

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093295.D
 Acq On : 1 Mar 2017 17:53
 Operator : SJ/MA
 Sample : I2002-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Manual Integrations
 APPROVED

mohammad
 3/2/2017 1:42:32 PM

Quant Time: Mar 02 00:31:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130869	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	466423	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	235183	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	461435	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	341580	20.00	ng	-0.05
86) Perylene-d12	15.39	264	255014	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	974696	127.78	ng	-0.03
7) Phenol-d6	6.46	99	1259027	128.28	ng	-0.02
23) Nitrobenzene-d5	7.38	82	823557	98.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	221444	130.19	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1124723	86.64	ng	-0.05
78) Terphenyl-d14	12.91	244	990309	68.12	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	159741	38.76	ng	# 83
3) Pyridine	3.09	79	449554	42.89	ng	91
4) n-Nitrosodimethylamine	3.04	42	216854	44.06	ng	82
6) Aniline	6.48	93	273940	20.46	ng	# 21
8) 2-Chlorophenol	6.60	128	349832	41.57	ng	92
9) Benzaldehyde	6.35	77	136020	19.34	ng	83
10) Phenol	6.48	94	590964	51.46	ng	# 77
11) bis(2-Chloroethyl)ether	6.54	93	338245	36.90	ng	89
12) 1,3-Dichlorobenzene	6.75	146	387228	39.29	ng	96
13) 1,4-Dichlorobenzene	6.83	146	328816	32.96	ng	96
14) 1,2-Dichlorobenzene	6.98	146	347047	36.38	ng	96
15) Benzyl Alcohol	6.97	79	260014	35.78	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	560781	35.22	ng	84
17) 2-Methylphenol	7.08	107	259836	35.99	ng	94
18) Hexachloroethane	7.32	117	139108m	40.85	ng	
19) n-Nitroso-di-n-propylamine	7.23	70	319741	51.18	ng	# 96
20) 3+4-Methylphenols	7.24	107	382393	44.30	ng	# 76
22) Acetophenone	7.23	105	491641	46.17	ng	# 96
24) Nitrobenzene	7.40	77	398285	46.31	ng	93
25) Isophorone	7.64	82	814984	52.22	ng	# 93
26) 2-Nitrophenol	7.72	139	184676	45.17	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	334712	46.62	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	386641	37.40	ng	# 85
29) 2,4-Dichlorophenol	7.97	162	295540	44.13	ng	93
30) 1,2,4-Trichlorobenzene	8.04	180	265547	36.80	ng	95
31) Naphthalene	8.12	128	1008987	42.67	ng	99
32) Benzoic acid	7.87	122	39896	15.51	ng	# 4
33) 4-Chloroaniline	8.18	127	193539	20.87	ng	98
34) Hexachlorobutadiene	8.24	225	156308	39.37	ng	98
35) Caprolactam	8.52	113	229970	109.18	ng	# 1
36) 4-Chloro-3-methylphenol	8.67	107	291986	41.82	ng	98
37) 2-Methylnaphthalene	8.81	142	709338	46.72	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	245167	37.14	ng	# 98
40) Hexachlorocyclopentadiene	8.96	237	94051	31.58	ng	94

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Instrument :
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 SSP-8(3.5-5.5)MS

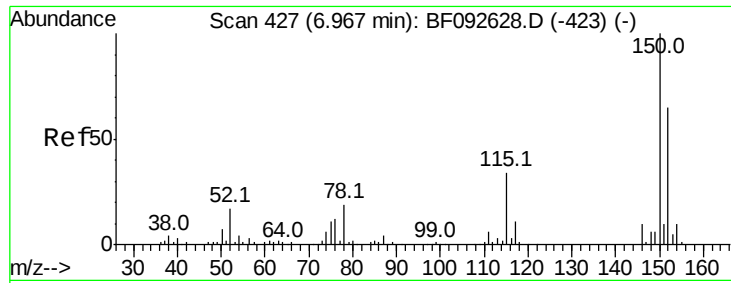
Manual Integrations
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Quant Time: Mar 02 00:31:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	170539	39.31	nq	92
43) 2,4,5-Trichlorophenol	9.15	196	167929	35.33	nq #	86
45) 1,1'-Biphenyl	9.28	154	734399	43.12	nq	98
46) 2-Chloronaphthalene	9.30	162	515767	38.72	nq	95
47) 2-Nitroaniline	9.40	65	206563	46.12	nq	97
48) Acenaphthylene	9.71	152	861147	37.42	nq	100
49) Dimethylphthalate	9.57	163	622240	39.28	nq	99
50) 2,6-Dinitrotoluene	9.64	165	139688	40.83	nq #	69
51) Acenaphthene	9.88	154	514780	37.41	nq	96
52) 3-Nitroaniline	9.81	138	113749	29.05	nq	91
53) 2,4-Dinitrophenol	9.94	184	39782	26.24	nq #	58
54) Dibenzofuran	10.05	168	736710	40.03	nq	98
55) 4-Nitrophenol	10.00	139	159839	56.68	nq	94
56) 2,4-Dinitrotoluene	10.05	165	195425	42.91	nq #	92
57) Fluorene	10.40	166	644055	45.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	142551	44.96	nq #	93
59) Diethylphthalate	10.27	149	690015	46.22	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	271178	39.87	nq	94
61) 4-Nitroaniline	10.43	138	167985	41.89	nq	86
62) Azobenzene	10.54	77	800794	51.92	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	67607	25.40	nq #	59
65) n-Nitrosodiphenylamine	10.51	169	608137	41.26	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	175974	36.50	nq	92
67) Hexachlorobenzene	10.94	284	161705	33.94	nq #	83
68) Atrazine	11.04	200	161432	34.13	nq	98
69) Pentachlorophenol	11.15	266	118282	50.97	nq	97
70) Phenanthrene	11.36	178	918264	34.73	nq	99
71) Anthracene	11.41	178	1026616	38.67	nq	98
72) Carbazole	11.57	167	916440	36.11	nq	97
73) Di-n-butylphthalate	11.89	149	1118496	40.75	nq #	97
74) Fluoranthene	12.55	202	914727	33.54	nq	98
76) Benzidine	12.67	184	255851	17.58	nq	97
77) Pyrene	12.77	202	929024	36.34	nq	99
79) Butylbenzylphthalate	13.39	149	433358	41.75	nq #	81
80) Benzo(a)anthracene	13.96	228	724395	34.67	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	172247	23.13	nq #	95
82) Chrysene	14.00	228	572411	29.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	535705	37.74	nq	100
84) Di-n-octyl phthalate	14.56	149	849442	36.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	603962	39.86	nq #	93
87) Benzo(b)fluoranthene	14.99	252	604238m	36.00	nq	
88) Benzo(k)fluoranthene	15.01	252	496475m	34.26	nq	
89) Benzo(a)pyrene	15.33	252	552746	38.07	nq	96
90) Dibenzo(a,h)anthracene	16.80	278	509134	43.39	nq	98
91) Benzo(g,h,i)perylene	17.21	276	539810	45.54	nq #	91

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



#1

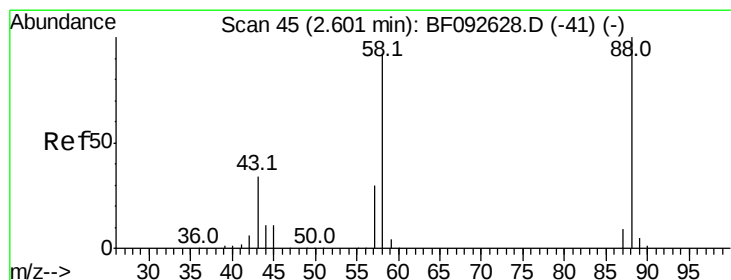
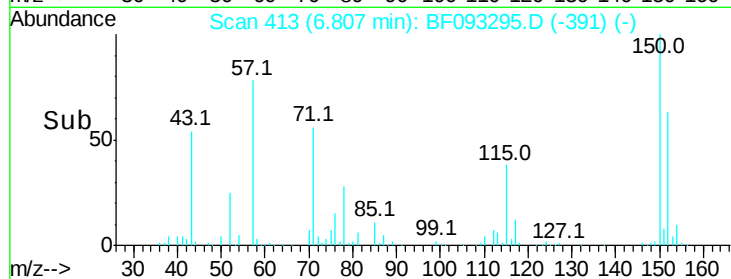
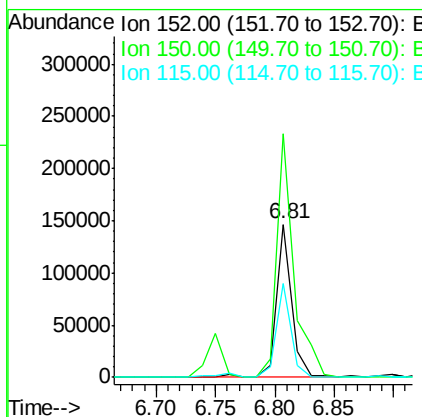
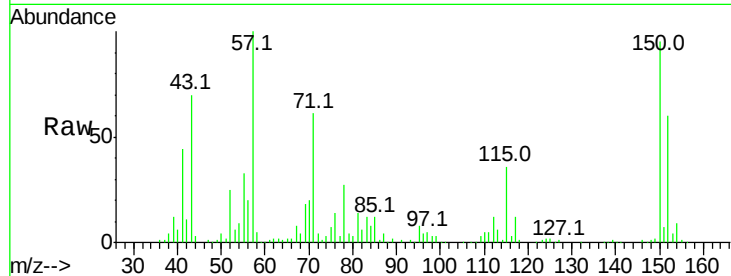
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	61.1	46.0	69.0

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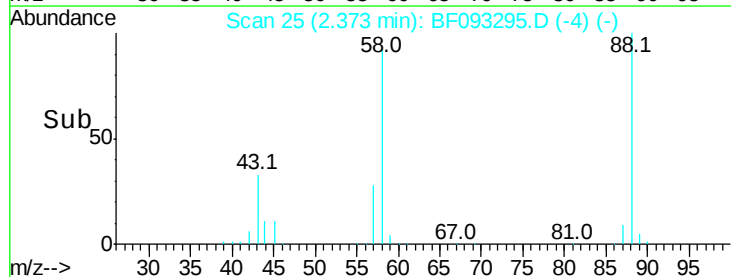
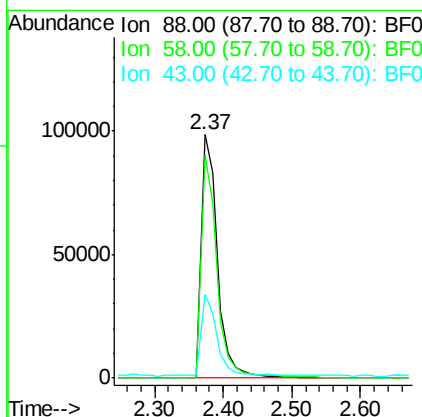
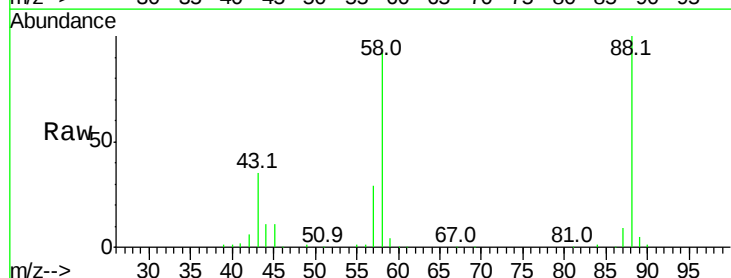
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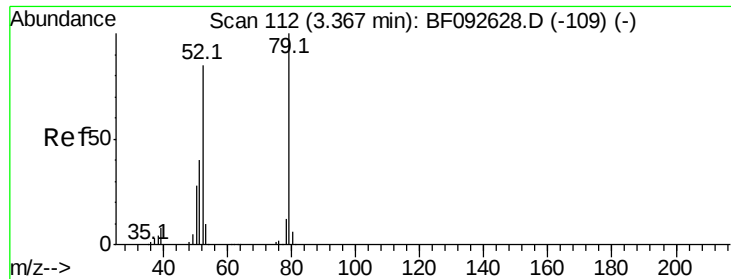


#2

1,4-Dioxane
Concen: 38.76 ng
RT: 2.37 min Scan# 25
Delta R.T. -0.06 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	57.8	86.8#
43	32.9	22.3	33.5





#3

Pvridine

Concen: 42.89 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

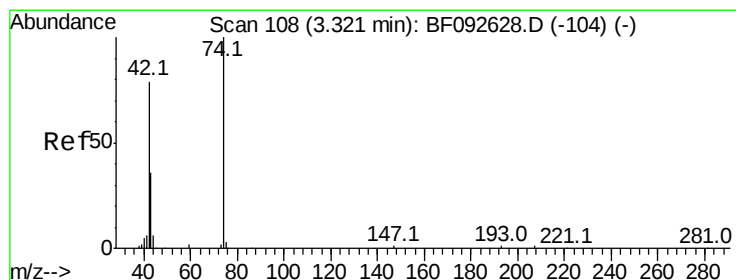
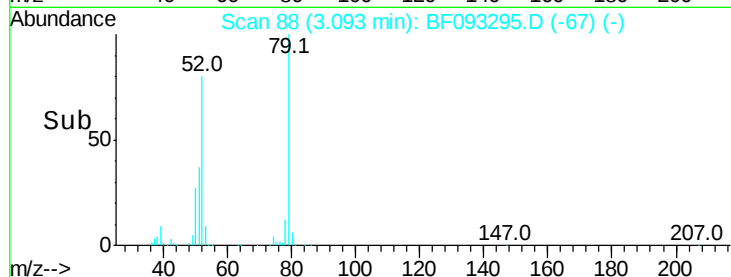
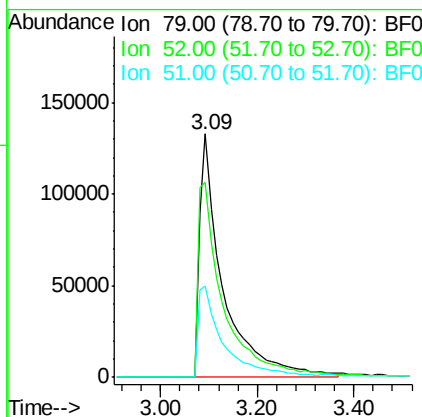
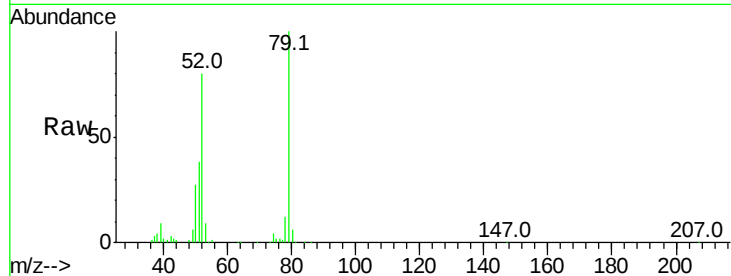
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:	79	Resp:	449554
Ion Ratio	Lower	Upper	
79	100		
52	79.9	57.1	85.7
51	37.7	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.06 ng

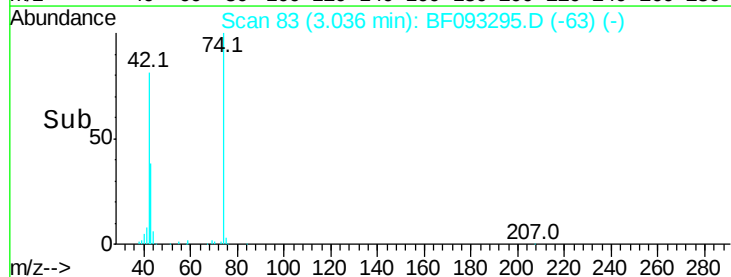
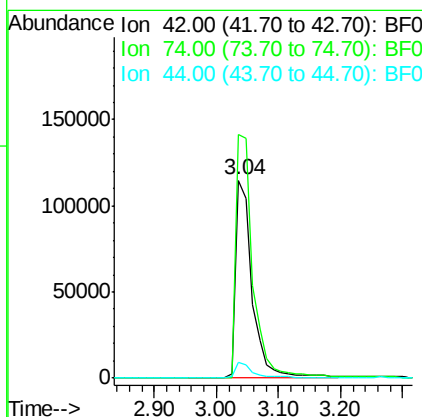
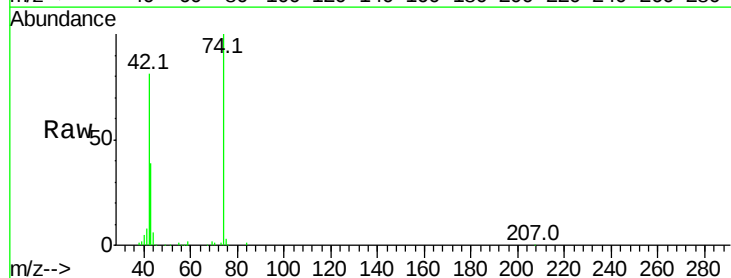
RT: 3.04 min Scan# 83

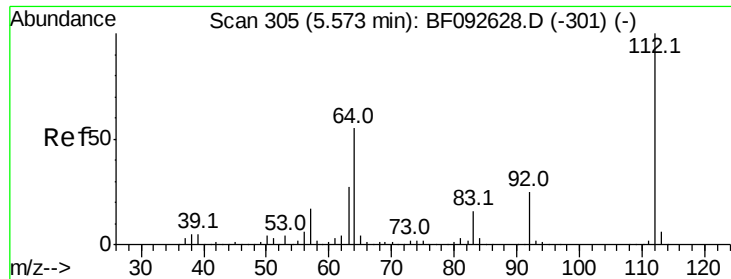
Delta R.T. -0.07 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	42	Resp:	216854
Ion Ratio	Lower	Upper	
42	100		
74	123.1	117.0	175.4
44	7.7	5.5	8.3





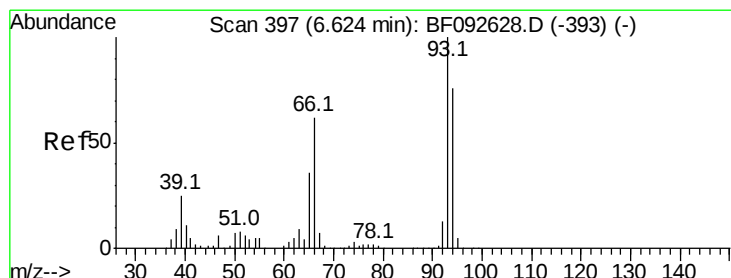
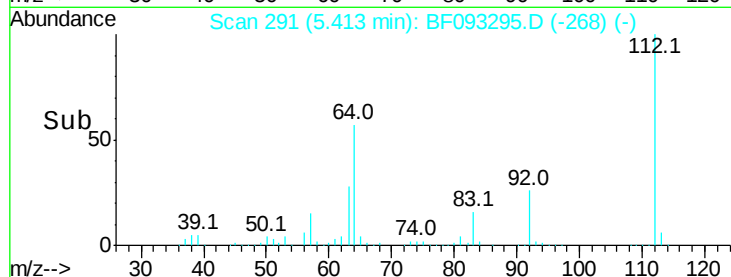
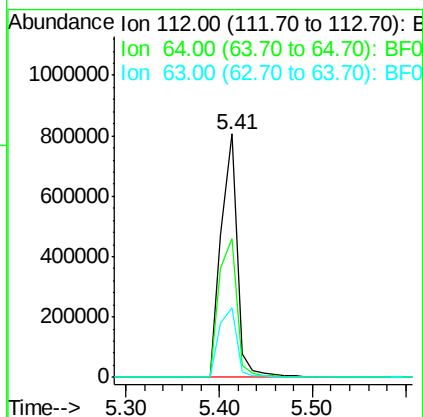
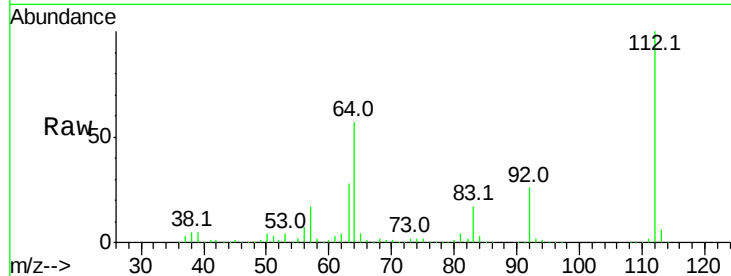
#5
2-Fluorophenol
Concen: 127.78 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	974696		
64	57.2	46.1	69.1	
63	28.4	23.8	35.6	

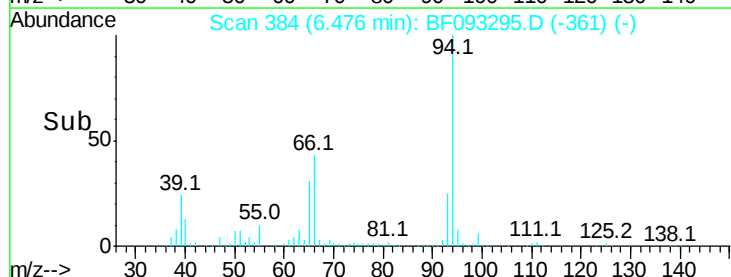
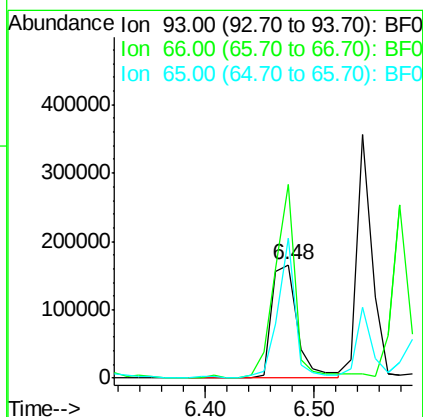
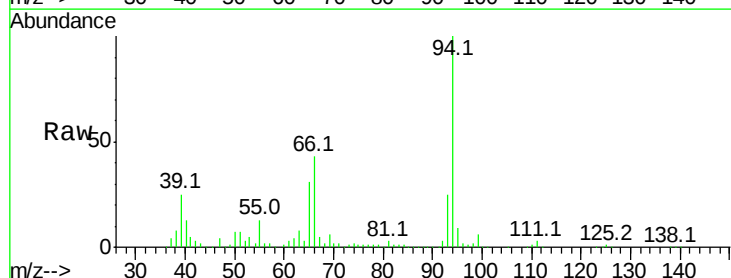
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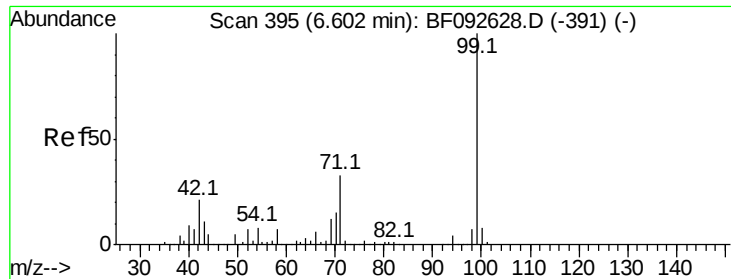
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#6
Aniline
Concen: 20.46 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	273940		
66	171.4	76.2	114.2#	
65	123.2	49.3	73.9#	





#7

Phenol-d6

Concen: 128.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion: 99 Resp: 1259027

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

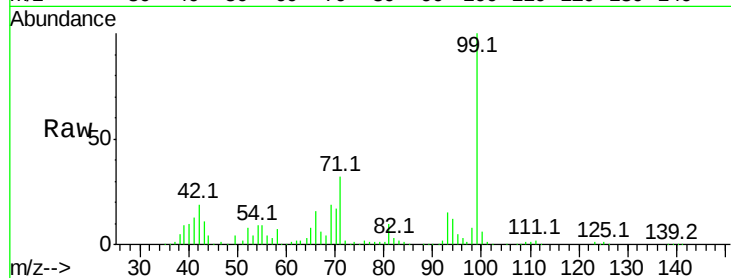
71 31.7 27.5 41.3

Manual Integrations

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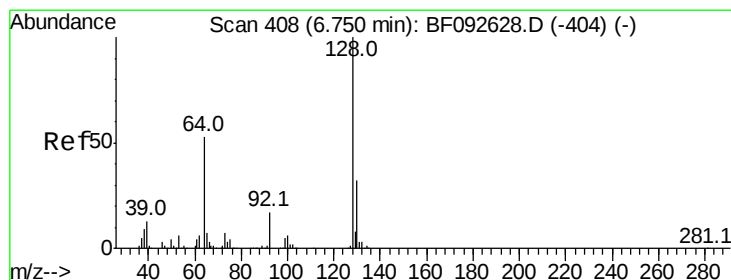
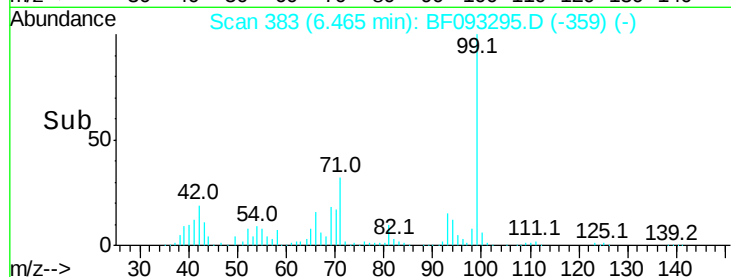
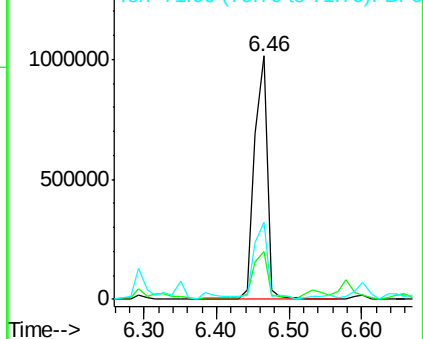
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.57 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

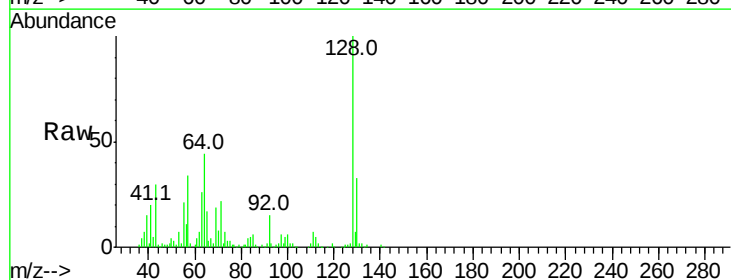
Tgt Ion:128 Resp: 349832

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

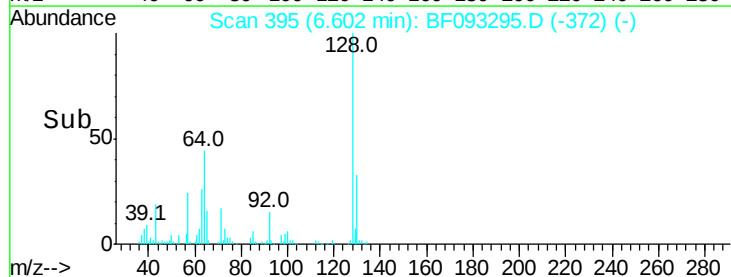
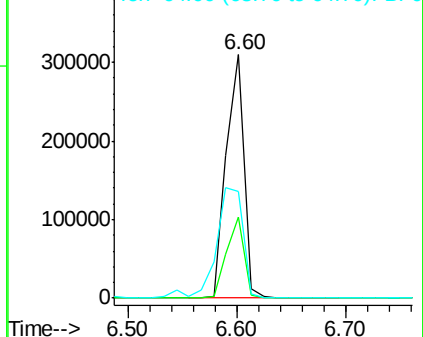
64 43.9 32.2 72.2

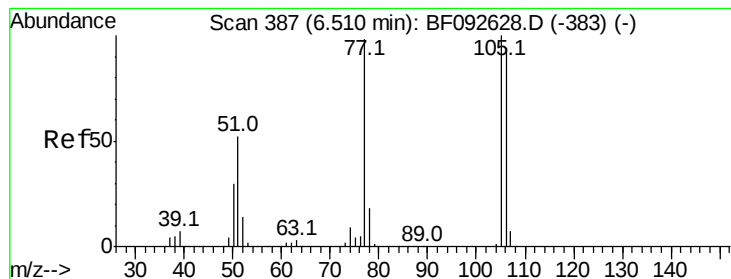


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.34 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

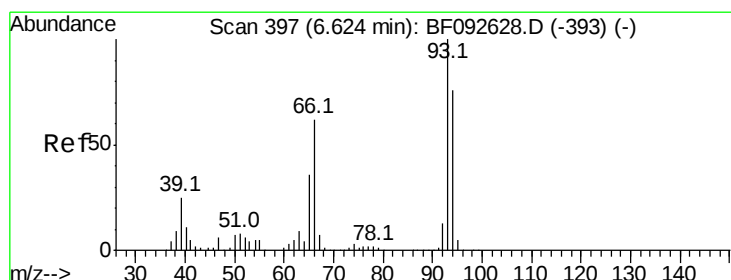
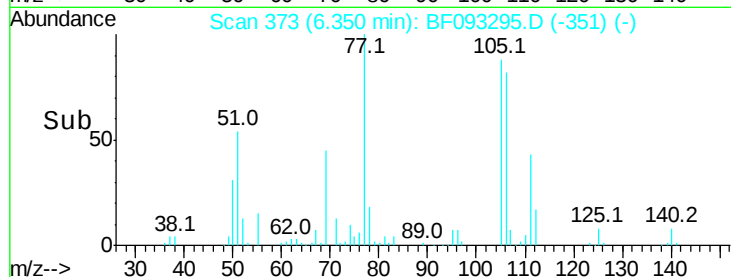
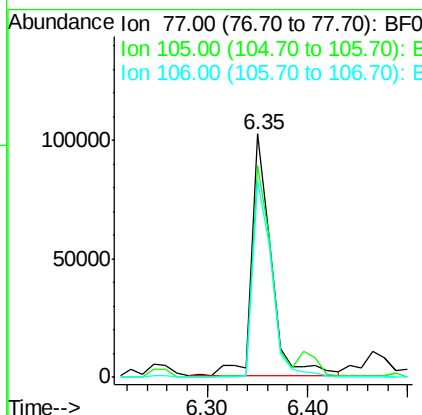
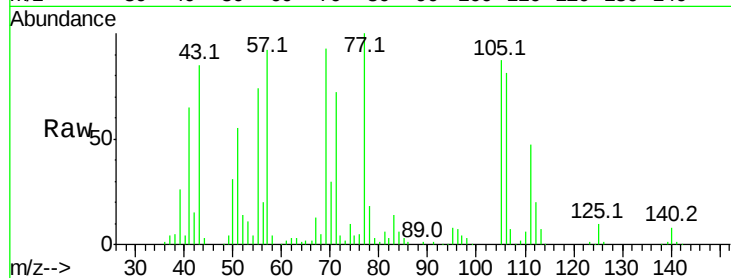
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:	77	Resp:	136020
Ion Ratio	Lower	Upper	
77	100		
105	86.7	83.9	123.9
106	80.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 51.46 ng

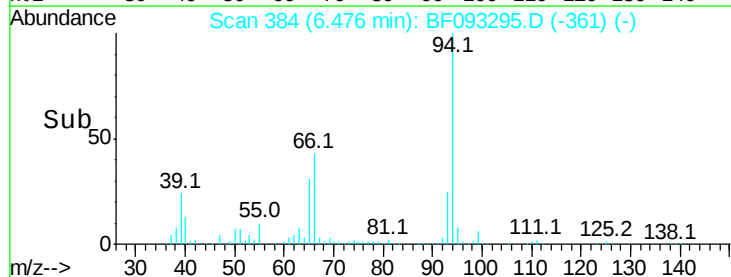
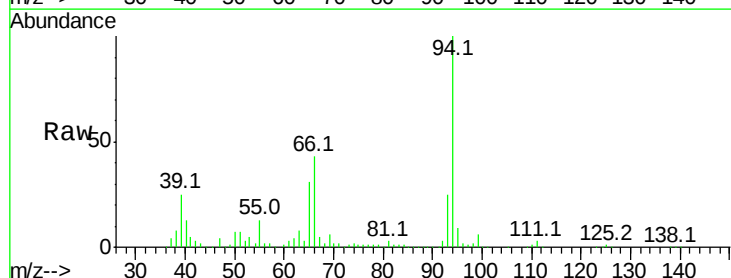
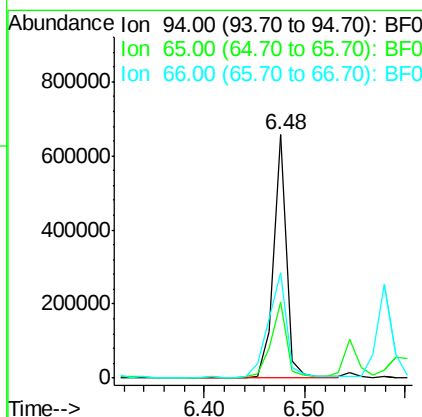
RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	94	Resp:	590964
Ion Ratio	Lower	Upper	
94	100		
65	31.0	21.4	61.4
66	43.2	44.0	84.0#





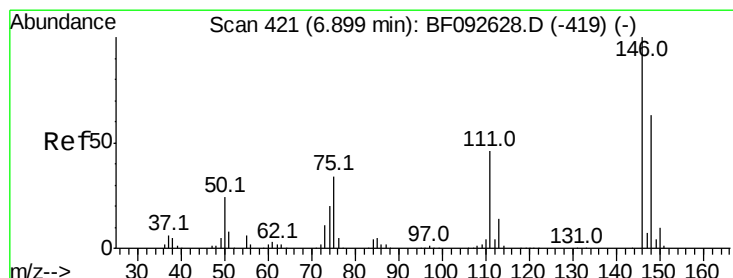
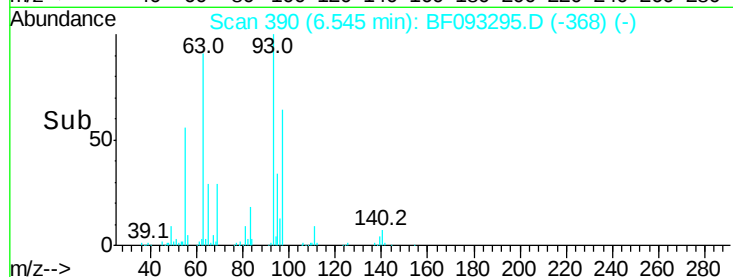
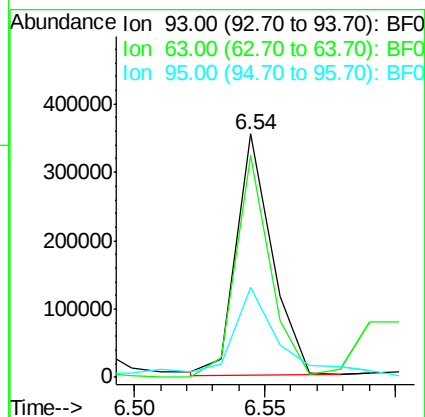
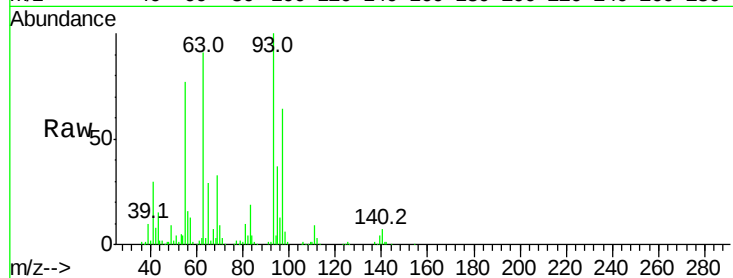
#11
bis(2-Chloroethyl)ether
Concen: 36.90 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.3	60.4	100.4
95	37.1	12.8	52.8

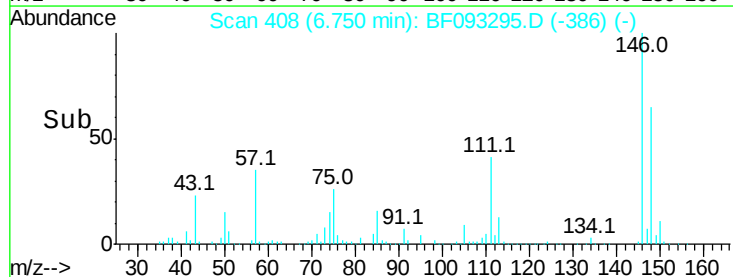
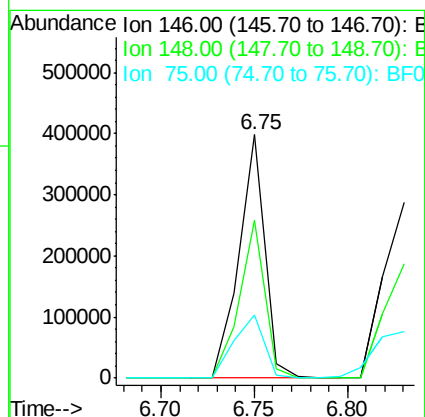
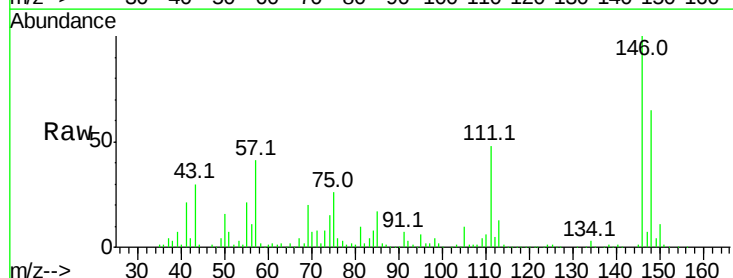
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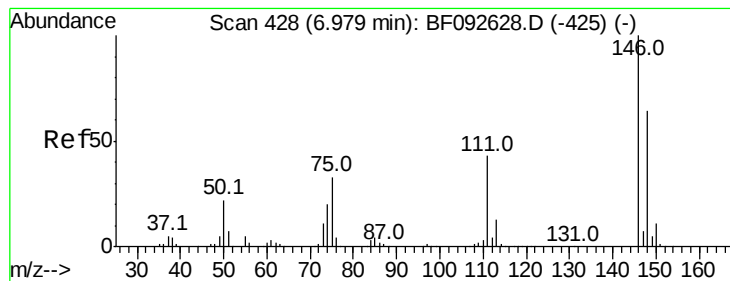
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.29 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
75	26.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 32.96 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

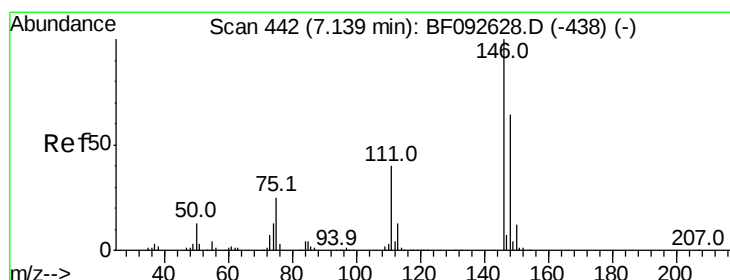
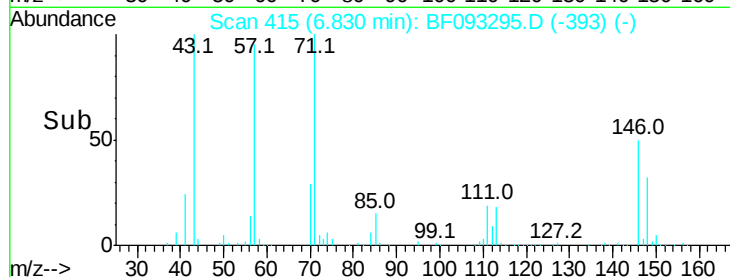
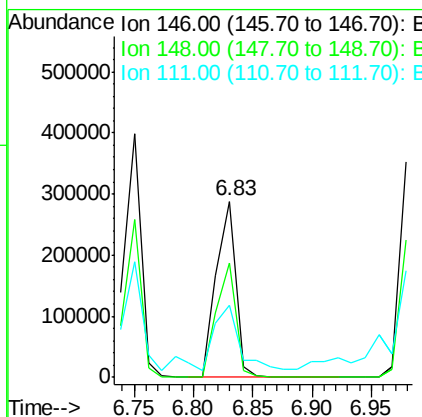
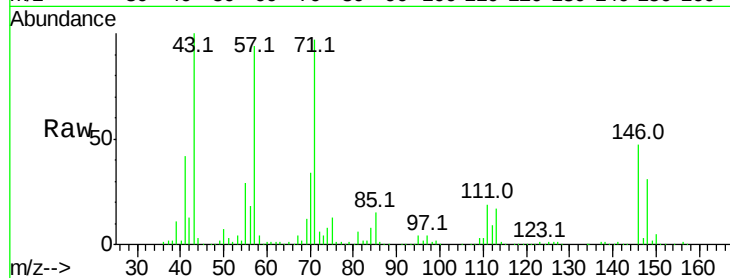
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:	146	Resp:	328816
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	76.0
111	41.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 36.38 ng

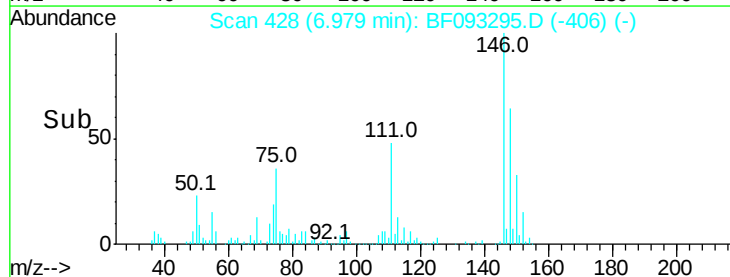
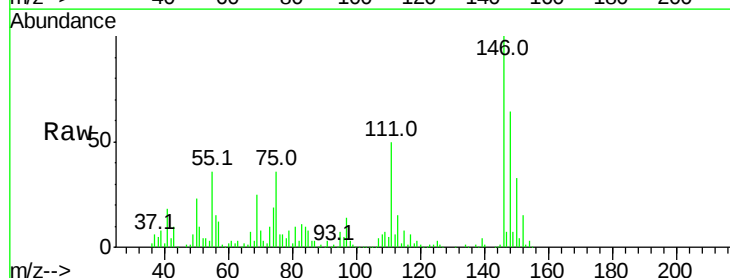
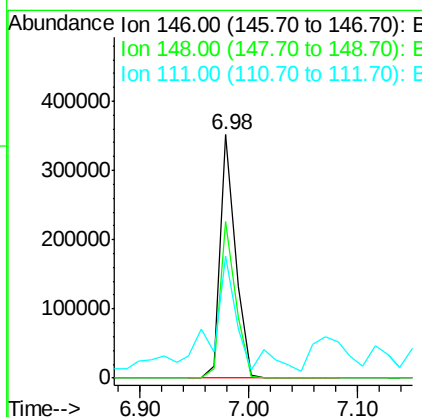
RT: 6.98 min Scan# 428

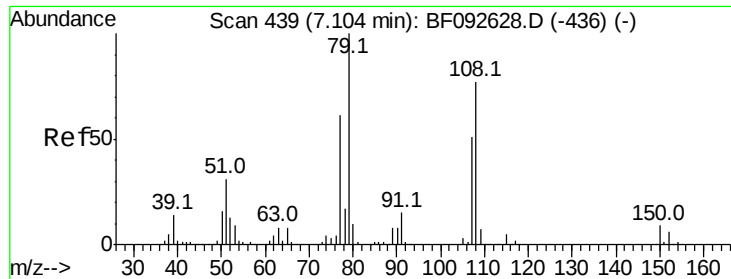
Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	146	Resp:	347047
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
111	49.9	36.2	54.2





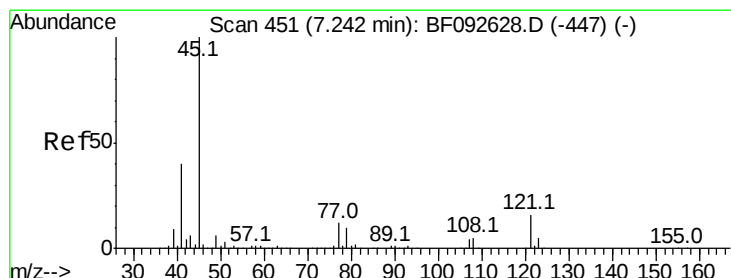
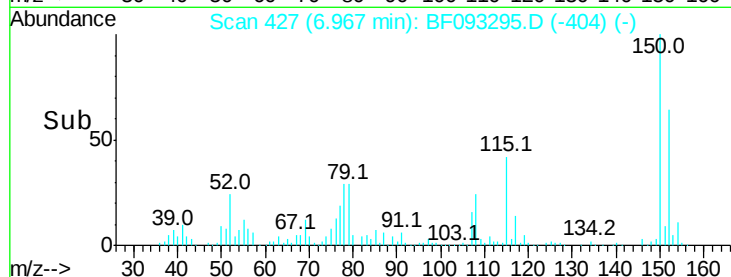
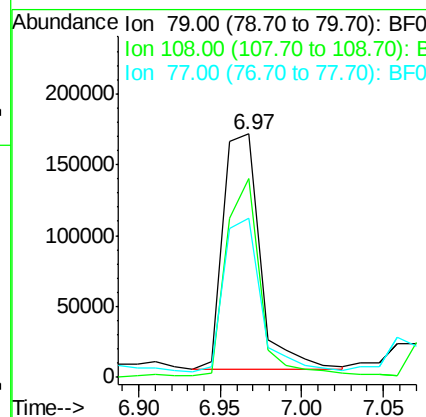
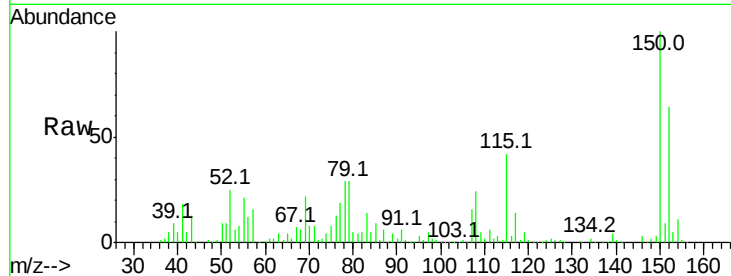
#15
Benzyl Alcohol
Concen: 35.78 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	61.4	92.0
77	65.2	50.9	76.3

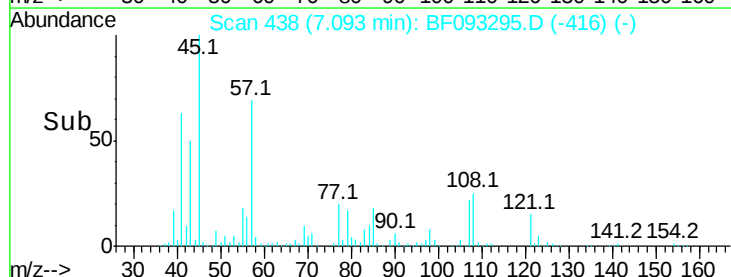
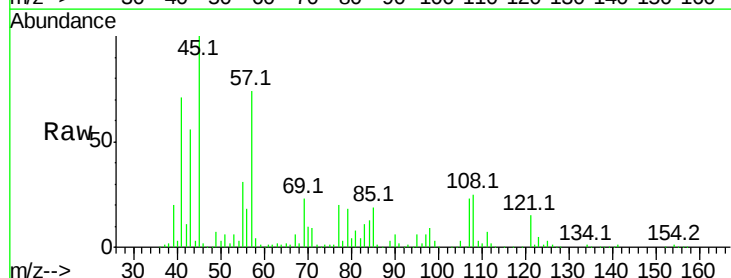
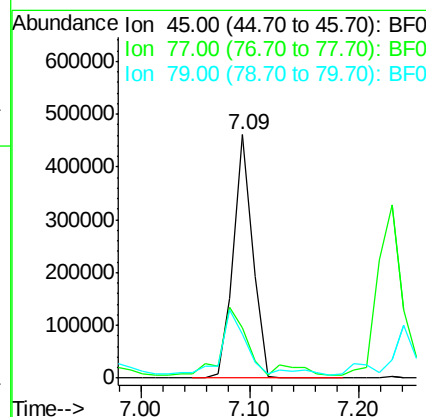
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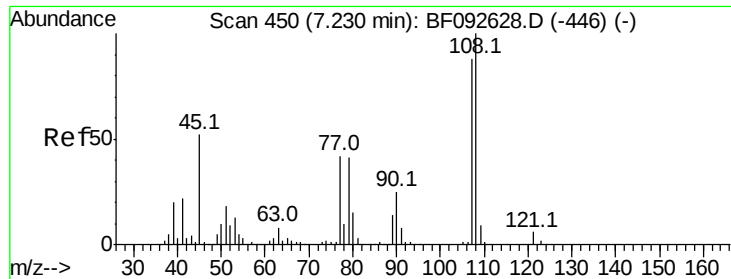
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.22 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.5	0.0	34.6
79	18.1	0.0	31.2





#17

2-Methylphenol

Concen: 35.99 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:107 Resp: 259836
Ion Ratio Lower Upper

107 100

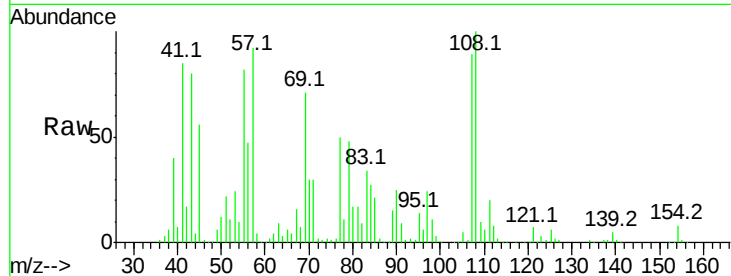
108 112.4 93.0 139.6

77 56.6 39.8 59.8

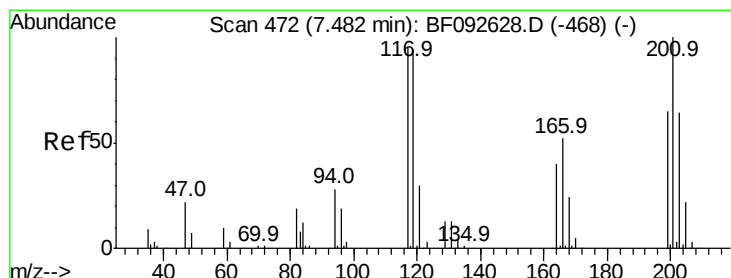
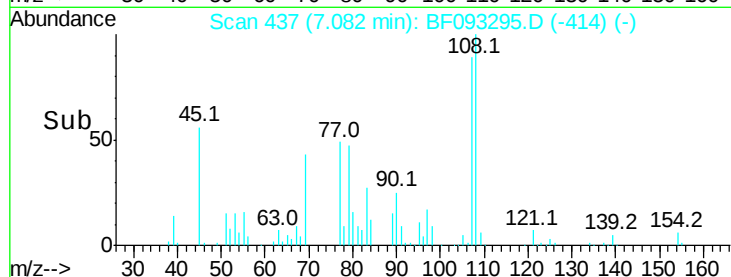
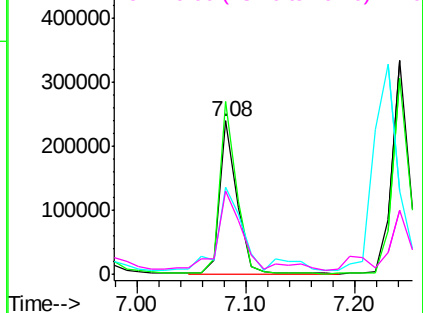
79 54.2 38.0 57.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.85 ng m

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF093295.D

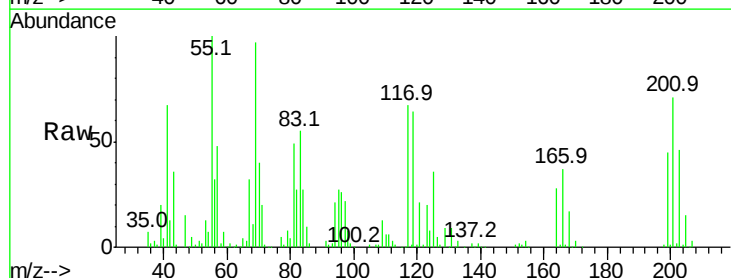
Acq: 1 Mar 2017 17:53

Tgt Ion:117 Resp: 139108
Ion Ratio Lower Upper

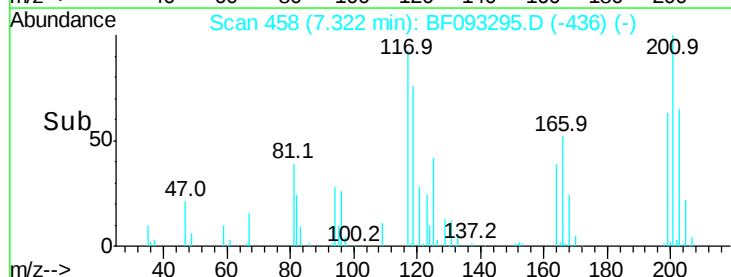
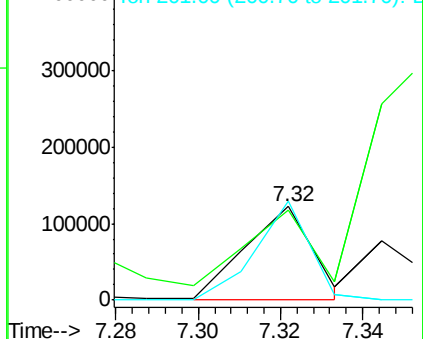
117 100

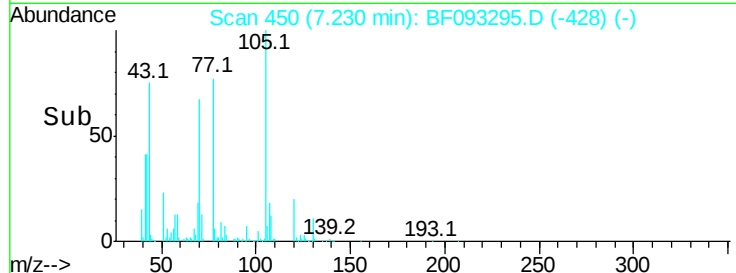
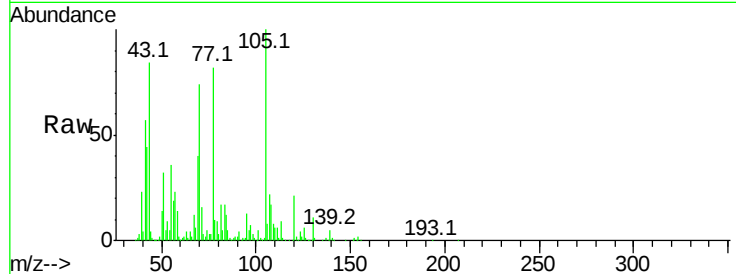
119 95.7 78.1 117.1

201 105.5 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





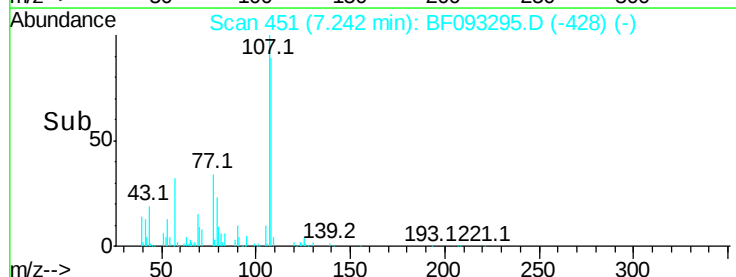
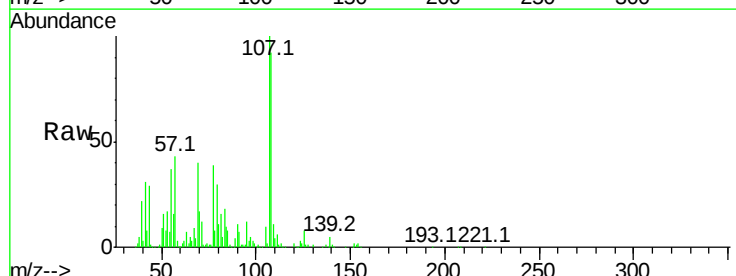
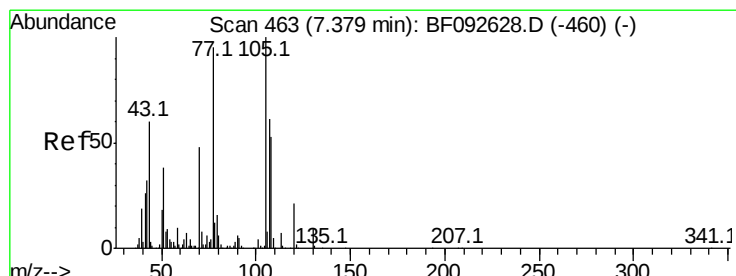
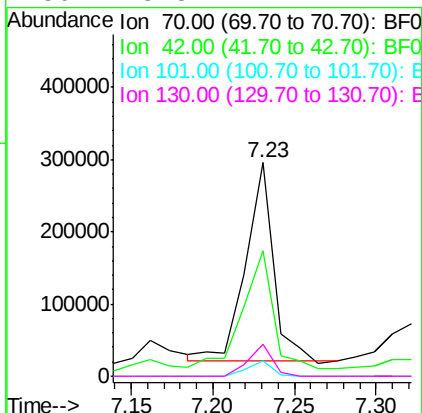
#19
n-Nitroso-di-n-propylamine
Concen: 51.18 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	49.4	74.0
101	7.3	7.4	11.2#
130	15.3	14.2	21.4

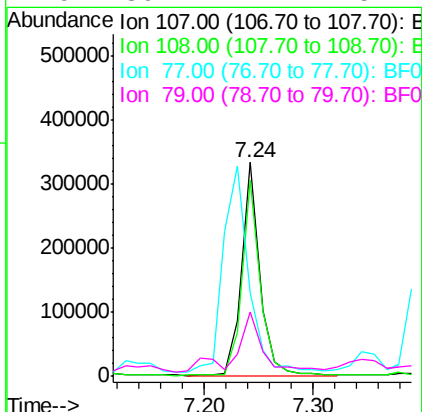
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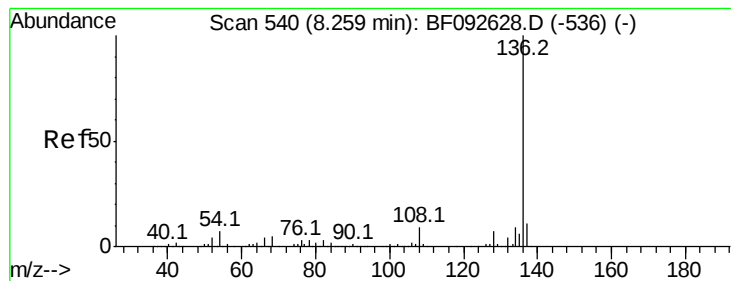
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#20
3+4-Methylphenols
Concen: 44.30 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.0	113.0
77	38.9	71.3	111.3#
79	30.1	11.1	51.1





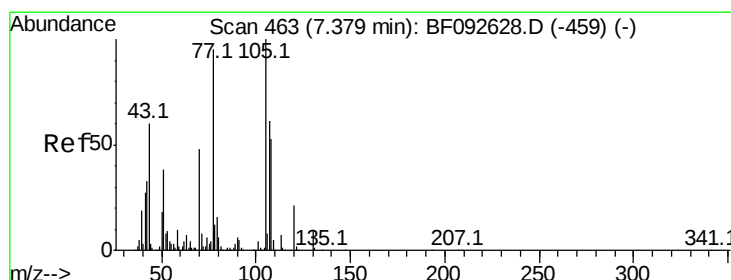
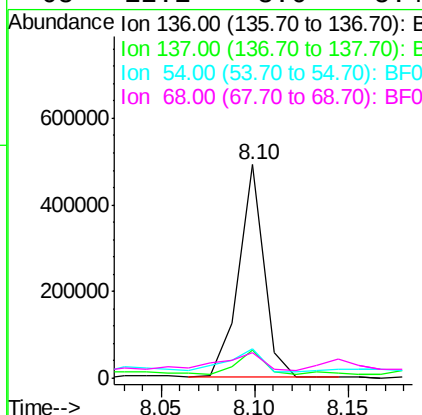
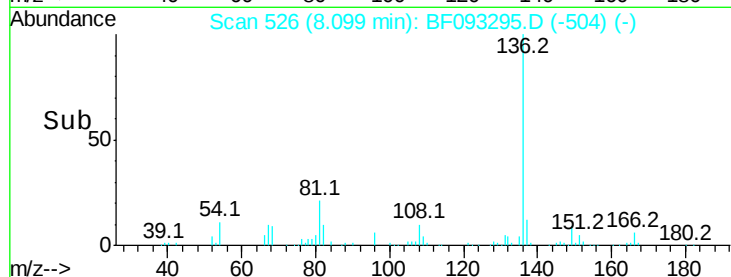
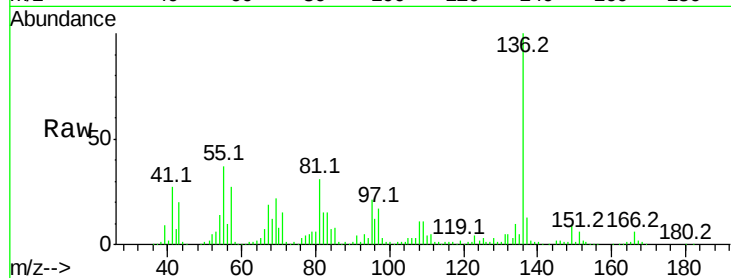
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.1	8.4	12.6#	
54	13.8	4.5	6.7#	
68	12.1	3.6	5.4#	

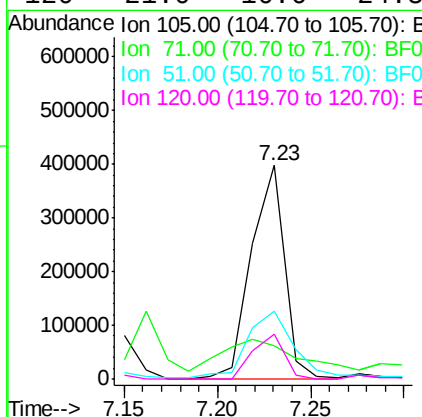
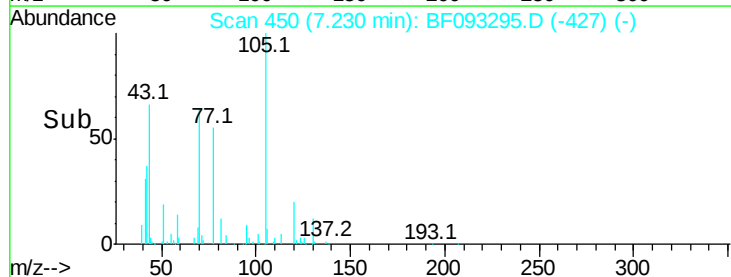
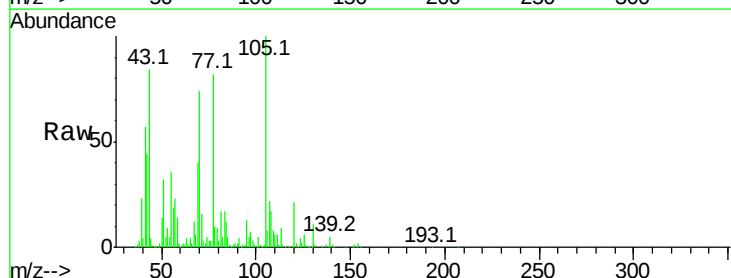
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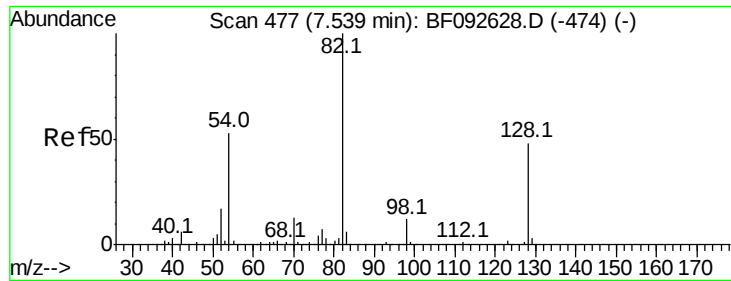
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#22
Acetophenone
Concen: 46.17 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	15.7	3.2	4.8#	
51	31.7	26.2	39.4	
120	21.0	16.6	24.8	





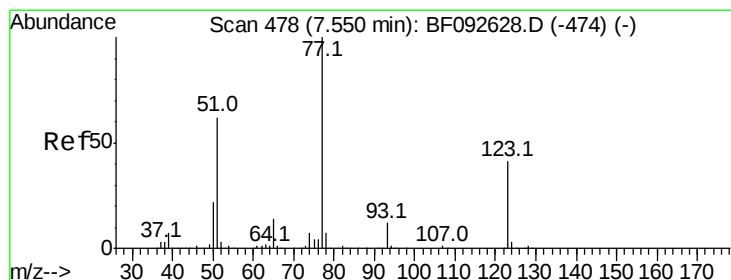
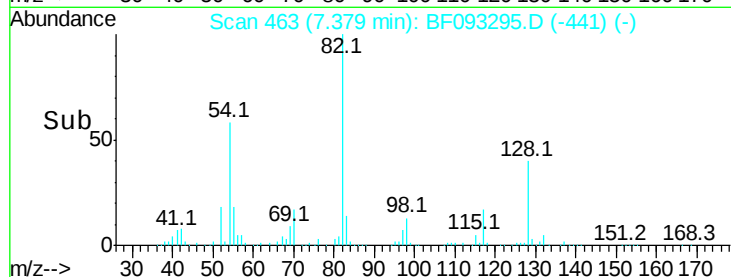
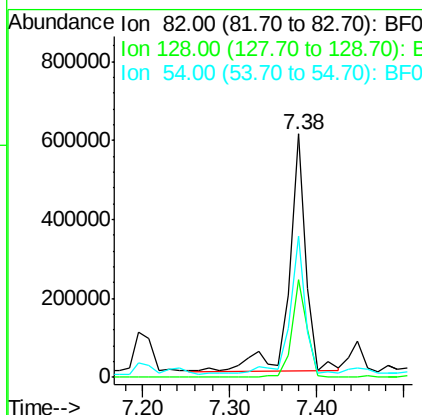
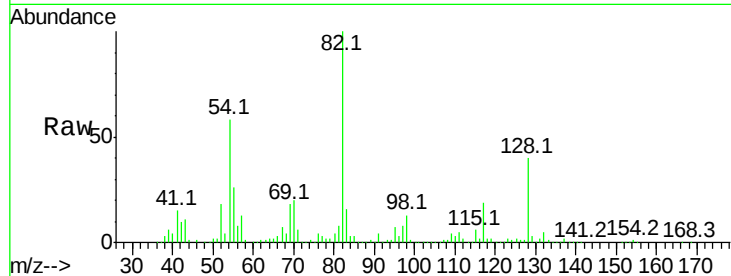
#23
Nitrobenzene-d5
Concen: 98.33 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	58.2	39.5	59.3

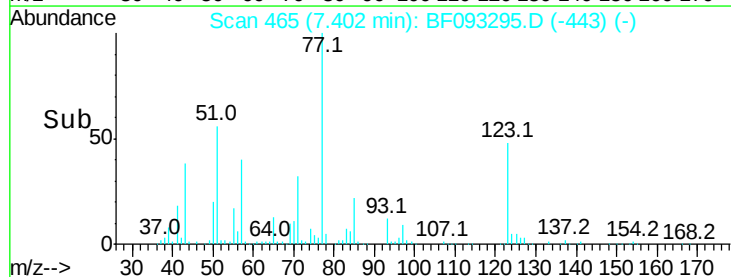
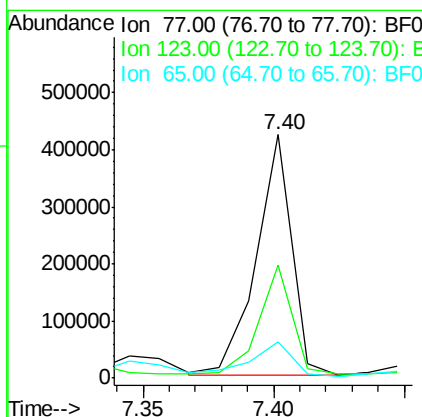
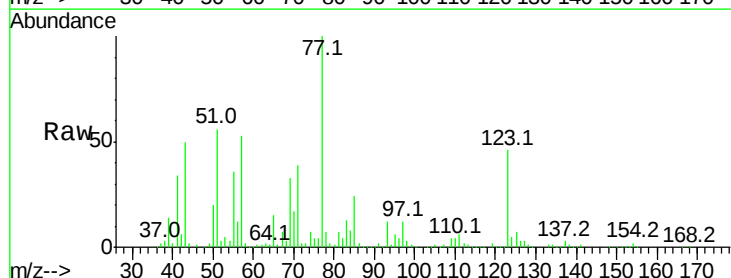
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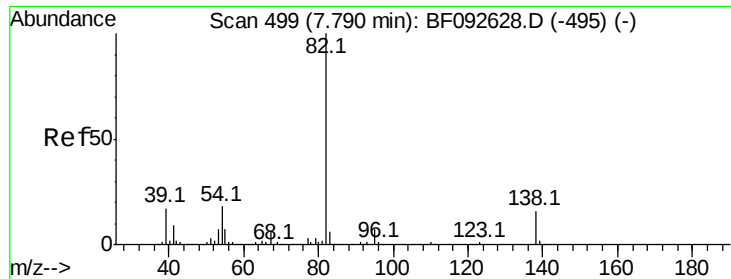
mohammad
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#24
Nitrobenzene
Concen: 46.31 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	33.0	49.4
65	14.9	11.2	16.8





#25

Isophorone

Concen: 52.22 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

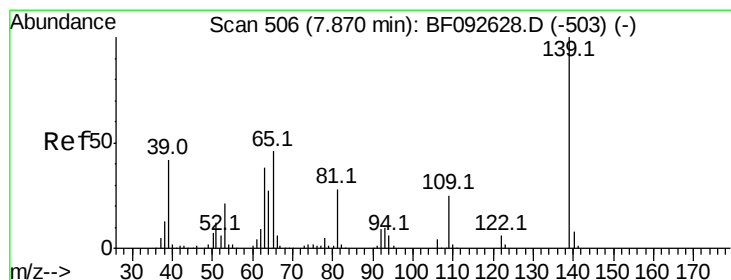
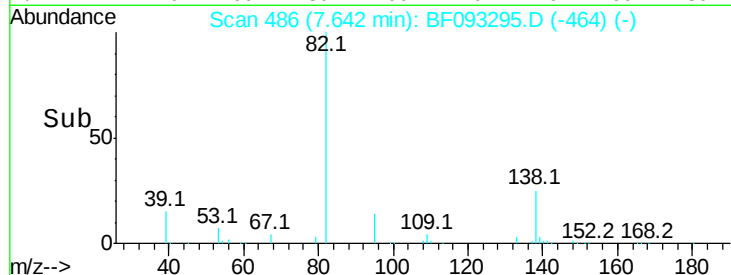
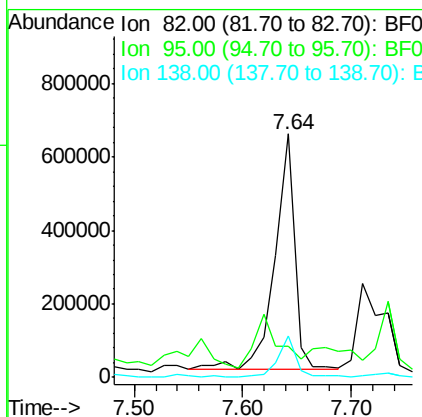
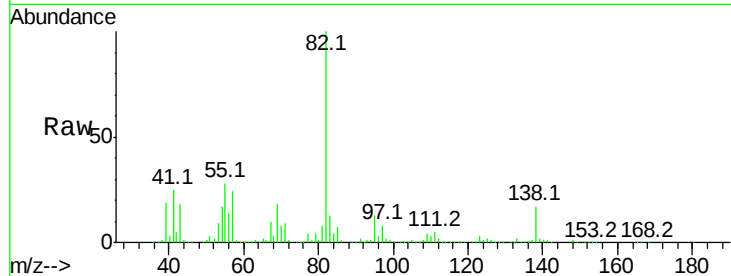
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:	82	Resp:	814984
Ion Ratio	Lower	Upper	
82	100		
95	12.8	5.6	8.4#
138	17.0	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.17 ng

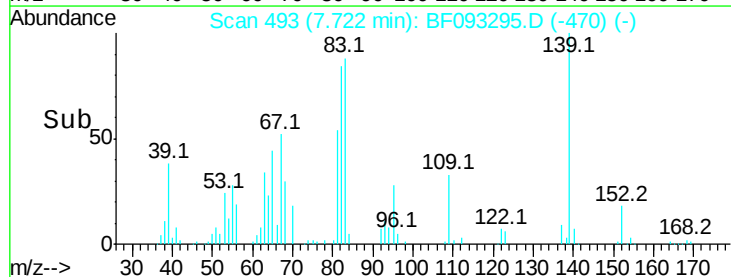
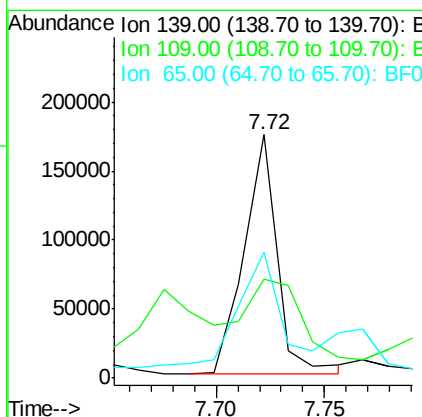
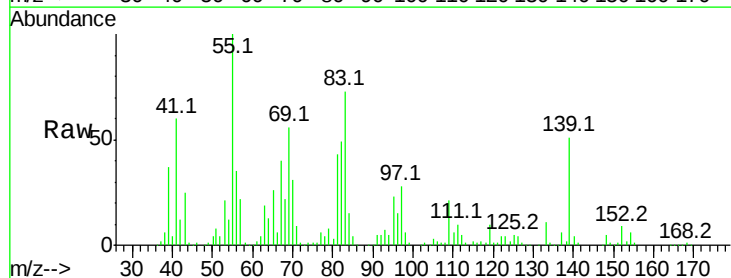
RT: 7.72 min Scan# 493

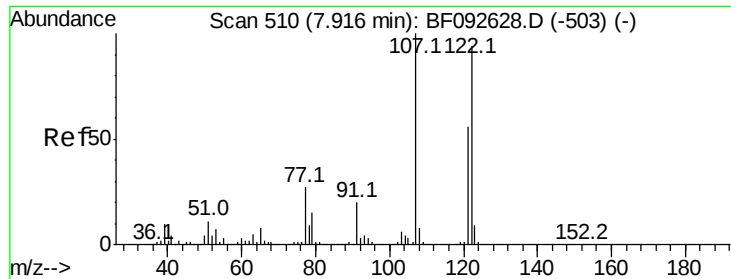
Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	139	Resp:	184676
Ion Ratio	Lower	Upper	
139	100		
109	40.8	23.3	34.9#
65	51.4	42.7	64.1





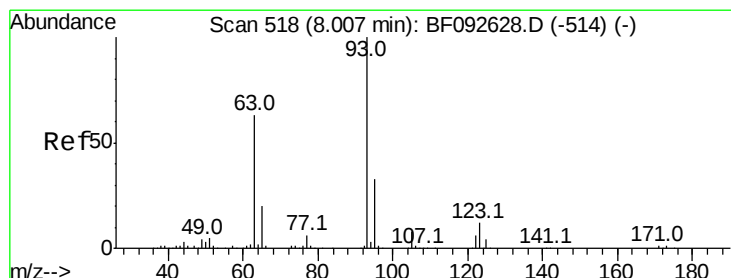
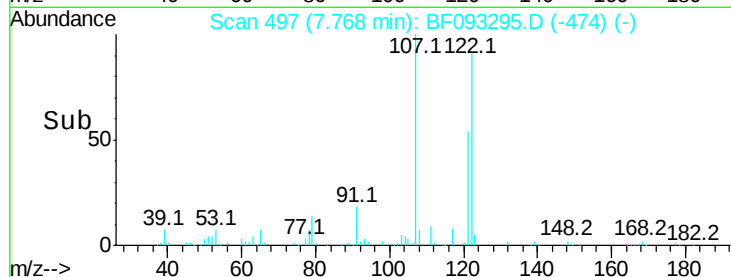
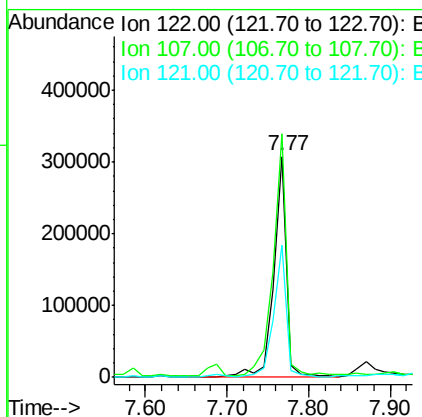
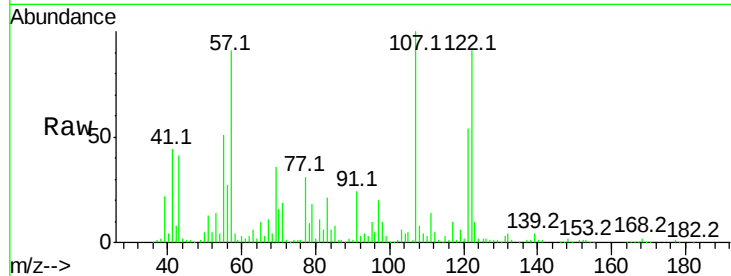
#27
2,4-Dimethylphenol
Concen: 46.62 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	334712		
107	110.3	94.1	141.1	
121	59.9	46.0	69.0	

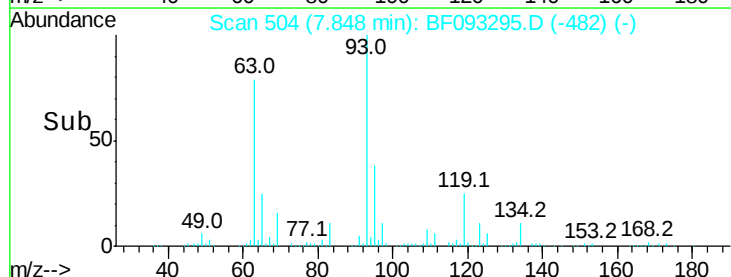
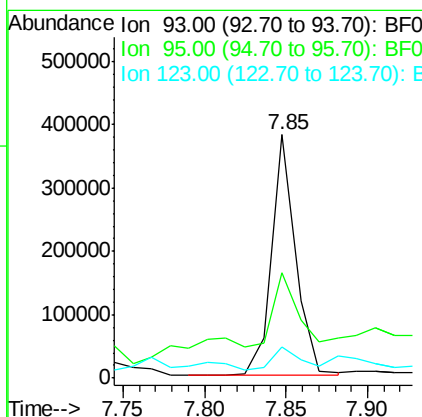
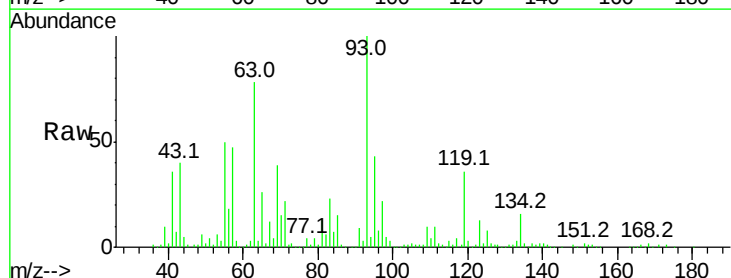
Manual Integrations
APPROVED

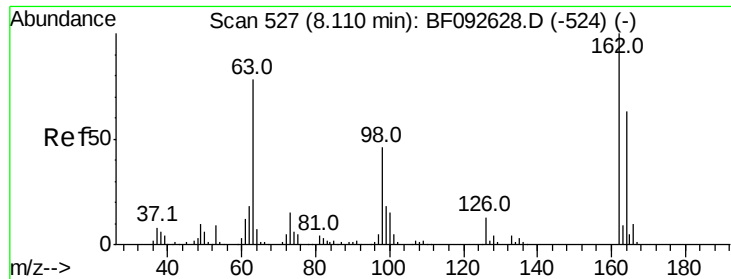
mohammad
3/2/2017 1:42:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.40 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386641		
95	43.1	26.5	39.7#	
123	12.9	8.6	13.0	





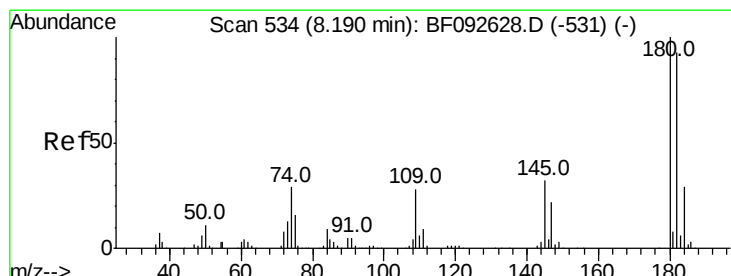
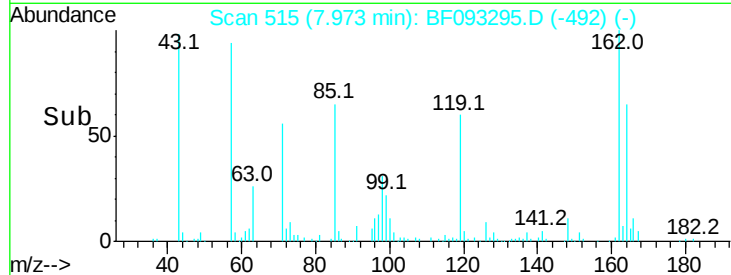
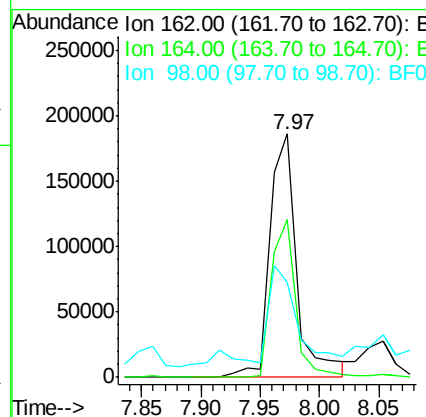
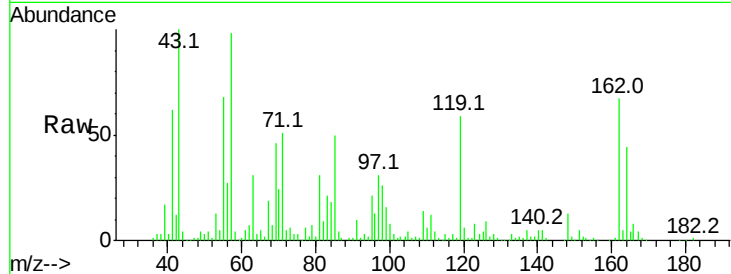
#29
2,4-Dichlorophenol
Concen: 44.13 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	295540		
164	64.8	46.8	86.8	
98	39.2	9.1	49.1	

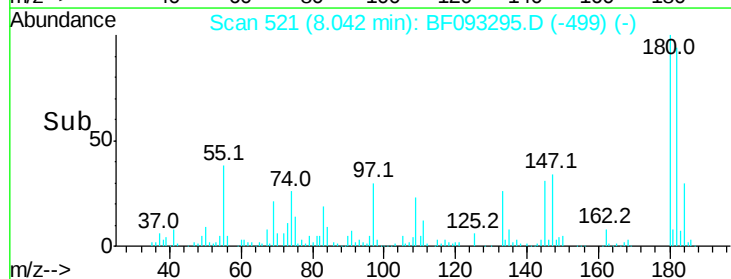
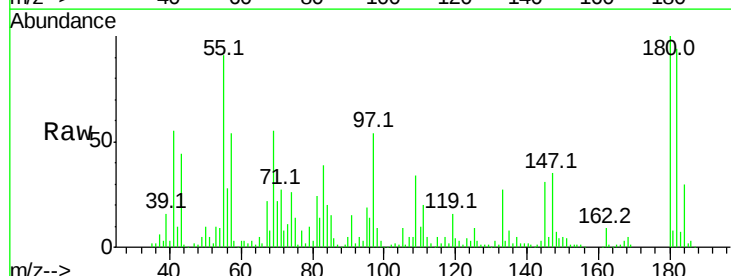
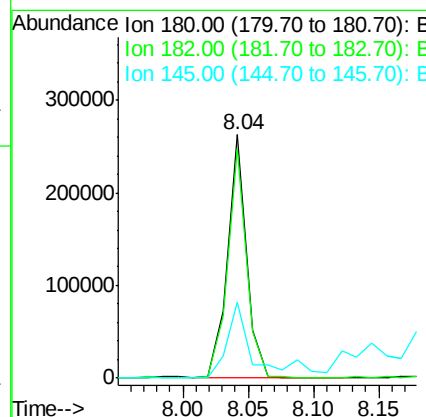
Manual Integrations
APPROVED

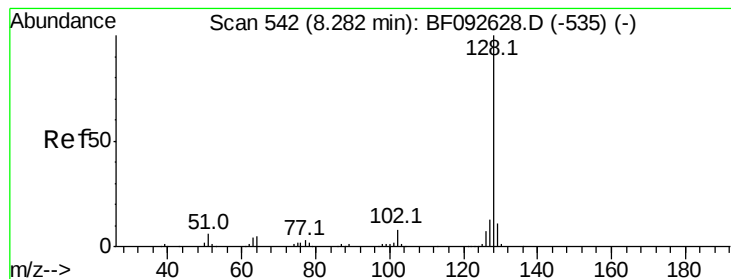
mohammad
3/2/2017 1:42:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.80 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	265547		
182	94.1	78.2	117.4	
145	31.1	21.6	32.4	





#31

Naphthalene

Concen: 42.67 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:128 Resp: 1008987

Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

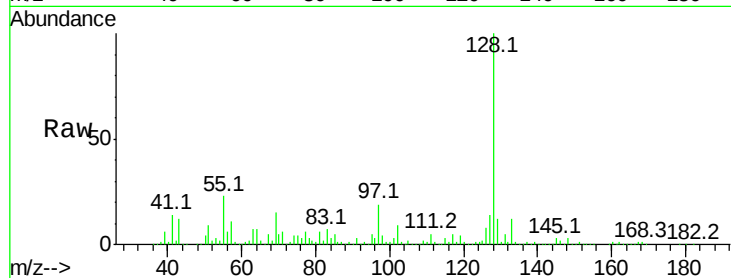
127 14.1 10.8 16.2

Manual Integrations

APPROVED

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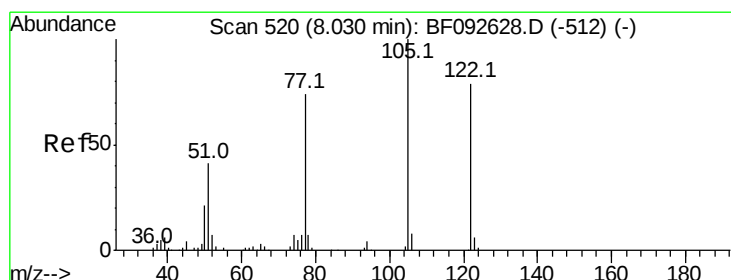
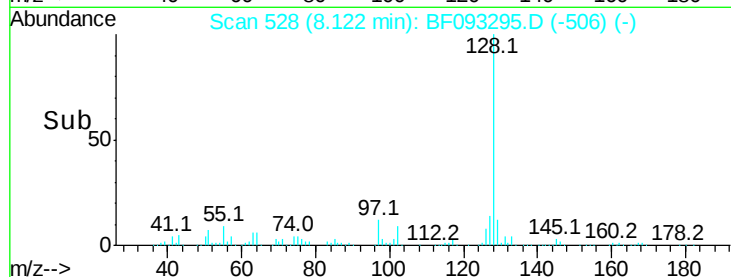
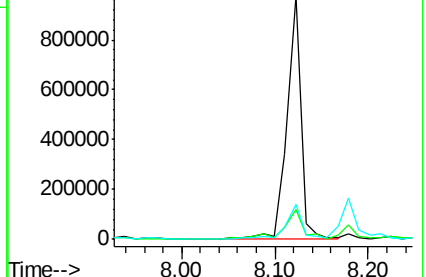
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.51 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

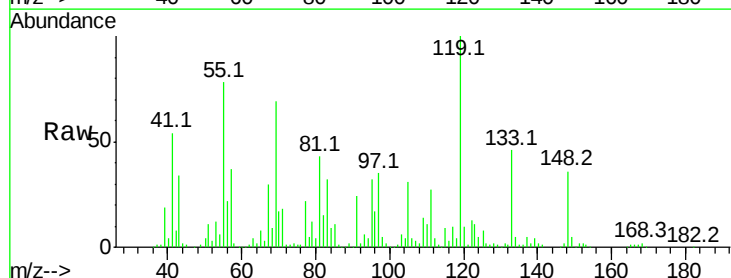
Tgt Ion:122 Resp: 39896

Ion Ratio Lower Upper

122 100

105 246.9 107.2 147.2#

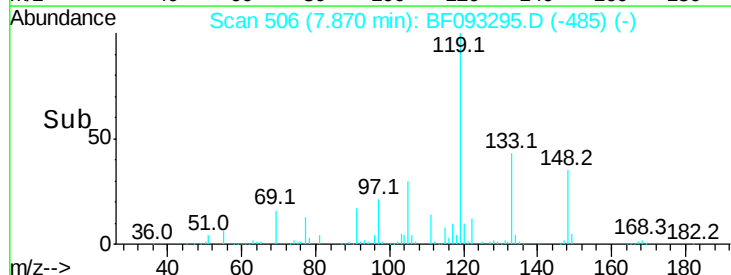
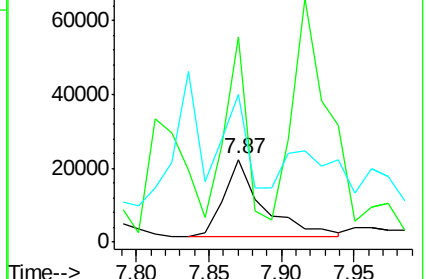
77 177.7 74.5 114.5#

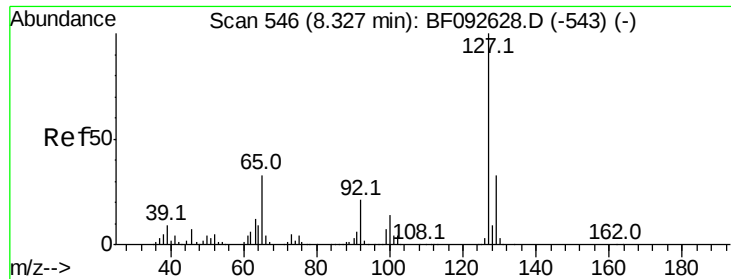


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





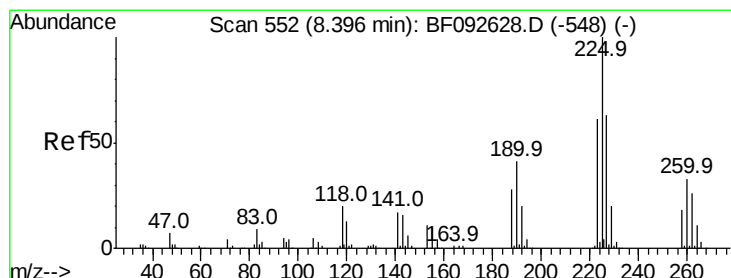
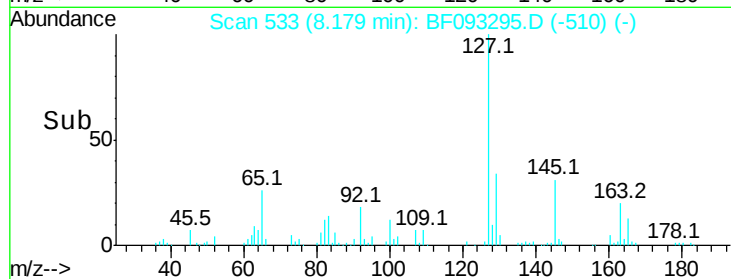
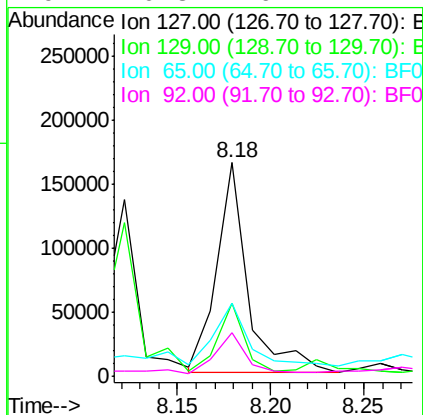
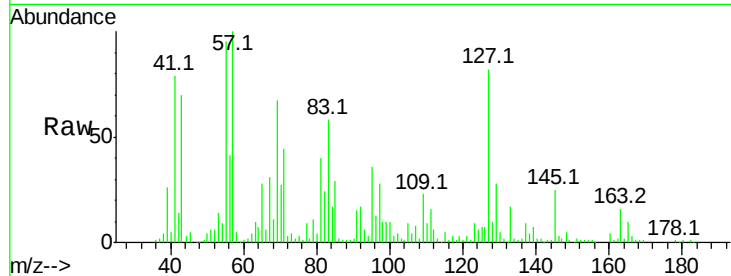
#33
4-Chloroaniline
Concen: 20.87 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.3	39.5
65	34.2	25.8	38.8
92	20.3	16.1	24.1

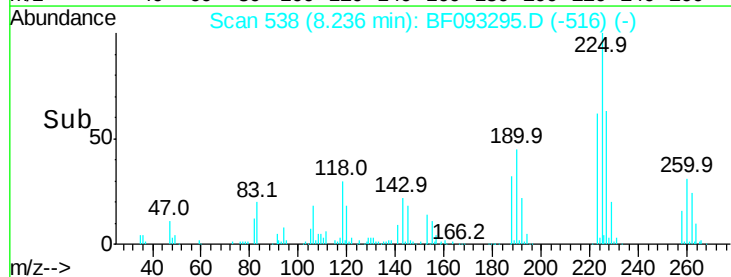
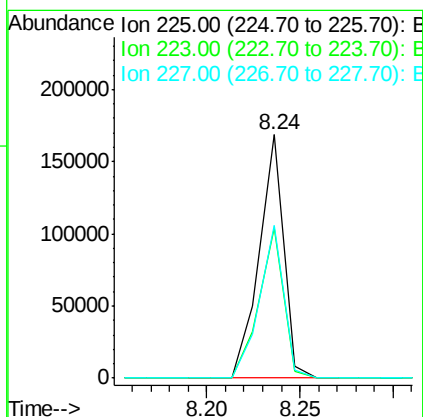
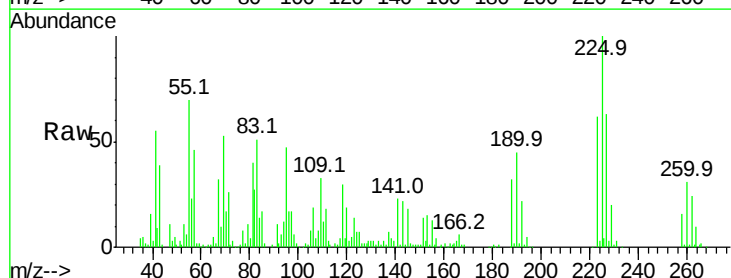
Manual Integrations
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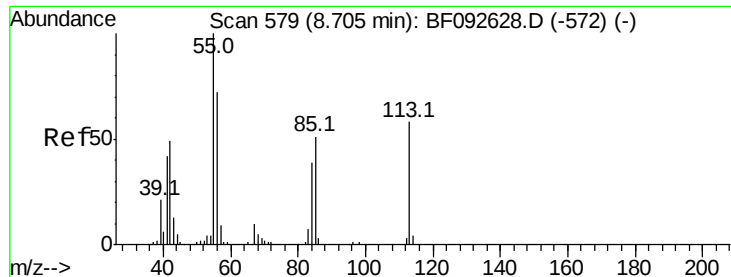
mohammad
3/2/2017 1:42:32 PM



#34
Hexachlorobutadiene
Concen: 39.37 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	62.7	50.6	76.0





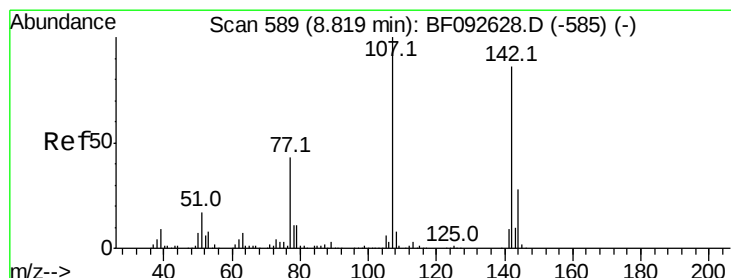
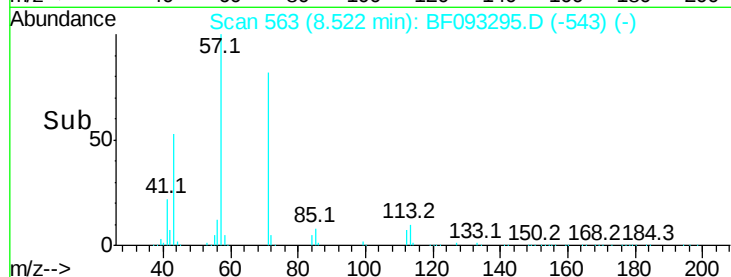
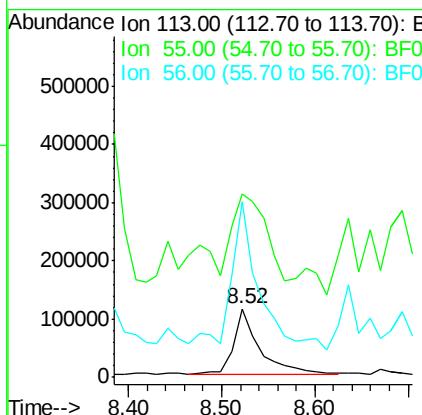
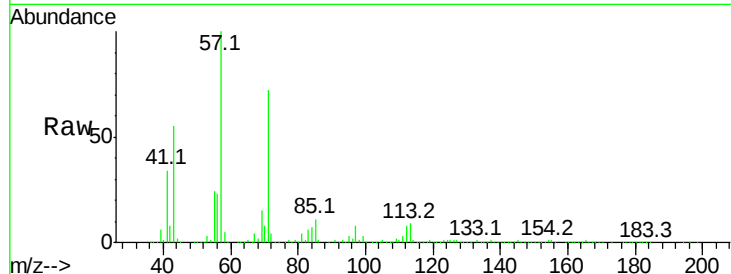
#35
Caprolactam
Concen: 109.18 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.07 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	269.1	119.2	159.2#
56	257.7	83.8	123.8#

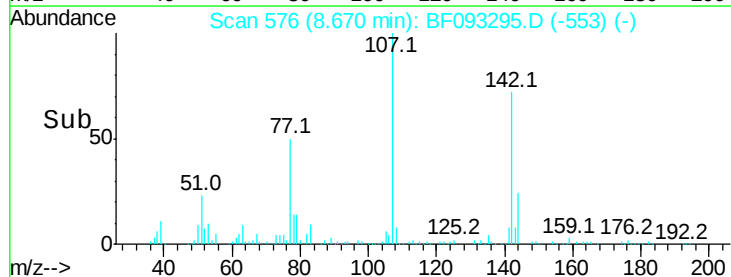
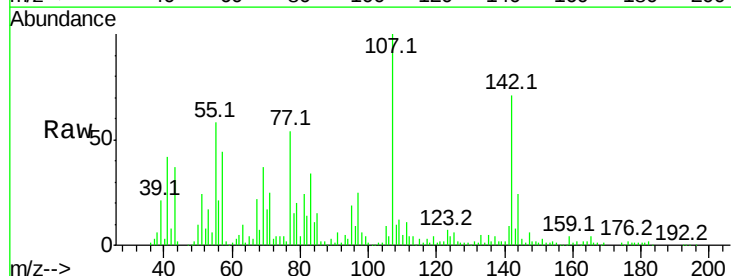
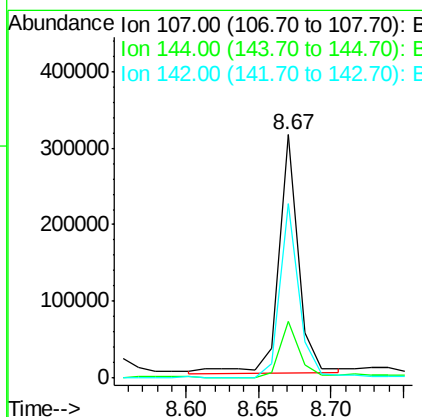
Manual Integrations
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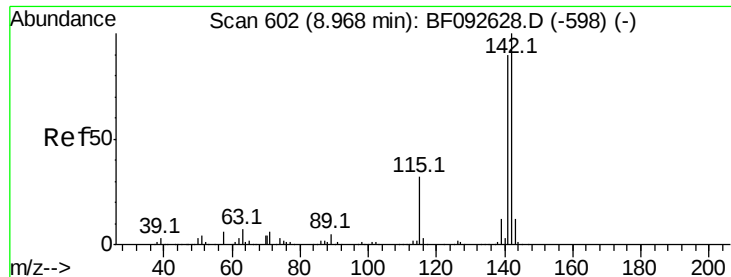
mohammad
3/2/2017 1:42:32 PM



#36
4-Chloro-3-methylphenol
Concen: 41.82 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.3	28.9
142	71.5	59.0	88.6





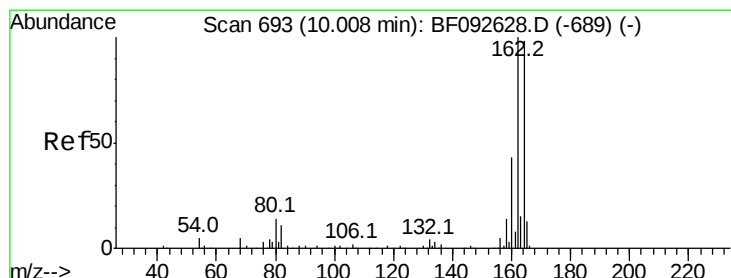
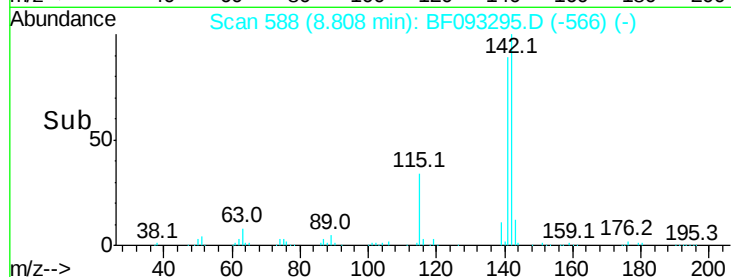
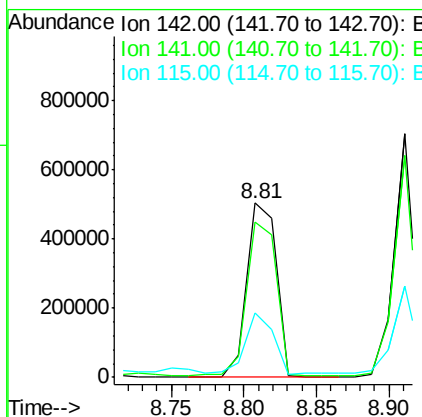
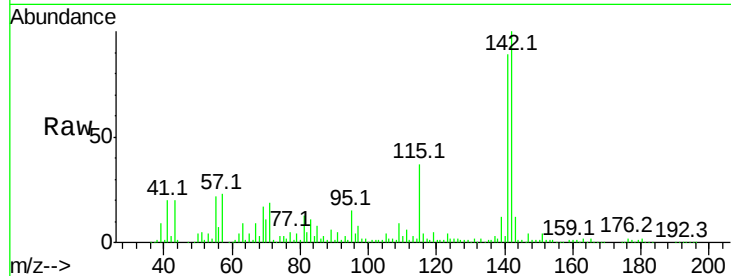
#37
2-Methylnaphthalene
Concen: 46.72 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	37.0	28.3	42.5

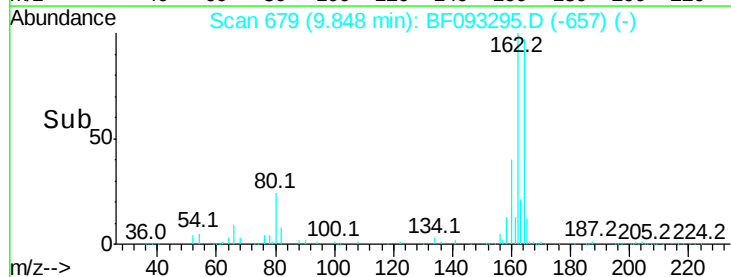
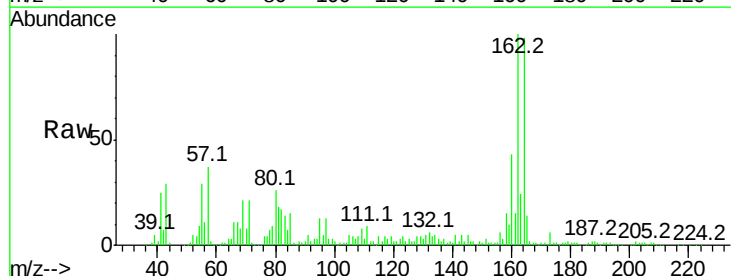
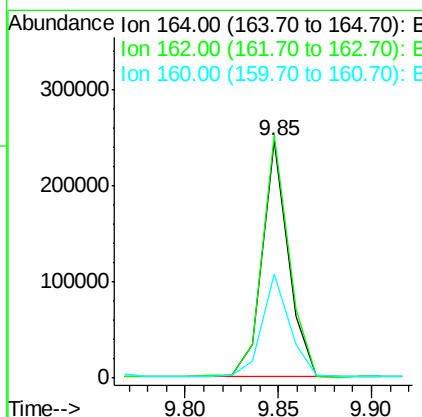
Manual Integrations
APPROVED

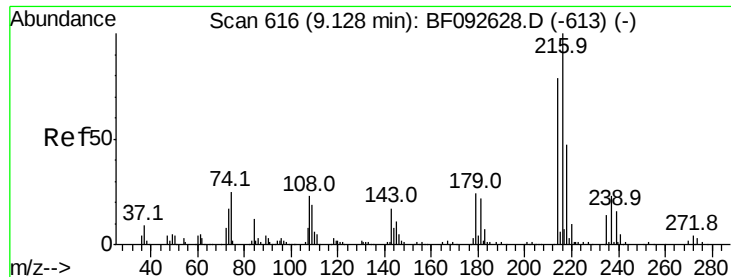
mohammad
3/2/2017 1:42:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	43.9	36.9	55.3





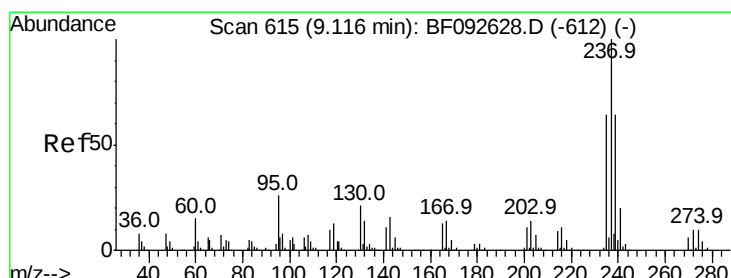
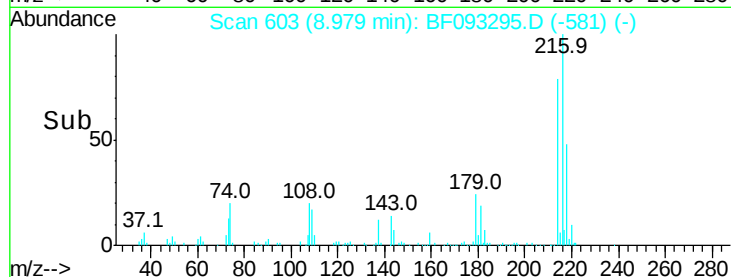
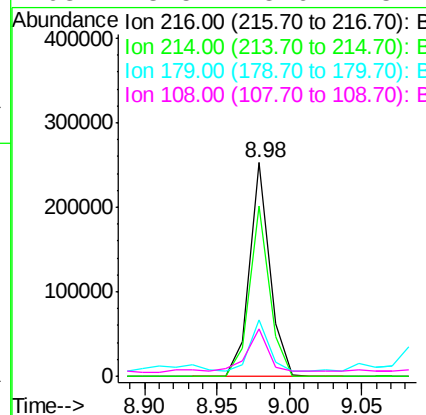
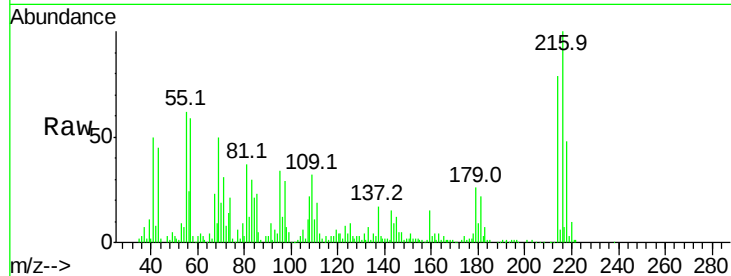
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.14 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	245167		
214	79.3	63.4	95.0	
179	23.4	17.4	26.2	
108	23.5	15.6	23.4	

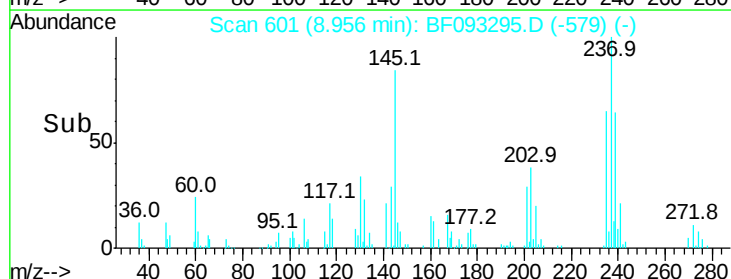
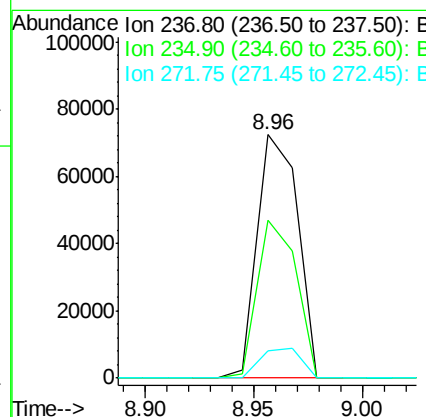
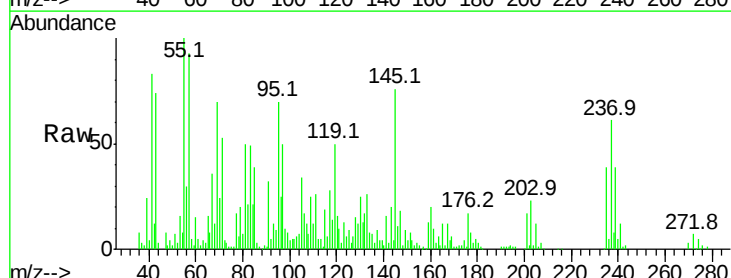
Manual Integrations
 APPROVED

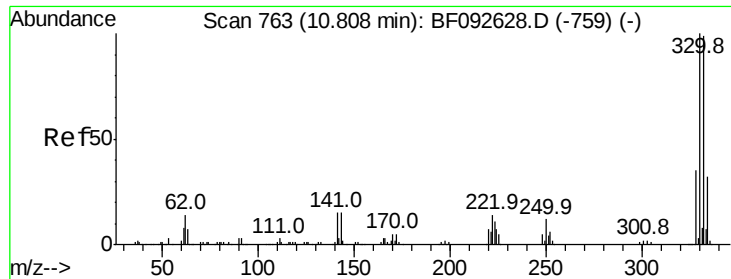
mohammad
 3/2/2017 1:42:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 31.58 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	94051		
235	65.0	41.2	81.2	
272	11.1	0.0	35.4	





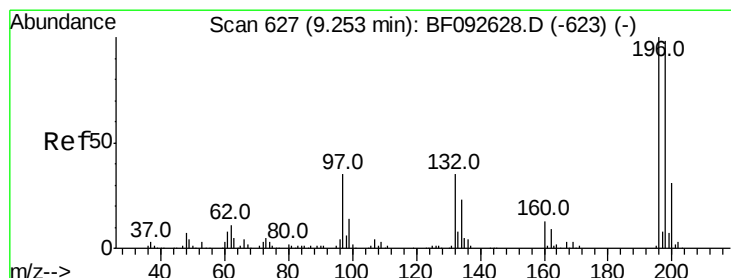
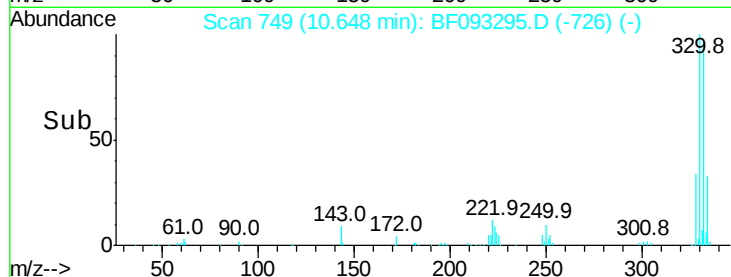
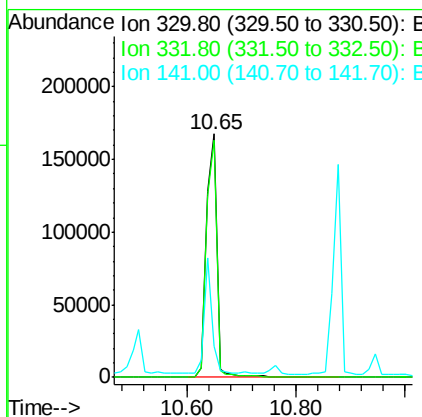
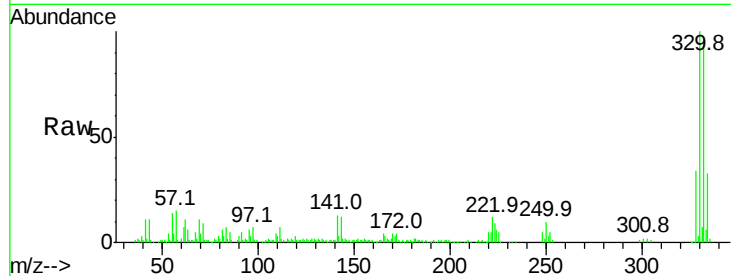
#41
 2,4,6-Tribromophenol
 Concen: 130.19 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221444		
332	96.5		77.4	116.2
141	35.7		34.1	51.1

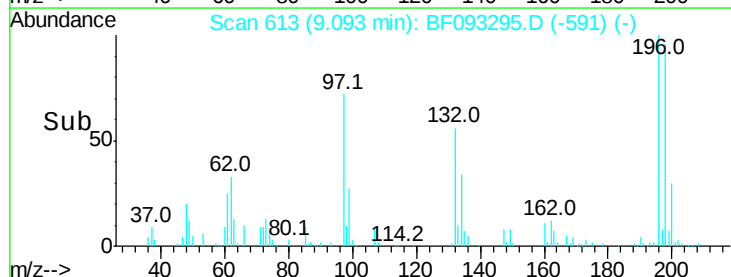
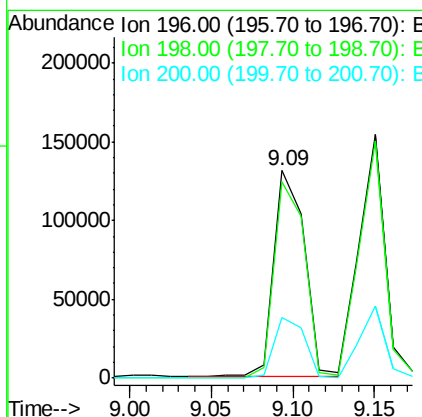
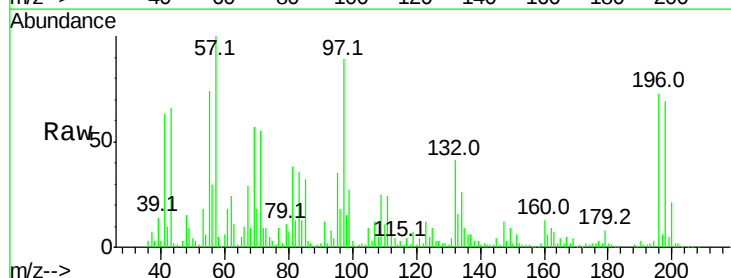
Manual Integrations
 APPROVED

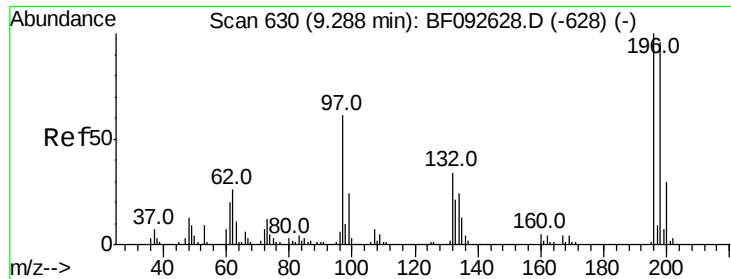
mohammad
 3/2/2017 1:42:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.31 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170539		
198	94.6		82.1	123.1
200	29.4		27.0	40.4





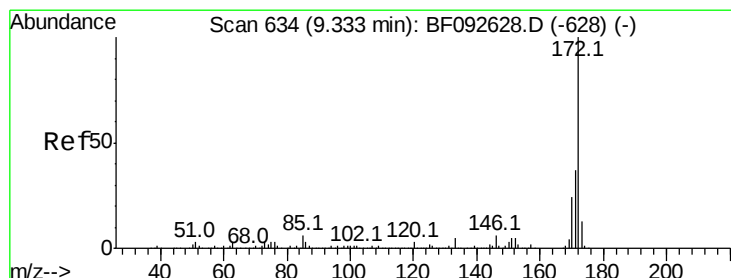
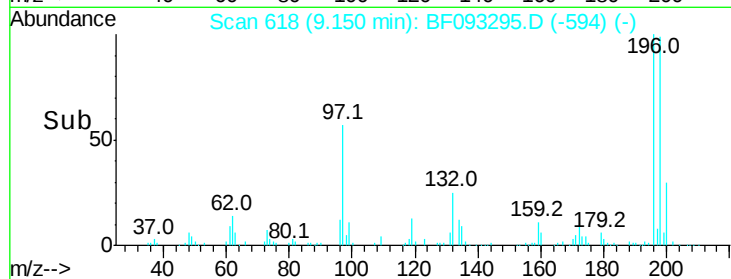
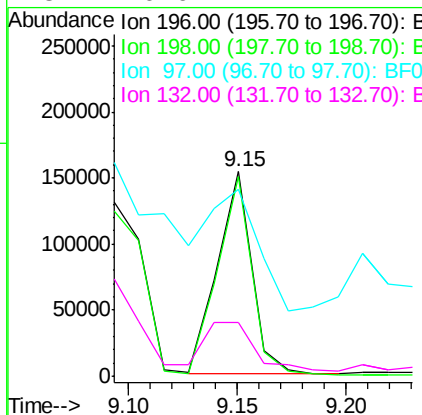
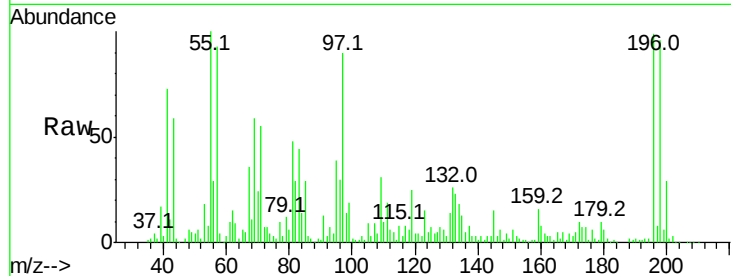
#43
 2,4,5-Trichlorophenol
 Concen: 35.33 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167929		
198	97.7	79.4	119.2	
97	91.6	51.5	77.3#	
132	26.6	27.4	41.2#	

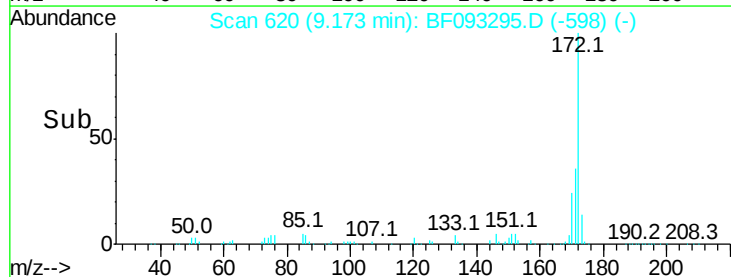
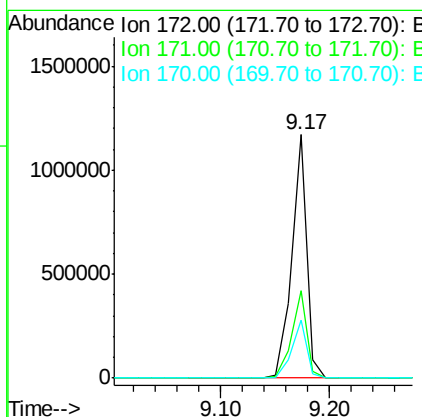
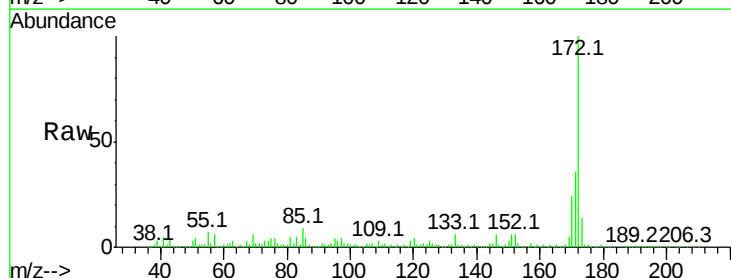
Manual Integrations
 APPROVED

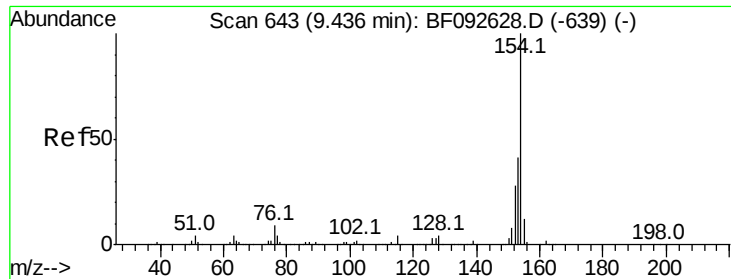
mohammad
 3/2/2017 1:42:32 PM



#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1124723		
171	36.2	29.4	44.0	
170	23.9	20.2	30.4	





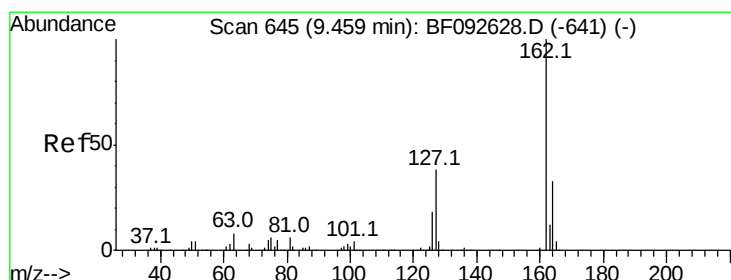
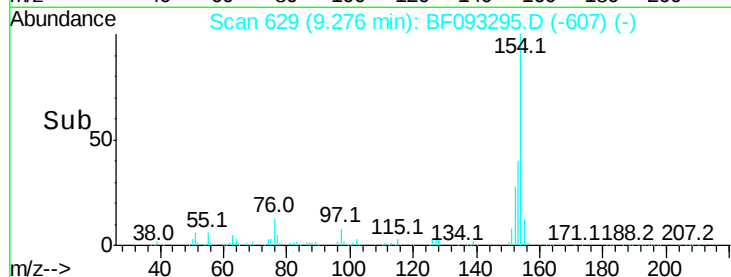
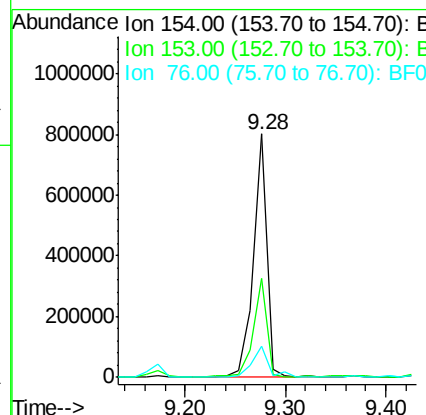
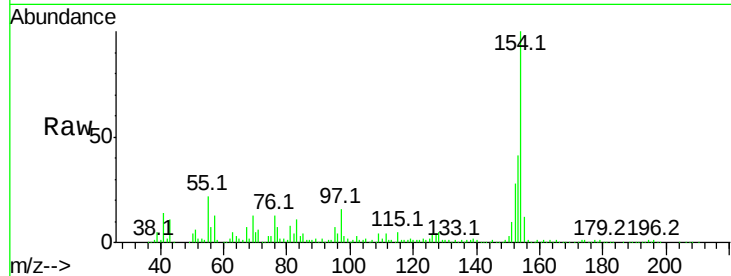
#45
 1,1'-Biphenyl
 Concen: 43.12 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	12.6	0.0	30.5

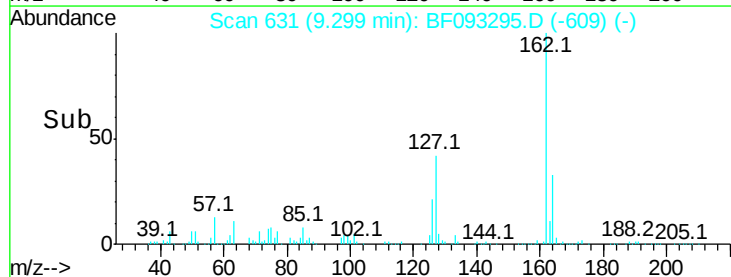
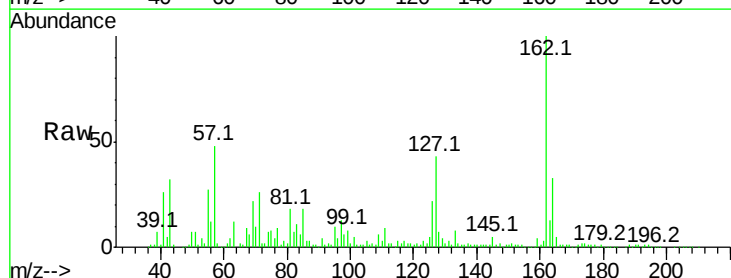
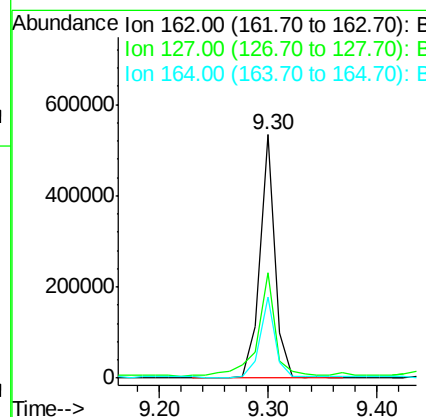
Manual Integrations
 APPROVED

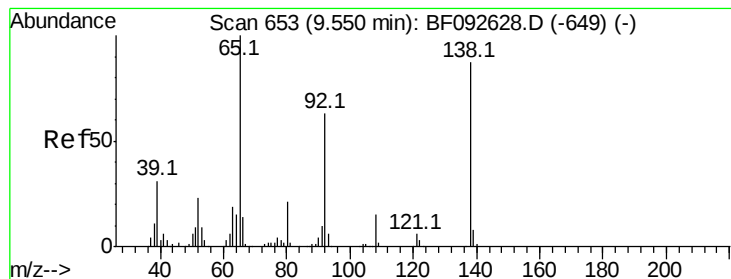
mohammad
 3/2/2017 1:42:32 PM



#46
 2-Chloronaphthalene
 Concen: 38.72 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	30.7	46.1
164	33.1	27.6	41.4





#47

2-Nitroaniline

Concen: 46.12 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

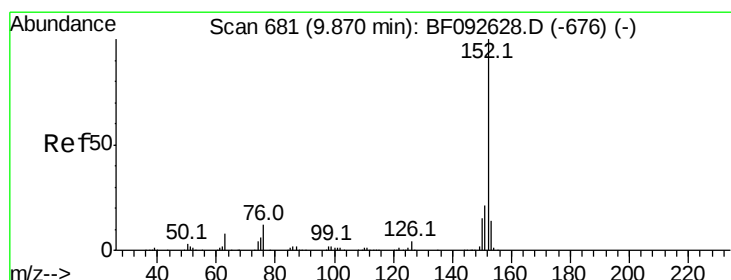
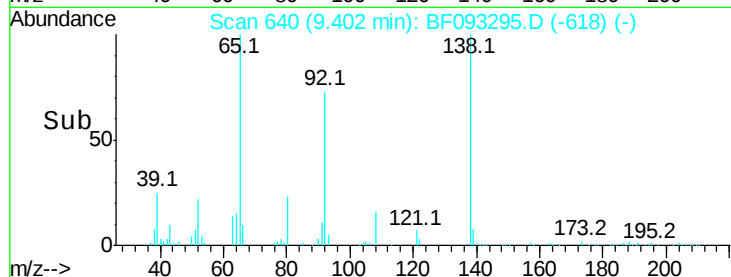
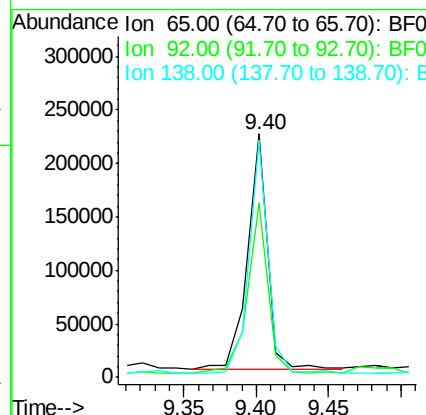
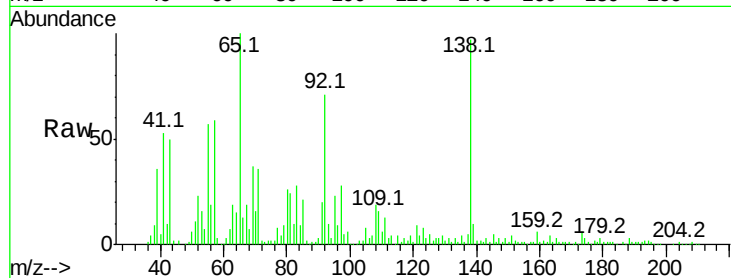
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	97.2	76.8	115.2

Manual Integrations
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3/2/2017 1:42:32 PM



#48

Acenaphthylene

Concen: 37.42 ng

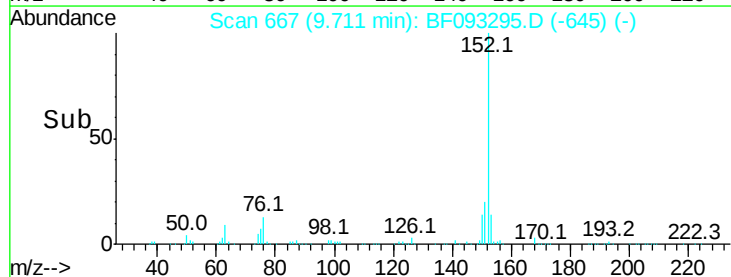
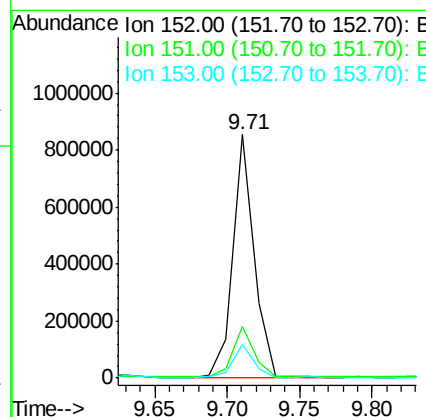
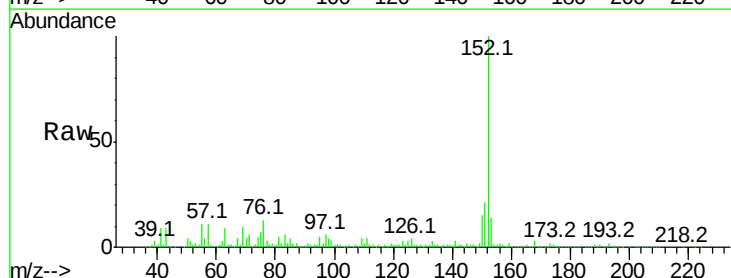
RT: 9.71 min Scan# 667

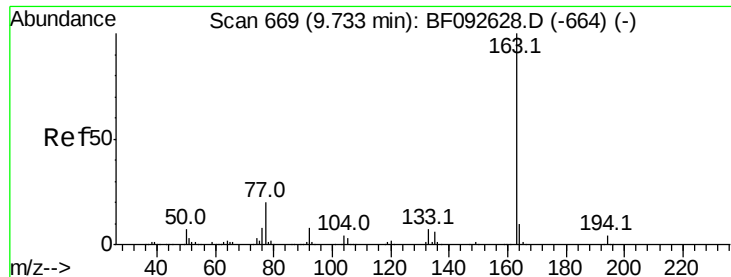
Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	14.0	11.4	17.2





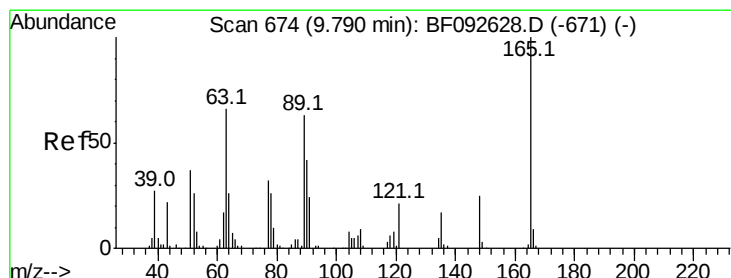
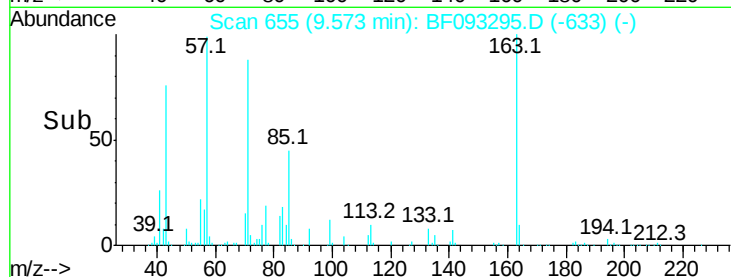
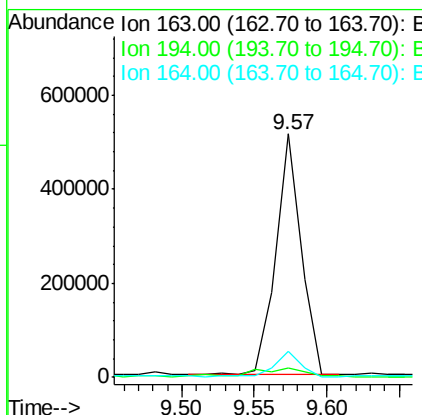
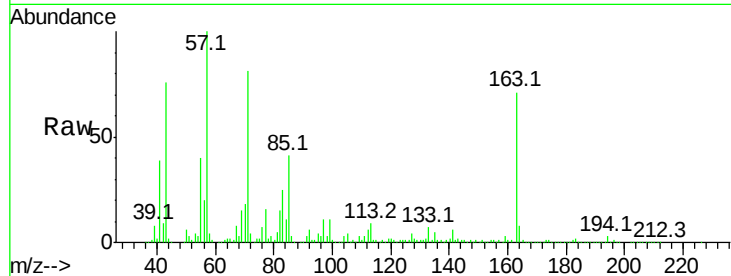
#49
Dimethylphthalate
Concen: 39.28 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.7	8.0	12.0

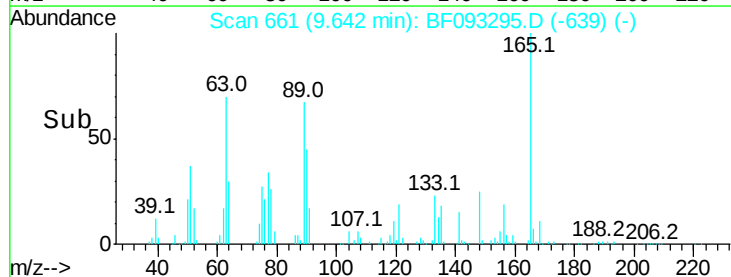
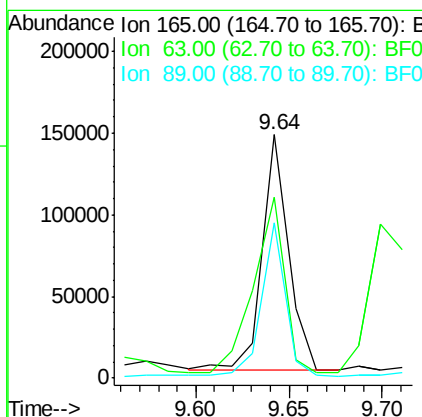
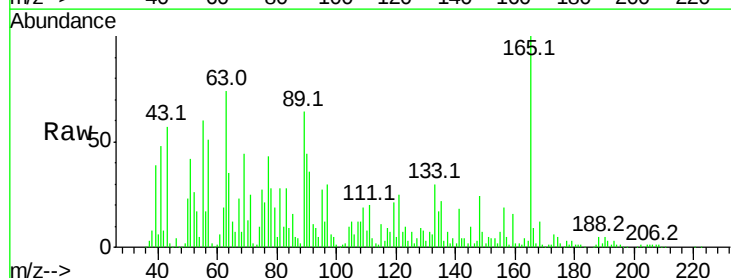
Manual Integrations
APPROVED

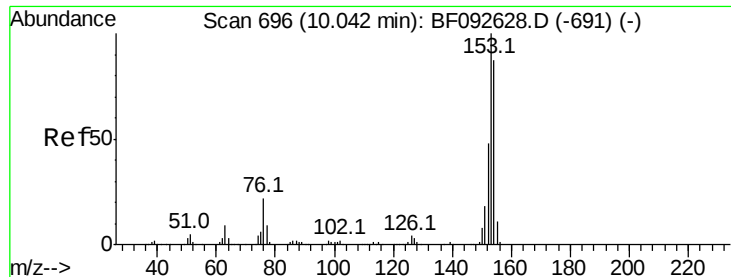
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.83 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.1	36.2	54.4#
89	63.9	40.2	60.4#





#51

Acenaphthene

Concen: 37.41 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:154 Resp: 514780

Ion Ratio Lower Upper

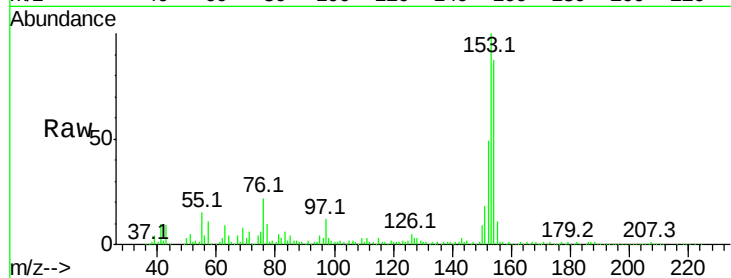
154 100

153 114.3 88.6 133.0

152 55.5 41.6 62.4

Manual Integrations
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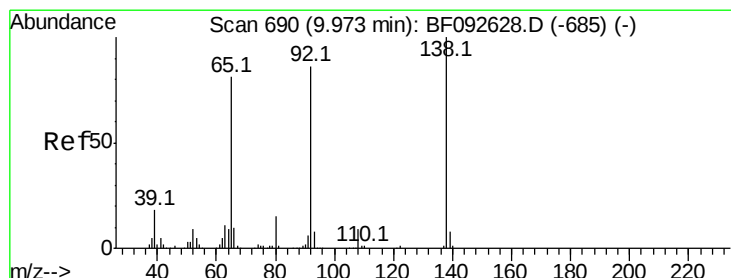
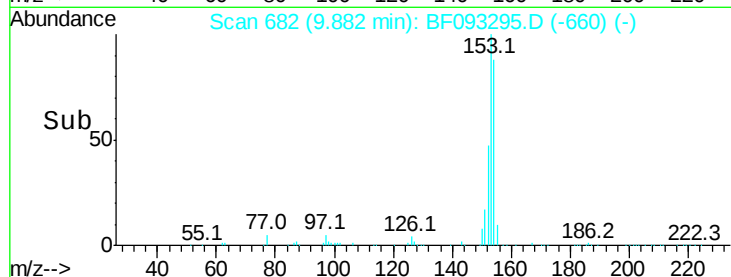
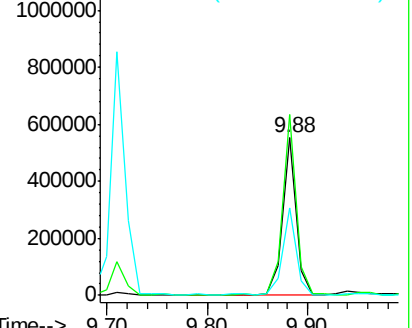
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.05 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

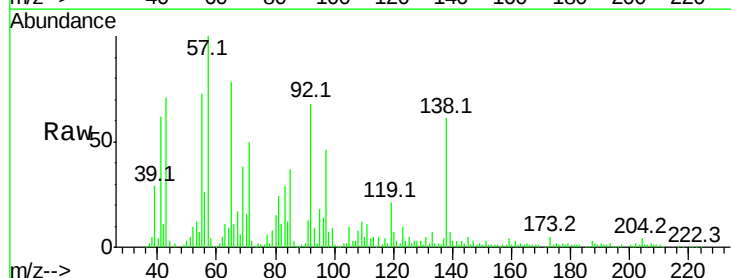
Tgt Ion:138 Resp: 113749

Ion Ratio Lower Upper

138 100

108 12.3 8.5 12.7

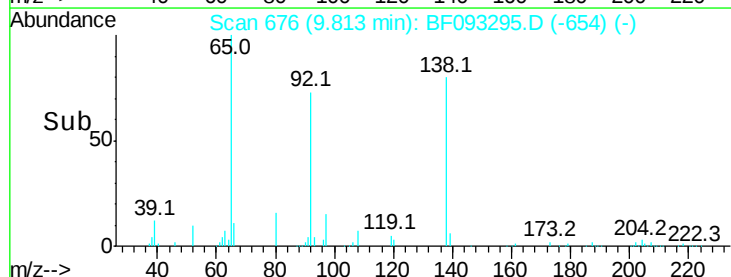
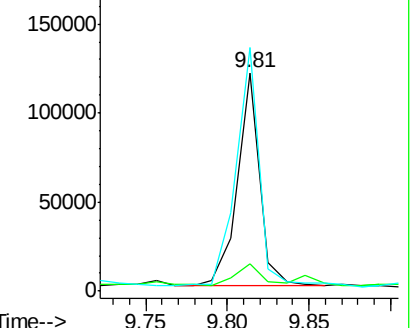
92 111.6 97.8 146.8

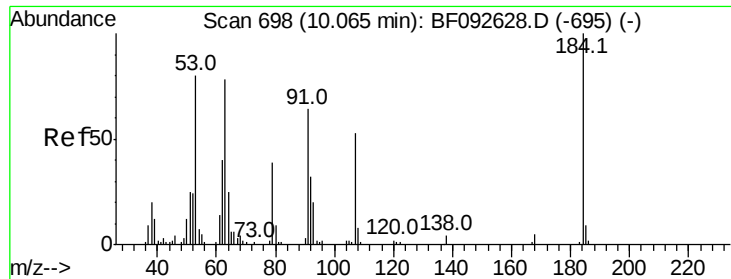


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





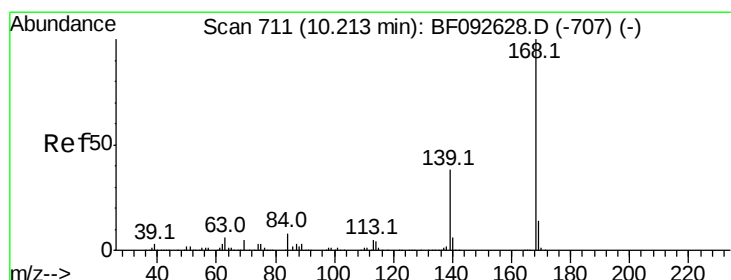
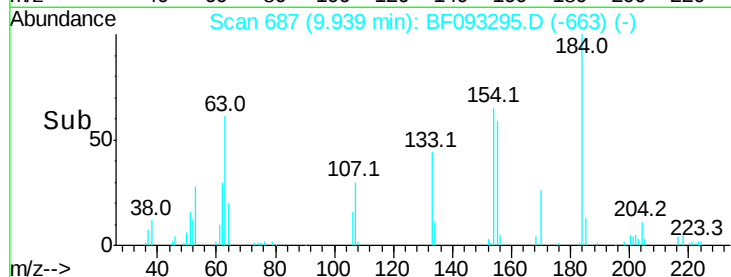
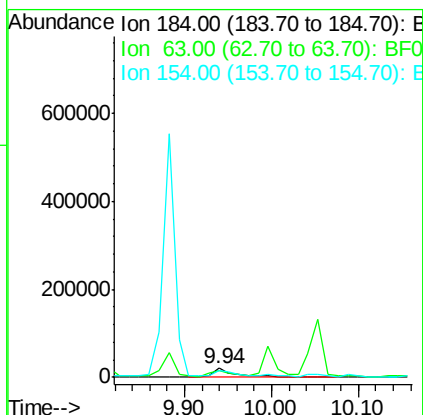
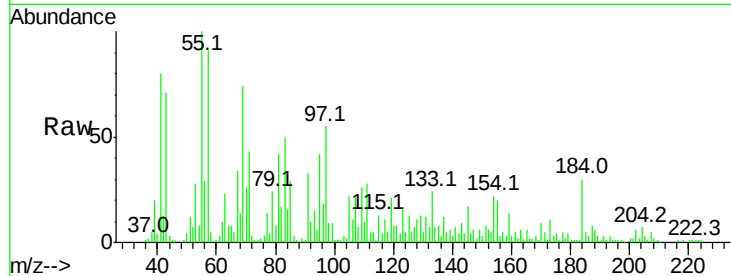
#53
2,4-Dinitrophenol
Concen: 26.24 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.5	28.4	42.6#
154	73.5	44.3	66.5#

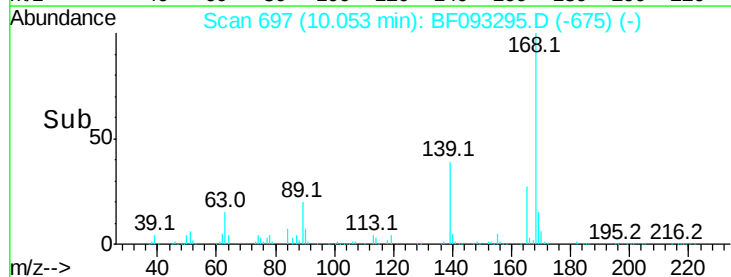
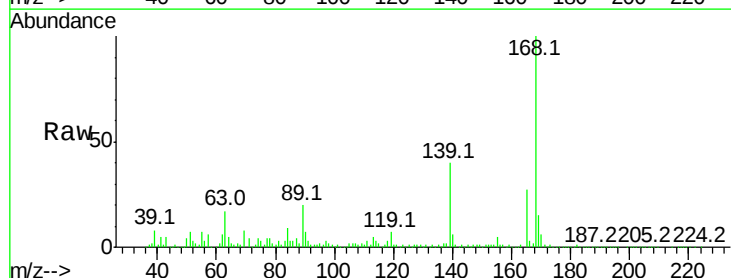
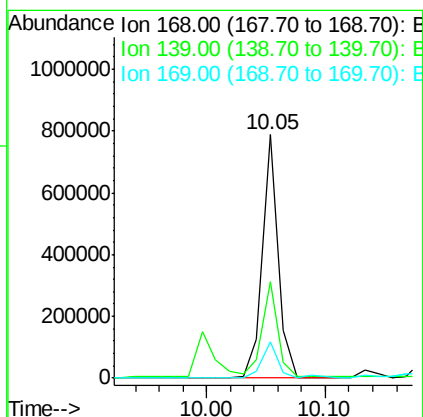
Manual Integrations
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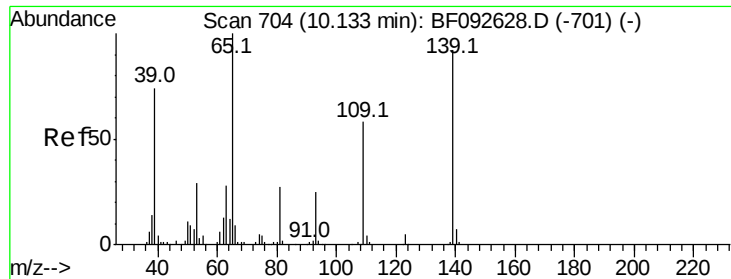
mohammad
3/2/2017 1:42:32 PM



#54
Dibenzofuran
Concen: 40.03 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.6	49.0
169	15.0	11.3	16.9





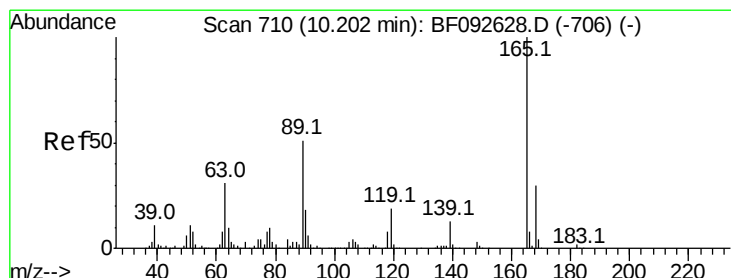
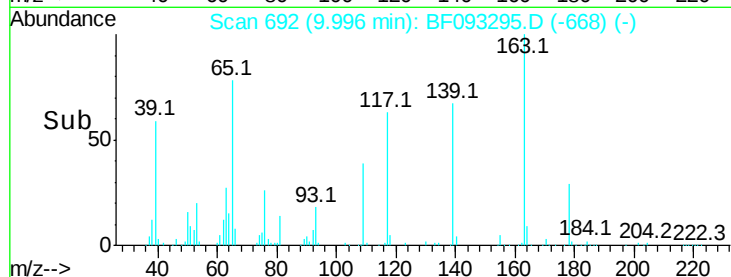
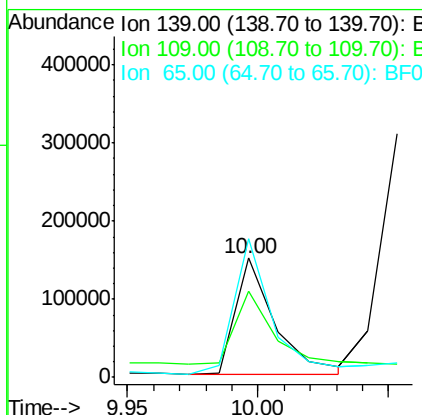
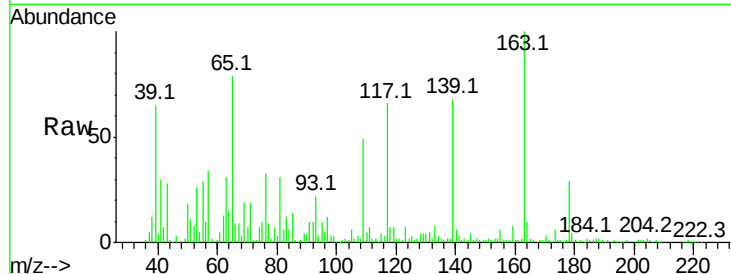
#55
4-Nitrophenol
Concen: 56.68 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.8	52.2	92.2	
65	116.3	85.8	125.8	

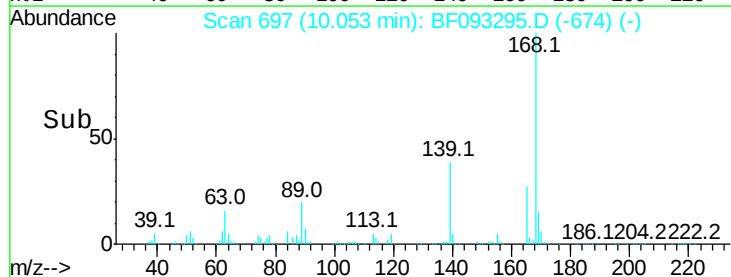
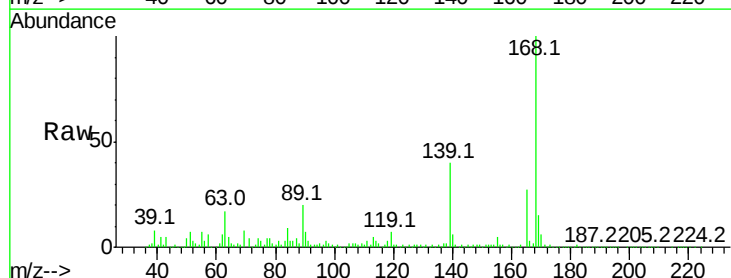
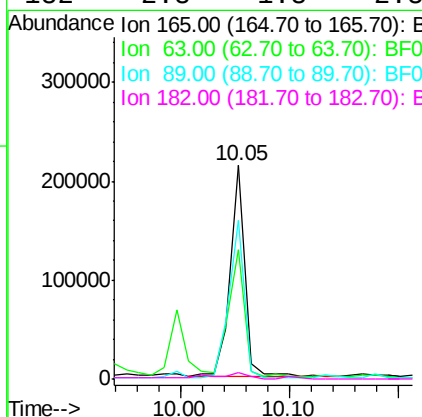
Manual Integrations
APPROVED

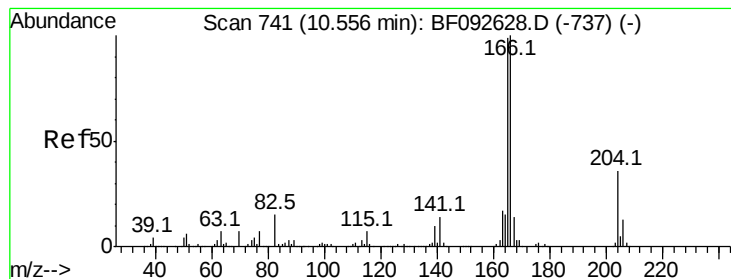
mohammad
3/2/2017 1:42:32 PM



#56
2,4-Dinitrotoluene
Concen: 42.91 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.7	40.2	60.4#	
89	74.3	62.5	93.7	
182	2.8	1.8	2.8#	





#57

Fluorene

Concen: 45.49 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

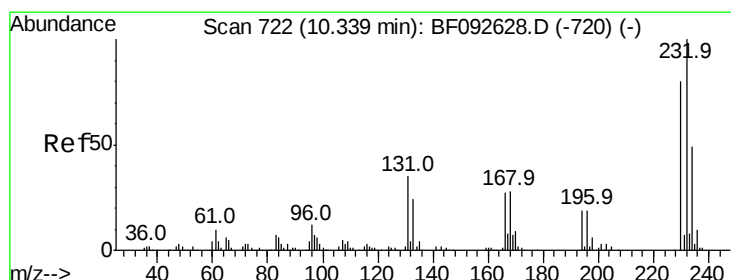
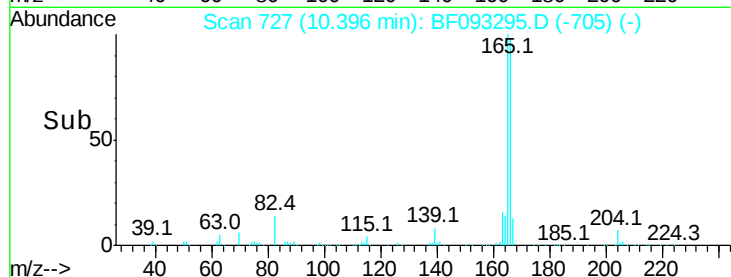
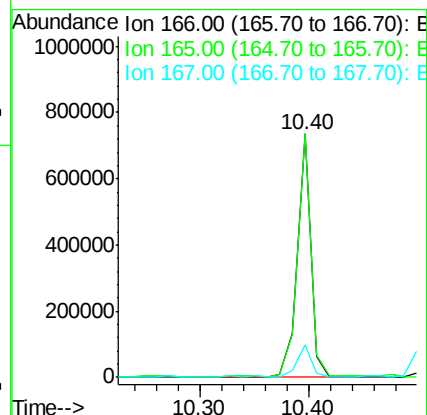
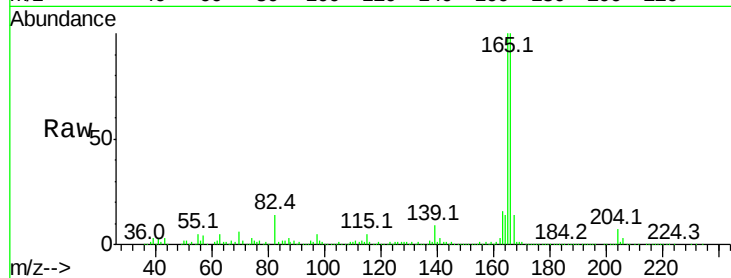
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:	166	Resp:	644055
Ion Ratio	Lower	Upper	
166	100		
165	100.1	77.8	116.8
167	13.5	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.96 ng

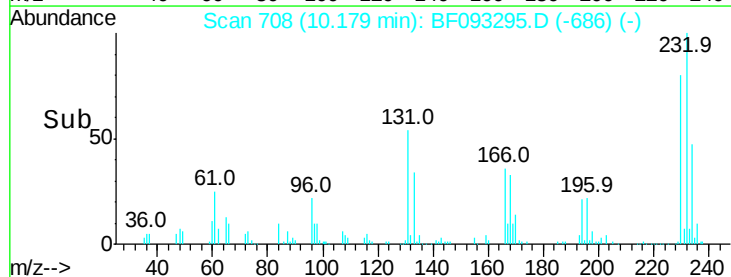
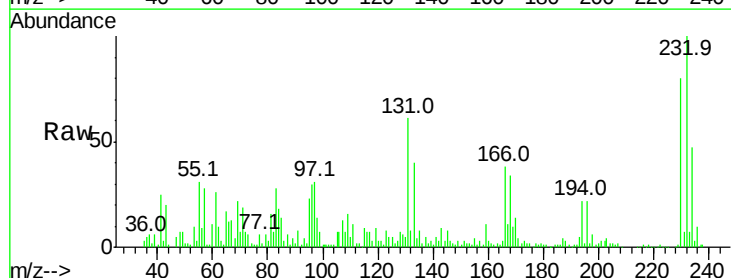
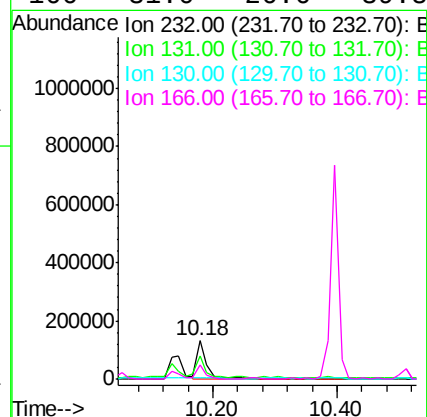
RT: 10.18 min Scan# 708

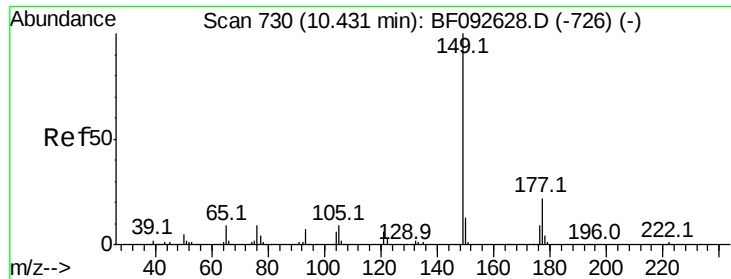
Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	232	Resp:	142551
Ion Ratio	Lower	Upper	
232	100		
131	55.9	40.1	60.1
130	5.8	1.8	2.8#
166	31.0	26.6	39.8





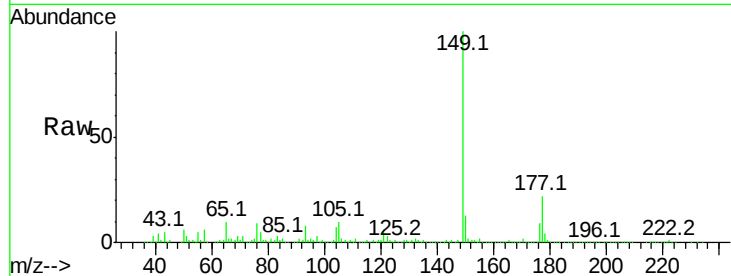
#59
Diethylphthalate
Concen: 46.22 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

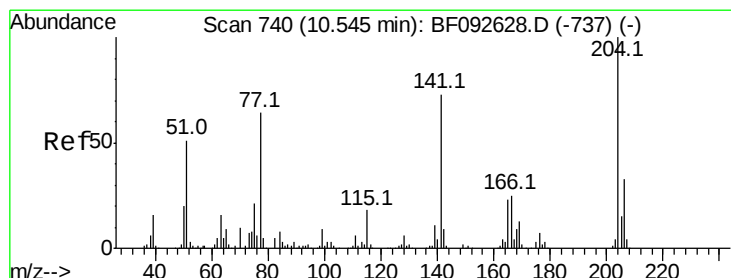
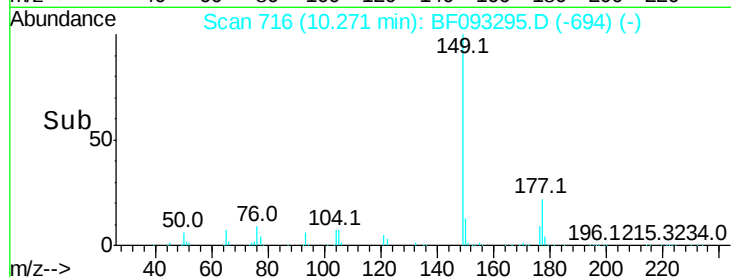
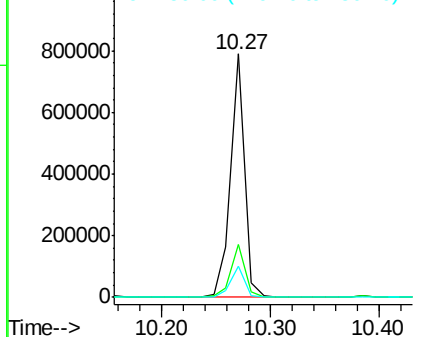
Tot Ion	Ratio	Resp	Lower	Upper
149	100	690015		
177	21.9	16.6	25.0	
150	12.7	10.4	15.6	

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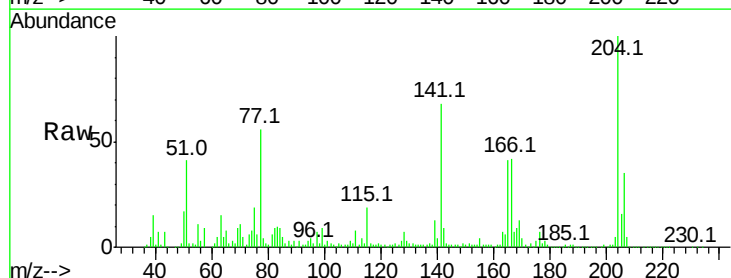


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

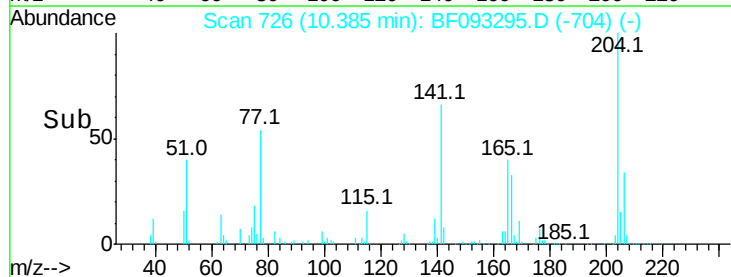
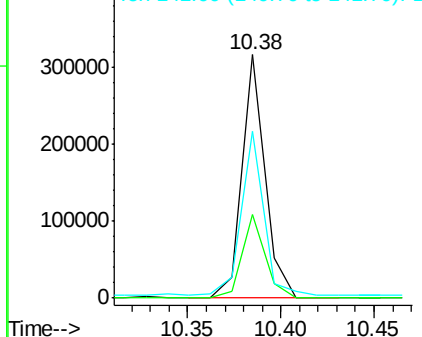


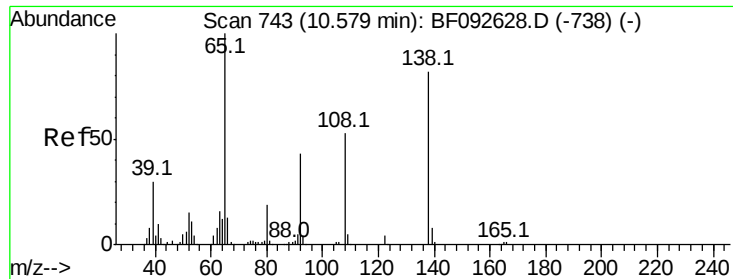
#60
4-Chlorophenyl-phenylether
Concen: 39.87 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	271178		
206	34.6	25.8	38.6	
141	68.4	59.4	89.0	



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





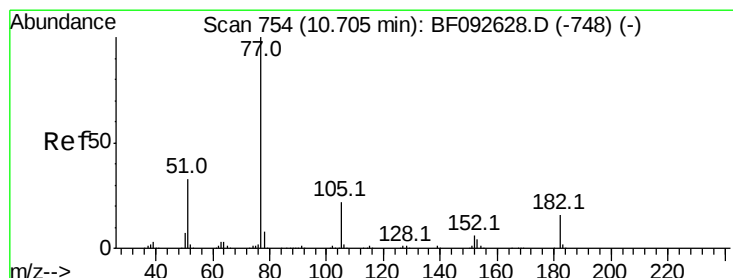
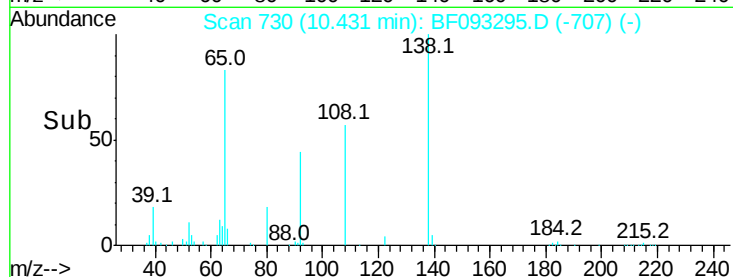
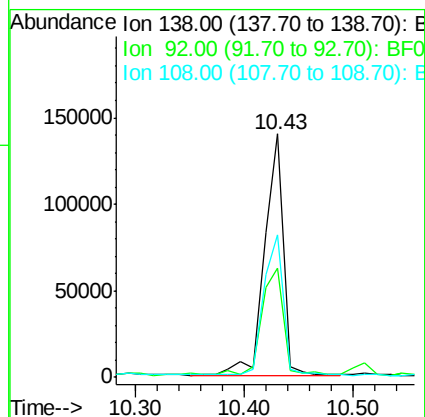
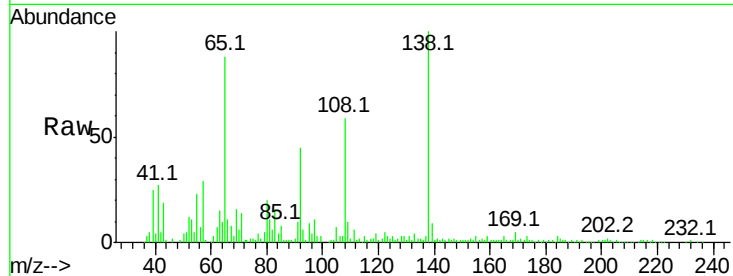
#61
4-Nitroaniline
Concen: 41.89 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	167985		
92	44.8	31.7	71.7	
108	58.7	52.6	92.6	

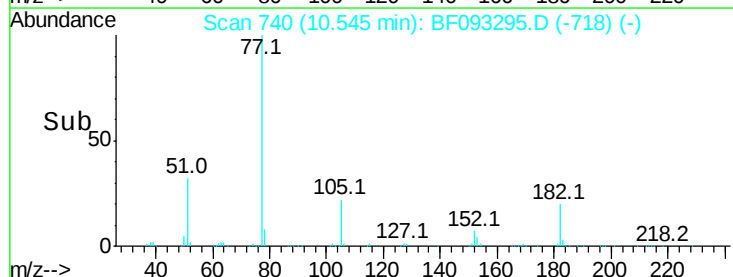
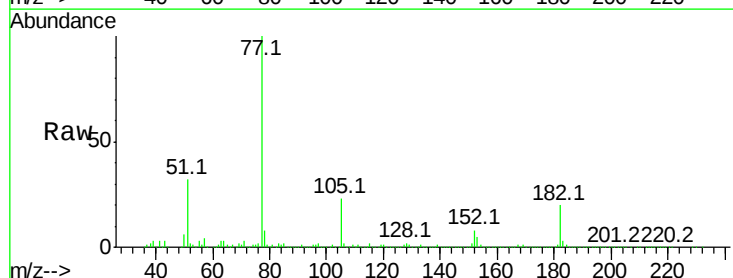
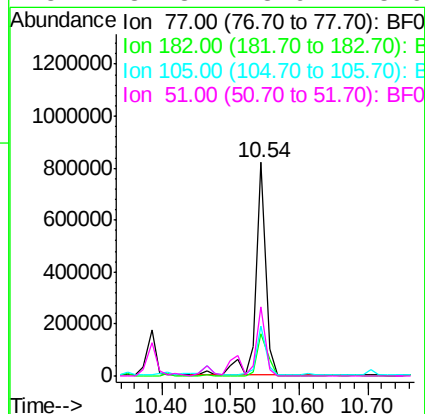
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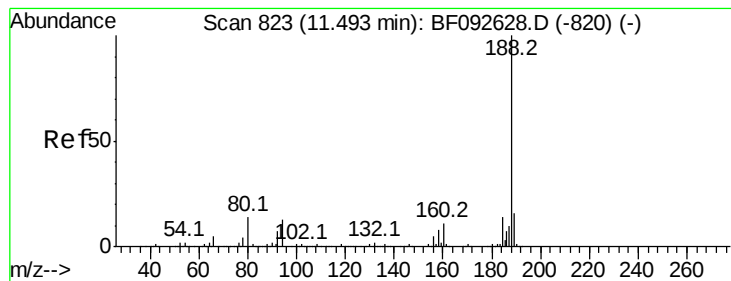
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#62
Azobenzene
Concen: 51.92 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	800794		
182	19.7	0.0	39.3	
105	23.2	2.3	42.3	
51	32.3	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

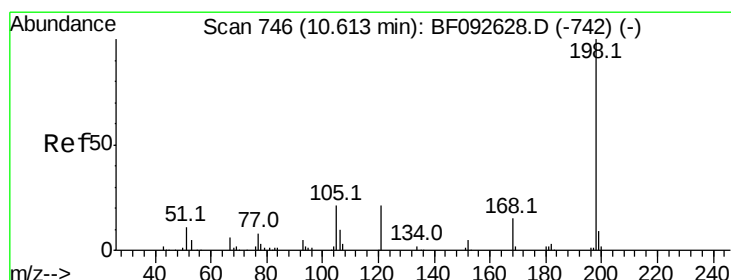
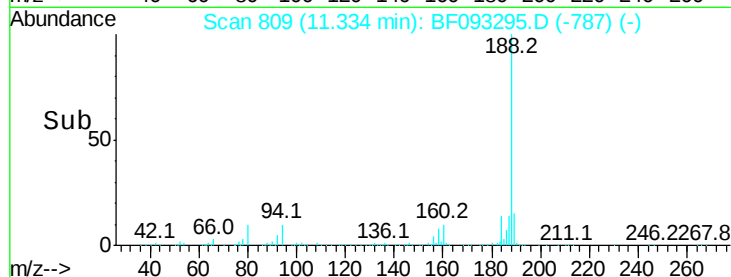
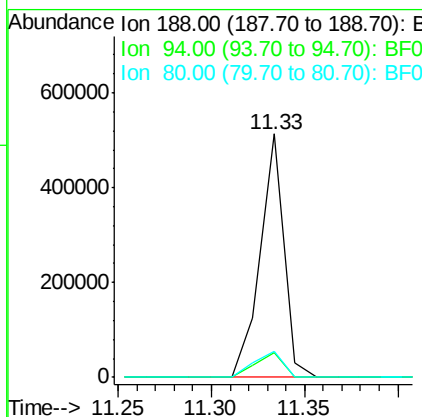
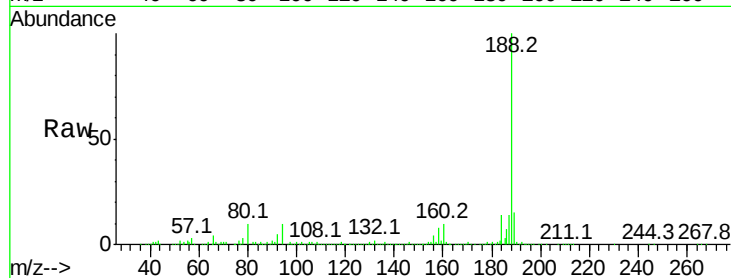
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:	188	Resp:	461435
Ion Ratio	Lower	Upper	
188	100		
94	10.1	10.0	15.0
80	10.4	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 25.40 ng

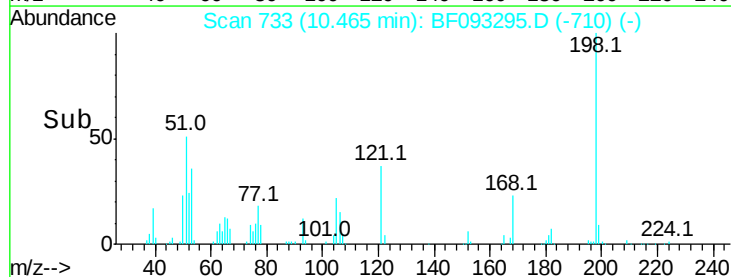
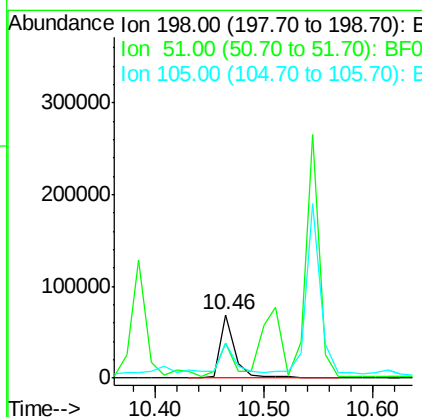
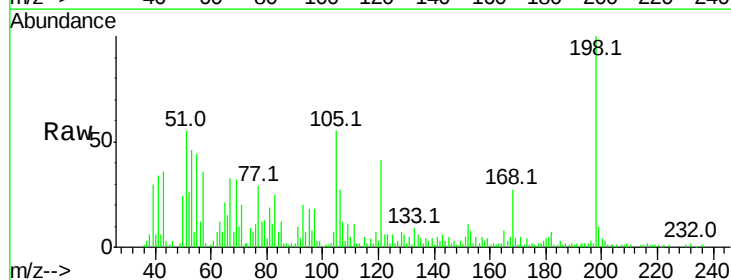
RT: 10.46 min Scan# 733

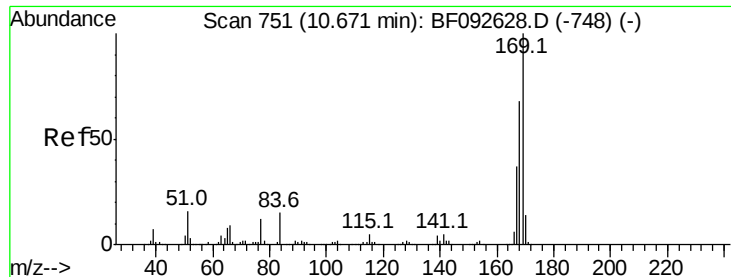
Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	198	Resp:	67607
Ion Ratio	Lower	Upper	
198	100		
51	55.1	6.7	46.7#
105	54.6	16.6	56.6





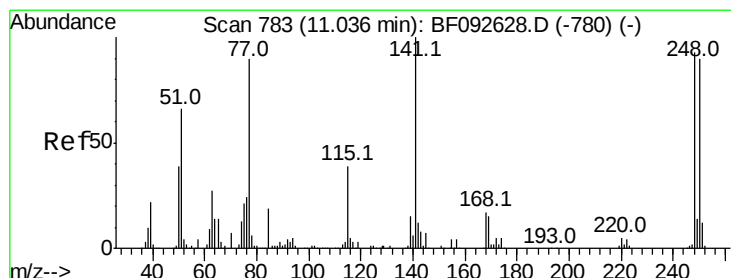
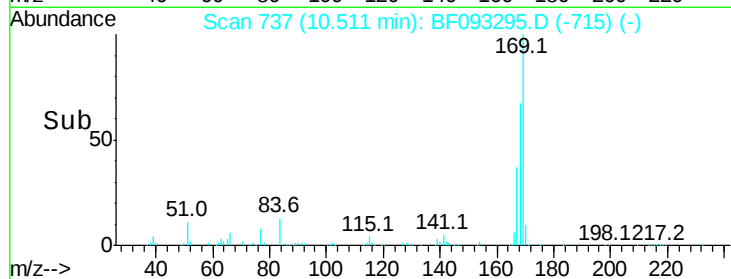
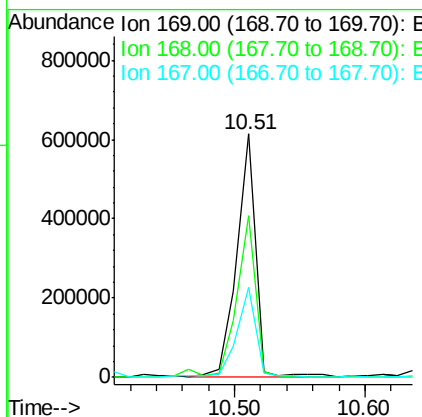
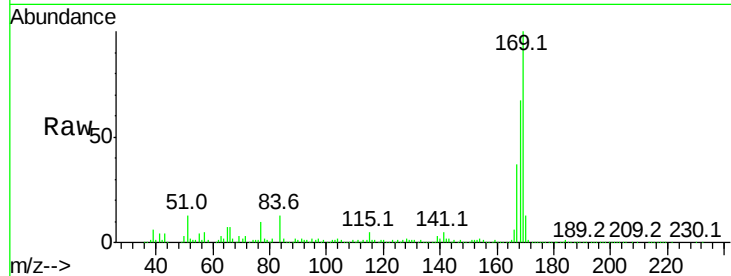
#65
n-Nitrosodiphenylamine
Concen: 41.26 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.2
167	37.0	30.2	45.4

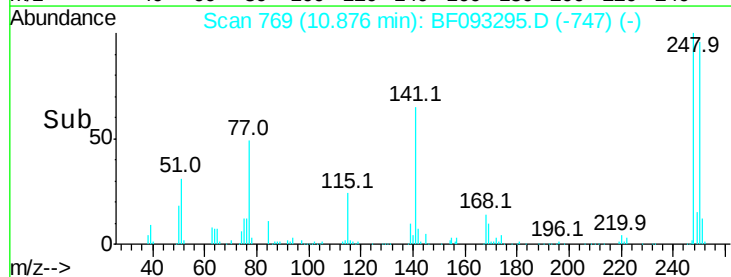
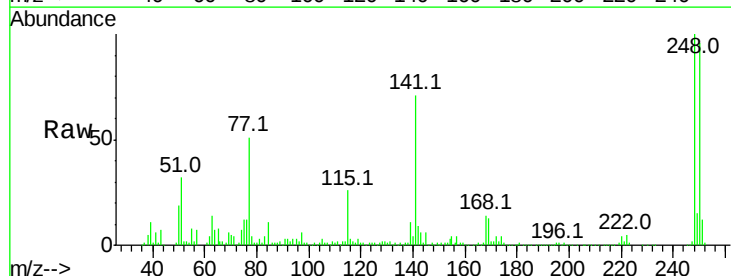
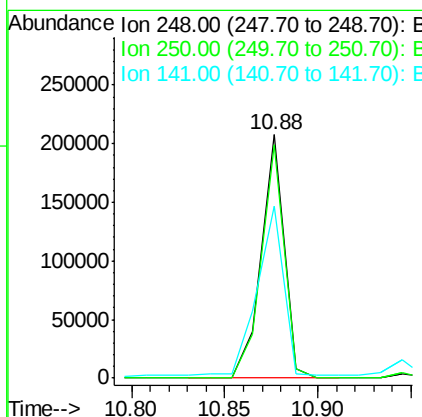
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#66
4-Bromophenyl-phenylether
Concen: 36.50 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	70.6	68.2	102.4





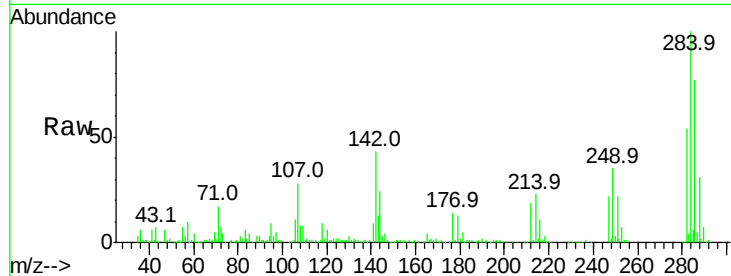
#67
Hexachlorobenzene
Concen: 33.94 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

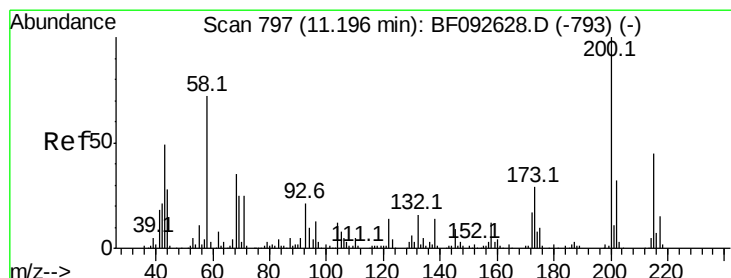
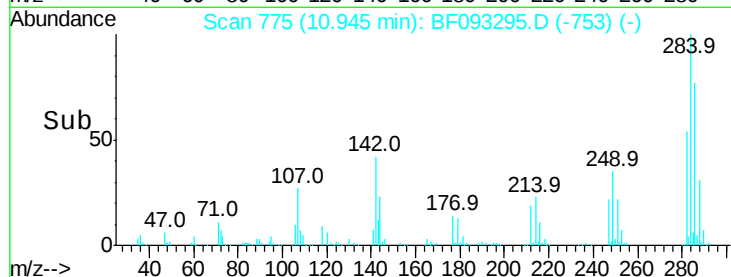
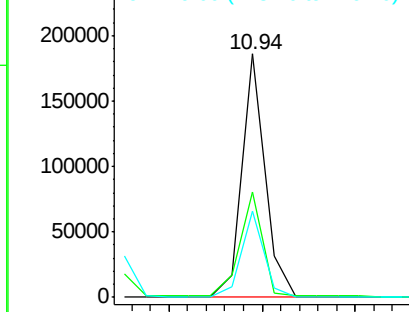
Tot Ion	Ratio	Resp	Lower	Upper
284	100	161705		
142	43.2	22.6	33.8#	
249	35.3	25.4	38.0	

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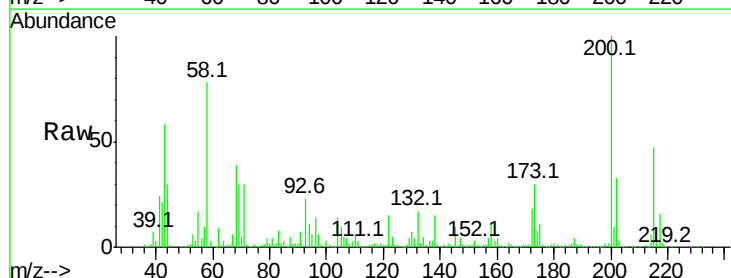


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

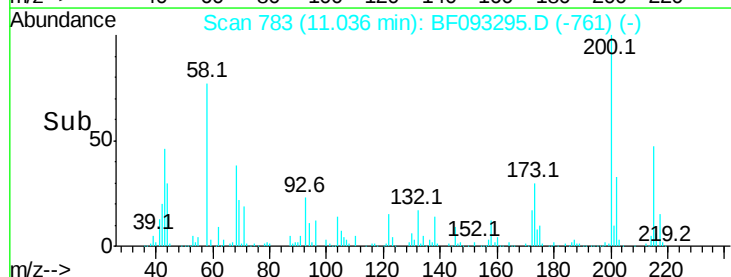
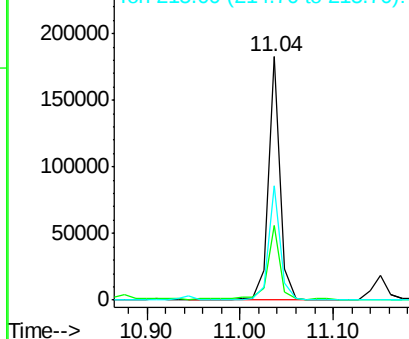


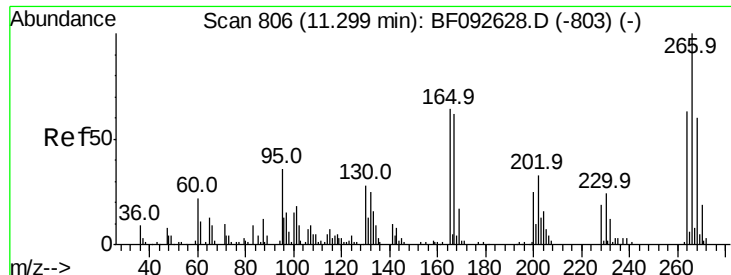
#68
Atrazine
Concen: 34.13 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161432		
173	30.5	9.6	49.6	
215	46.8	25.7	65.7	



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





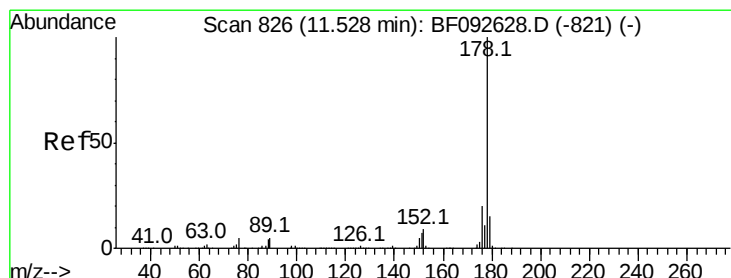
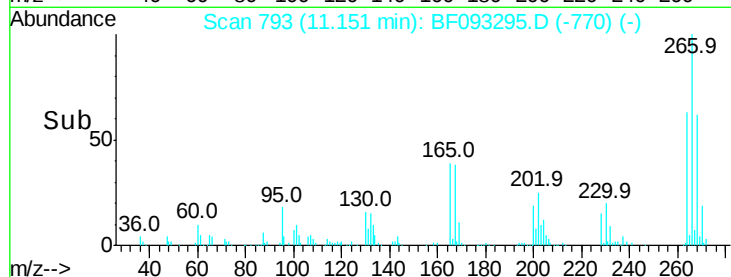
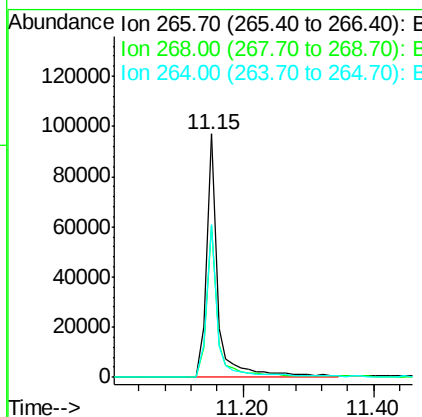
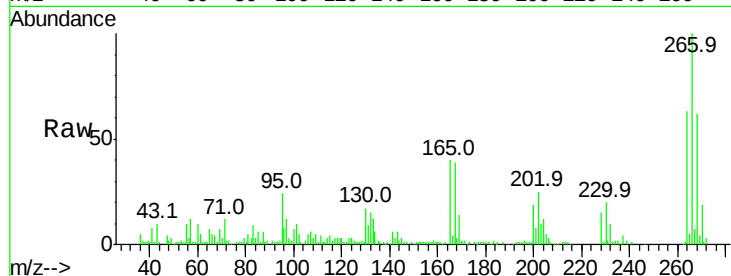
#69
 Pentachlorophenol
 Concen: 50.97 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	118282		
268	62.4	53.3	79.9	
264	62.8	50.3	75.5	

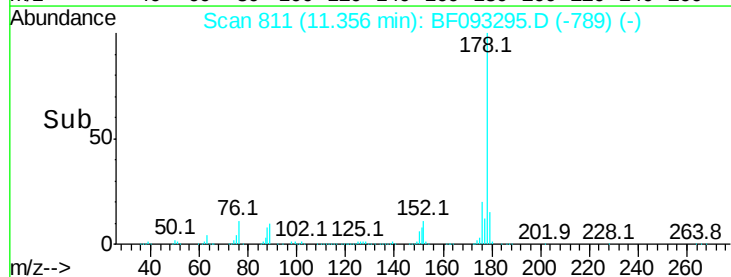
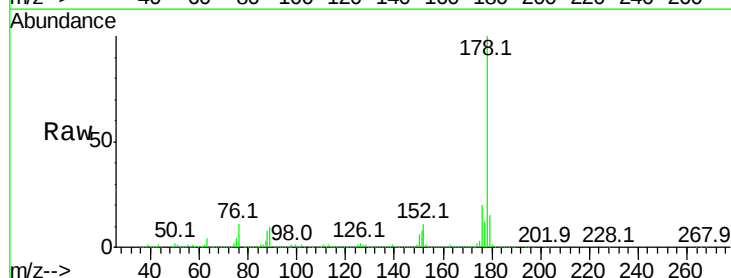
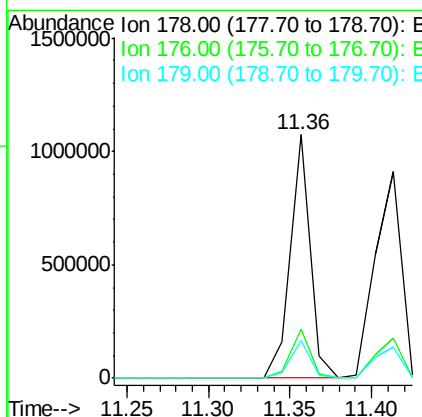
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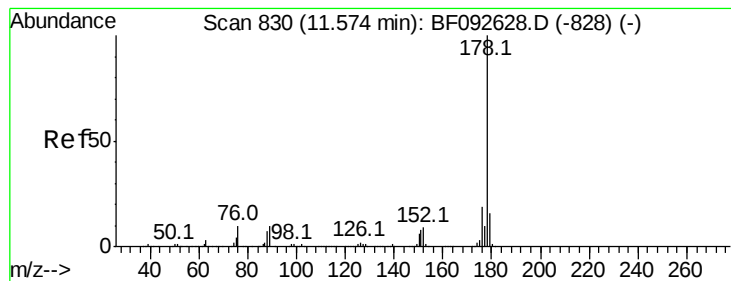
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#70
 Phenanthrene
 Concen: 34.73 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	918264		
176	20.3	16.6	25.0	
179	15.5	12.8	19.2	





#71

Anthracene

Concen: 38.67 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:178 Resp: 1026616

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

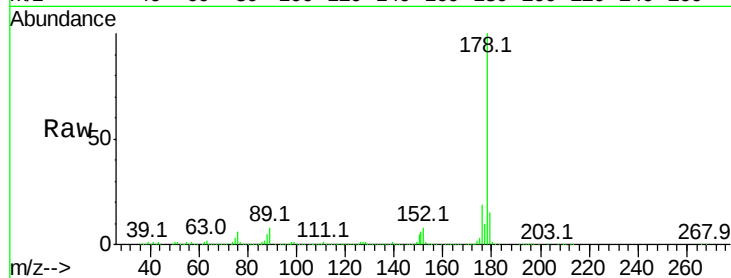
179 15.3 13.2 19.8

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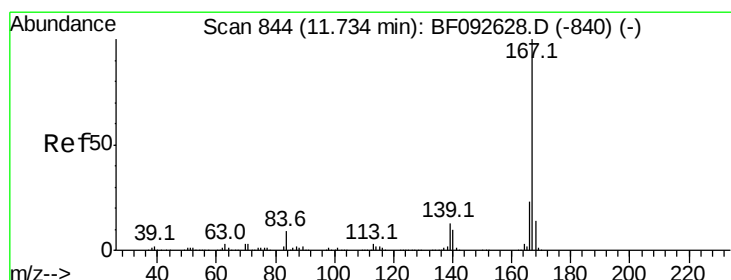
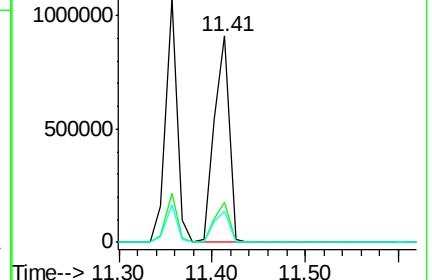
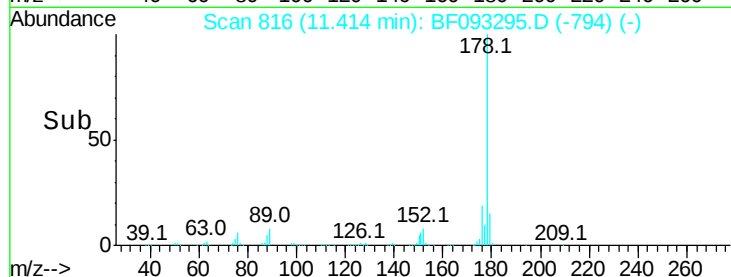
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.11 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

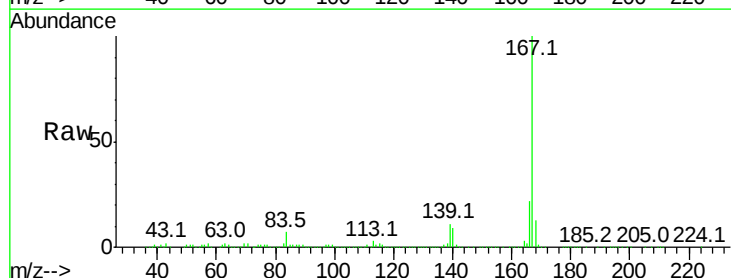
Tgt Ion:167 Resp: 916440

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

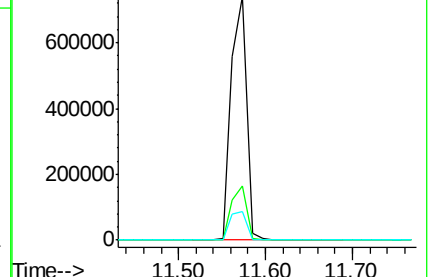
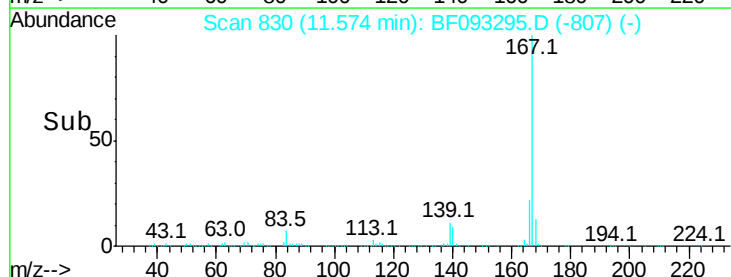
139 11.5 11.4 17.2

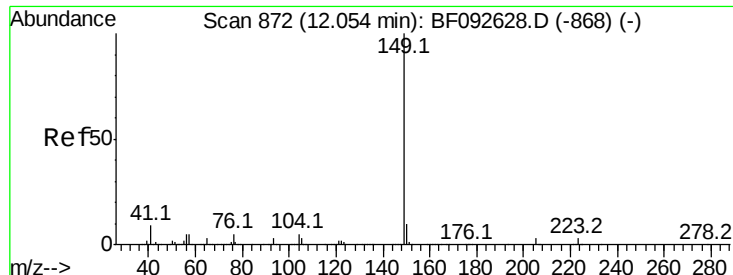


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.75 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion:149 Resp: 1118496

Ion Ratio Lower Upper

149 100

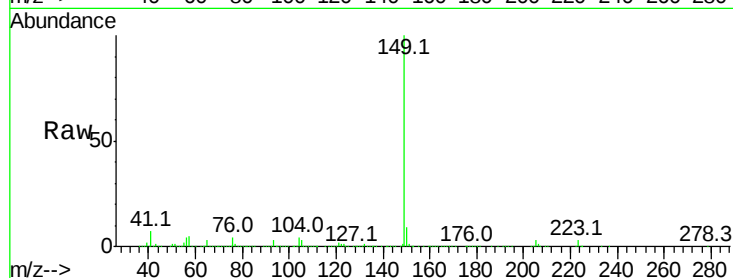
150 9.2 8.1 12.1

104 4.2 4.6 7.0#

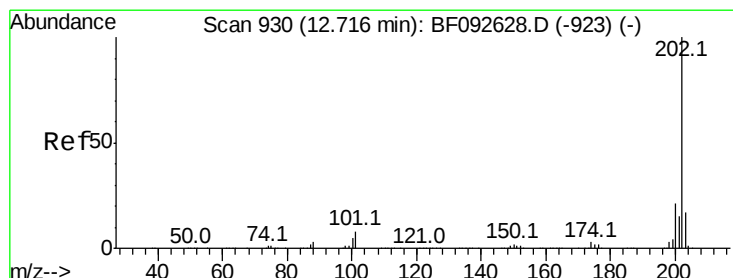
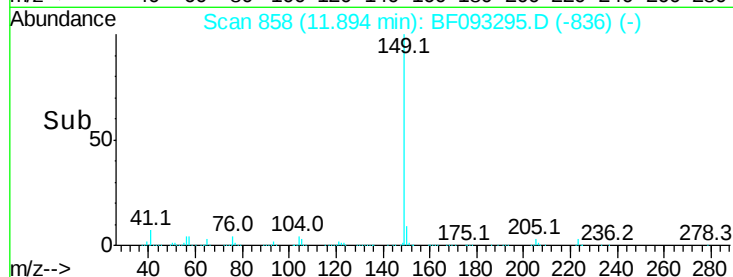
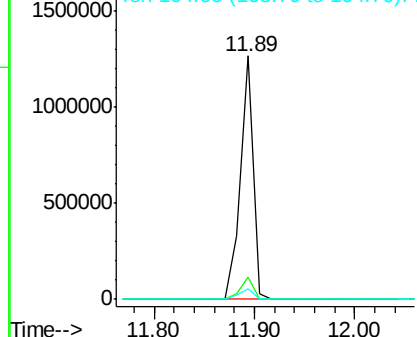
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.54 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

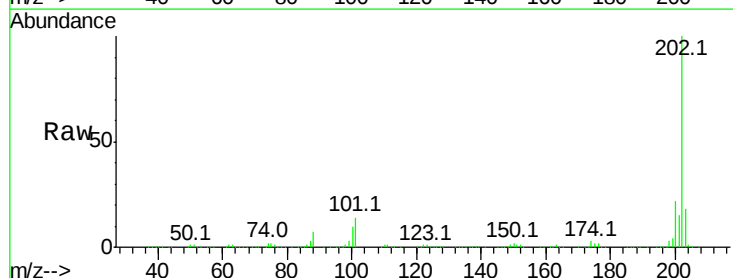
Tgt Ion:202 Resp: 914727

Ion Ratio Lower Upper

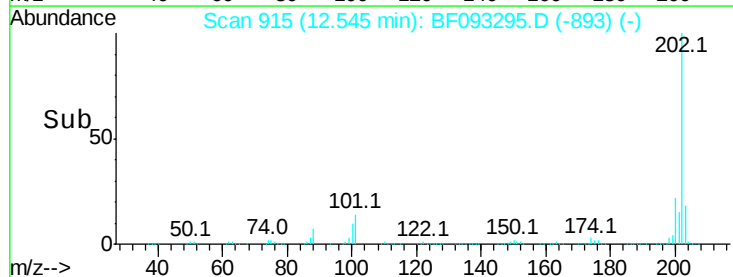
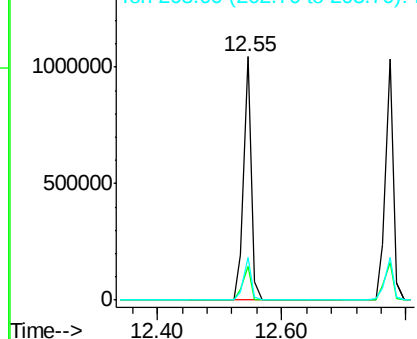
202 100

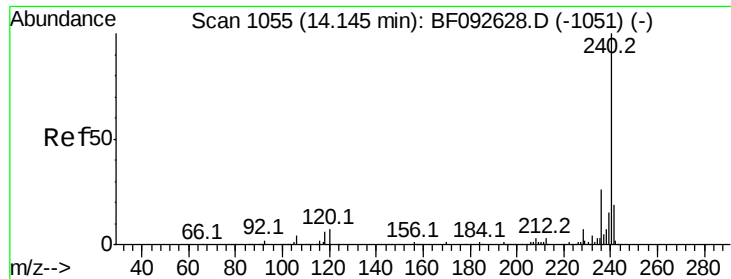
101 13.7 0.0 34.6

203 17.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

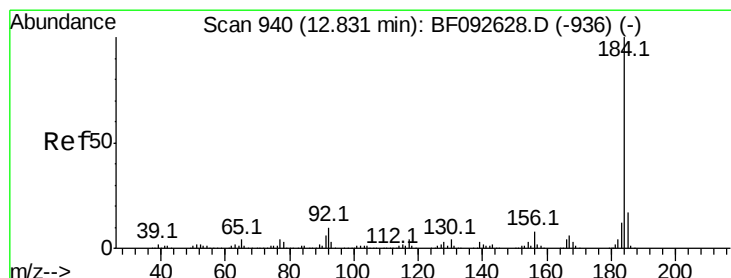
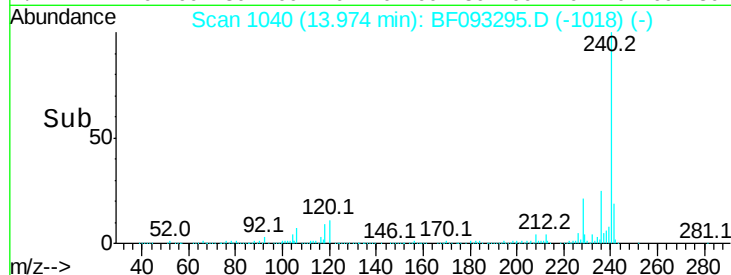
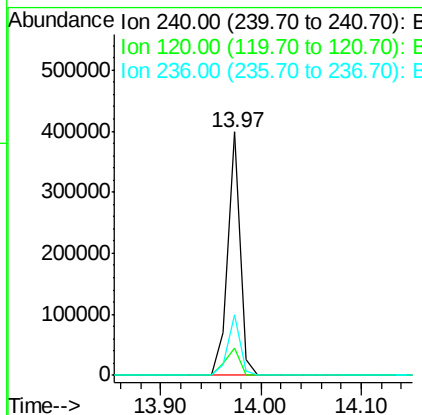
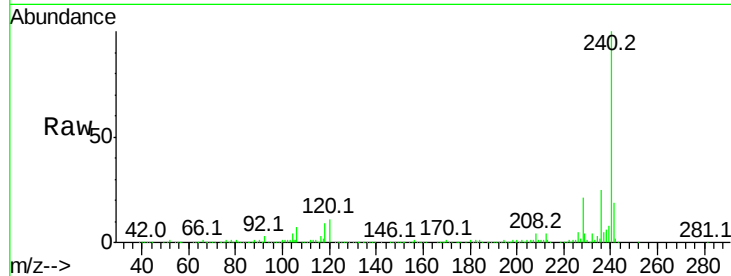
ClientSampleId :

SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	12.9	19.3#
236	25.1	20.9	31.3

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#76

Benzidine

Concen: 17.58 ng

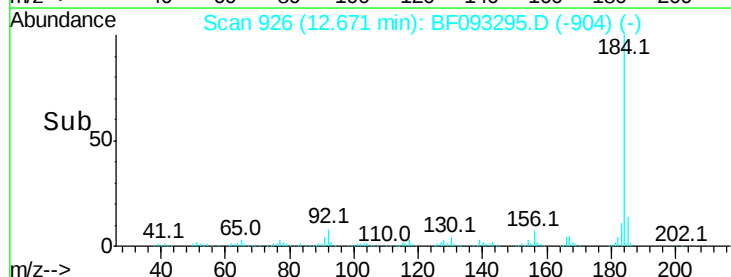
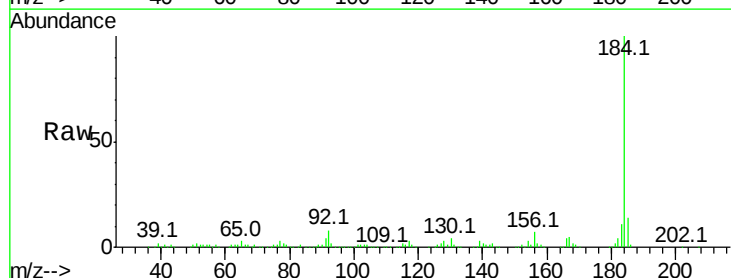
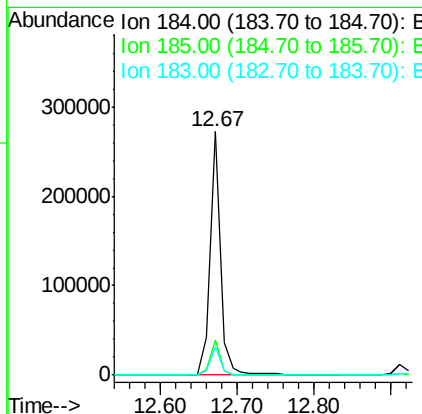
RT: 12.67 min Scan# 926

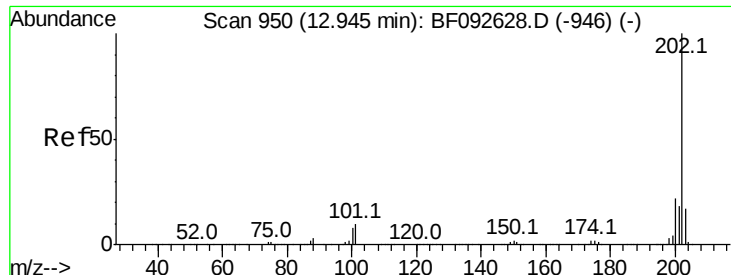
Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	11.5	9.2	13.8





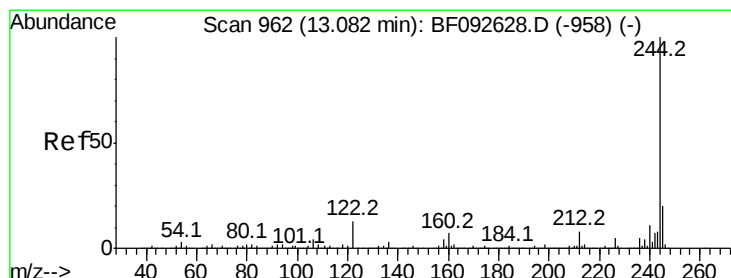
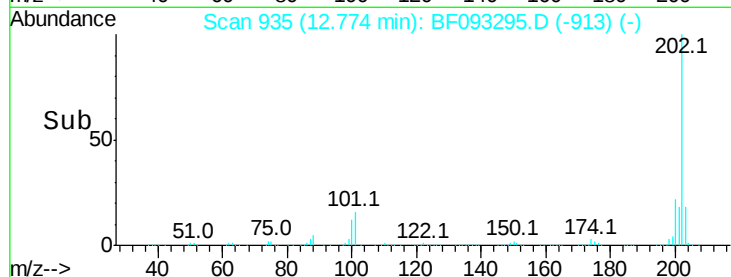
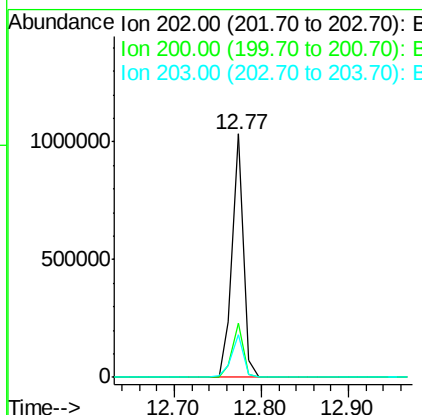
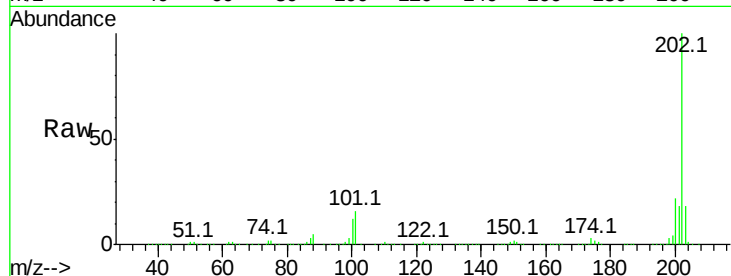
#77
Pvrene
Concen: 36.34 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.6	14.7	22.1

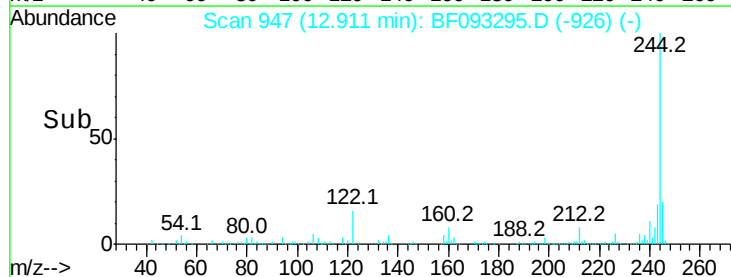
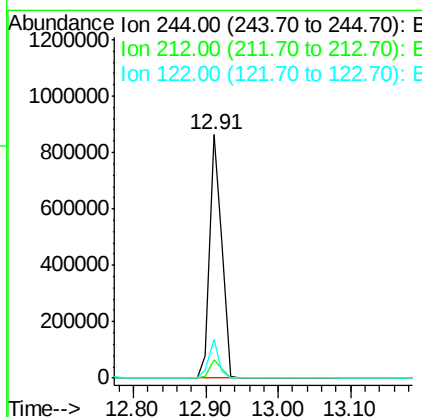
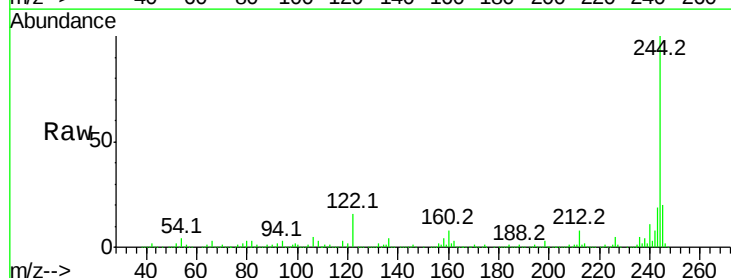
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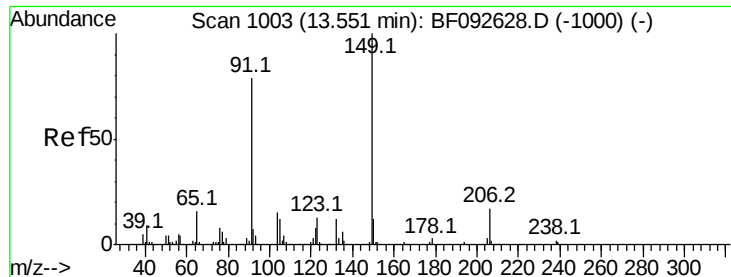
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#78
Terphenyl-d14
Concen: 68.12 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.9	11.4	17.2





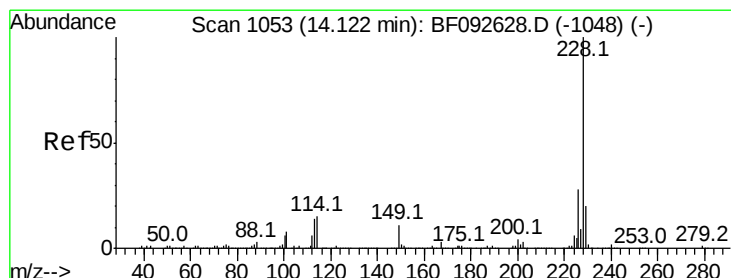
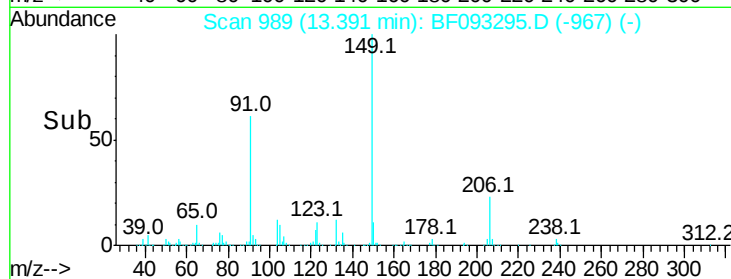
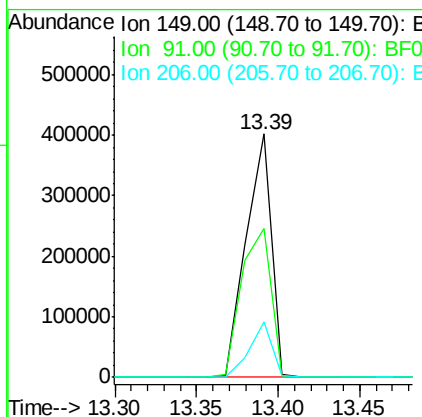
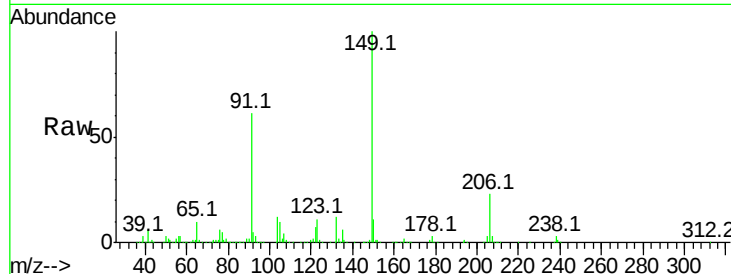
#79
Butylbenzylphthalate
Concen: 41.75 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	63.9	95.9#
206	22.9	14.6	21.8#

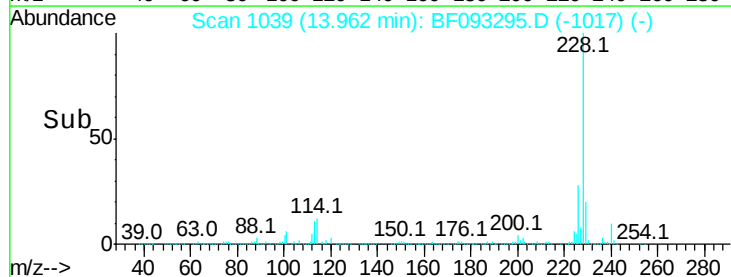
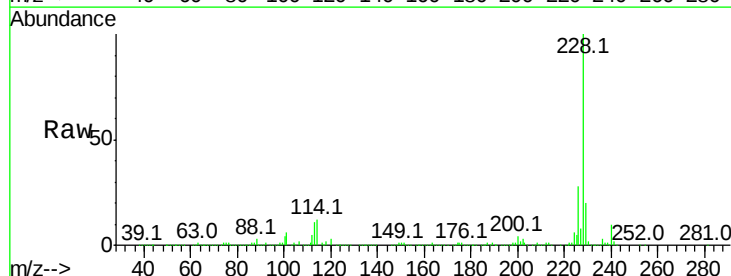
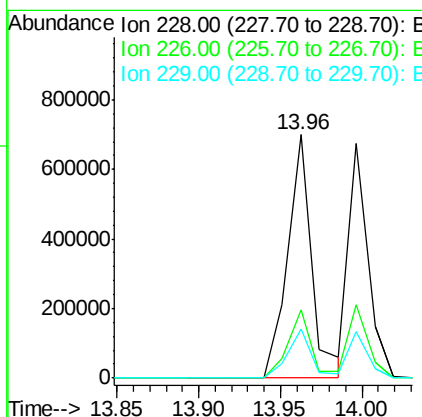
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#80
Benzo(a)anthracene
Concen: 34.67 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4





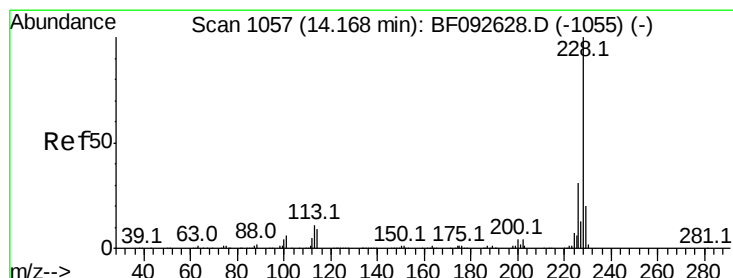
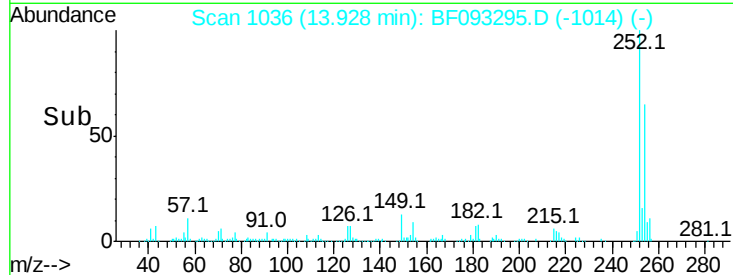
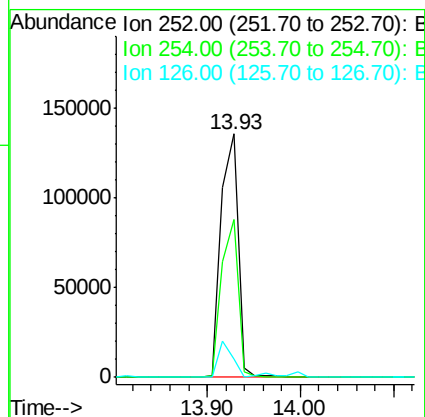
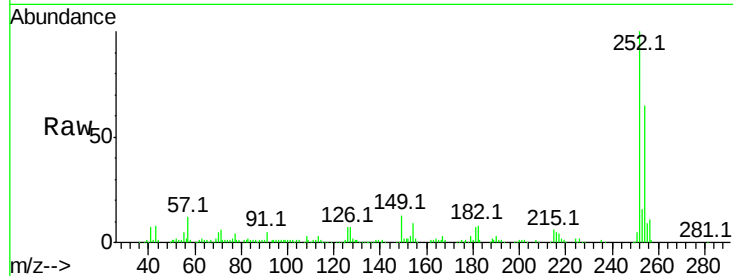
#81
 3,3'-Dichlorobenzidine
 Concen: 23.13 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	7.4	13.6	20.4

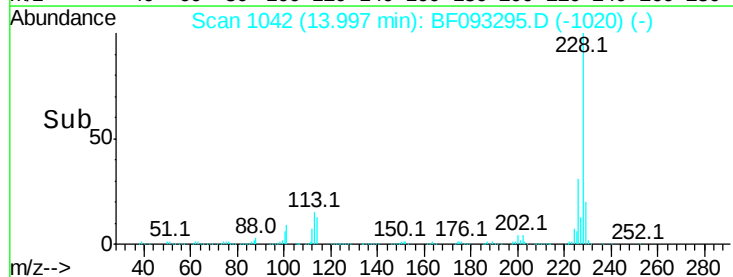
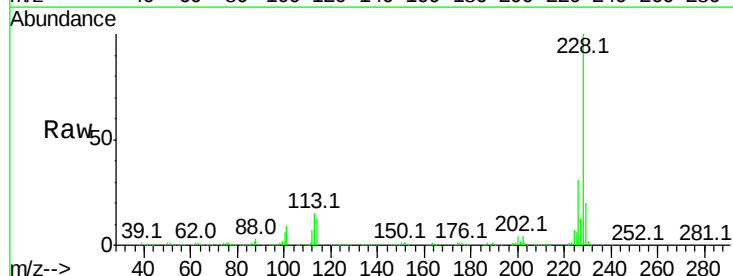
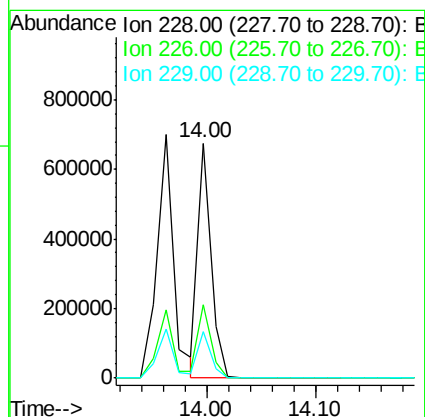
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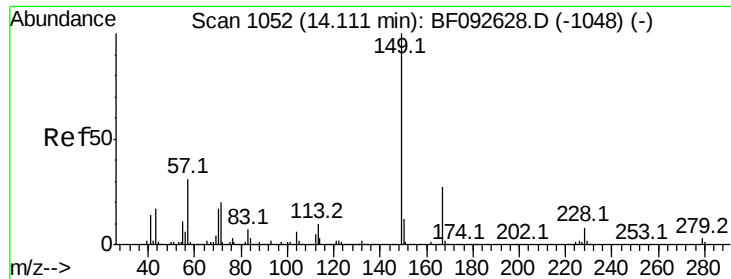
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#82
 Chrysene
 Concen: 29.26 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.0	16.2	24.2





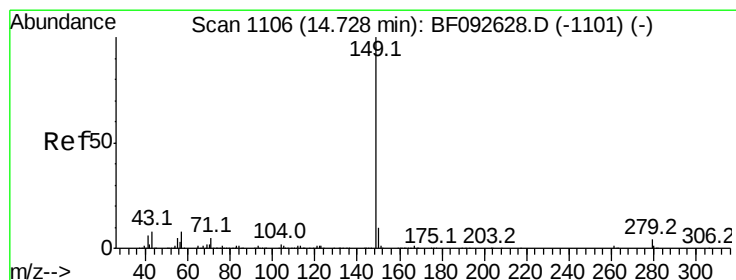
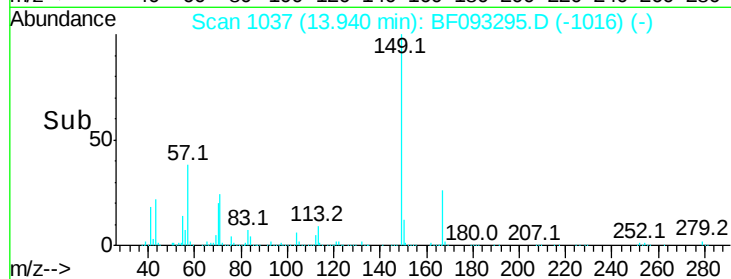
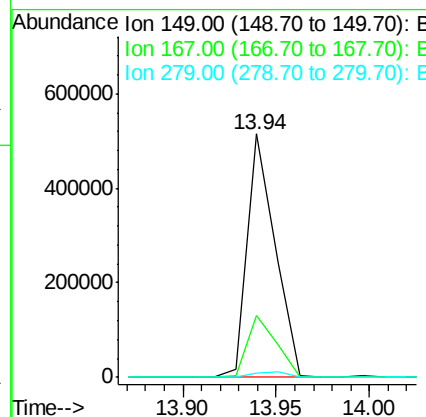
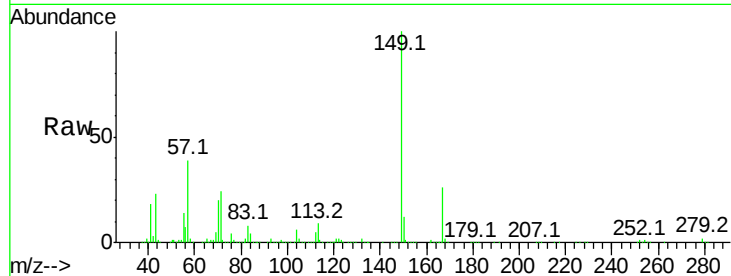
#83
Bis(2-ethylhexyl)phthalate
Concen: 37.74 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	535705		
167	25.5	20.2	30.4	
279	1.9	1.8	2.8	

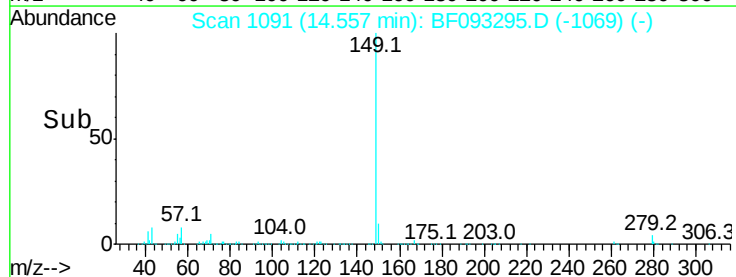
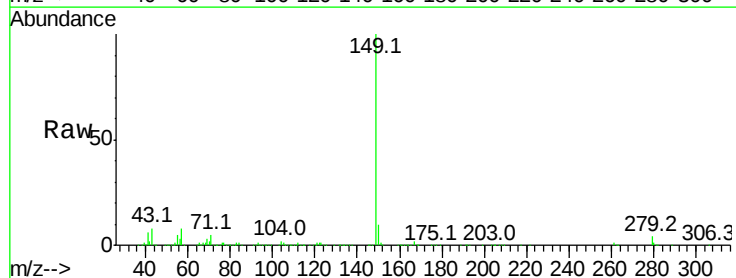
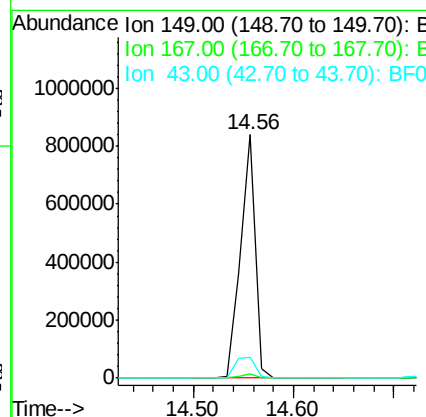
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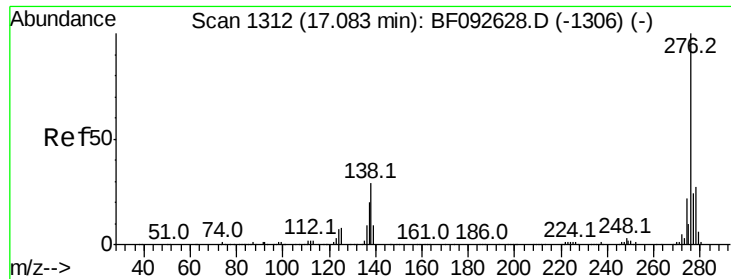
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#84
Di-n-octyl phthalate
Concen: 36.74 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	849442		
167	1.6	1.3	1.9	
43	11.0	8.9	13.3	





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.86 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA_F

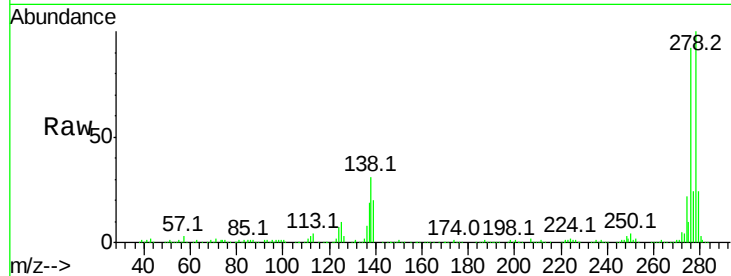
ClientSampleId :

SSP-8(3.5-5.5)MS

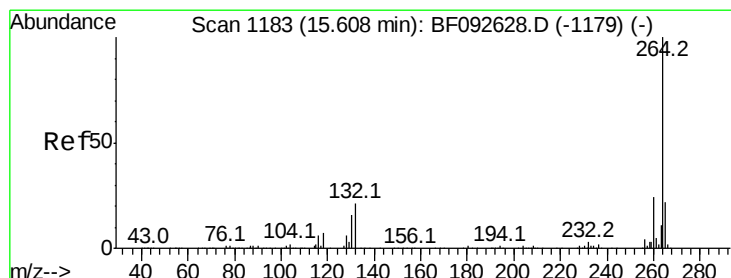
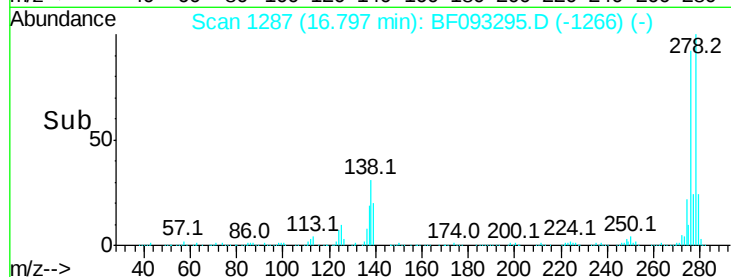
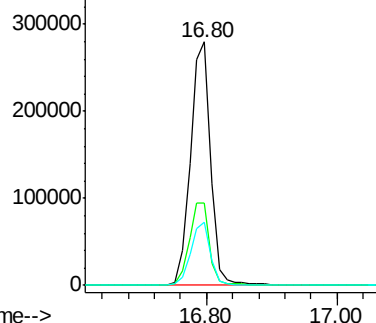
Tot Ion:	276	Resp:	603962
Ion Ratio	Lower	Upper	
276	100		
138	34.4	21.8	32.6#
277	25.4	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

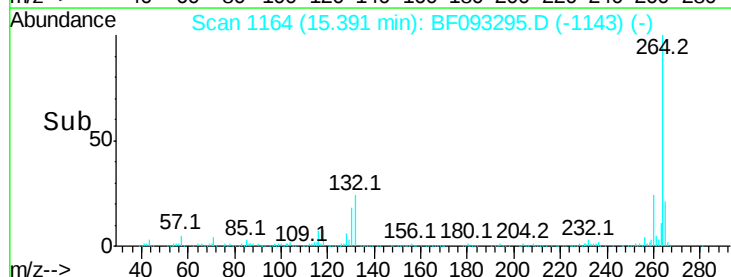
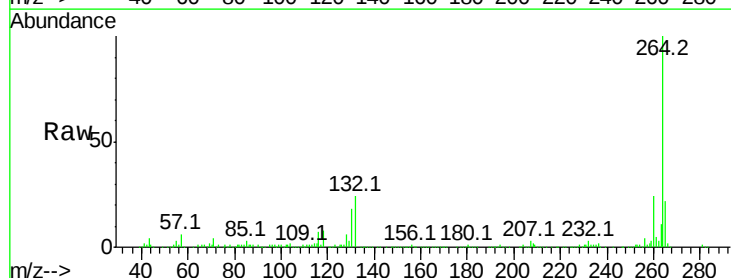
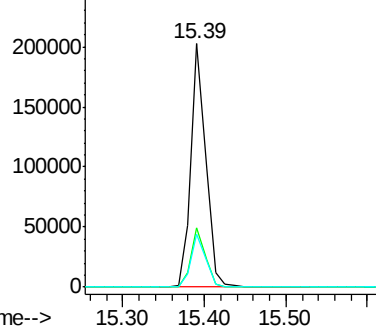
Delta R.T. -0.06 min

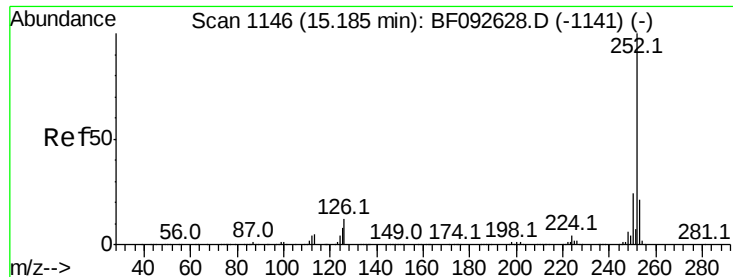
Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:	264	Resp:	255014
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.5	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





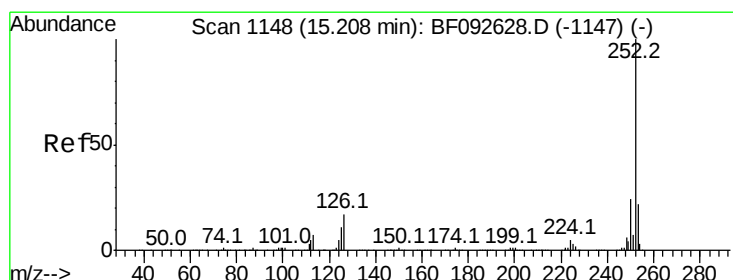
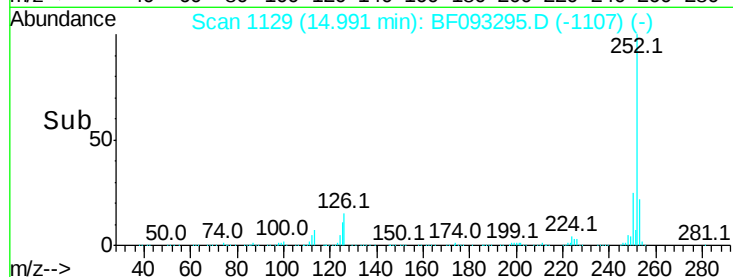
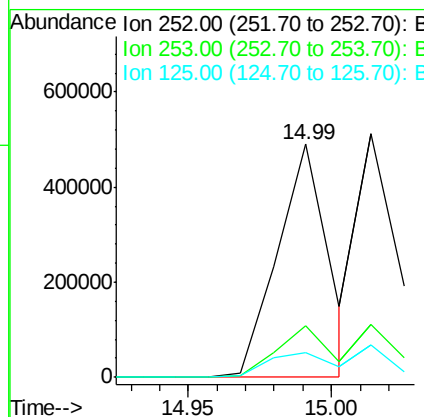
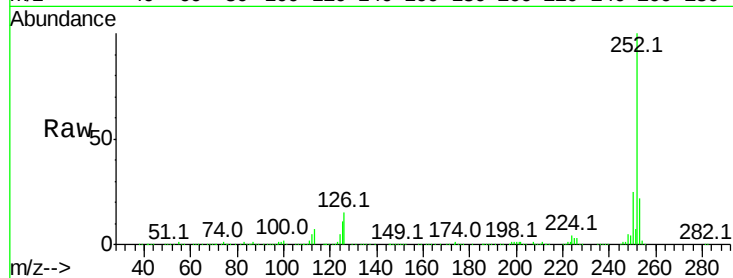
#87
Benzo(b)fluoranthene
Concen: 36.00 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.7	9.8	14.6

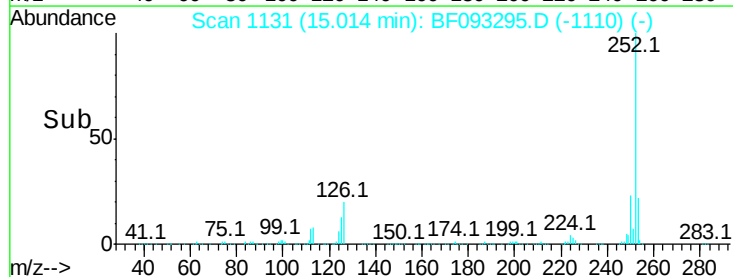
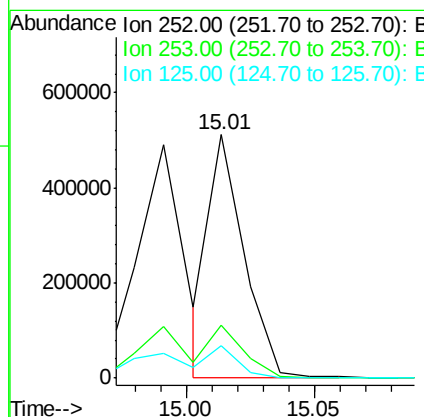
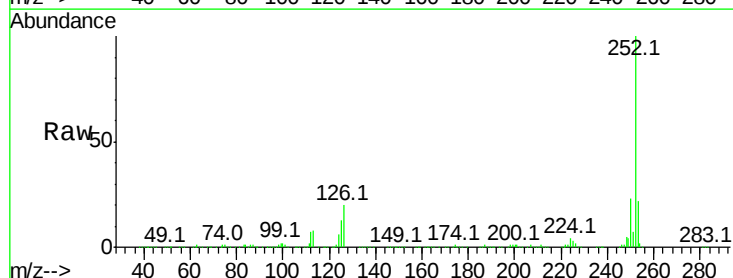
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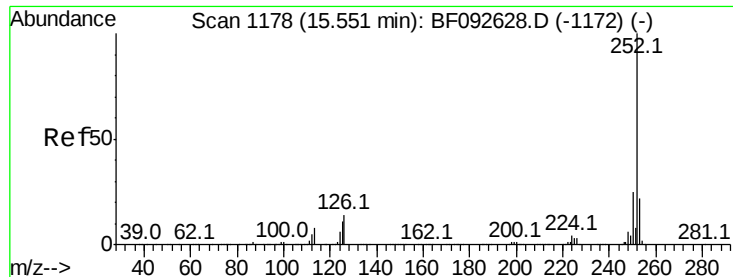
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#88
Benzo(k)fluoranthene
Concen: 34.26 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	13.5	8.9	13.3#





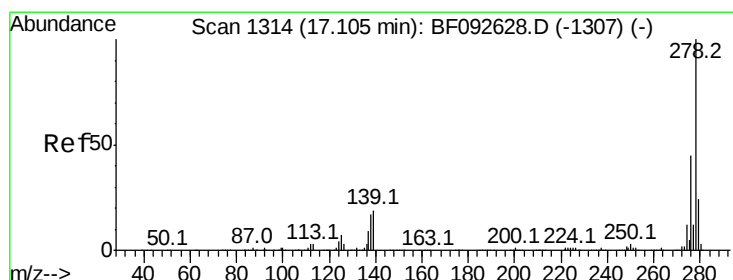
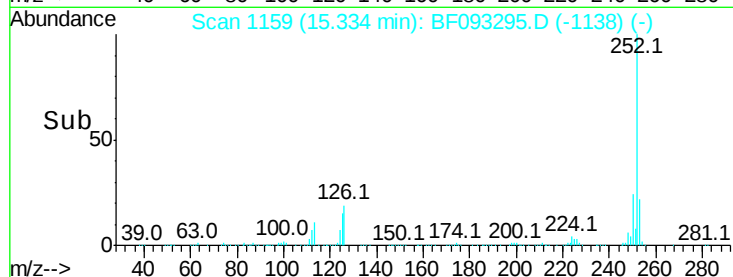
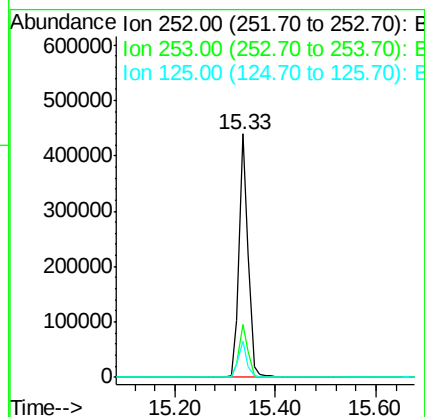
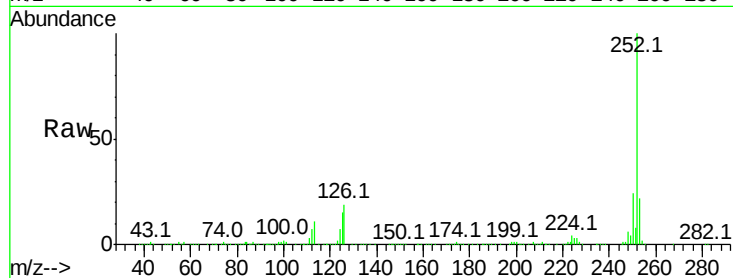
#89
Benzo(a)pyrene
Concen: 38.07 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	14.8	10.0	15.0

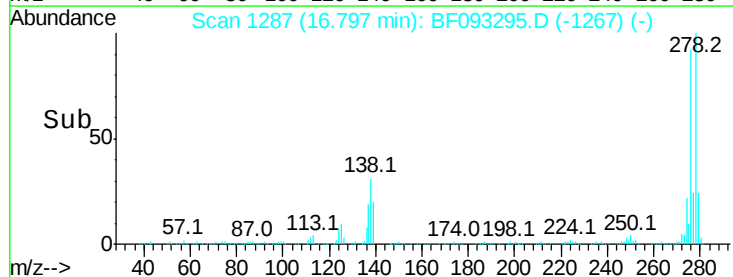
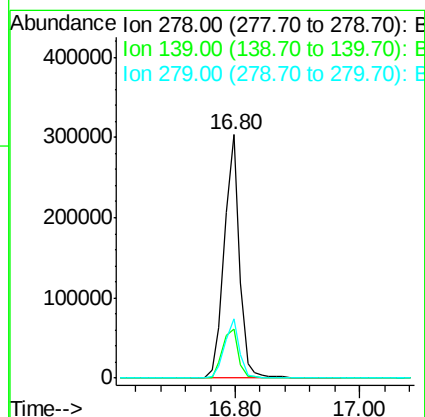
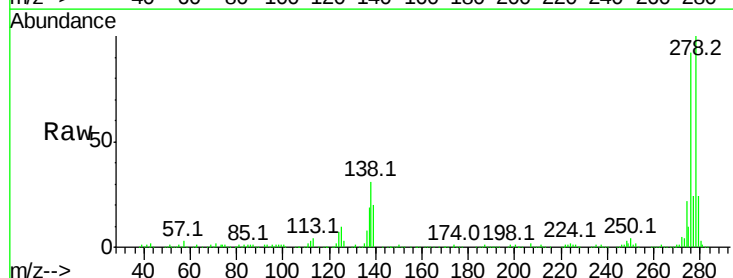
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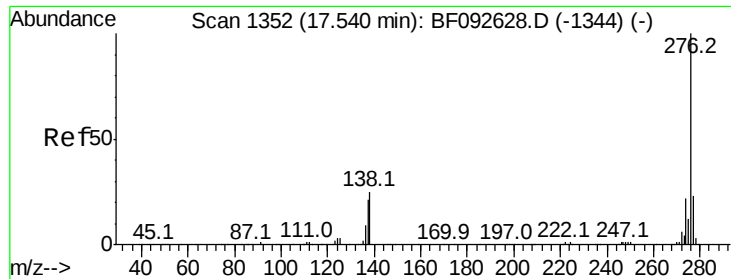
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#90
Dibenzo(a,h)anthracene
Concen: 43.39 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BF093295.D
Acq: 1 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.8	22.2
279	24.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.54 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.08 min
 Lab File: BF093295.D
 Acq: 1 Mar 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	19.2	28.8
138	28.5	16.0	24.0

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