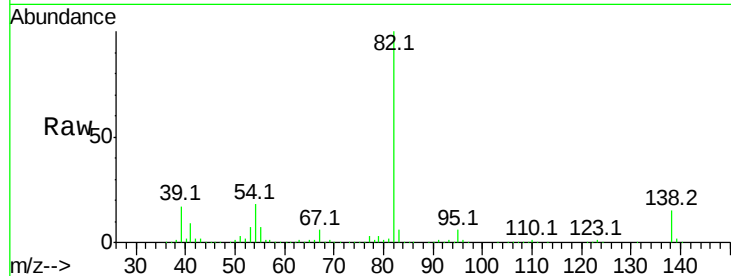
95 6.5 5.6 8.4

138 15.4 14.6 22.0

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#26

2-Nitrophenol

Concen: 46.02 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

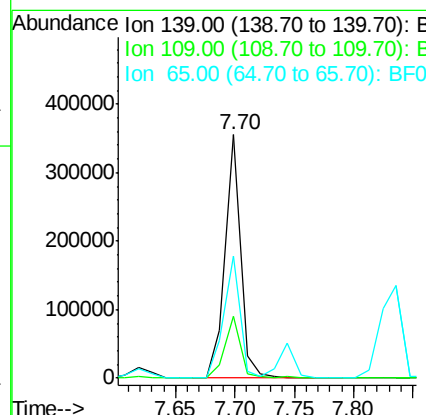
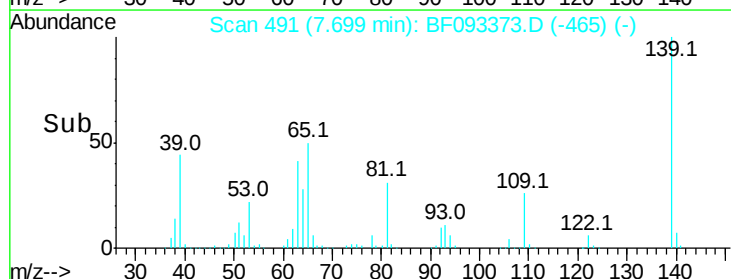
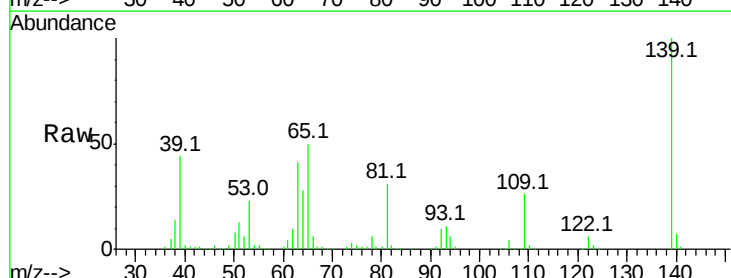
Tgt Ion: 139 Resp: 321780

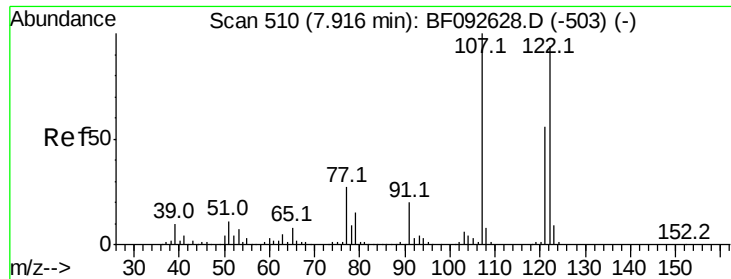
Ion Ratio Lower Upper

139 100

109 25.6 23.3 34.9

65 50.0 42.7 64.1





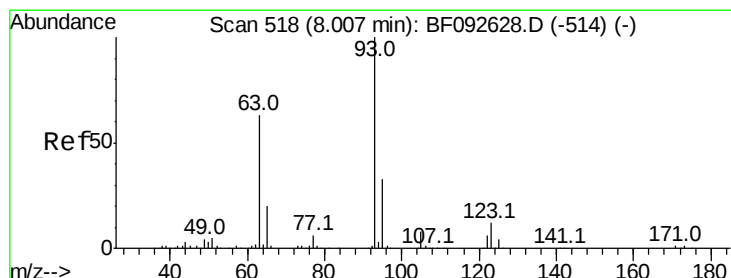
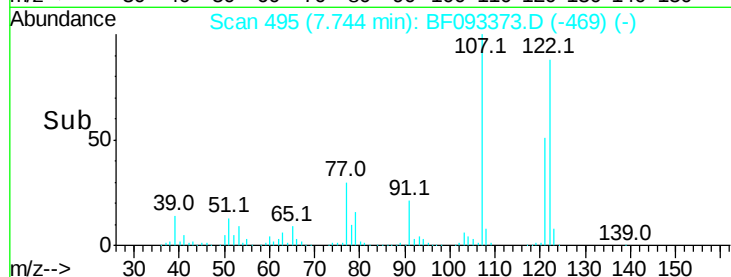
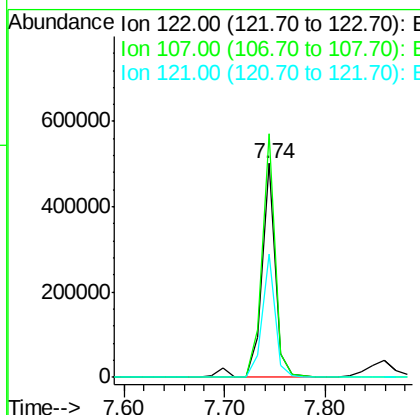
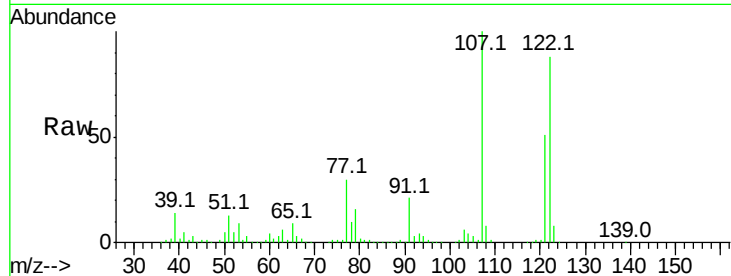
#27
2,4-Dimethylphenol
Concen: 38.67 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	94.1	141.1
121	57.8	46.0	69.0

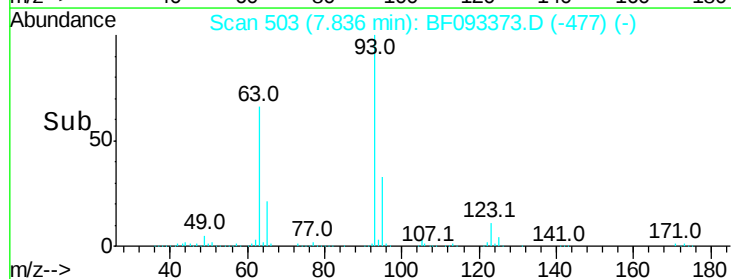
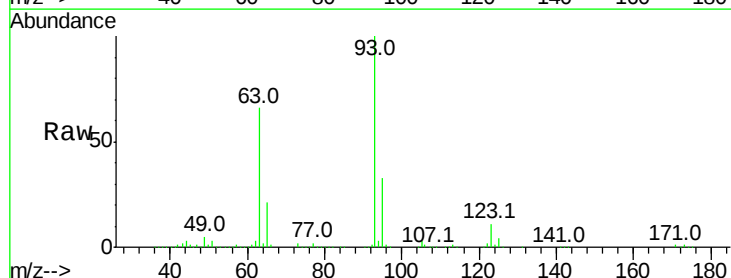
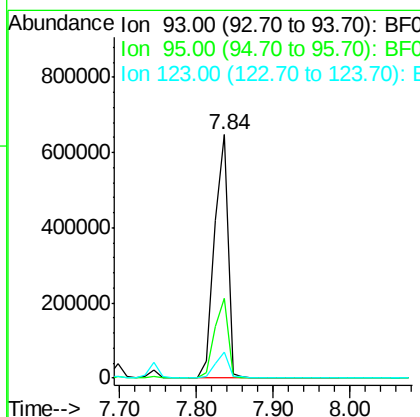
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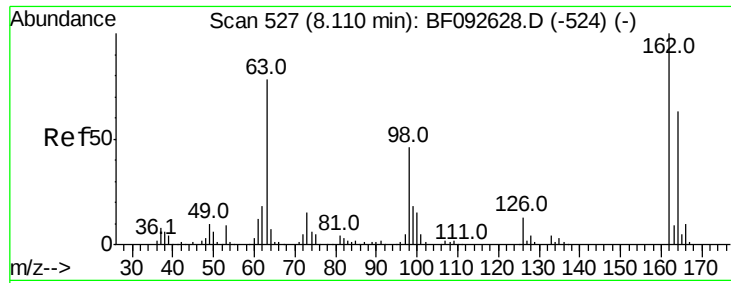
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#28
bis(2-Chloroethoxy)methane
Concen: 43.93 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.9	8.6	13.0





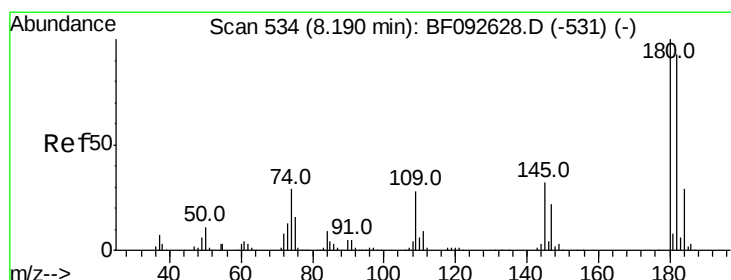
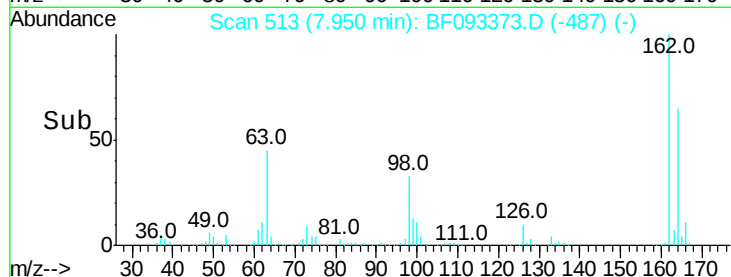
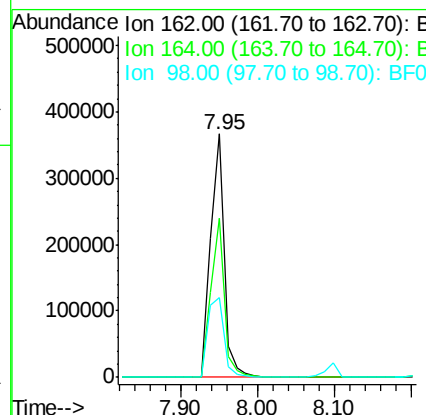
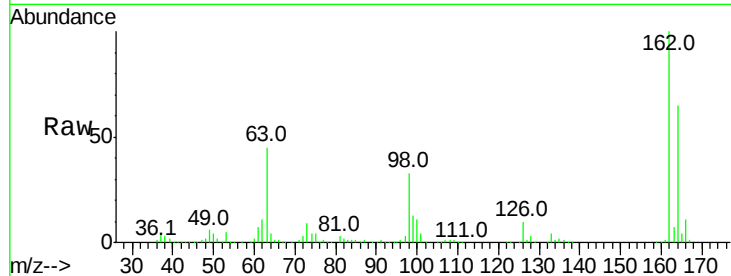
#29
 2,4-Dichlorophenol
 Concen: 38.97 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	446305		
164	65.2	46.8	86.8	
98	32.9	9.1	49.1	

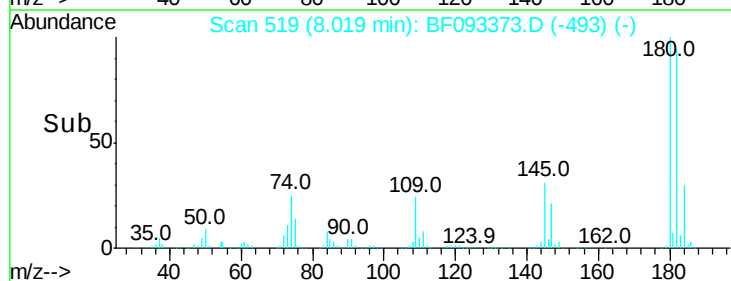
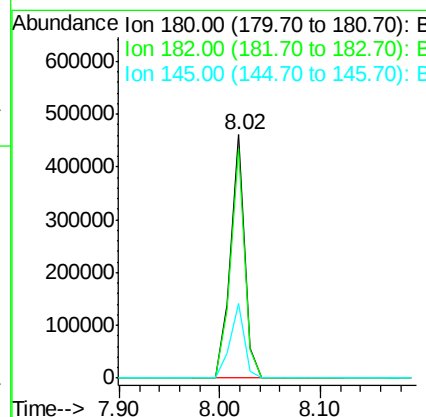
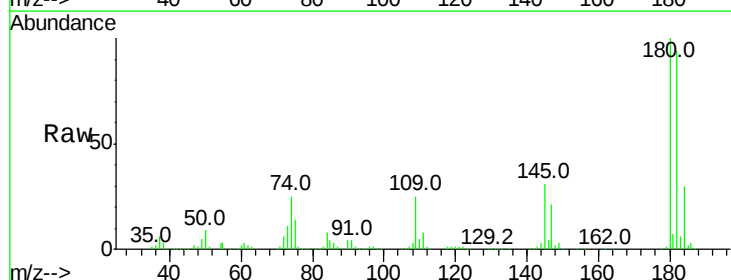
Manual Integrations
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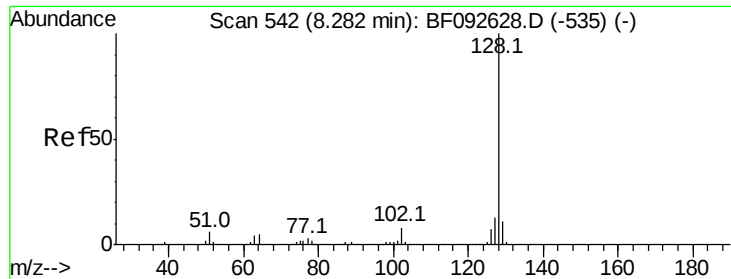
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.77 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	453813		
182	94.2	78.2	117.4	
145	30.7	21.6	32.4	





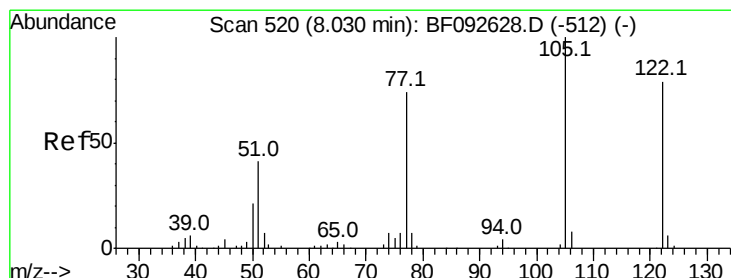
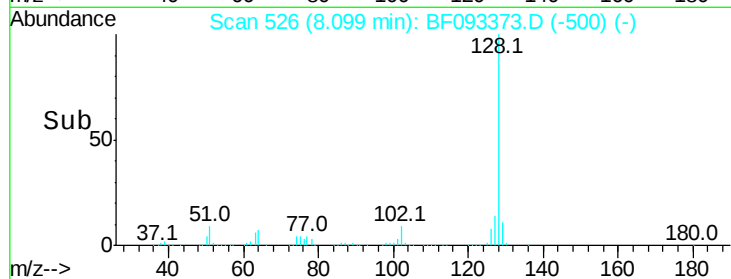
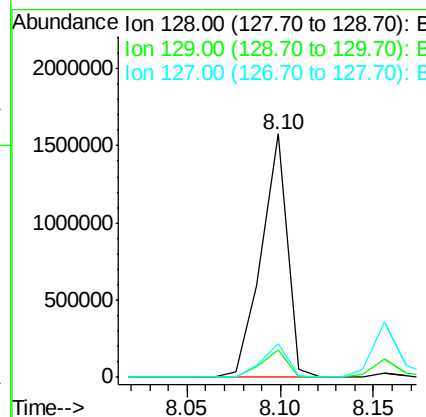
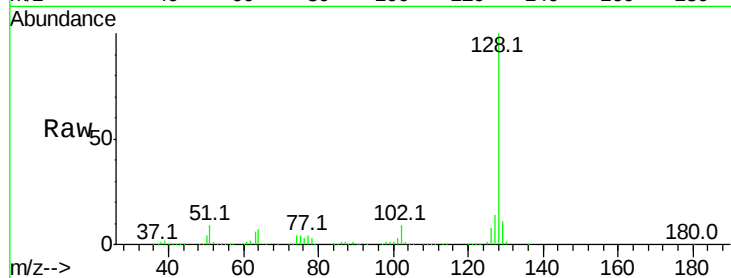
#31
Naphthalene
Concen: 38.44 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion:128 Resp: 1554599
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.9 10.8 16.2

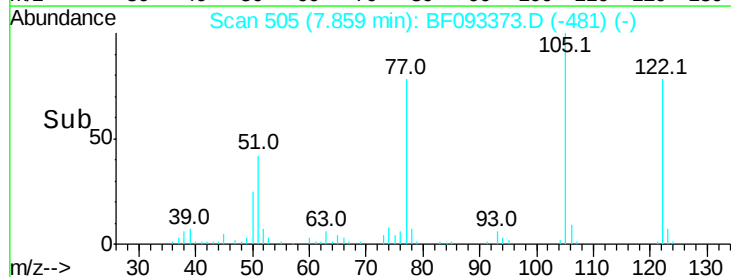
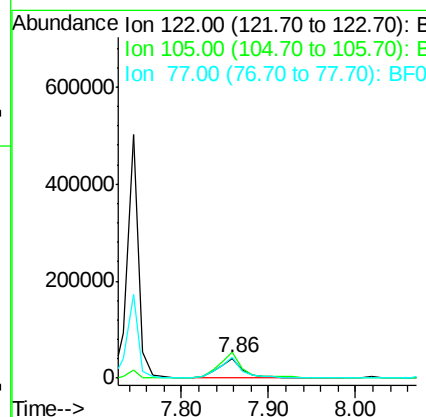
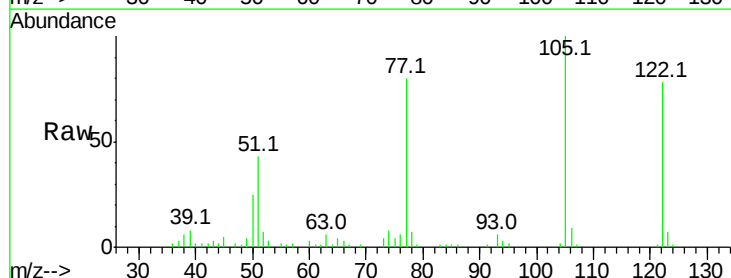
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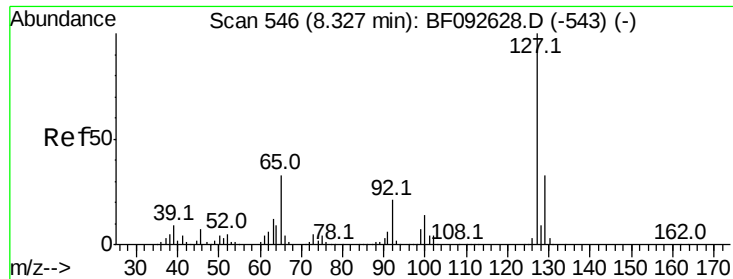
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#32
Benzoic acid
Concen: 16.99 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:122 Resp: 80352
Ion Ratio Lower Upper
122 100
105 128.8 107.2 147.2
77 102.9 74.5 114.5





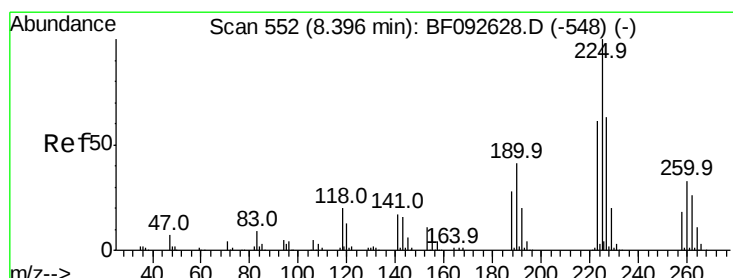
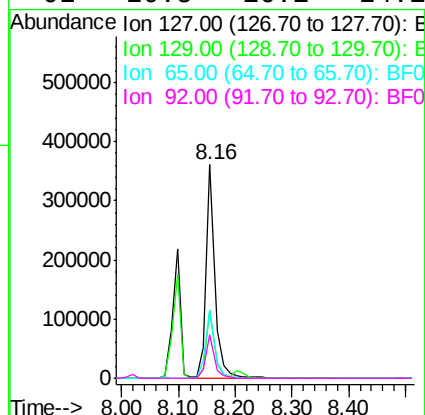
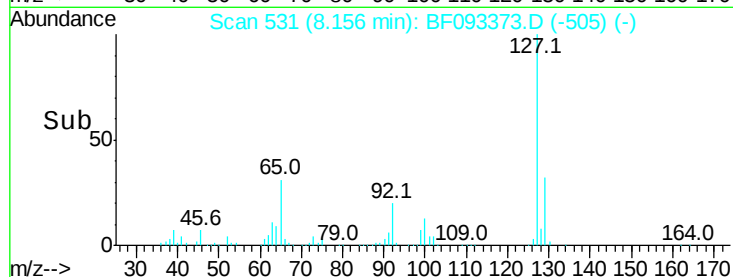
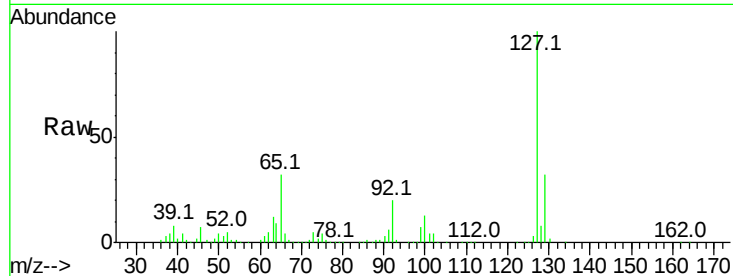
#33
4-Chloroaniline
Concen: 23.61 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	374441		
129	32.0	26.3	39.5	
65	32.0	25.8	38.8	
92	20.5	16.1	24.1	

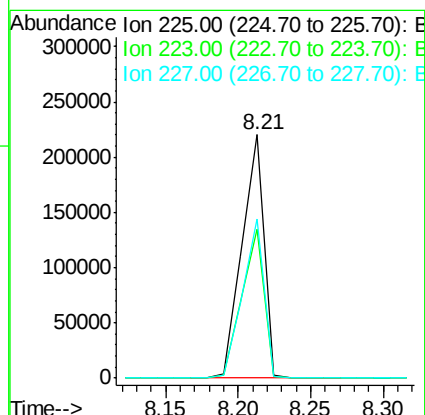
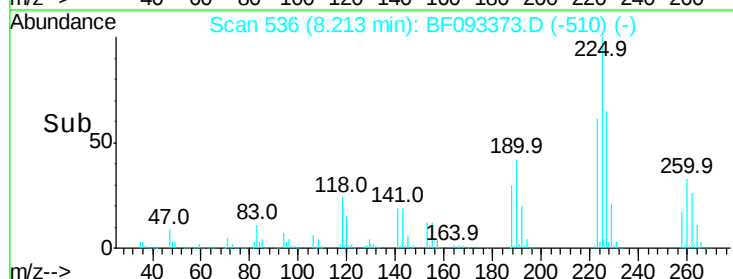
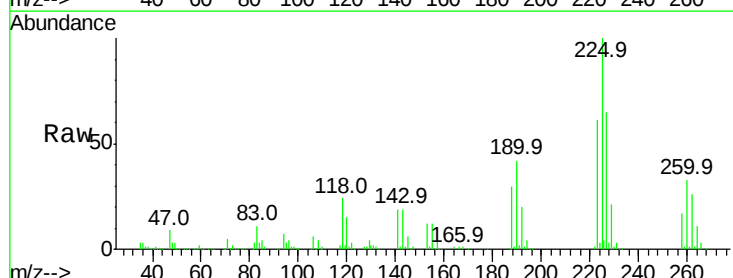
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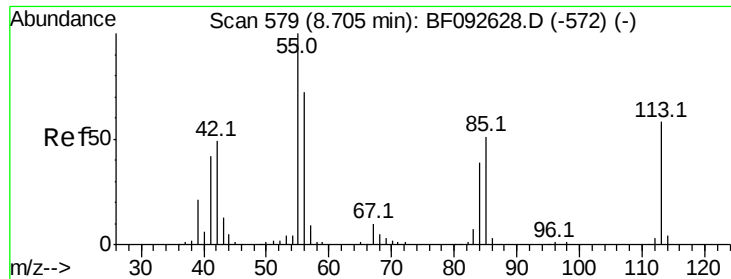
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#34
Hexachlorobutadiene
Concen: 34.16 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231987		
223	61.4	51.0	76.6	
227	65.4	50.6	76.0	





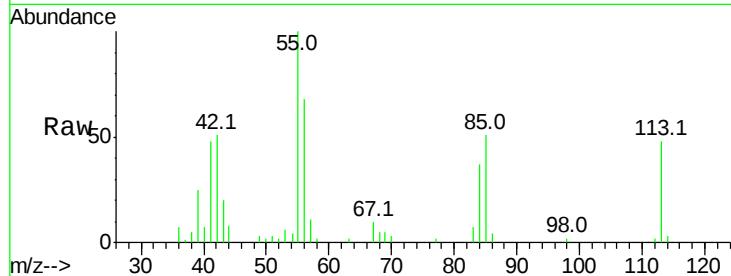
#35
Caprolactam
Concen: 6.71 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

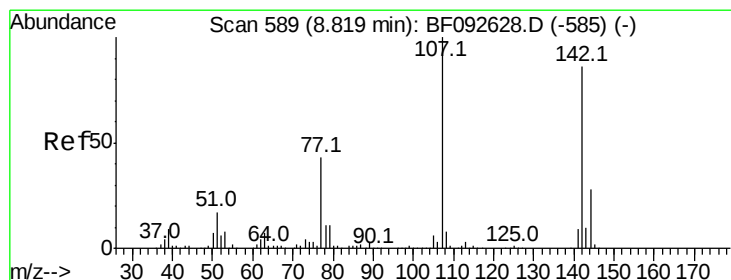
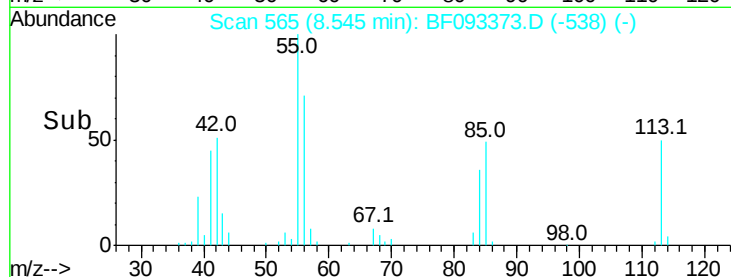
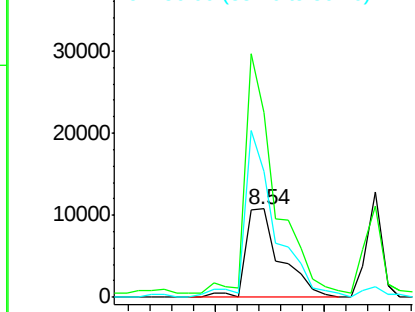
Tot Ion:113 Resp: 24186
Ion Ratio Lower Upper
113 100
55 208.7 119.2 159.2#
56 142.8 83.8 123.8#

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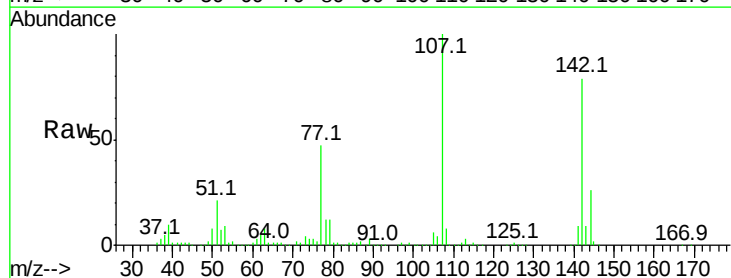


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

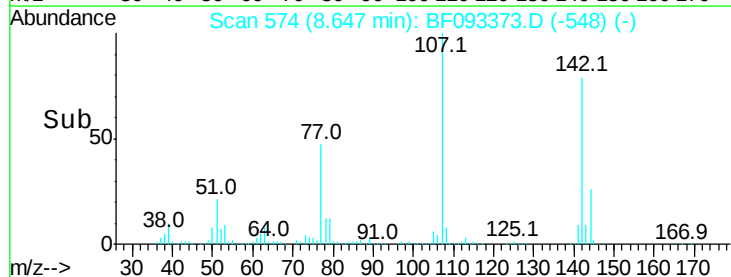
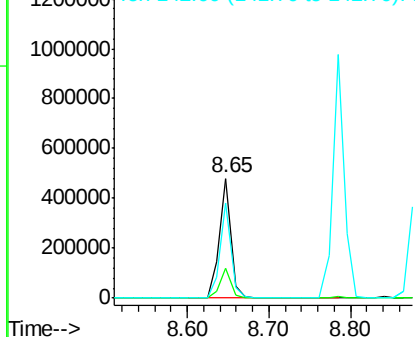


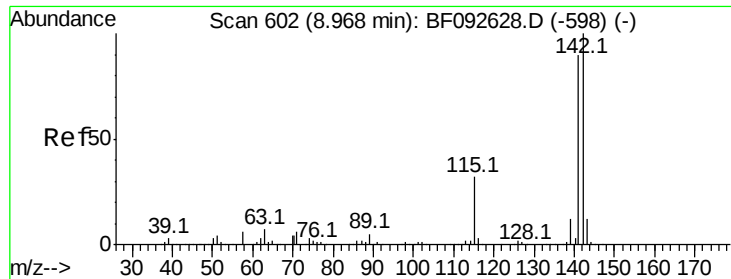
#36
4-Chloro-3-methylphenol
Concen: 39.78 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:107 Resp: 474972
Ion Ratio Lower Upper
107 100
144 25.5 19.3 28.9
142 79.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





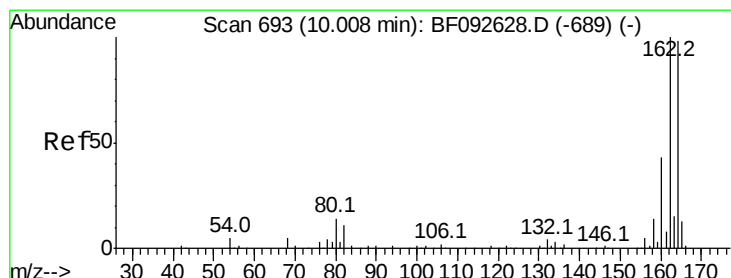
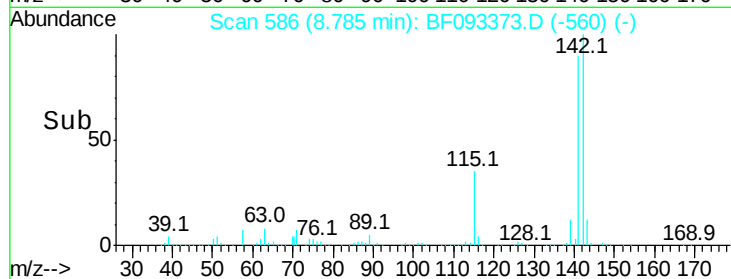
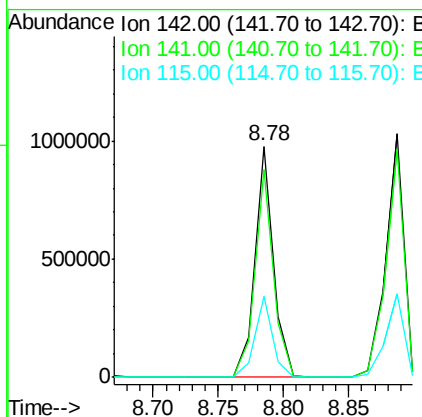
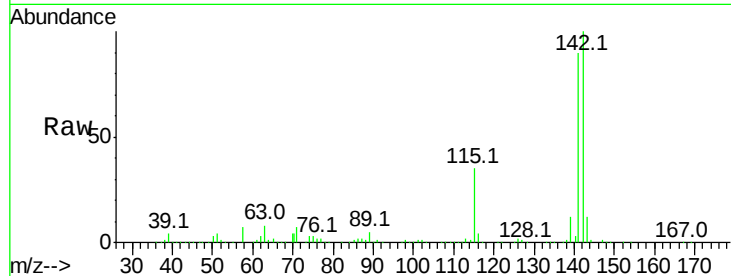
#37
2-Methylnaphthalene
Concen: 37.42 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	35.0	28.3	42.5

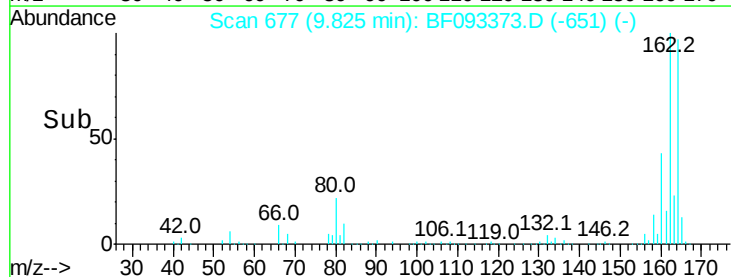
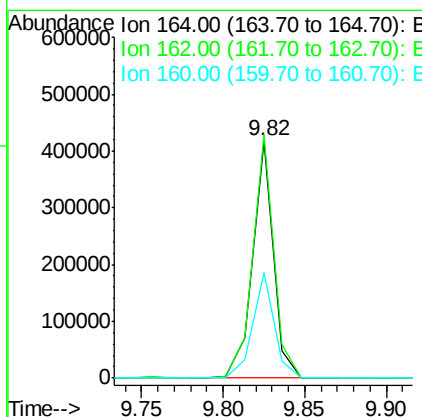
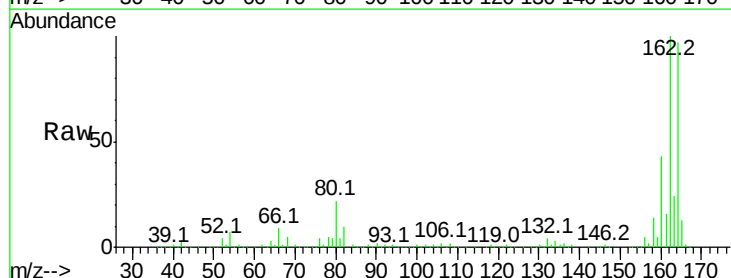
Manual Integrations
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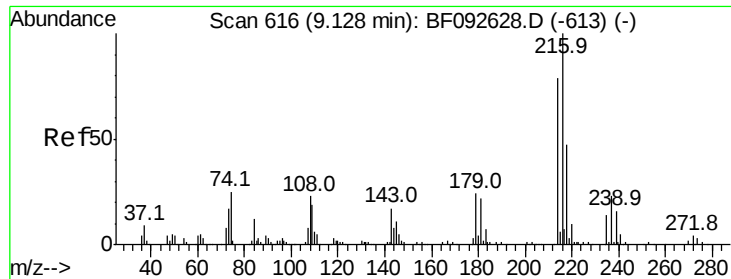
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	44.5	36.9	55.3





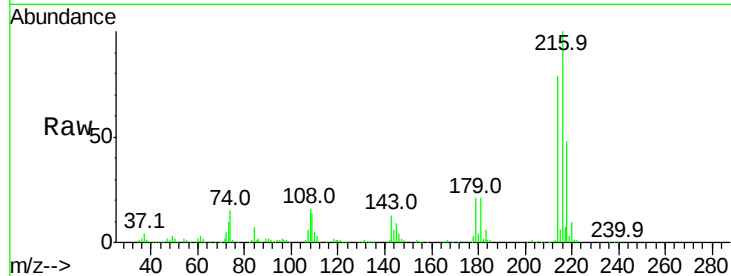
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.17 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

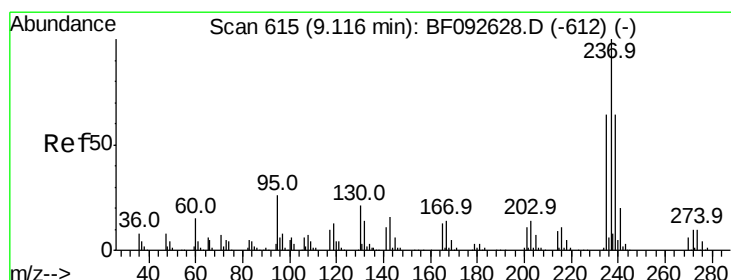
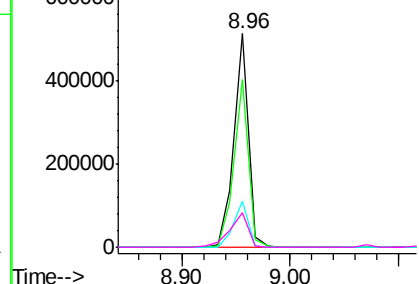
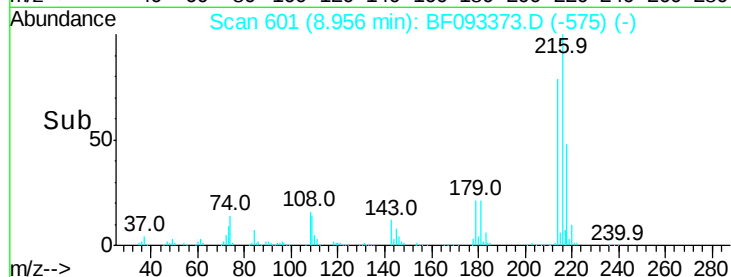
Tot Ion	Ratio	Resp	Lower	Upper
216	100	469139		
214	79.2	63.4	95.0	
179	22.1	17.4	26.2	
108	20.8	15.6	23.4	

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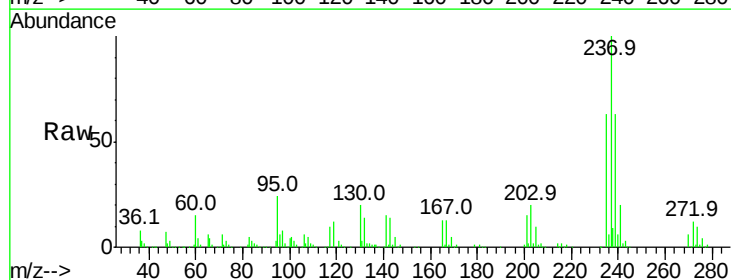


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

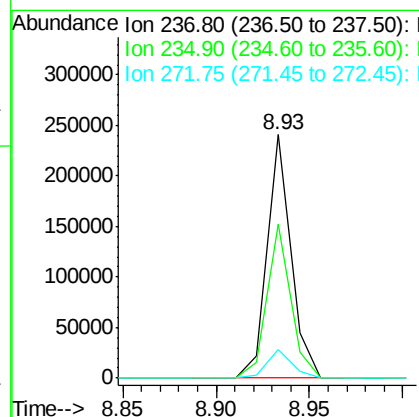
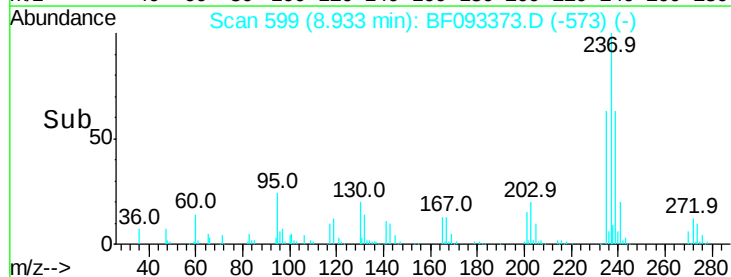


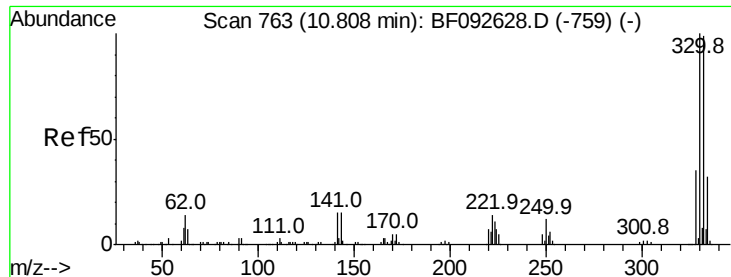
#40
 Hexachlorocyclopentadiene
 Concen: 45.16 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	211592		
235	63.1	41.2	81.2	
272	11.5	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





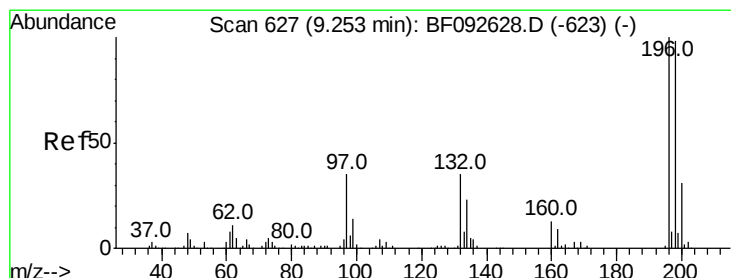
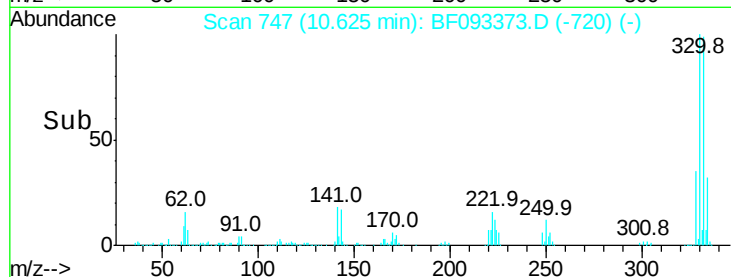
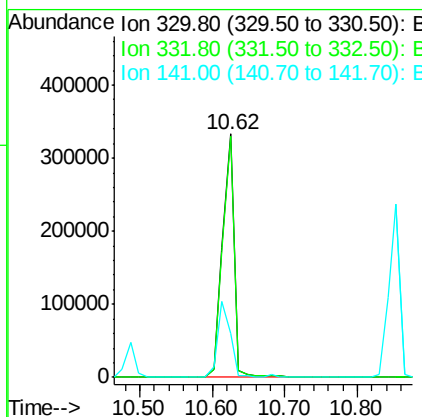
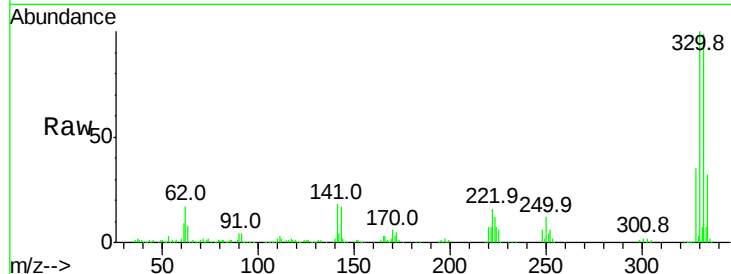
#41
 2,4,6-Tribromophenol
 Concen: 140.92 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.1	77.4	116.2	
141	33.1	34.1	51.1#	

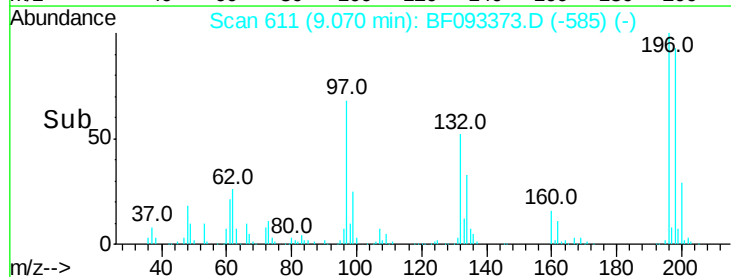
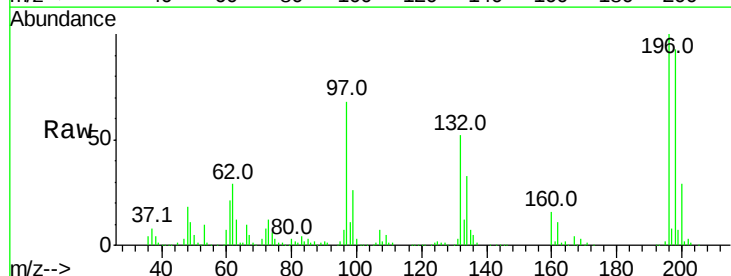
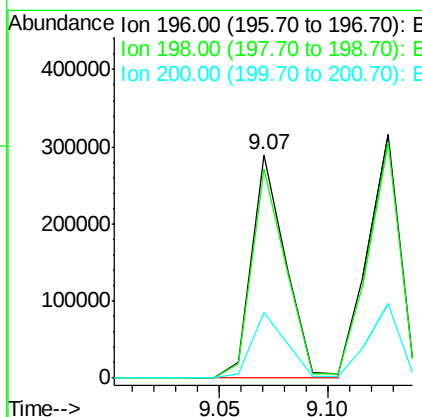
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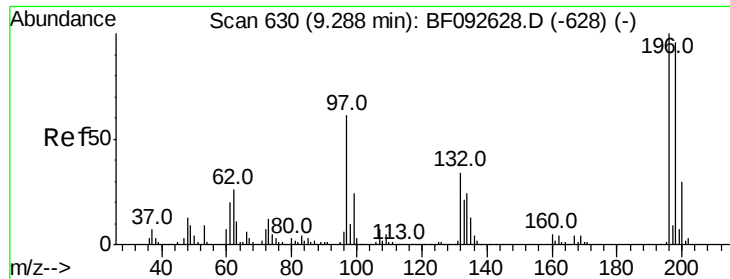
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 46.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	82.1	123.1	
200	29.3	27.0	40.4	





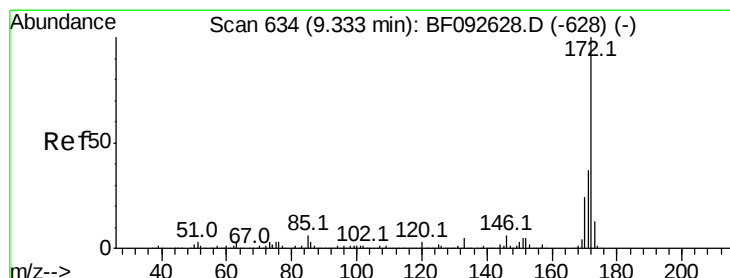
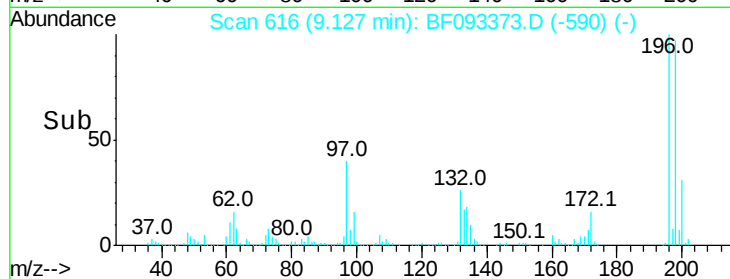
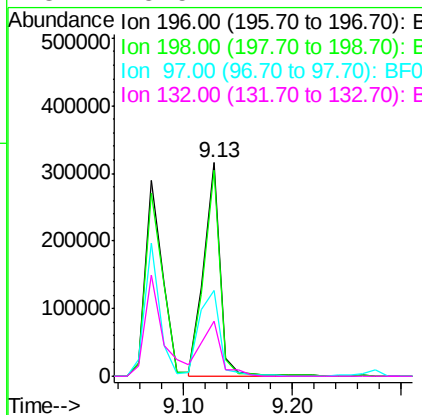
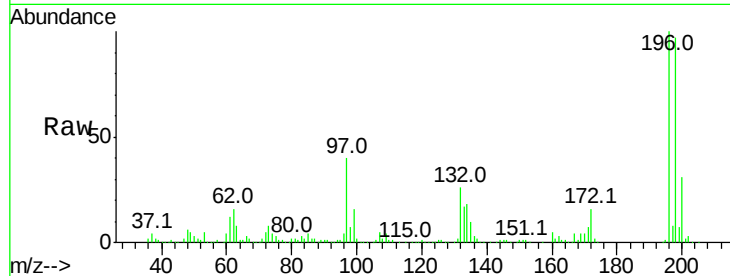
#43
 2,4,5-Trichlorophenol
 Concen: 44.34 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion:	196	Resp:	331551
Ion Ratio	Lower	Upper	
196	100		
198	96.7	79.4	119.2
97	40.1	51.5	77.3#
132	25.5	27.4	41.2#

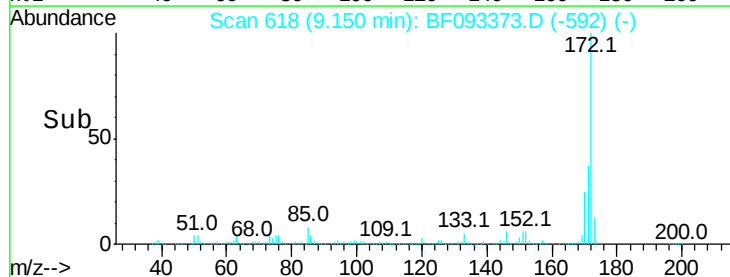
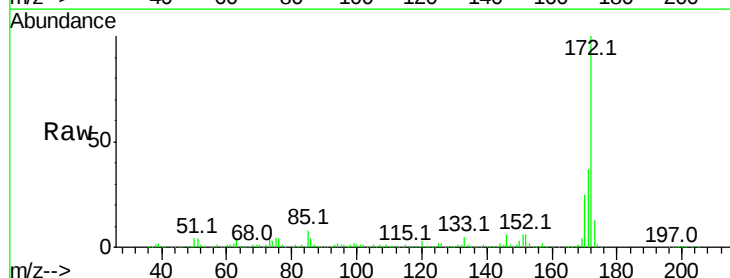
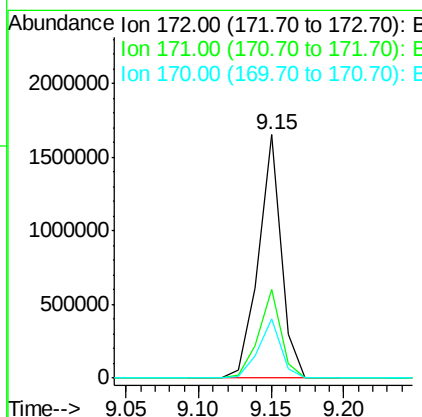
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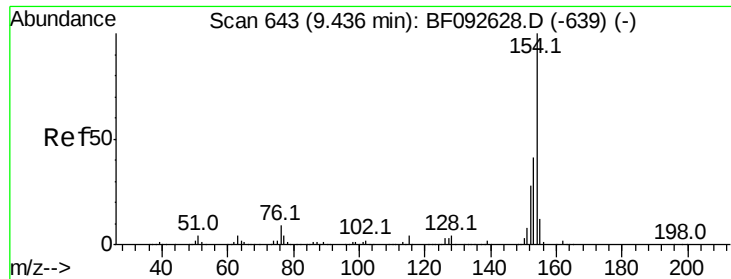
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:	172	Resp:	1794888
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.6	20.2	30.4





#45

1,1'-Biphenyl

Concen: 48.78 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:154 Resp: 1306905

Ion Ratio Lower Upper

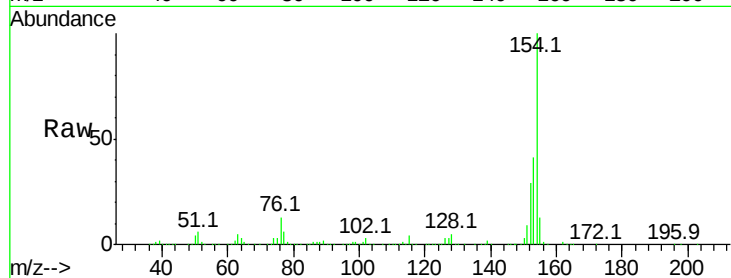
154 100

153 40.9 20.9 60.9

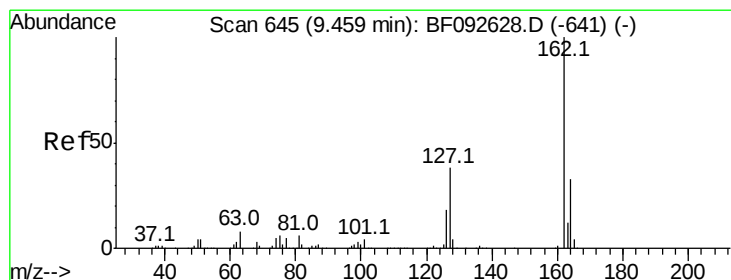
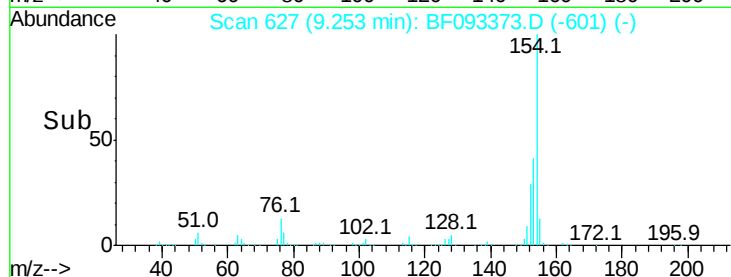
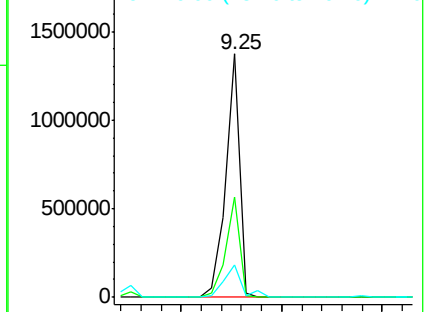
76 13.1 0.0 30.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.80 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

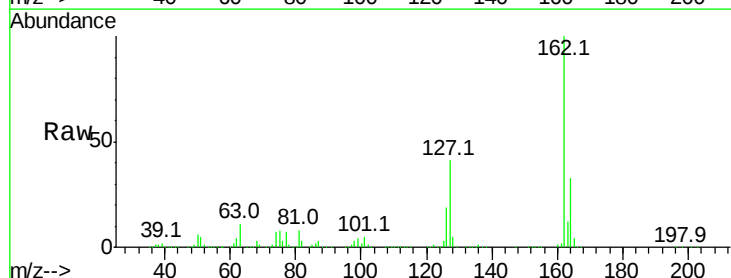
Tgt Ion:162 Resp: 980807

Ion Ratio Lower Upper

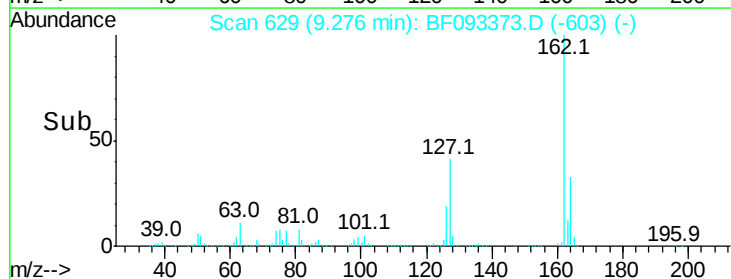
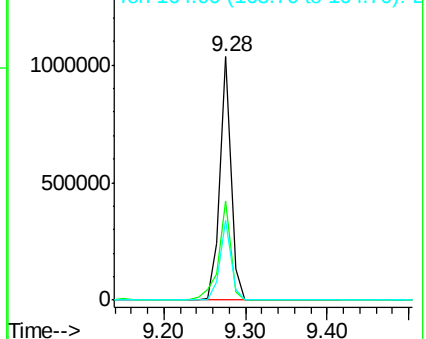
162 100

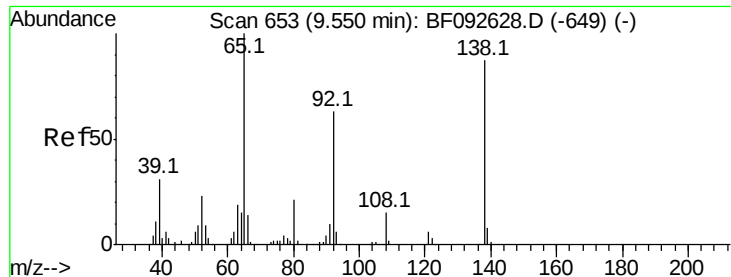
127 40.8 30.7 46.1

164 32.9 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





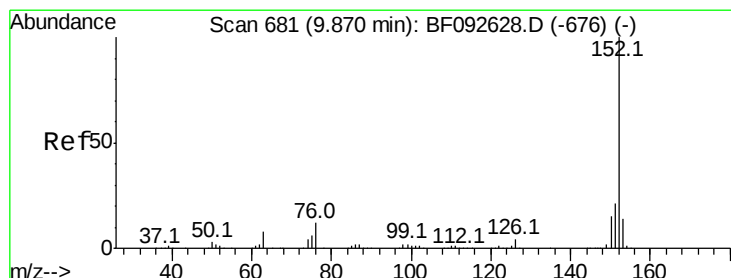
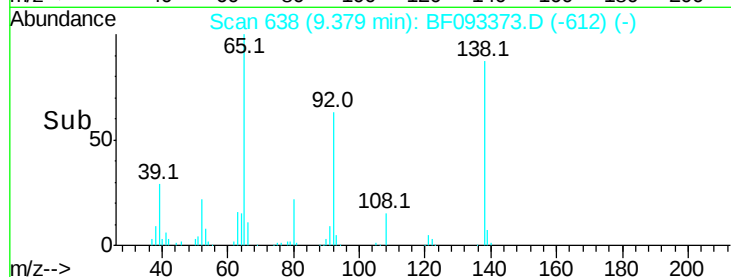
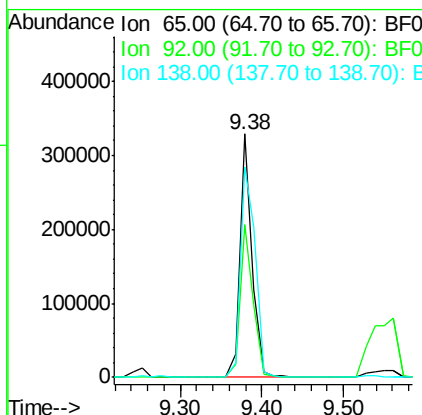
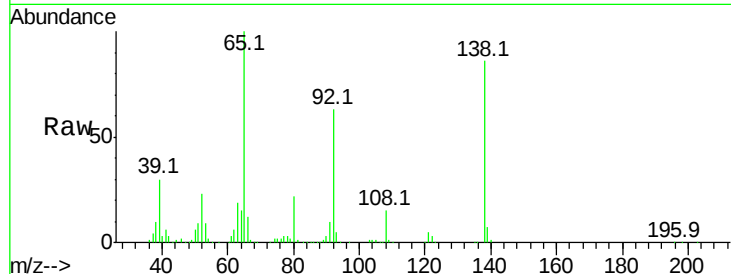
#47
2-Nitroaniline
Concen: 48.26 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.9	80.9
138	86.3	76.8	115.2

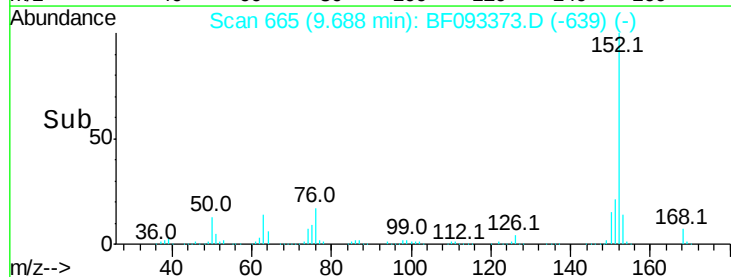
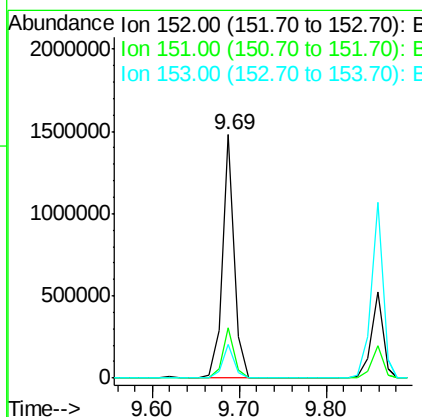
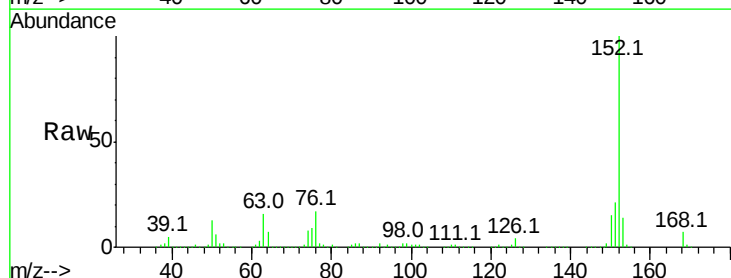
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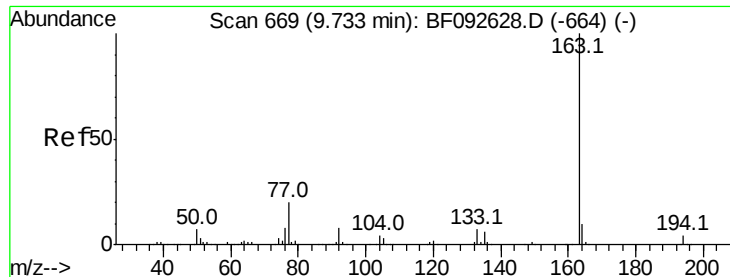
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#48
Acenaphthylene
Concen: 39.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.9	11.4	17.2





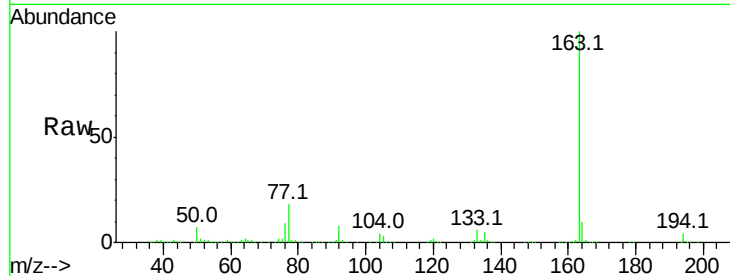
#49
Dimethylphthalate
Concen: 53.40 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

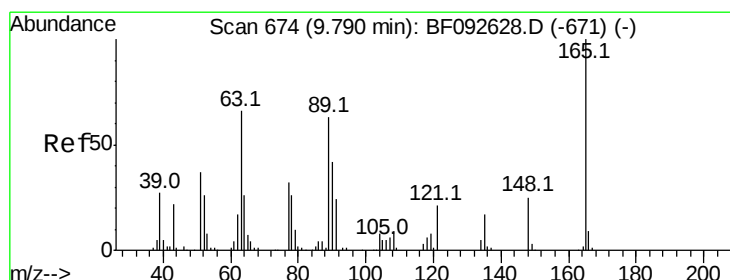
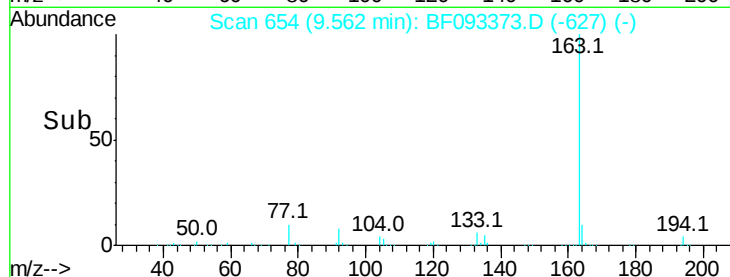
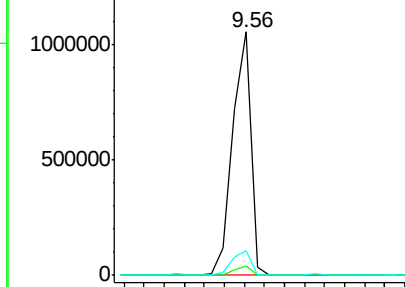
Tot Ion:163 Resp: 1330883
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

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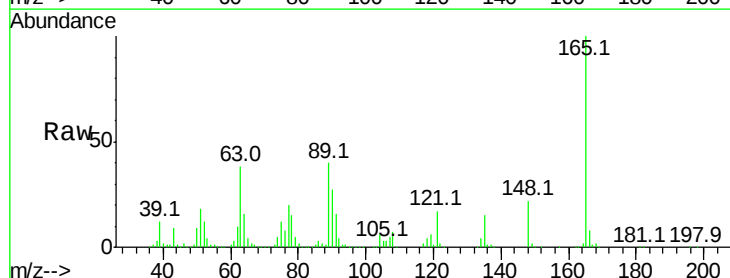


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

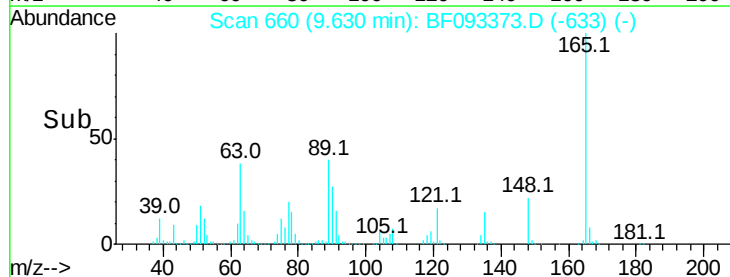
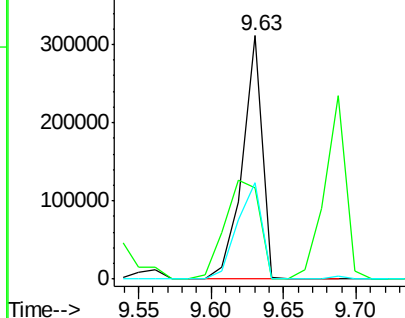


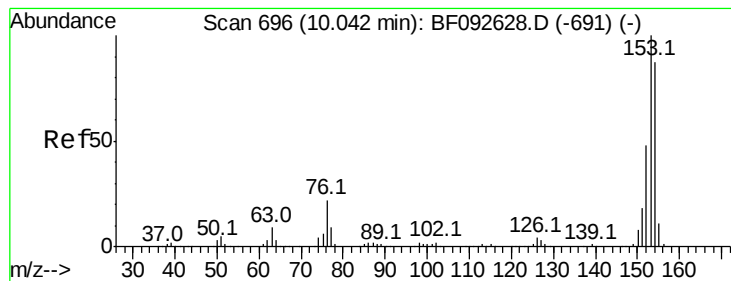
#50
2,6-Dinitrotoluene
Concen: 54.45 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:165 Resp: 293053
Ion Ratio Lower Upper
165 100
63 37.6 36.2 54.4
89 39.6 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.36 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

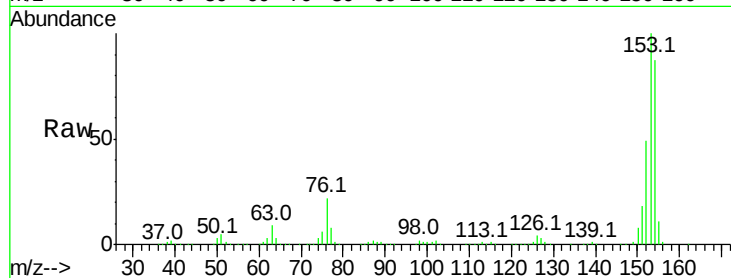
ClientSampleId :

SRI-MW-4-20170302MSD

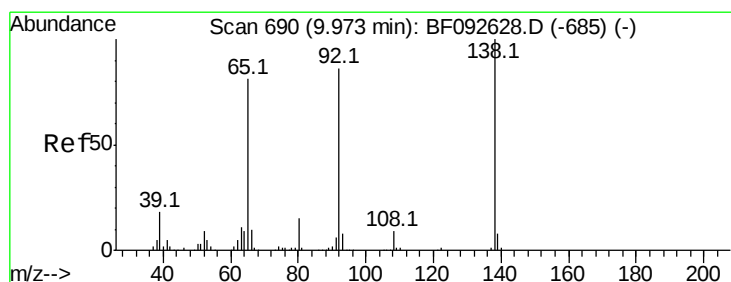
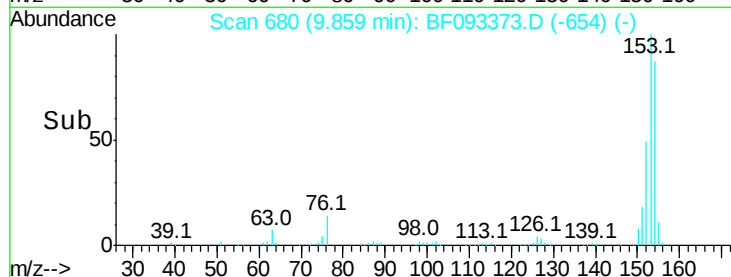
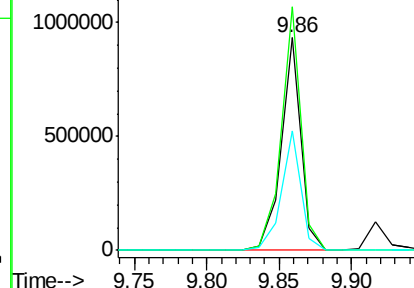
Tot Ion:	154	Resp:	873667
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.6	133.0
152	56.2	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.12 ng

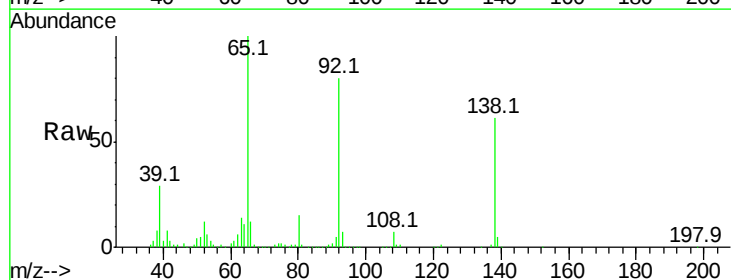
RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

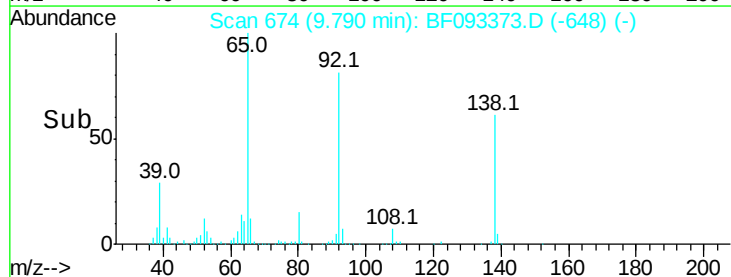
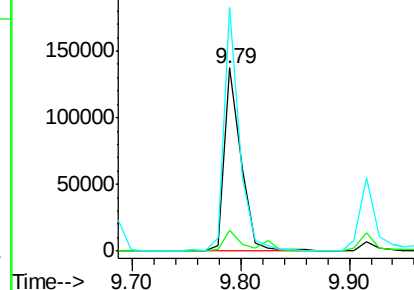
Lab File: BF093373.D

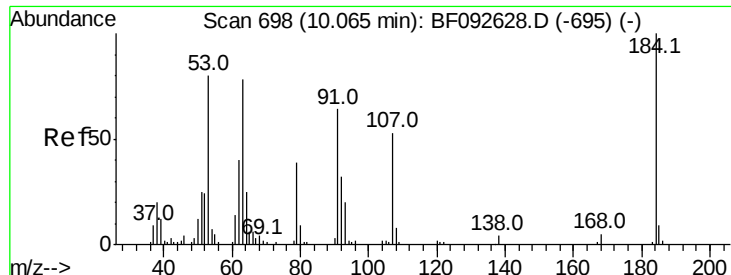
Acq: 3 Mar 2017 21:56

Tgt Ion:	138	Resp:	148586
Ion Ratio	Lower	Upper	
138	100		
108	11.2	8.5	12.7
92	132.8	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





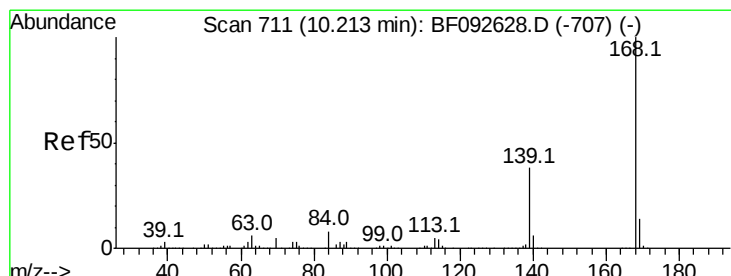
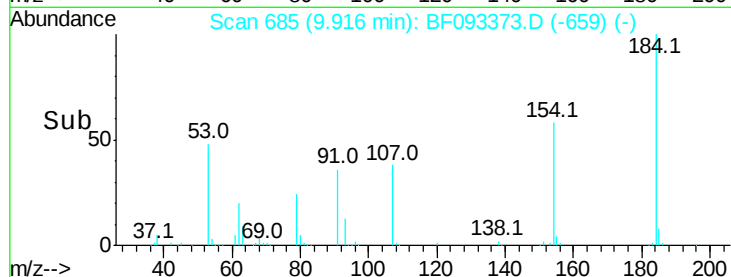
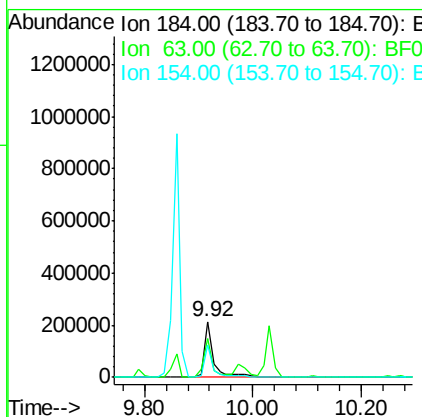
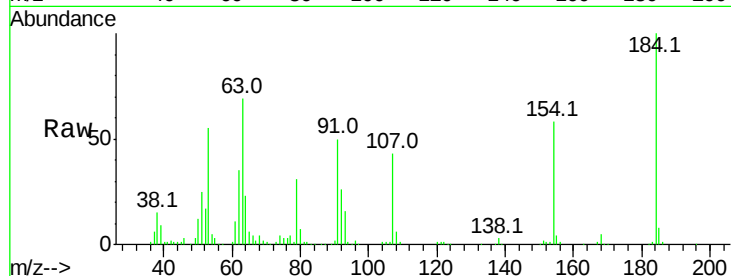
#53
 2,4-Dinitrophenol
 Concen: 94.20 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	260361		
63	68.6	28.4	42.6#	
154	57.7	44.3	66.5	

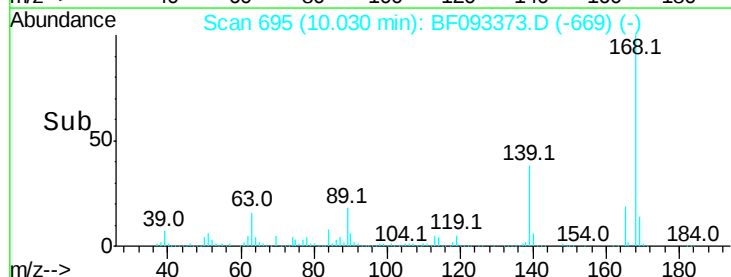
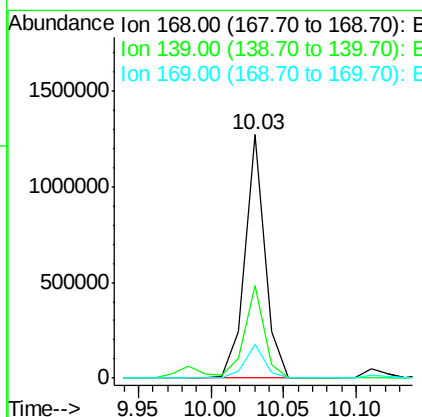
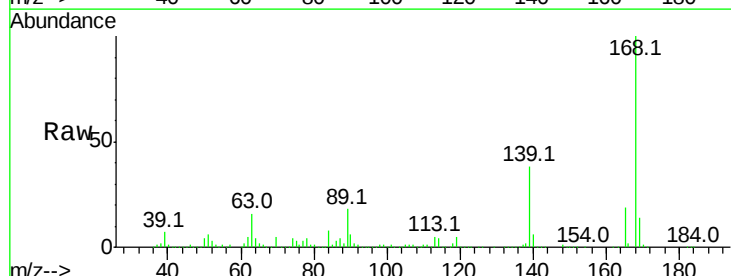
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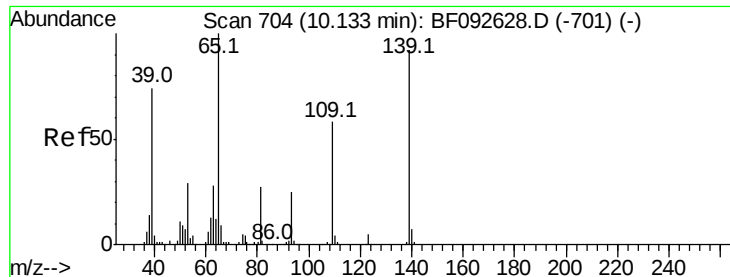
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#54
 Dibenzofuran
 Concen: 42.02 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1216663		
139	38.0	32.6	49.0	
169	13.8	11.3	16.9	





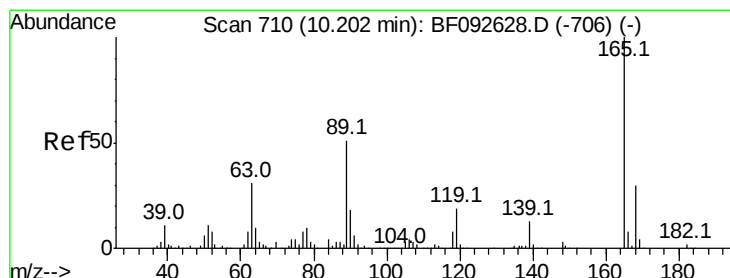
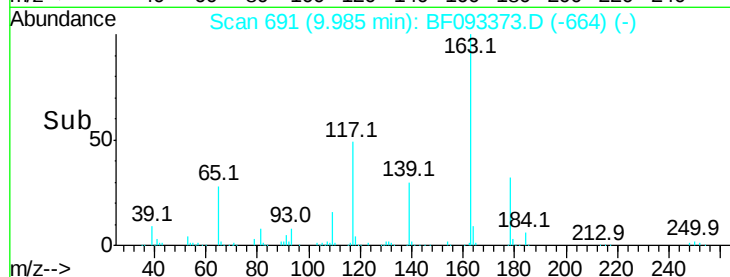
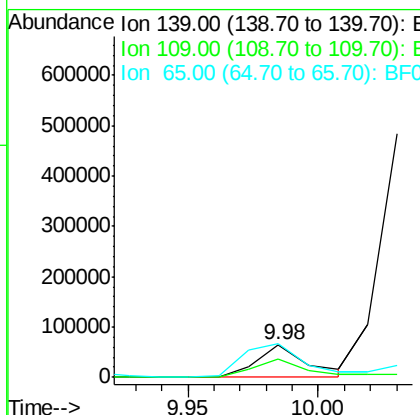
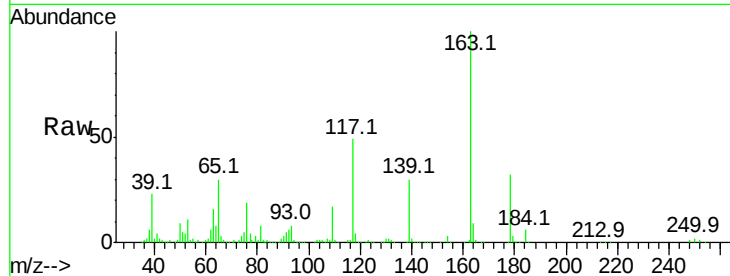
#55
4-Nitrophenol
Concen: 19.56 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion:139 Resp: 86761
Ion Ratio Lower Upper
139 100
109 56.7 52.2 92.2
65 100.1 85.8 125.8

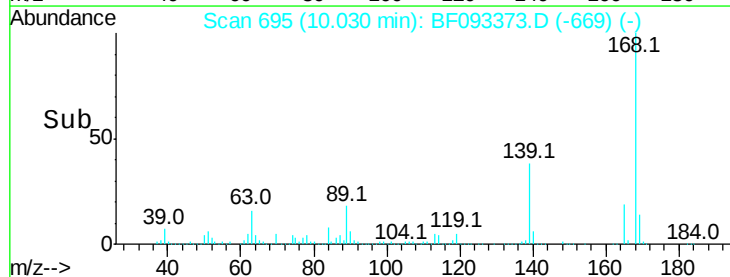
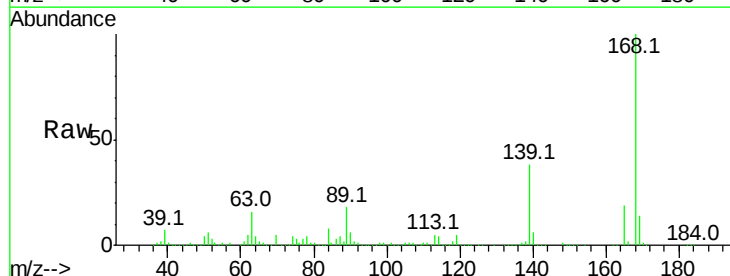
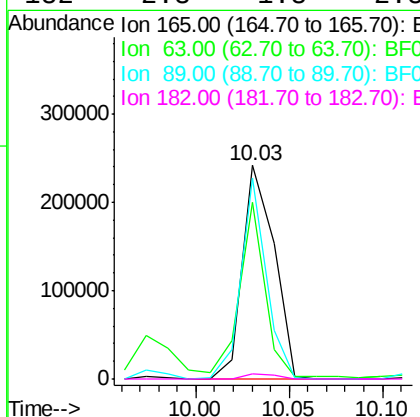
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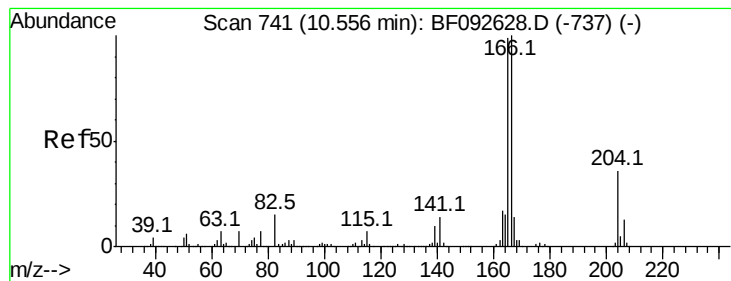
mohammad
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#56
2,4-Dinitrotoluene
Concen: 40.24 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion:165 Resp: 288362
Ion Ratio Lower Upper
165 100
63 82.8 40.2 60.4#
89 94.0 62.5 93.7#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 44.03 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

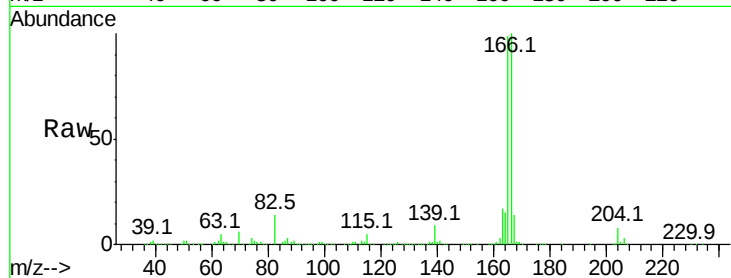
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	980753		
165	98.8		77.8	116.8
167	13.7		10.8	16.2

Manual Integrations
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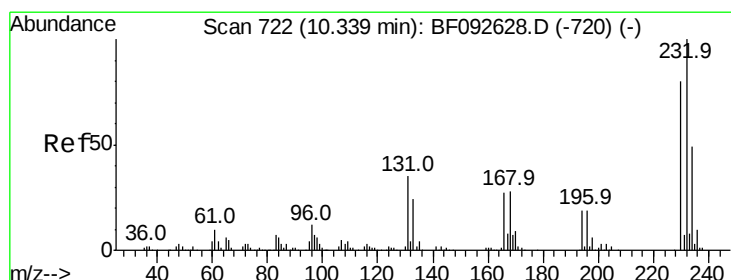
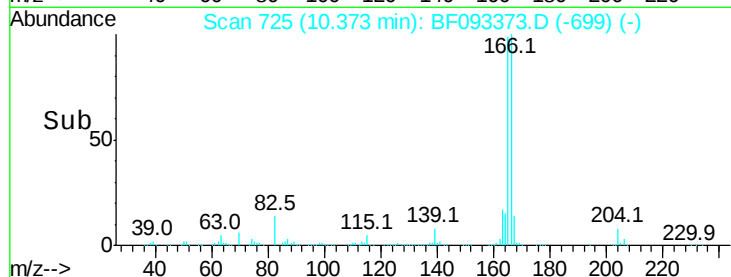
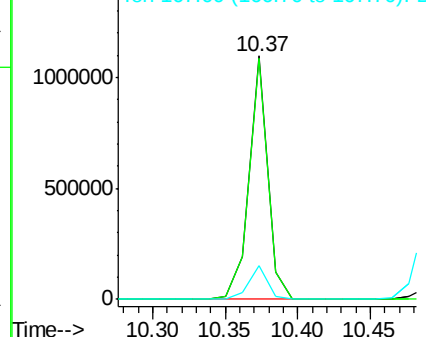


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.23 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	255539		
131	46.9		40.1	60.1
130	2.2		1.8	2.8
166	30.1		26.6	39.8

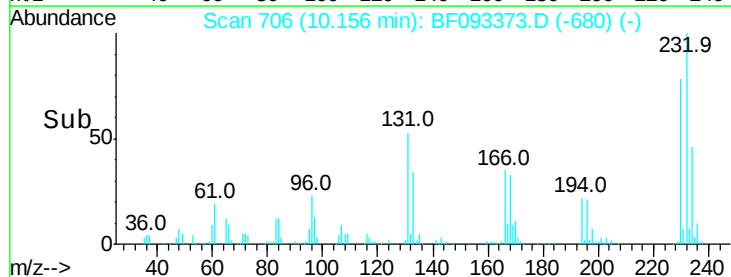
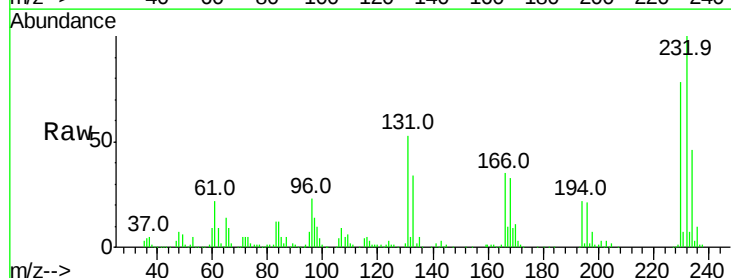
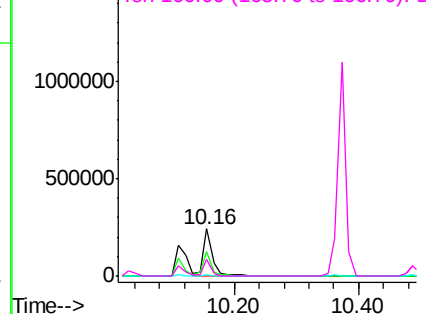
Abundance

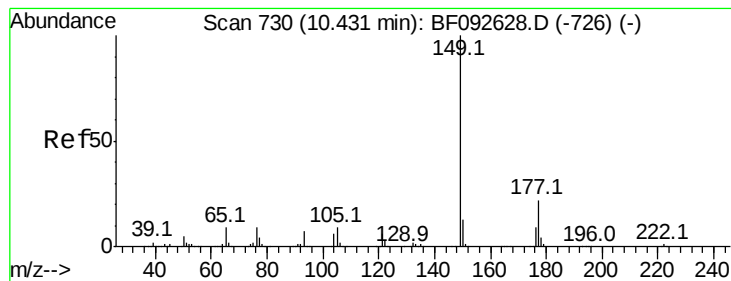
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.60 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:149 Resp: 1070959

Ion Ratio Lower Upper

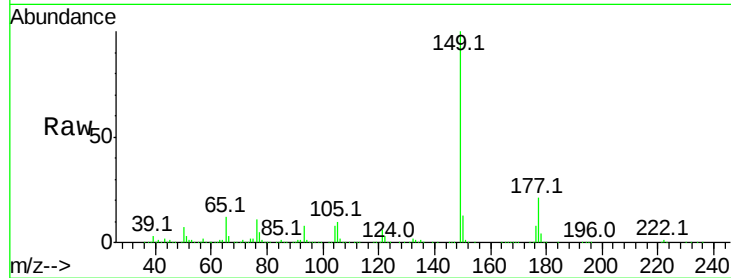
149 100

177 21.0 16.6 25.0

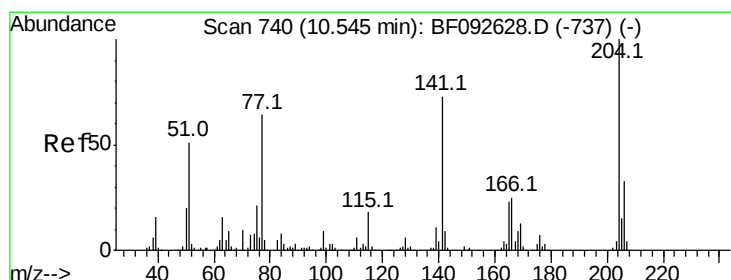
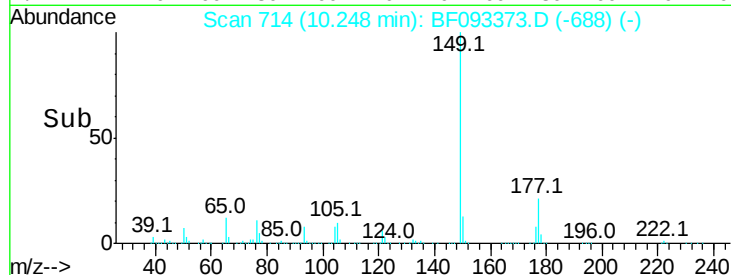
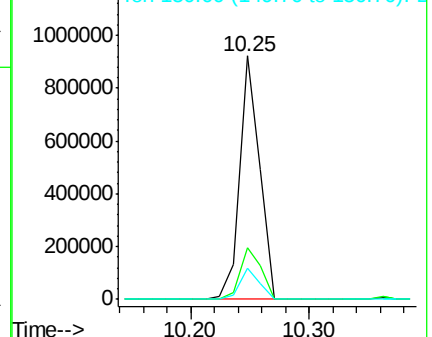
150 12.8 10.4 15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.68 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

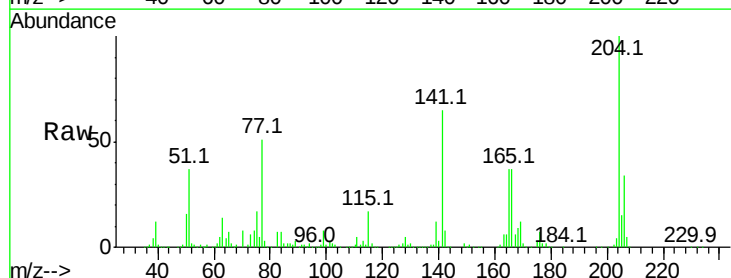
Tgt Ion:204 Resp: 446016

Ion Ratio Lower Upper

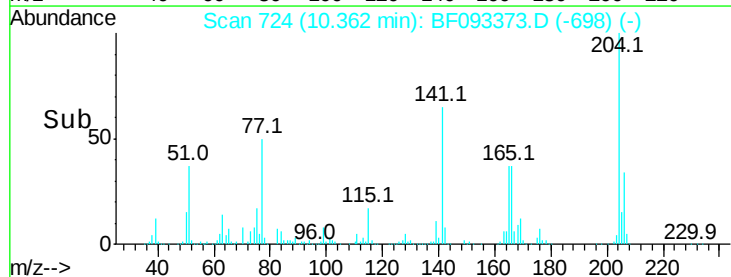
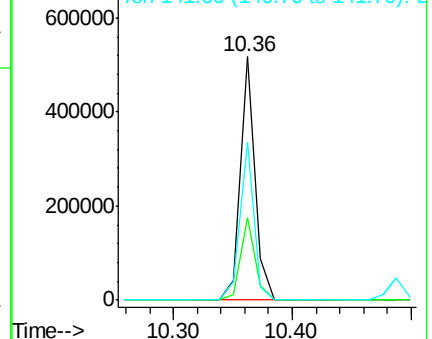
204 100

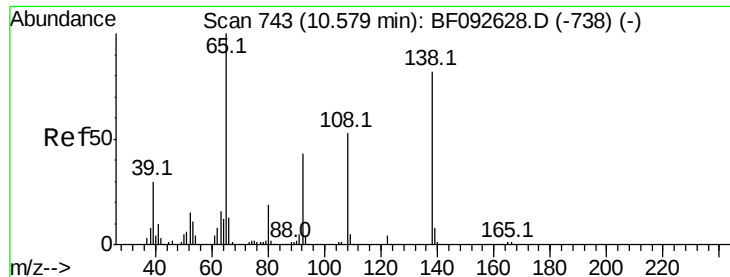
206 33.6 25.8 38.6

141 64.9 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





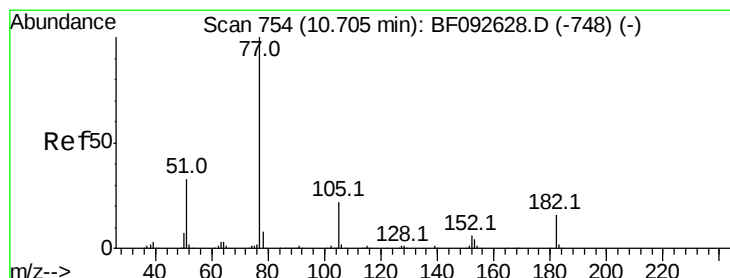
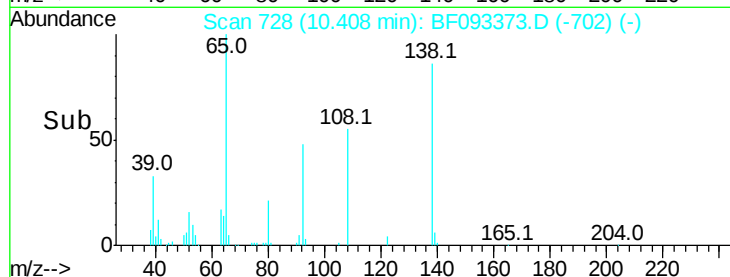
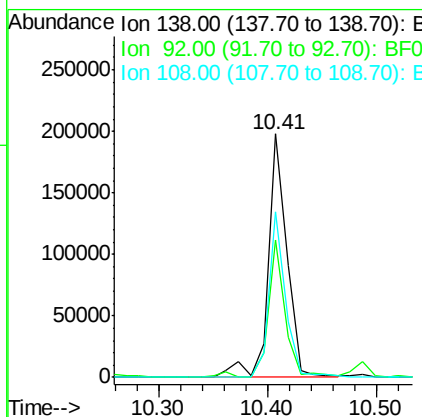
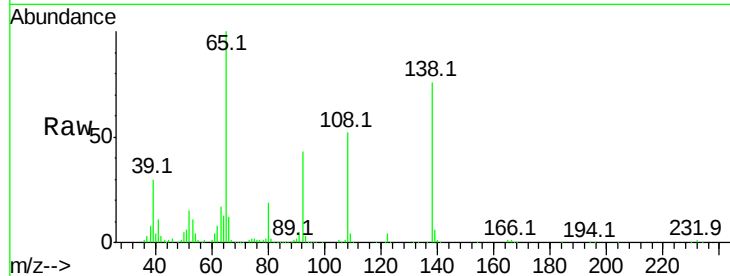
#61
4-Nitroaniline
Concen: 37.72 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.3	31.7	71.7
108	68.3	52.6	92.6

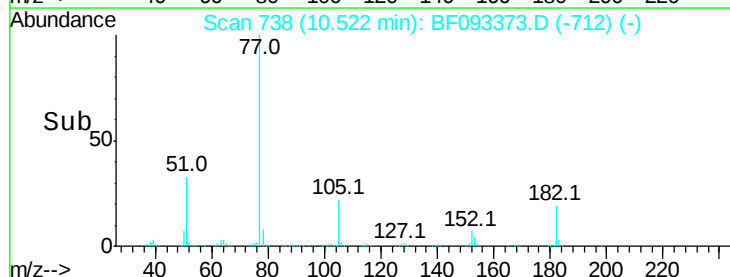
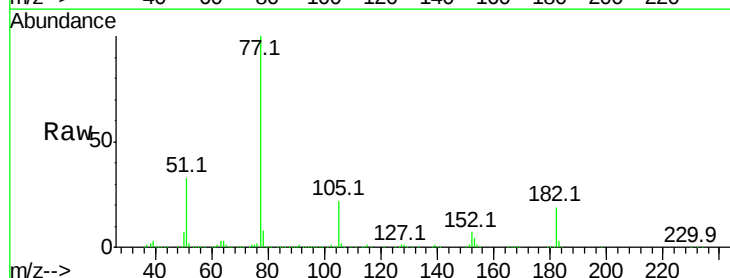
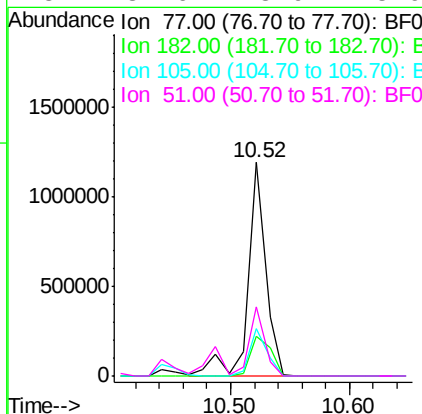
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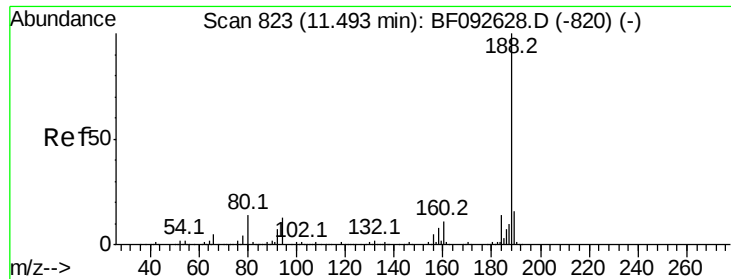
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#62
Azobenzene
Concen: 51.74 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	39.3
105	22.3	2.3	42.3
51	32.6	8.9	48.9





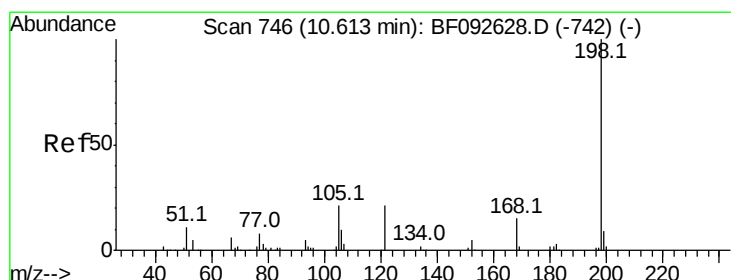
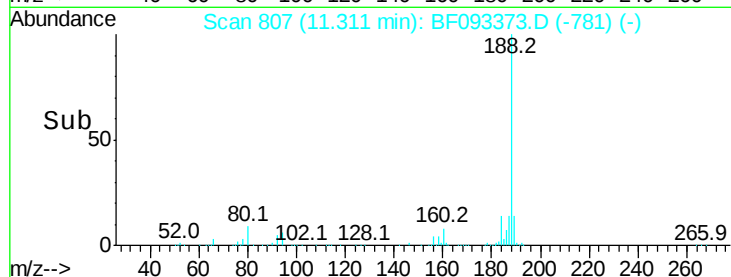
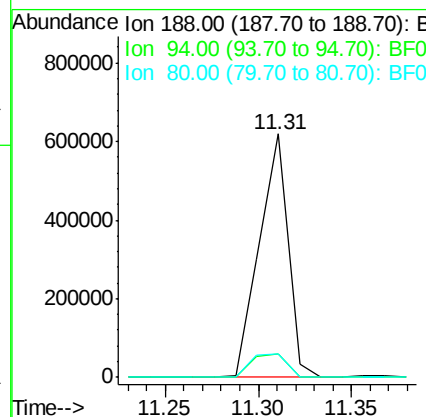
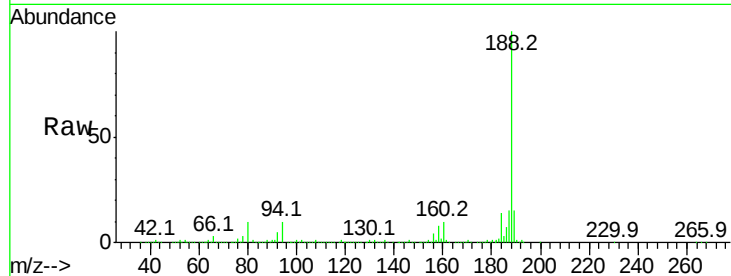
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	659347		
94	9.7	10.0	15.0#	
80	9.9	11.2	16.8#	

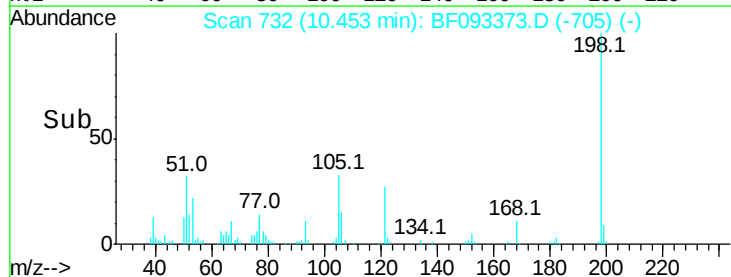
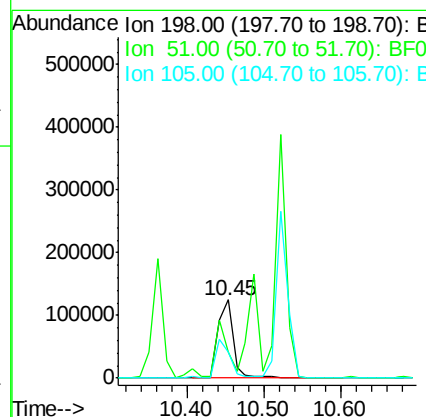
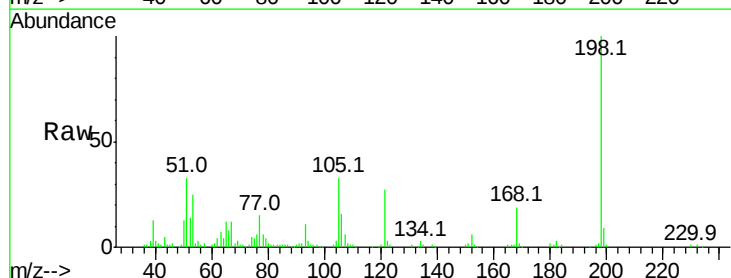
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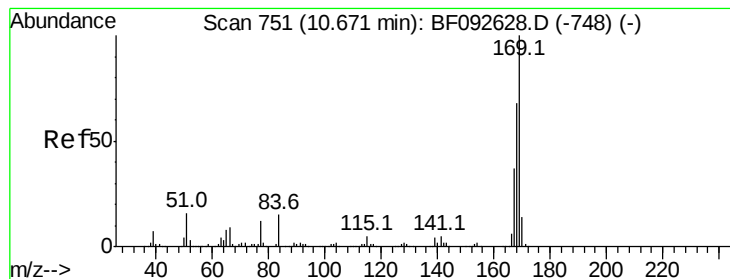
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.82 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	174894		
51	32.6	6.7	46.7	
105	32.5	16.6	56.6	





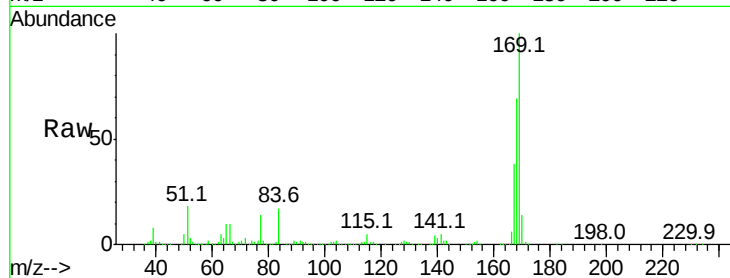
#65
n-Nitrosodiphenylamine
Concen: 40.84 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	860108		
168	69.2		54.2	81.2
167	38.4		30.2	45.4

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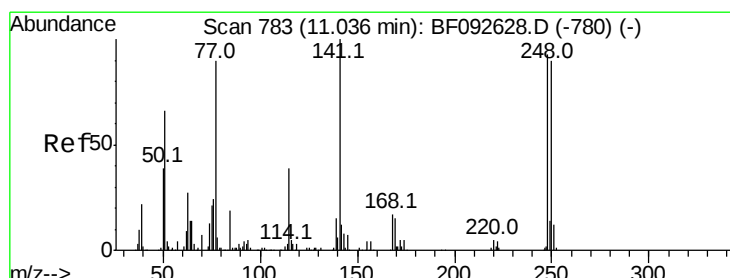
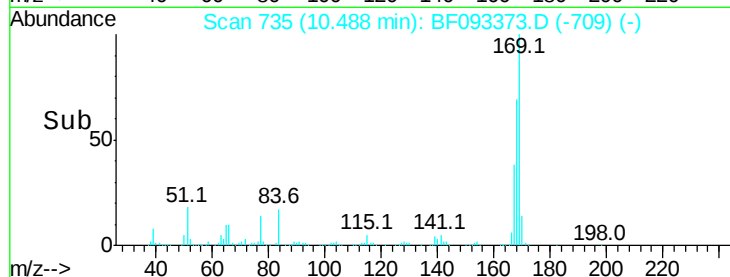
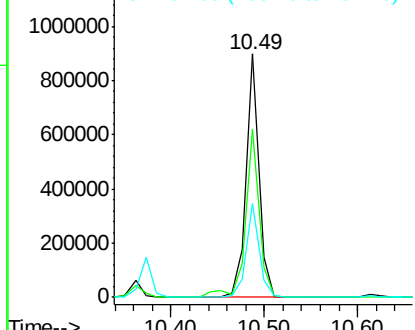


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 43.55 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

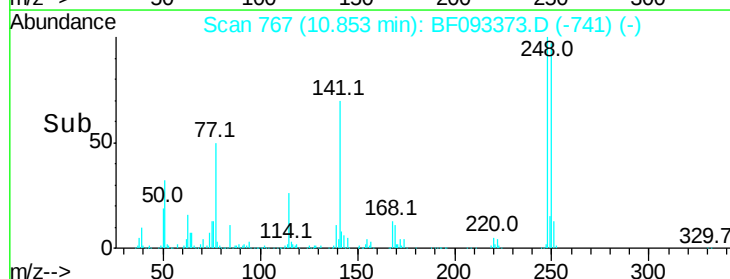
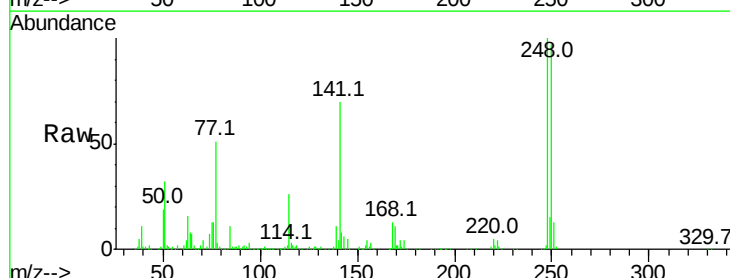
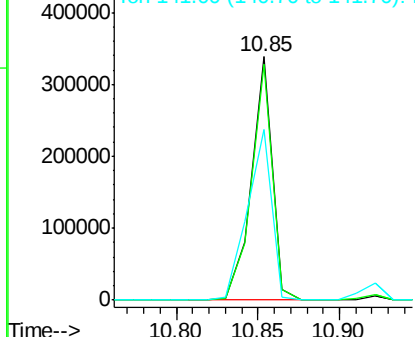
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	300031		
250	96.7		76.9	115.3
141	69.9		68.2	102.4

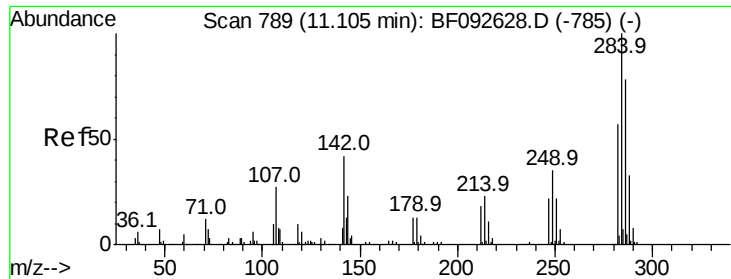
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.56 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

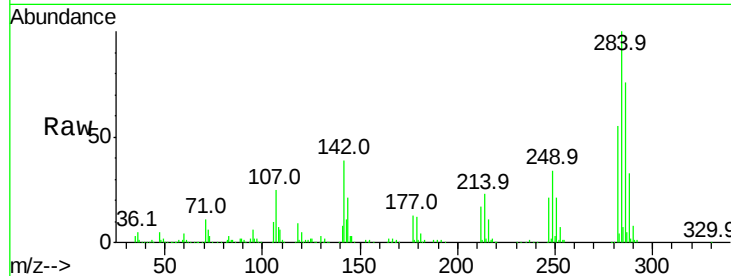
ClientSampleId :

SRI-MW-4-20170302MSD

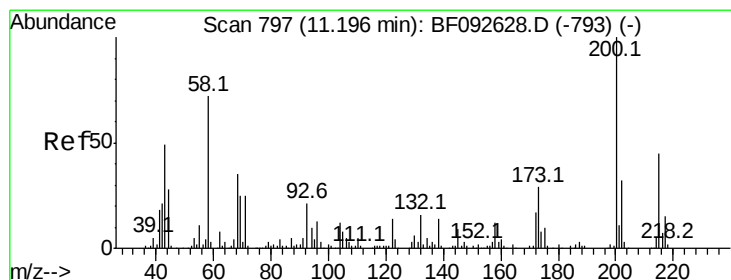
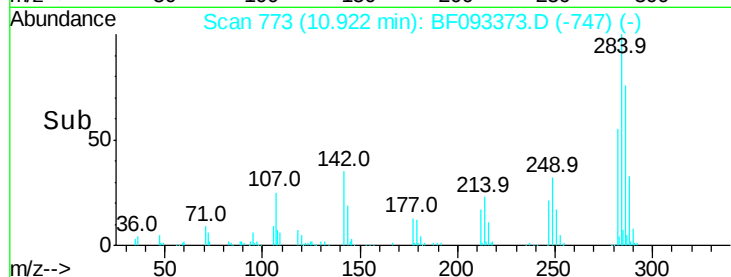
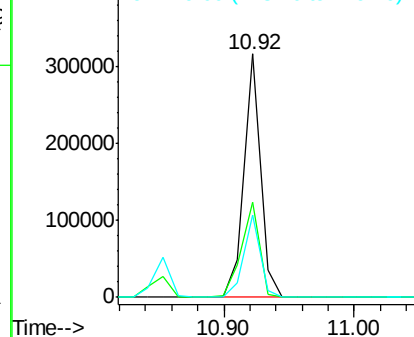
Tot Ion:	284	Resp:	276126
Ion Ratio		Lower	Upper
284	100		
142	39.2	22.6	33.8#
249	33.8	25.4	38.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.26 ng

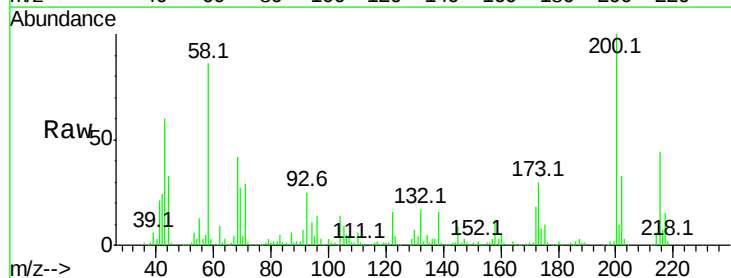
RT: 11.01 min Scan# 781

Delta R.T. -0.00 min

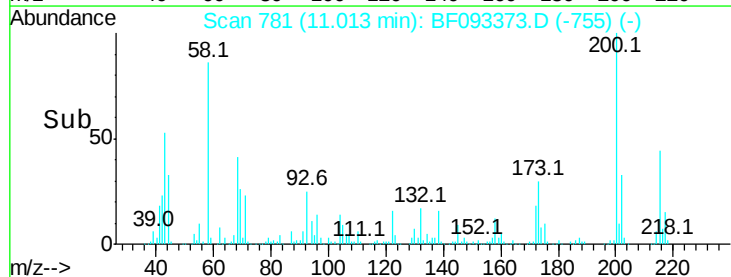
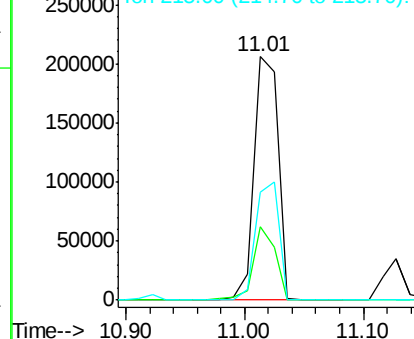
Lab File: BF093373.D

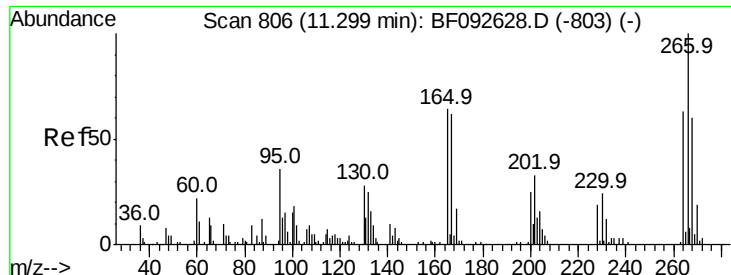
Acq: 3 Mar 2017 21:56

Tgt Ion:	200	Resp:	292417
Ion Ratio		Lower	Upper
200	100		
173	29.9	9.6	49.6
215	44.3	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 69.70 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

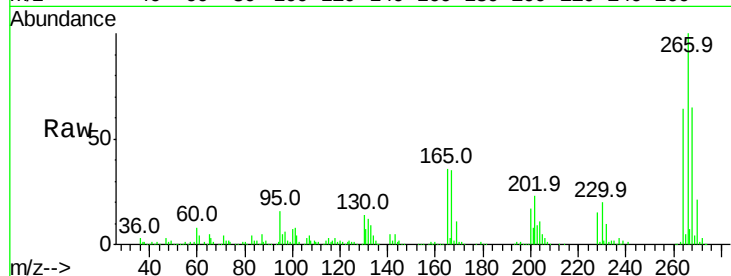
ClientSampleId :

SRI-MW-4-20170302MSD

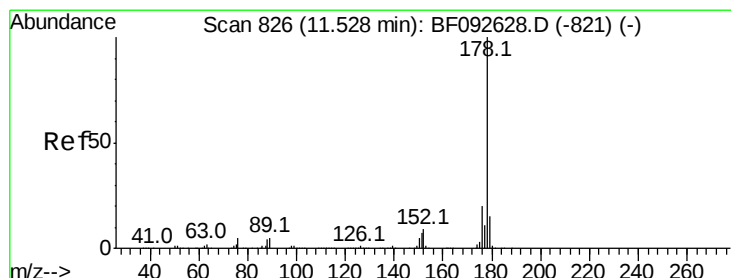
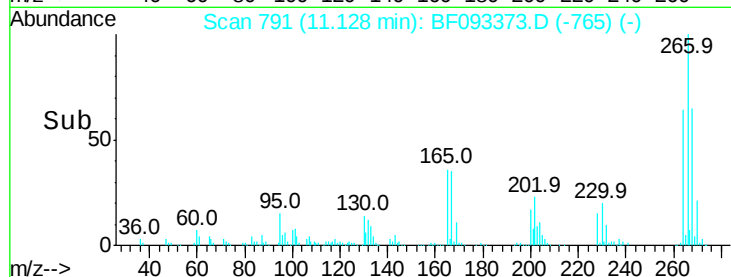
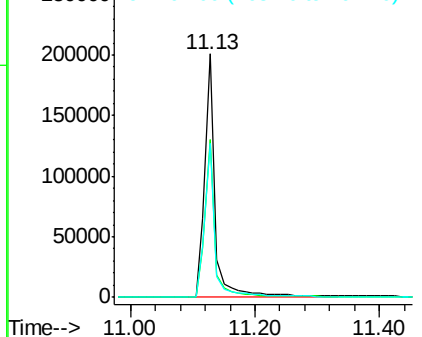
Tot Ion:	266	Resp:	241348
Ion Ratio	Lower	Upper	
266	100		
268	64.9	53.3	79.9
264	63.5	50.3	75.5

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.95 ng

RT: 11.33 min Scan# 809

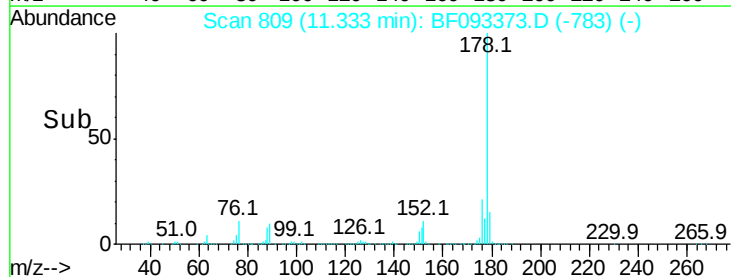
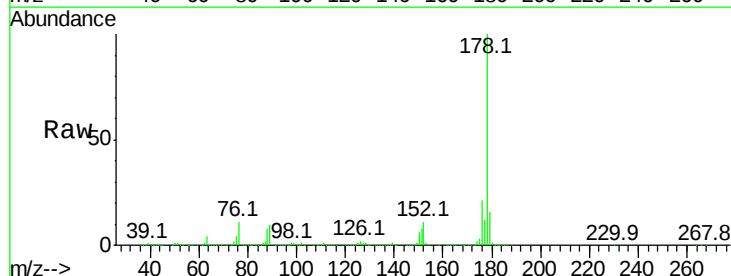
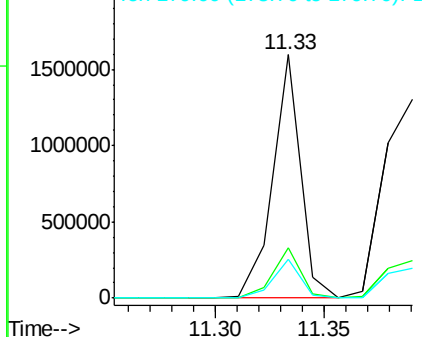
Delta R.T. -0.00 min

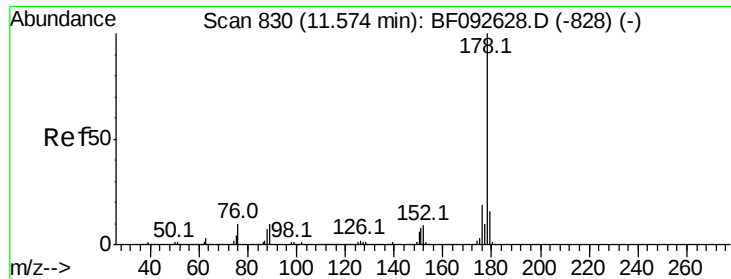
Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	178	Resp:	1433591
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.6	25.0
179	15.7	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





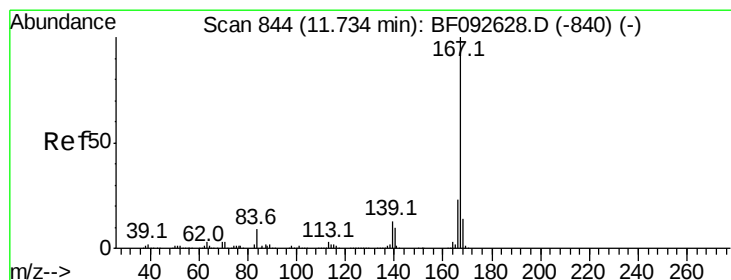
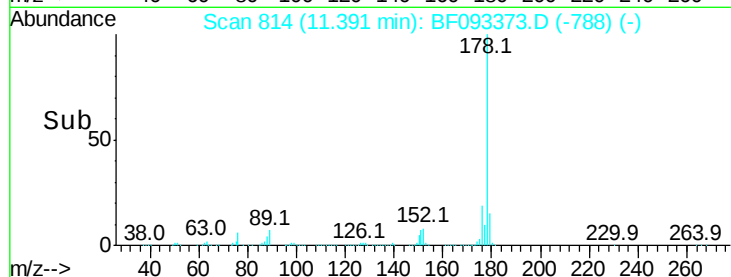
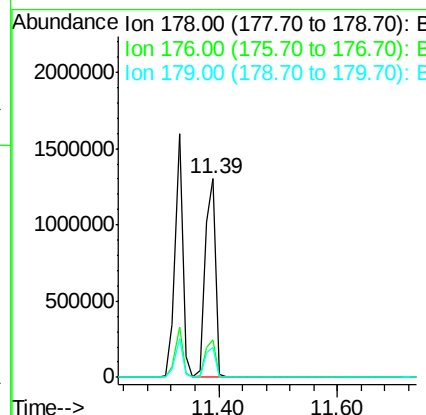
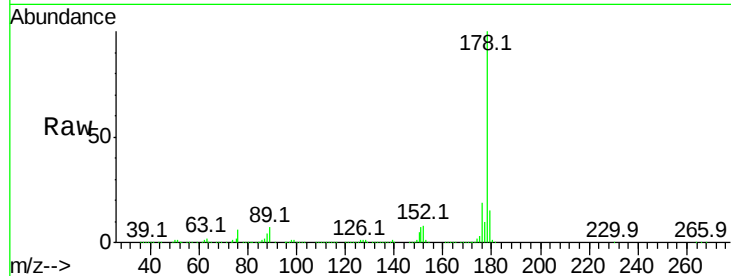
#71
 Anthracene
 Concen: 43.41 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion:178 Resp: 1646635
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.3 13.2 19.8

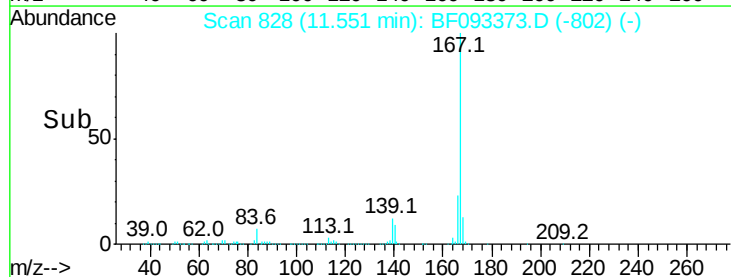
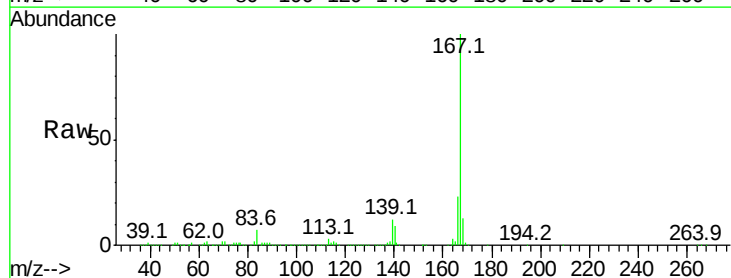
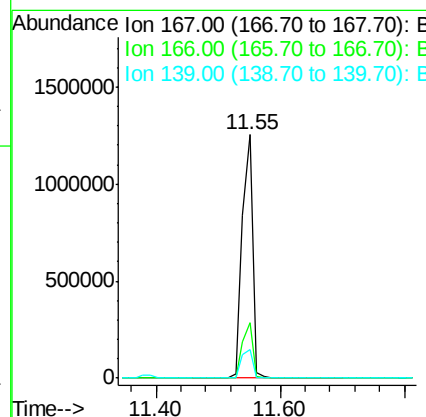
Manual Integrations
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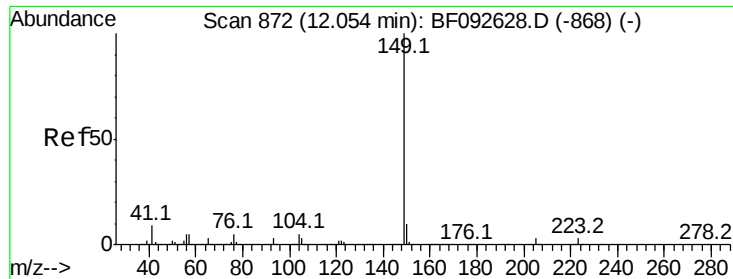
mohammad
 3/6/2017 4:23:30 PM



#72
 Carbazole
 Concen: 40.96 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:167 Resp: 1485288
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 11.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.71 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

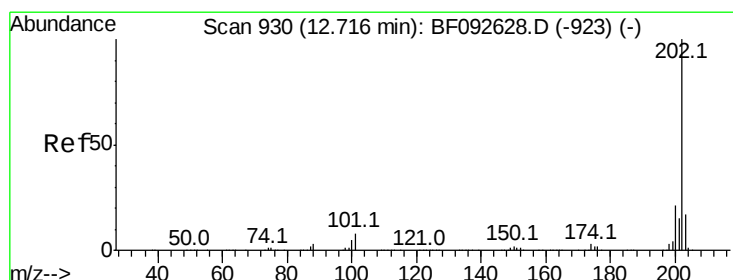
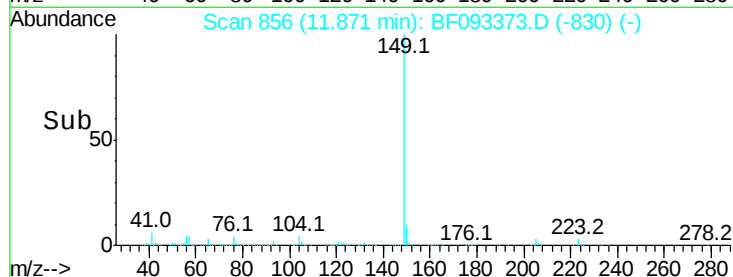
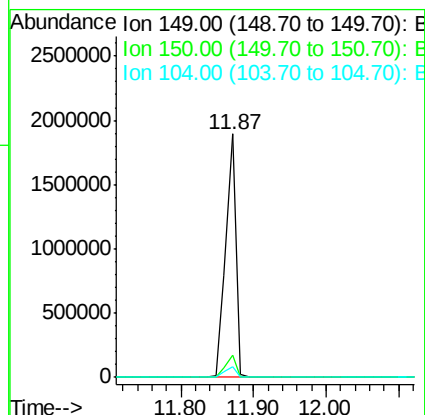
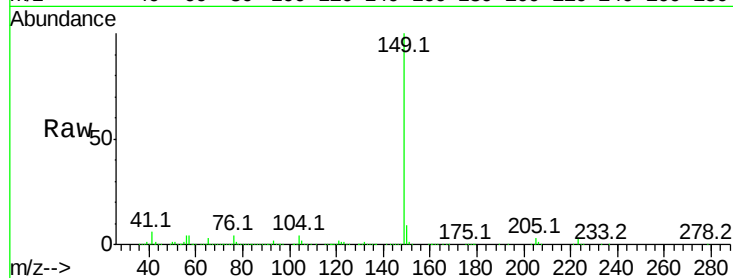
SRI-MW-4-20170302MSD

Tot Ion:149 Resp: 1870954

Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	4.2	4.6	7.0

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#74

Fluoranthene

Concen: 41.11 ng

RT: 12.52 min Scan# 913

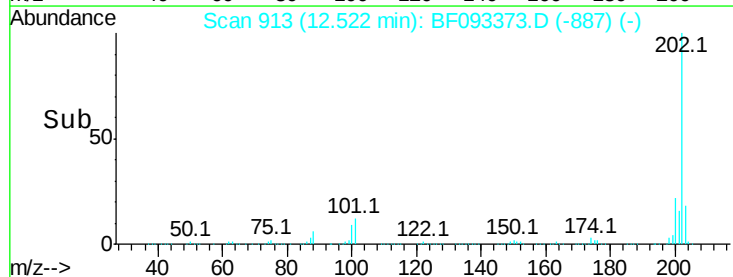
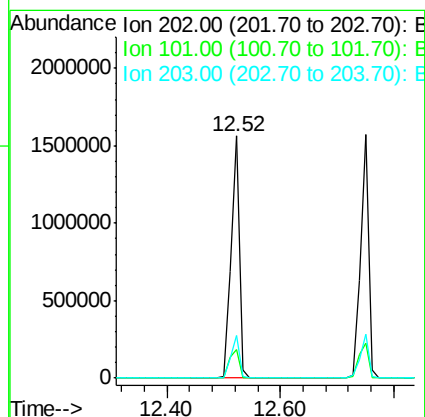
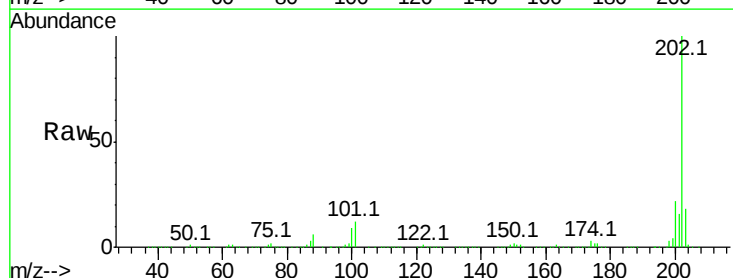
Delta R.T. -0.00 min

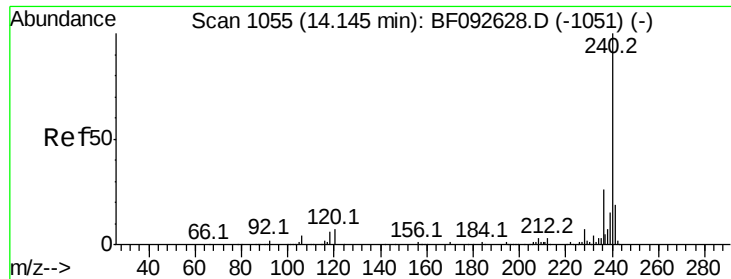
Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:202 Resp: 1601908

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	17.8	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

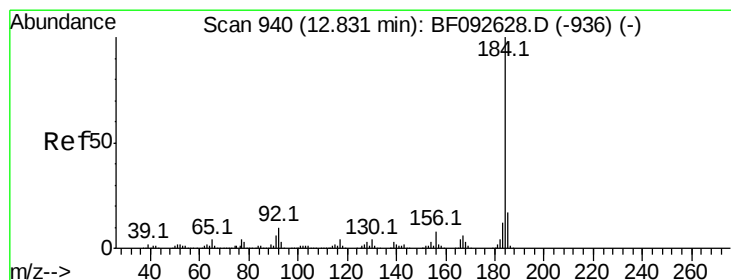
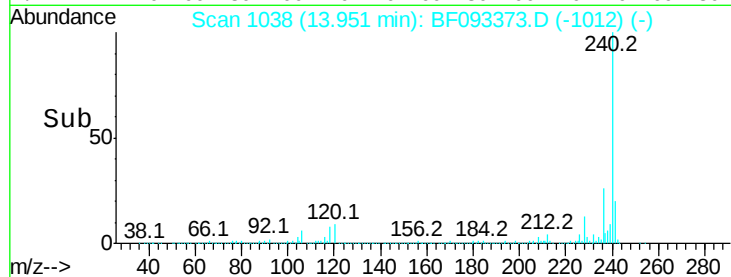
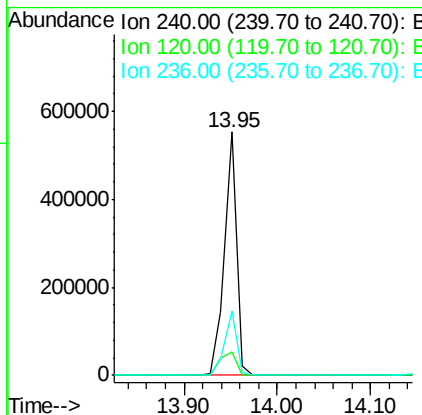
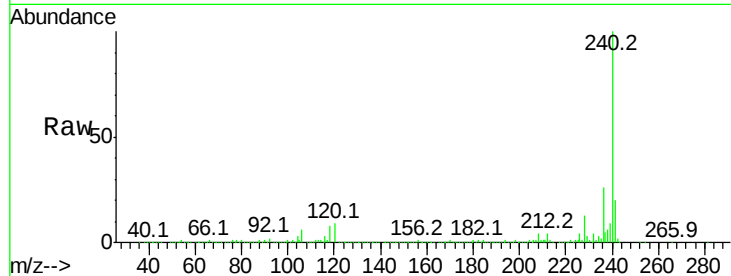
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	240	Resp:	500275
Ion Ratio	Lower	Upper	
240	100		
120	9.5	12.9	19.3#
236	26.3	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 22.05 ng

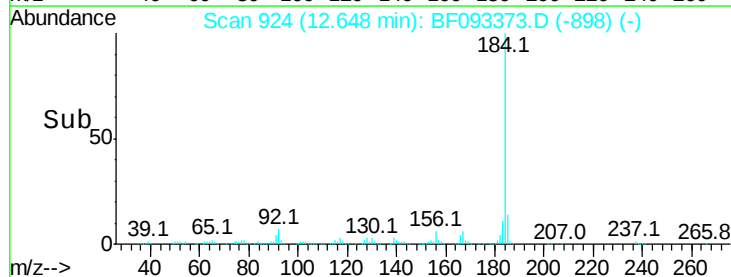
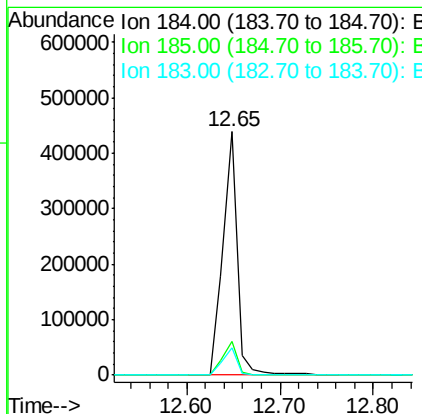
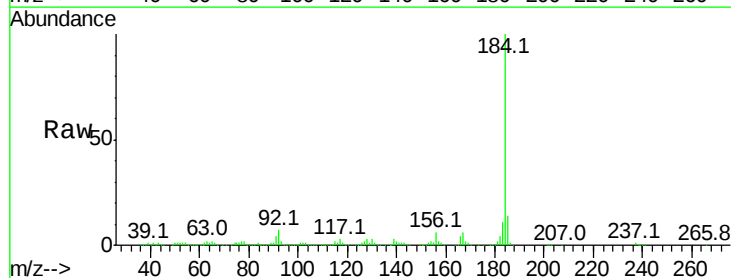
RT: 12.65 min Scan# 924

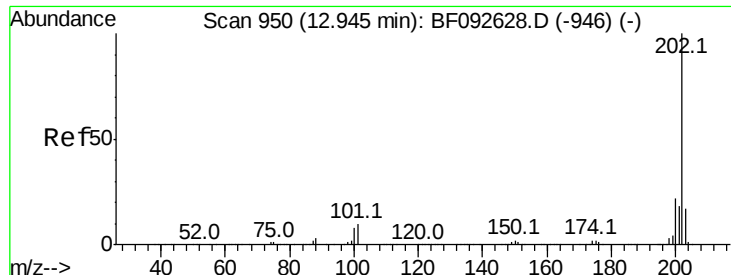
Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	184	Resp:	470150
Ion Ratio	Lower	Upper	
184	100		
185	13.7	13.4	20.0
183	11.4	9.2	13.8





#77

Pvrene

Concen: 41.89 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:202 Resp: 1568319

Ion Ratio Lower Upper

202 100

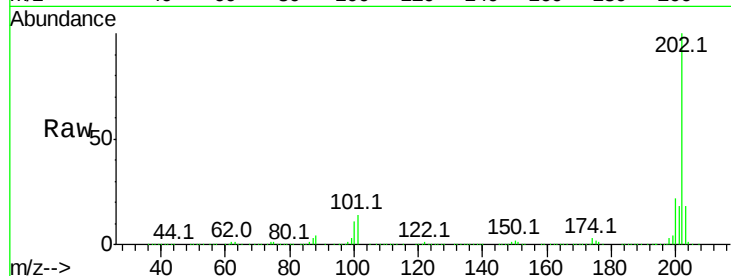
200 22.2 17.7 26.5

203 17.8 14.7 22.1

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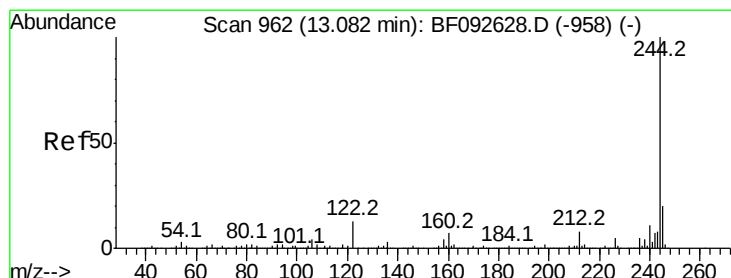
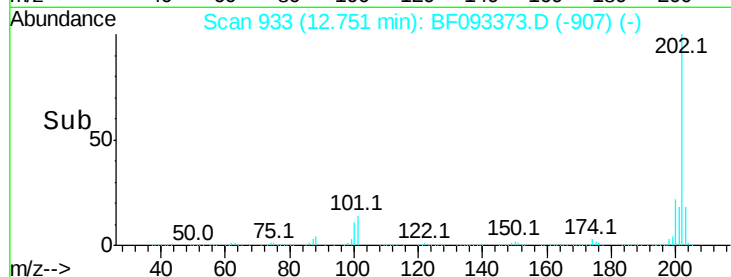
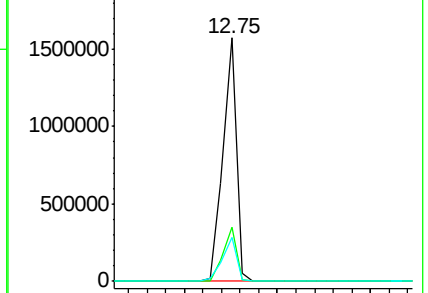
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.94 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

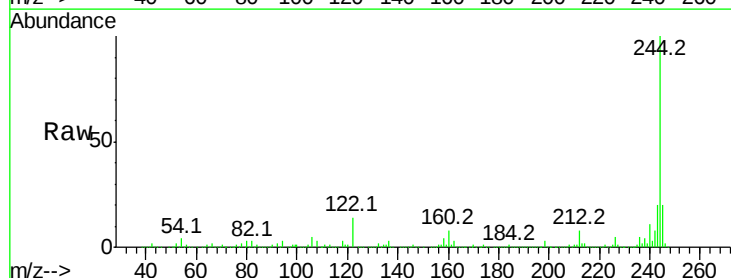
Tgt Ion:244 Resp: 1467889

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

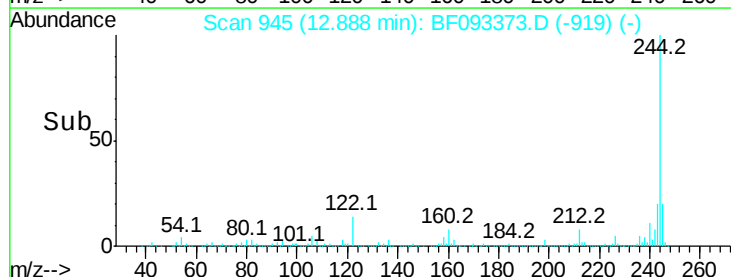
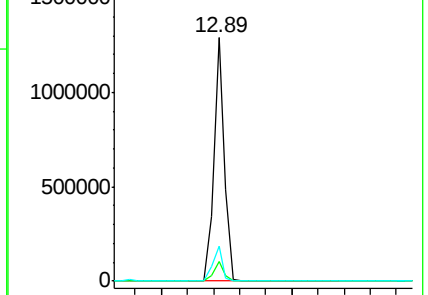
122 14.1 11.4 17.2

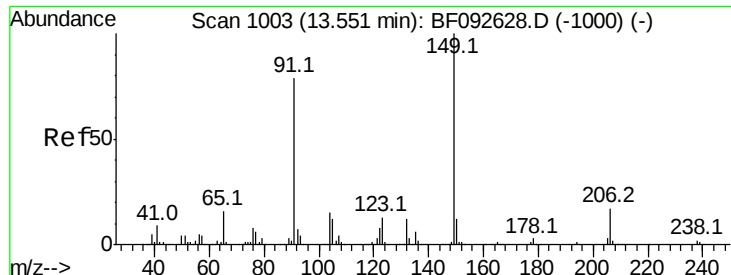


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





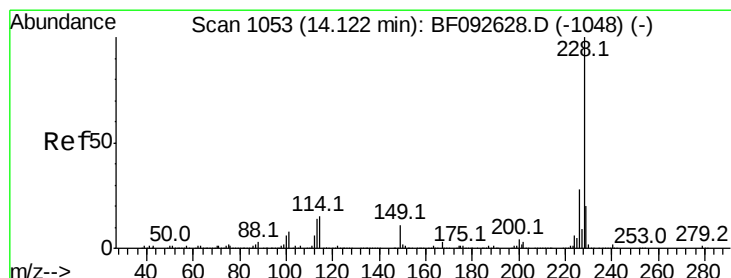
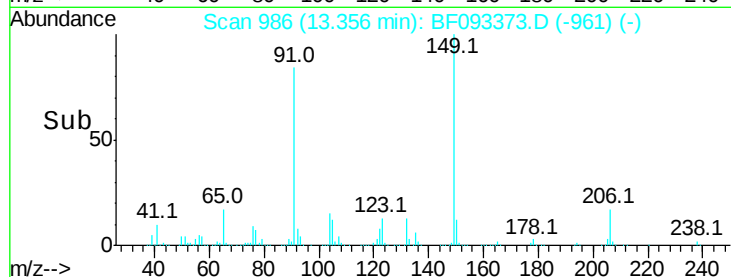
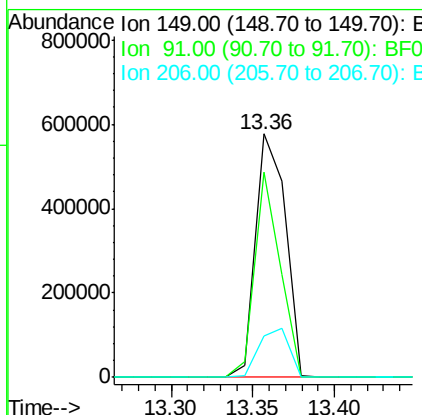
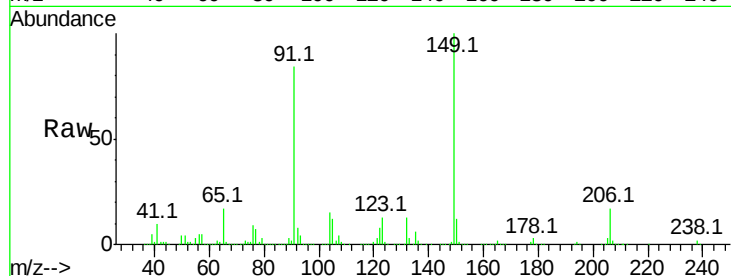
#79
Butylbenzylphthalate
Concen: 48.50 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	737312		
91	84.4	63.9	95.9	
206	17.0	14.6	21.8	

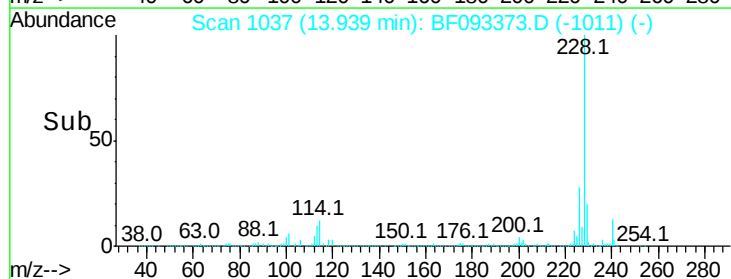
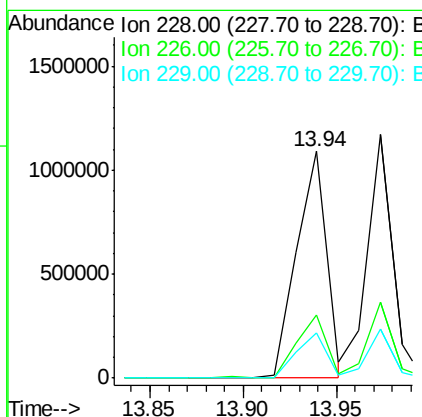
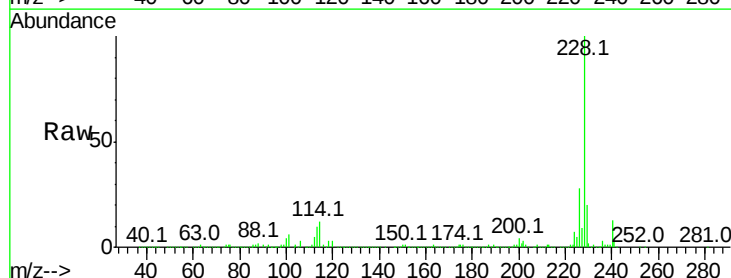
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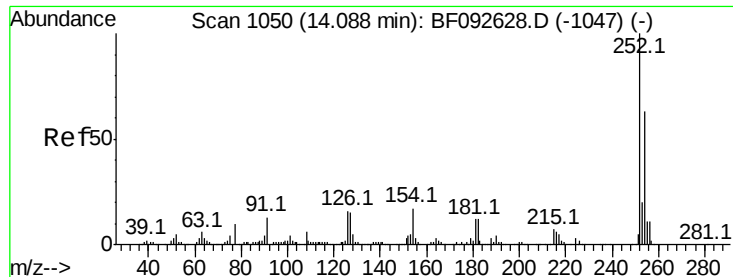
mohammad
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#80
Benzo(a)anthracene
Concen: 40.04 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1225162		
226	27.9	22.4	33.6	
229	19.7	16.2	24.4	





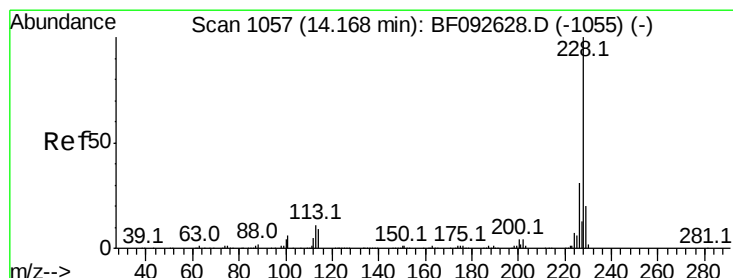
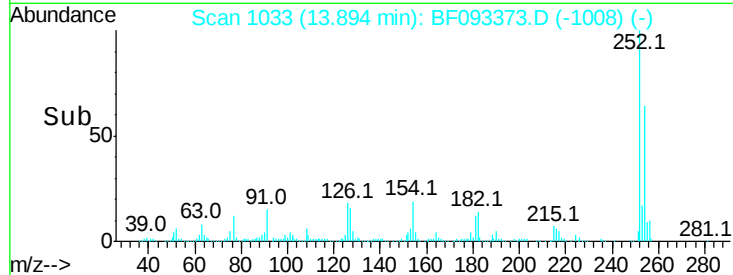
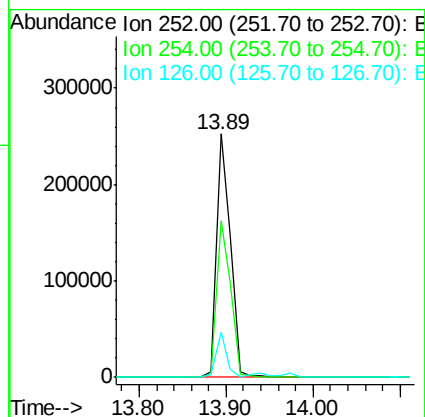
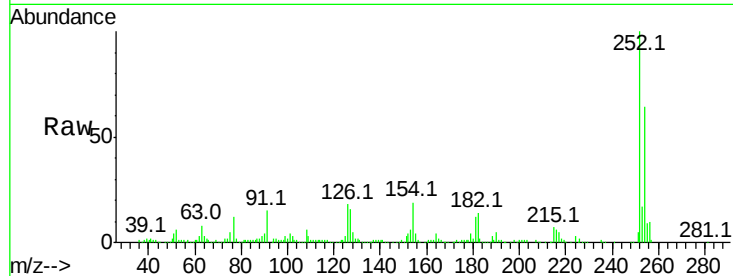
#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion:	252	Resp:	288779
Ion Ratio		Lower	Upper
252	100		
254	64.3	52.3	78.5
126	18.3	13.6	20.4

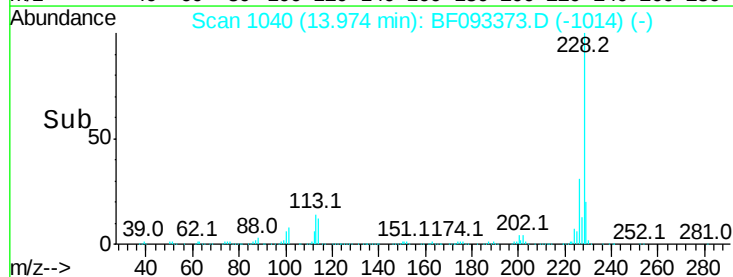
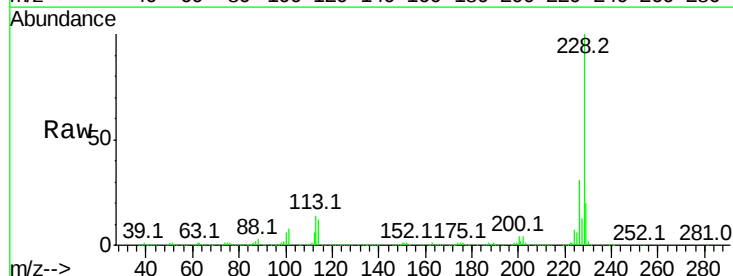
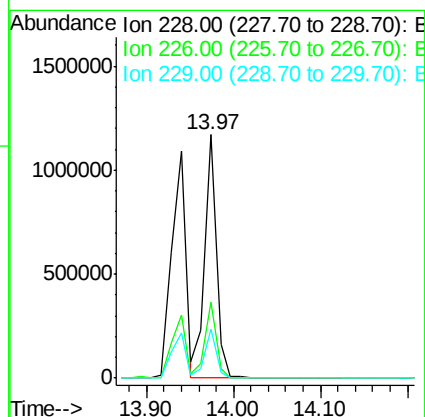
Manual Integrations
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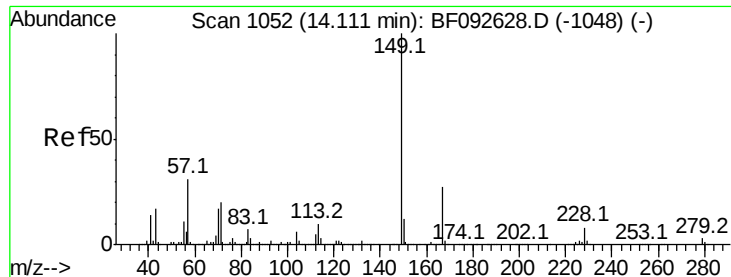
mohammad
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#82
 Chrysene
 Concen: 37.92 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion:	228	Resp:	1086437
Ion Ratio		Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.1	16.2	24.2





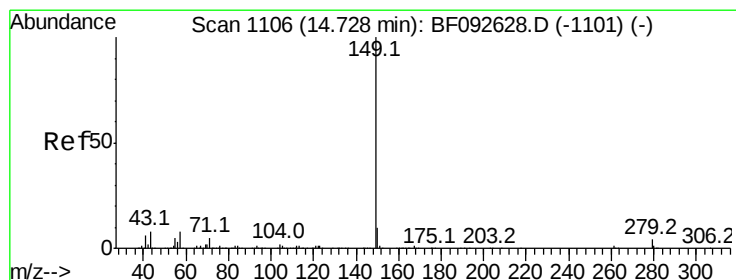
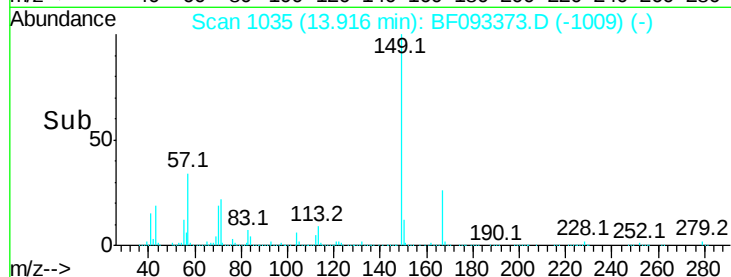
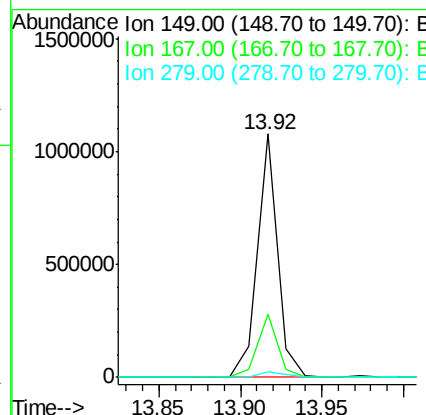
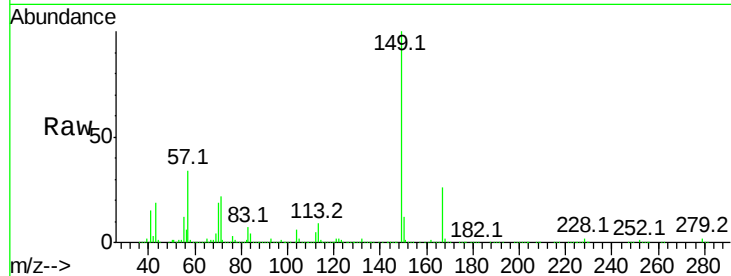
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.57 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.5	1.8	2.8

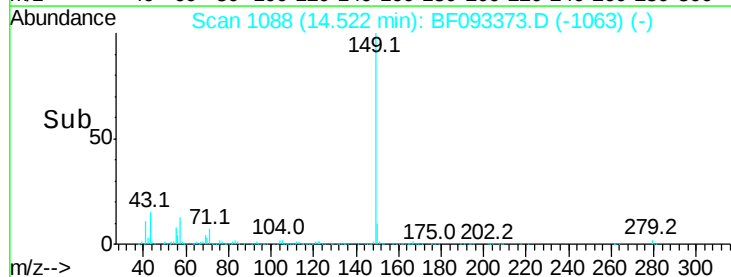
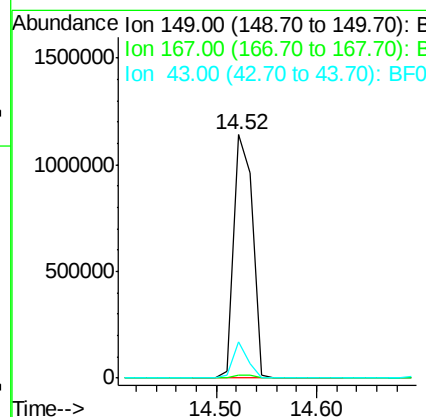
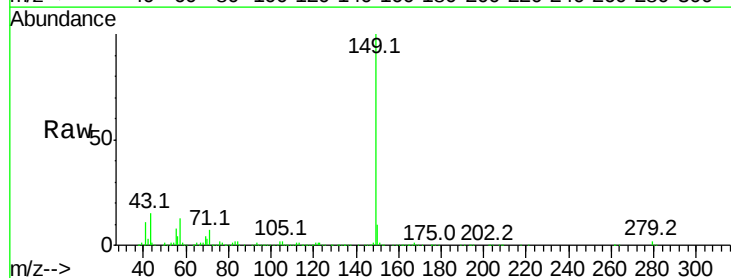
Manual Integrations
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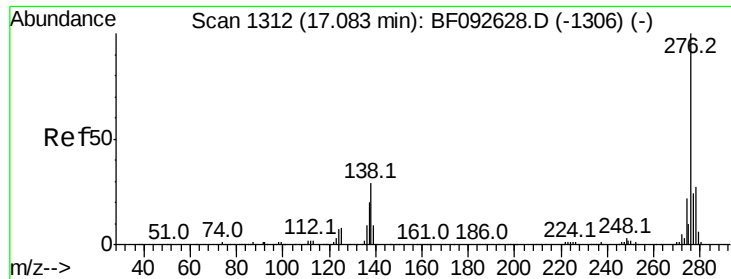
mohammad
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#84
Di-n-octyl phthalate
Concen: 43.71 ng
RT: 14.52 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	8.9	13.3





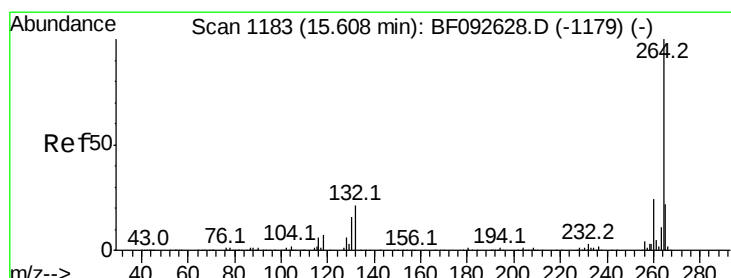
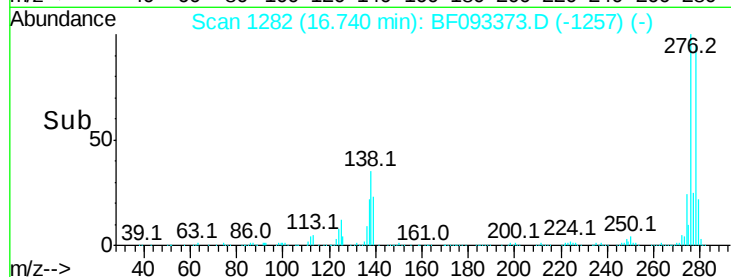
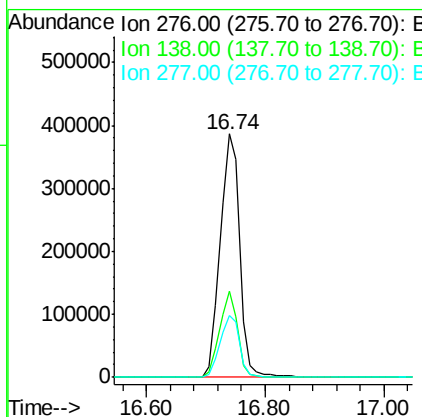
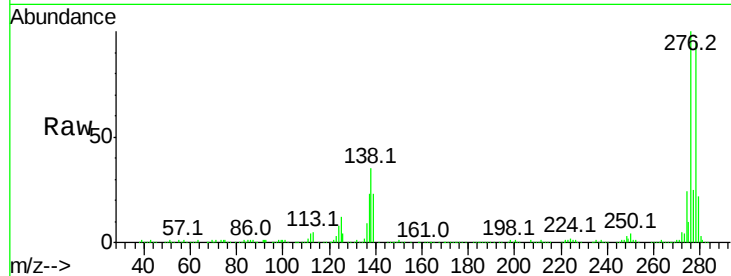
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.62 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6
277	25.3	20.2	30.4

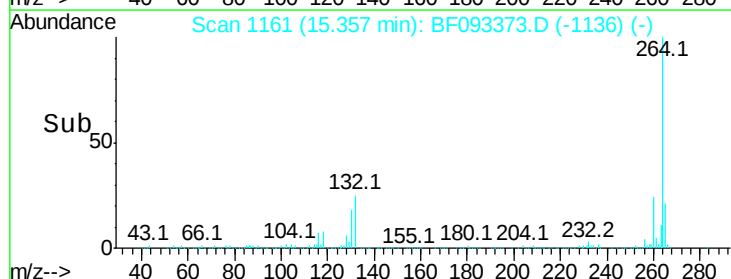
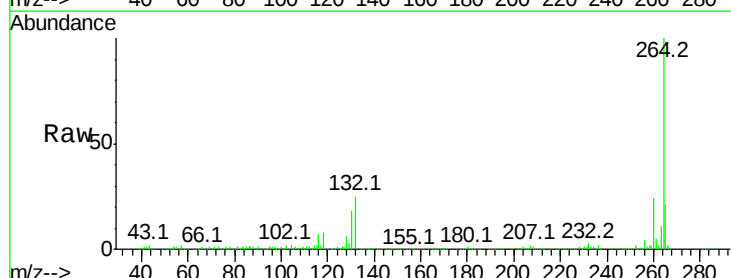
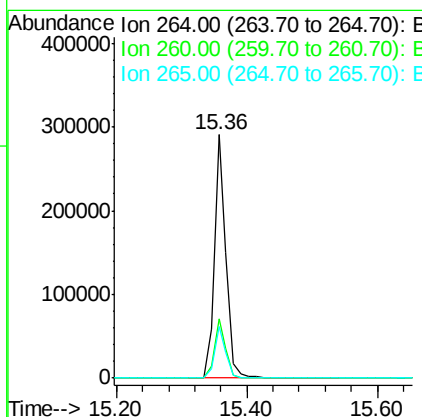
Manual Integrations
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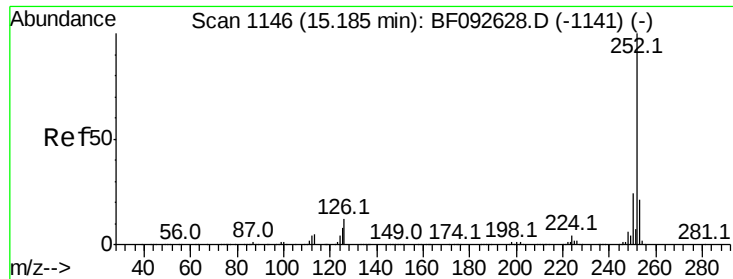
mohammad
 3/6/2017 4:23:30 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF093373.D
 Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.4	26.0





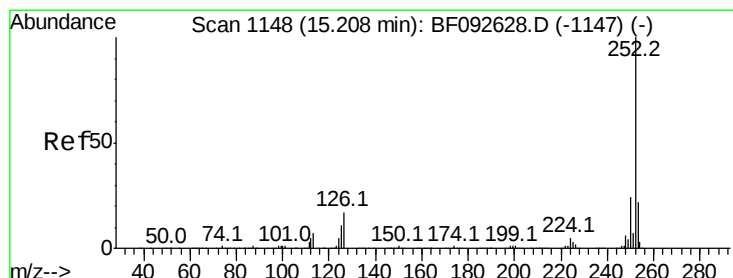
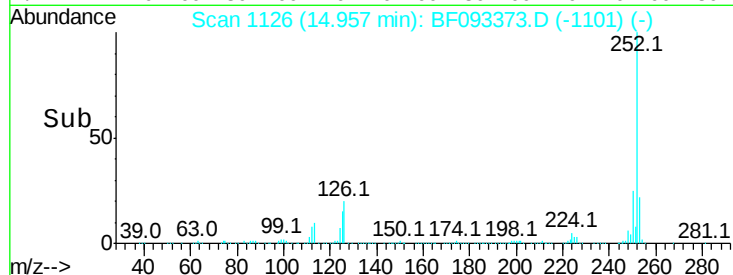
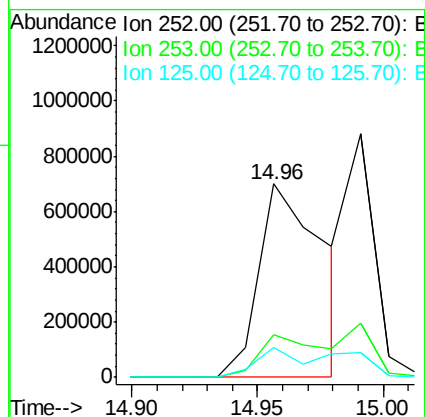
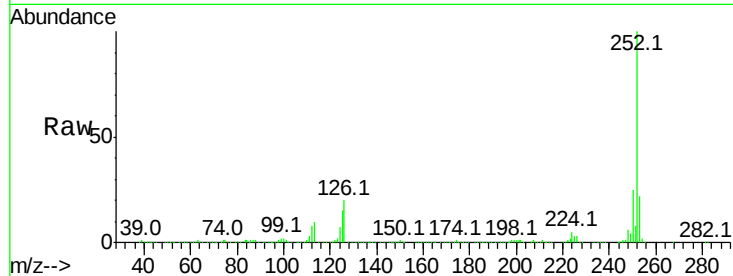
#87
Benzo(b)fluoranthene
Concen: 52.33 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	15.2	9.8	14.6

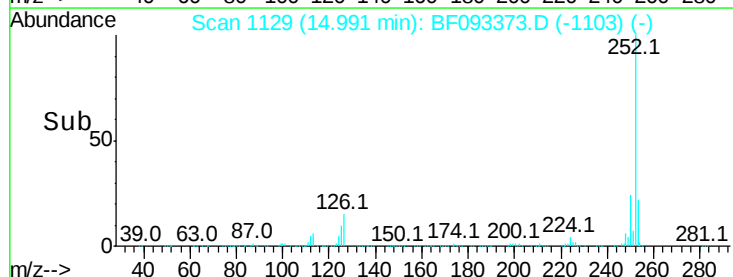
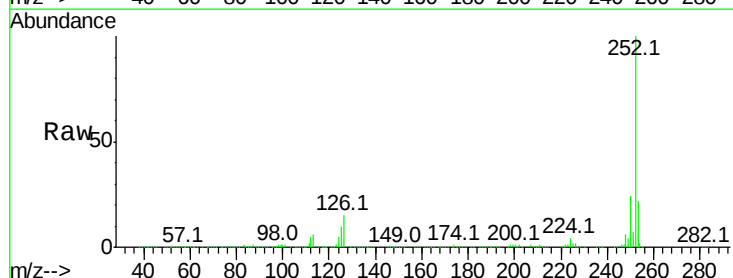
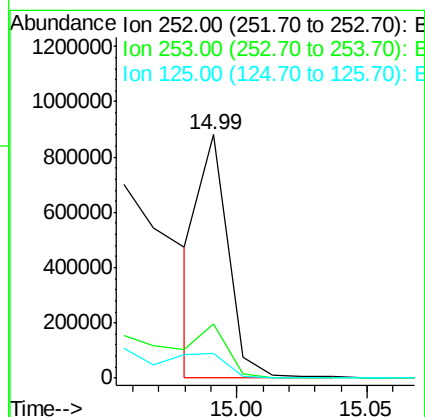
Manual Integrations
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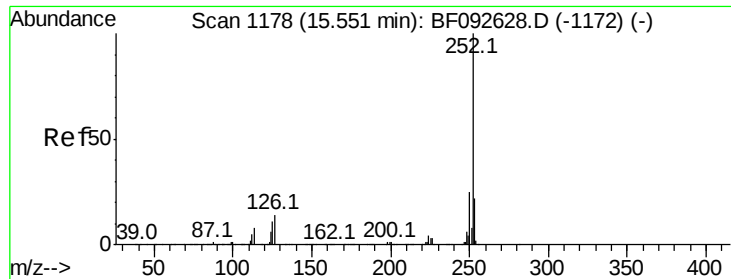
mohammad
3/6/2017 4:23:30 PM



#88
Benzo(k)fluoranthene
Concen: 32.49 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF093373.D
Acq: 3 Mar 2017 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	10.2	8.9	13.3





#89

Benzo(a)pyrene

Concen: 43.12 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

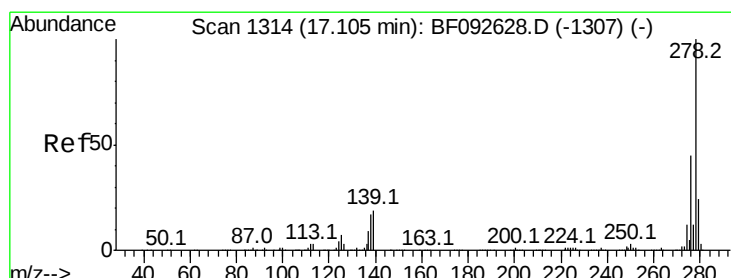
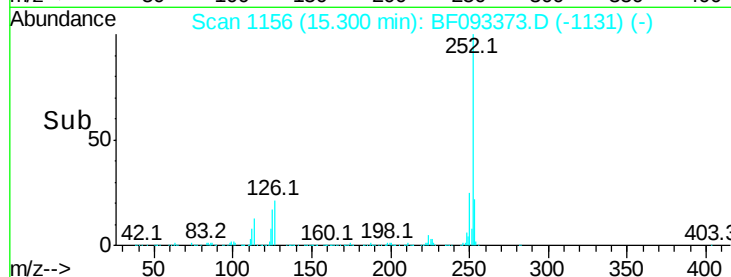
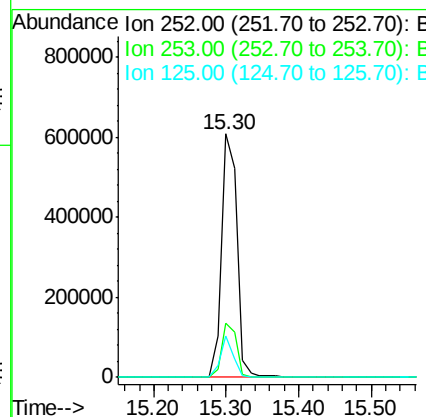
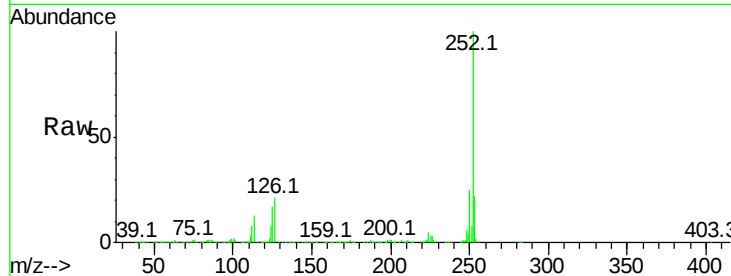
ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	252	Resp:	894302
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	17.0	10.0	15.0#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 44.03 ng

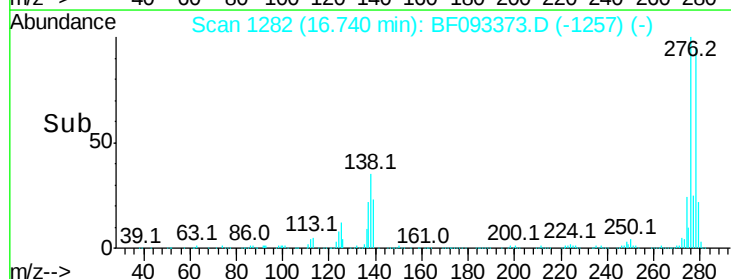
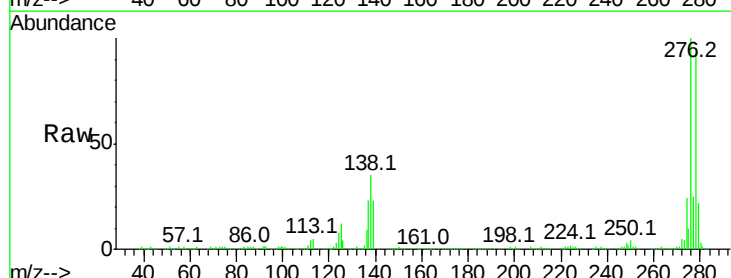
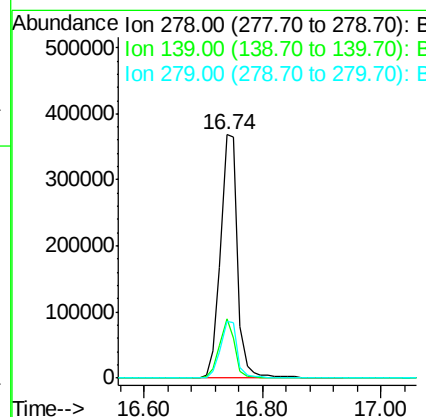
RT: 16.74 min Scan# 1282

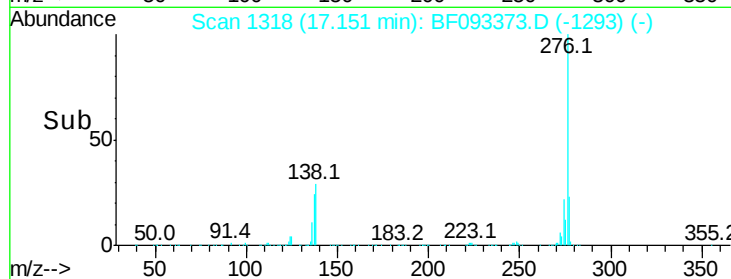
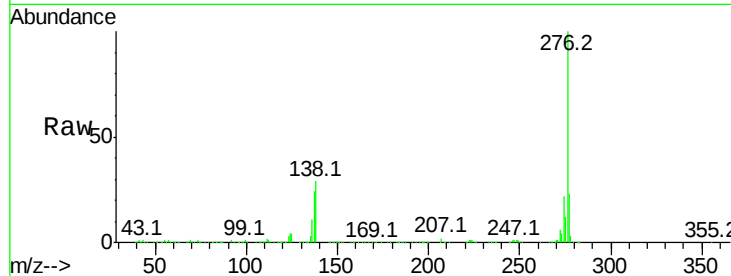
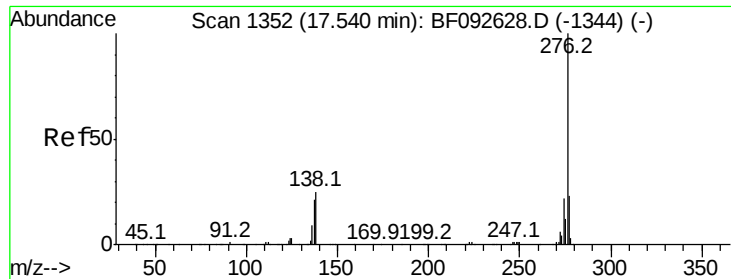
Delta R.T. -0.01 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Tgt Ion:	278	Resp:	738046
Ion Ratio	Lower	Upper	
278	100		
139	24.1	14.8	22.2#
279	23.3	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 46.05 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF093373.D

Acq: 3 Mar 2017 21:56

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MSD

Tot Ion:	276	Resp:	779777
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.2	28.8
138	28.6	16.0	24.0

Manual Integrations
APPROVED

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