

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093372.D
 Acq On : 3 Mar 2017 21:29
 Operator : SJ/MA
 Sample : I2086-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 3/6/2017 4:23:27 PM

Quant Time: Mar 03 23:08:07 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	196616	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	819160	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	382255	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	669584	20.00	ng	0.00
75) Chrysene-d12	13.95	240	541004	20.00	ng	0.00
86) Perylene-d12	15.36	264	368415	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	784858	68.48	ng	0.00
7) Phenol-d6	6.43	99	658178	44.64	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1373798	93.39	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	393796	142.44	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1874406	88.84	ng	0.00
78) Terphenyl-d14	12.89	244	1675685	72.78	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	102832	16.61	ng	# 81
3) Pyridine	3.07	79	234446	14.89	ng	89
4) n-Nitrosodimethylamine	3.00	42	139397	18.85	ng	# 85
6) Aniline	6.44	93	483591	24.04	ng	# 67
8) 2-Chlorophenol	6.57	128	467769	37.00	ng	85
9) Benzaldehyde	6.33	77	170623	16.15	ng	89
10) Phenol	6.45	94	290591	16.84	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	583741	42.39	ng	92
12) 1,3-Dichlorobenzene	6.72	146	537411	36.29	ng	# 89
13) 1,4-Dichlorobenzene	6.80	146	550810	36.75	ng	99
14) 1,2-Dichlorobenzene	6.96	146	541795	37.80	ng	97
15) Benzyl Alcohol	6.94	79	314316	28.79	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	988077	41.30	ng	85
17) 2-Methylphenol	7.06	107	330143	30.44	ng	# 92
18) Hexachloroethane	7.30	117	176519	34.50	ng	# 84
19) n-Nitroso-di-n-propylamine	7.21	70	444337	47.34	ng	93
20) 3+4-Methylphenols	7.22	107	412447	31.80	ng	# 77
22) Acetophenone	7.21	105	849718	45.43	ng	# 95
24) Nitrobenzene	7.38	77	621997	41.18	ng	99
25) Isophorone	7.62	82	1256770	45.85	ng	95
26) 2-Nitrophenol	7.70	139	342356	47.68	ng	93
27) 2,4-Dimethylphenol	7.74	122	512901	40.68	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	829447	45.69	ng	99
29) 2,4-Dichlorophenol	7.95	162	482333	41.01	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	467573	36.89	ng	96
31) Naphthalene	8.10	128	1625931	39.16	ng	99
32) Benzoic acid	7.86	122	95297	18.51	ng	95
33) 4-Chloroaniline	8.16	127	420885	25.84	ng	98
34) Hexachlorobutadiene	8.21	225	240266	34.46	ng	98
35) Caprolactam	8.54	113	29212	7.90	ng	# 58
36) 4-Chloro-3-methylphenol	8.65	107	506264	41.29	ng	95
37) 2-Methylnaphthalene	8.78	142	1006412	37.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	509609	47.49	ng	100
40) Hexachlorocyclopentadiene	8.93	237	219894	45.42	ng	94

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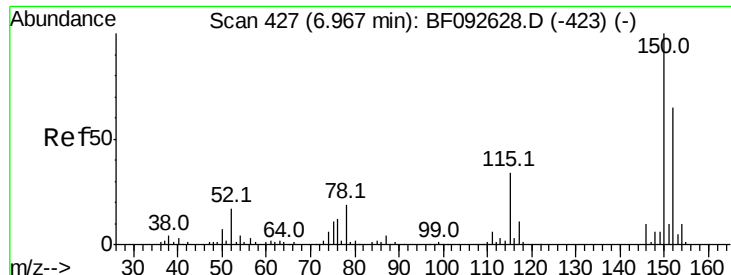
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	325069	46.10	nq	93
43) 2,4,5-Trichlorophenol	9.13	196	363895	47.10	nq	# 83
45) 1,1'-Biphenyl	9.25	154	1406234	50.80	nq	98
46) 2-Chloronaphthalene	9.28	162	1033108	47.71	nq	98
47) 2-Nitroaniline	9.38	65	350612	48.16	nq	95
48) Acenaphthylene	9.69	152	1519558	40.62	nq	99
49) Dimethylphthalate	9.56	163	1413703	54.91	nq	100
50) 2,6-Dinitrotoluene	9.63	165	304866	54.83	nq	# 83
51) Acenaphthene	9.86	154	940903	42.07	nq	97
52) 3-Nitroaniline	9.79	138	169797	26.68	nq	96
53) 2,4-Dinitrophenol	9.92	184	271978	95.20	nq	# 78
54) Dibenzofuran	10.03	168	1284829	42.95	nq	97
55) 4-Nitrophenol	9.98	139	114210	24.92	nq	86
56) 2,4-Dinitrotoluene	10.03	165	303935	41.06	nq	# 73
57) Fluorene	10.37	166	1012223	43.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	258569	50.17	nq	99
59) Diethylphthalate	10.25	149	1116189	46.00	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	458960	41.51	nq	92
61) 4-Nitroaniline	10.41	138	264199	40.54	nq	93
62) Azobenzene	10.52	77	1310207	52.27	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	183378	45.16	nq	92
65) n-Nitrosodiphenylamine	10.49	169	912694	42.67	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	307499	43.96	nq	92
67) Hexachlorobenzene	10.92	284	285903	41.36	nq	# 88
68) Atrazine	11.02	200	321877	46.89	nq	92
69) Pentachlorophenol	11.13	266	259941	73.48	nq	98
70) Phenanthrene	11.33	178	1475957	38.47	nq	99
71) Anthracene	11.39	178	1750998	45.45	nq	98
72) Carbazole	11.55	167	1582311	42.97	nq	98
73) Di-n-butylphthalate	11.87	149	1859620	46.69	nq	# 97
74) Fluoranthene	12.52	202	1627236	41.12	nq	98
76) Benzidine	12.65	184	613519	26.61	nq	96
77) Pyrene	12.75	202	1585128	39.15	nq	100
79) Butylbenzylphthalate	13.37	149	828295	50.38	nq	# 79
80) Benzo(a)anthracene	13.94	228	1371284	41.44	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	298427	25.30	nq	# 95
82) Chrysene	13.97	228	1024771	33.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	973600	43.30	nq	98
84) Di-n-octyl phthalate	14.53	149	1563624	42.71	nq	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	984128	41.01	nq	# 94
87) Benzo(b)fluoranthene	14.97	252	1265428m	52.18	nq	
88) Benzo(k)fluoranthene	14.99	252	789568m	37.71	nq	
89) Benzo(a)pyrene	15.31	252	973697	46.42	nq	# 97
90) Dibenzo(a,h)anthracene	16.75	278	818924	48.31	nq	99
91) Benzo(g,h,i)perylene	17.15	276	870724	50.84	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

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BNA_F

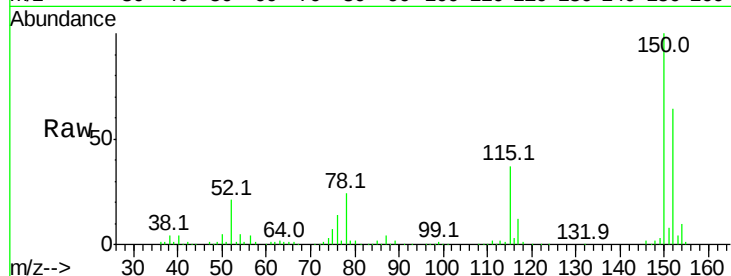
ClientSampleId :

SRI-MW-4-20170302MS

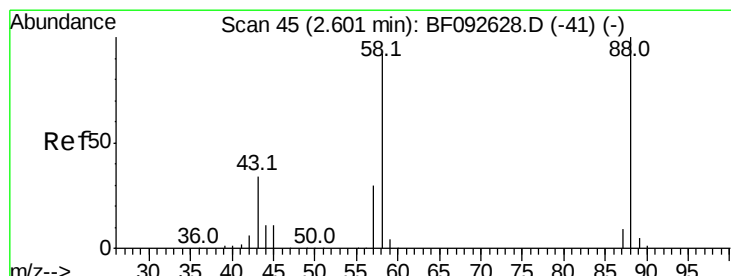
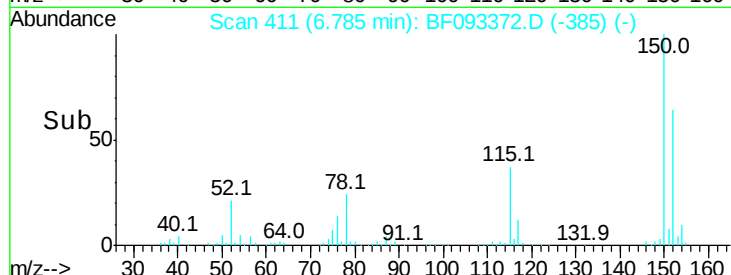
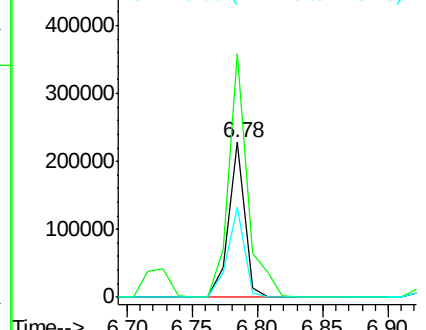
Tot Ion:	152	Resp:	196616
Ion Ratio	Lower	Upper	
152	100		
150	157.1	124.9	187.3
115	57.8	46.0	69.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.61 ng

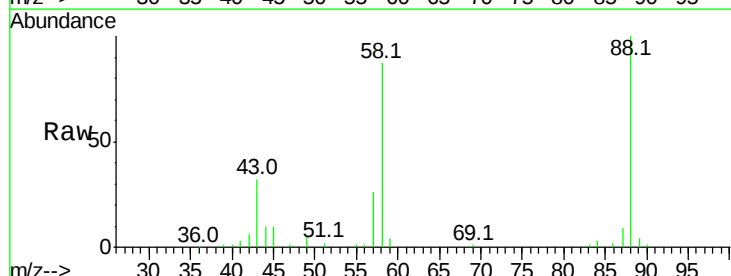
RT: 2.35 min Scan# 23

Delta R.T. 0.05 min

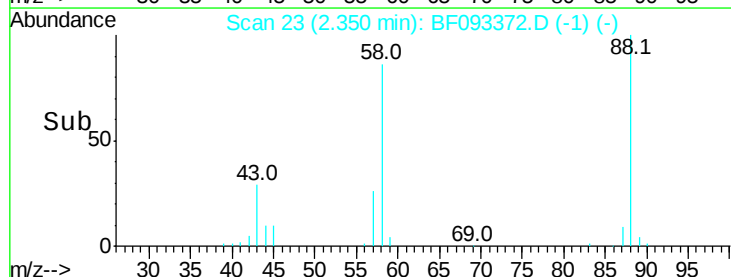
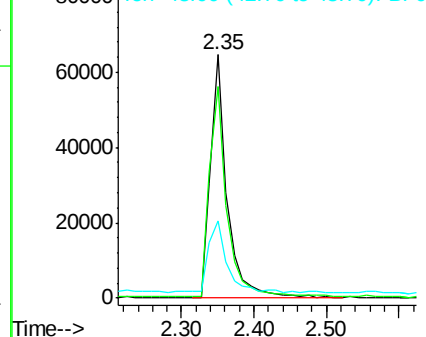
Lab File: BF093372.D

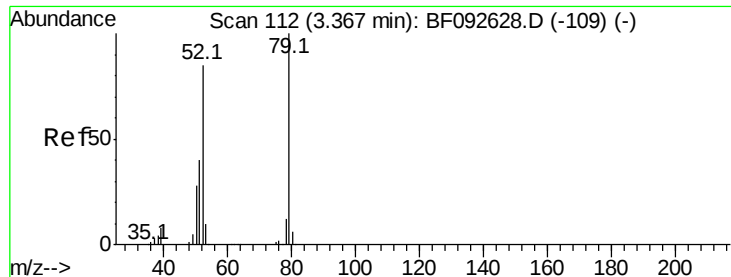
Acq: 3 Mar 2017 21:29

Tgt Ion:	88	Resp:	102832
Ion Ratio	Lower	Upper	
88	100		
58	90.2	57.8	86.8#
43	35.5	22.3	33.5#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.89 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

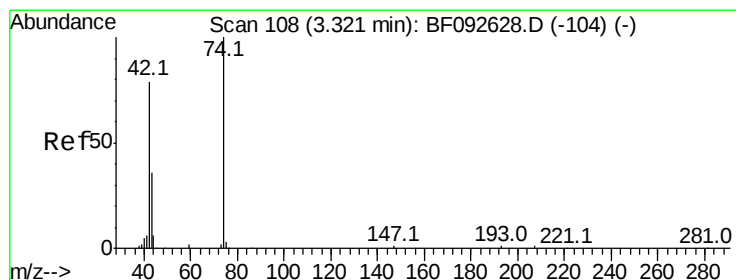
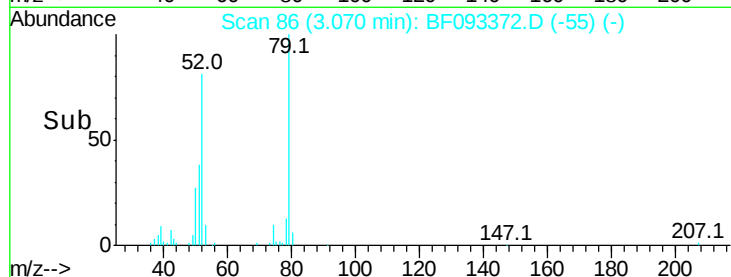
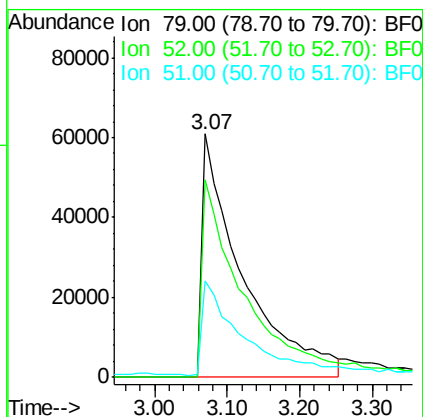
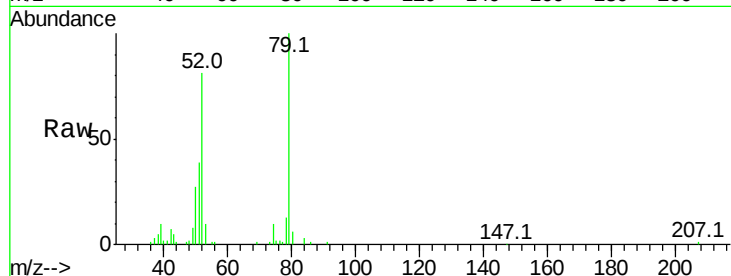
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:	79	Resp:	234446
Ion Ratio	Lower	Upper	
79	100		
52	81.0	57.1	85.7
51	39.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 18.85 ng

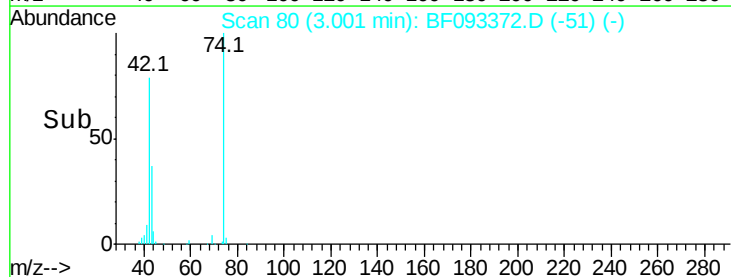
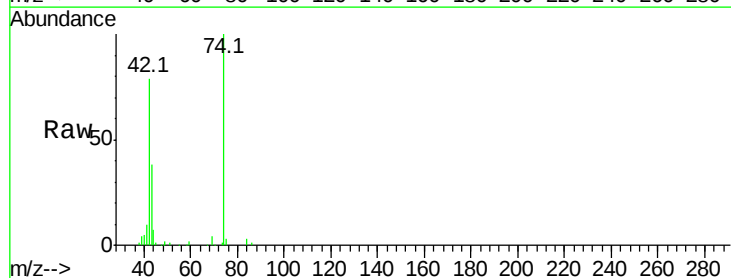
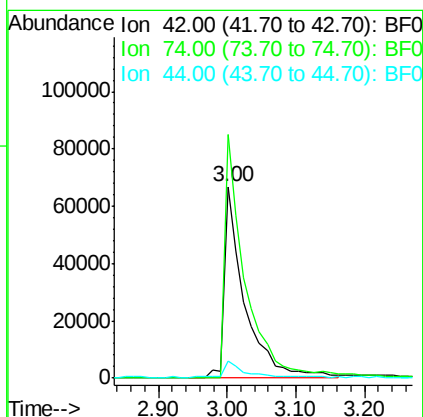
RT: 3.00 min Scan# 80

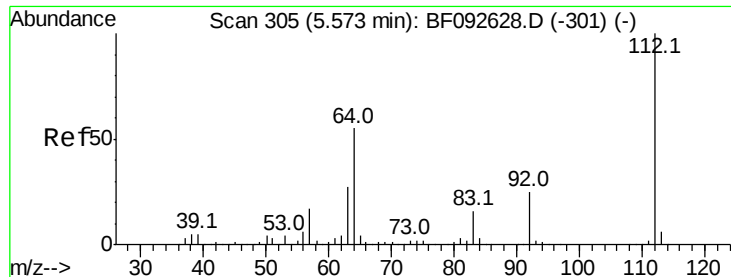
Delta R.T. 0.03 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion:	42	Resp:	139397
Ion Ratio	Lower	Upper	
42	100		
74	127.3	117.0	175.4
44	8.7	5.5	8.3#





#5

2-Fluorophenol

Concen: 68.48 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

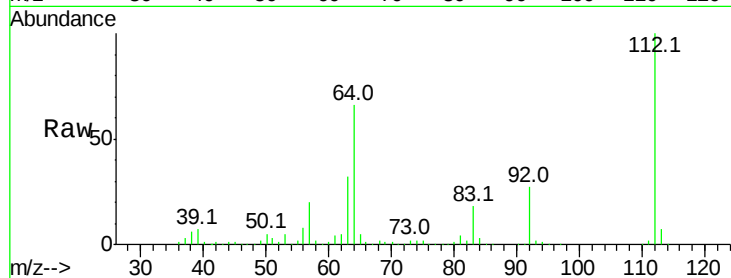
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:	112	Resp:	784858
Ion Ratio	Lower	Upper	
112	100		
64	66.3	46.1	69.1
63	32.4	23.8	35.6

Manual Integrations
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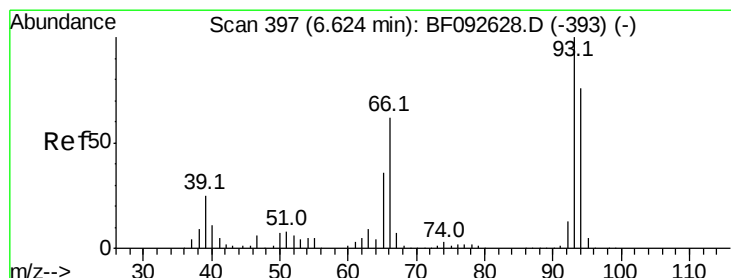
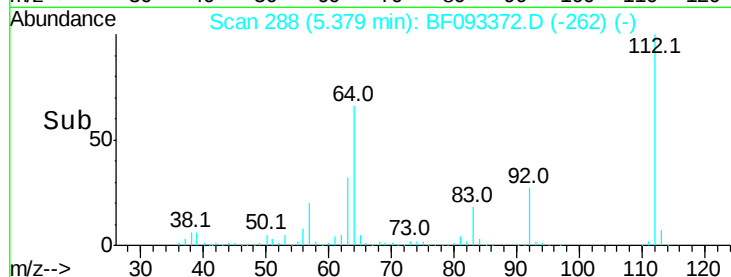
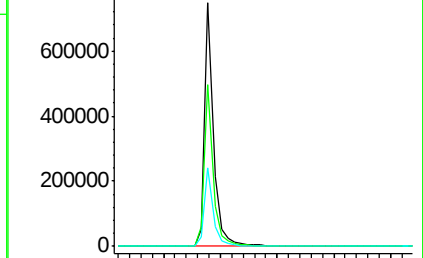
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.04 ng

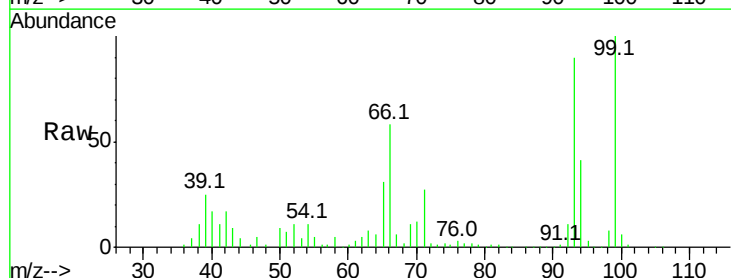
RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

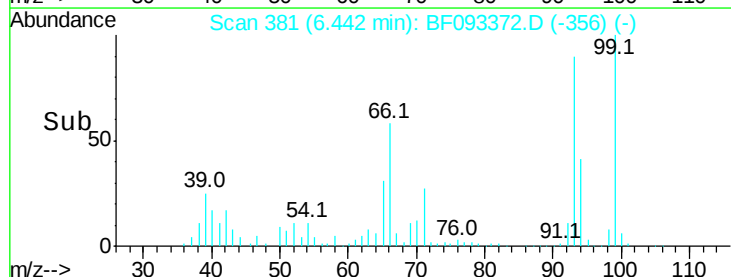
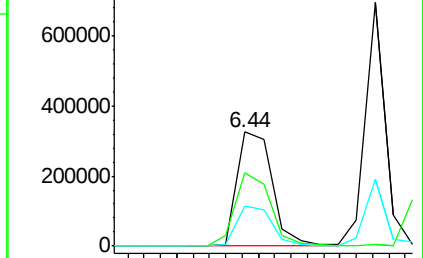
Tgt Ion:	93	Resp:	483591
Ion Ratio	Lower	Upper	
93	100		
66	64.6	76.2	114.2#
65	34.7	49.3	73.9#

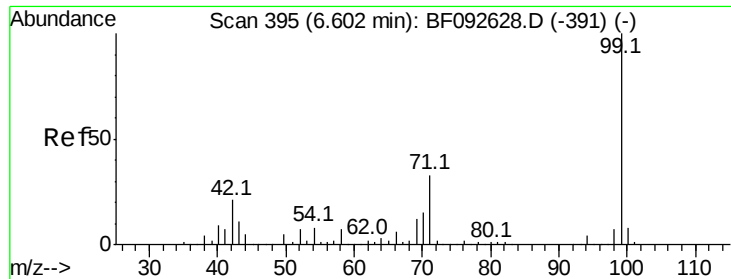


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 44.64 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

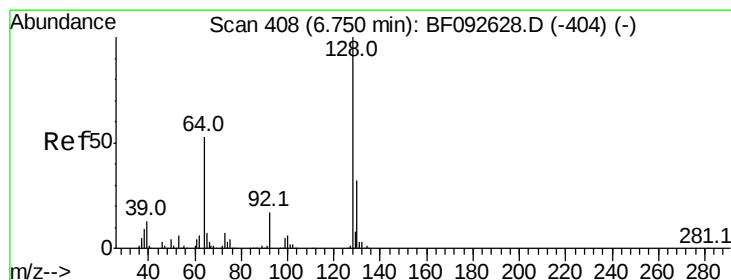
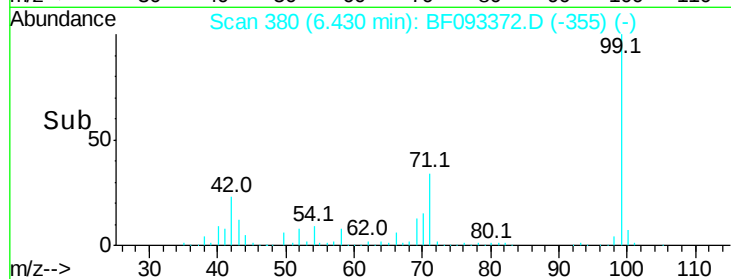
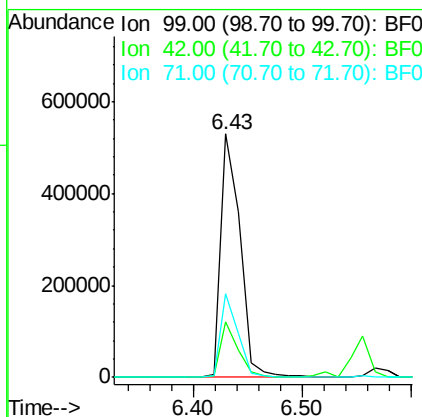
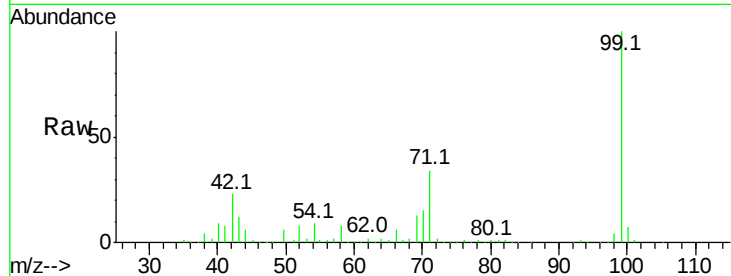
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		658178		
42	22.9	15.6	23.4		
71	34.2	27.5	41.3		

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#8

2-Chlorophenol

Concen: 37.00 ng

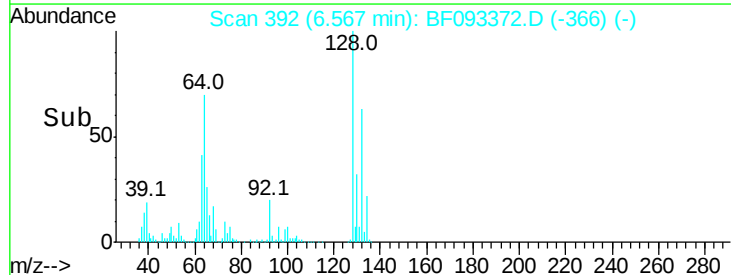
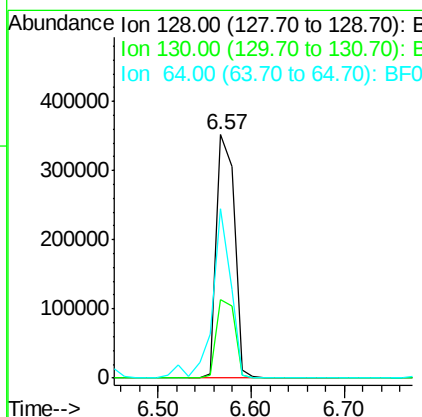
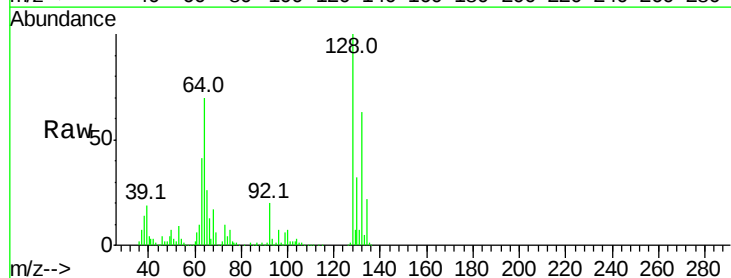
RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		467769		
130	32.3	12.3	52.3		
64	69.7	32.2	72.2		





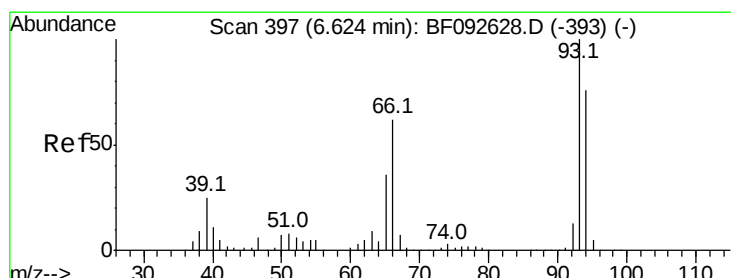
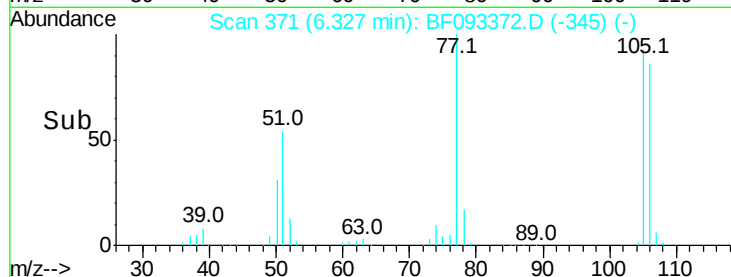
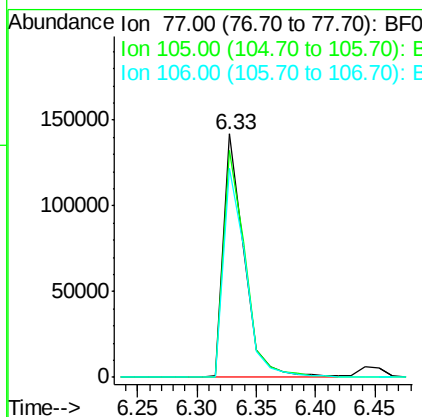
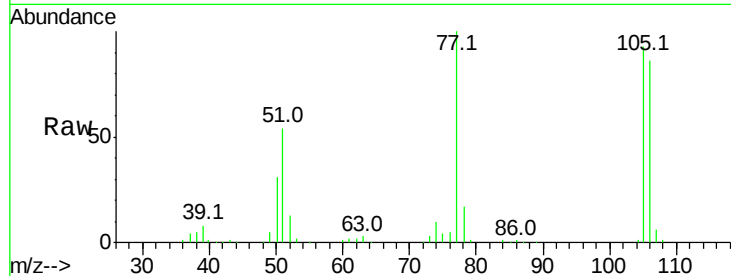
#9
Benzaldehyde
Concen: 16.15 ng
RT: 6.33 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF093372.D
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Instrument :
BNA_F
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SRI-MW-4-20170302MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.1	83.9	123.9
106	85.8	77.6	117.6

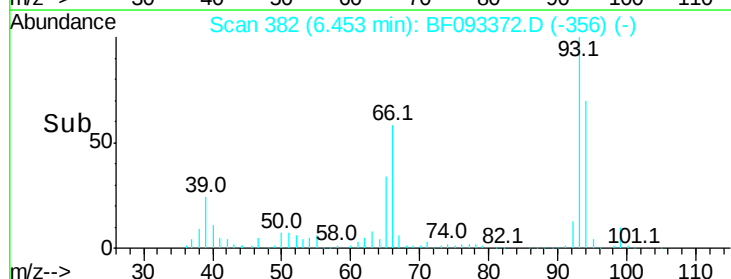
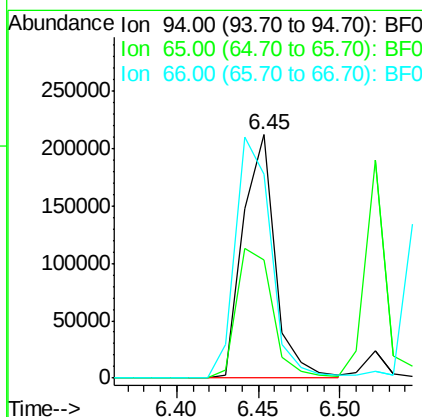
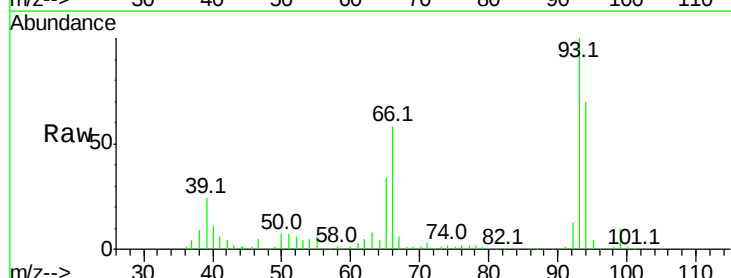
Manual Integrations
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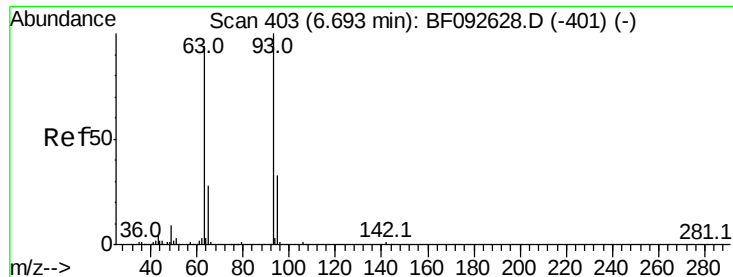
mohammad
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#10
Phenol
Concen: 16.84 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	48.6	21.4	61.4
66	83.5	44.0	84.0





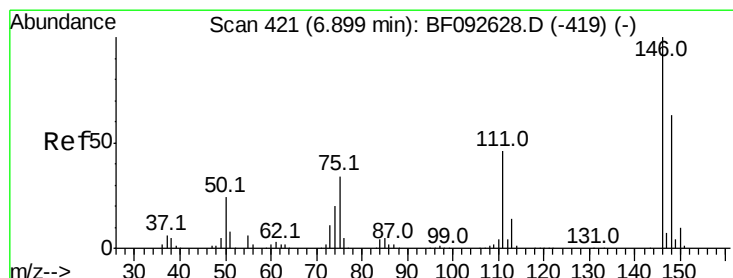
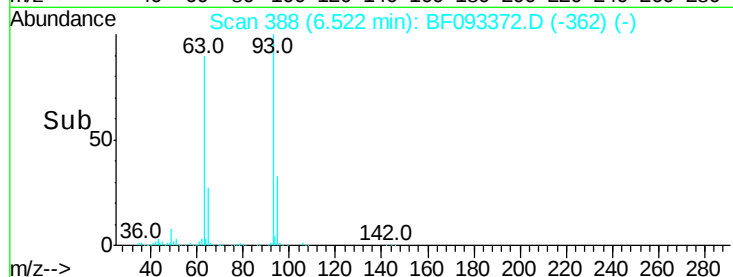
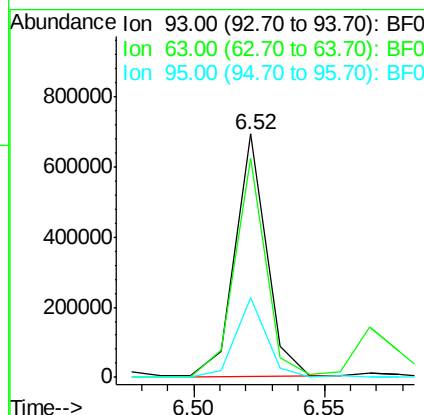
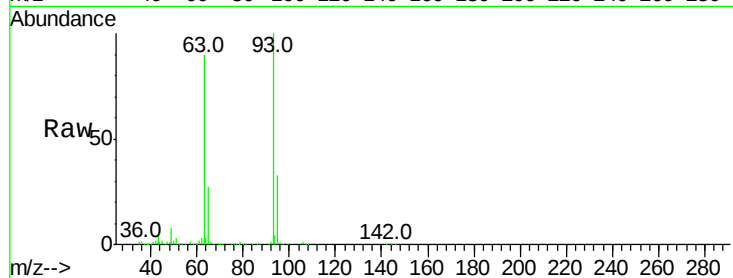
#11
bis(2-Chloroethyl)ether
Concen: 42.39 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	60.4	100.4
95	32.8	12.8	52.8

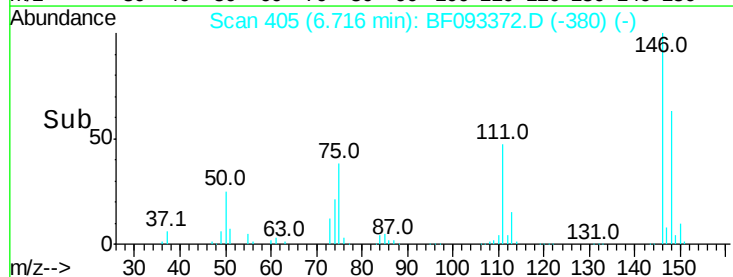
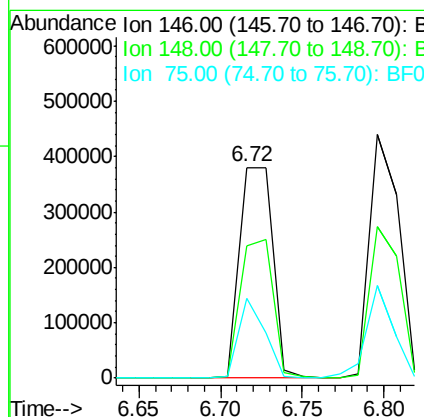
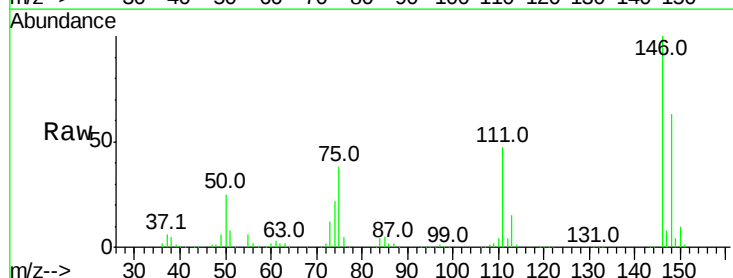
Manual Integrations
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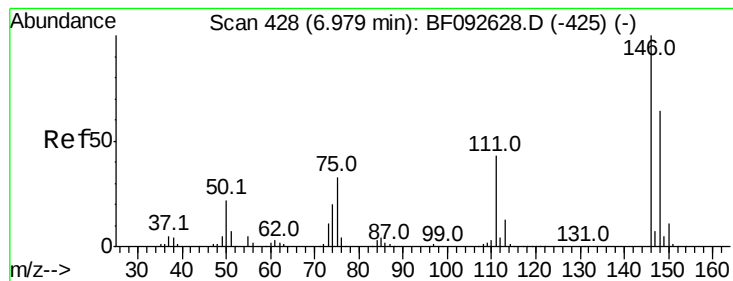
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.29 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
75	37.8	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 36.75 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

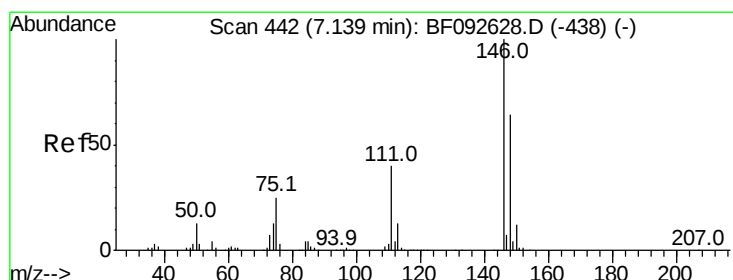
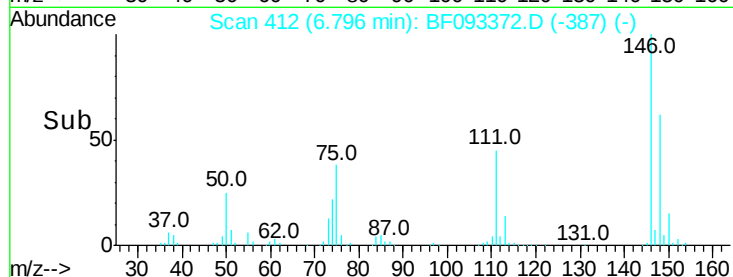
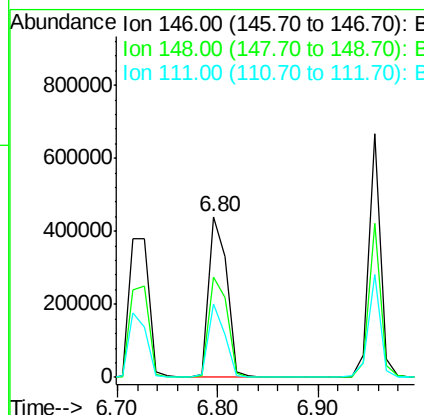
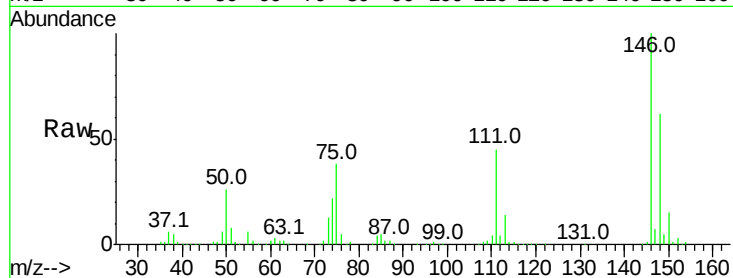
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:	146	Resp:	550810
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	76.0
111	45.4	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.80 ng

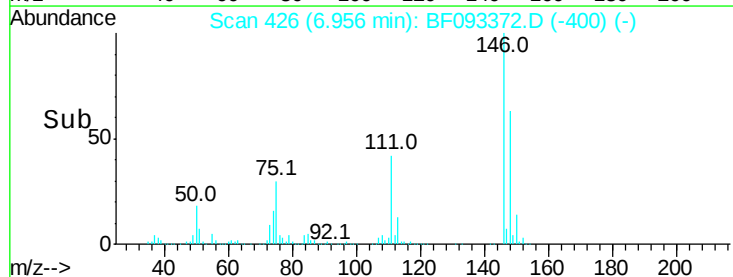
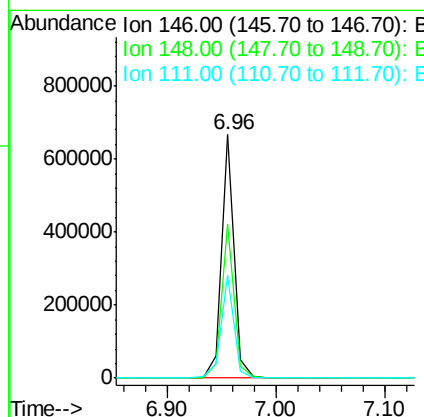
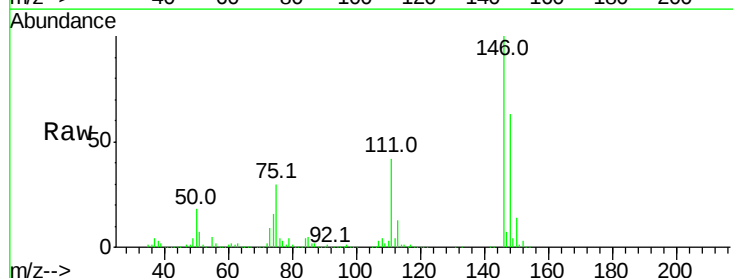
RT: 6.96 min Scan# 426

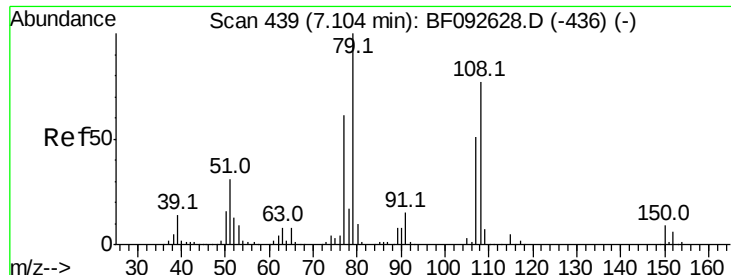
Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion:	146	Resp:	541795
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	42.1	36.2	54.2





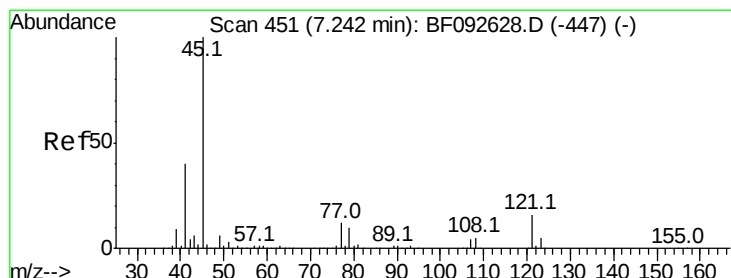
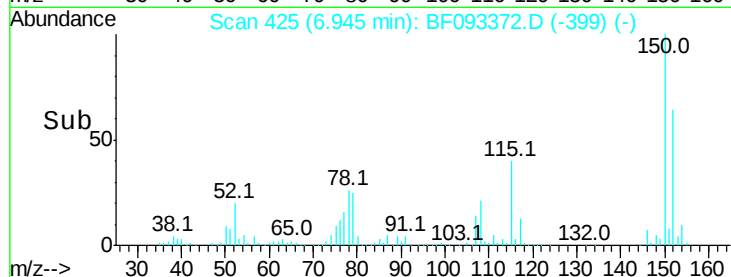
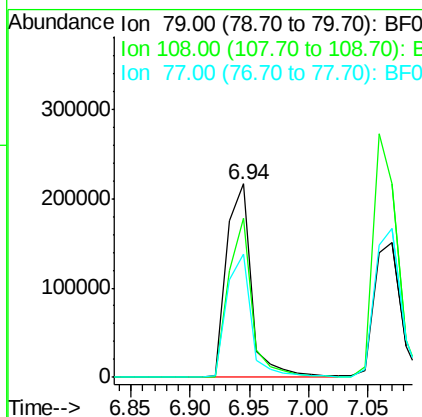
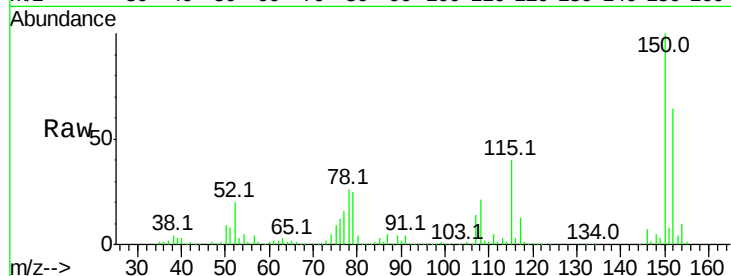
#15
Benzyl Alcohol
Concen: 28.79 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion:	79	Resp:	314316
Ion Ratio	Lower	Upper	
79	100		
108	82.0	61.4	92.0
77	63.5	50.9	76.3

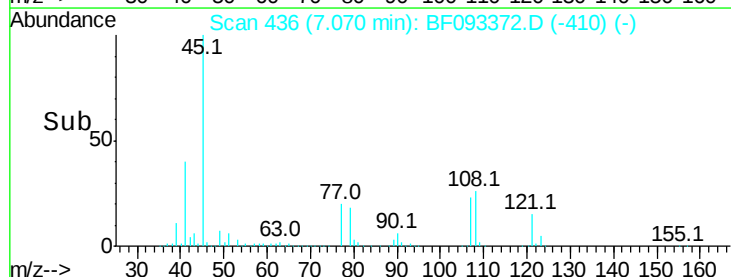
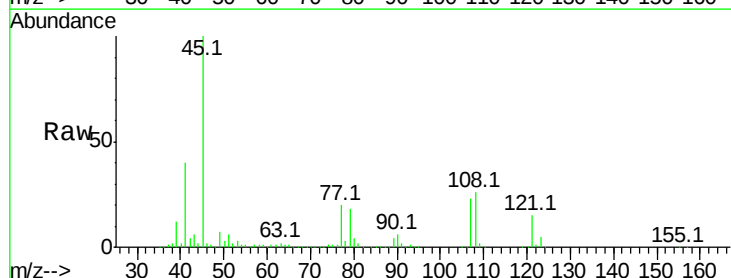
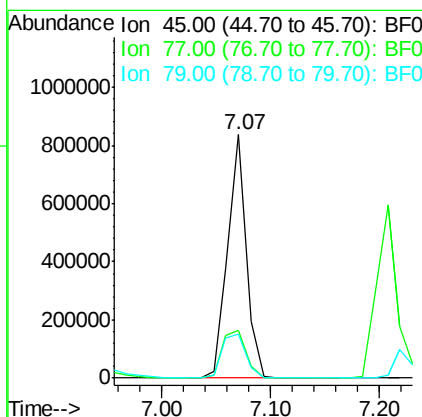
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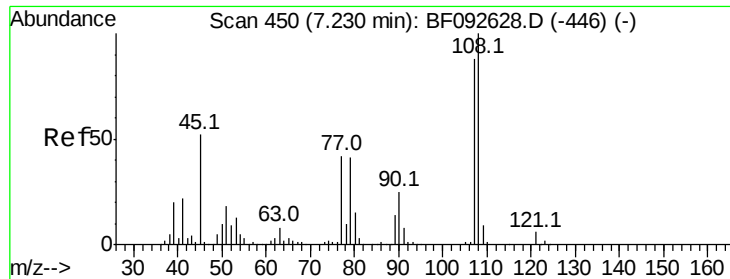
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.30 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion:	45	Resp:	988077
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	34.6
79	18.0	0.0	31.2





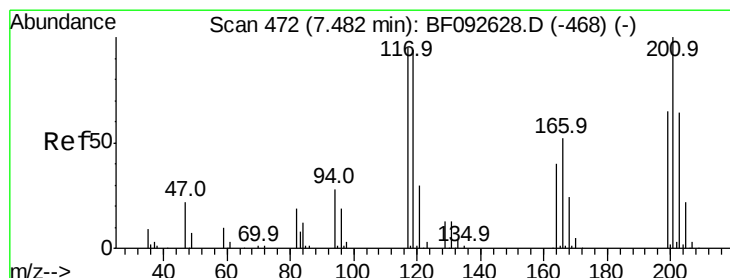
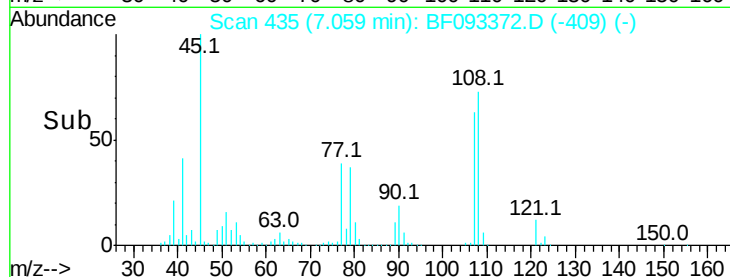
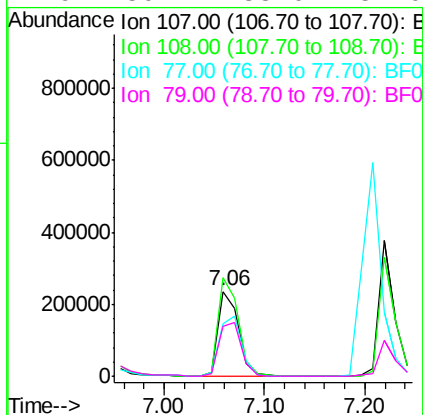
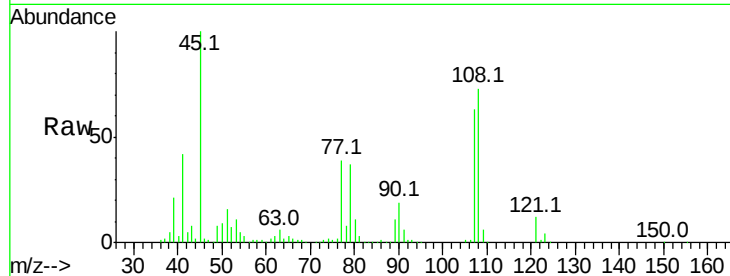
#17
2-Methylphenol
Concen: 30.44 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion:	107	Resp:	330143
Ion Ratio	Lower	Upper	
107	100		
108	115.8	93.0	139.6
77	62.6	39.8	59.8#
79	59.1	38.0	57.0#

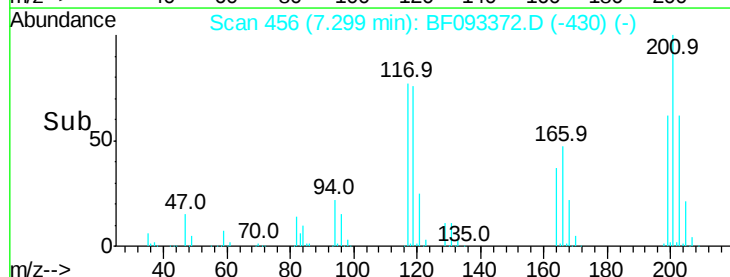
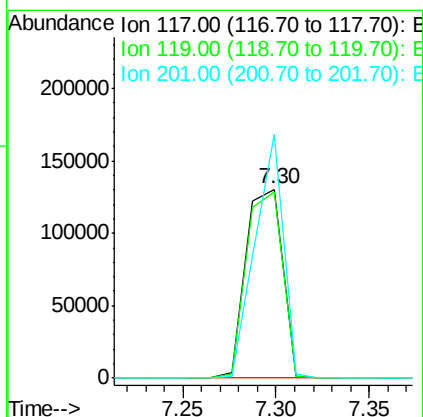
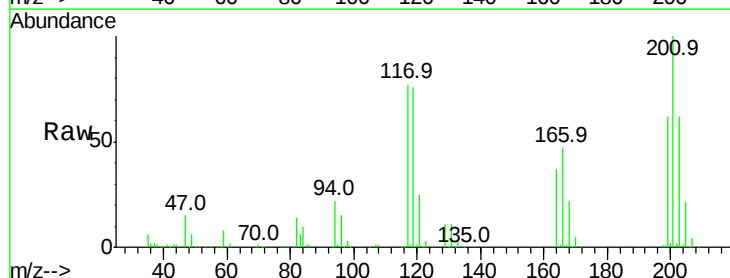
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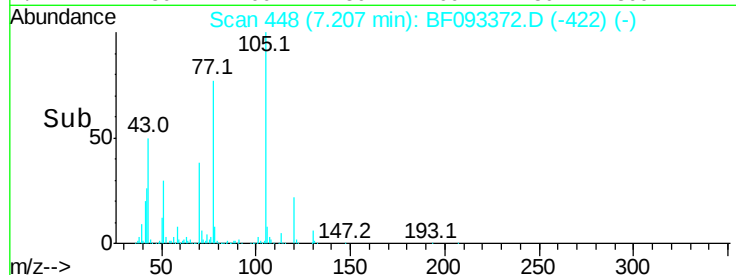
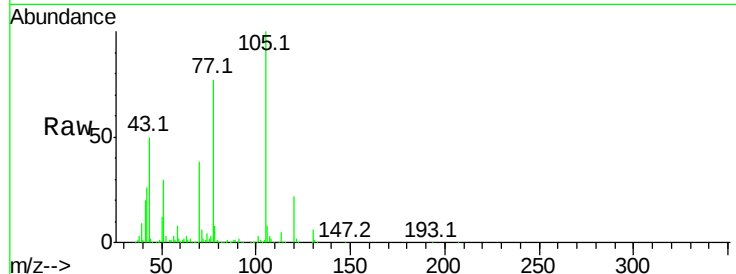
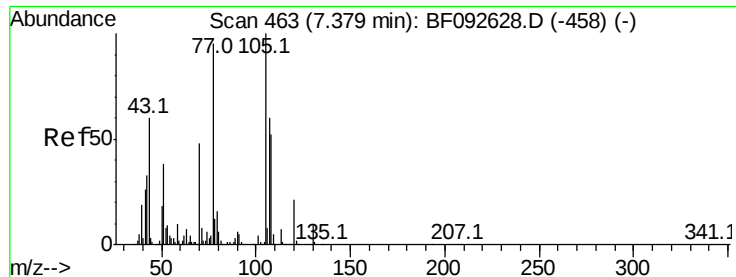
mohammad
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#18
Hexachloroethane
Concen: 34.50 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion:	117	Resp:	176519
Ion Ratio	Lower	Upper	
117	100		
119	98.3	78.1	117.1
201	129.1	78.6	117.8#





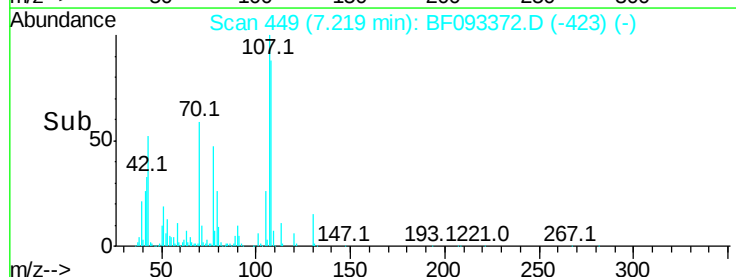
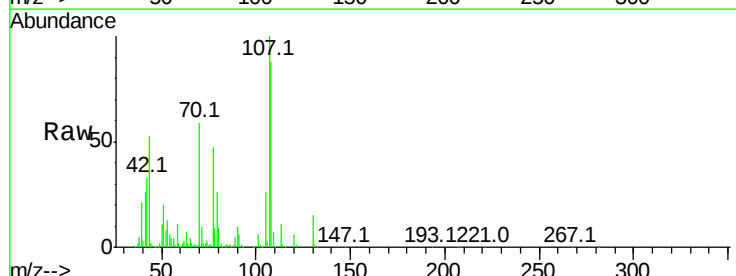
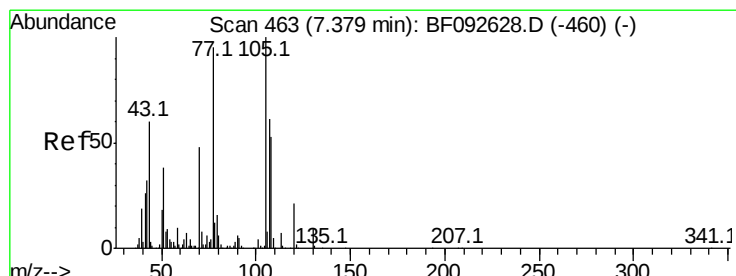
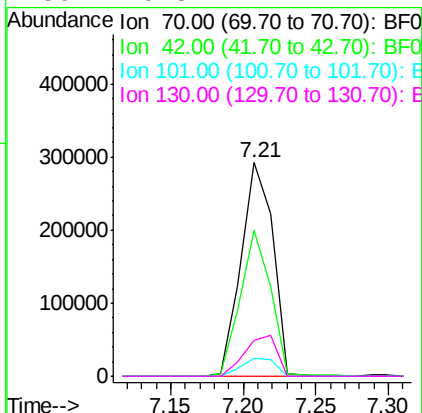
#19
n-Nitroso-di-n-propylamine
Concen: 47.34 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

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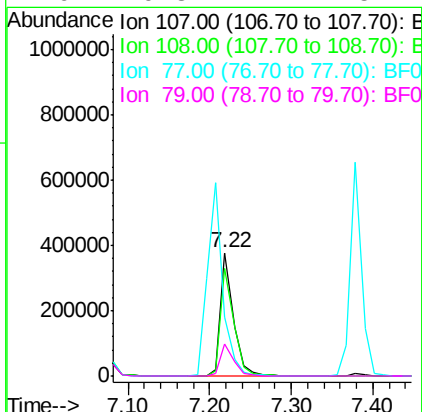
mohammad
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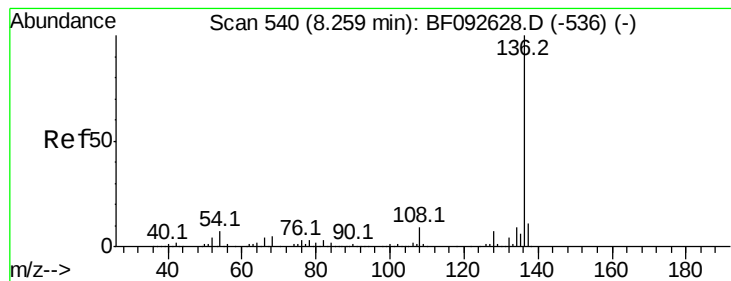
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.4	49.4	74.0	
101	8.5	7.4	11.2	
130	16.8	14.2	21.4	



#20
3+4-Methylphenols
Concen: 31.80 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	73.0	113.0	
77	47.4	71.3	111.3	
79	26.3	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: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

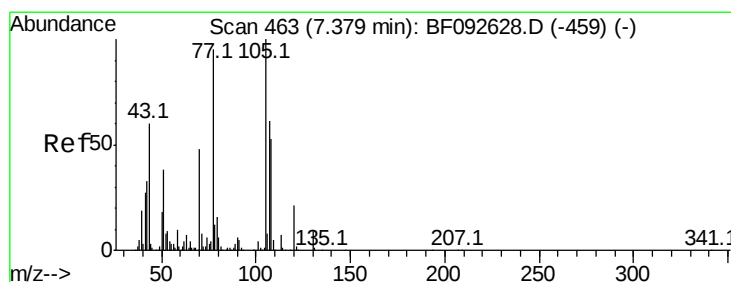
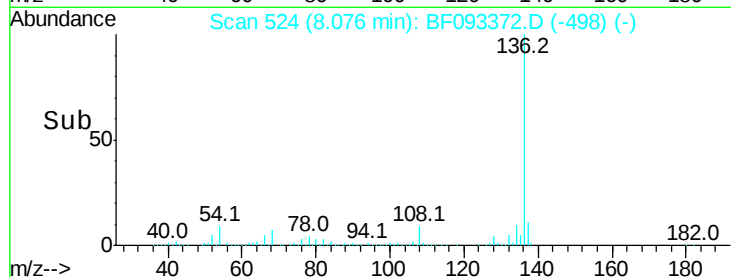
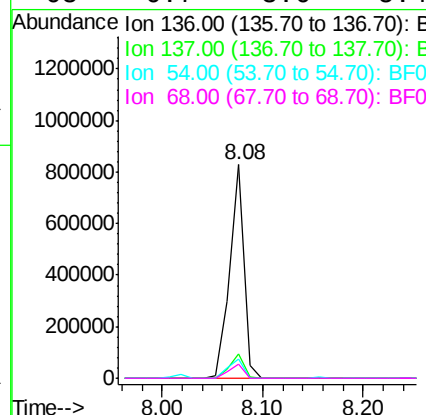
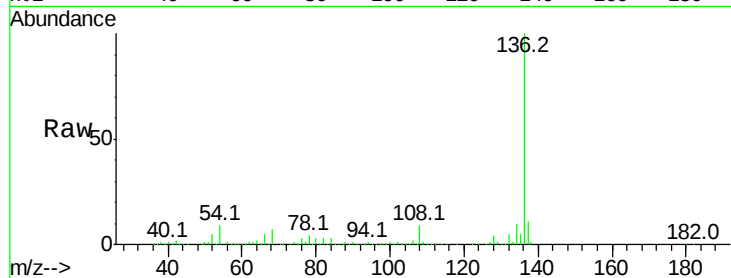
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	819160		
137	11.2		8.4	12.6
54	9.3		4.5	6.7#
68	6.7		3.6	5.4#

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#22

Acetophenone

Concen: 45.43 ng

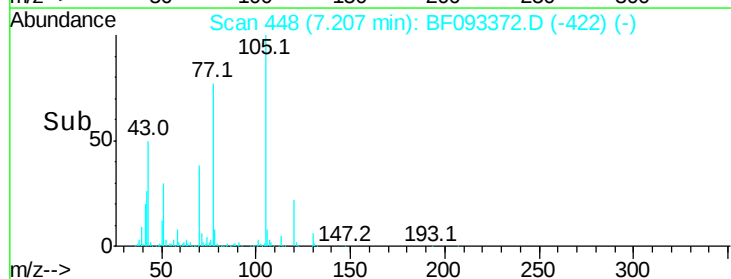
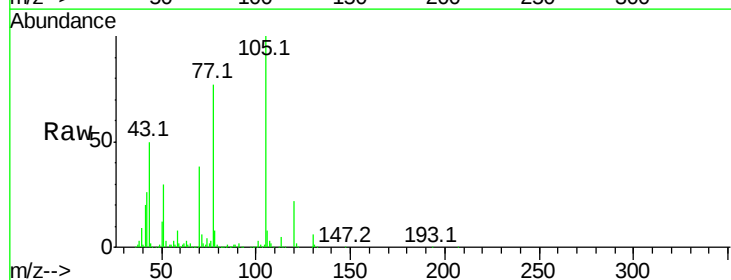
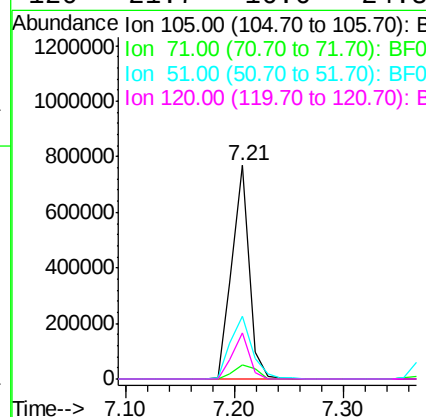
RT: 7.21 min Scan# 448

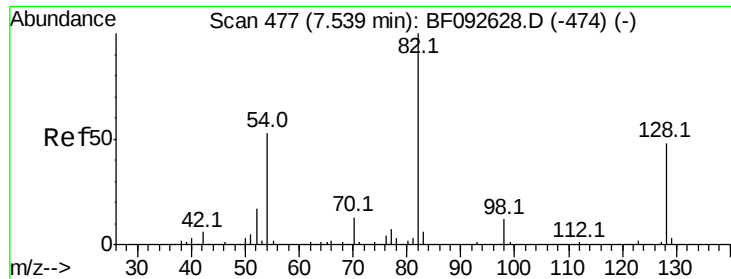
Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	849718		
71	6.4		3.2	4.8#
51	29.6		26.2	39.4
120	21.7		16.6	24.8





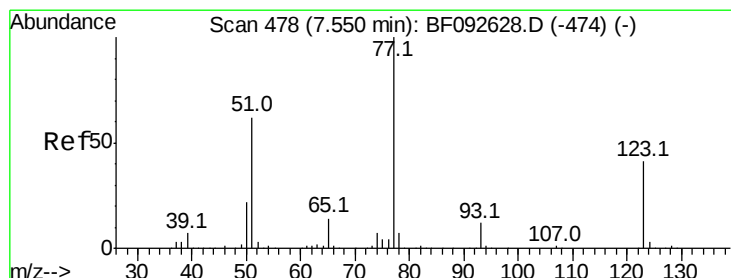
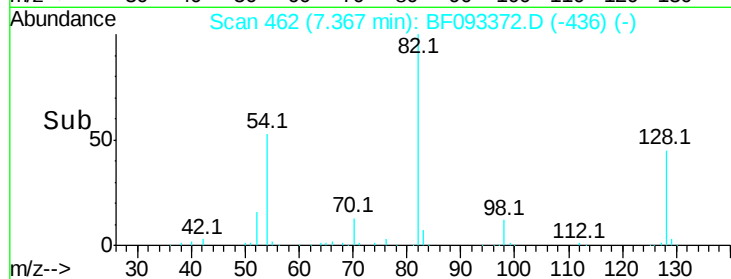
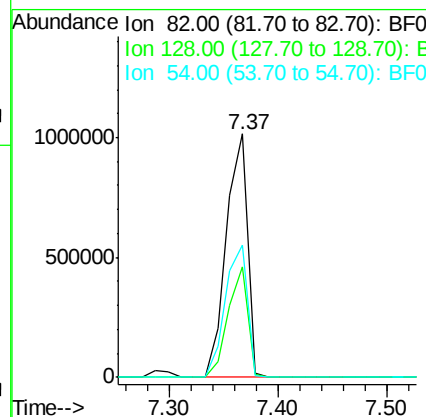
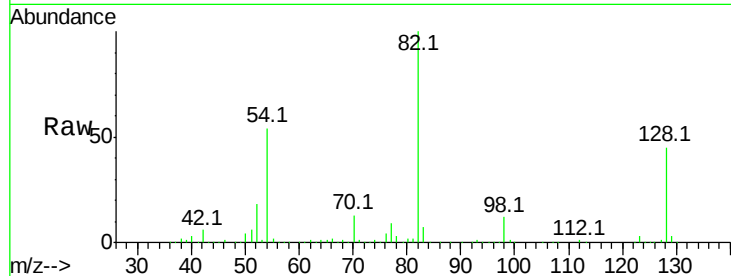
#23
 Nitrobenzene-d5
 Concen: 93.39 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	54.3	39.5	59.3

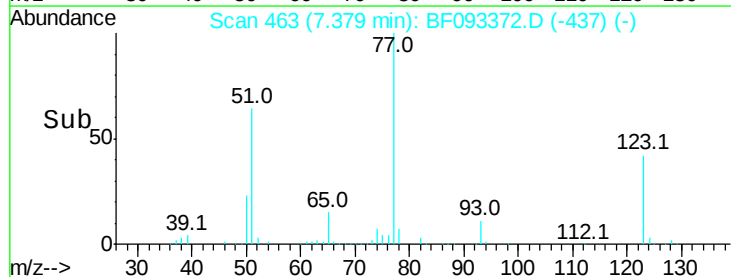
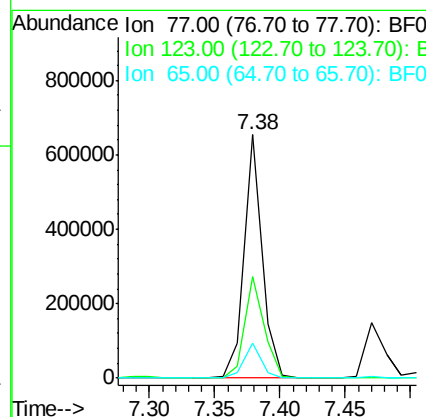
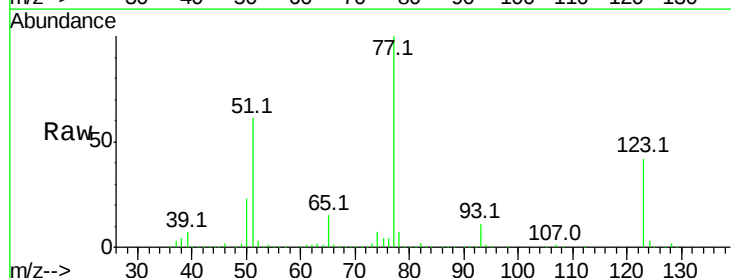
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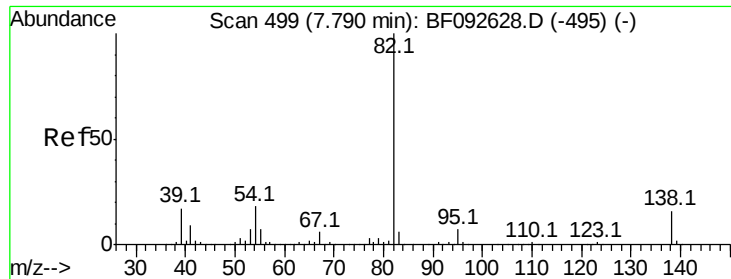
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#24
 Nitrobenzene
 Concen: 41.18 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.0	49.4
65	14.5	11.2	16.8





#25

Isophorone

Concen: 45.85 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion: 82 Resp: 1256770

Ion Ratio Lower Upper

82 100

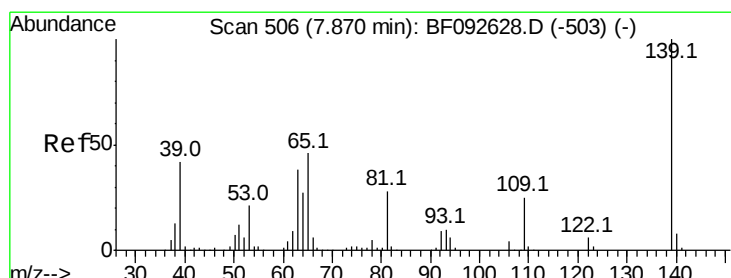
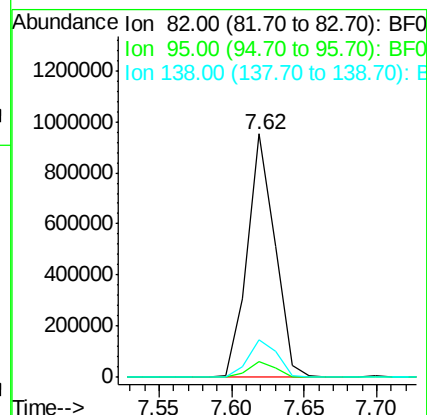
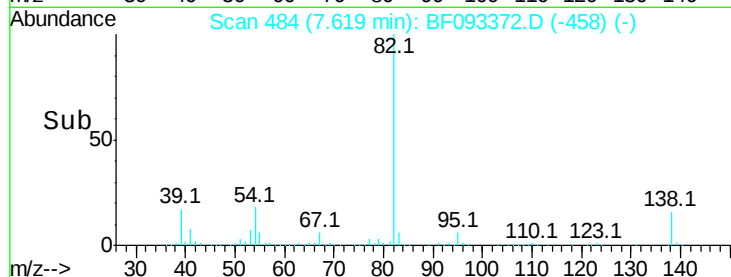
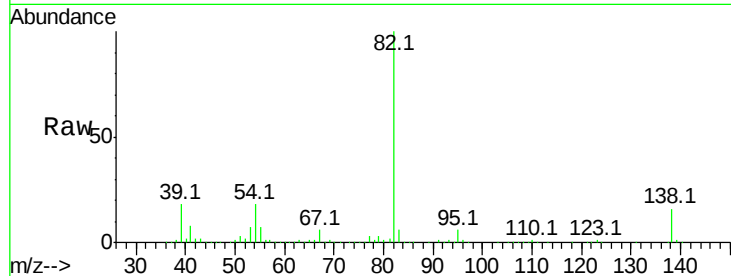
95 6.4 5.6 8.4

138 15.5 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.68 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

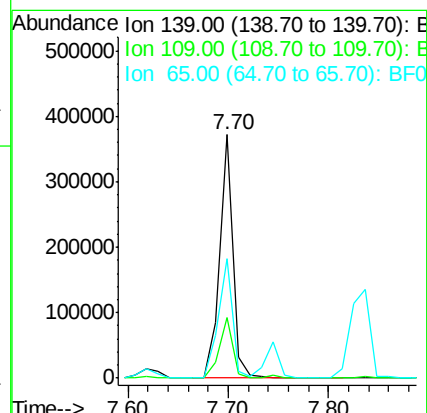
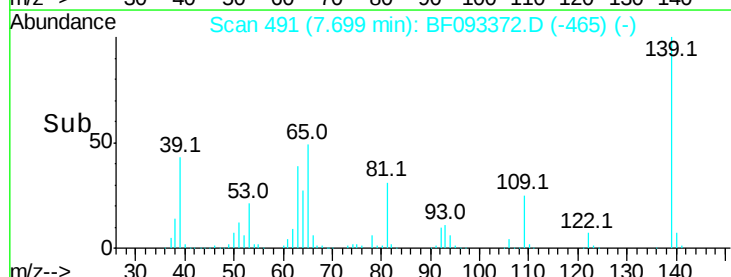
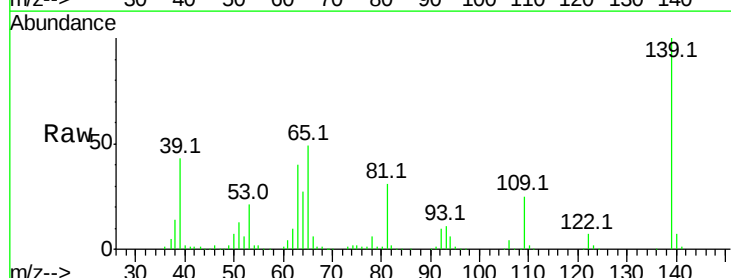
Tgt Ion: 139 Resp: 342356

Ion Ratio Lower Upper

139 100

109 24.7 23.3 34.9

65 48.9 42.7 64.1





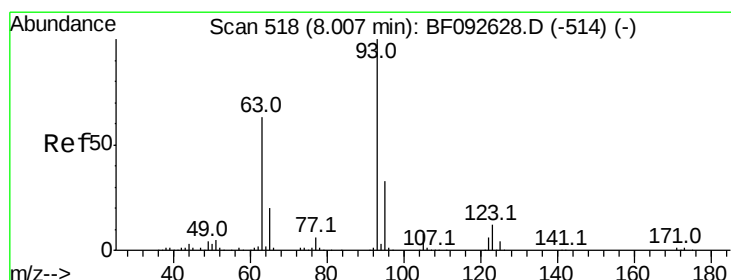
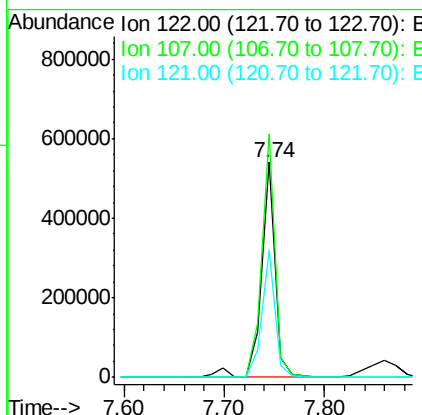
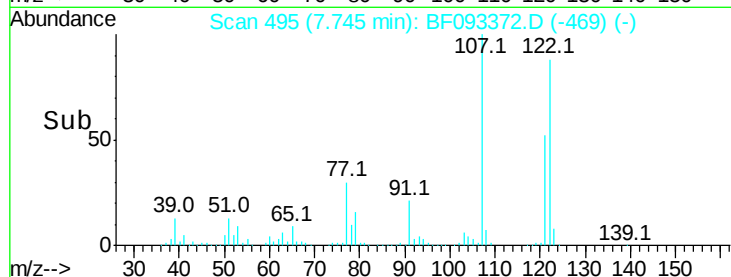
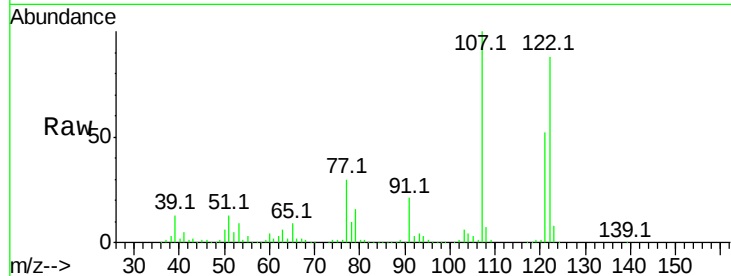
#27
2,4-Dimethylphenol
Concen: 40.68 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	94.1	141.1
121	59.0	46.0	69.0

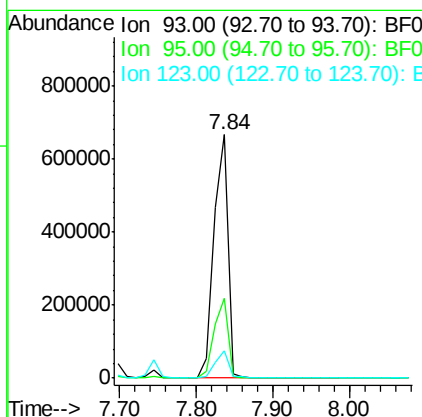
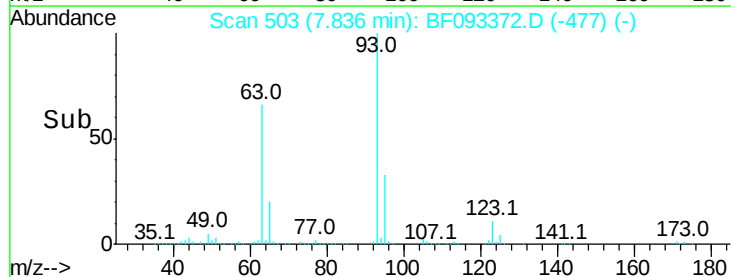
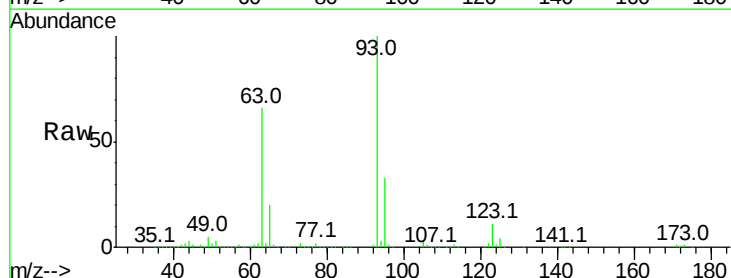
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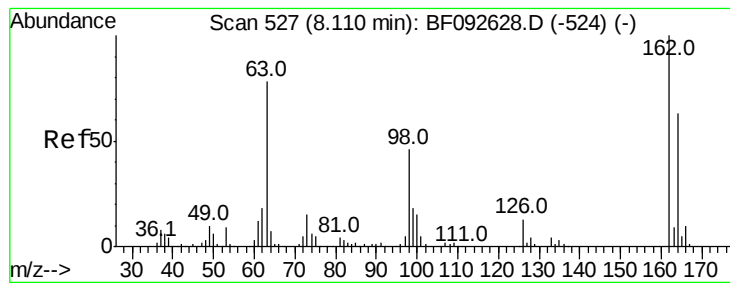
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.69 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 41.01 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

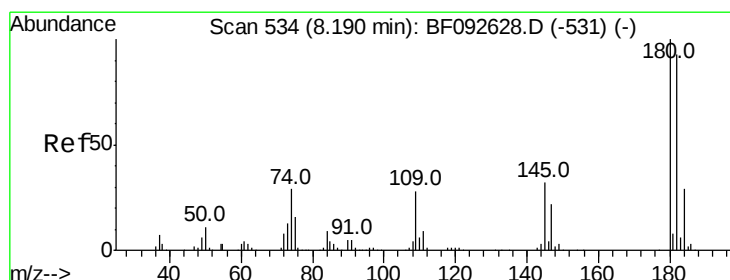
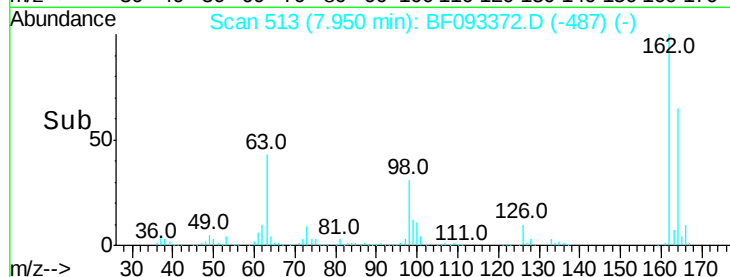
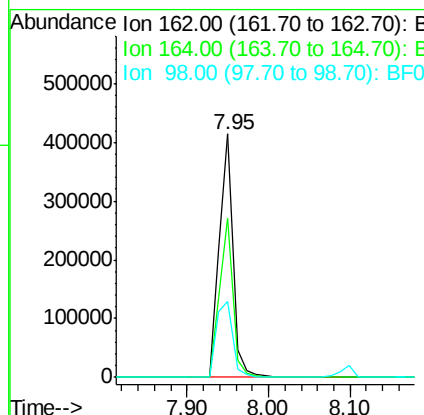
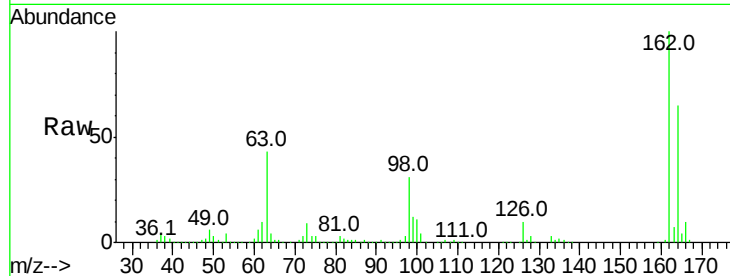
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:	162	Resp:	482333
Ion Ratio	Lower	Upper	
162	100		
164	65.1	46.8	86.8
98	31.2	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 36.89 ng

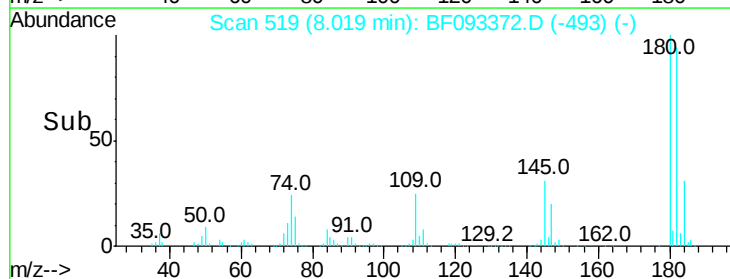
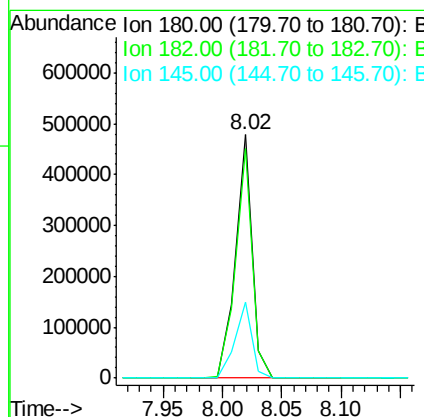
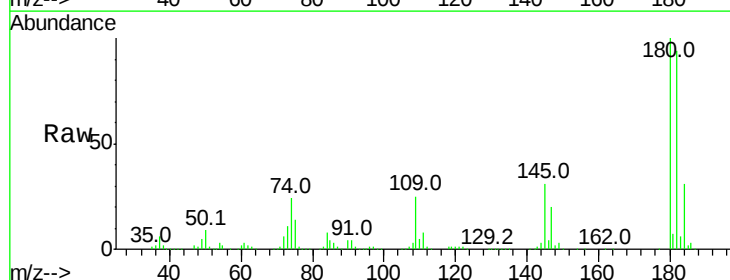
RT: 8.02 min Scan# 519

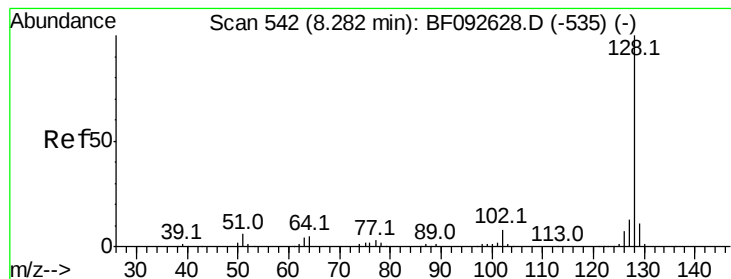
Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion:	180	Resp:	467573
Ion Ratio	Lower	Upper	
180	100		
182	94.5	78.2	117.4
145	31.0	21.6	32.4





#31

Naphthalene

Concen: 39.16 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:128 Resp: 1625931

Ion Ratio Lower Upper

128 100

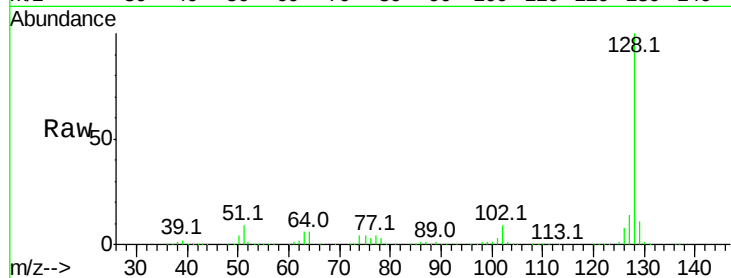
129 11.0 9.5 14.3

127 13.7 10.8 16.2

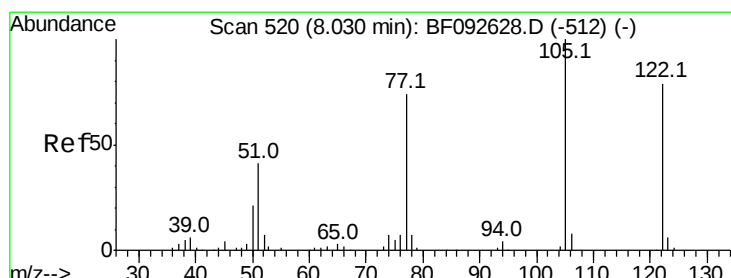
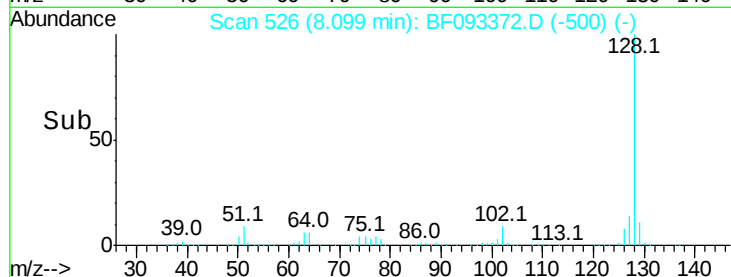
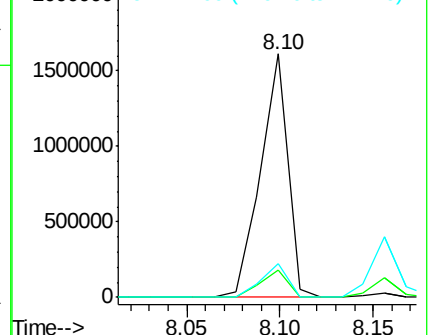
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.51 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

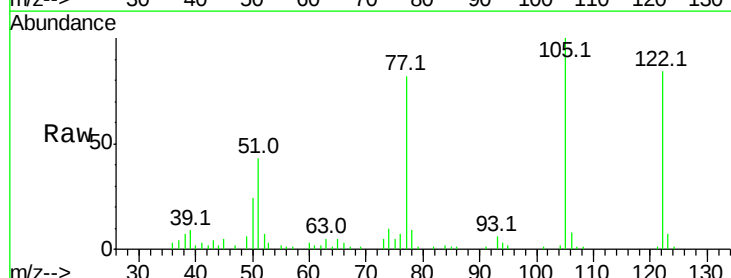
Tgt Ion:122 Resp: 95297

Ion Ratio Lower Upper

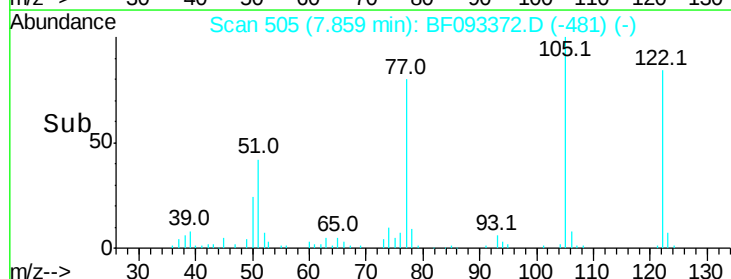
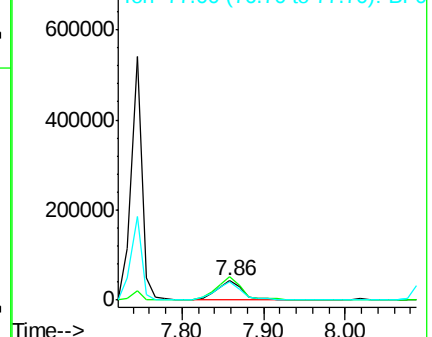
122 100

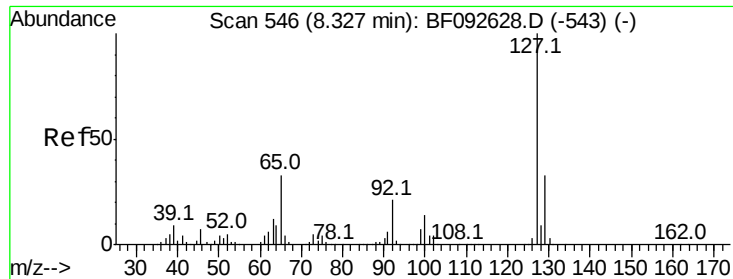
105 118.4 107.2 147.2

77 96.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





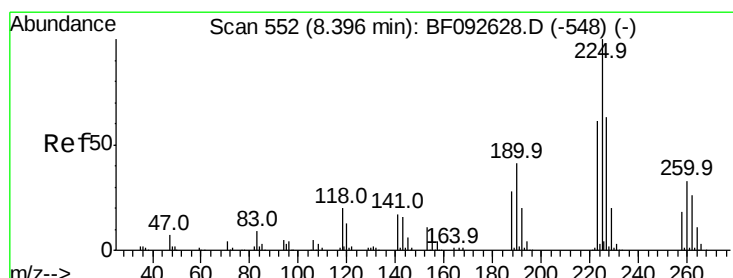
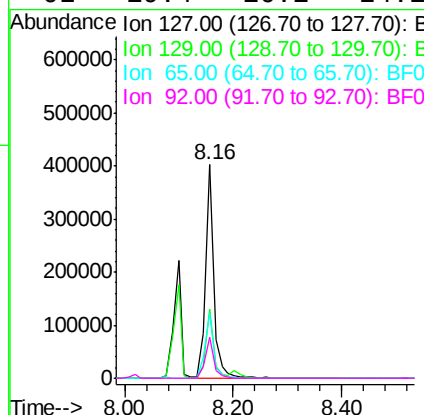
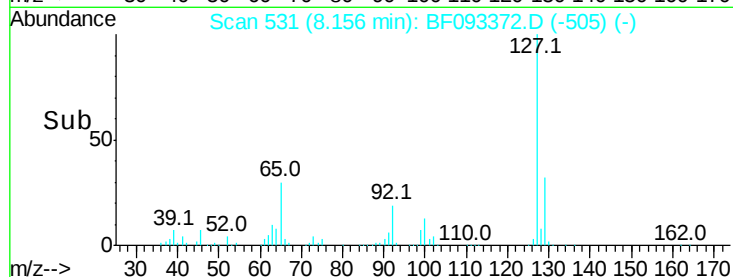
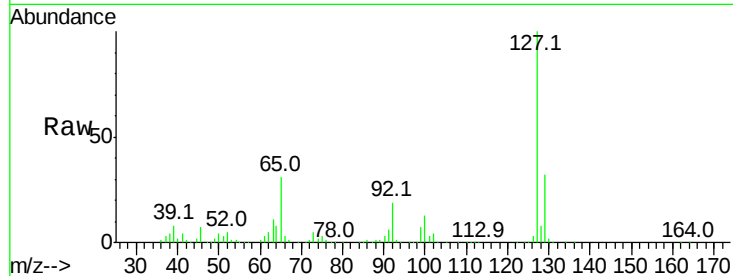
#33
4-Chloroaniline
Concen: 25.84 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.3	39.5	
65	30.7	25.8	38.8	
92	19.4	16.1	24.1	

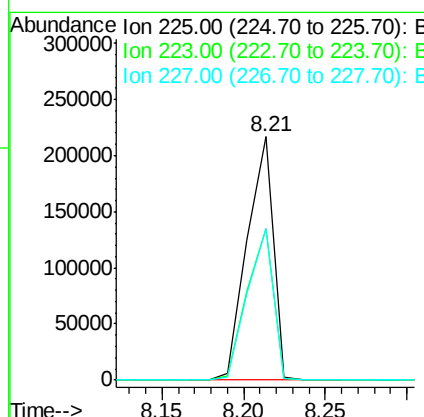
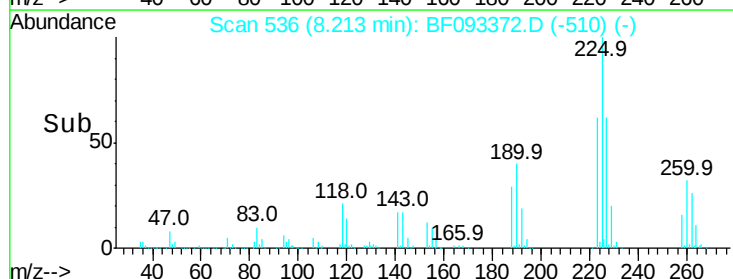
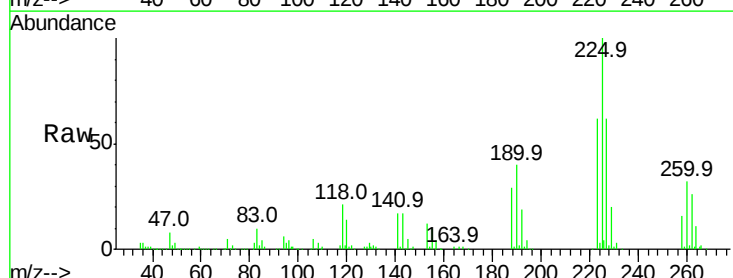
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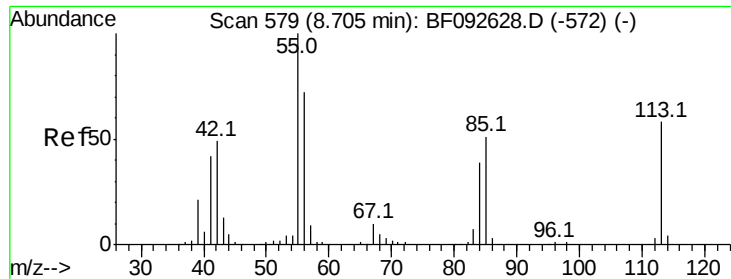
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#34
Hexachlorobutadiene
Concen: 34.46 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	51.0	76.6	
227	62.4	50.6	76.0	





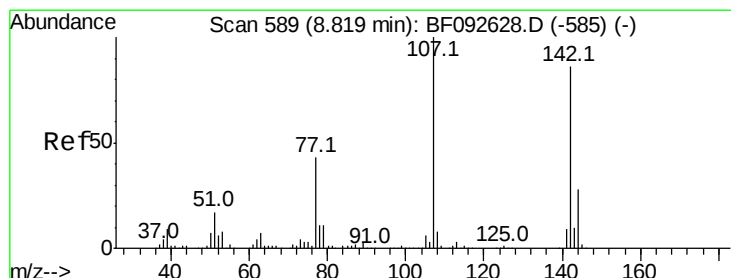
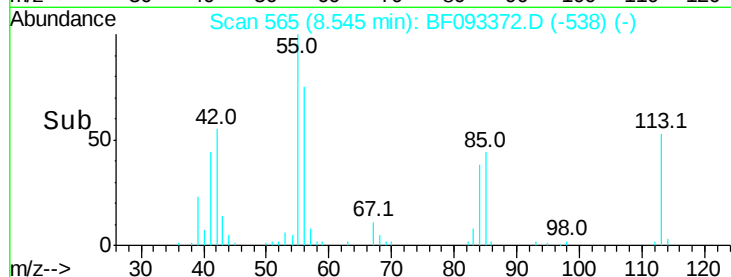
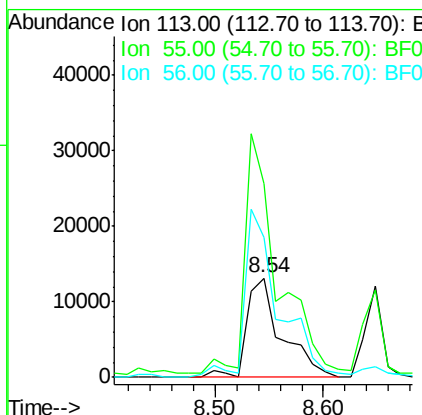
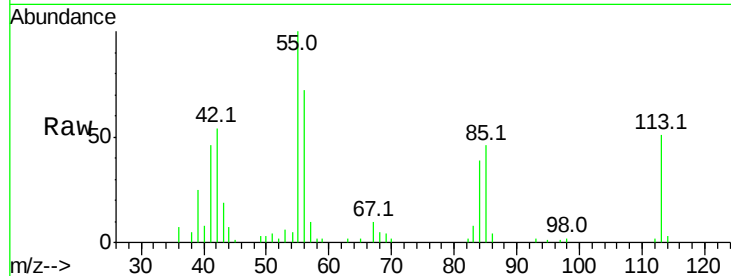
#35
Caprolactam
Concen: 7.90 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion:113 Resp: 29212
Ion Ratio Lower Upper
113 100
55 195.6 119.2 159.2#
56 141.4 83.8 123.8#

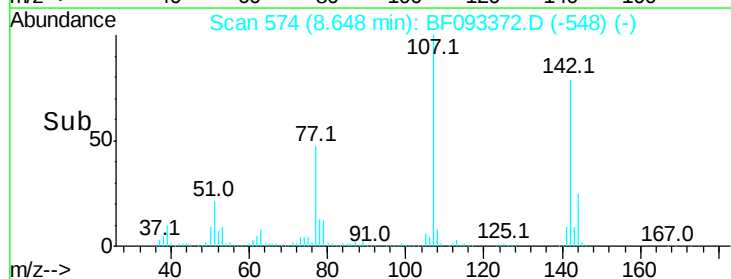
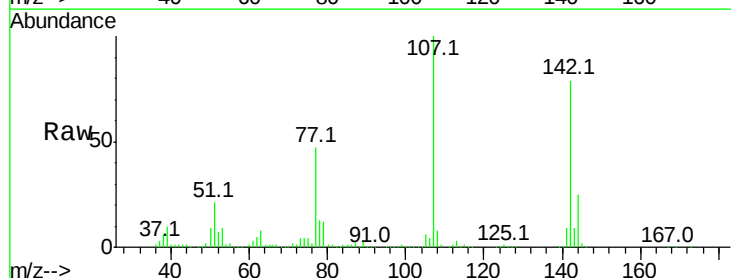
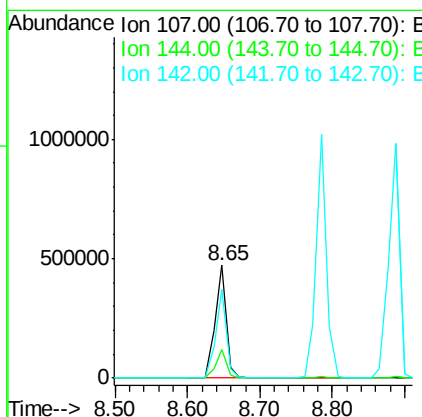
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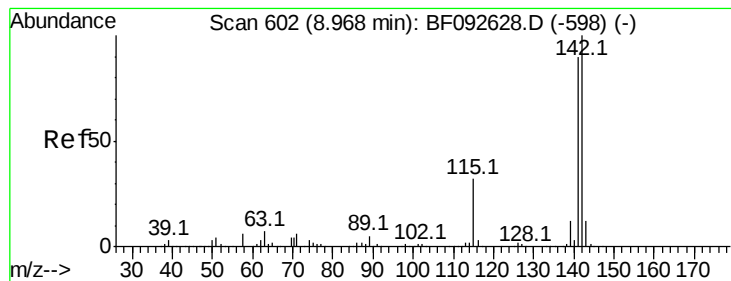
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.29 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion:107 Resp: 506264
Ion Ratio Lower Upper
107 100
144 25.3 19.3 28.9
142 78.7 59.0 88.6





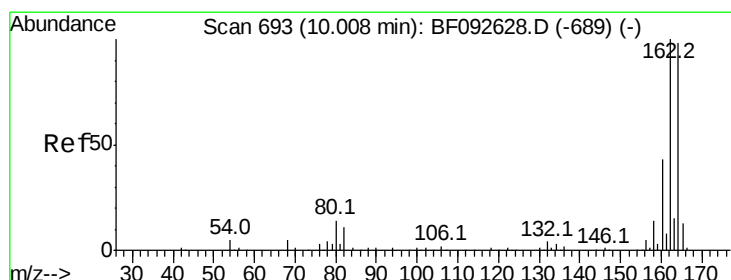
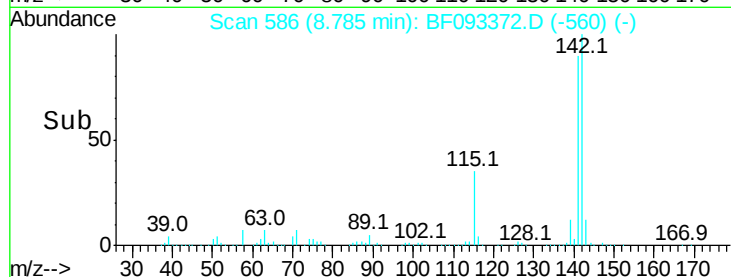
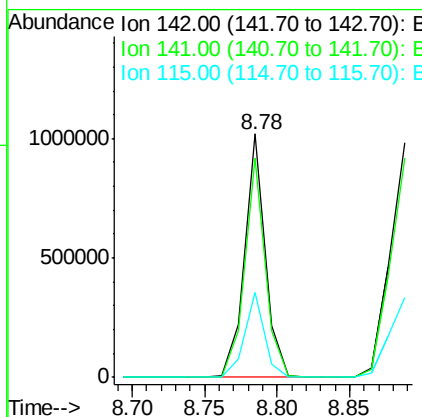
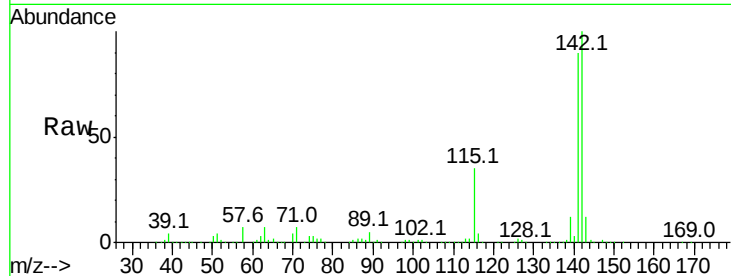
#37
2-Methylnaphthalene
Concen: 37.75 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	35.0	28.3	42.5

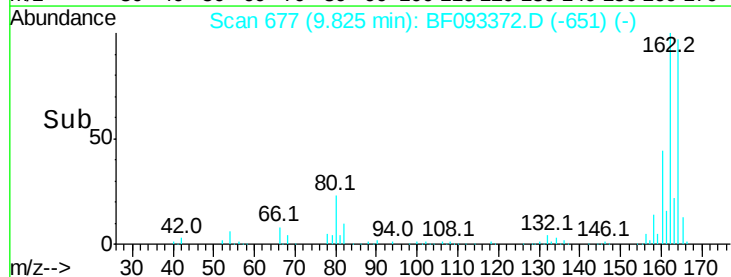
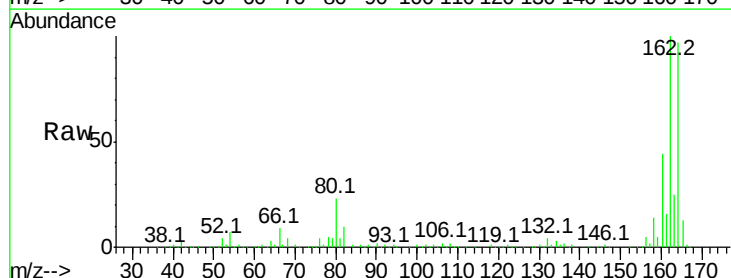
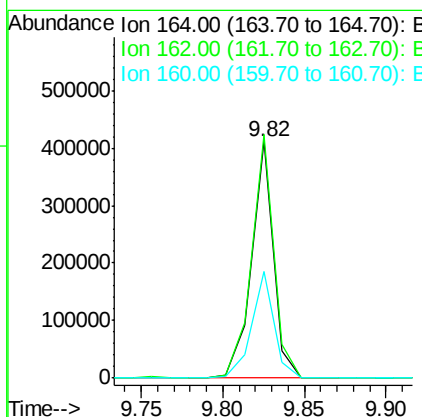
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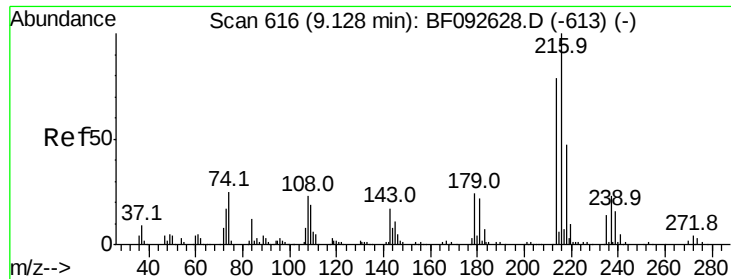
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	45.3	36.9	55.3





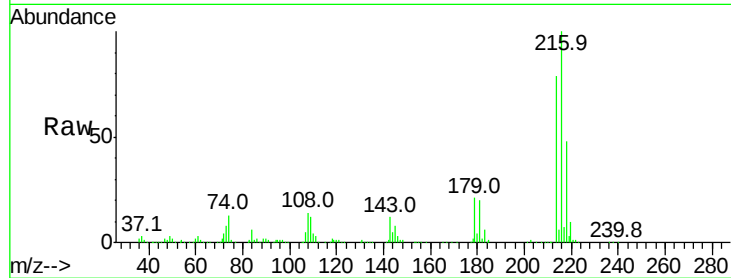
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.49 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

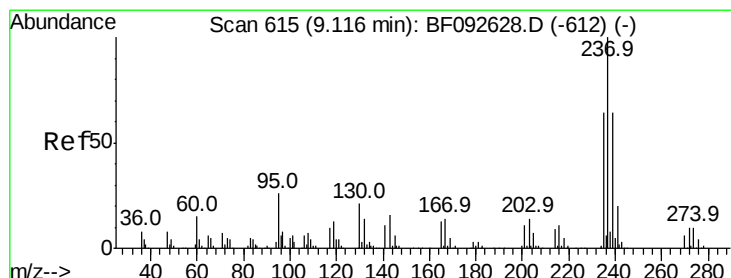
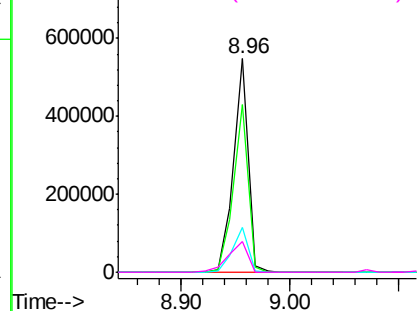
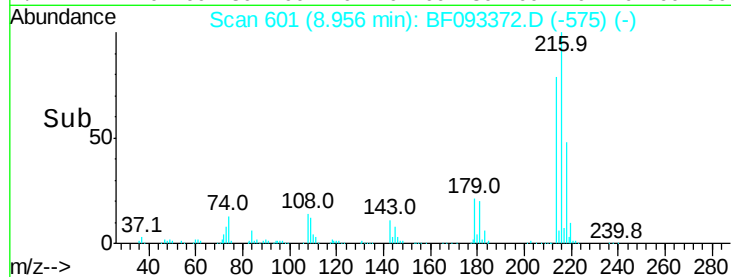
Tot Ion	Ratio	Resp	Lower	Upper
216	100	509609		
214	79.3		63.4	95.0
179	22.0		17.4	26.2
108	19.6		15.6	23.4

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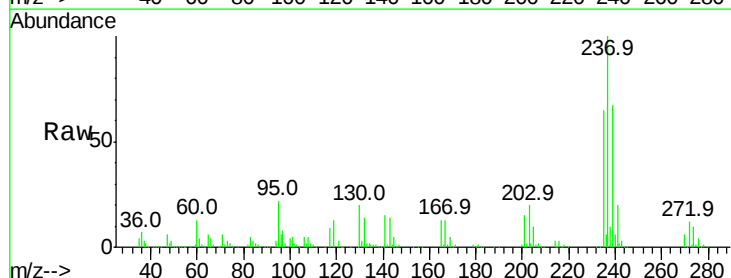


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

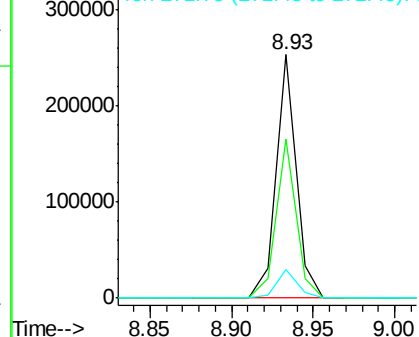
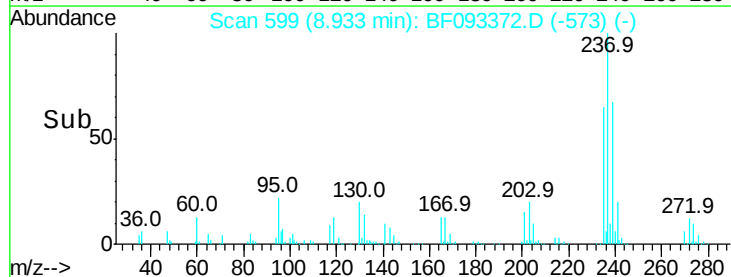


#40
 Hexachlorocyclopentadiene
 Concen: 45.42 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	219894		
235	65.4		41.2	81.2
272	11.8		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





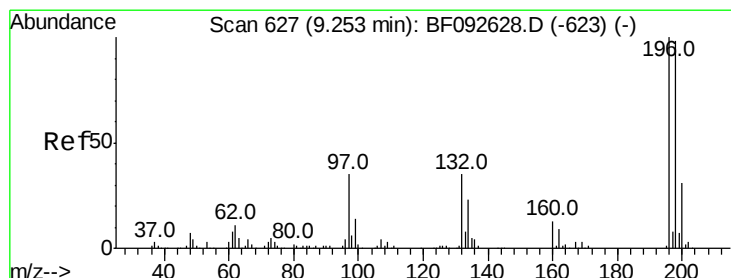
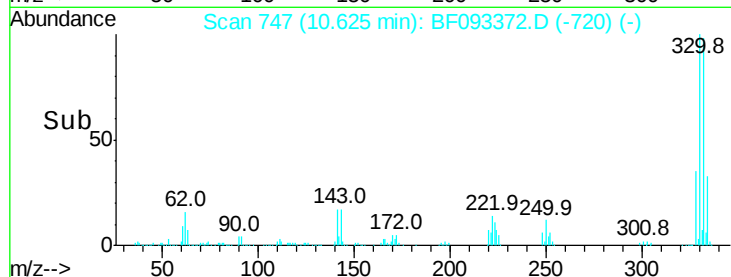
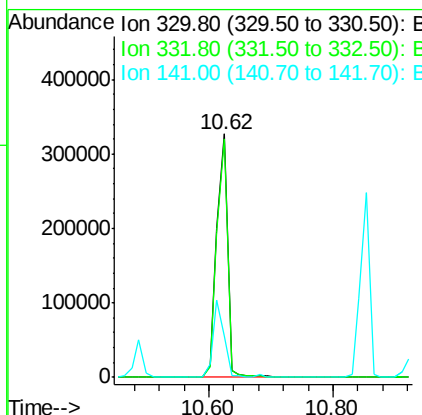
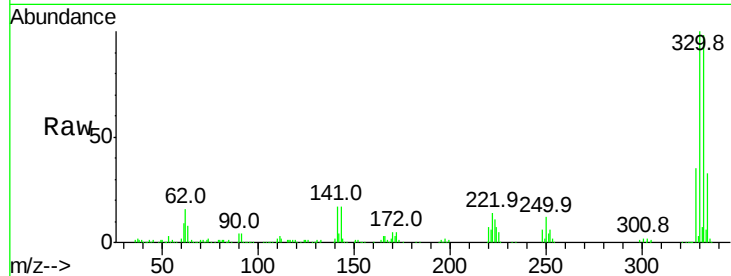
#41
 2,4,6-Tribromophenol
 Concen: 142.44 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.4	116.2	
141	32.1	34.1	51.1#	

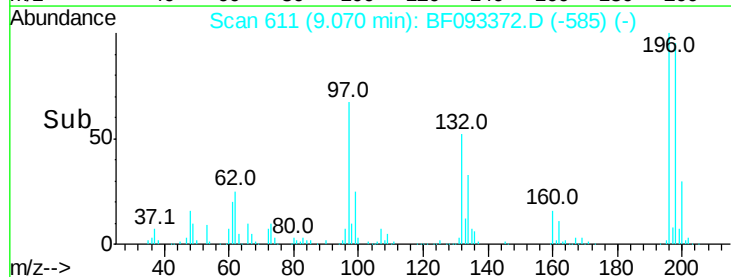
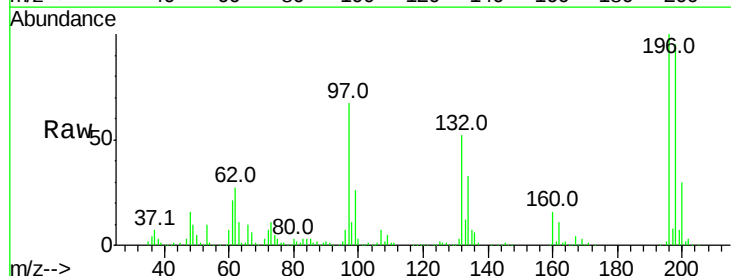
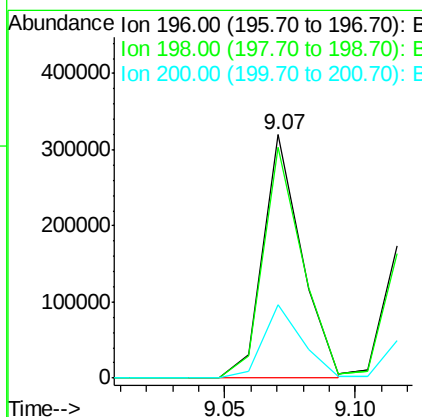
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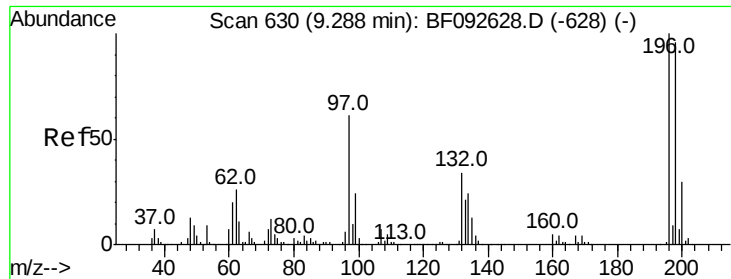
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#42
 2,4,6-Trichlorophenol
 Concen: 46.10 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	82.1	123.1	
200	30.4	27.0	40.4	





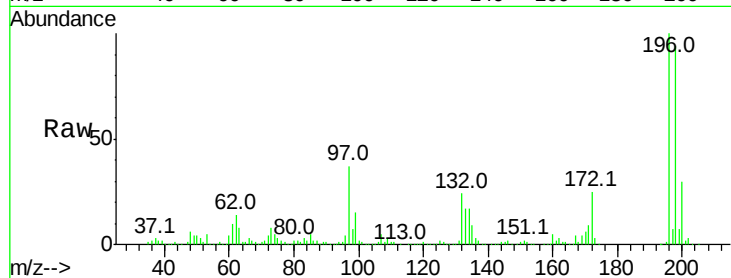
#43
 2,4,5-Trichlorophenol
 Concen: 47.10 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	363895		
198	94.1	79.4	119.2	
97	37.2	51.5	77.3	
132	24.3	27.4	41.2	

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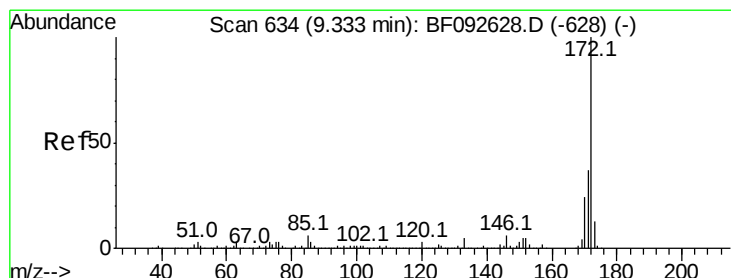
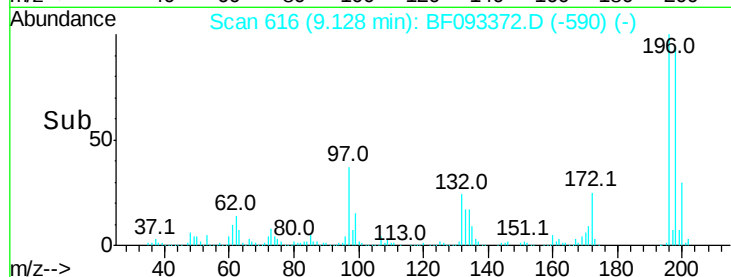
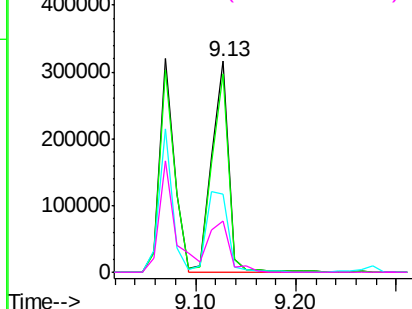
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

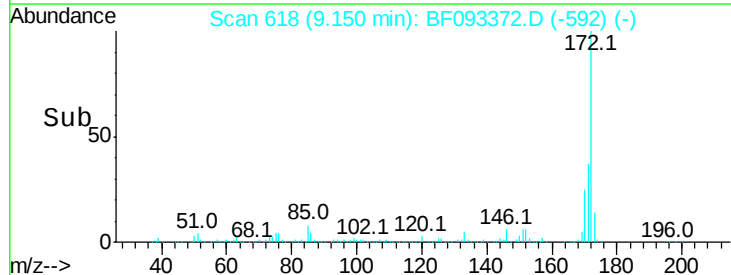
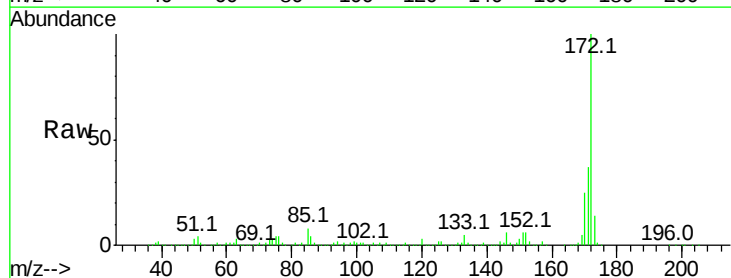
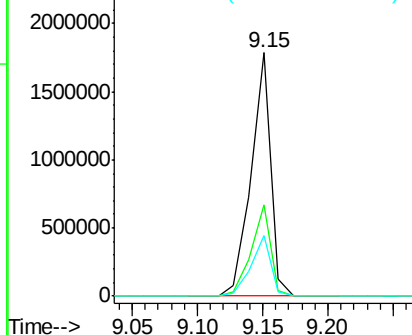
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1874406		
171	37.3	29.4	44.0	
170	25.1	20.2	30.4	

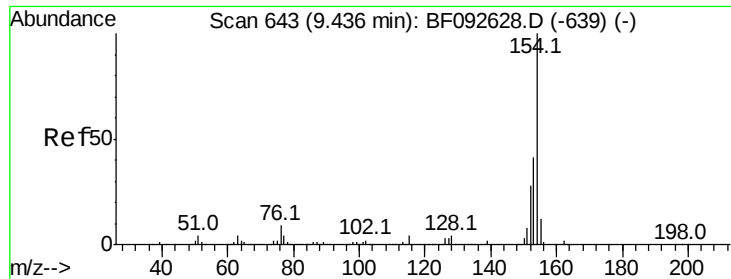
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 50.80 ng

RT: 9.25 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

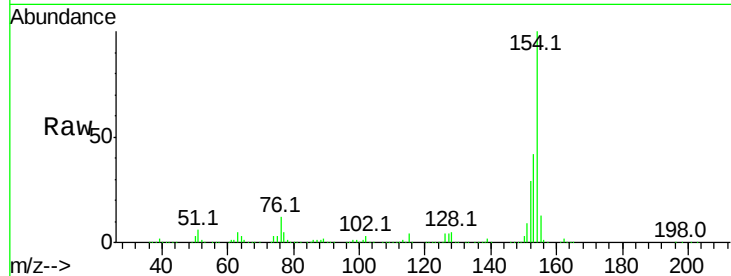
ClientSampleId :

SRI-MW-4-20170302MS

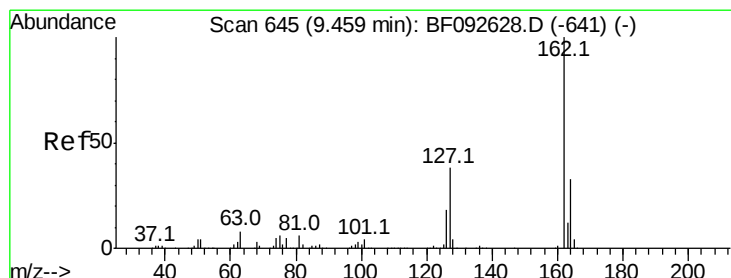
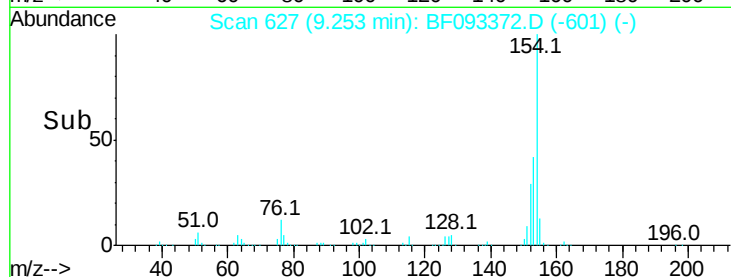
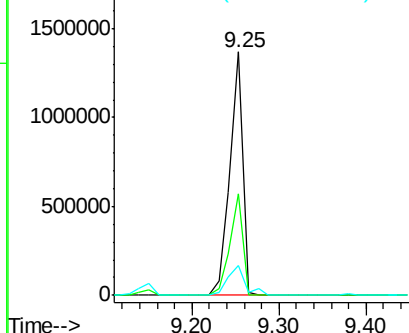
Tot Ion:	154	Resp:	1406234
Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.9	60.9
76	12.2	0.0	30.5

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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: 47.71 ng

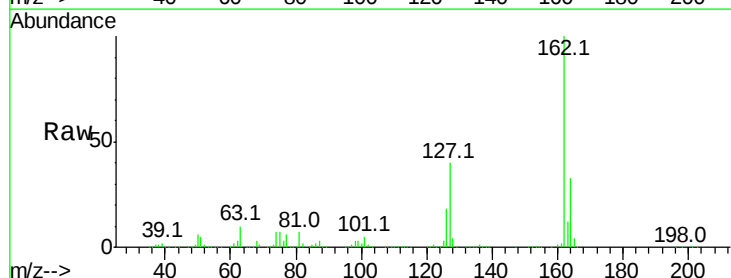
RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

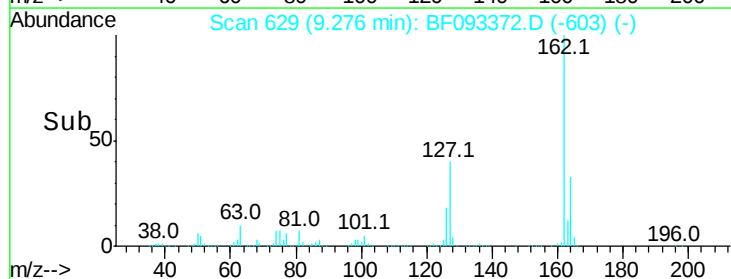
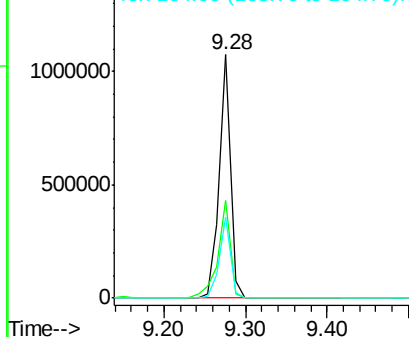
Lab File: BF093372.D

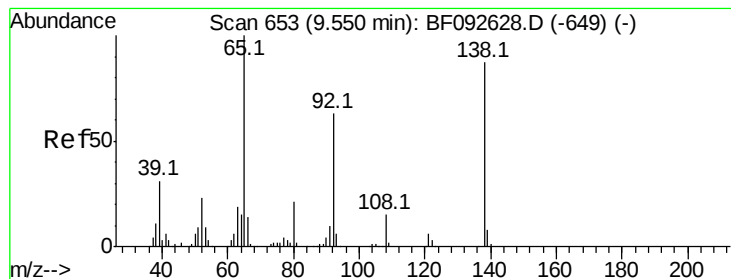
Acq: 3 Mar 2017 21:29

Tgt Ion:	162	Resp:	1033108
Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	33.2	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: 48.16 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

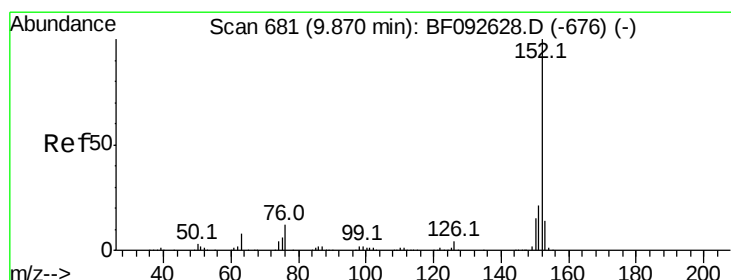
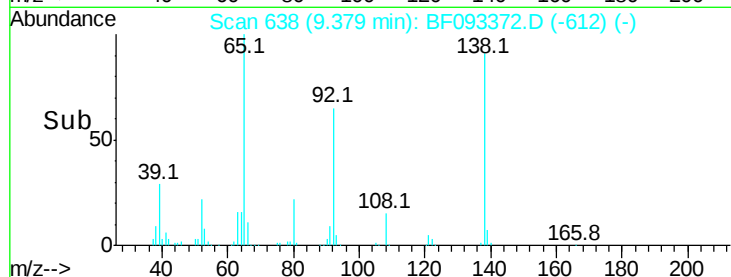
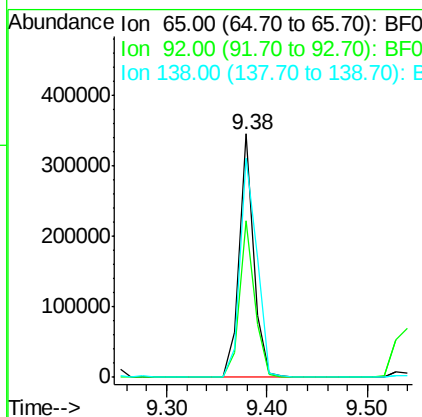
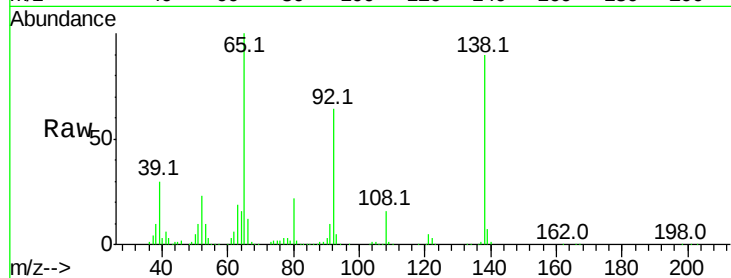
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.9	80.9
138	90.3	76.8	115.2

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#48

Acenaphthylene

Concen: 40.62 ng

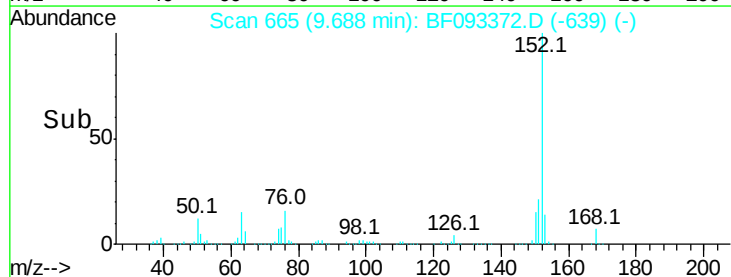
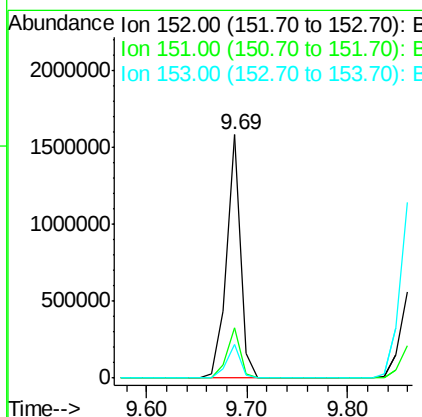
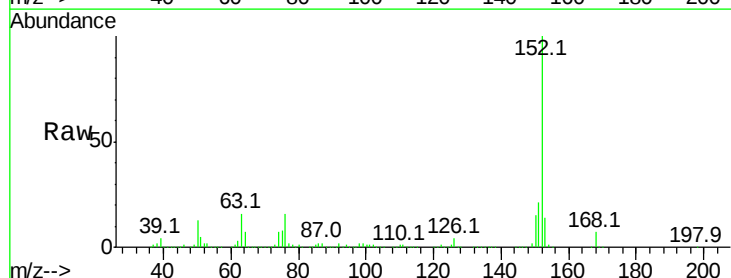
RT: 9.69 min Scan# 665

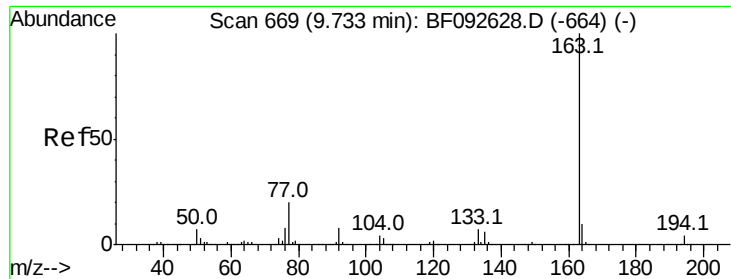
Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.8	11.4	17.2





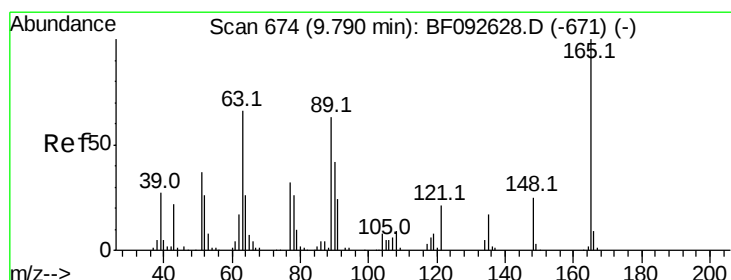
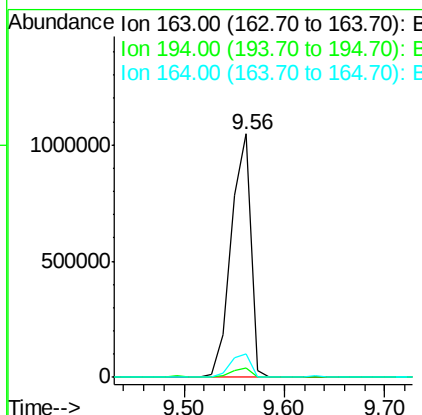
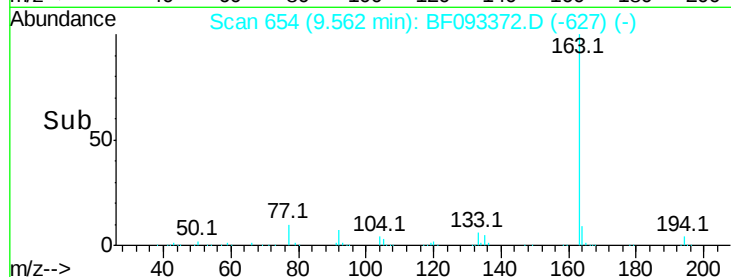
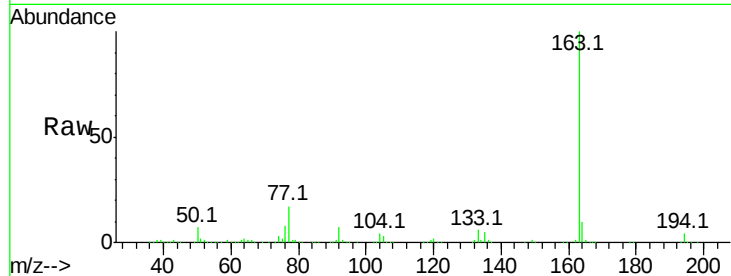
#49
Dimethylphthalate
Concen: 54.91 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion:163 Resp: 1413703
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.0 12.0

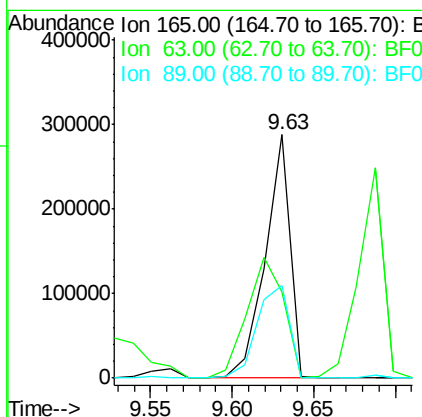
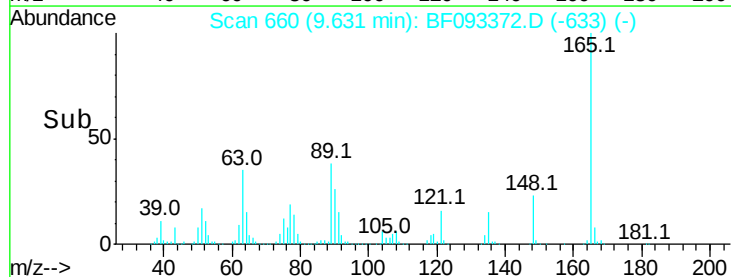
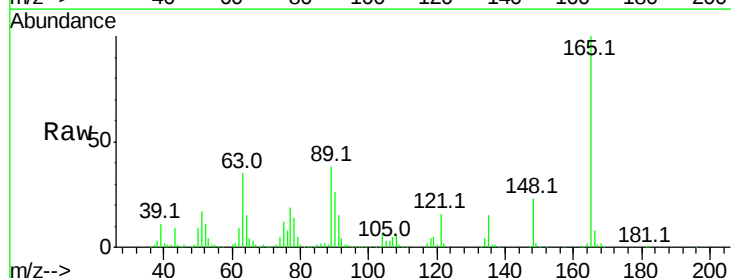
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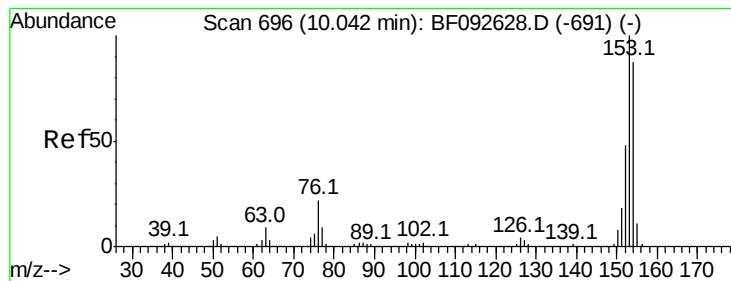
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#50
2,6-Dinitrotoluene
Concen: 54.83 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion:165 Resp: 304866
Ion Ratio Lower Upper
165 100
63 35.3 36.2 54.4#
89 38.1 40.2 60.4#





#51

Acenaphthene

Concen: 42.07 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

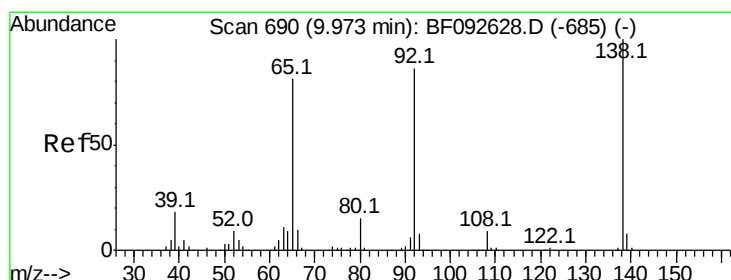
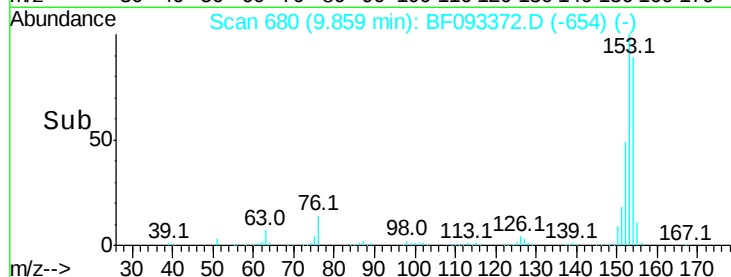
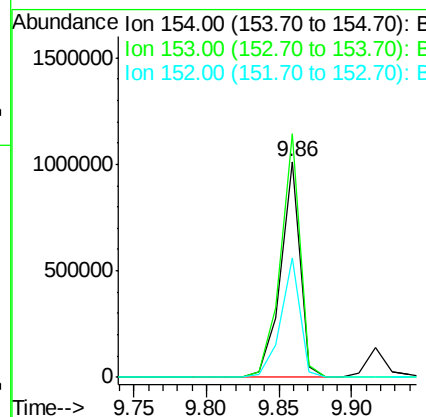
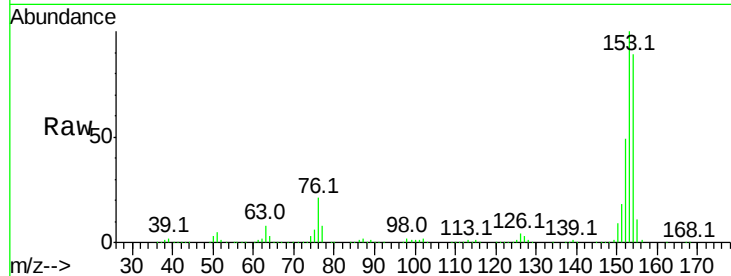
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:	154	Resp:	940903
Ion Ratio	Lower	Upper	
154	100		
153	112.9	88.6	133.0
152	55.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 26.68 ng

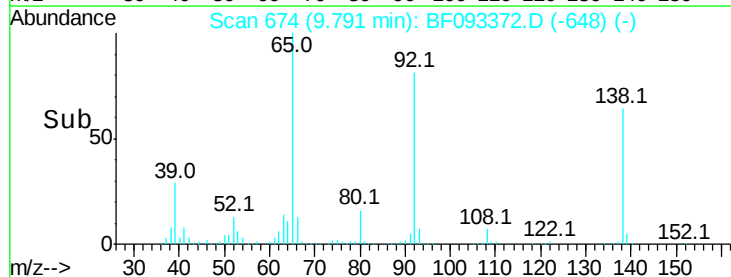
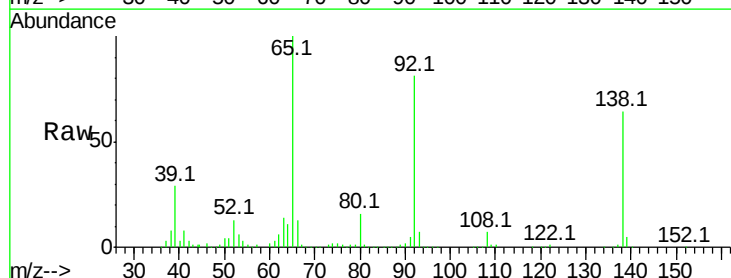
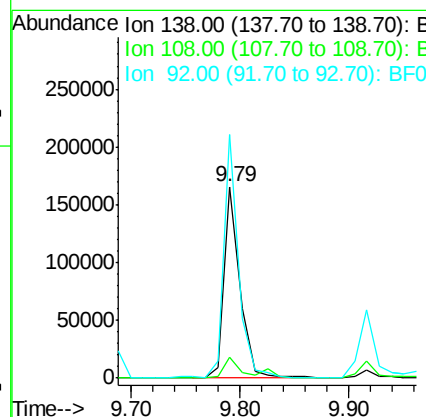
RT: 9.79 min Scan# 674

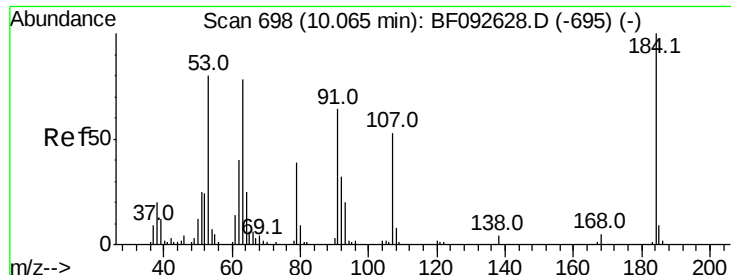
Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion:	138	Resp:	169797
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	127.4	97.8	146.8





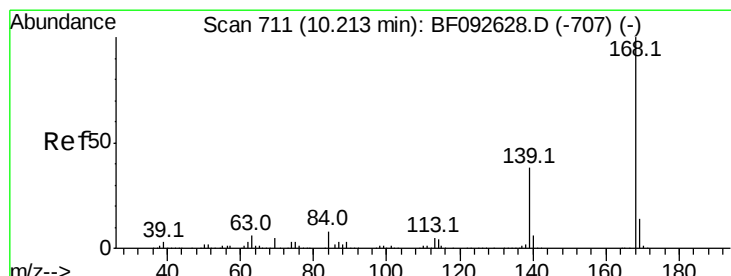
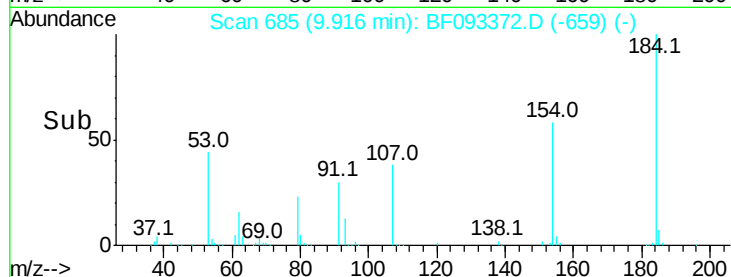
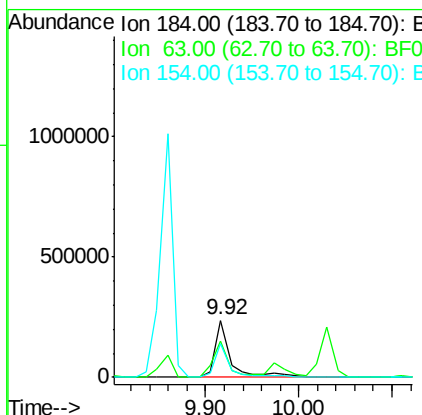
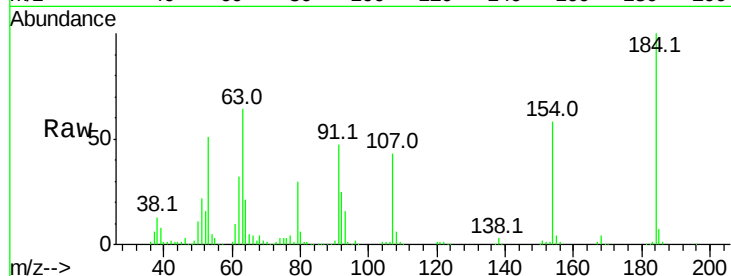
#53
 2,4-Dinitrophenol
 Concen: 95.20 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.3	28.4	42.6	
154	58.3	44.3	66.5	

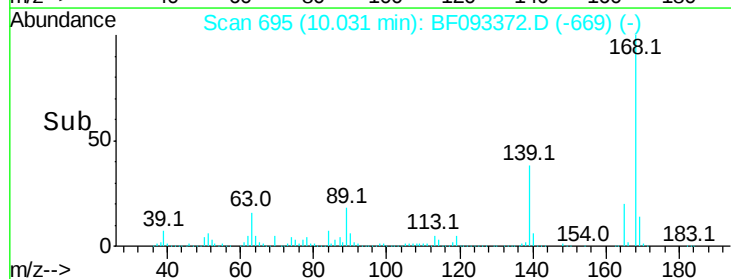
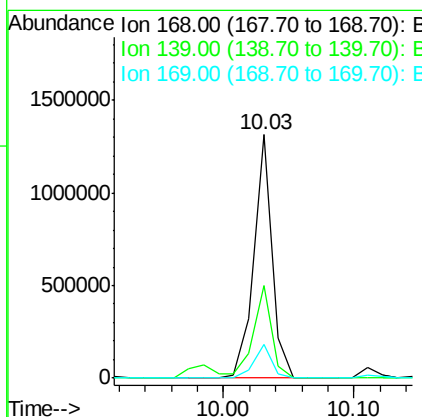
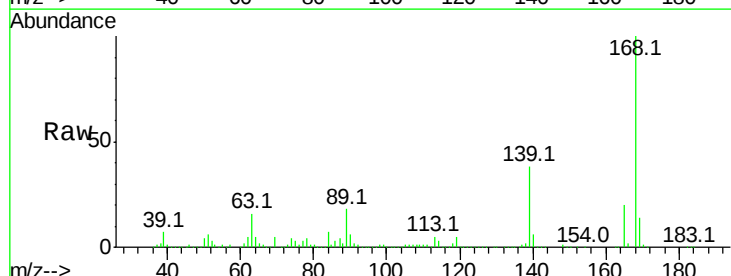
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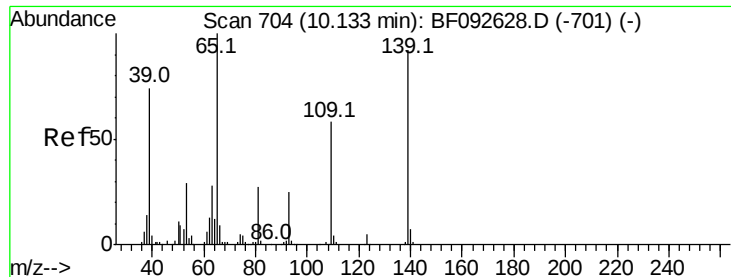
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#54
 Dibenzofuran
 Concen: 42.95 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	32.6	49.0	
169	13.9	11.3	16.9	





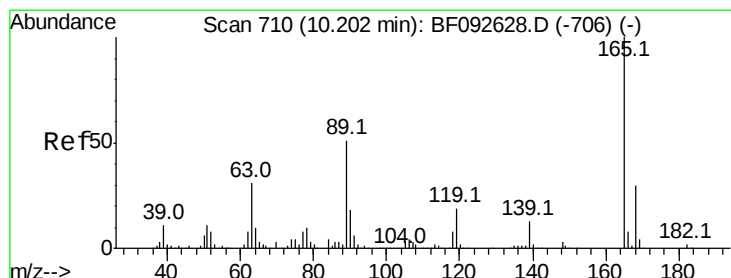
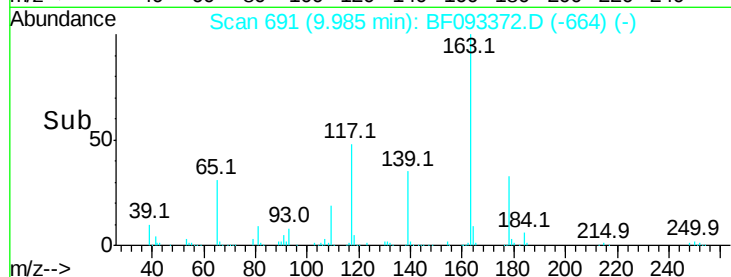
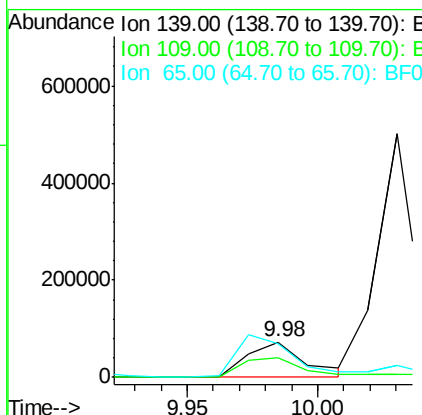
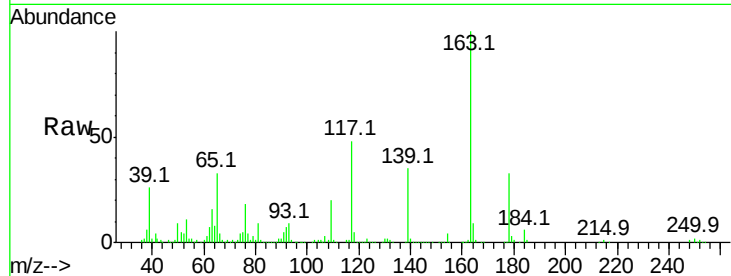
#55
4-Nitrophenol
Concen: 24.92 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100	114210		
109	56.7	52.2	92.2	
65	94.1	85.8	125.8	

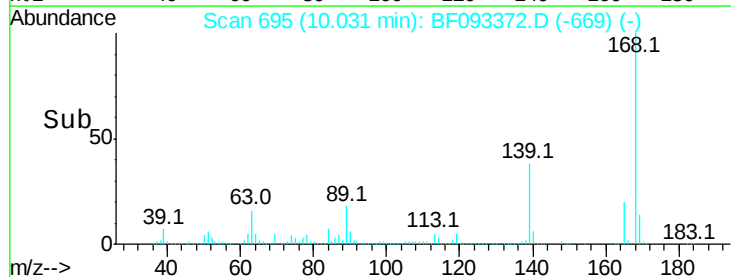
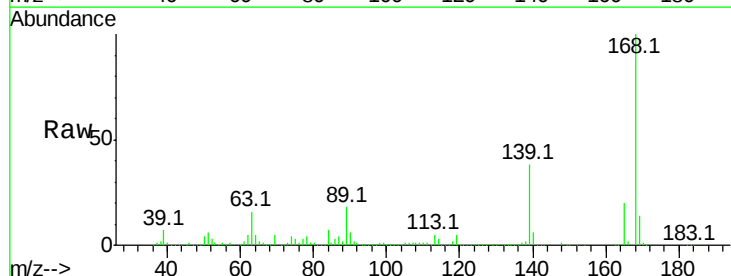
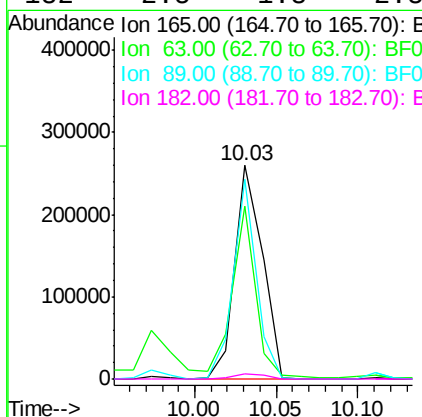
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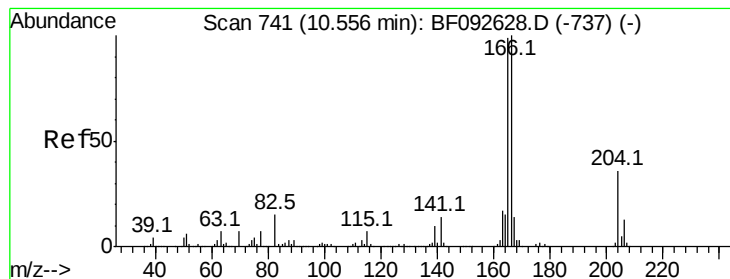
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#56
2,4-Dinitrotoluene
Concen: 41.06 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	303935		
63	80.6	40.2	60.4	#
89	93.4	62.5	93.7	
182	2.5	1.8	2.8	





#57

Fluorene

Concen: 43.98 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:166 Resp: 1012223

Ion Ratio Lower Upper

166 100

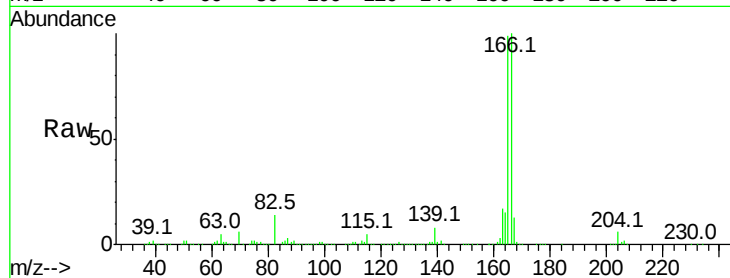
165 99.1 77.8 116.8

167 13.5 10.8 16.2

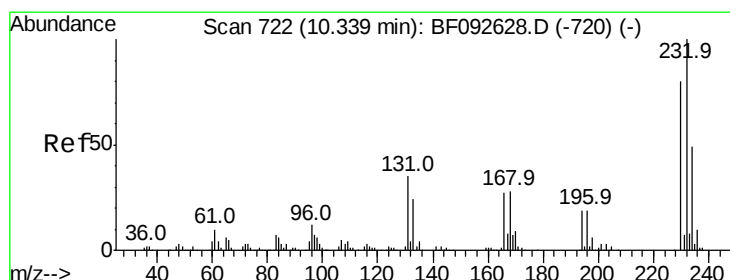
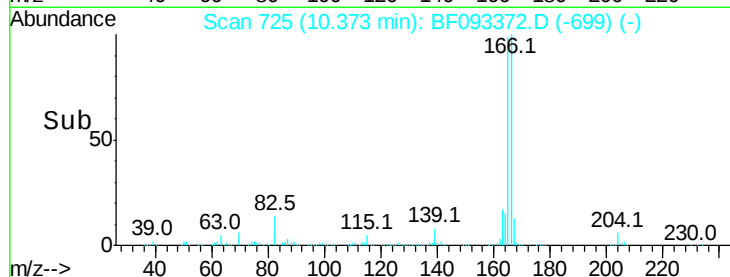
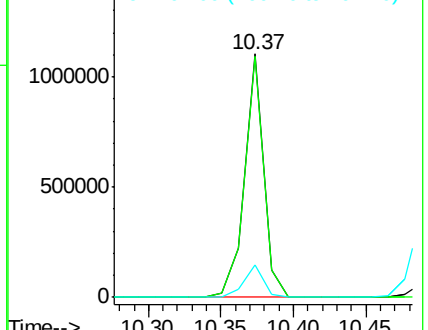
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Abundance Ion 166.00 (165.70 to 166.70): E
1500000 Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.17 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion:232 Resp: 258569

Ion Ratio Lower Upper

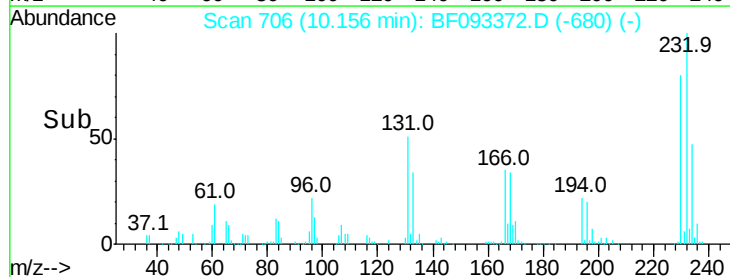
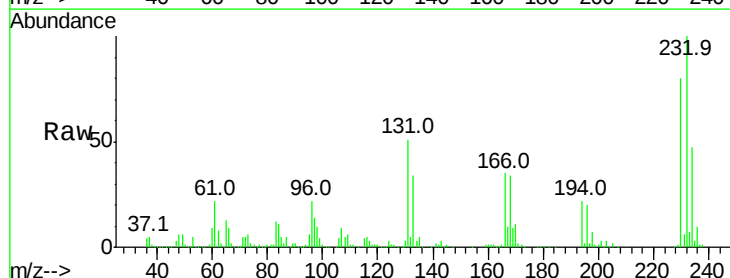
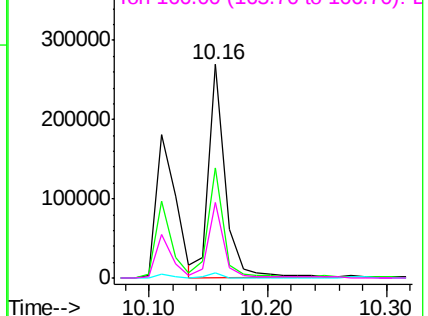
232 100

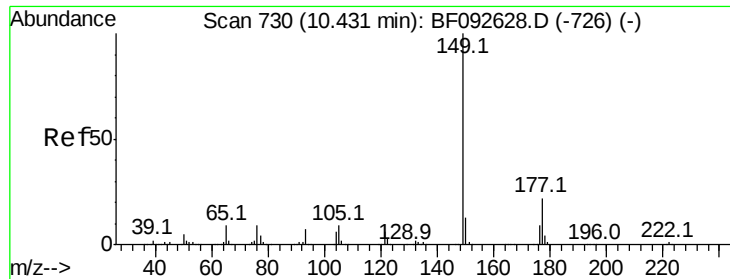
131 49.6 40.1 60.1

130 2.4 1.8 2.8

166 32.8 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





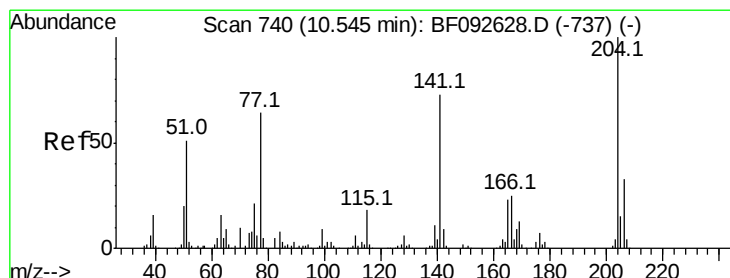
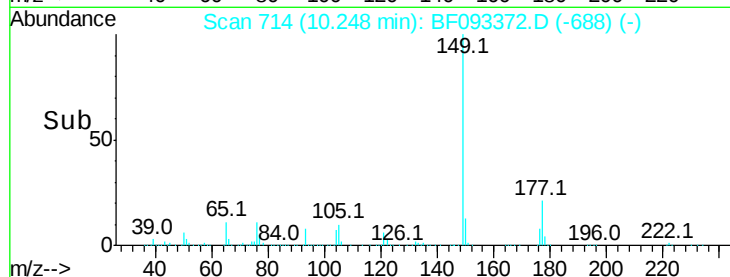
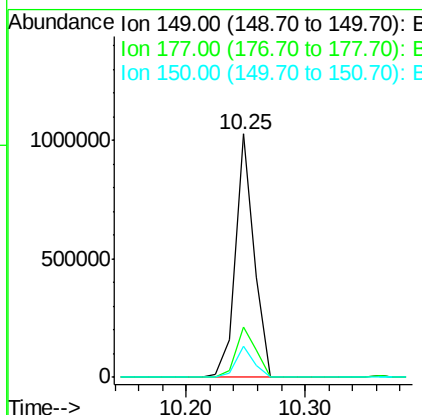
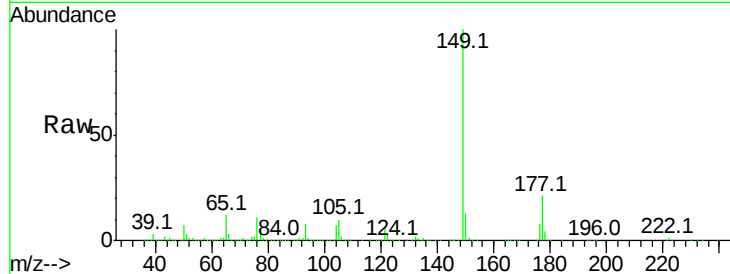
#59
Diethylphthalate
Concen: 46.00 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion:149 Resp: 1116189
Ion Ratio Lower Upper
149 100
177 20.7 16.6 25.0
150 12.9 10.4 15.6

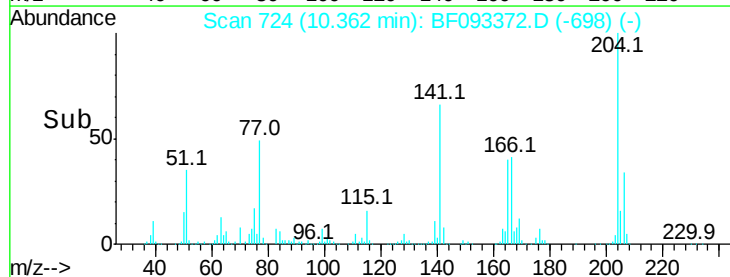
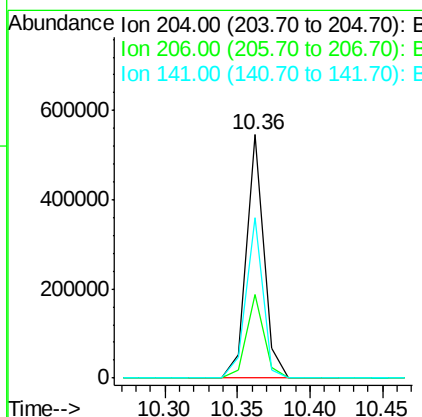
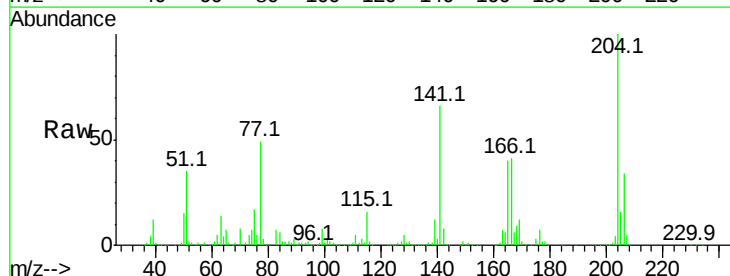
Manual Integrations
APPROVED

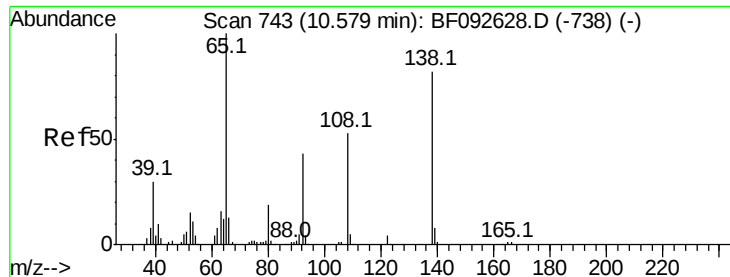
mohammad
3/6/2017 4:23:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.51 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion:204 Resp: 458960
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 66.0 59.4 89.0





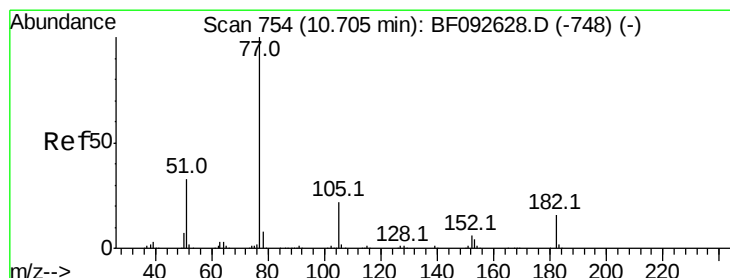
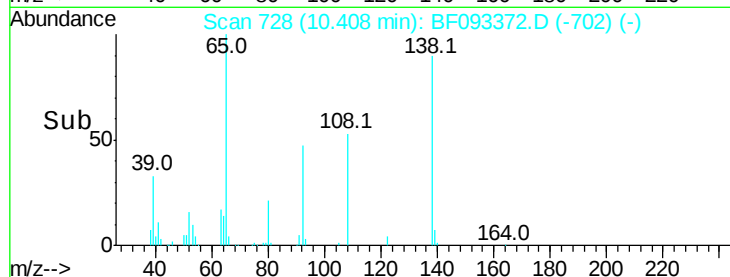
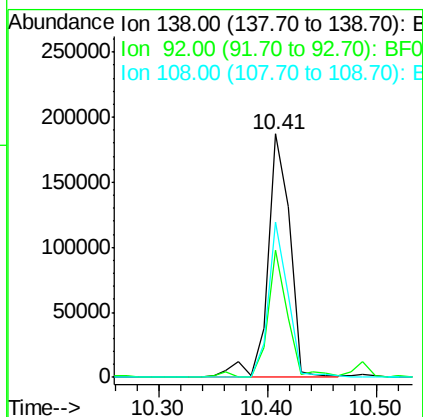
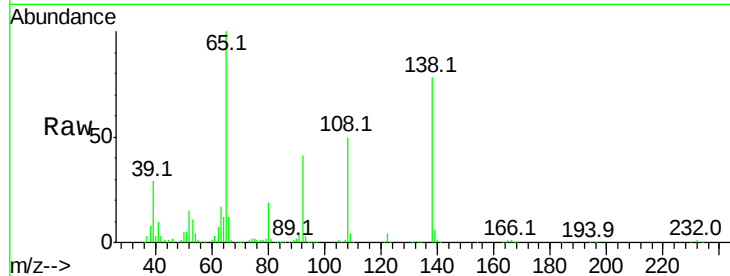
#61
4-Nitroaniline
Concen: 40.54 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.7	71.7
108	63.6	52.6	92.6

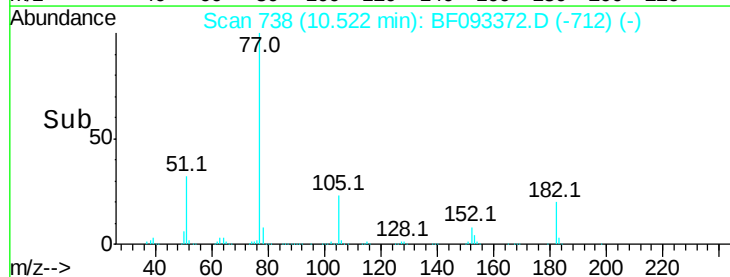
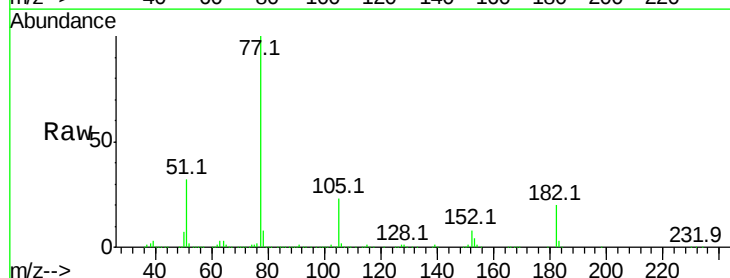
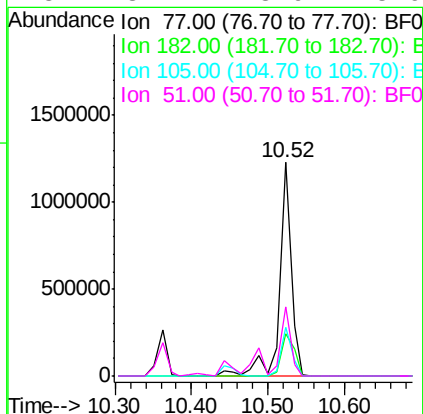
Manual Integrations
APPROVED

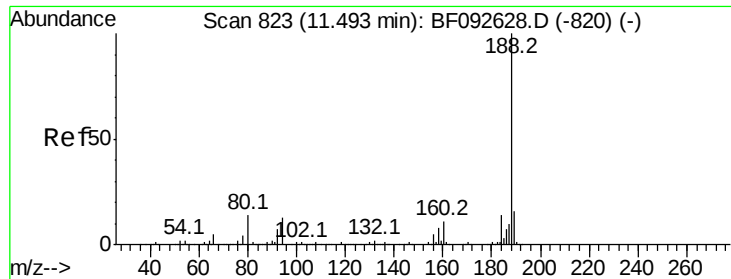
mohammad
3/6/2017 4:23:27 PM



#62
Azobenzene
Concen: 52.27 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.0	39.3
105	22.7	2.3	42.3
51	32.4	8.9	48.9





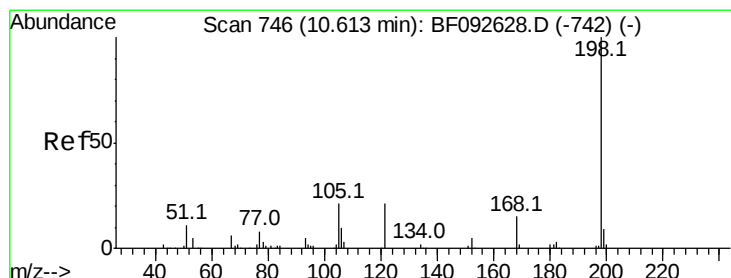
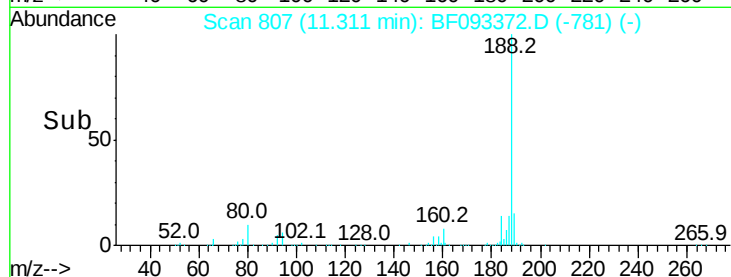
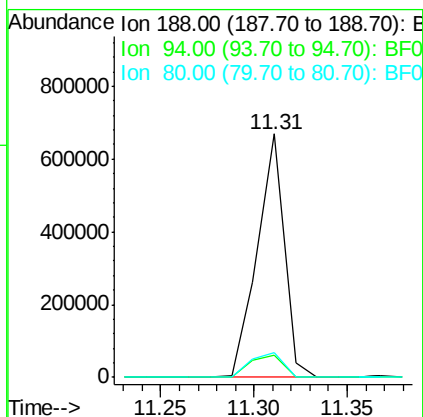
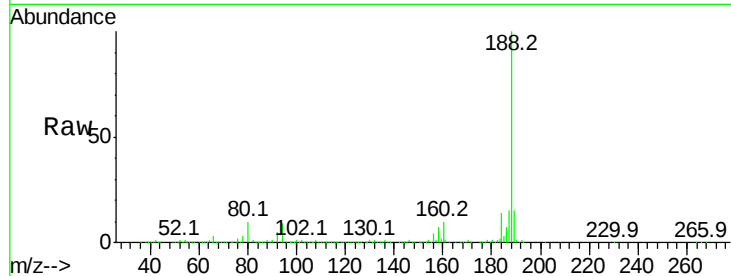
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	669584		
94	9.2	10.0	15.0#	
80	10.0	11.2	16.8#	

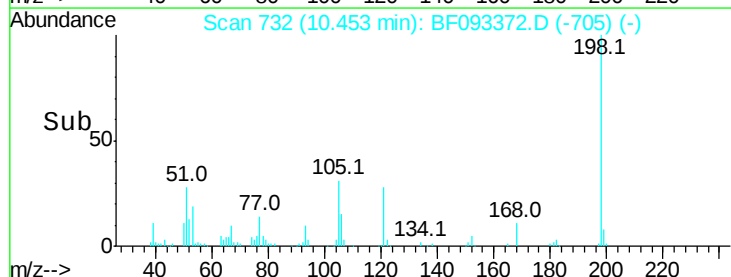
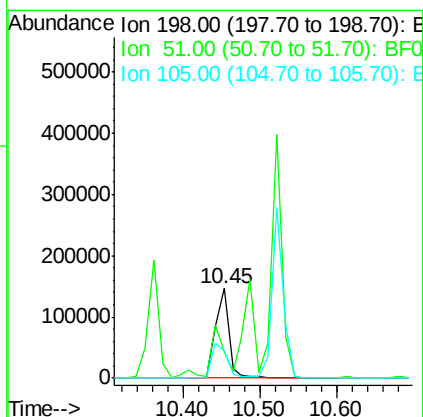
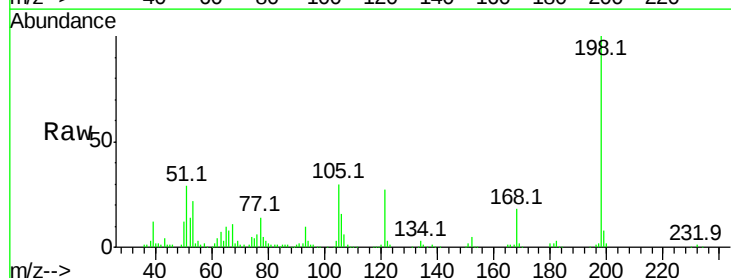
Manual Integrations
APPROVED

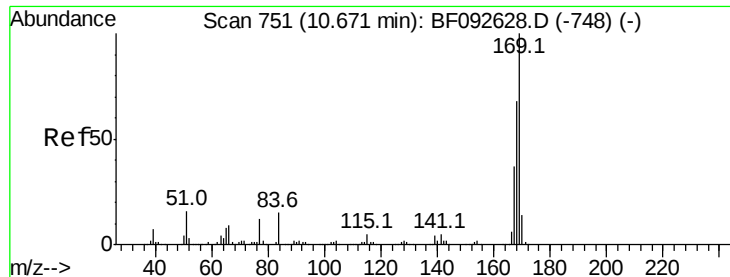
mohammad
3/6/2017 4:23:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.16 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	183378		
51	28.7	6.7	46.7	
105	30.3	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 42.67 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

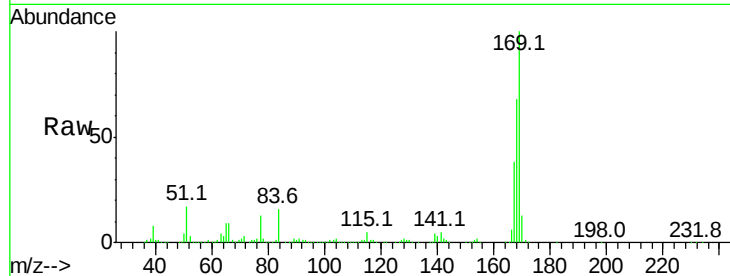
ClientSampleId :

SRI-MW-4-20170302MS

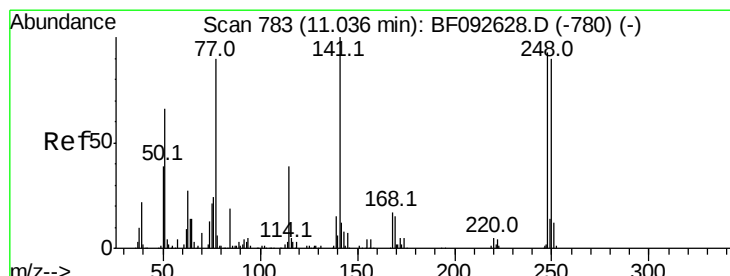
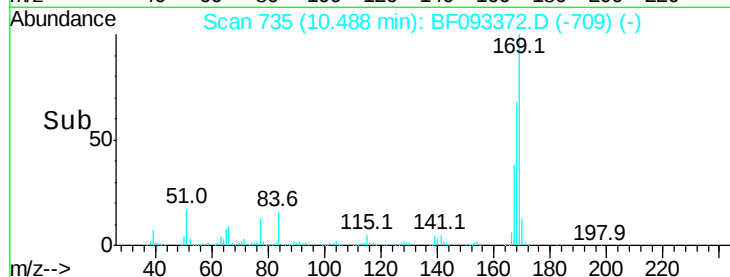
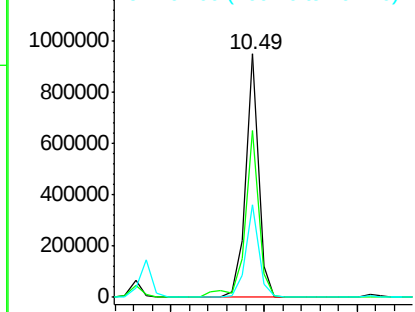
Tot Ion:	169	Resp:	912694
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.2	81.2
167	37.9	30.2	45.4

Manual Integrations
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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: 43.96 ng

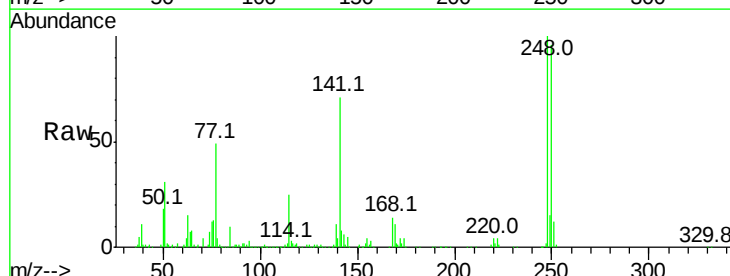
RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

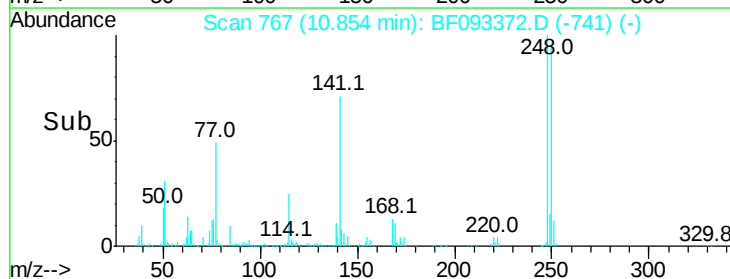
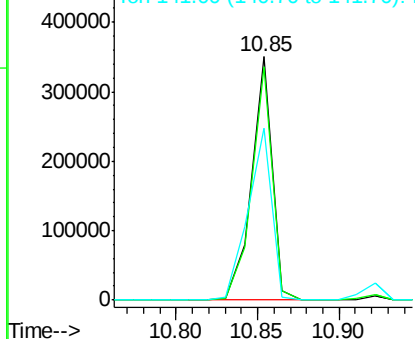
Lab File: BF093372.D

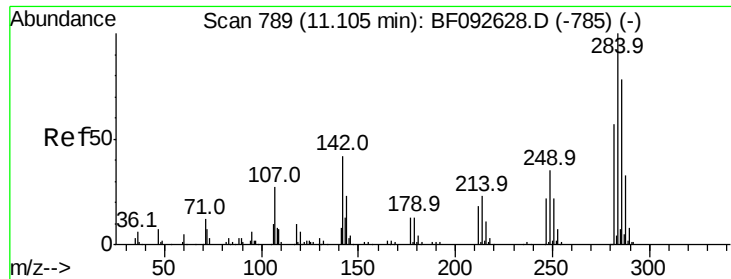
Acq: 3 Mar 2017 21:29

Tgt Ion:	248	Resp:	307499
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.9	115.3
141	70.7	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





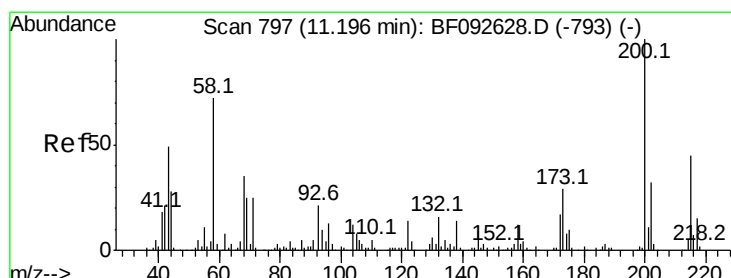
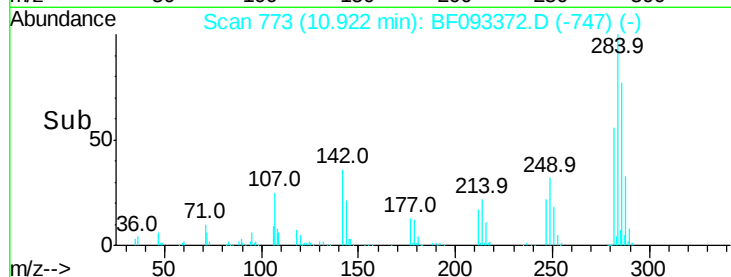
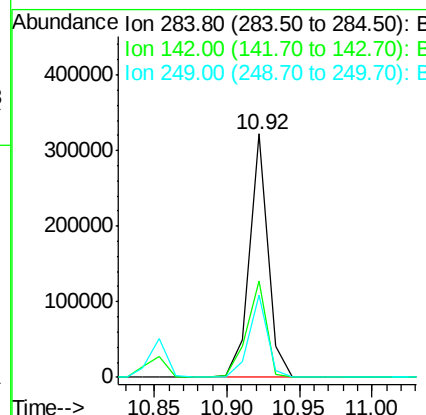
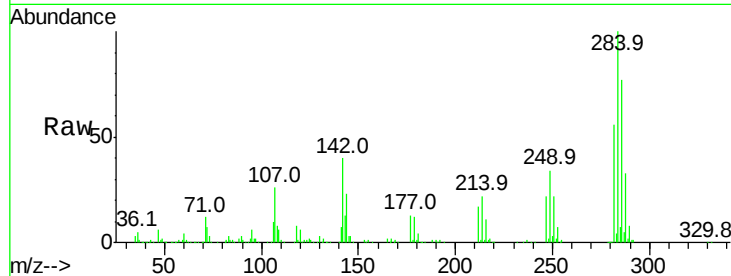
#67
Hexachlorobenzene
Concen: 41.36 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	285903		
142	39.8	22.6	33.8#	
249	33.9	25.4	38.0	

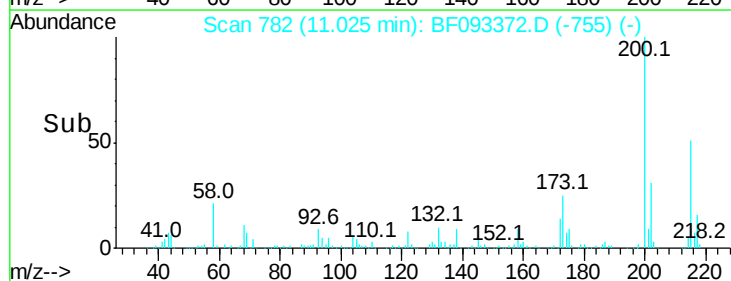
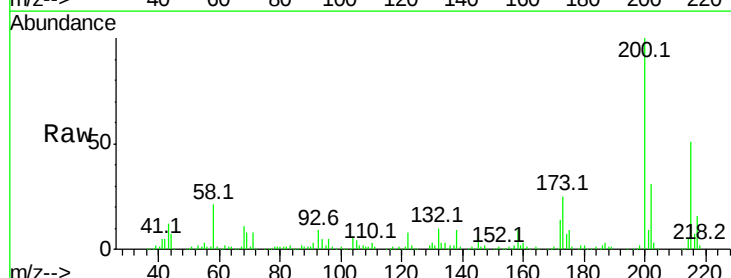
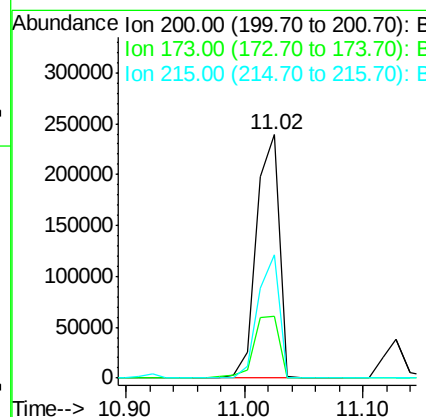
Manual Integrations
APPROVED

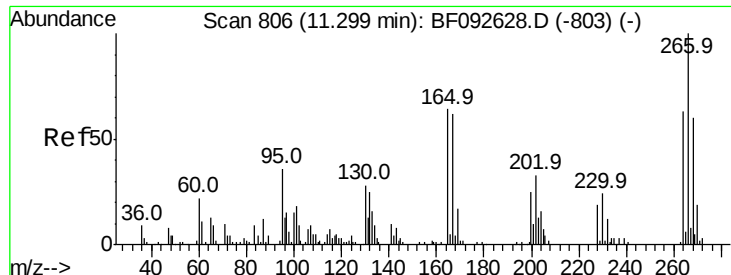
mohammad
3/6/2017 4:23:27 PM



#68
Atrazine
Concen: 46.89 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	321877		
173	25.1	9.6	49.6	
215	50.5	25.7	65.7	





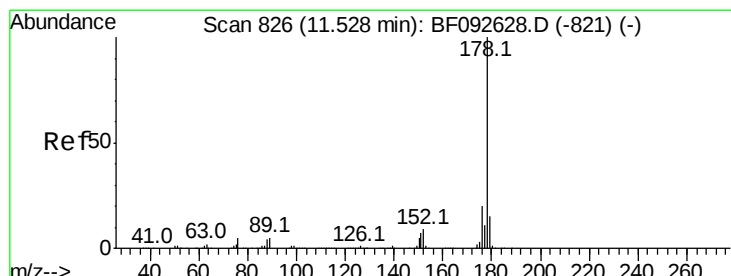
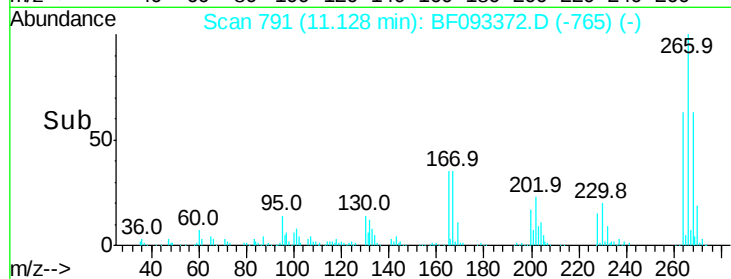
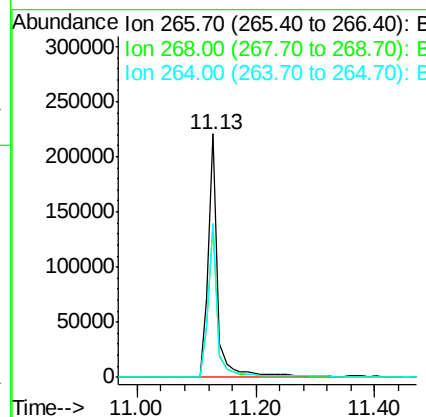
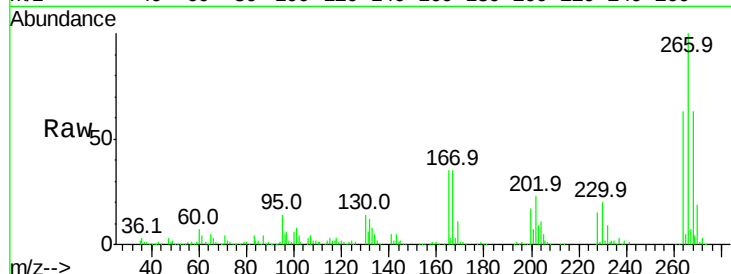
#69
 Pentachlorophenol
 Concen: 73.48 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	53.3	79.9
264	63.0	50.3	75.5

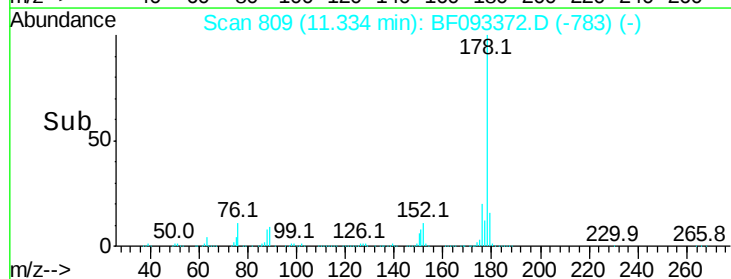
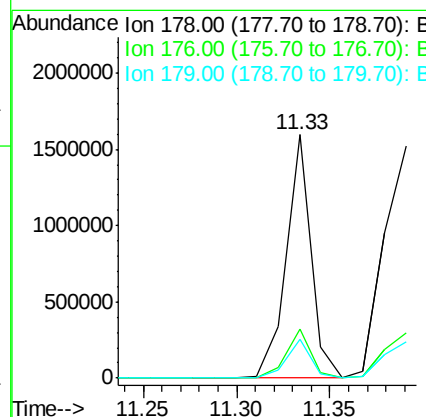
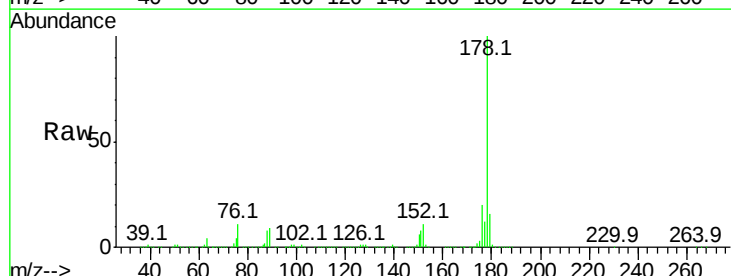
Manual Integrations
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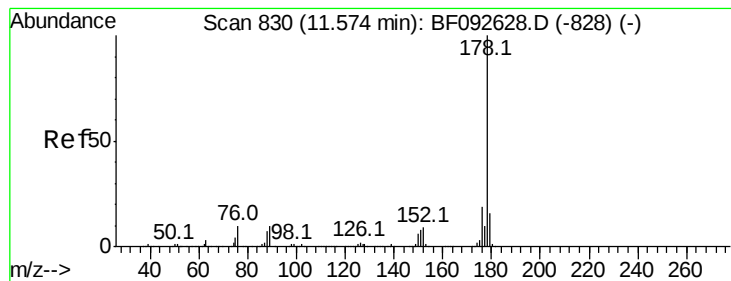
mohammad
 3/6/2017 4:23:27 PM



#70
 Phenanthrene
 Concen: 38.47 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	16.1	12.8	19.2





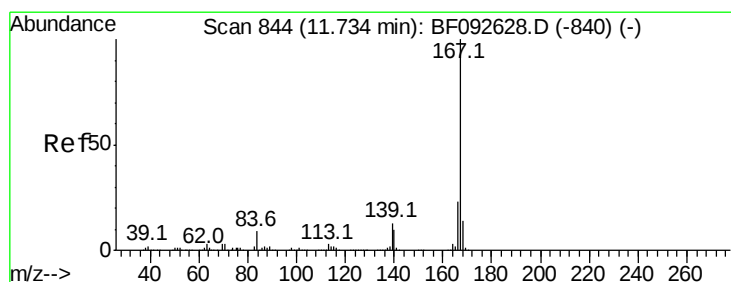
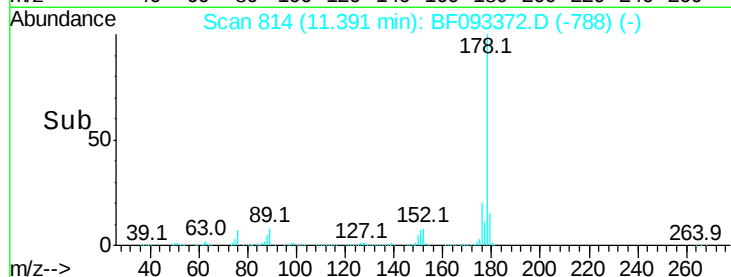
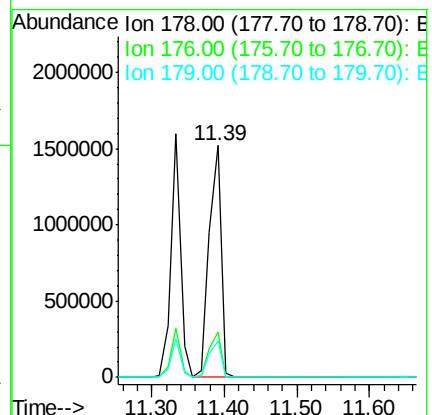
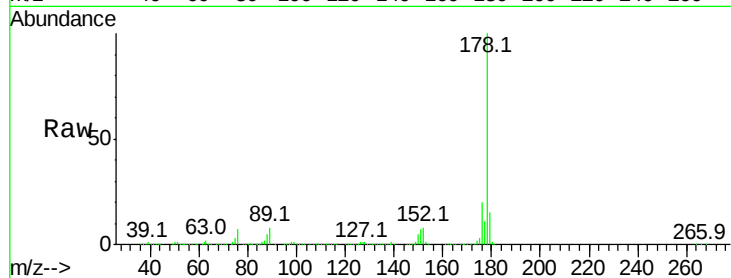
#71
 Anthracene
 Concen: 45.45 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion:178 Resp: 1750998
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 13.2 19.8

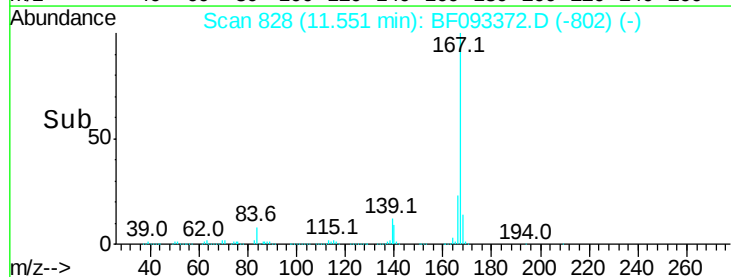
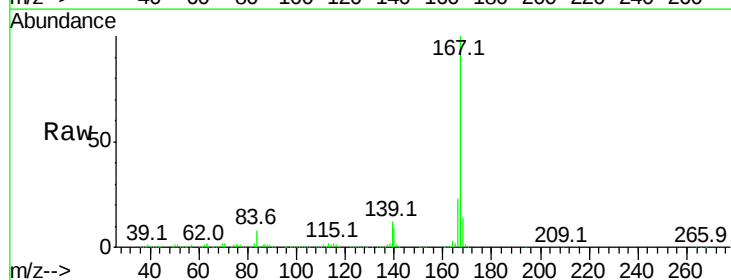
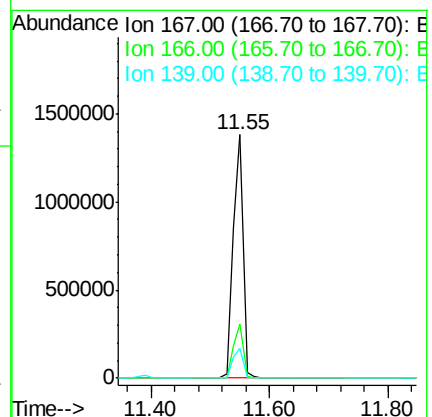
Manual Integrations
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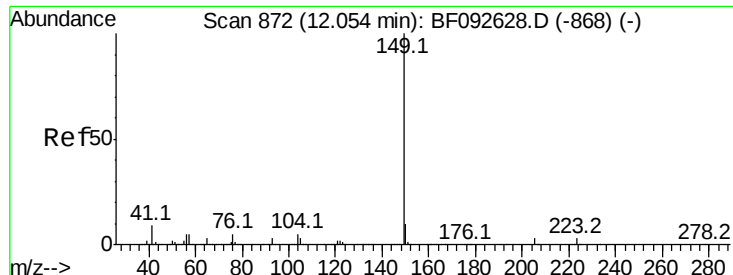
mohammad
 3/6/2017 4:23:27 PM



#72
 Carbazole
 Concen: 42.97 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion:167 Resp: 1582311
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 12.1 11.4 17.2





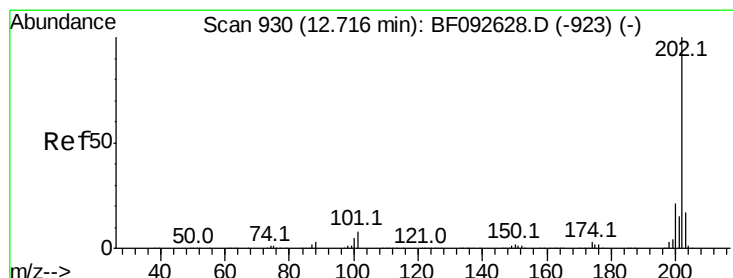
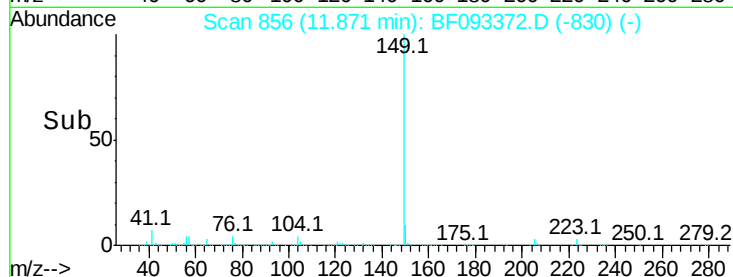
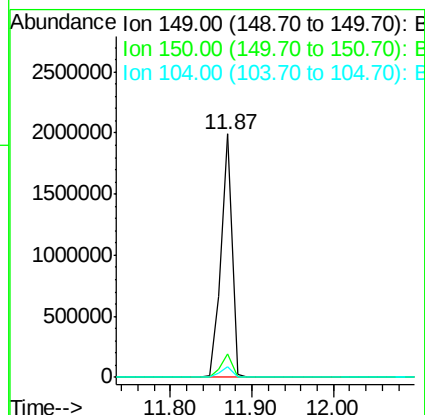
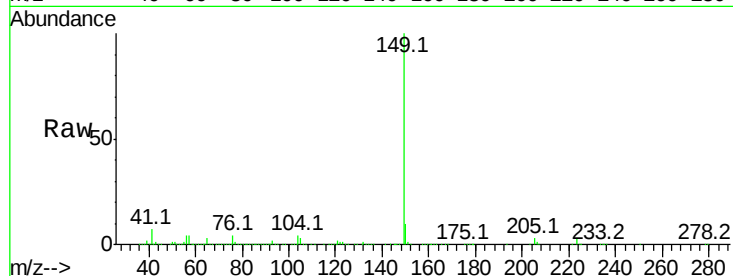
#73
Di-n-butylphthalate
Concen: 46.69 ng
RT: 11.87 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion:149 Resp: 1859620
Ion Ratio Lower Upper
149 100
150 9.5 8.1 12.1
104 4.3 4.6 7.0#

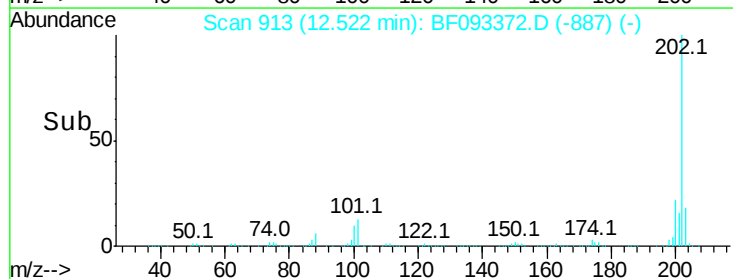
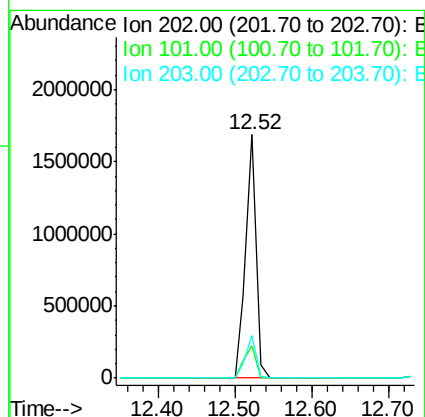
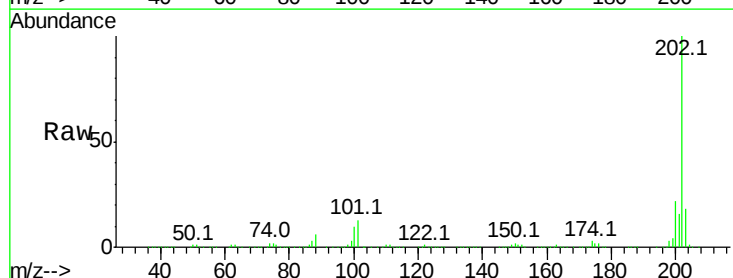
Manual Integrations
APPROVED

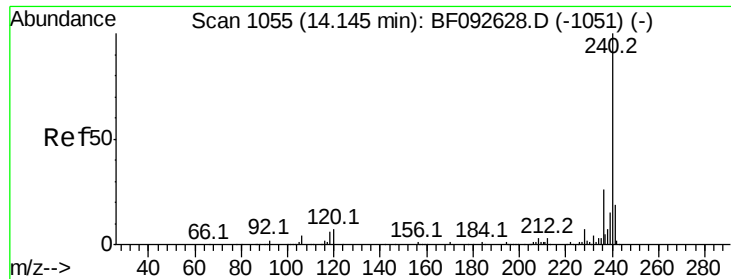
mohammad
3/6/2017 4:23:27 PM



#74
Fluoranthene
Concen: 41.12 ng
RT: 12.52 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion:202 Resp: 1627236
Ion Ratio Lower Upper
202 100
101 13.4 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: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

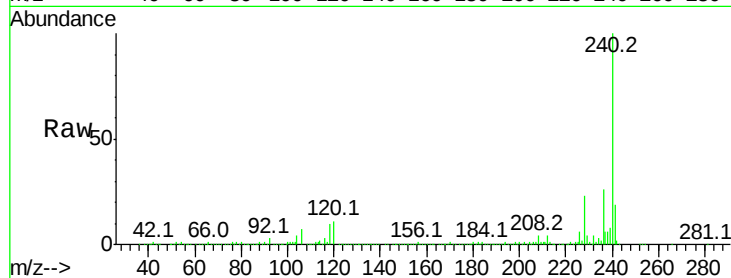
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.9	19.3#
236	26.1	20.9	31.3

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.95

600000

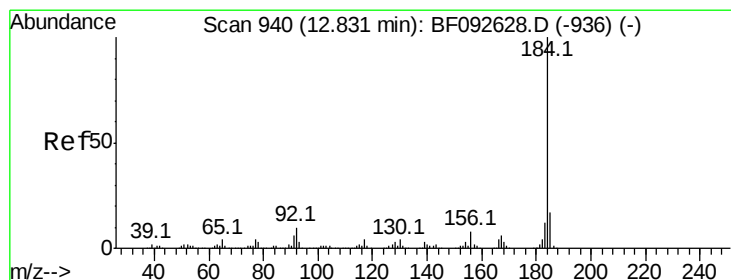
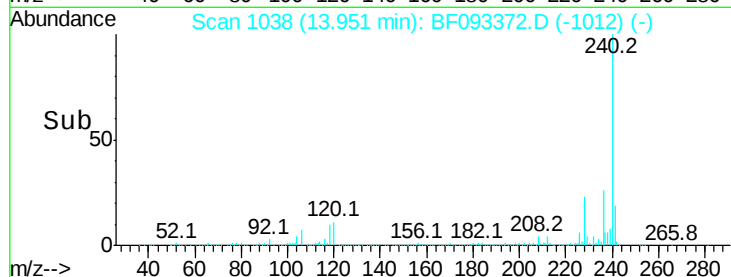
400000

200000

0

13.90 14.00 14.10

Time-->



#76

Benzidine

Concen: 26.61 ng

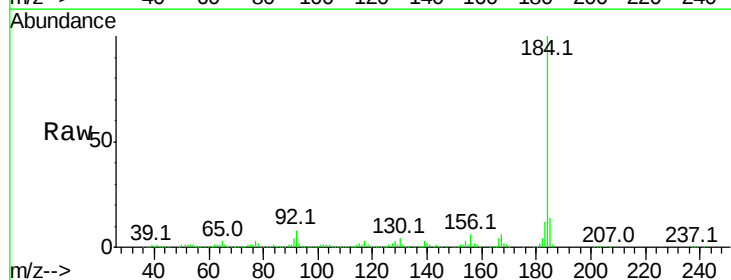
RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.9	9.2	13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.65

800000

600000

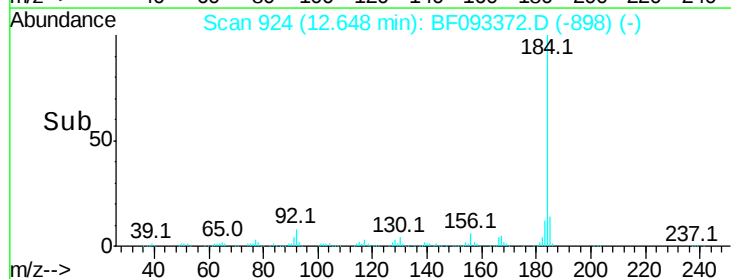
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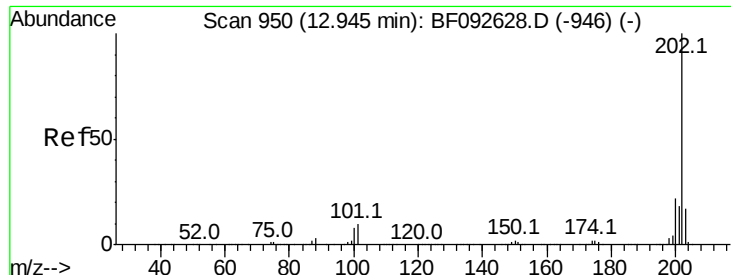
200000

0

12.60 12.70 12.80

Time-->





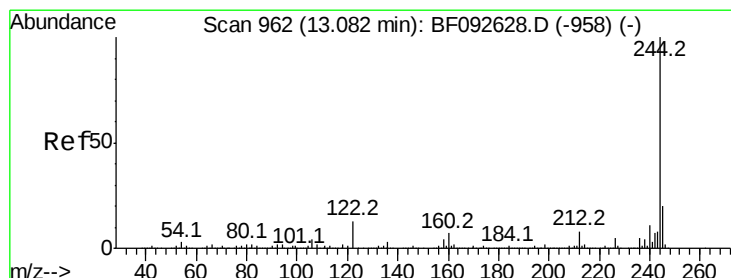
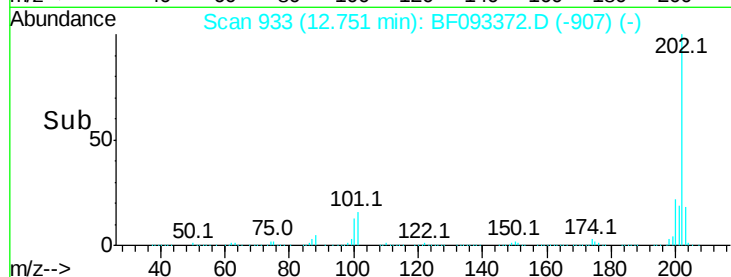
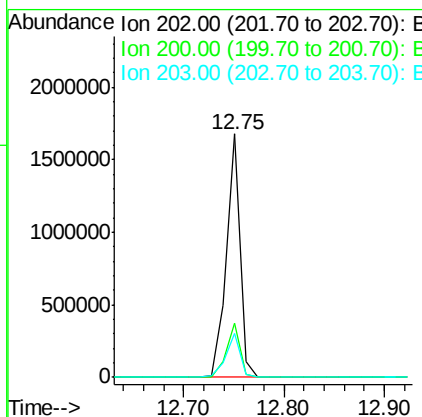
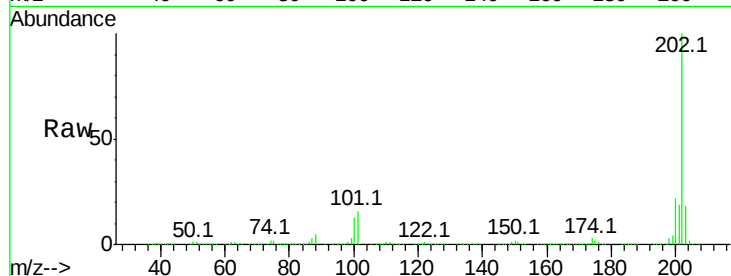
#77
Pvrene
Concen: 39.15 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.2	14.7	22.1

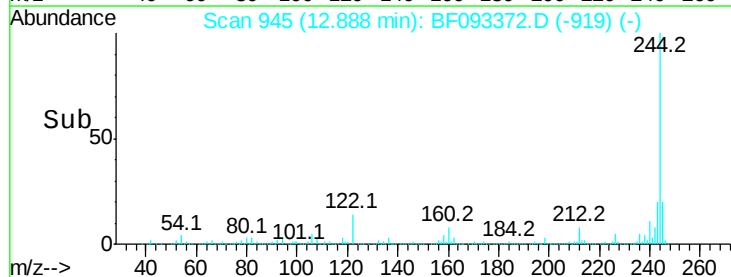
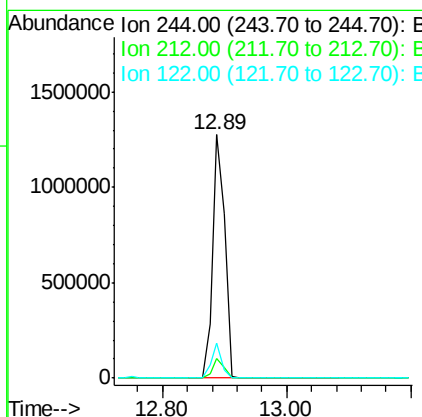
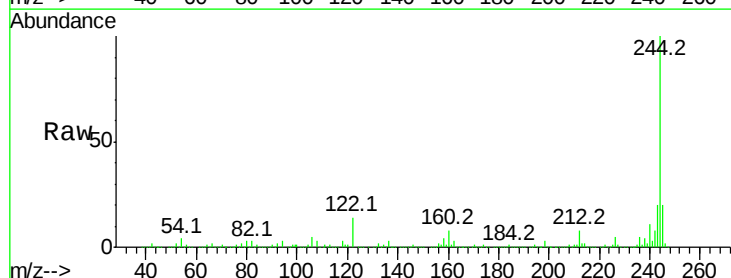
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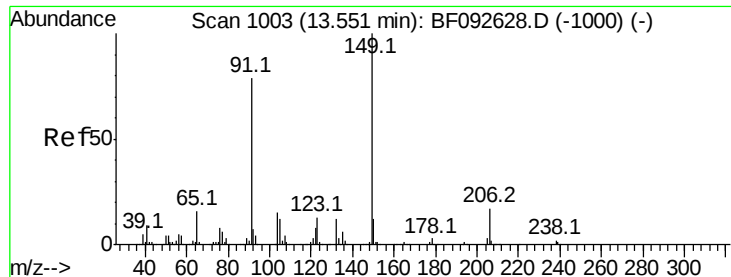
mohammad
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#78
Terphenyl-d14
Concen: 72.78 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.2	11.4	17.2





#79

Butylbenzylphthalate

Concen: 50.38 ng

RT: 13.37 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Instrument :

BNA_F

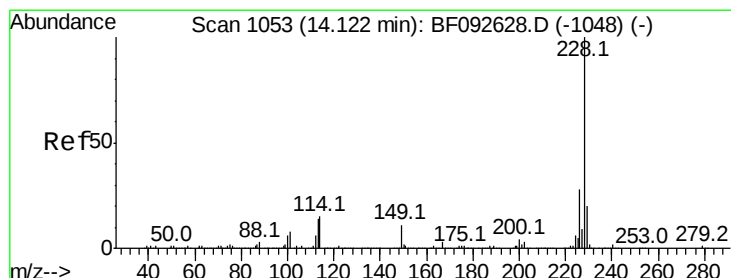
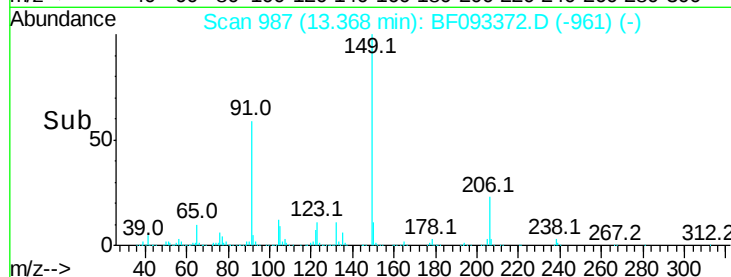
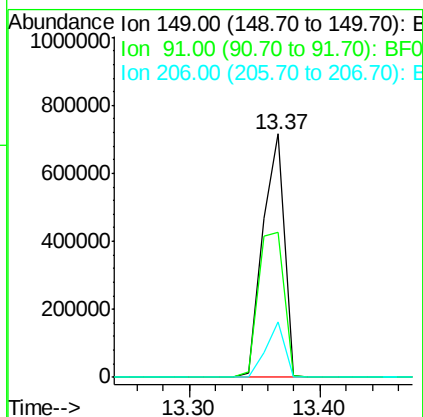
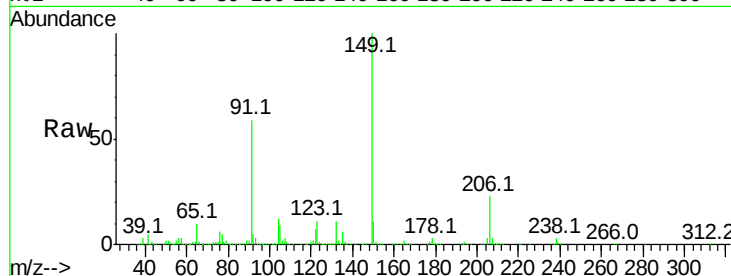
ClientSampleId :

SRI-MW-4-20170302MS

Tot Ion:	149	Resp:	828295
Ion Ratio	Lower	Upper	
149	100		
91	59.4	63.9	95.9#
206	22.7	14.6	21.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 41.44 ng

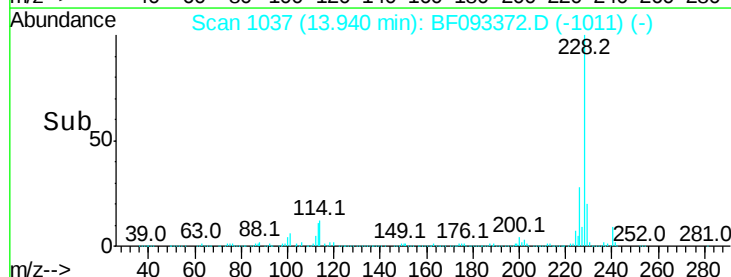
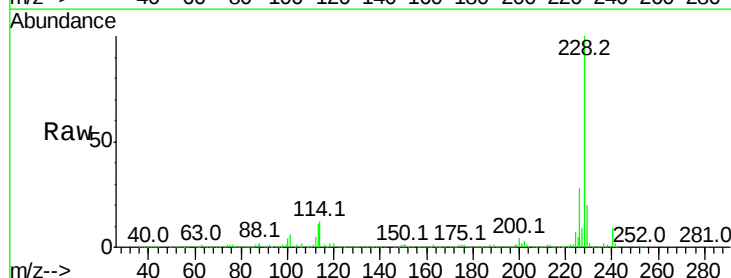
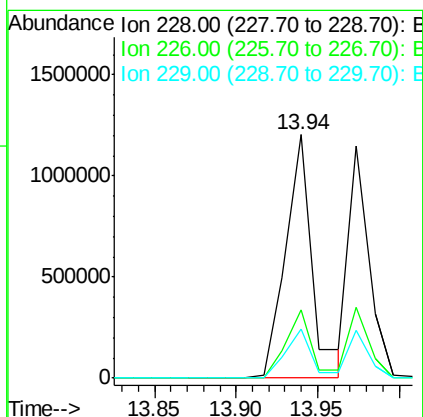
RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF093372.D

Acq: 3 Mar 2017 21:29

Tgt Ion:	228	Resp:	1371284
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.4	33.6
229	20.2	16.2	24.4





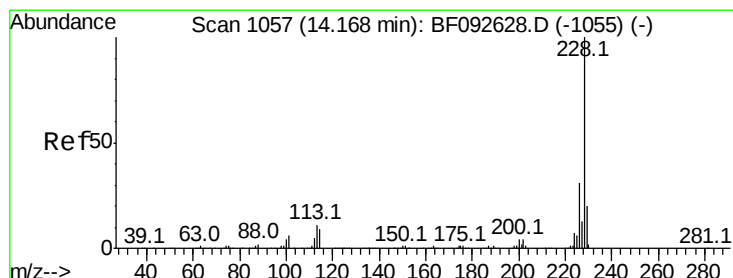
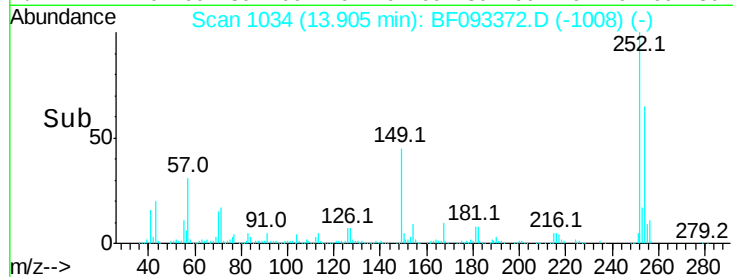
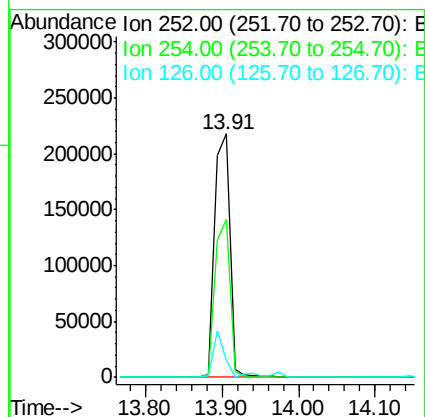
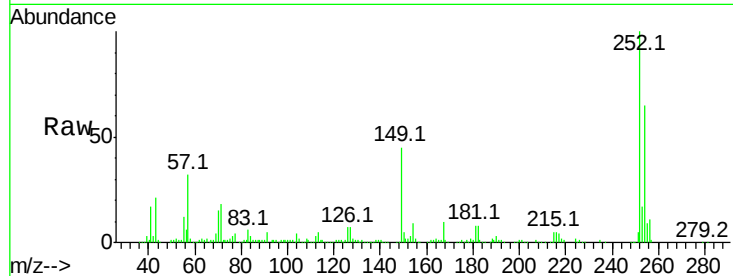
#81
 3,3'-Dichlorobenzidine
 Concen: 25.30 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	298427		
254	64.8	52.3	78.5	
126	6.9	13.6	20.4	

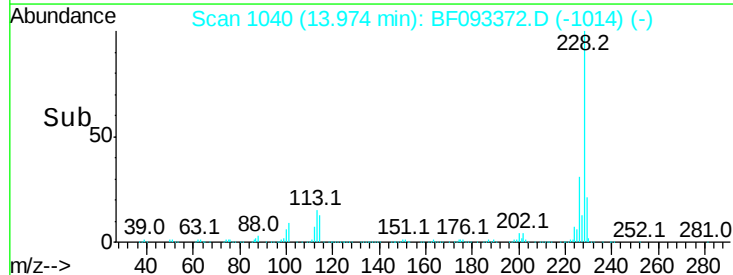
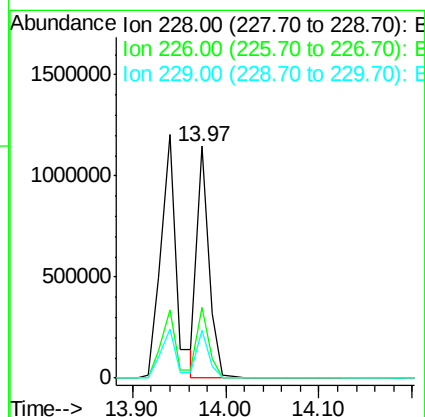
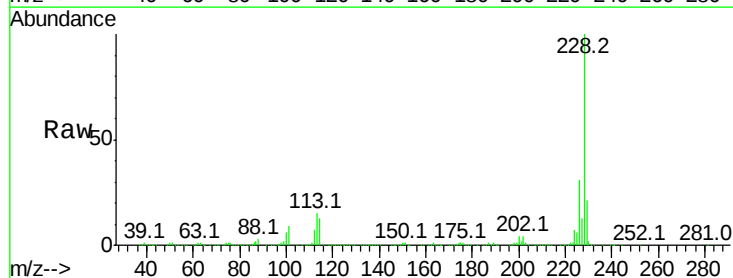
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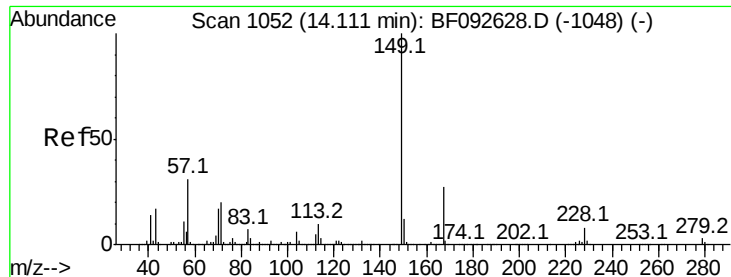
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#82
 Chrysene
 Concen: 33.08 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1024771		
226	30.9	25.4	38.0	
229	20.6	16.2	24.2	





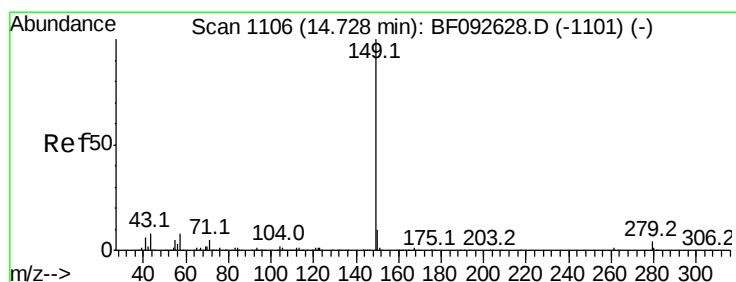
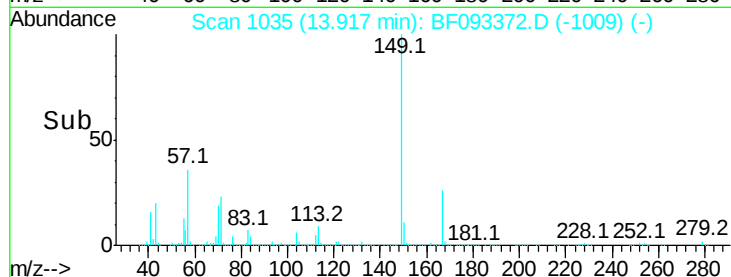
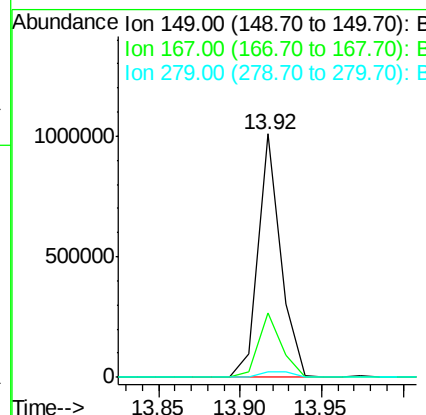
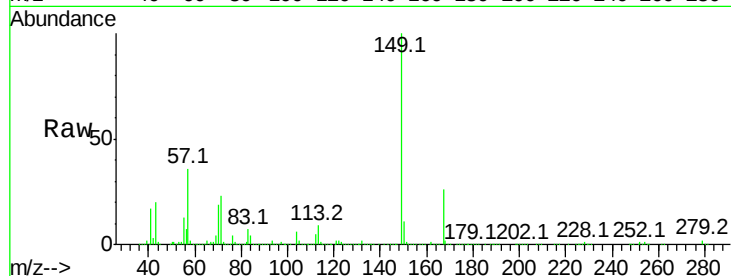
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.30 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	2.4	1.8	2.8

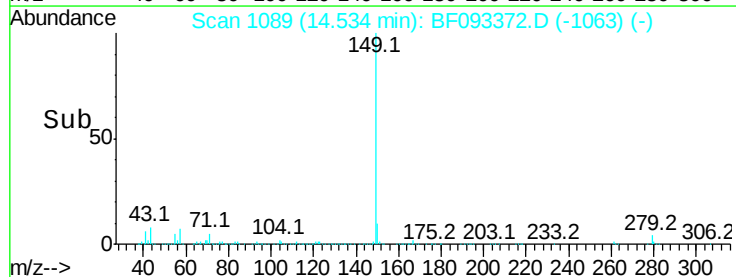
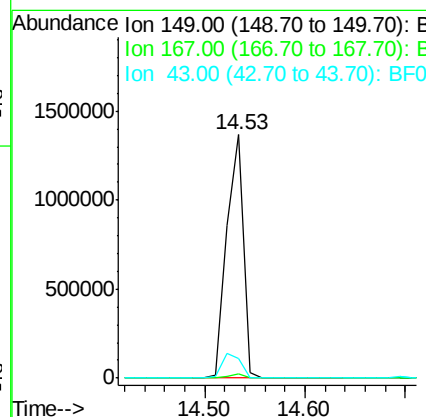
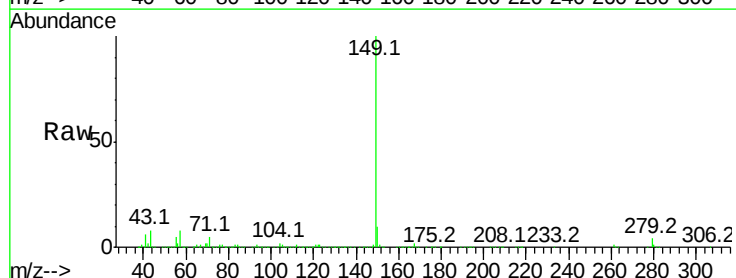
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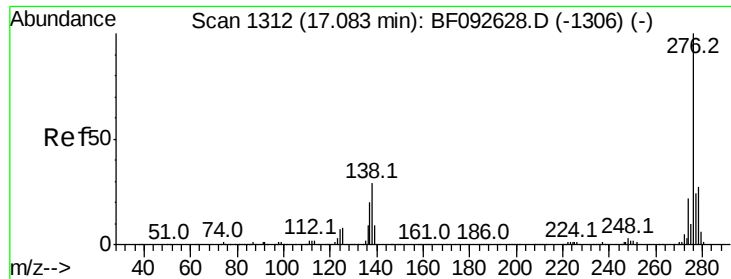
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#84
 Di-n-octyl phthalate
 Concen: 42.71 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.2	8.9	13.3





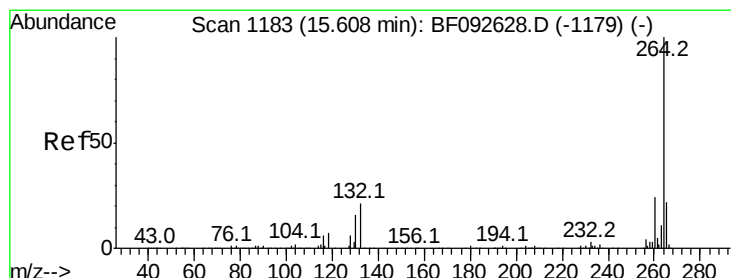
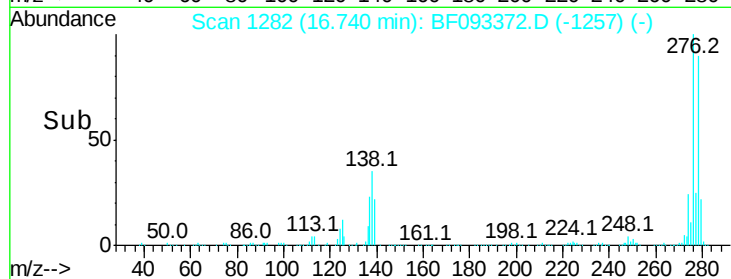
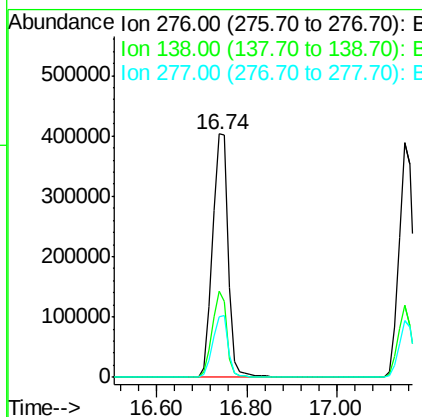
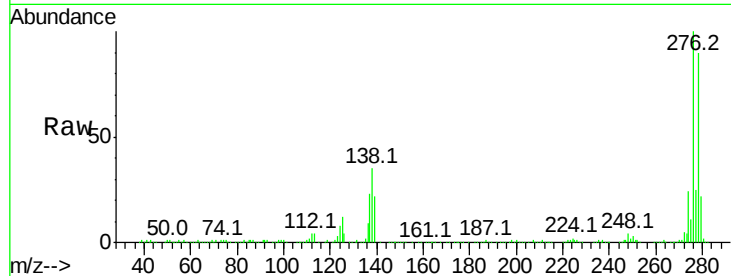
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.01 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6
277	24.9	20.2	30.4

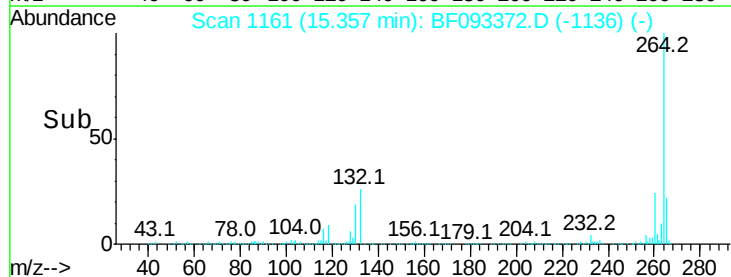
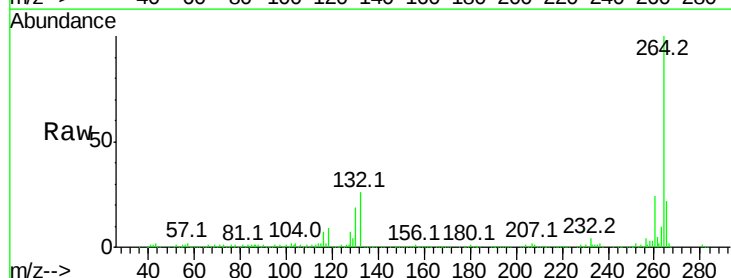
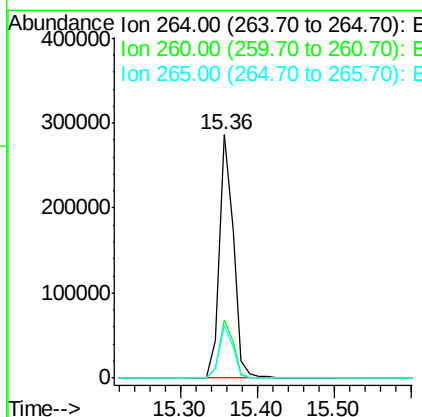
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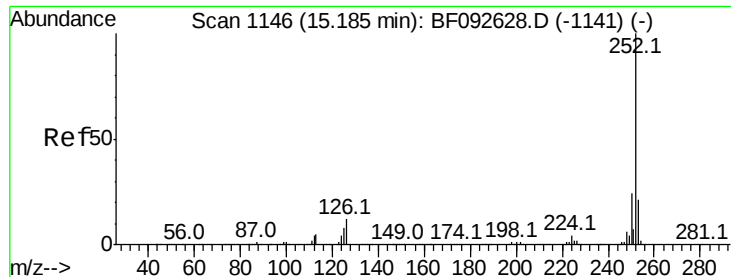
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.4	26.0





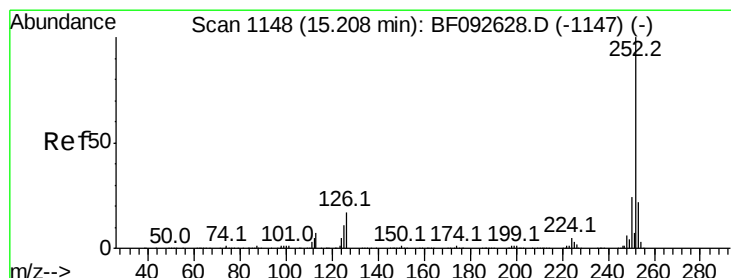
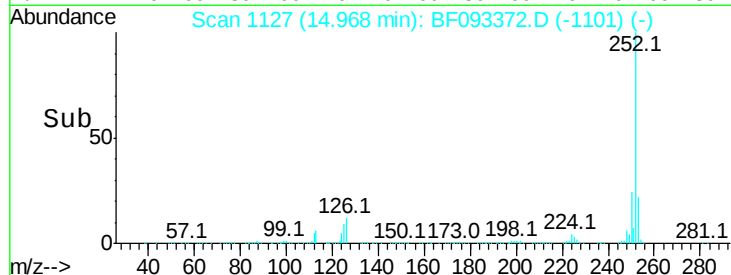
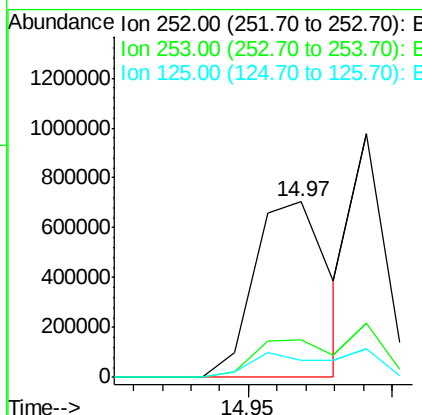
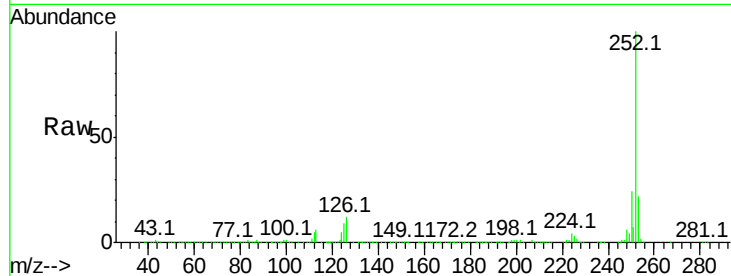
#87
Benzo(b)fluoranthene
Concen: 52.18 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	9.4	9.8	14.6

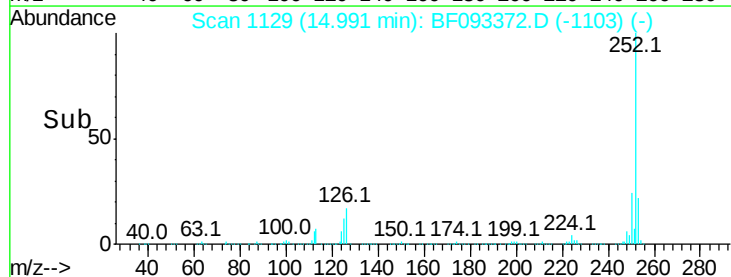
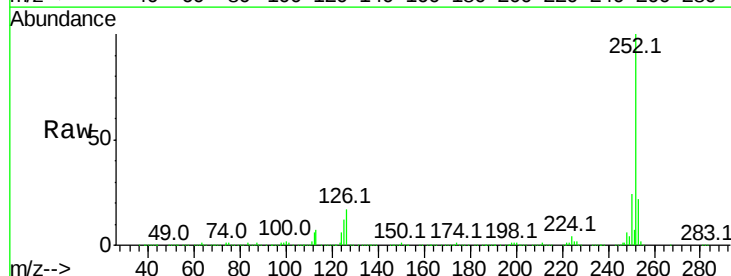
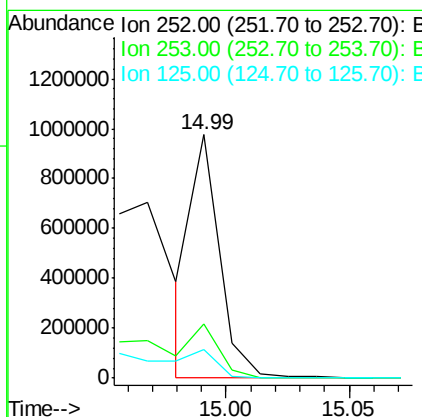
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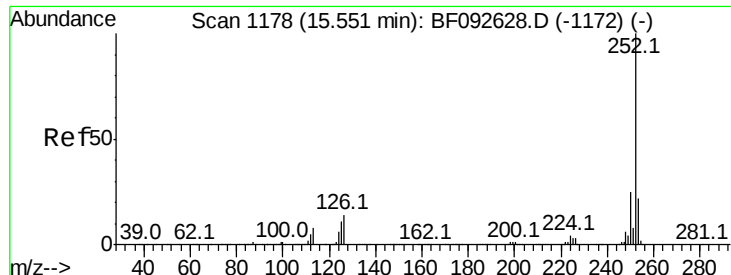
mohammad
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#88
Benzo(k)fluoranthene
Concen: 37.71 ng m
RT: 14.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	11.7	8.9	13.3





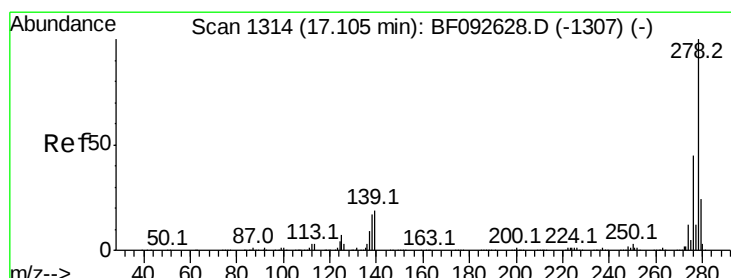
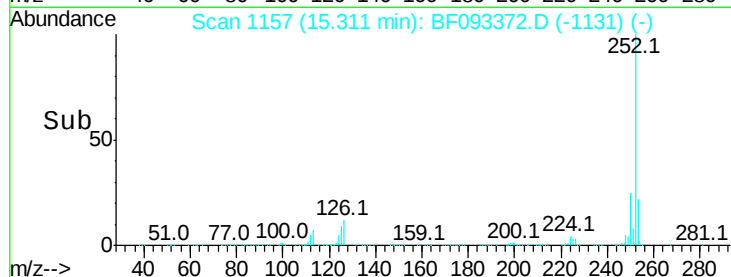
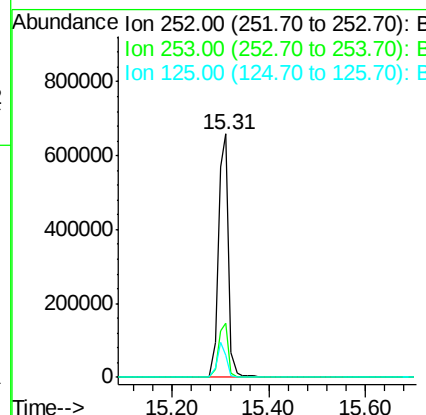
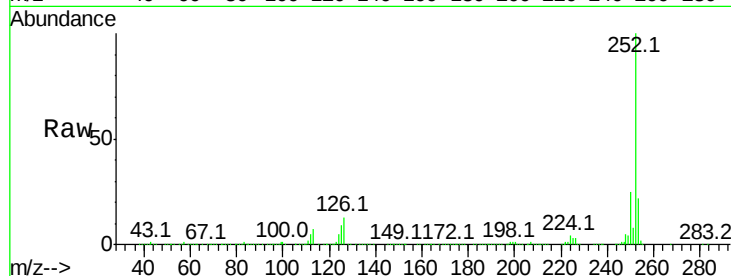
#89
Benzo(a)pyrene
Concen: 46.42 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.3	10.0	15.0

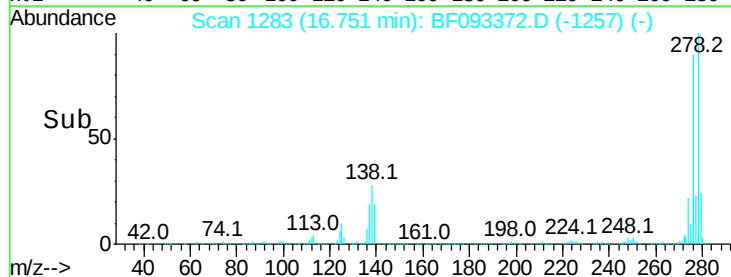
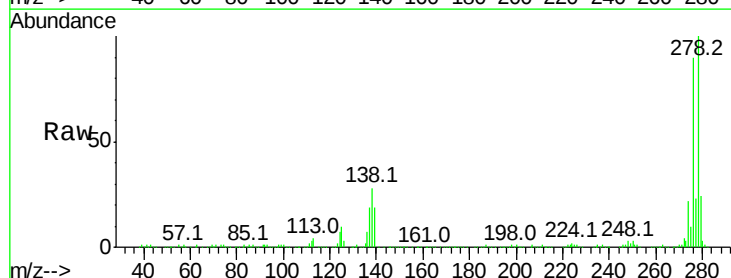
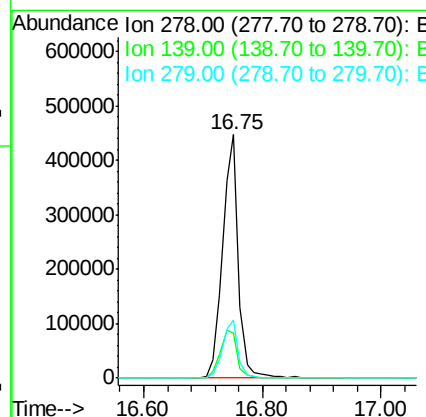
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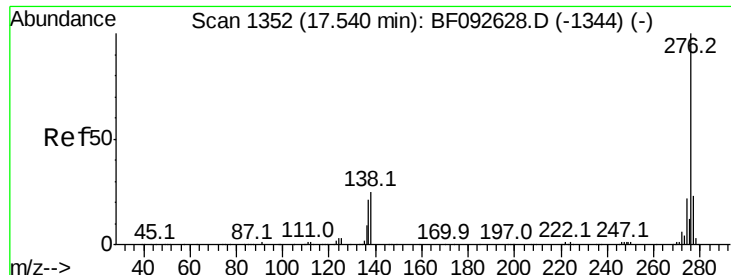
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 48.31 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF093372.D
Acq: 3 Mar 2017 21:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	24.0	19.8	29.6





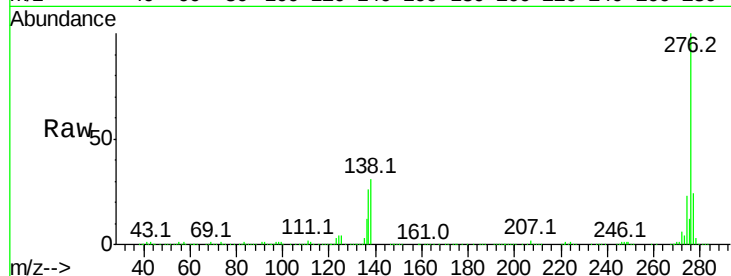
#91
 Benzo(a,h,i)perylene
 Concen: 50.84 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF093372.D
 Acq: 3 Mar 2017 21:29

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	19.2	28.8
138	30.6	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

