

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091574.D
 Acq On : 14 Dec 2016 2:25
 Operator : UM/SJ
 Sample : H5922-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Manual Integrations
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Quant Time: Dec 14 04:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	309440	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1216015	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	572855	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	854646	20.00	ng	0.00
75) Chrysene-d12	13.96	240	508988	20.00	ng	0.00
86) Perylene-d12	15.38	264	626043	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1861651	101.36	ng	0.02
7) Phenol-d6	6.46	99	2222462	97.06	ng	0.01
23) Nitrobenzene-d5	7.38	82	1389378	63.77	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	630654	132.54	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2402091	72.45	ng	0.00
78) Terphenyl-d14	12.92	244	2258301	100.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	270686	27.92	ng	# 70
3) Pyridine	3.21	79	760101	29.43	ng	# 84
4) n-Nitrosodimethylamine	3.15	42	354838	31.98	ng	# 58
6) Aniline	6.48	93	439403	14.64	ng	# 40
8) 2-Chlorophenol	6.60	128	706585	34.08	ng	94
9) Benzaldehyde	6.36	77	98487m	6.25	ng	
10) Phenol	6.48	94	795334	29.71	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	757432	37.66	ng	85
12) 1,3-Dichlorobenzene	6.75	146	681649m	30.32	ng	
13) 1,4-Dichlorobenzene	6.83	146	711765	32.10	ng	97
14) 1,2-Dichlorobenzene	6.99	146	683589m	34.21	ng	
15) Benzyl Alcohol	6.96	79	605783	33.51	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1069970	34.33	ng	82
17) 2-Methylphenol	7.08	107	592994	34.57	ng	# 76
18) Hexachloroethane	7.33	117	260194	30.07	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	483052	33.74	ng	# 83
20) 3+4-Methylphenols	7.23	107	687592	36.53	ng	# 56
22) Acetophenone	7.23	105	1014518	34.82	ng	97
24) Nitrobenzene	7.40	77	850279	36.94	ng	# 82
25) Isophorone	7.64	82	1468216	37.91	ng	99
26) 2-Nitrophenol	7.72	139	374017	36.81	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	641400	35.94	ng	90
28) bis(2-Chloroethoxy)methane	7.86	93	897682	39.51	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	581190	37.43	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	590582	33.47	ng	99
31) Naphthalene	8.12	128	1950093	34.47	ng	99
32) Benzoic acid	7.88	122	418825	34.27	ng	91
33) 4-Chloroaniline	8.17	127	204114	8.37	ng	97
34) Hexachlorobutadiene	8.25	225	335141	33.13	ng	99
35) Caprolactam	8.54	113	202138m	44.58	ng	
36) 4-Chloro-3-methylphenol	8.67	107	676673	38.86	ng	# 82
37) 2-Methylnaphthalene	8.82	142	1310658	35.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	529019	33.67	ng	98
40) Hexachlorocyclopentadiene	8.97	237	403674	57.63	ng	100

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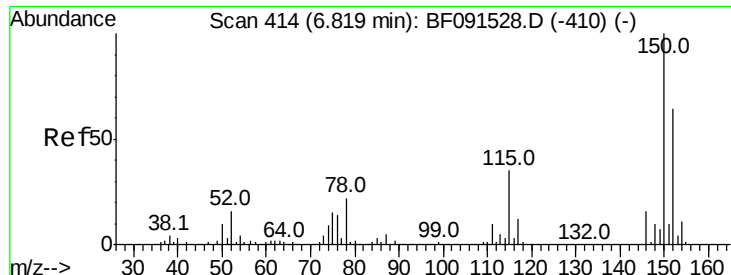
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	406225	40.24	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	418438	40.33	nq	# 86
45) 1,1'-Biphenyl	9.28	154	1533175	36.95	nq	98
46) 2-Chloronaphthalene	9.30	162	1171323	36.46	nq	99
47) 2-Nitroaniline	9.40	65	454847	42.10	nq	# 81
48) Acenaphthylene	9.71	152	1898030	38.75	nq	99
49) Dimethylphthalate	9.58	163	1679812	46.31	nq	99
50) 2,6-Dinitrotoluene	9.64	165	374704	47.07	nq	# 82
51) Acenaphthene	9.88	154	1283713	37.74	nq	97
52) 3-Nitroaniline	9.80	138	154862	16.56	nq	94
53) 2,4-Dinitrophenol	9.92	184	237101	57.94	nq	# 75
54) Dibenzofuran	10.06	168	1746167	41.49	nq	90
55) 4-Nitrophenol	9.98	139	599515	86.16	nq	# 64
56) 2,4-Dinitrotoluene	10.04	165	463197	46.42	nq	# 68
57) Fluorene	10.40	166	1241081	40.80	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	366375	45.11	nq	94
59) Diethylphthalate	10.28	149	1600667	45.83	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	635503	41.99	nq	# 91
61) 4-Nitroaniline	10.42	138	322113	34.66	nq	95
62) Azobenzene	10.56	77	1791454	45.26	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	175930	34.76	nq	# 33
65) n-Nitrosodiphenylamine	10.51	169	1207964	47.41	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	412437	47.07	nq	# 76
67) Hexachlorobenzene	10.94	284	400983	44.01	nq	# 76
68) Atrazine	11.05	200	436445	53.27	nq	95
69) Pentachlorophenol	11.14	266	424348	82.76	nq	96
70) Phenanthrene	11.36	178	1863809	44.04	nq	99
71) Anthracene	11.41	178	2115317	46.34	nq	100
72) Carbazole	11.56	167	1642042	41.04	nq	99
73) Di-n-butylphthalate	11.90	149	2361252	50.65	nq	99
74) Fluoranthene	12.54	202	1857741	41.92	nq	99
76) Benzidine	12.66	184	545852	34.68	nq	98
77) Pyrene	12.77	202	1896911	46.98	nq	99
79) Butylbenzylphthalate	13.39	149	824164	52.36	nq	91
80) Benzo(a)anthracene	13.95	228	1398481	47.31	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	312411	29.43	nq	# 98
82) Chrysene	14.00	228	1452220	46.96	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1034429	51.22	nq	# 99
84) Di-n-octyl phthalate	14.57	149	1945176	56.75	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1882475	67.64	nq	98
87) Benzo(b)fluoranthene	14.98	252	1707940m	45.76	nq	
88) Benzo(k)fluoranthene	15.00	252	1393143m	42.46	nq	
89) Benzo(a)pyrene	15.32	252	1565494	46.56	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	1522235	50.54	nq	97
91) Benzo(g,h,i)perylene	17.17	276	1565761	51.08	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

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Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

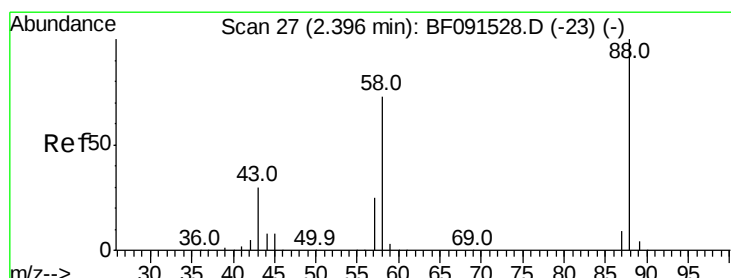
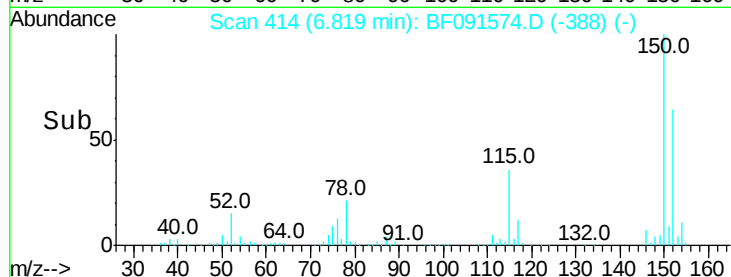
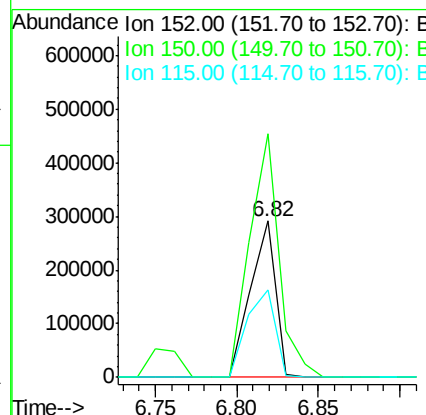
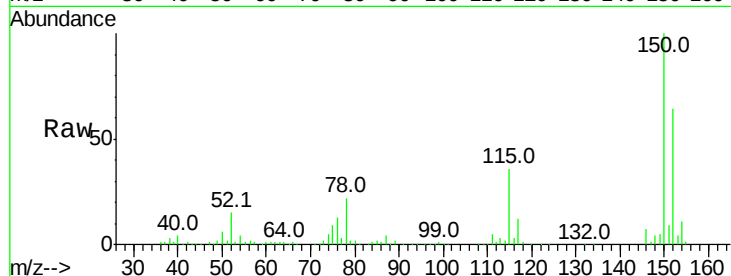
ClientSampleId :

WC120716MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.5	183.7
115	55.9	51.8	77.8

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#2

1,4-Dioxane

Concen: 27.92 ng

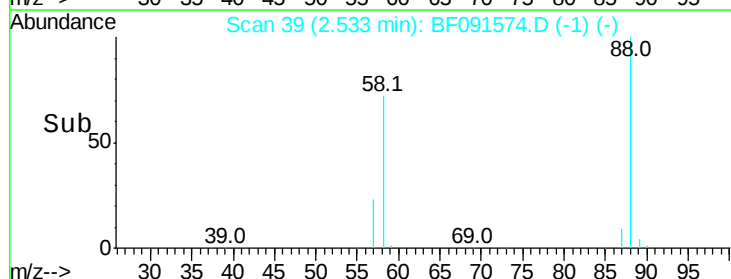
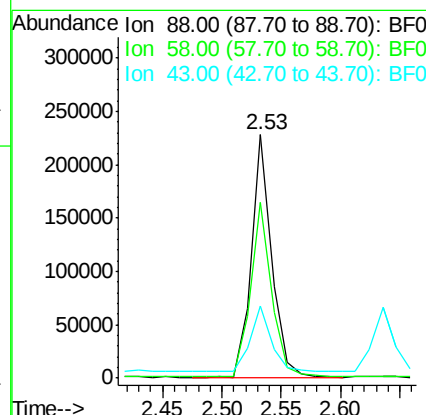
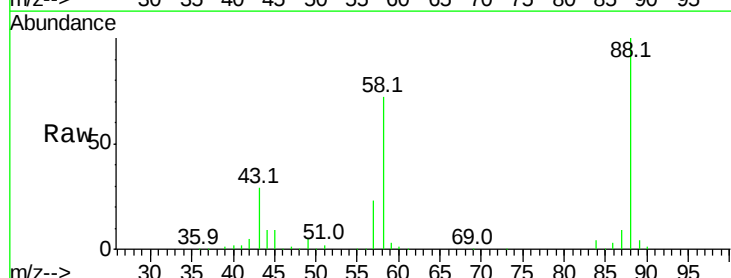
RT: 2.53 min Scan# 39

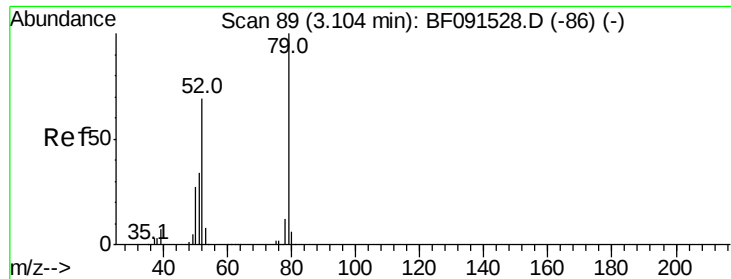
Delta R.T. 0.14 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	70.3	105.5
43	0.0	31.3	46.9#





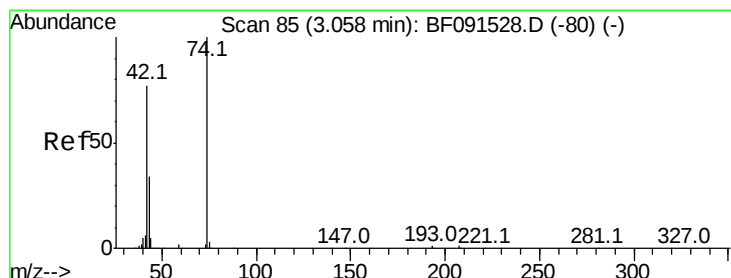
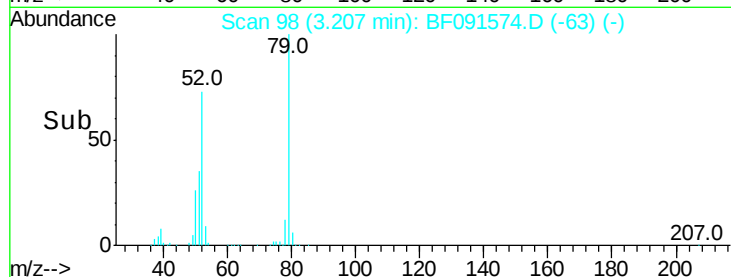
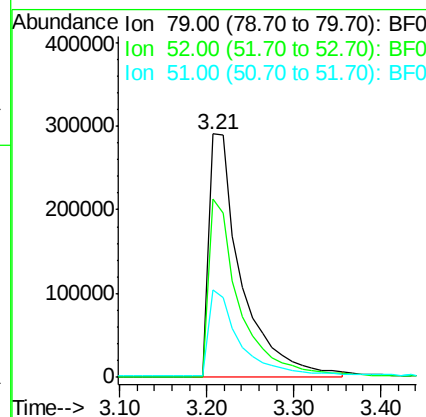
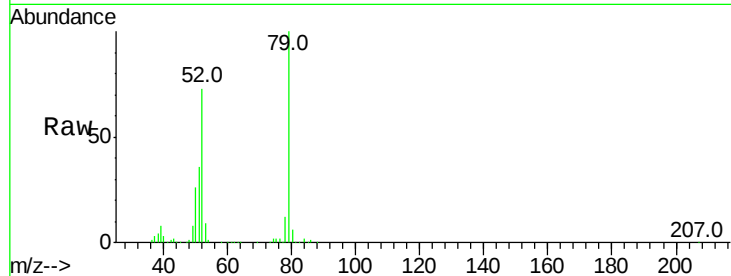
#3
 Pvridine
 Concen: 29.43 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.10 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	71.0	106.4
51	35.9	37.0	55.4#

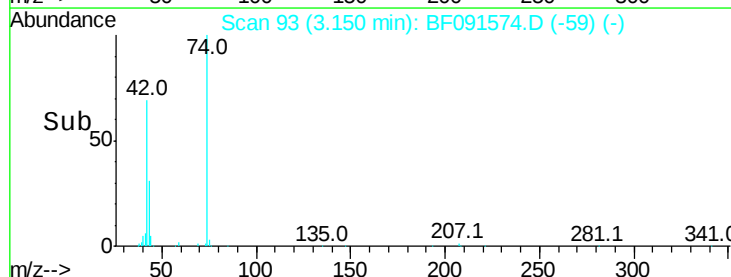
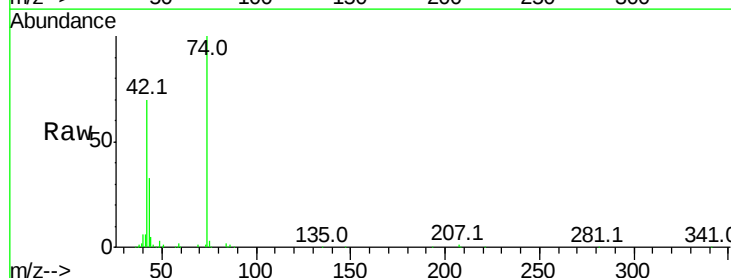
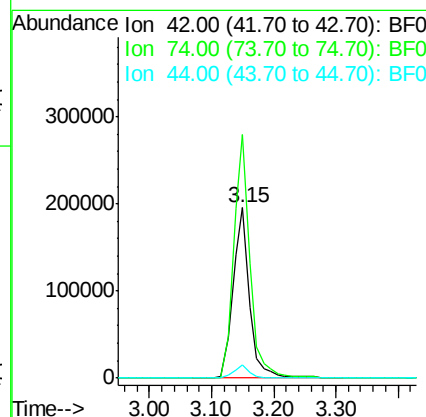
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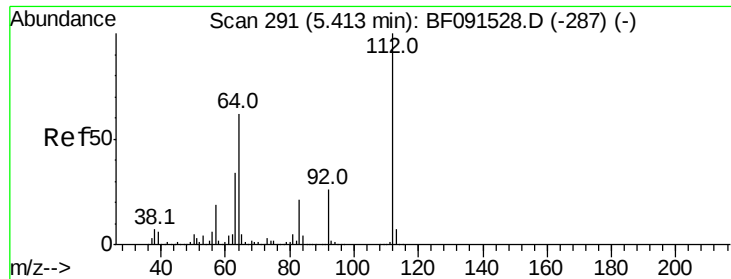
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#4
 n-Nitrosodimethylamine
 Concen: 31.98 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.2	78.9	118.3#
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 101.36 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

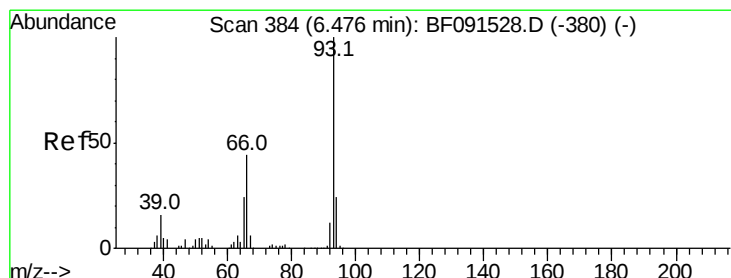
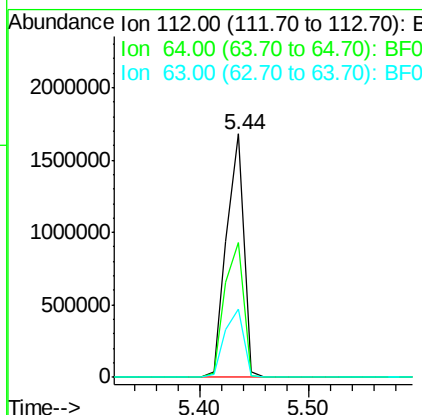
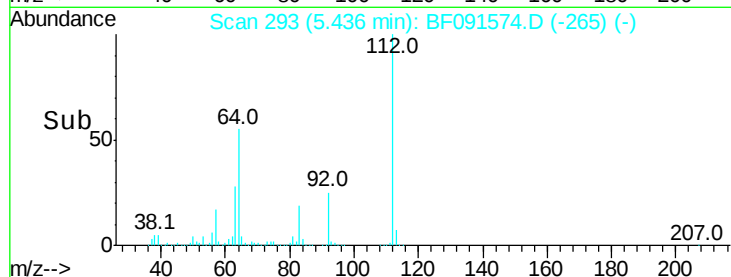
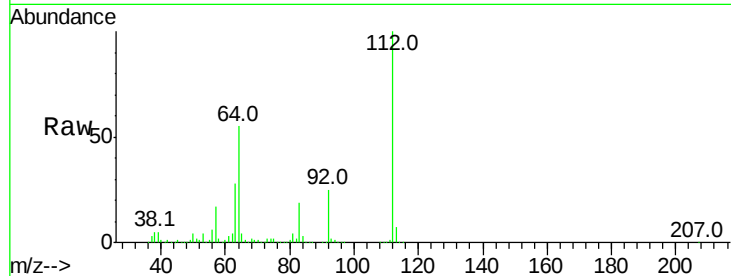
ClientSampleId :

WC120716MS

Tot Ion:	112	Resp:	1861651
Ion Ratio	Lower	Upper	
112	100		
64	55.3	61.5	92.3#
63	28.3	33.3	49.9#

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#6

Aniline

Concen: 14.64 ng

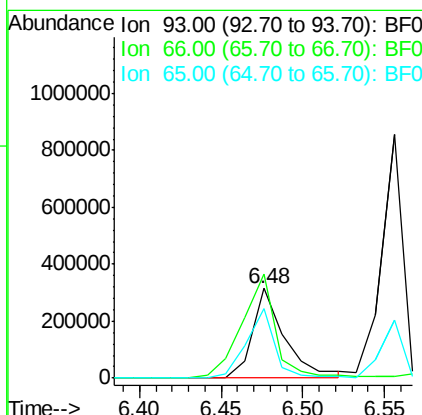
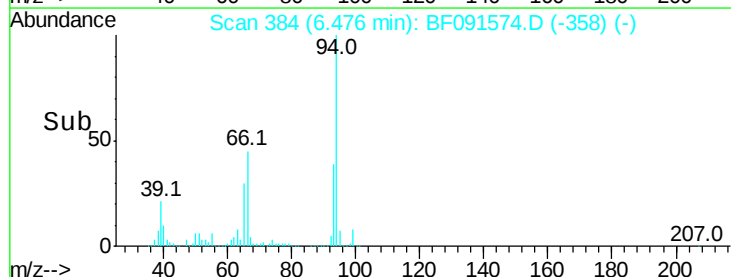
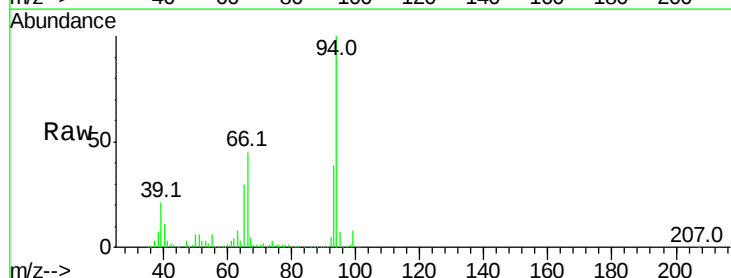
RT: 6.48 min Scan# 384

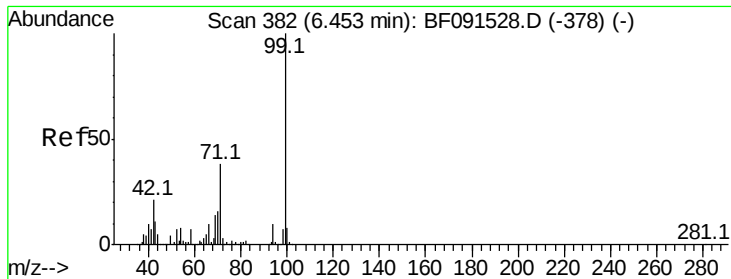
Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion:	93	Resp:	439403
Ion Ratio	Lower	Upper	
93	100		
66	115.2	55.8	83.6#
65	77.5	29.9	44.9#





#7

Phenol-d6

Concen: 97.06 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion: 99 Resp: 2222462

Ion Ratio Lower Upper

99 100

42 16.4 20.6 31.0#

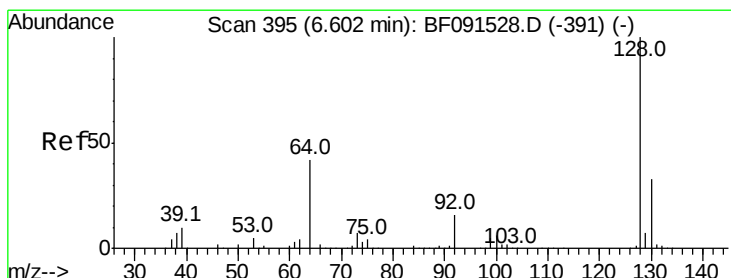
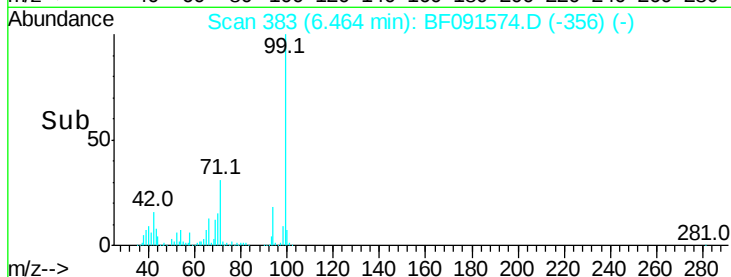
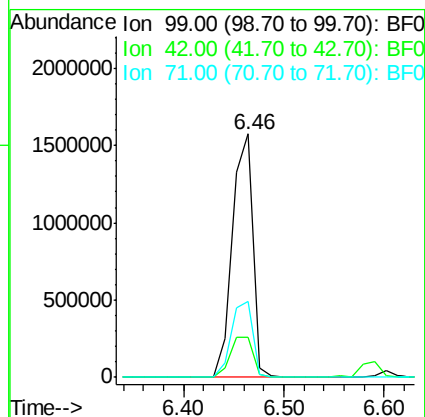
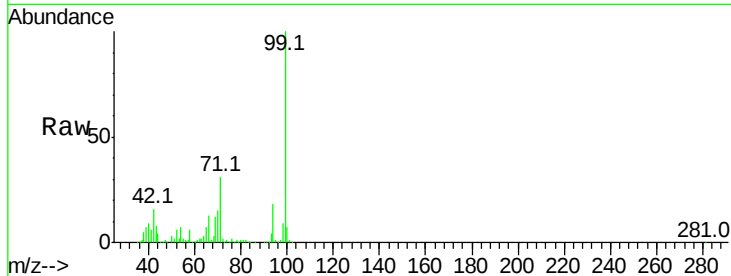
71 31.2 29.9 44.9

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#8

2-Chlorophenol

Concen: 34.08 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

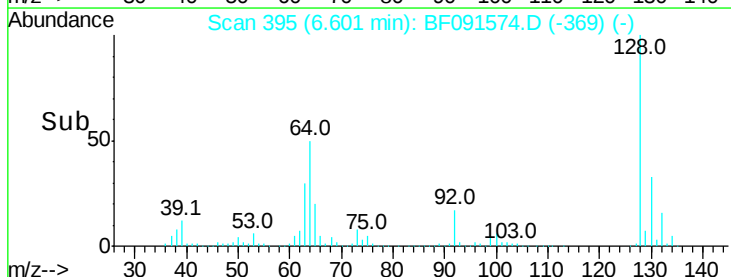
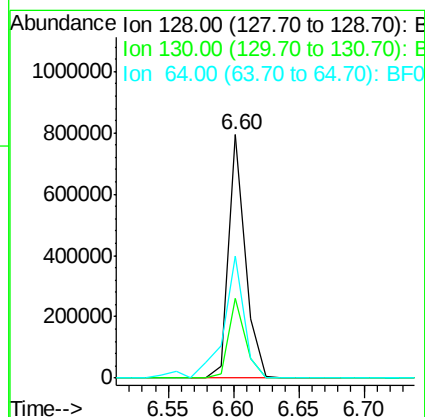
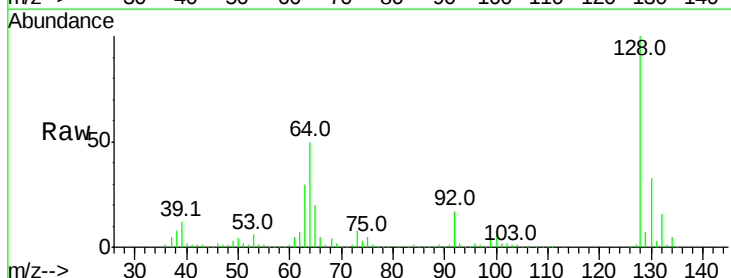
Tgt Ion: 128 Resp: 706585

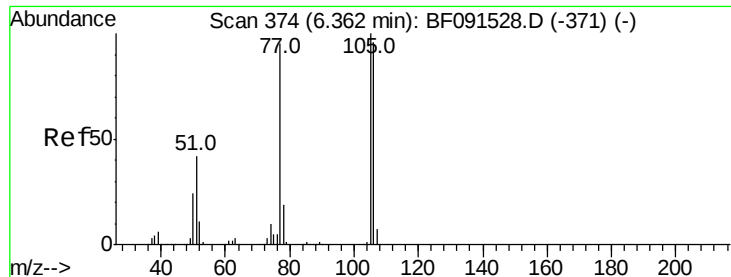
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 50.3 24.1 64.1





#9

Benzaldehyde

Concen: 6.25 ng/ml

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 77 Resp: 98487

Ion Ratio Lower Upper

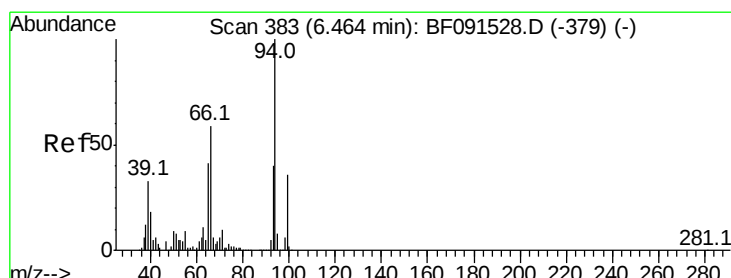
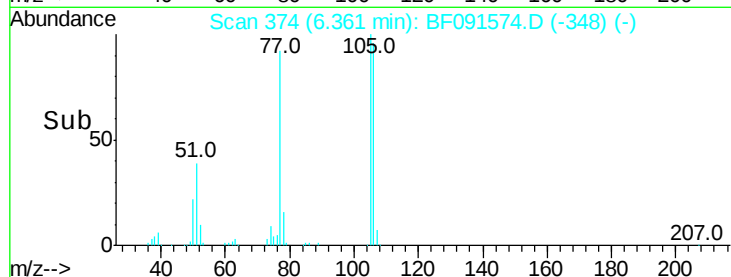
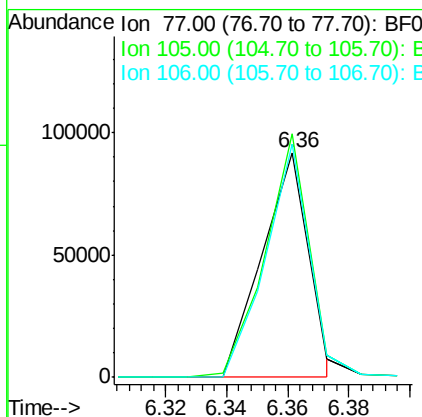
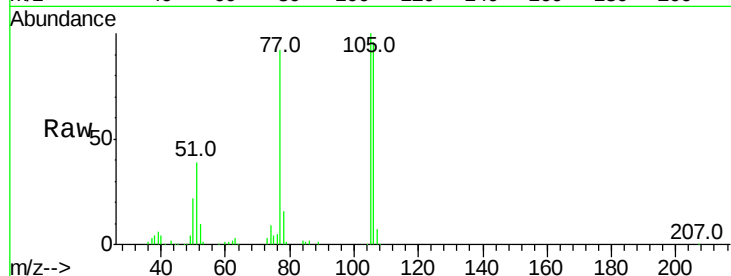
77 100

105 108.3 66.4 106.4#

106 103.6 60.9 100.9#

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#10

Phenol

Concen: 29.71 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

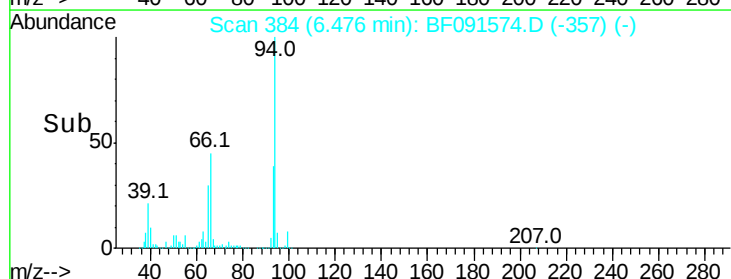
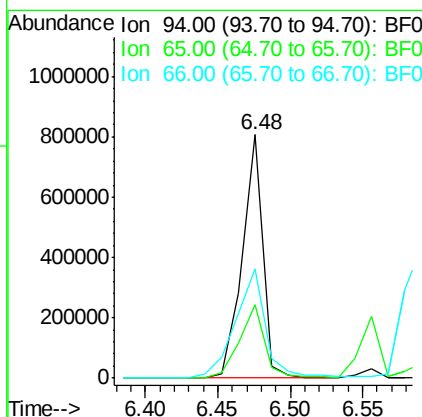
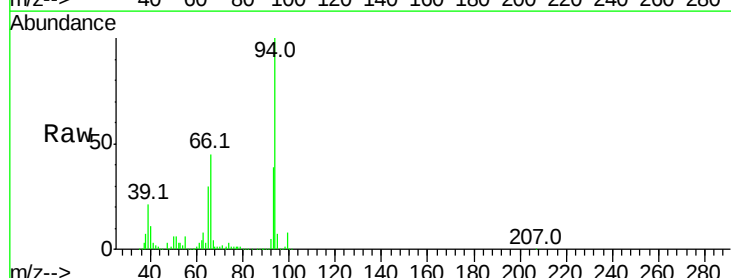
Tgt Ion: 94 Resp: 795334

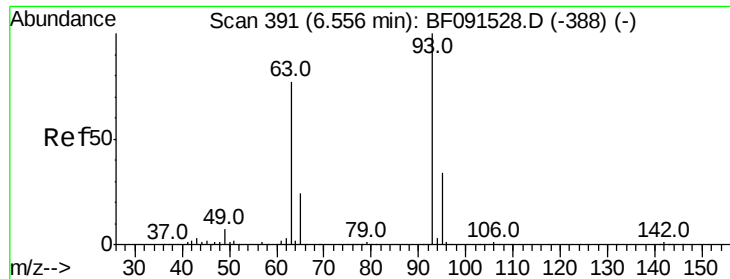
Ion Ratio Lower Upper

94 100

65 30.3 16.9 56.9

66 45.1 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 37.66 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

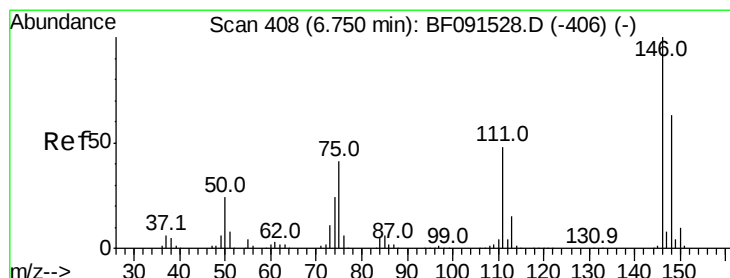
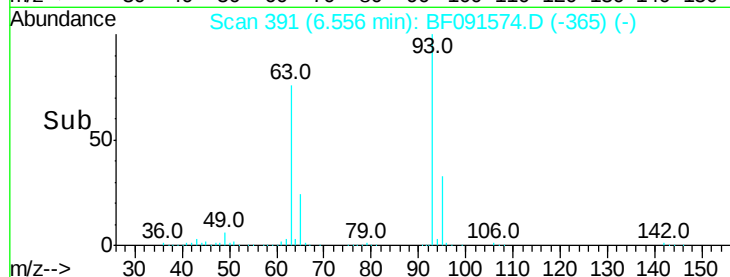
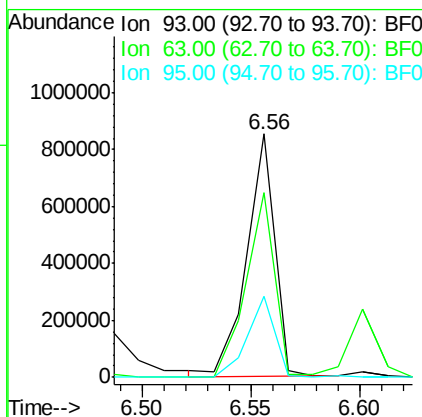
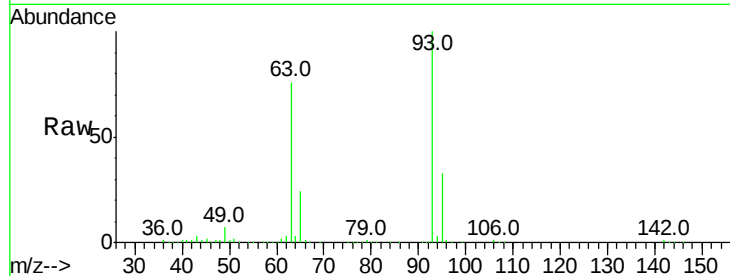
WC120716MS

Tot Ion: 93 Resp: 757432

Ion	Ratio	Lower	Upper
93	100		
63	75.9	74.8	114.8
95	33.1	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 30.32 ng m

RT: 6.75 min Scan# 408

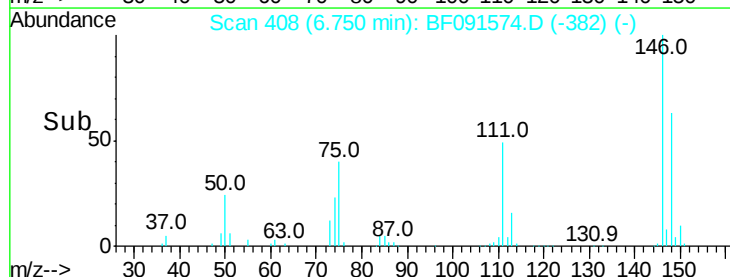
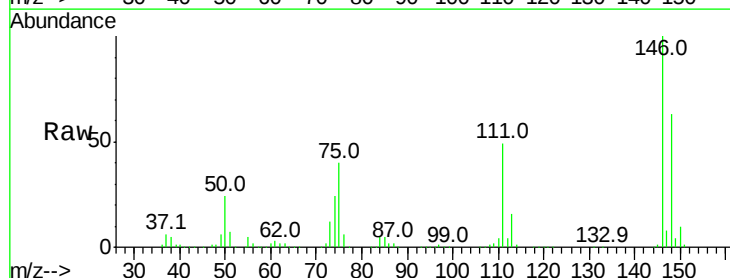
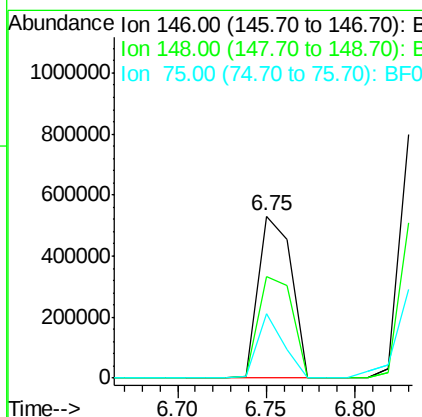
Delta R.T. -0.00 min

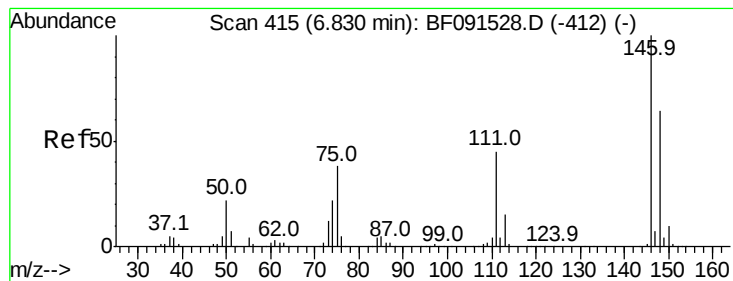
Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion: 146 Resp: 681649

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	40.0	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 32.10 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

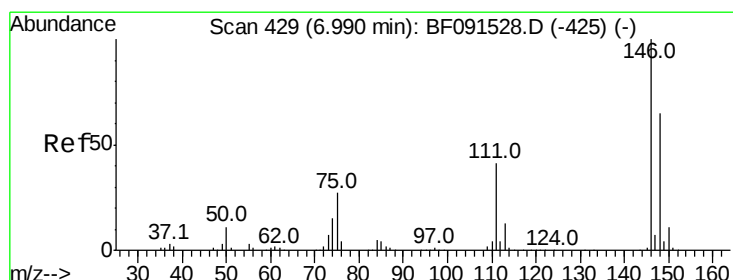
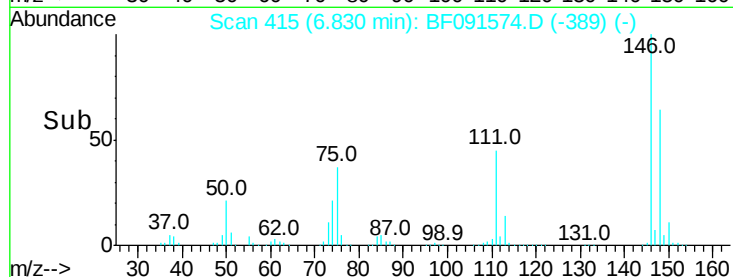
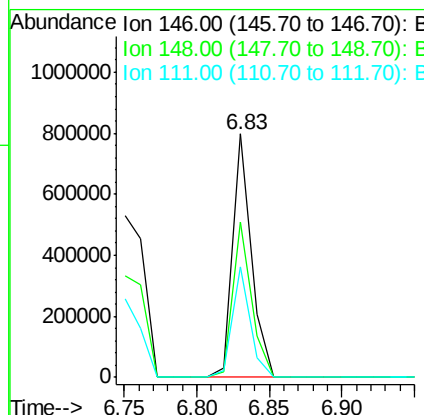
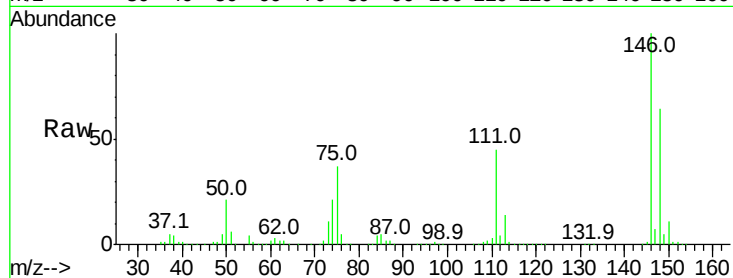
ClientSampled :

WC120716MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	45.3	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 34.21 ng m

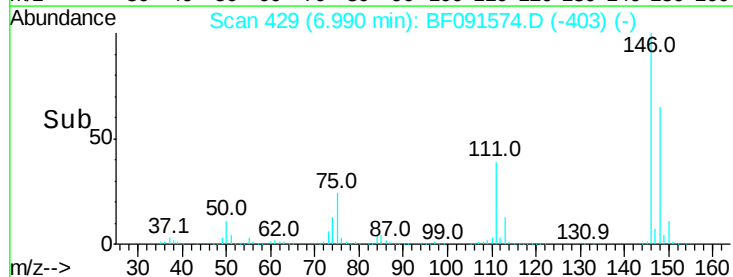
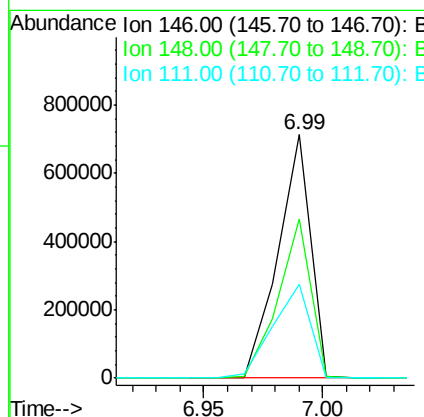
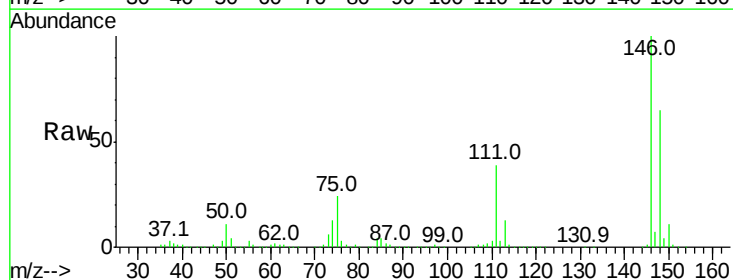
RT: 6.99 min Scan# 429

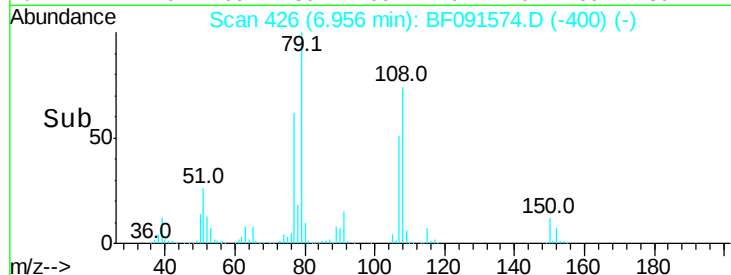
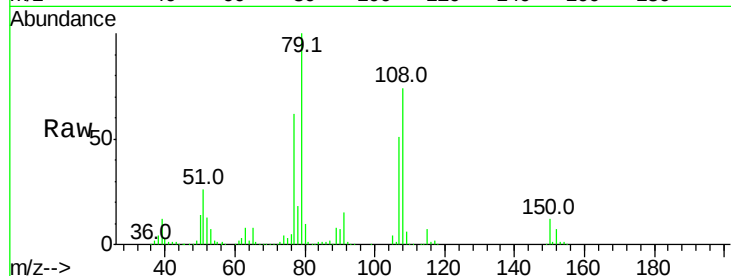
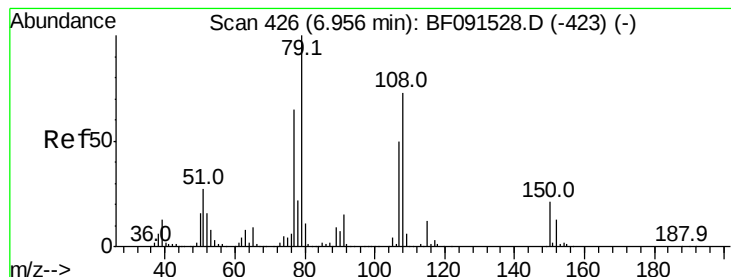
Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	38.5	38.9	58.3#





#15

Benzyl Alcohol

Concen: 33.51 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tot Ion:	79	Resp:	605783
Ion Ratio	Lower	Upper	
79	100		
108	73.8	62.7	94.1
77	61.8	51.7	77.5

Instrument :

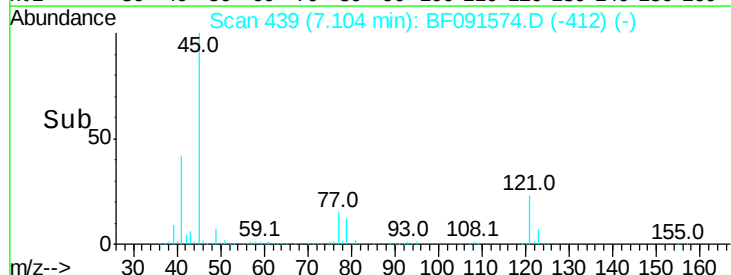
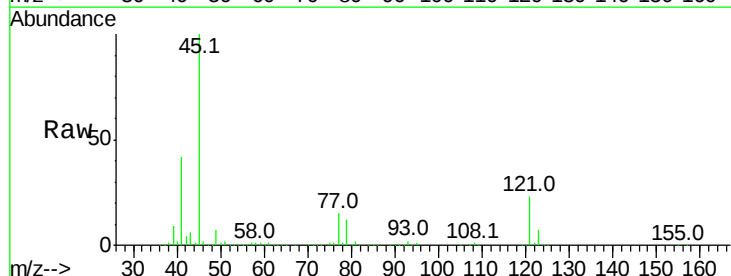
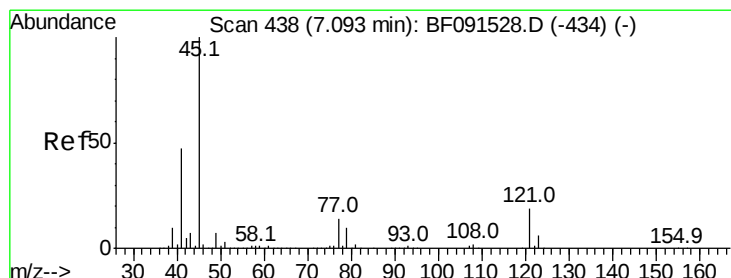
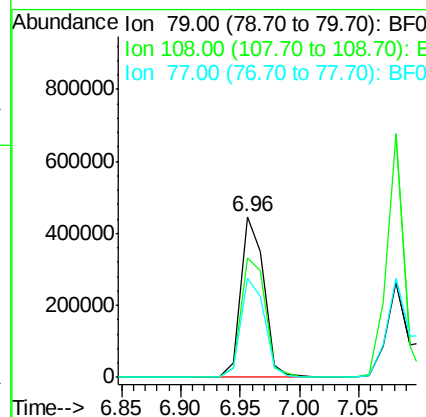
BNA_F

ClientSampleId :

WC120716MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.33 ng

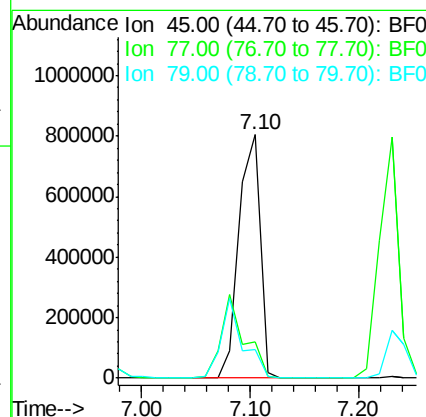
RT: 7.10 min Scan# 439

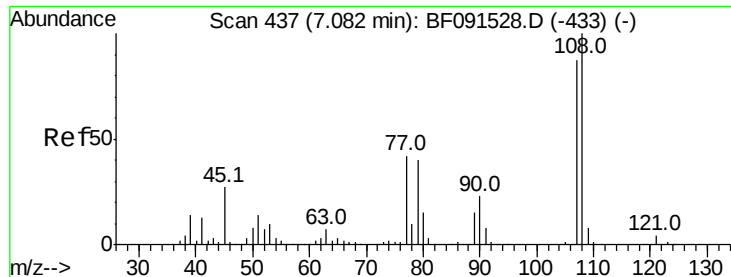
Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion:	45	Resp:	1069970
Ion Ratio	Lower	Upper	
45	100		
77	14.9	3.8	43.8
79	11.8	0.2	40.2





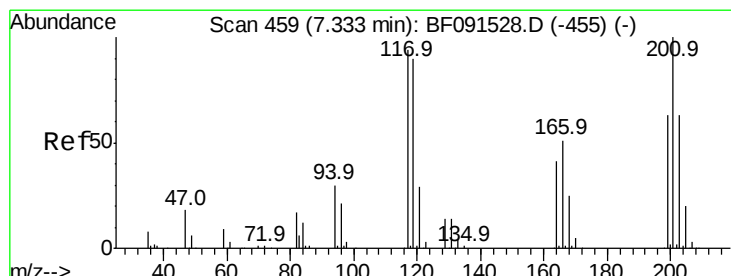
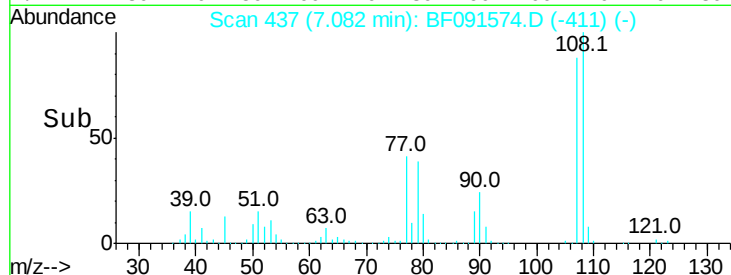
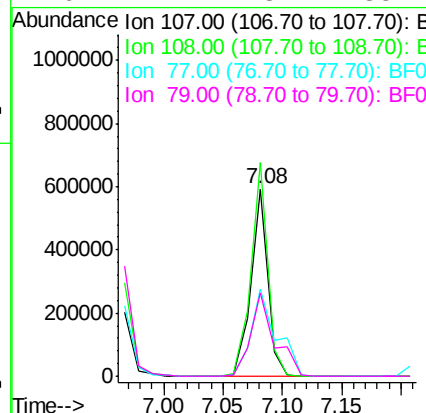
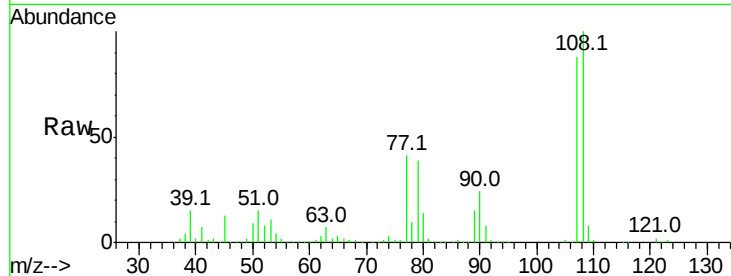
#17
2-Methylphenol
Concen: 34.57 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampled :
WC120716MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	67.7	101.5#
77	46.3	40.7	61.1
79	44.7	23.4	35.2#

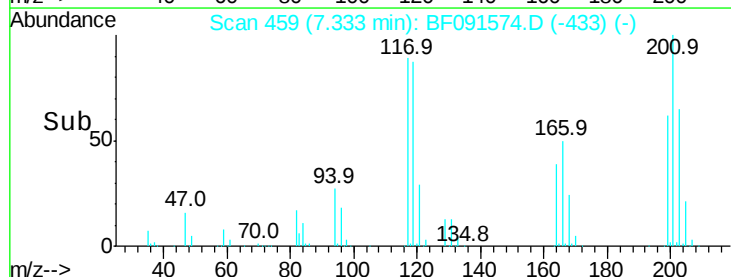
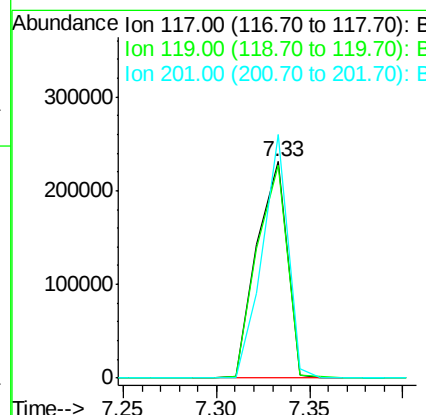
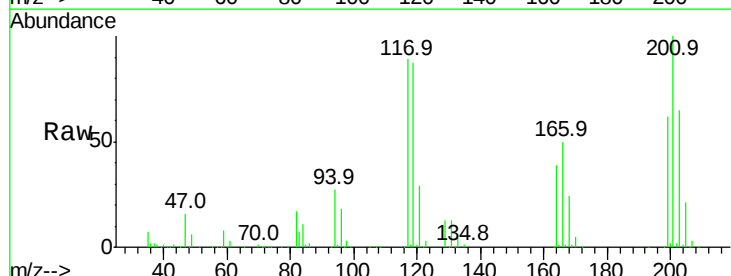
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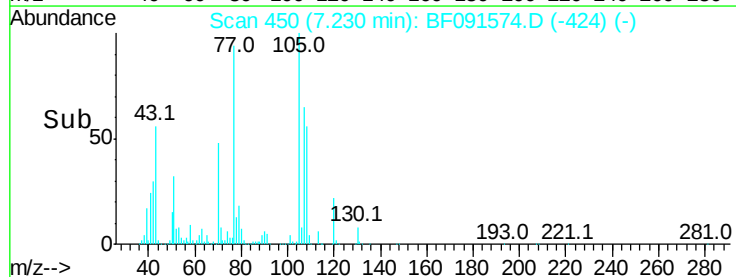
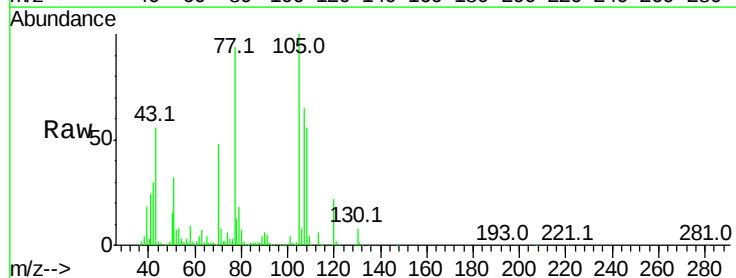
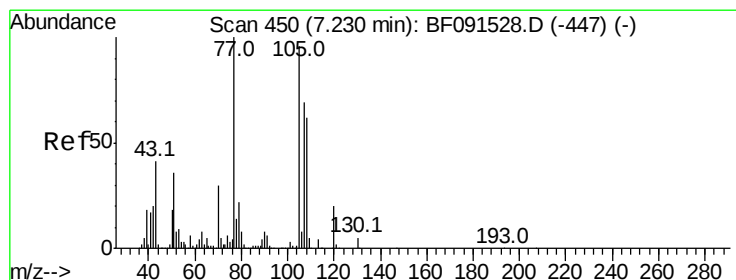
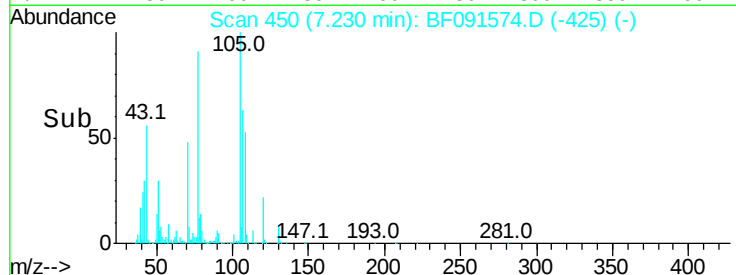
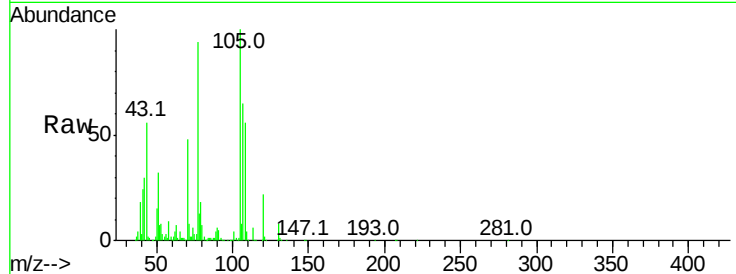
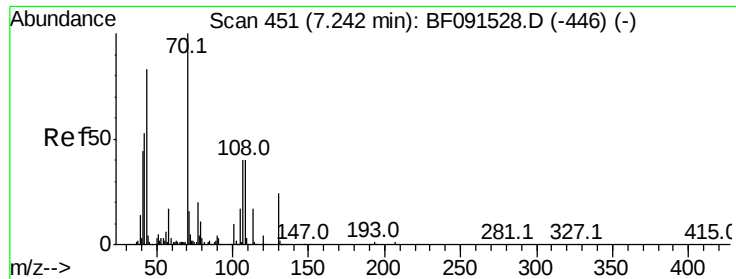
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#18
Hexachloroethane
Concen: 30.07 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.6	118.0
201	112.6	86.7	130.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.74 ng

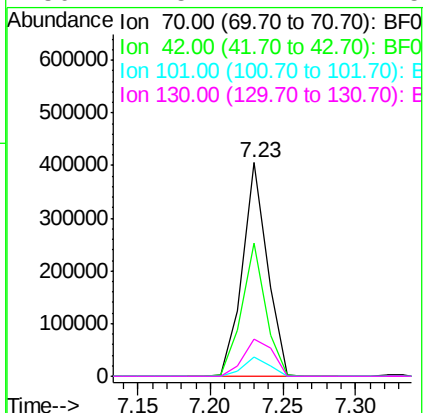
RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	64.8	97.2#	
101	8.9	6.2	9.4	
130	17.5	11.7	17.5	



Instrument :

BNA_F

ClientSampleId :

WC120716MS

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#20

3+4-Methylphenols

Concen: 36.53 ng

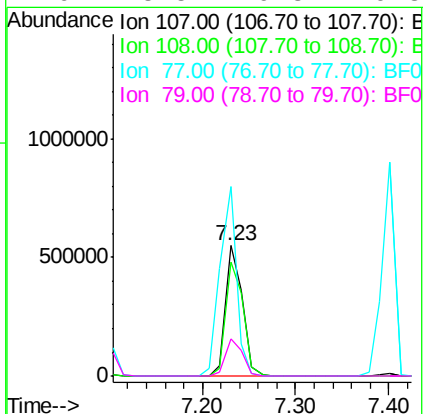
RT: 7.23 min Scan# 450

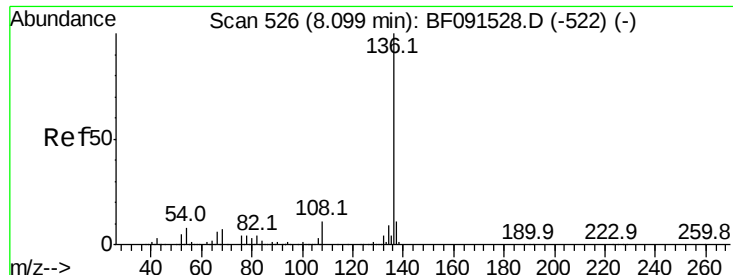
Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	64.6	104.6	
77	145.6	30.9	70.9#	
79	28.5	9.3	49.3	





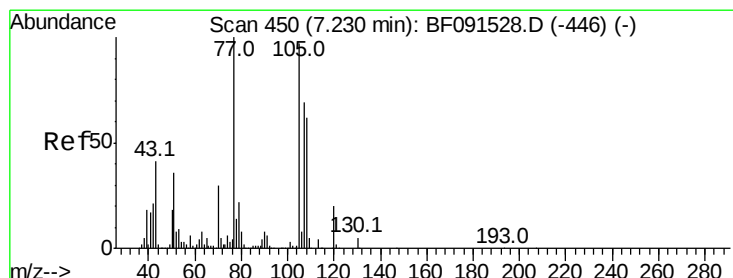
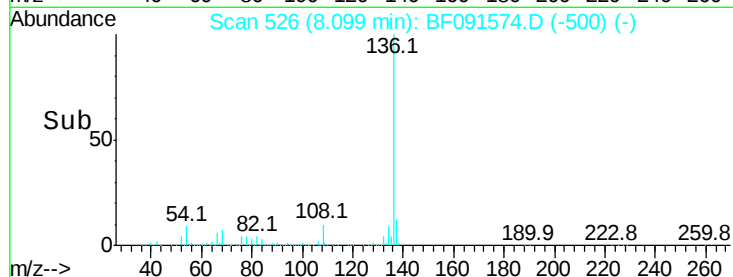
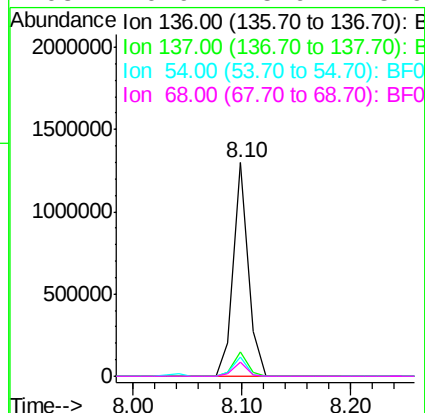
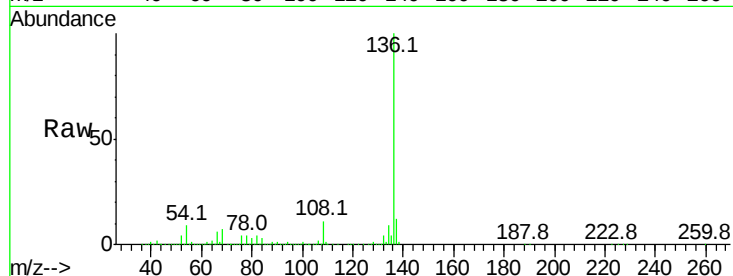
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.7	9.1	13.7#
68	6.9	5.9	8.9

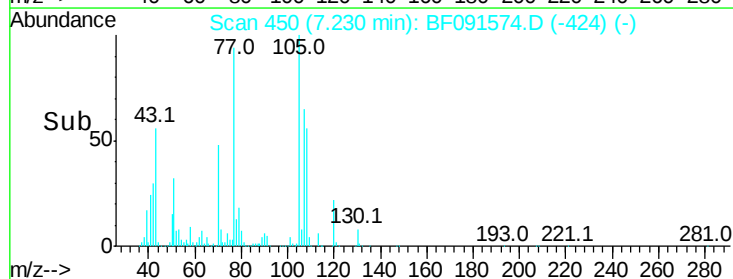
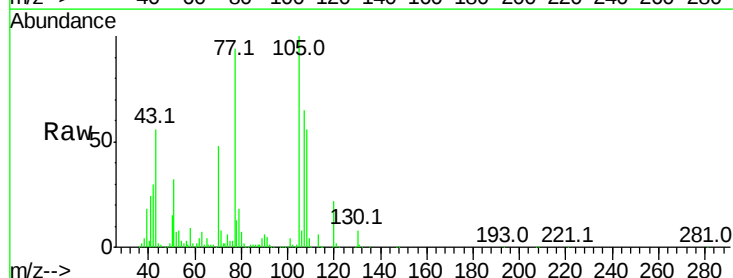
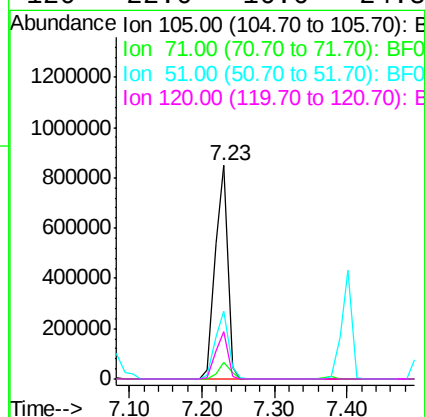
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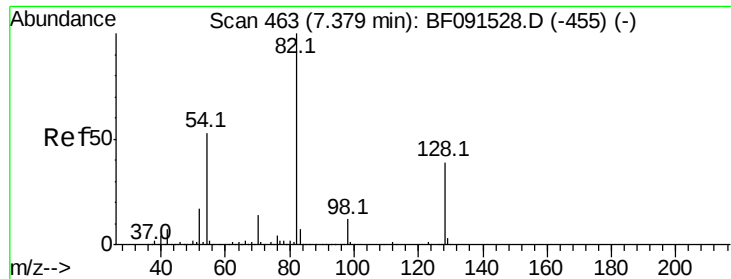
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#22
Acetophenone
Concen: 34.82 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.9	11.9
51	32.0	24.5	36.7
120	22.0	16.6	24.8





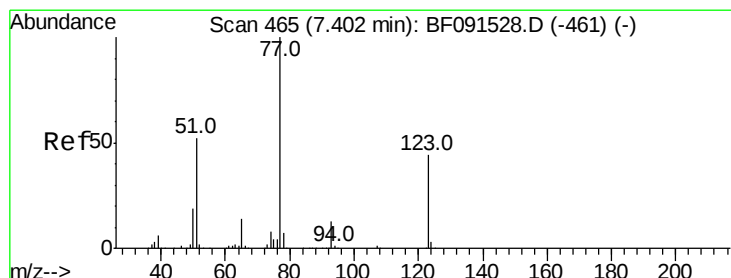
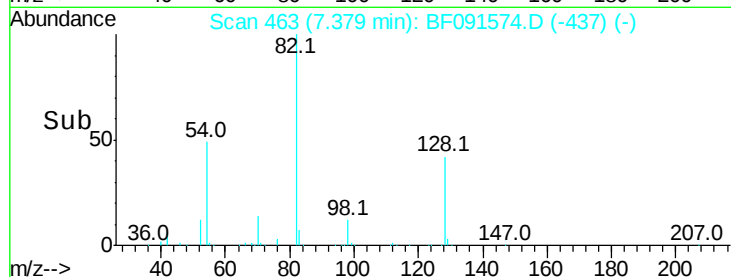
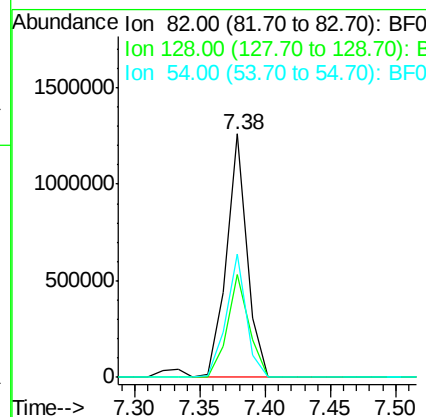
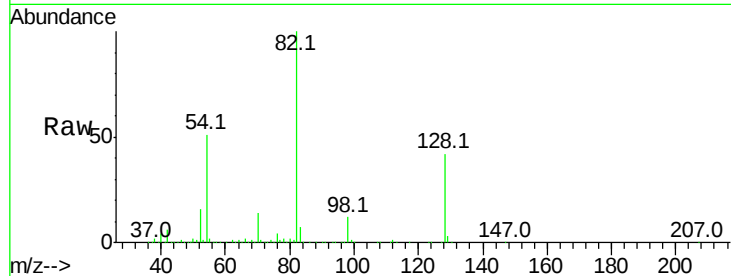
#23
 Nitrobenzene-d5
 Concen: 63.77 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.6
54	50.7	49.1	73.7

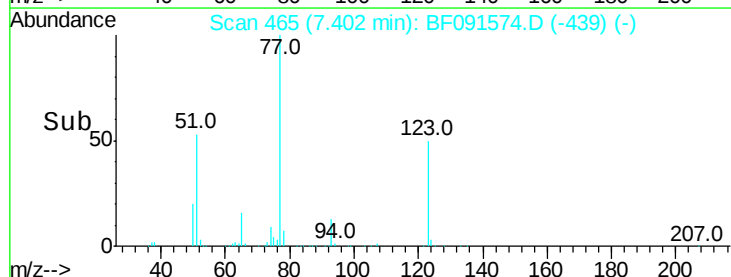
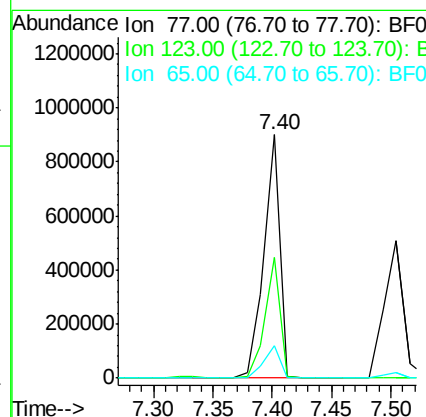
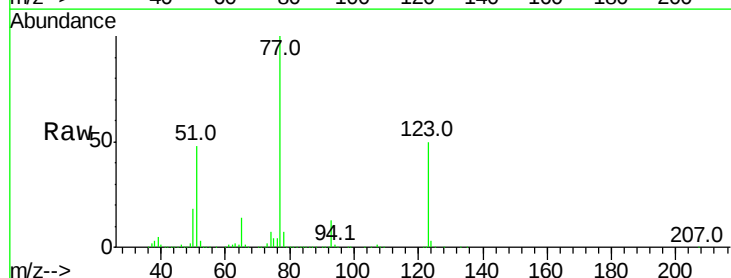
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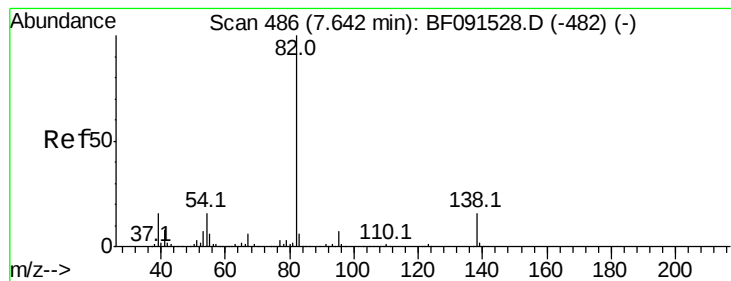
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#24
 Nitrobenzene
 Concen: 36.94 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	28.5	42.7#
65	13.5	12.5	18.7





#25

Isophorone

Concen: 37.91 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion: 82 Resp: 1468216

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

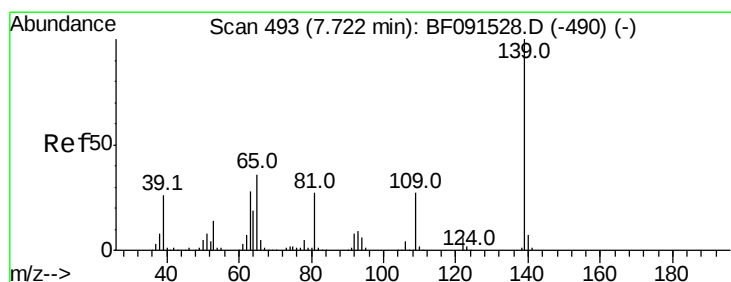
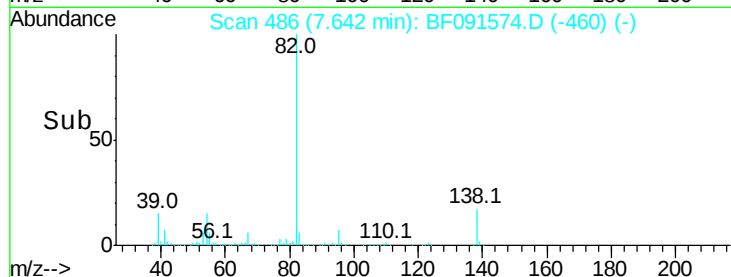
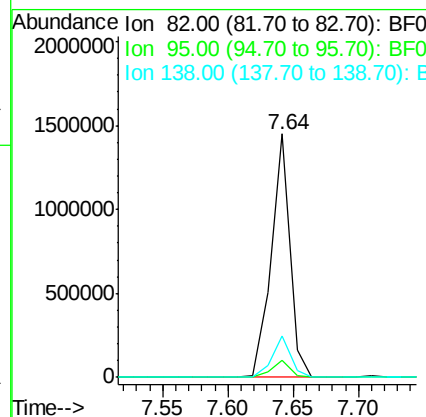
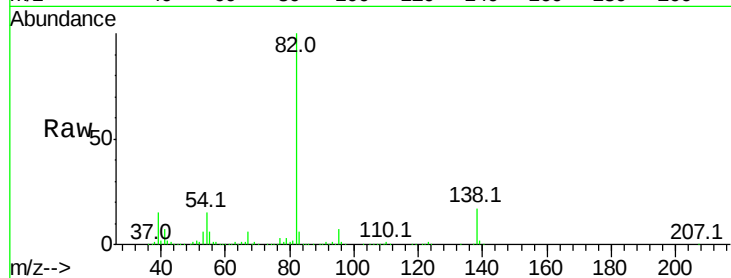
138 17.1 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 36.81 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

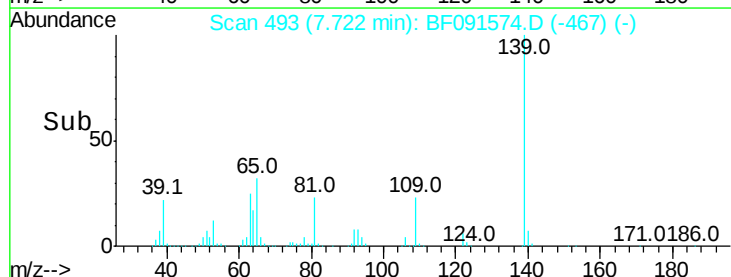
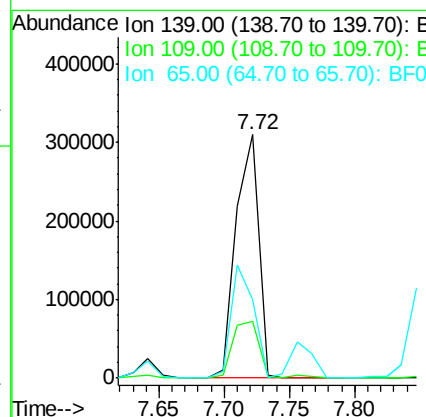
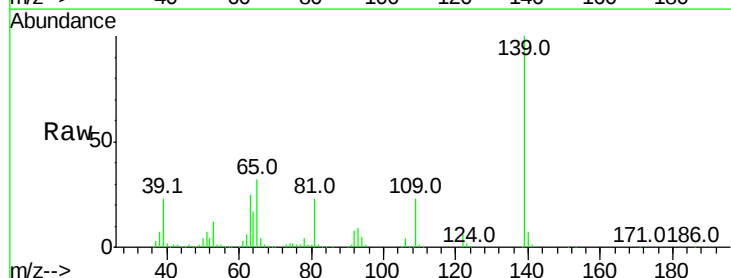
Tgt Ion: 139 Resp: 374017

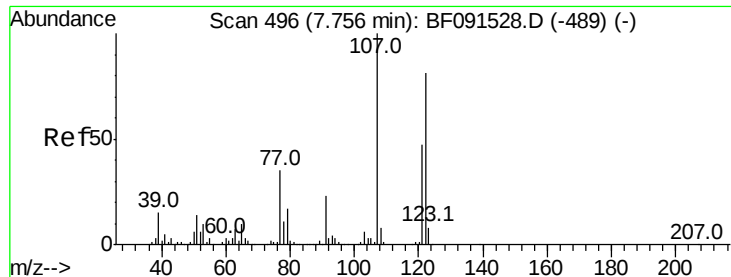
Ion Ratio Lower Upper

139 100

109 23.0 25.3 37.9#

65 32.2 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 35.94 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

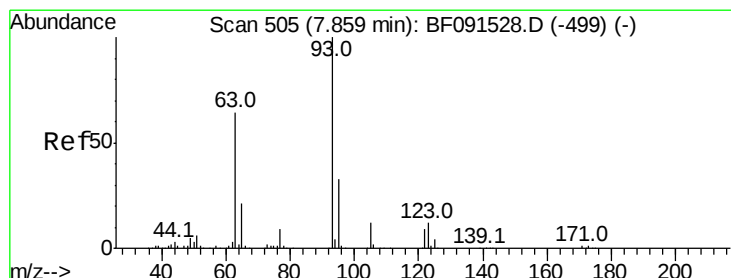
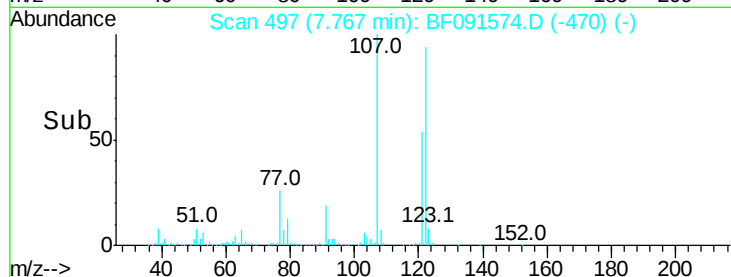
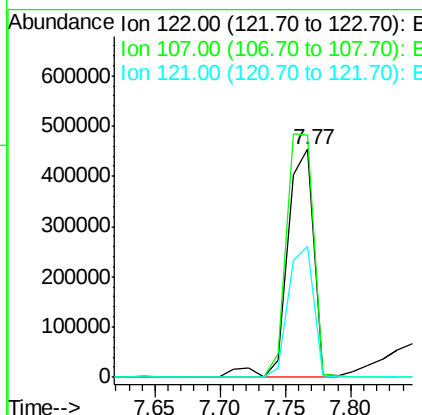
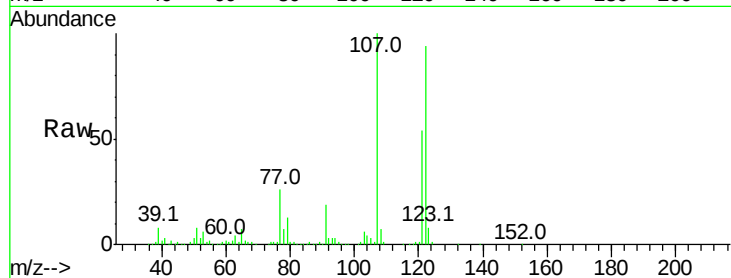
ClientSampleId :

WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	641400		
107	106.3	96.8	145.2	
121	57.5	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 39.51 ng

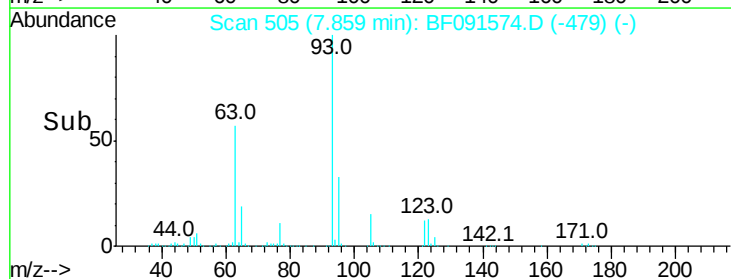
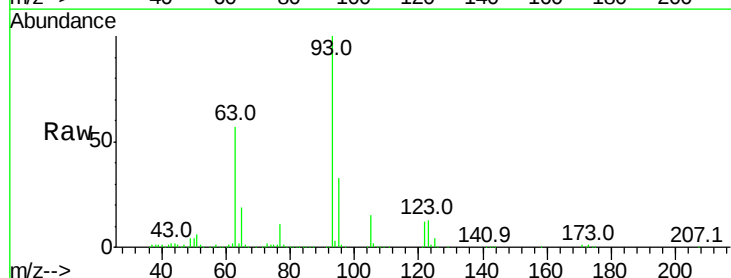
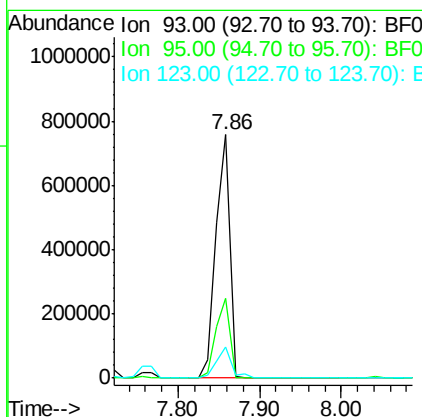
RT: 7.86 min Scan# 505

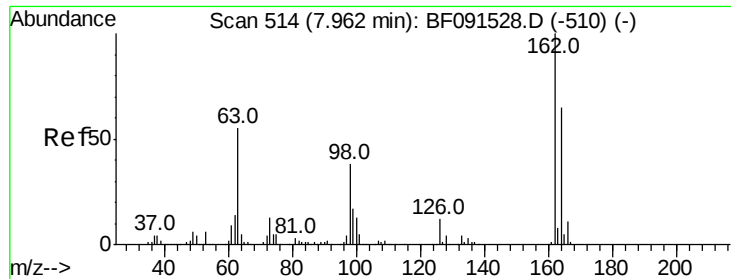
Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	897682		
95	32.8	26.0	39.0	
123	13.0	8.6	12.8#	





#29

2,4-Dichlorophenol

Concen: 37.43 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

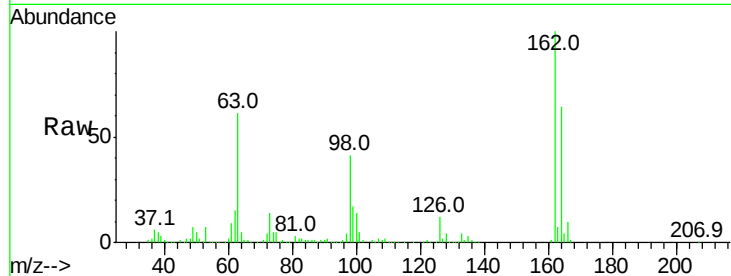
ClientSampleId :

WC120716MS

Tot Ion:	162	Resp:	581190
Ion Ratio	Lower	Upper	
162	100		
164	63.7	45.0	85.0
98	41.1	21.3	61.3

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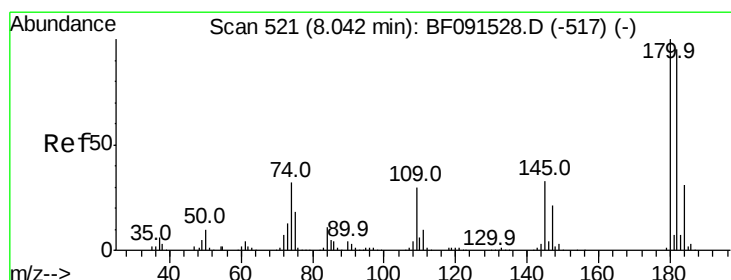
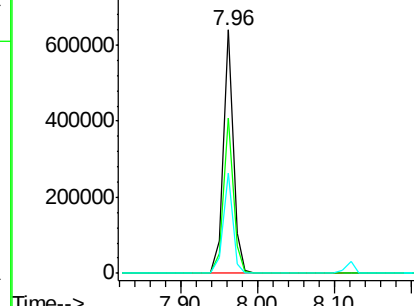
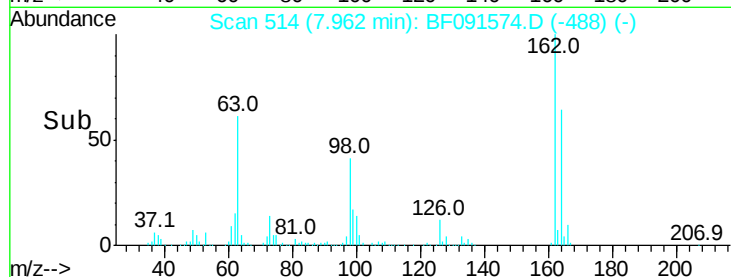
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 33.47 ng

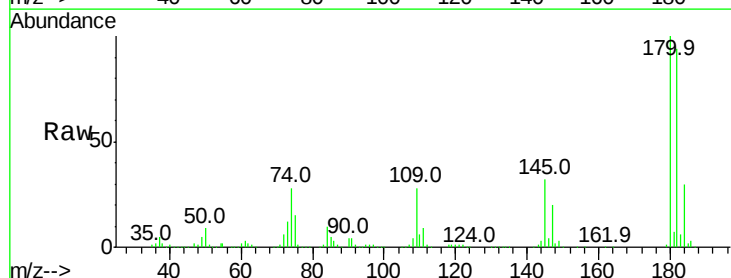
RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

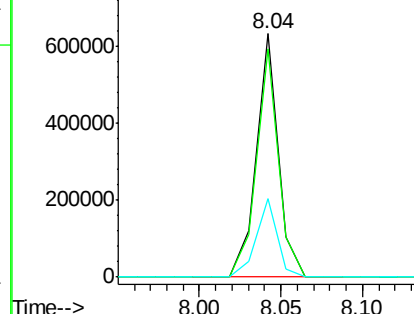
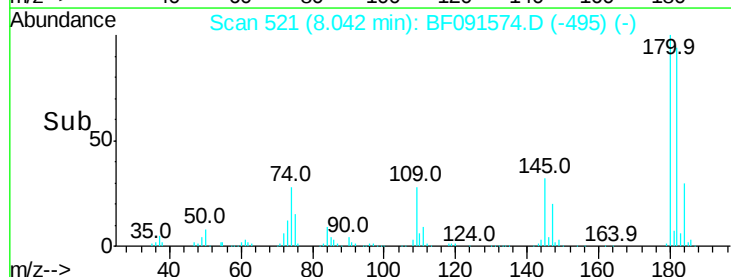
Tgt Ion:	180	Resp:	590582
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.8	113.8
145	32.2	27.0	40.4

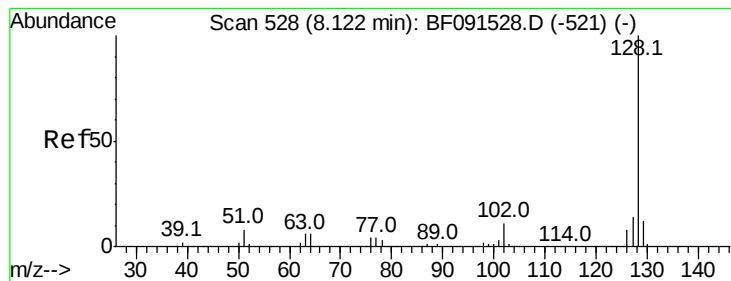


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.47 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:128 Resp: 1950093

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

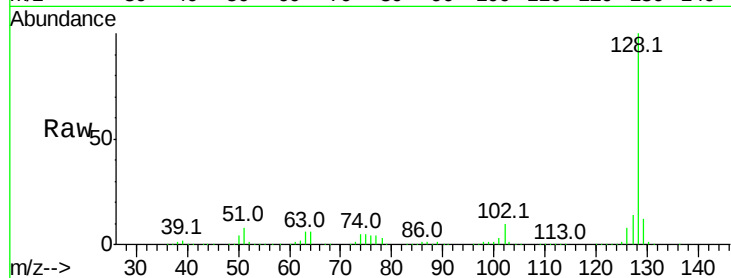
127 13.8 11.0 16.4

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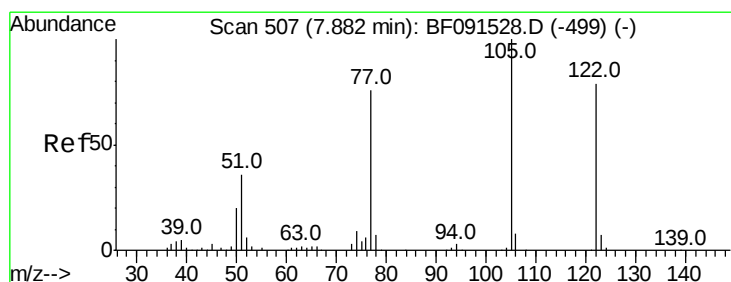
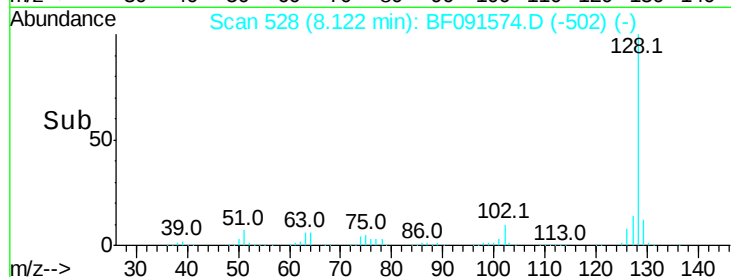
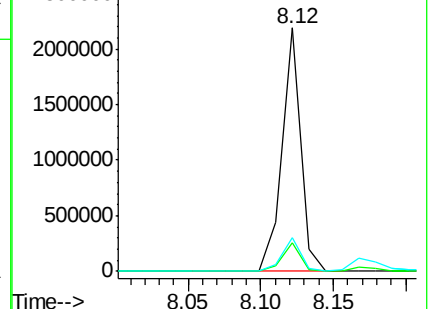
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.27 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

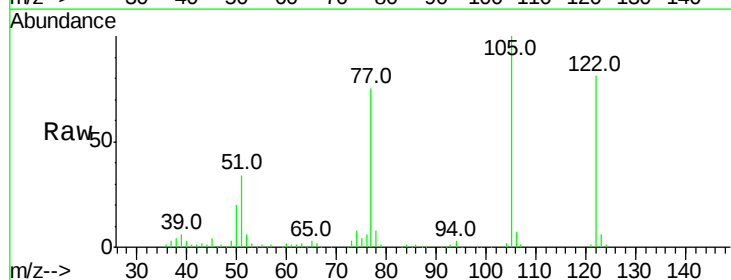
Tgt Ion:122 Resp: 418825

Ion Ratio Lower Upper

122 100

105 122.8 113.0 153.0

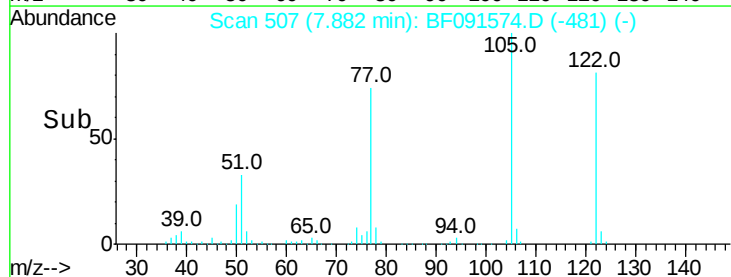
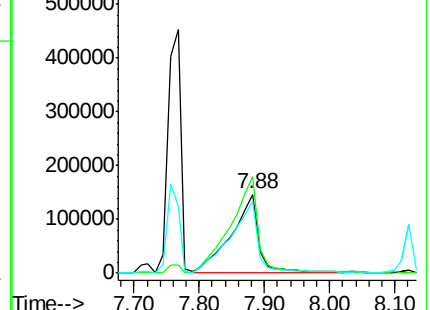
77 92.6 82.0 122.0

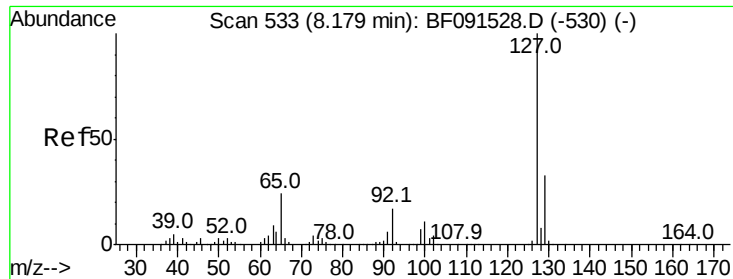


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





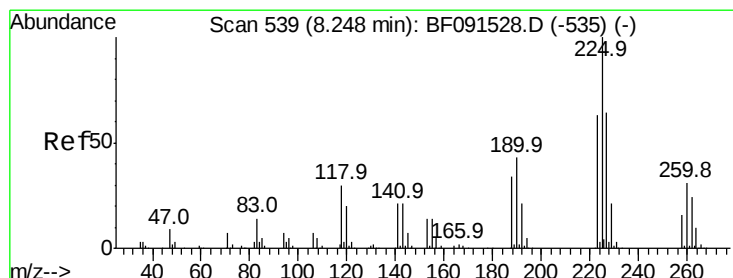
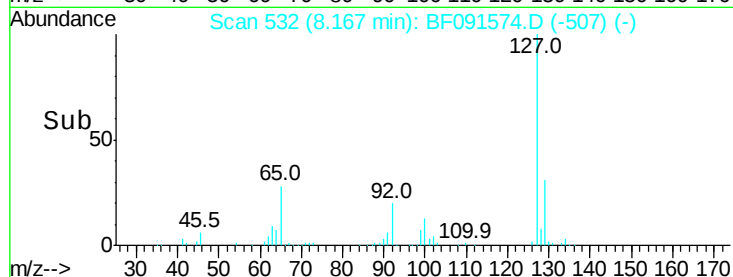
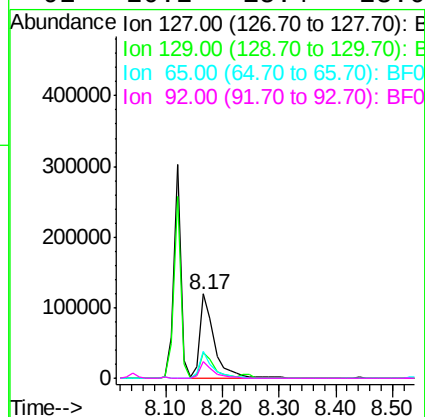
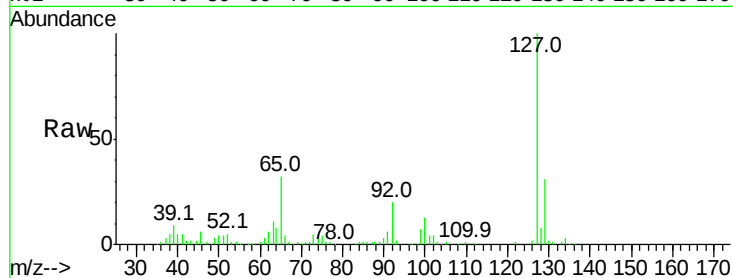
#33
4-Chloroaniline
Concen: 8.37 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	26.2	39.4	
65	31.6	26.6	39.8	
92	20.2	15.4	23.0	

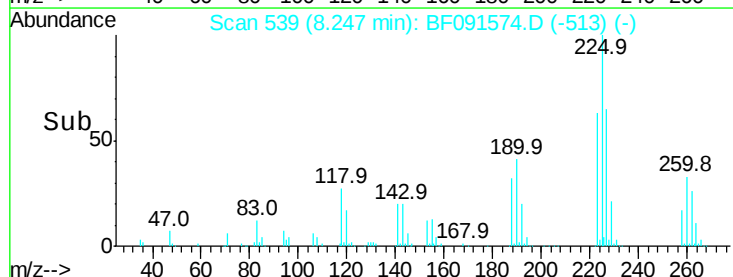
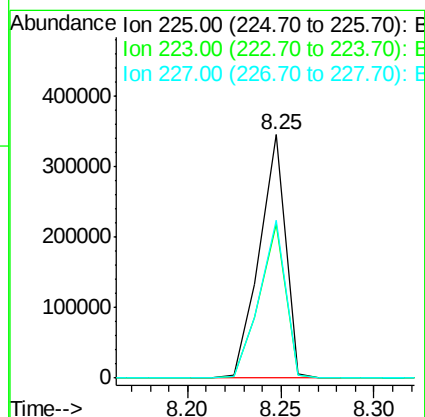
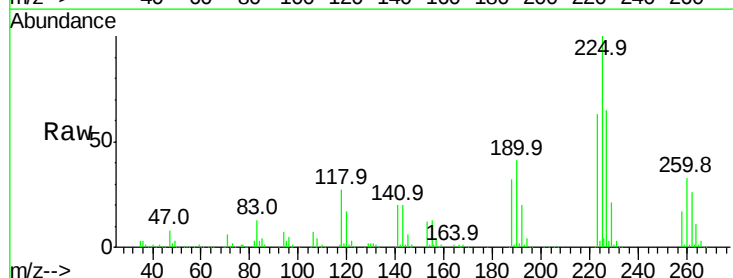
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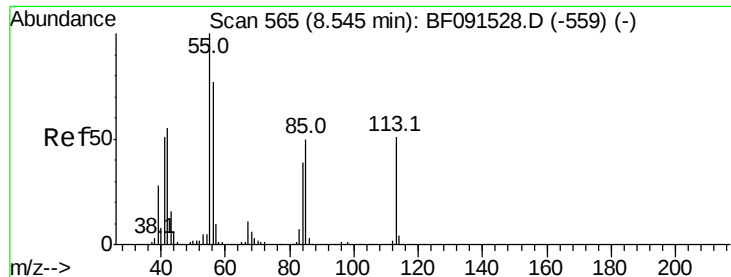
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#34
Hexachlorobutadiene
Concen: 33.13 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	49.8	74.6	
227	64.6	52.6	79.0	





#35

Caprolactam

Concen: 44.58 ng/ml

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:113 Resp: 202138

Ion Ratio Lower Upper

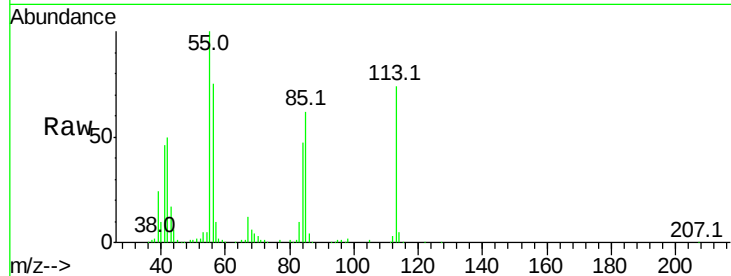
113 100

55 135.5 239.8 279.8#

56 101.7 165.6 205.6#

Manual Integrations
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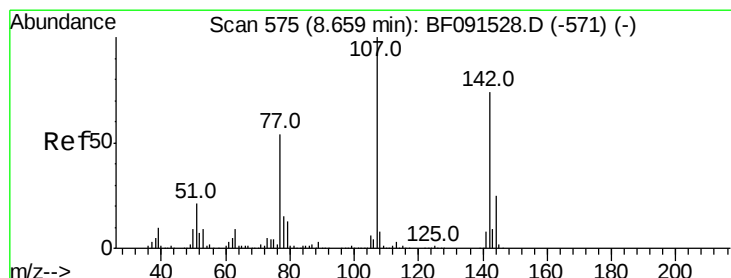
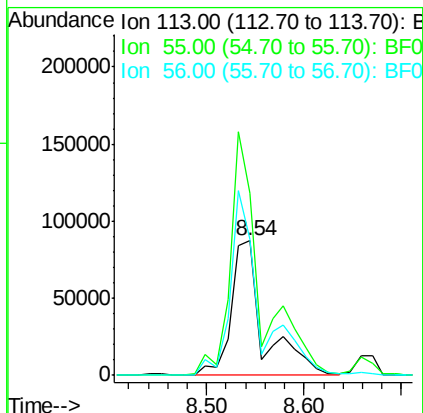
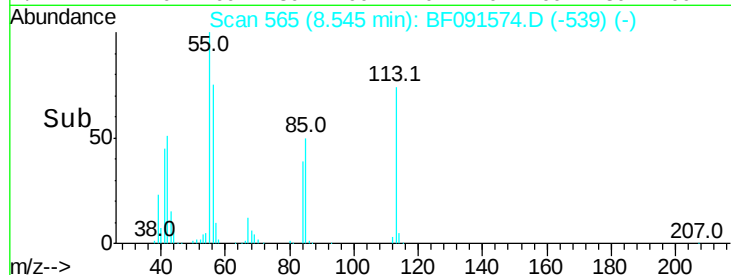
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.86 ng/ml

RT: 8.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

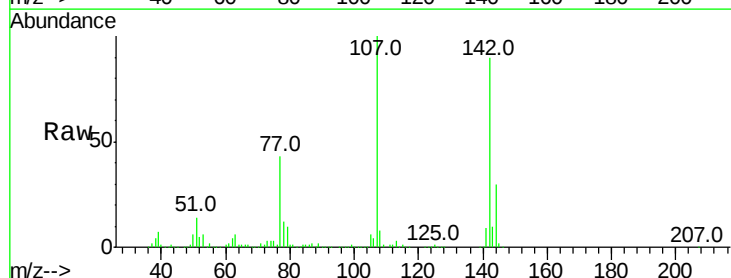
Tgt Ion:107 Resp: 676673

Ion Ratio Lower Upper

107 100

144 29.6 18.9 28.3#

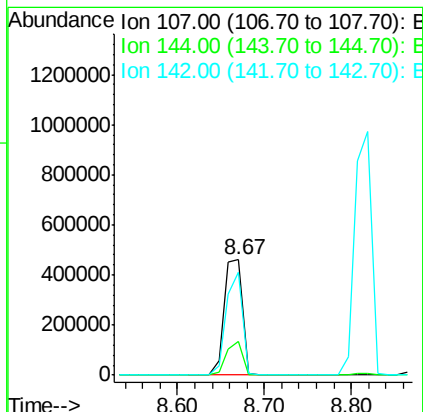
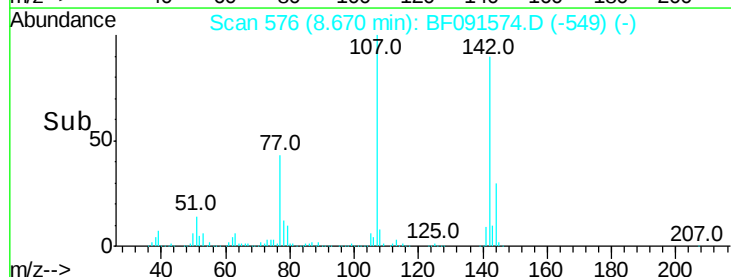
142 89.7 58.5 87.7#

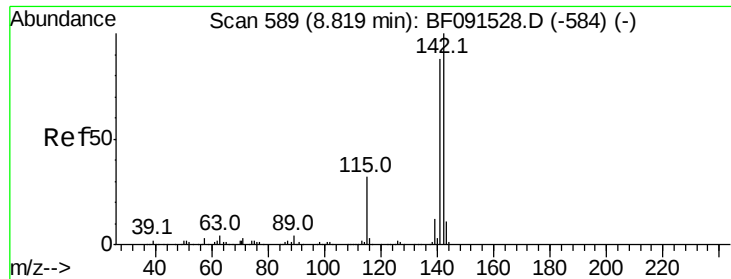


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





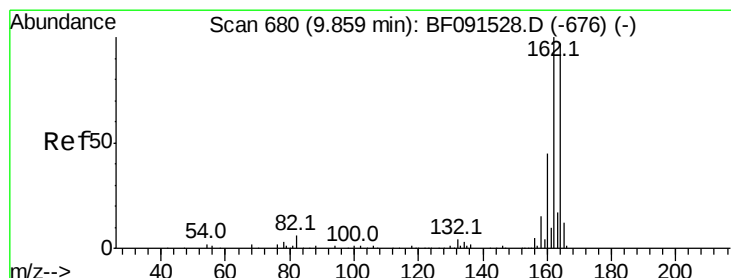
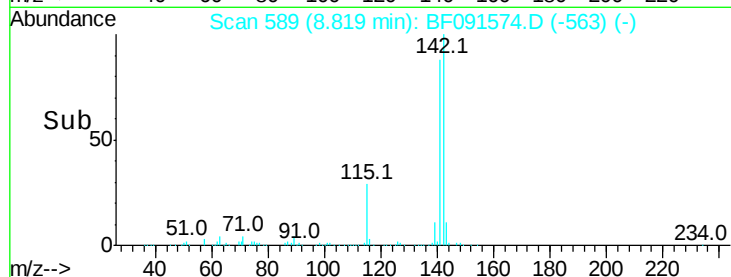
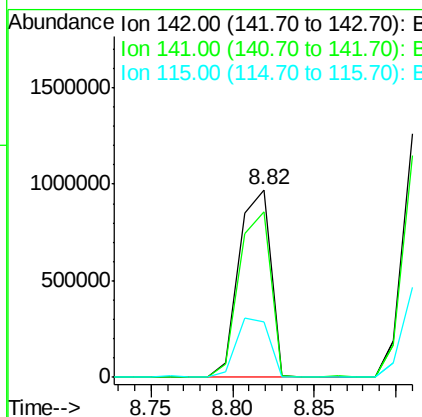
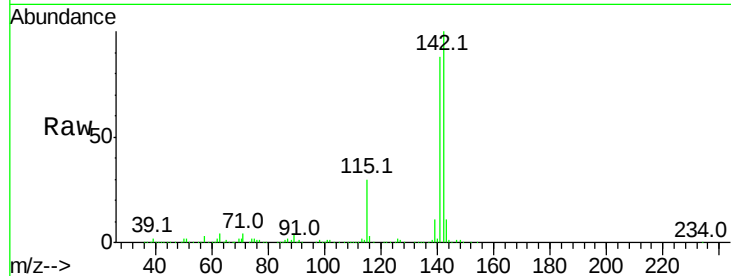
#37
2-Methylnaphthalene
Concen: 35.79 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion:142 Resp: 1310658
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5
115 29.5 25.0 37.6

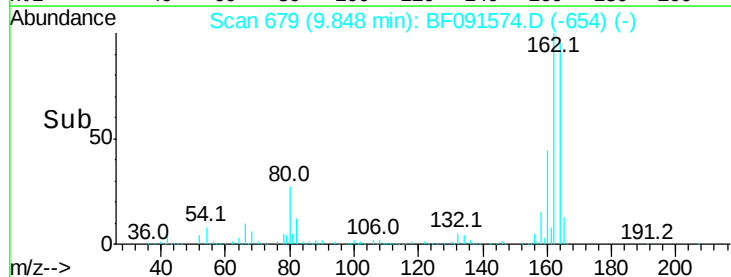
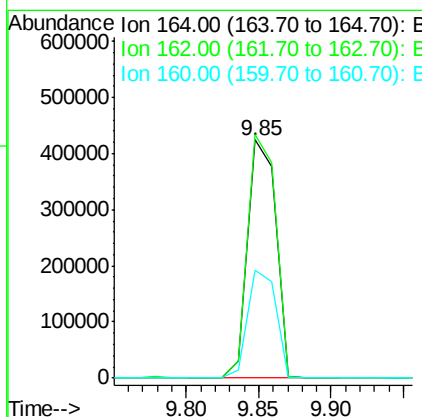
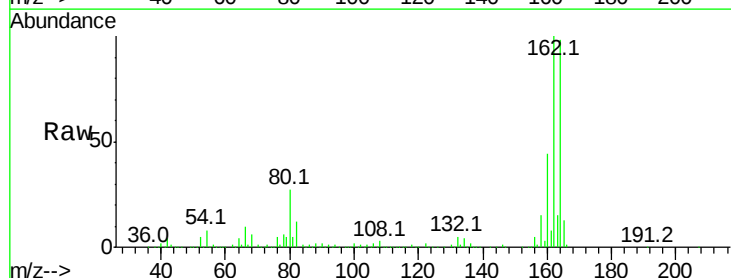
Manual Integrations
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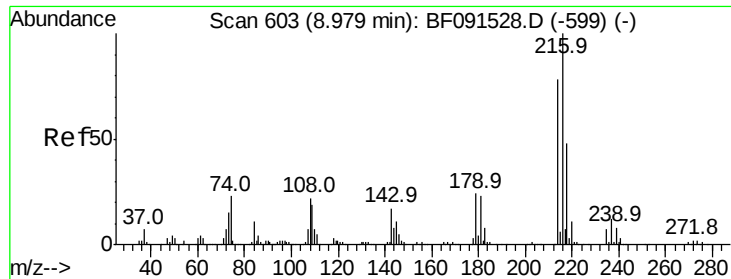
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:164 Resp: 572855
Ion Ratio Lower Upper
164 100
162 102.1 82.6 124.0
160 45.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.67 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

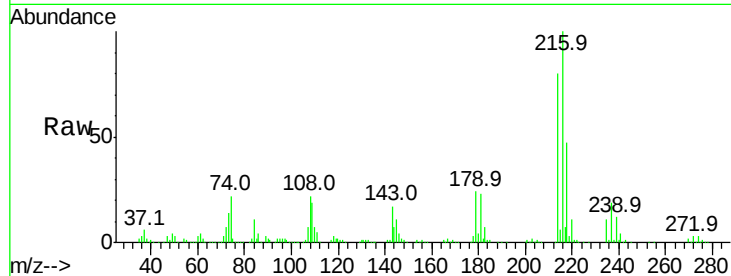
ClientSampleId :

WC120716MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.8	95.8
179	23.4	18.2	27.2
108	23.6	17.2	25.8

Manual Integrations
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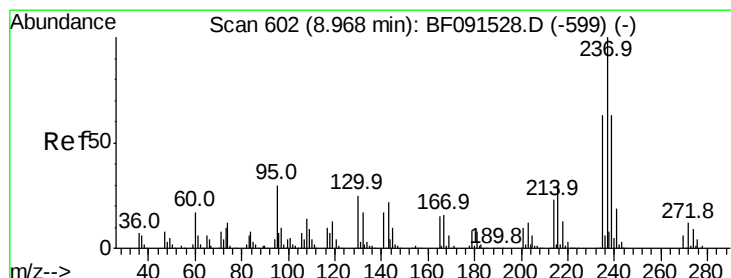
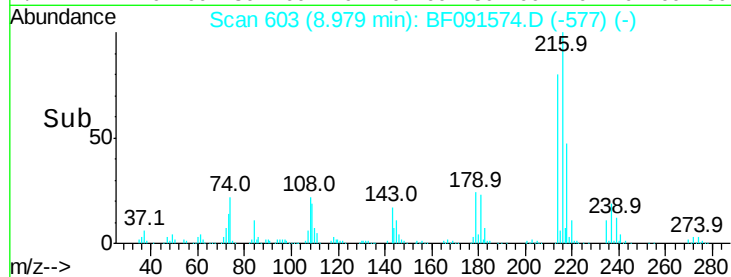
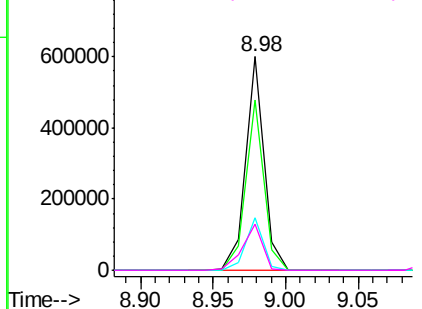


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.63 ng

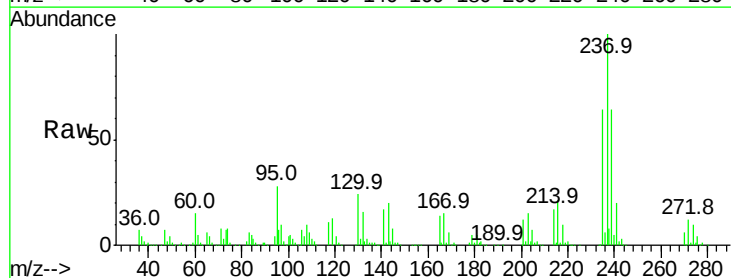
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

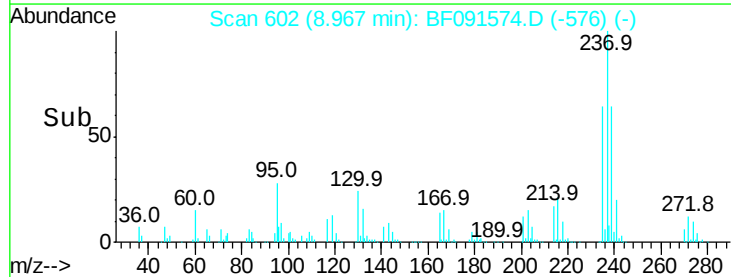
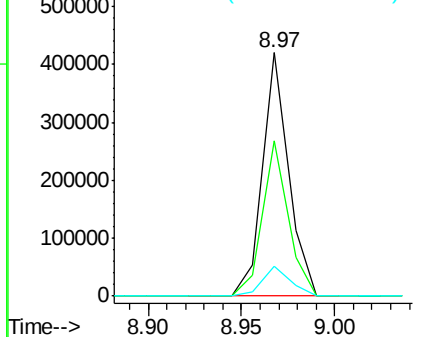
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	43.9	83.9
272	12.4	0.0	33.1

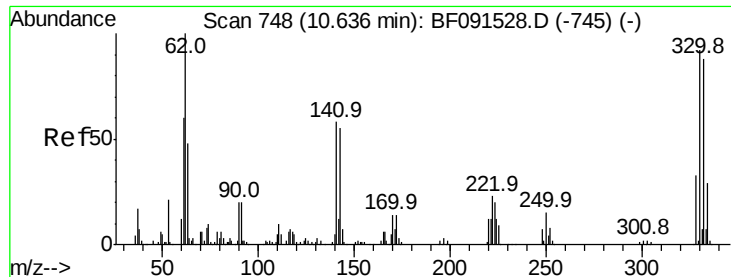


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





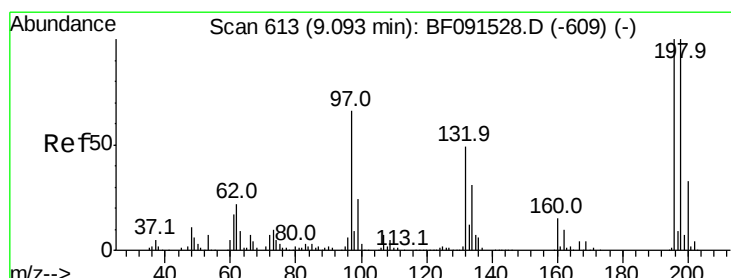
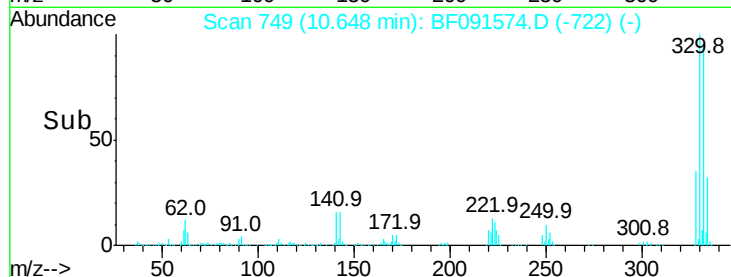
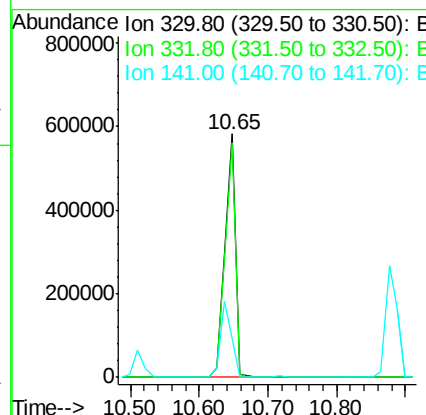
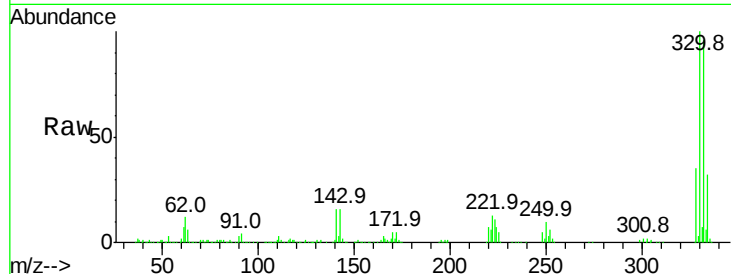
#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	630654		
332	96.2	76.2	114.4	
141	32.9	33.6	50.4	

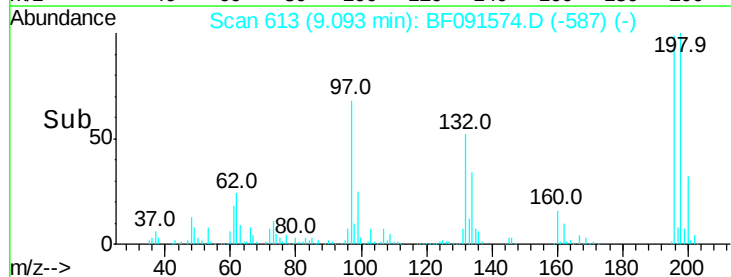
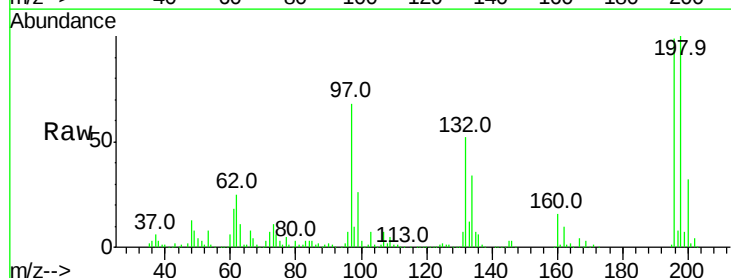
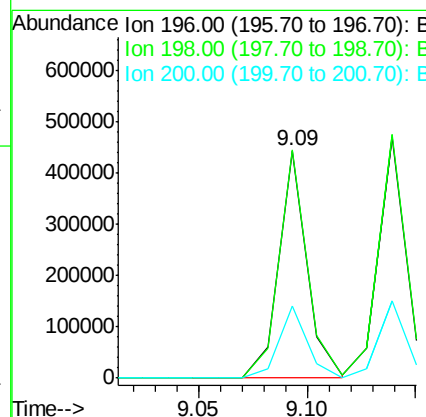
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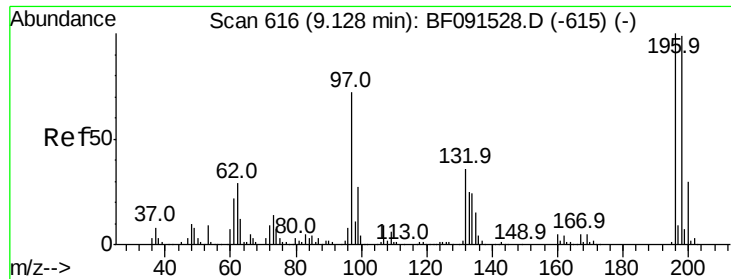
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#42
 2,4,6-Trichlorophenol
 Concen: 40.24 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406225		
198	100.6	77.4	116.0	
200	31.8	25.2	37.8	





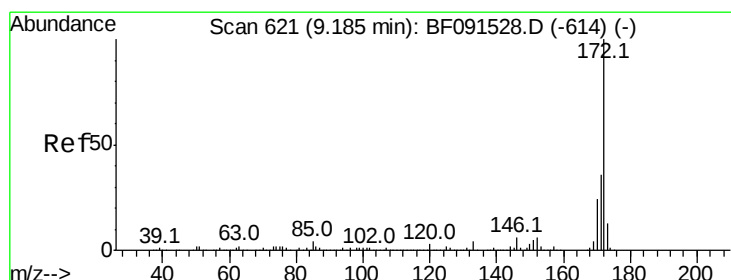
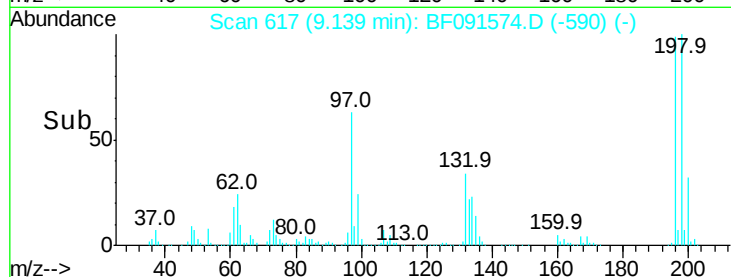
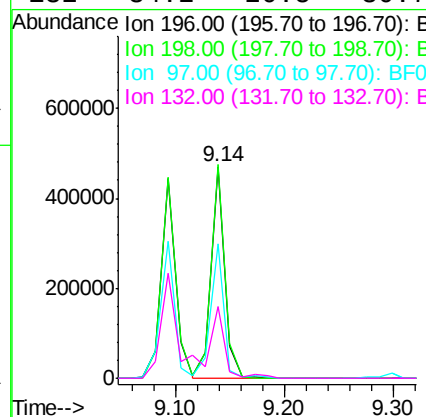
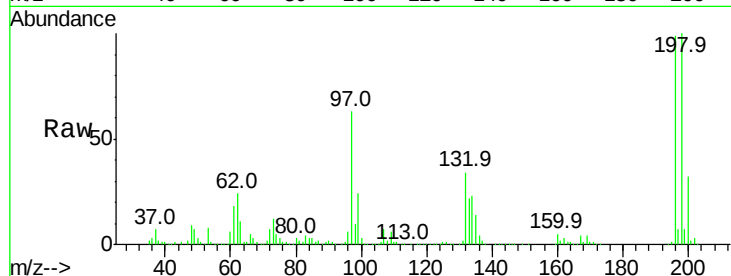
#43
 2,4,5-Trichlorophenol
 Concen: 40.33 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	77.0	115.6	
97	63.9	33.5	50.3	
132	34.2	20.5	30.7	

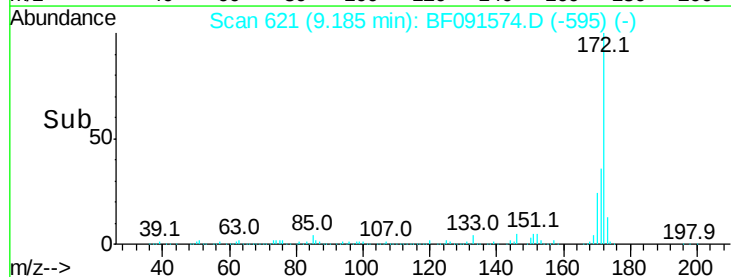
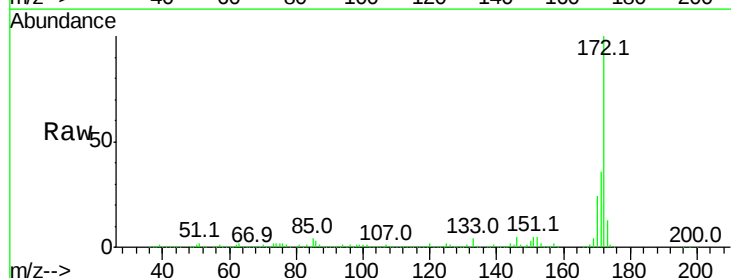
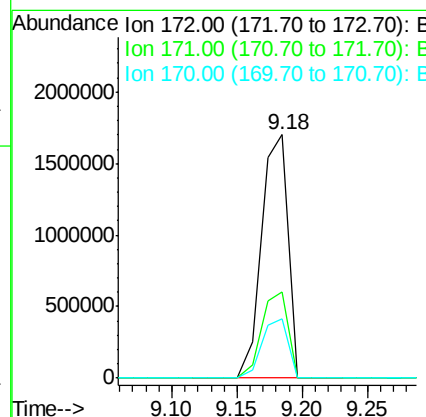
Manual Integrations
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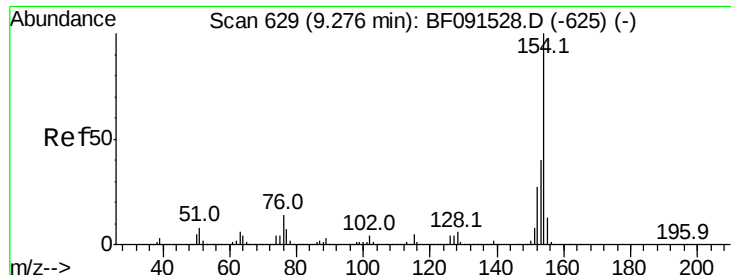
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#44
 2-Fluorobiphenyl
 Concen: 72.45 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.4	44.0	
170	24.2	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 36.95 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:154 Resp: 1533175

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

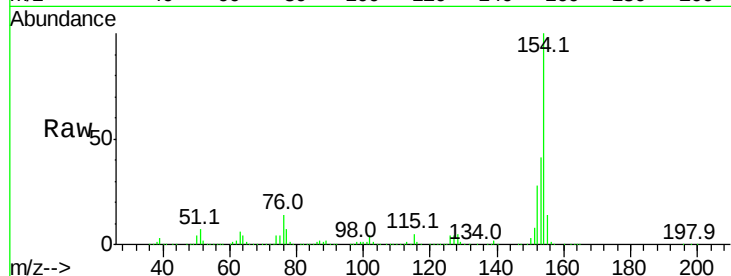
76 14.5 0.0 36.6

Manual Integrations

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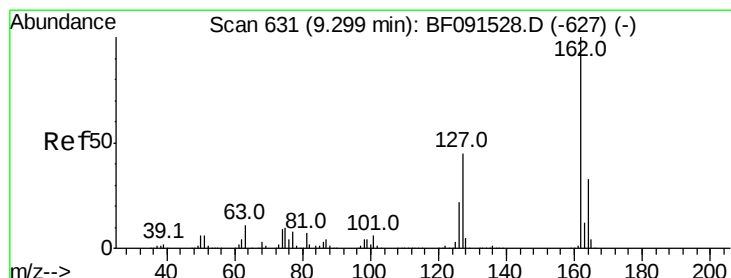
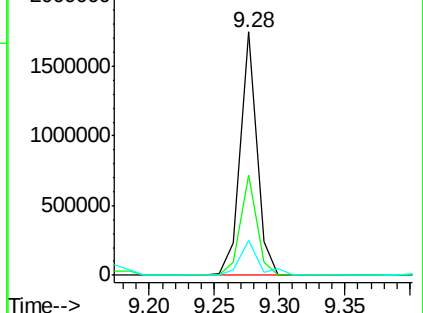
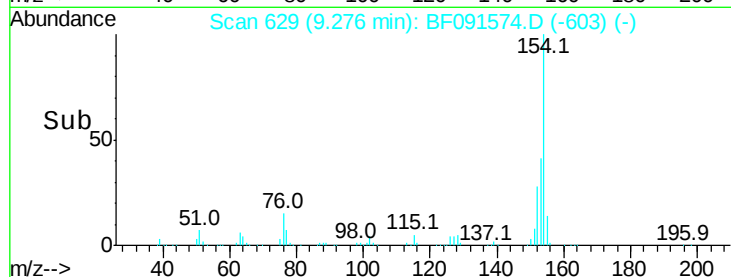
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.46 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

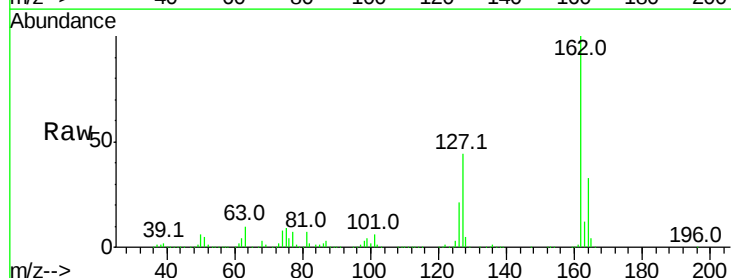
Tgt Ion:162 Resp: 1171323

Ion Ratio Lower Upper

162 100

127 43.5 34.3 51.5

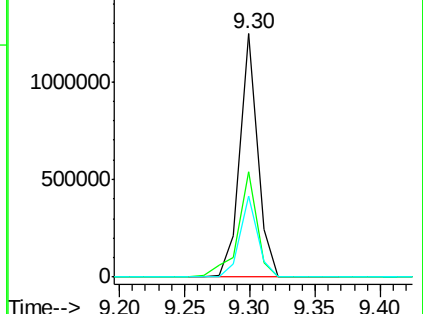
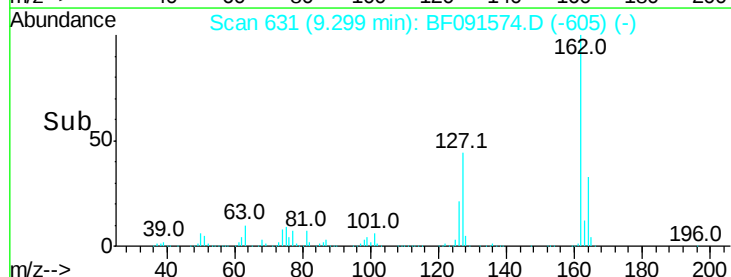
164 33.4 26.6 40.0

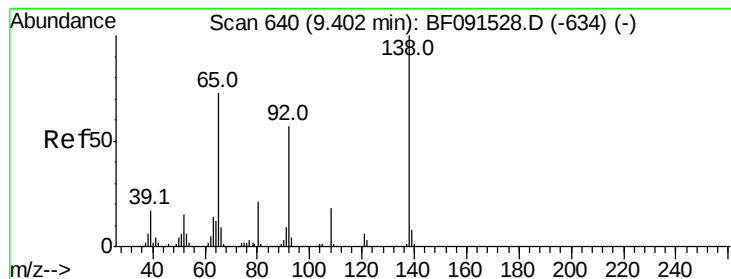


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.10 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion: 65 Resp: 454847

Ion Ratio Lower Upper

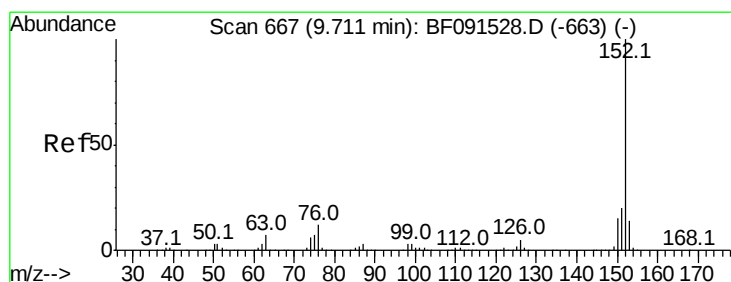
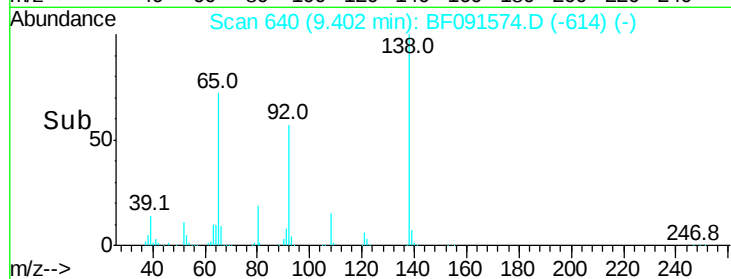
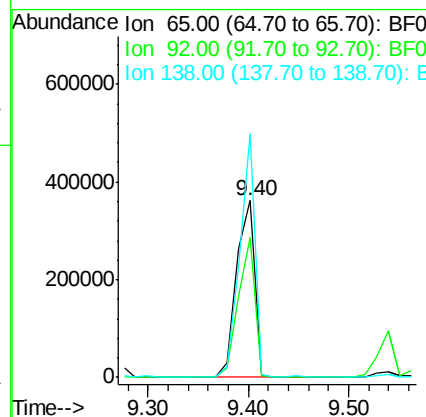
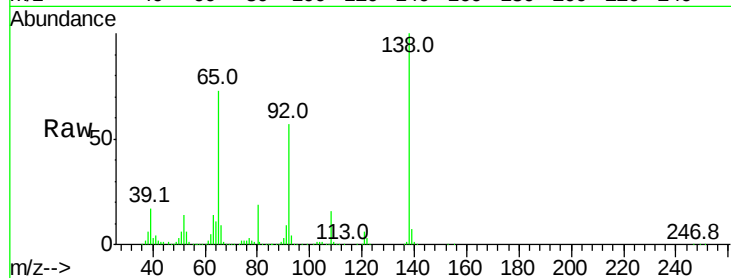
65 100

92 78.9 53.6 80.4

138 137.6 91.0 136.6#

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#48

Acenaphthylene

Concen: 38.75 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

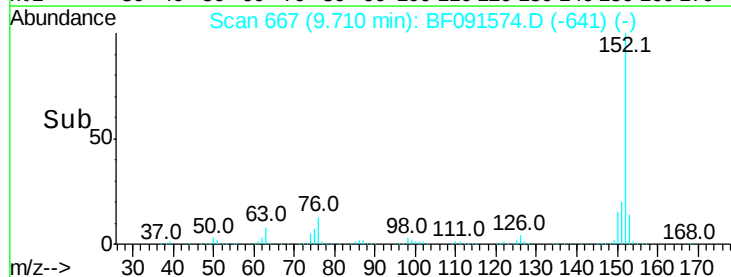
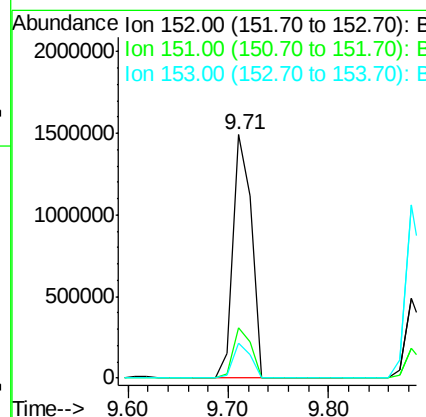
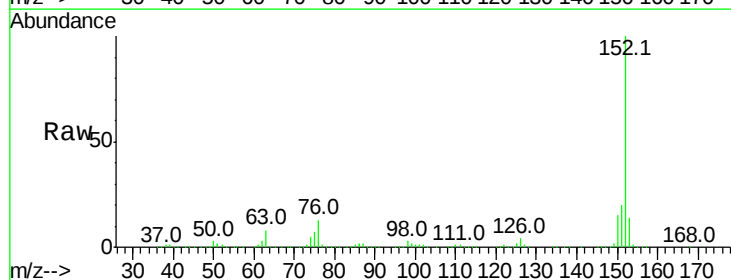
Tgt Ion: 152 Resp: 1898030

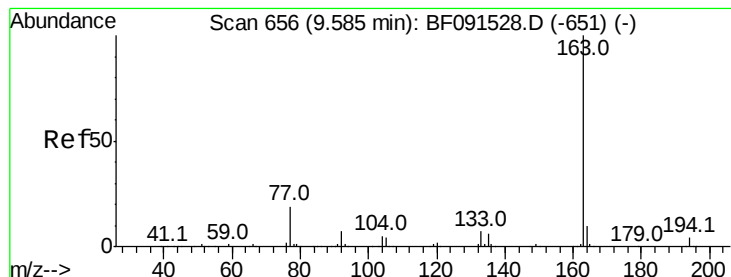
Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.3 10.7 16.1





#49

Dimethylphthalate

Concen: 46.31 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:163 Resp: 1679812

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

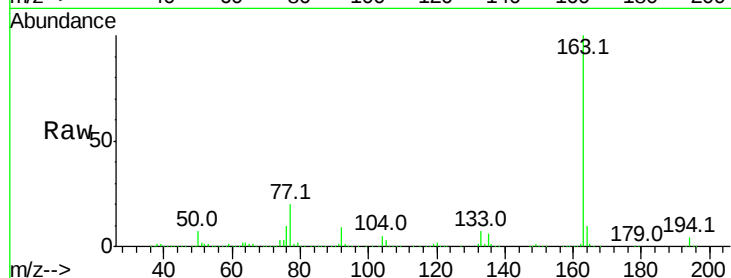
164 10.5 7.8 11.8

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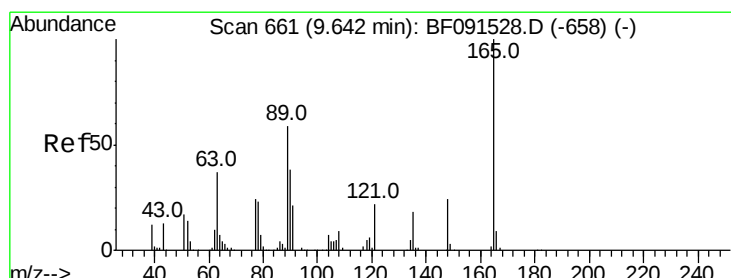
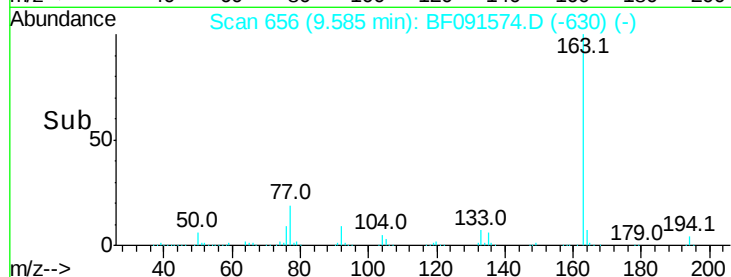
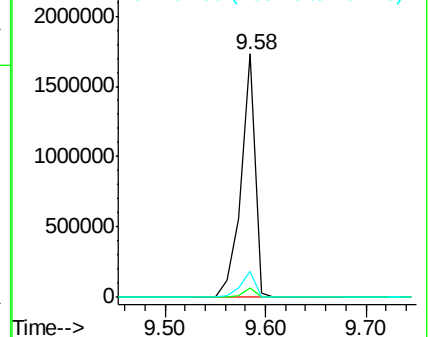
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.07 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

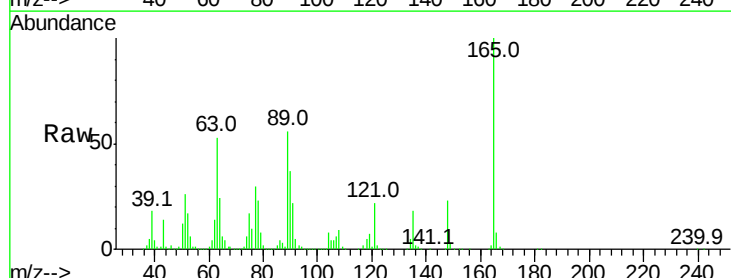
Tgt Ion:165 Resp: 374704

Ion Ratio Lower Upper

165 100

63 53.3 59.4 89.0#

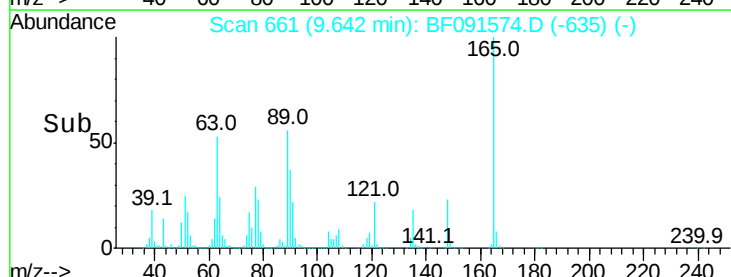
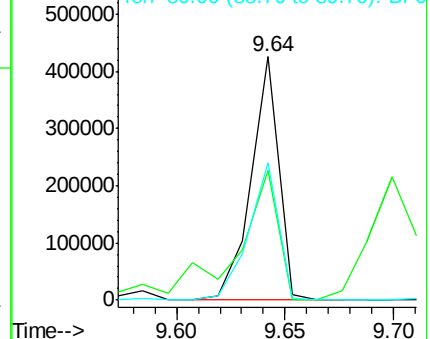
89 56.4 50.8 76.2

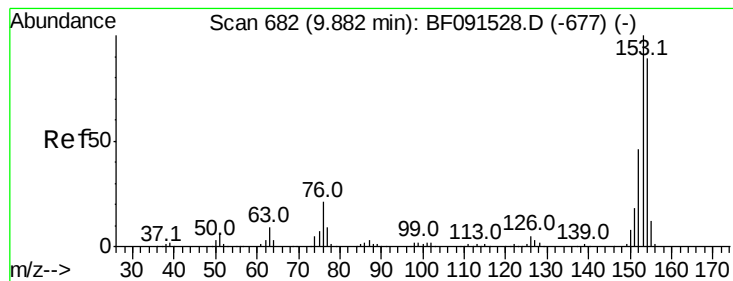


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.74 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:154 Resp: 1283713

Ion Ratio Lower Upper

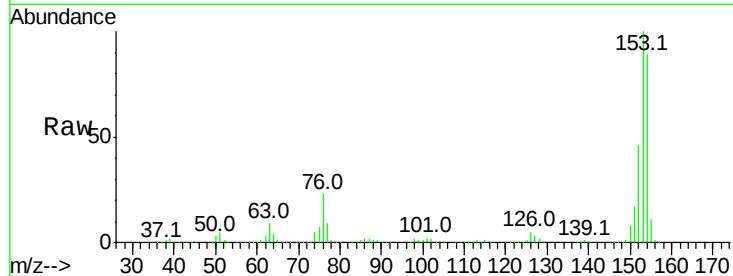
154 100

153 111.9 91.0 136.6

152 52.0 44.2 66.2

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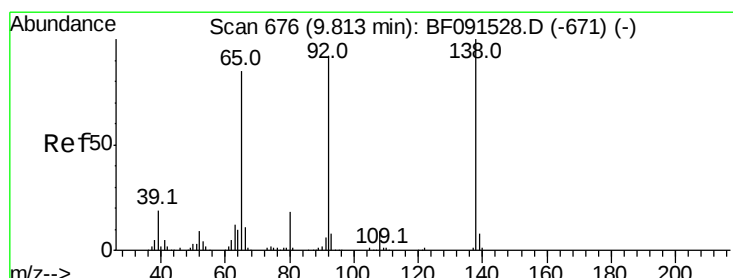
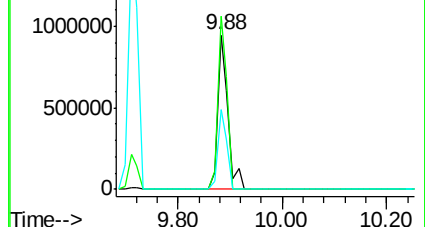
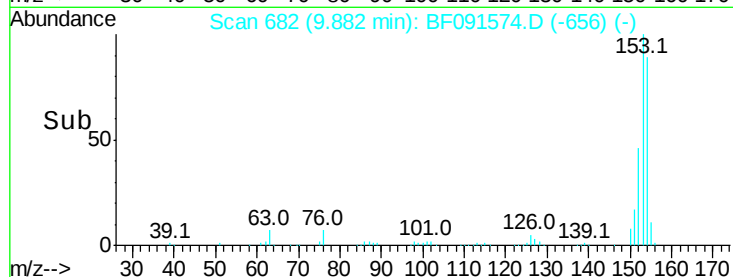
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.56 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

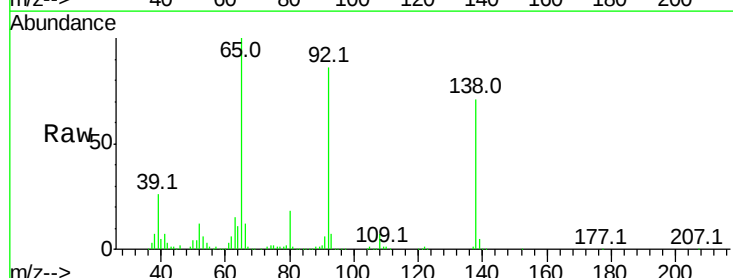
Tgt Ion:138 Resp: 154862

Ion Ratio Lower Upper

138 100

108 10.6 8.1 12.1

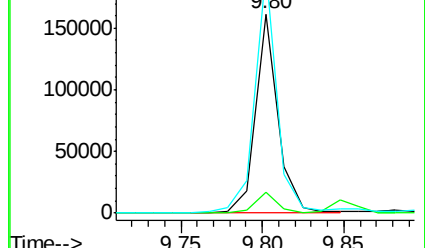
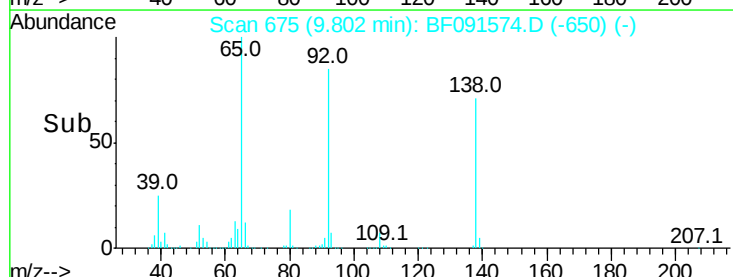
92 122.3 92.5 138.7

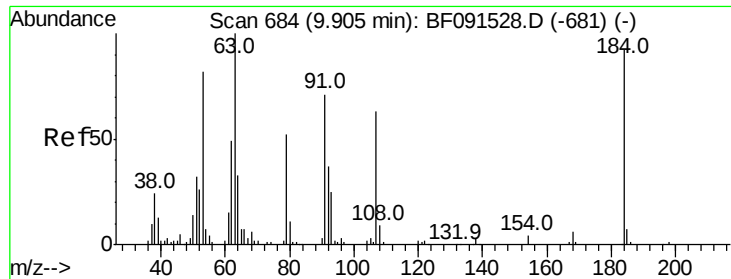


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





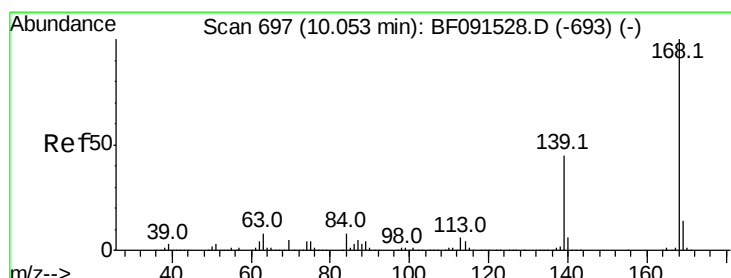
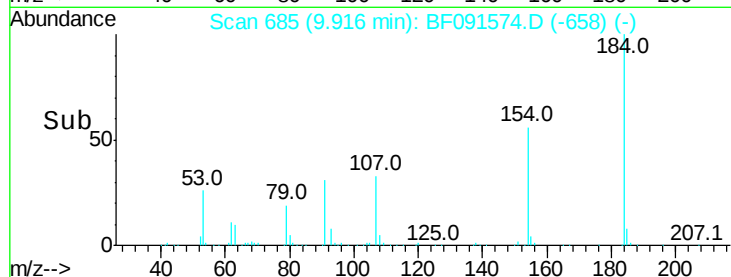
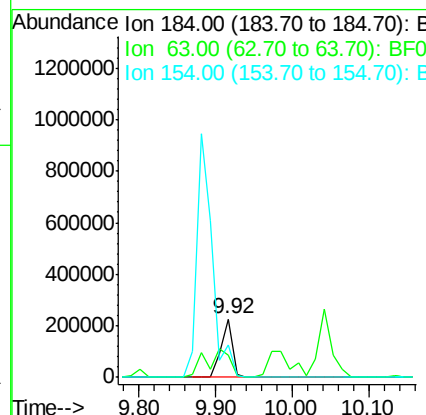
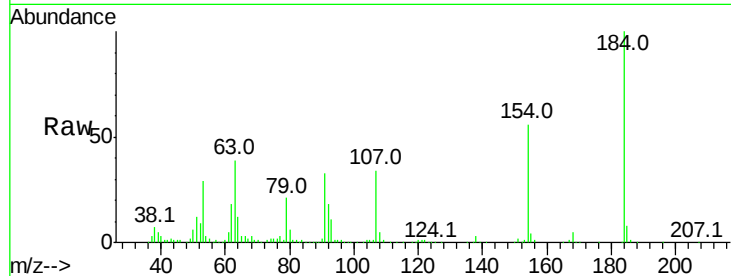
#53
2,4-Dinitrophenol
Concen: 57.94 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	38.7	58.3	87.5#
154	56.2	48.6	73.0

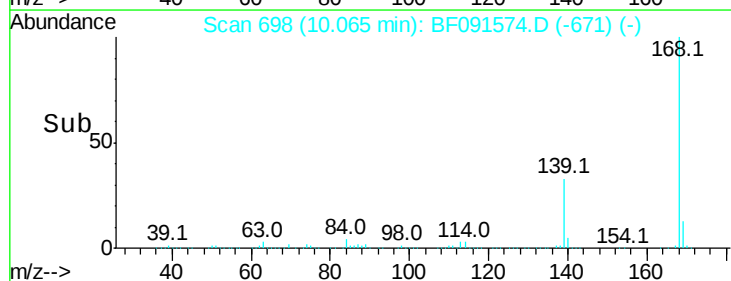
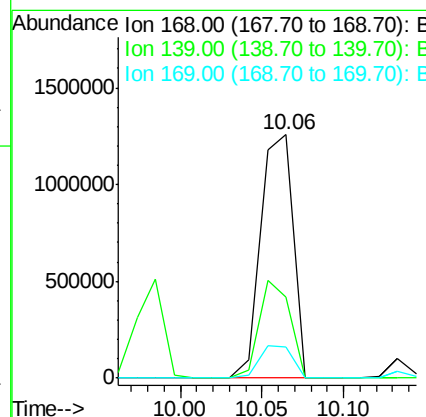
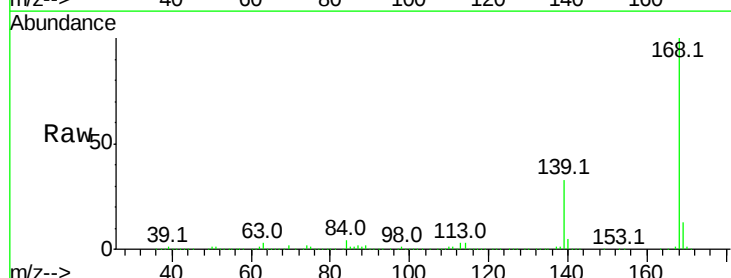
Manual Integrations
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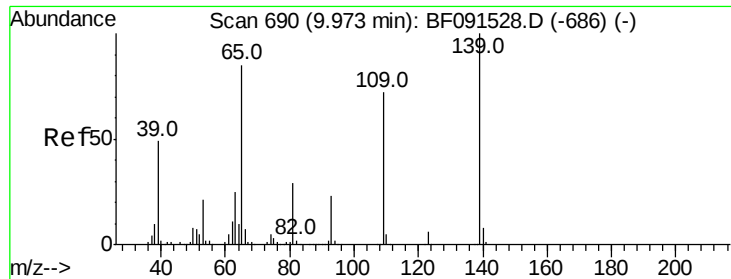
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#54
Dibenzofuran
Concen: 41.49 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.5	33.4	50.2
169	13.0	11.1	16.7





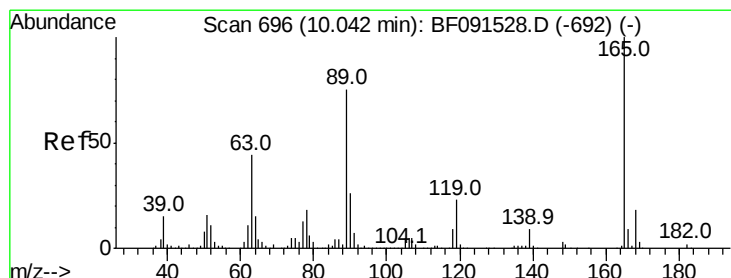
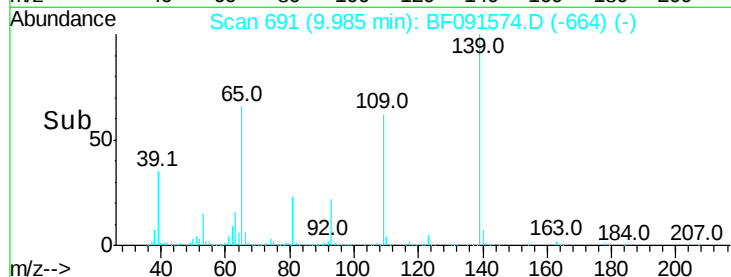
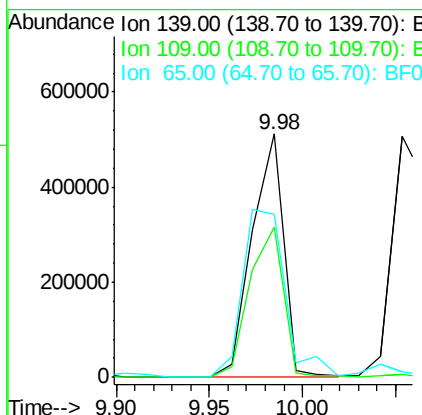
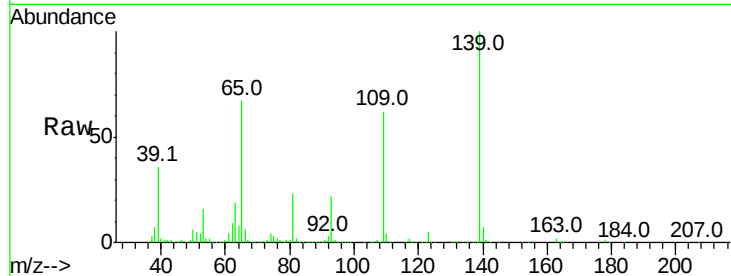
#55
4-Nitrophenol
Concen: 86.16 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.8	54.9	94.9	
65	66.7	102.2	142.2	

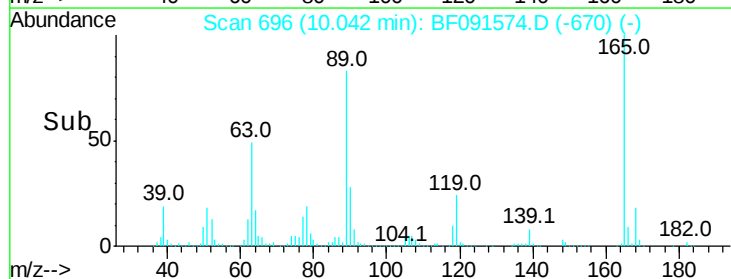
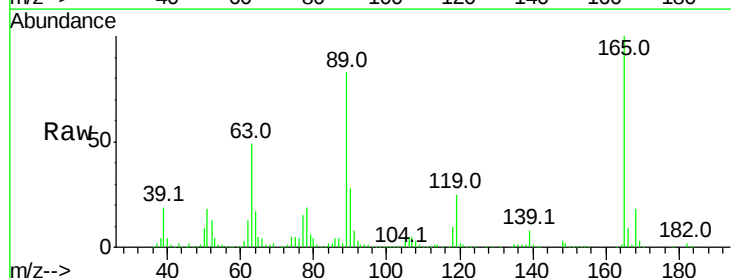
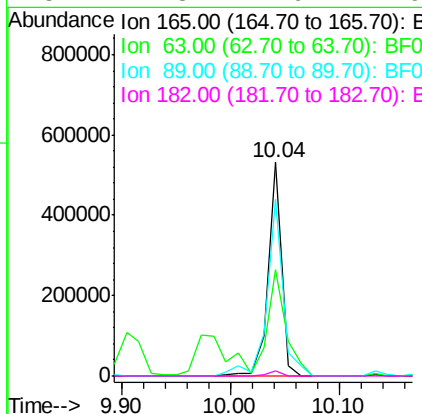
Manual Integrations
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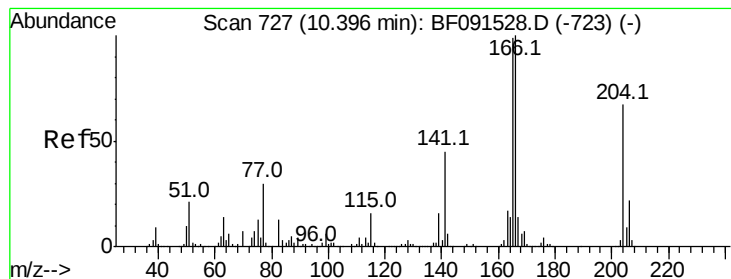
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#56
2,4-Dinitrotoluene
Concen: 46.42 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	29.0	43.4	#
89	82.9	43.1	64.7	#
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 40.80 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:166 Resp: 1241081

Ion Ratio Lower Upper

166 100

165 97.8 80.0 120.0

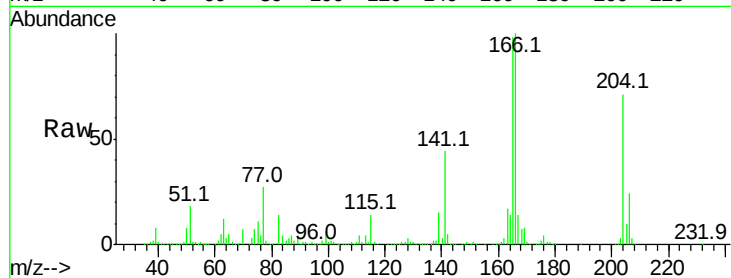
167 14.2 10.8 16.2

Manual Integrations

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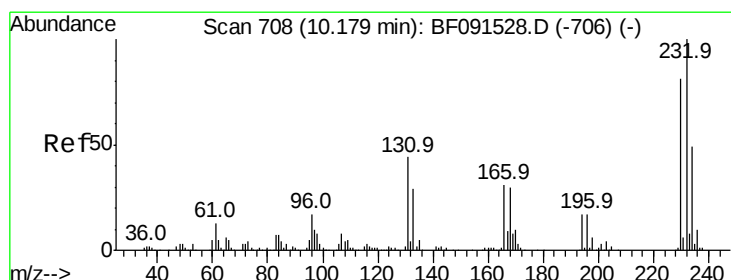
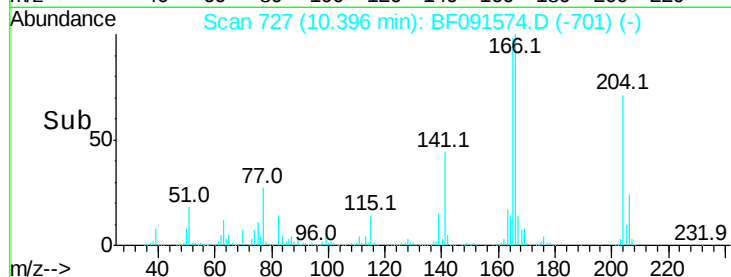
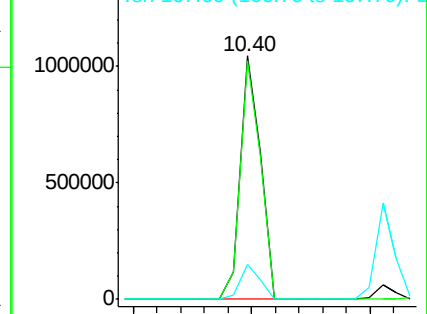
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.11 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion:232 Resp: 366375

Ion Ratio Lower Upper

232 100

131 51.9 38.4 57.6

130 2.5 1.8 2.8

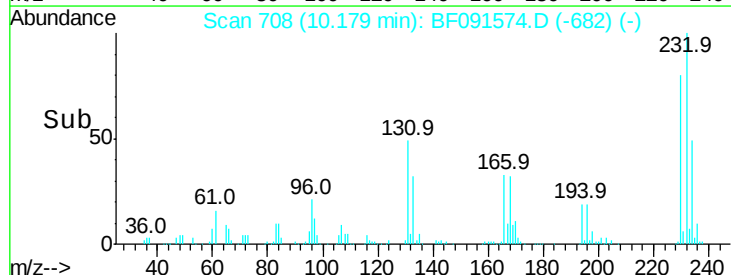
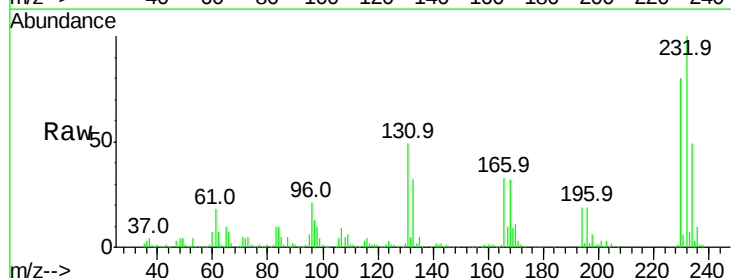
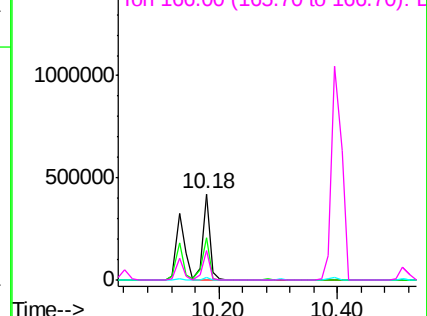
166 33.1 23.9 35.9

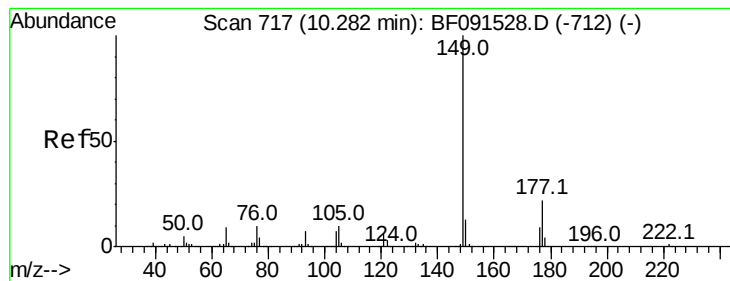
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.83 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:149 Resp: 1600667

Ion Ratio Lower Upper

149 100

177 22.2 15.7 23.5

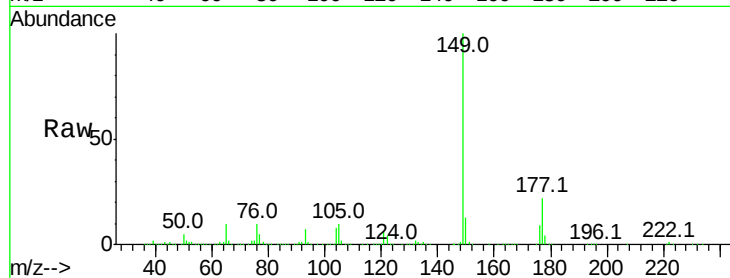
150 12.8 10.2 15.2

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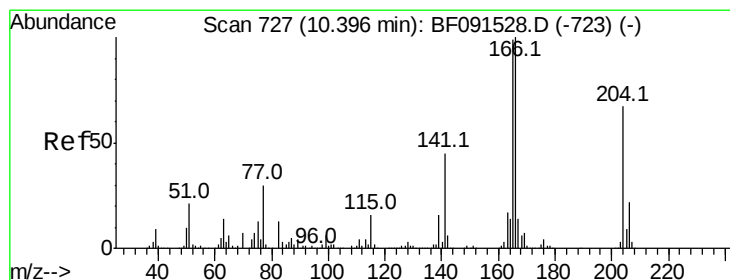
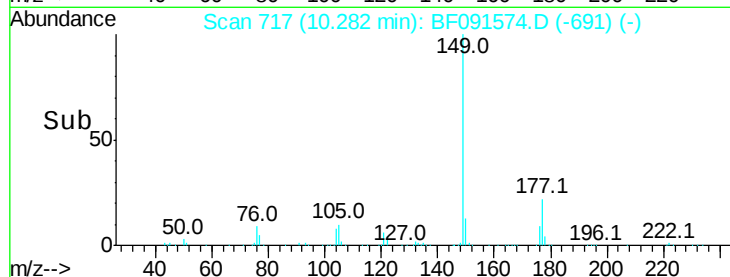
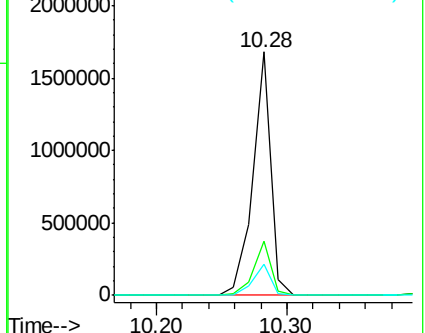
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.99 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

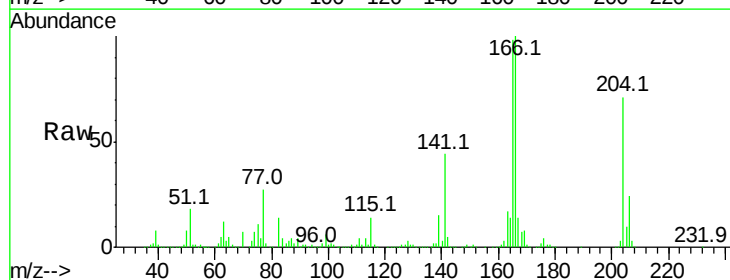
Tgt Ion:204 Resp: 635503

Ion Ratio Lower Upper

204 100

206 33.1 26.1 39.1

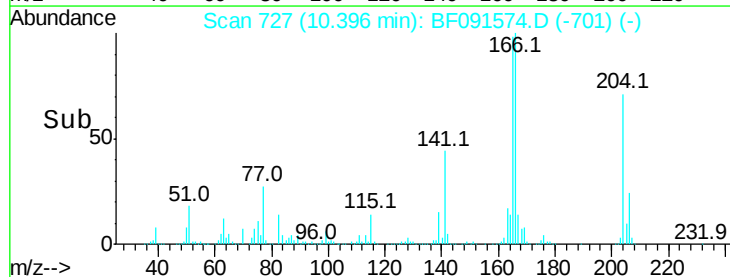
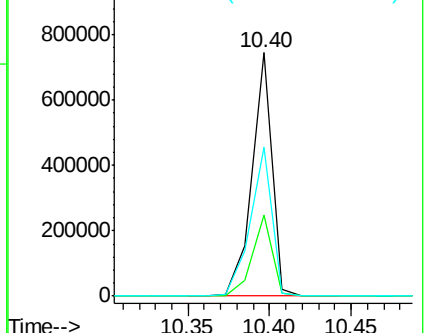
141 61.1 40.6 61.0#

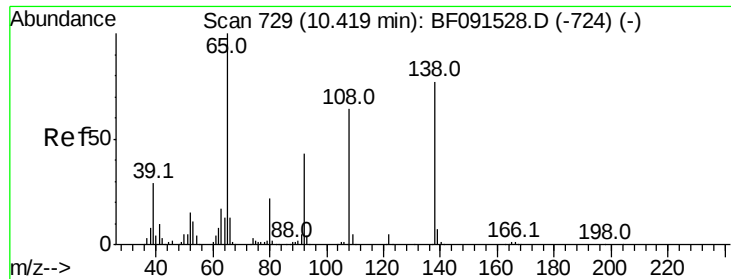


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





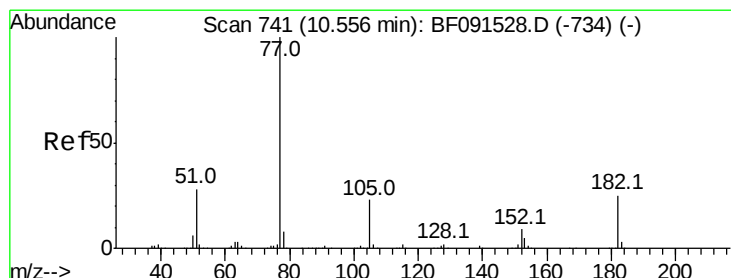
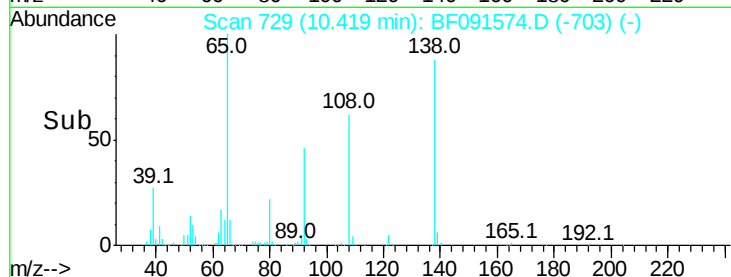
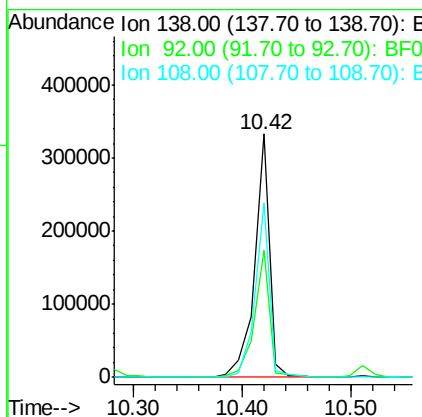
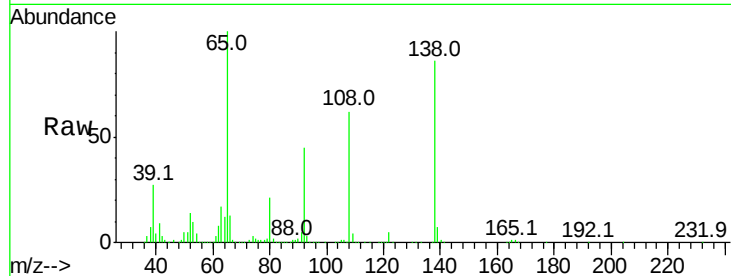
#61
4-Nitroaniline
Concen: 34.66 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.2	26.9	66.9
108	71.5	49.1	89.1

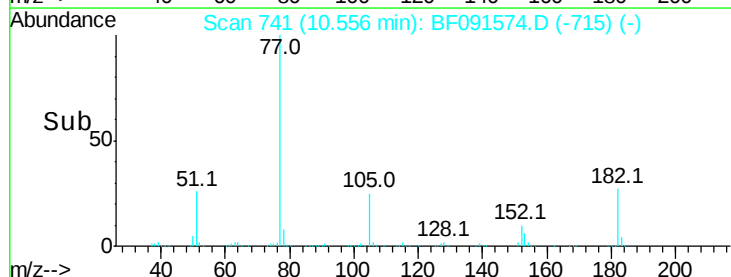
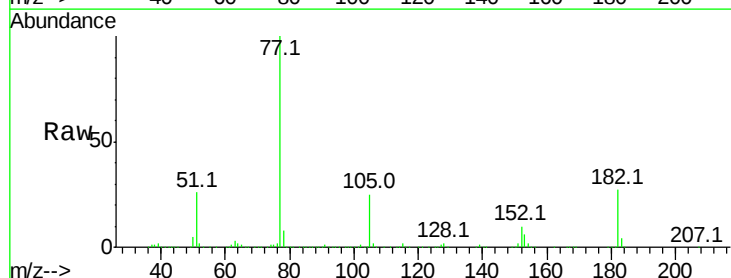
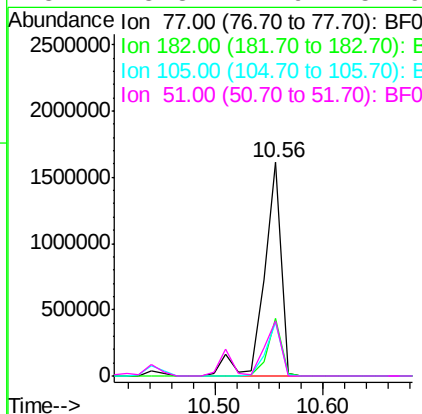
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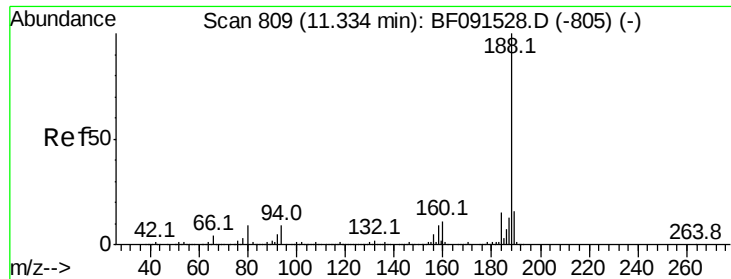
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#62
Azobenzene
Concen: 45.26 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	12.5	52.5
105	25.2	3.7	43.7
51	25.8	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

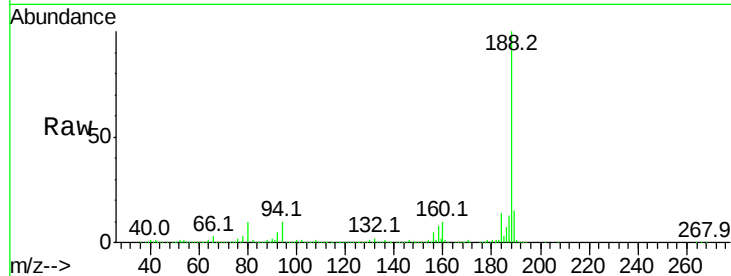
ClientSampleId :

WC120716MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.2	13.8
80	10.1	10.5	15.7#

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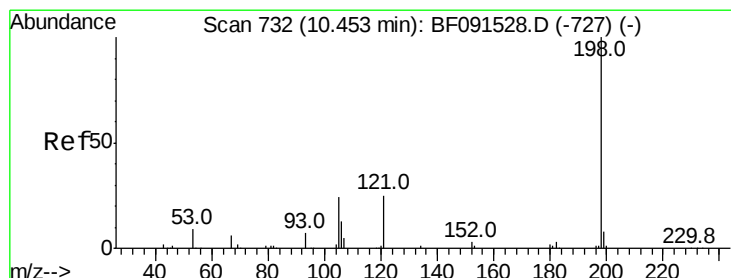
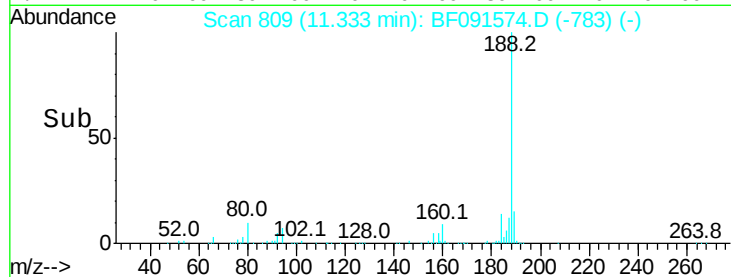
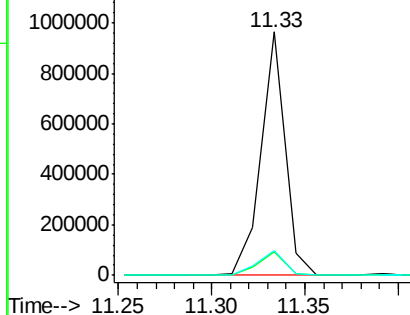
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.76 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091574.D

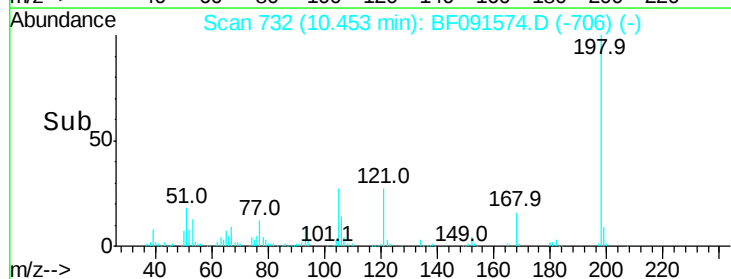
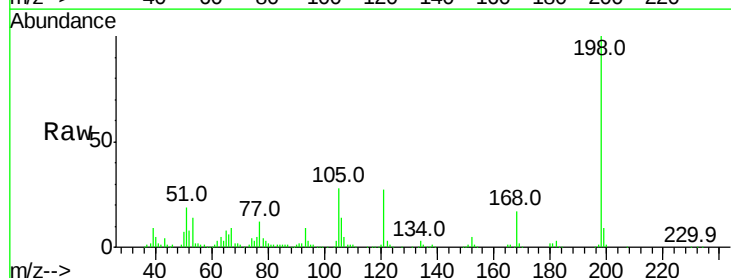
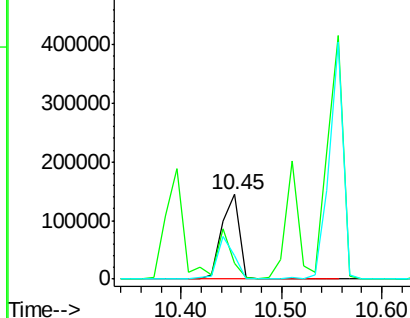
Acq: 14 Dec 2016 2:25

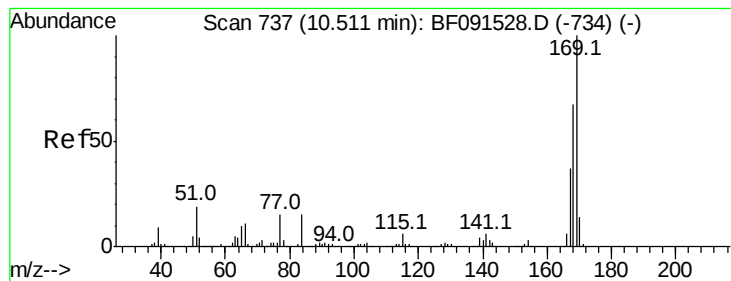
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	18.6	77.1	117.1#
105	27.5	44.8	84.8#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





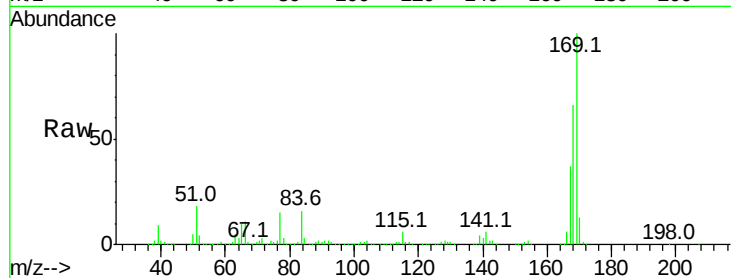
#65
n-Nitrosodiphenylamine
Concen: 47.41 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

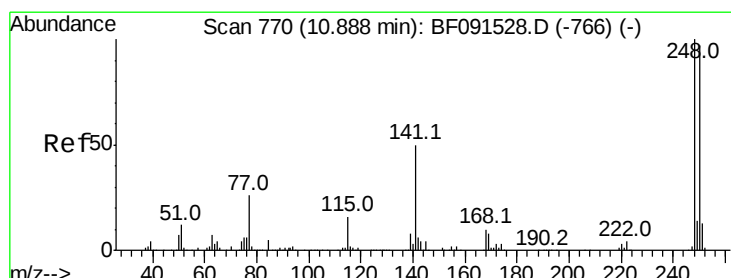
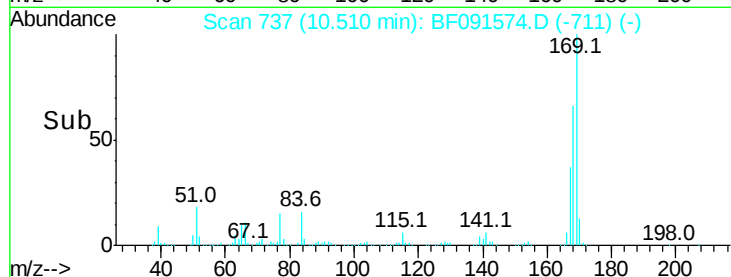
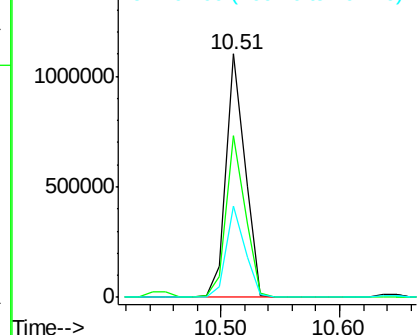
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.8	80.8
167	37.4	29.8	44.8

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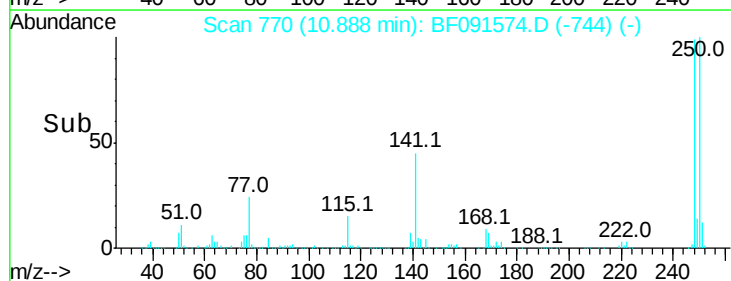
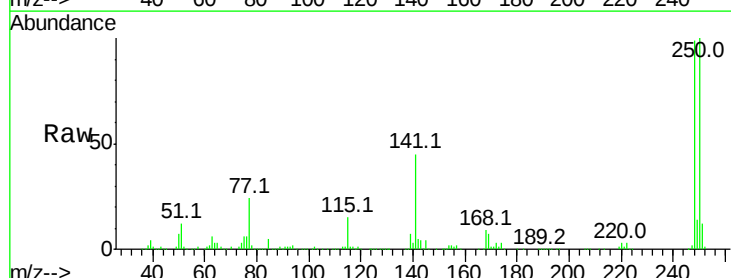
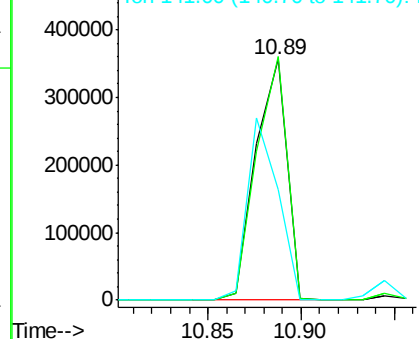
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

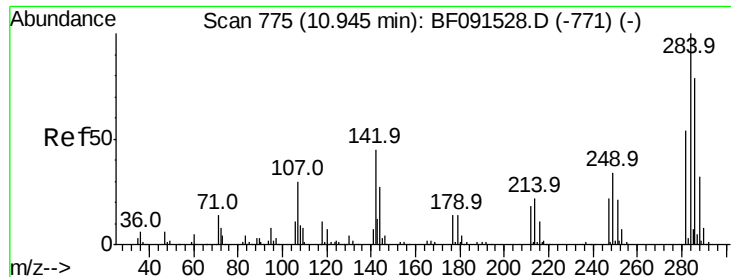


#66
4-Bromophenyl-phenylether
Concen: 47.07 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.1	78.2	117.4
141	45.6	71.9	107.9#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.01 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

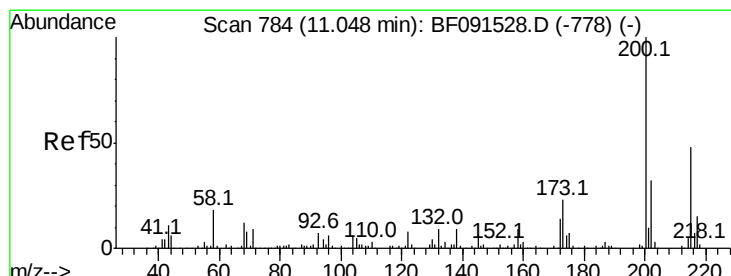
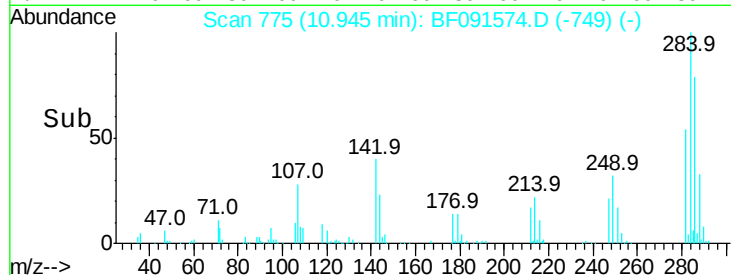
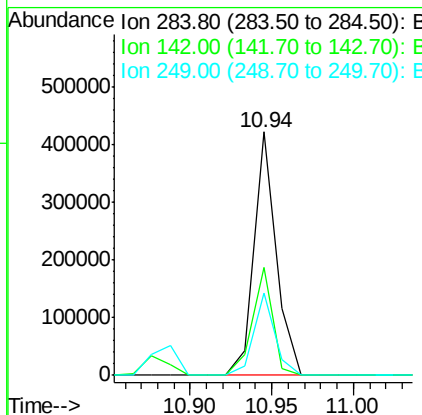
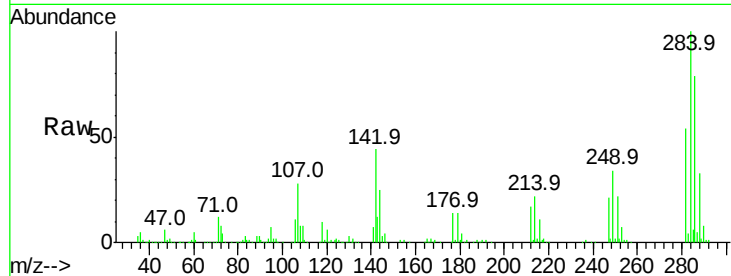
ClientSampleId :

WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	44.2	17.9	26.9#	
249	34.0	23.6	35.4	

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#68

Atrazine

Concen: 53.27 ng

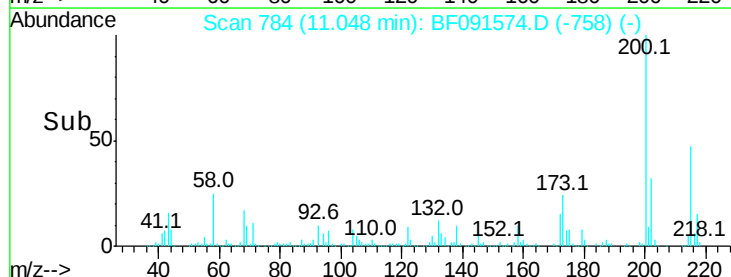
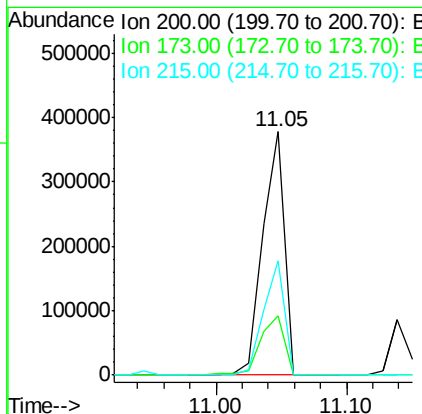
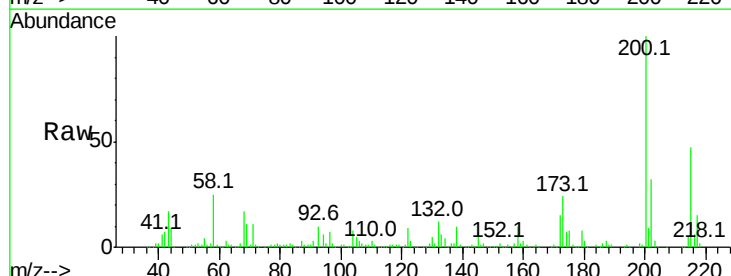
RT: 11.05 min Scan# 784

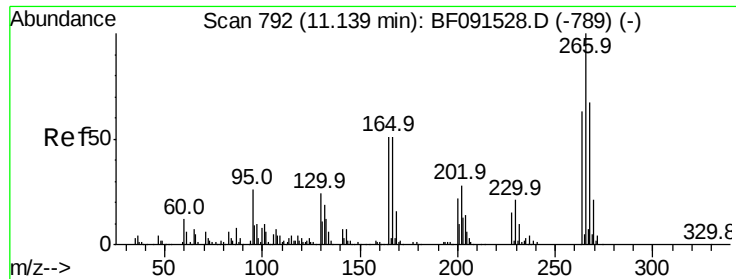
Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.4	7.8	47.8	
215	46.8	24.3	64.3	





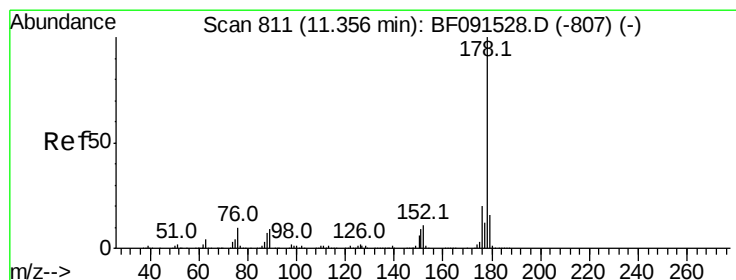
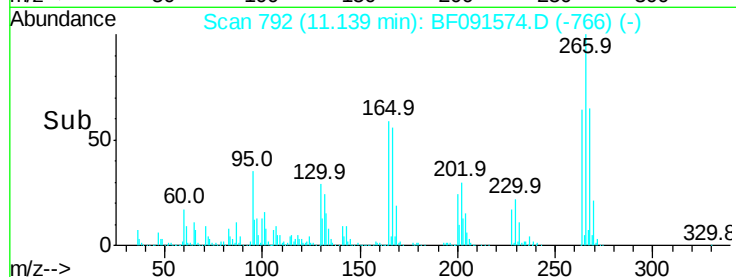
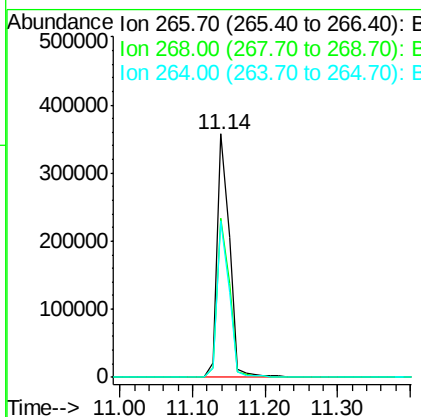
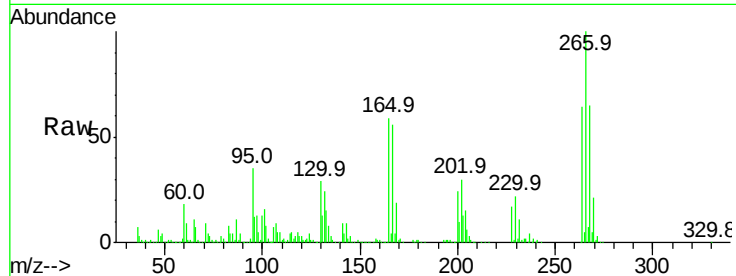
#69
 Pentachlorophenol
 Concen: 82.76 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	424348		
268	65.3	50.3	75.5	
264	64.3	48.2	72.2	

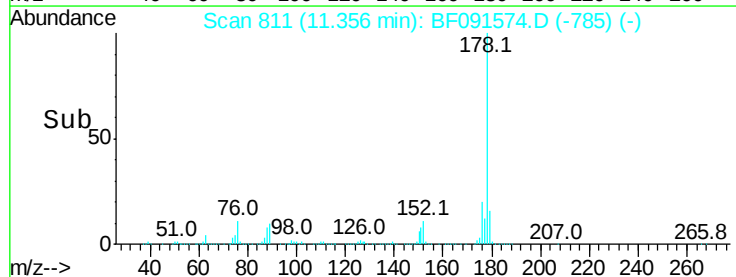
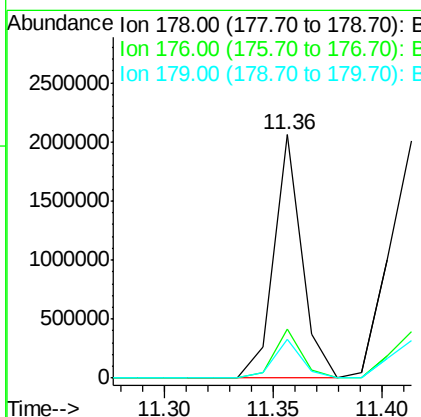
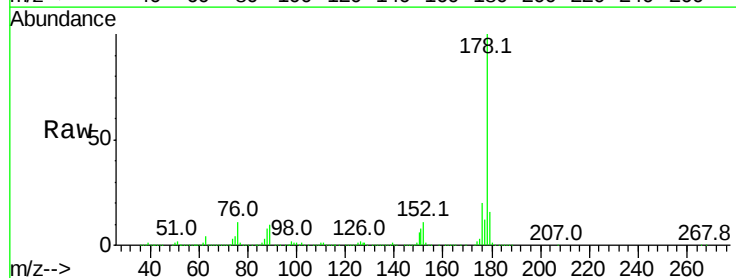
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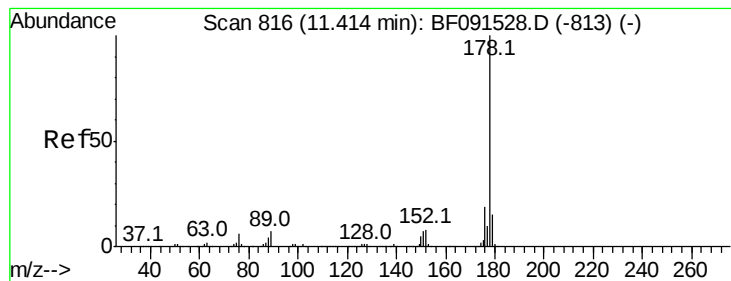
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#70
 Phenanthrene
 Concen: 44.04 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1863809		
176	20.0	15.9	23.9	
179	16.2	12.6	18.8	





#71
 Anthracene
 Concen: 46.34 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

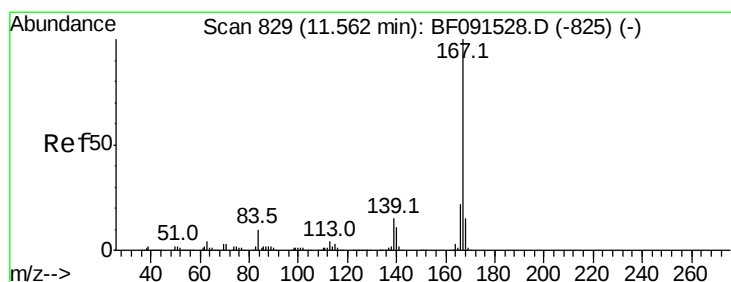
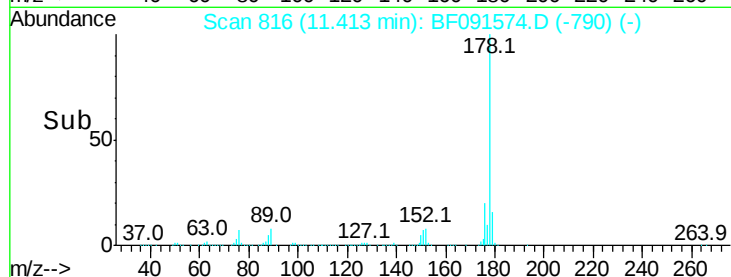
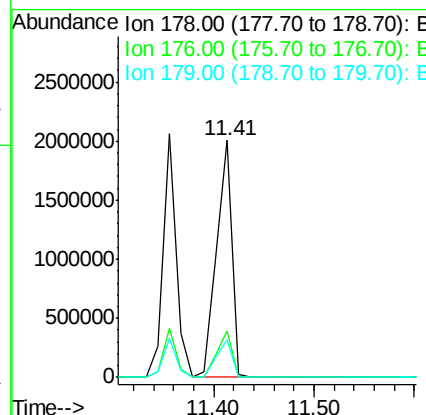
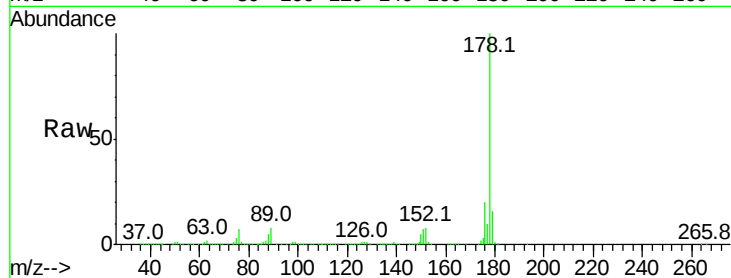
Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion:178 Resp: 2115317

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.8	12.7	19.1

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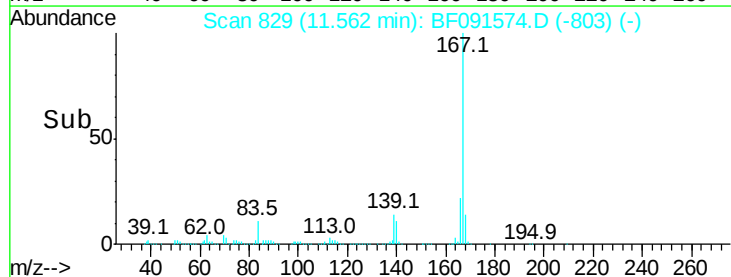
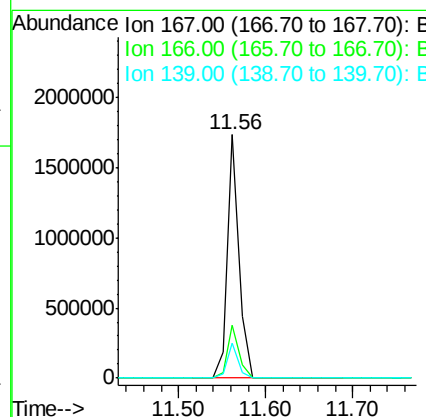
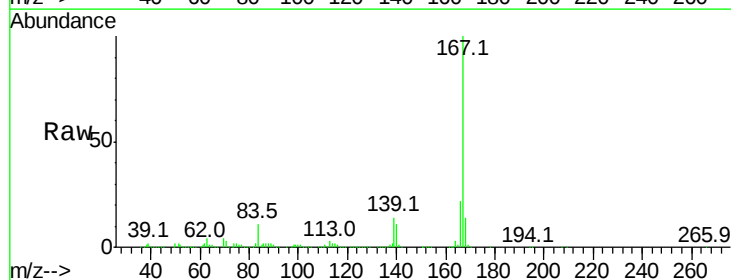
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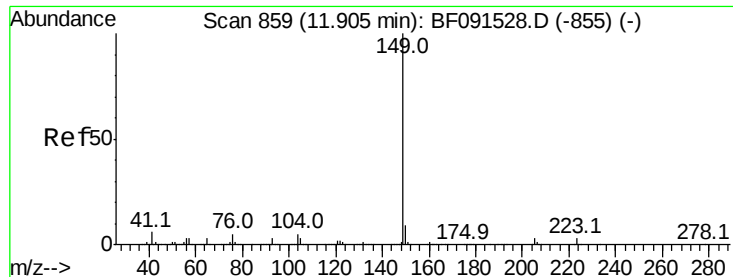


#72
 Carbazole
 Concen: 41.04 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:167 Resp: 1642042

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	14.3	11.5	17.3





#73

Di-n-butylphthalate

Concen: 50.65 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

ClientSampleId :

WC120716MS

Tot Ion:149 Resp: 2361252

Ion Ratio Lower Upper

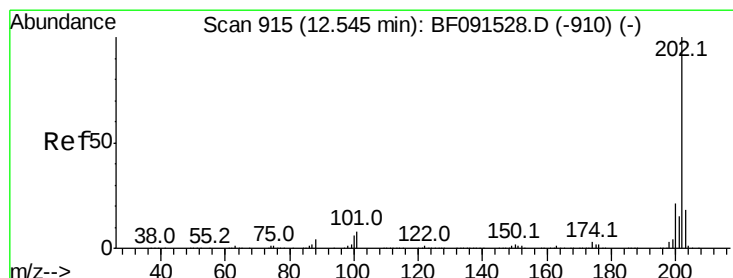
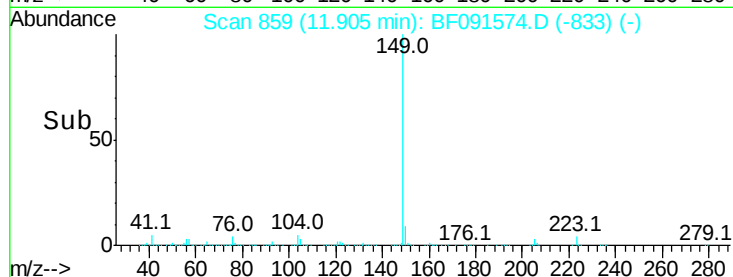
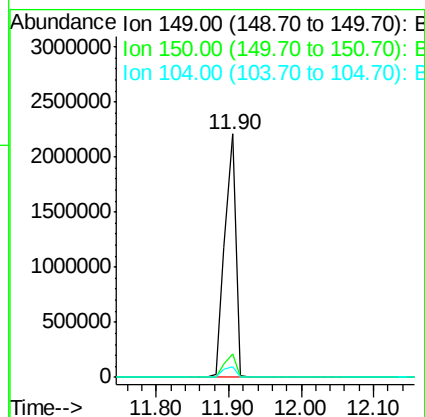
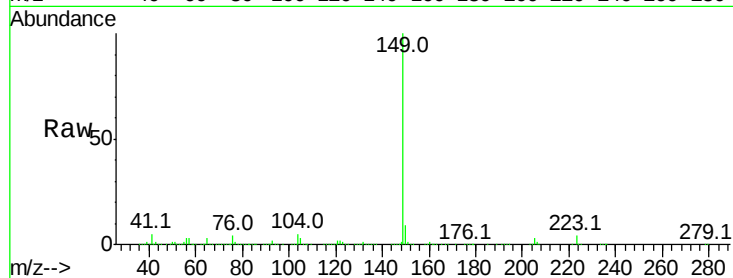
149 100

150 9.5 7.5 11.3

104 4.5 4.0 6.0

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#74

Fluoranthene

Concen: 41.92 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

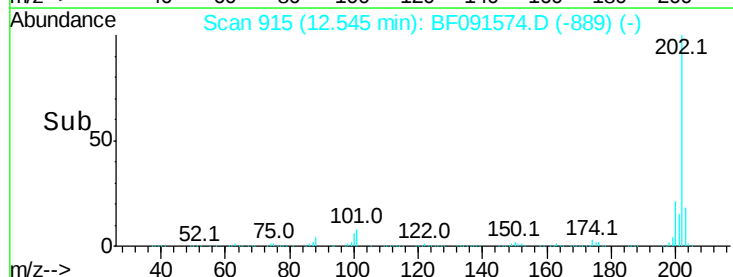
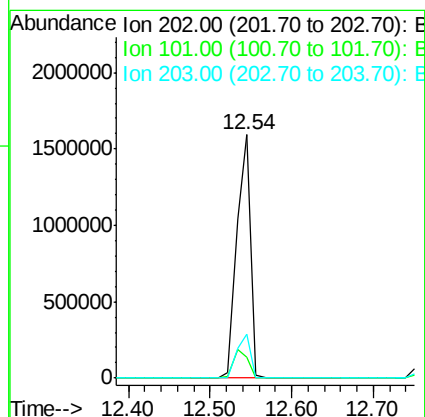
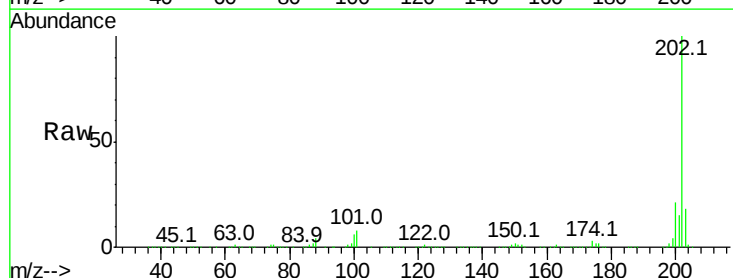
Tgt Ion:202 Resp: 1857741

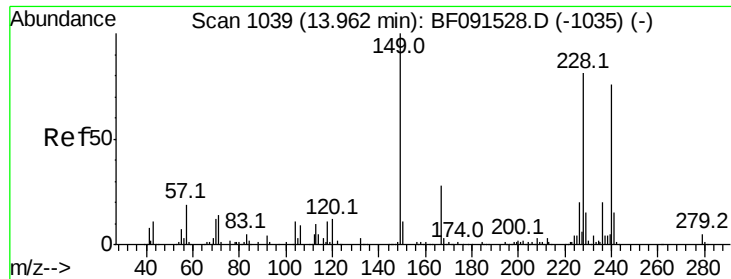
Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.5

203 17.9 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Instrument :

BNA_F

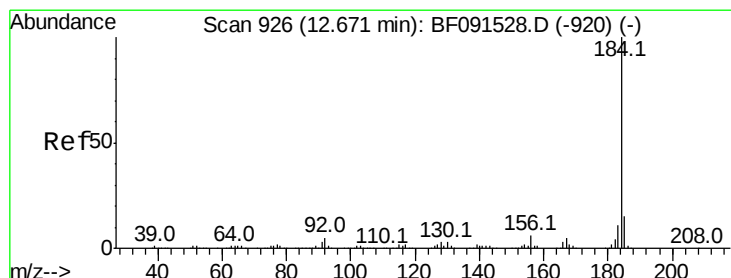
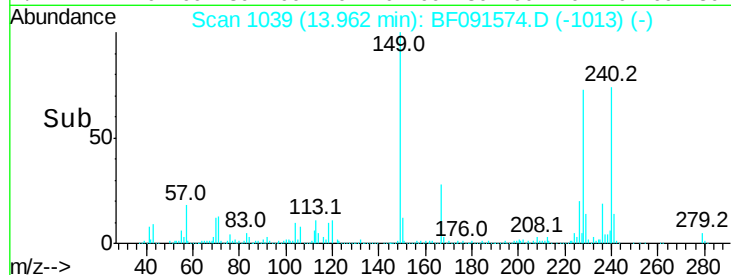
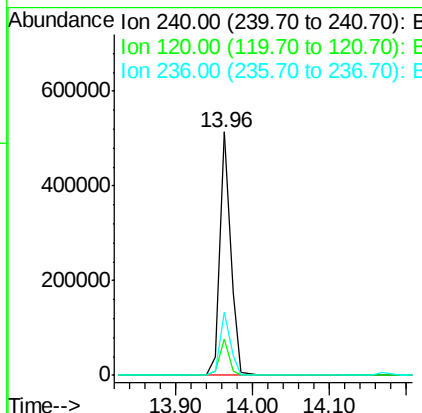
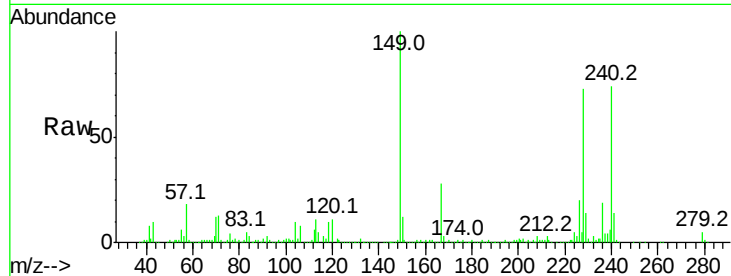
ClientSampleId :

WC120716MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	508988		
120	15.1	12.1	18.1	
236	25.8	21.0	31.6	

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#76

Benzidine

Concen: 34.68 ng

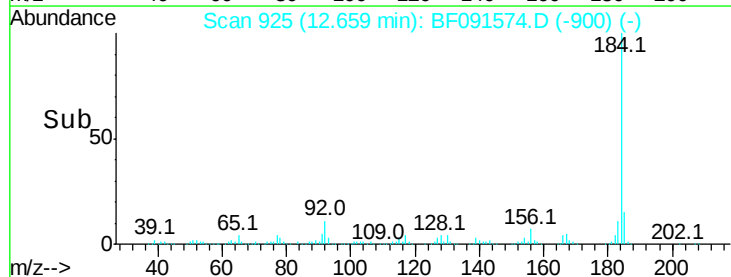
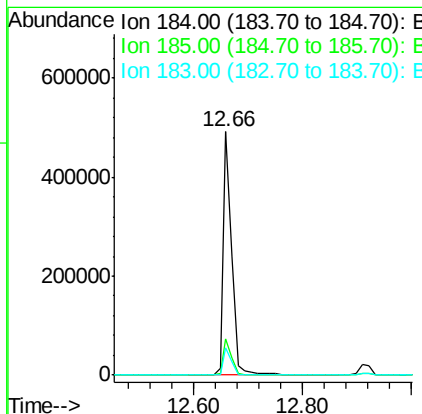
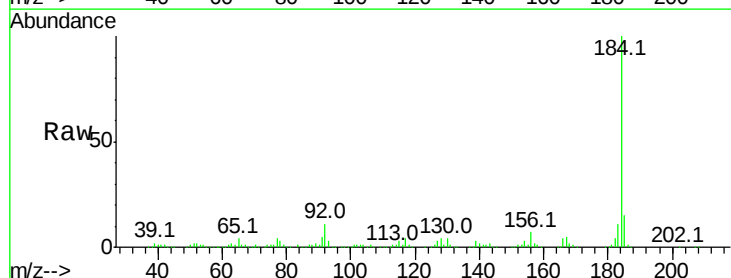
RT: 12.66 min Scan# 925

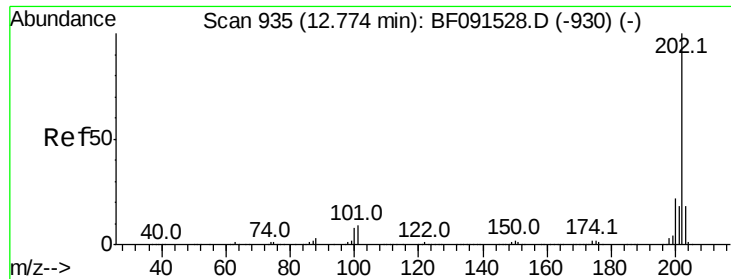
Delta R.T. -0.01 min

Lab File: BF091574.D

Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	545852		
185	15.0	13.1	19.7	
183	11.2	8.9	13.3	





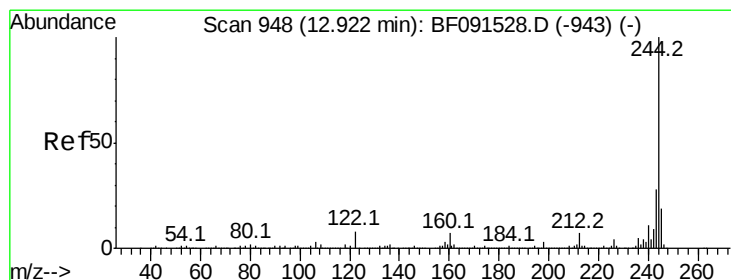
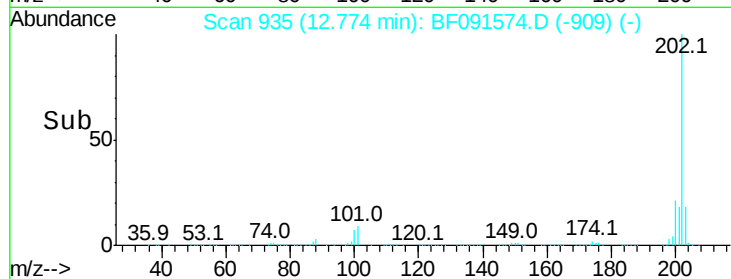
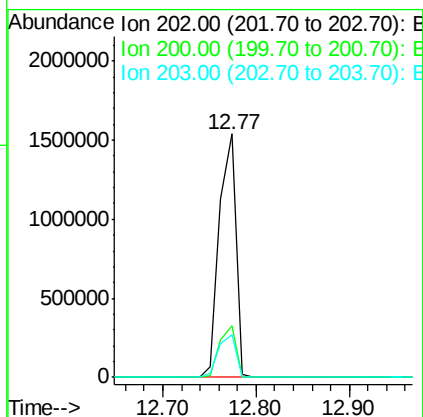
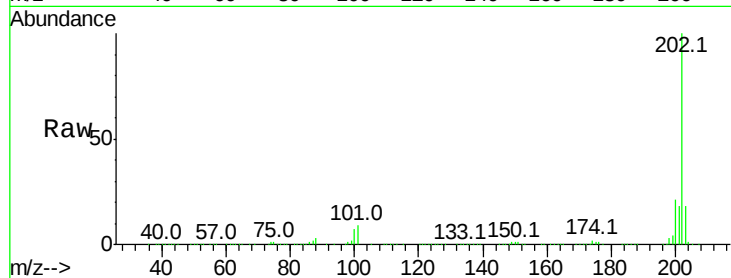
#77
Pvrene
Concen: 46.98 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.6	14.0	21.0

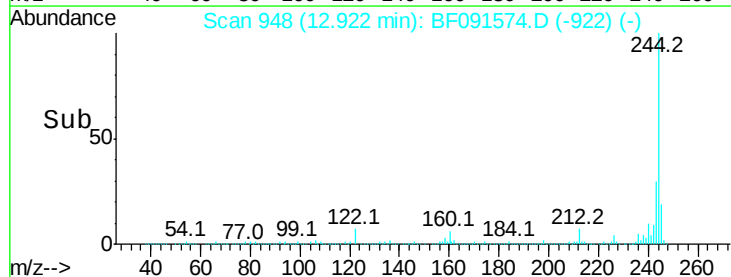
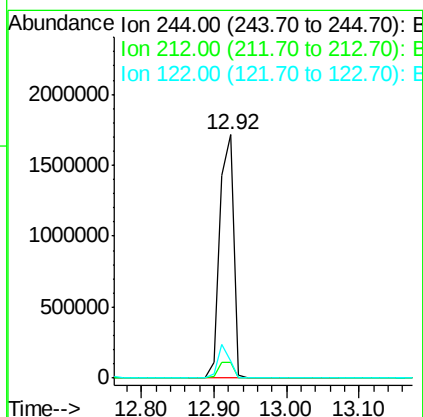
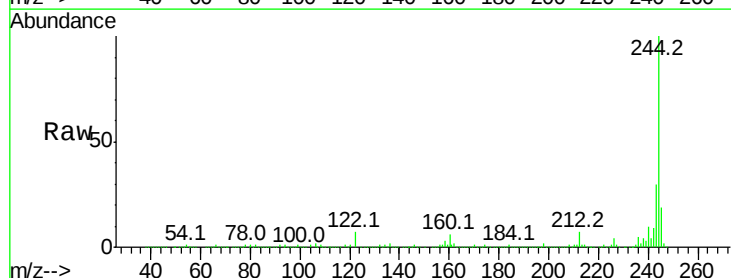
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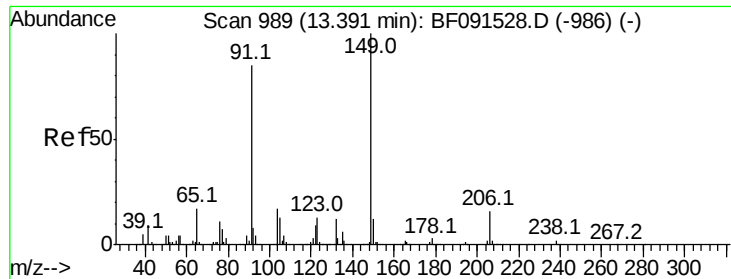
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#78
Terphenyl-d14
Concen: 100.68 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	6.8	9.5	14.3#





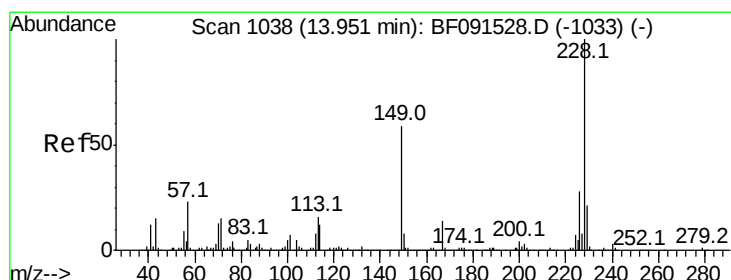
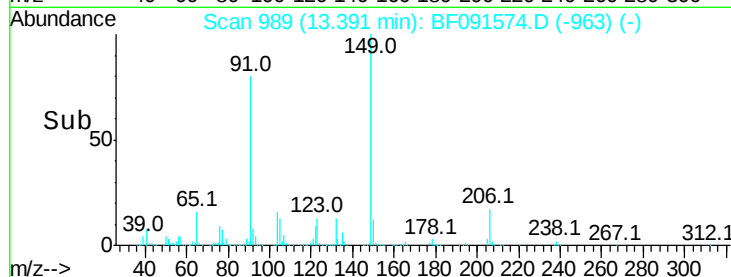
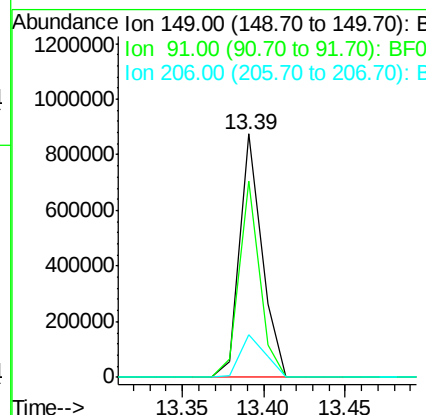
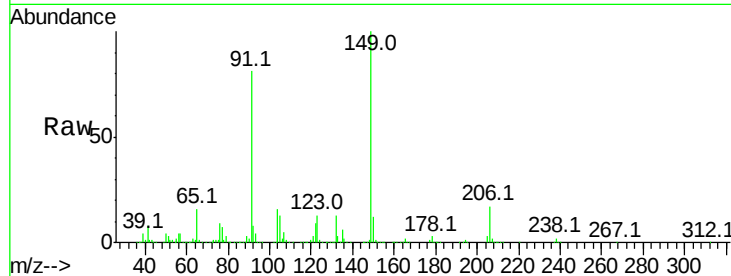
#79
 Butylbenzylphthalate
 Concen: 52.36 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.5	57.4	86.2
206	17.3	15.4	23.2

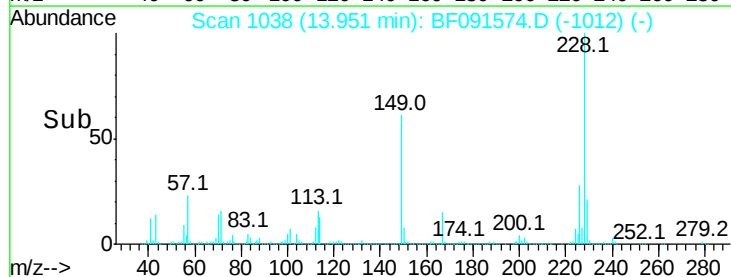
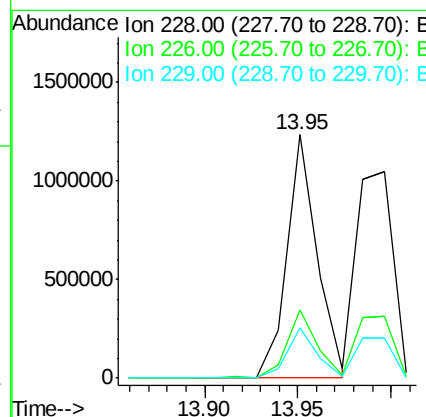
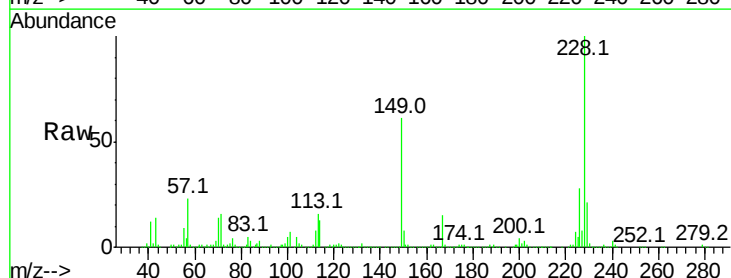
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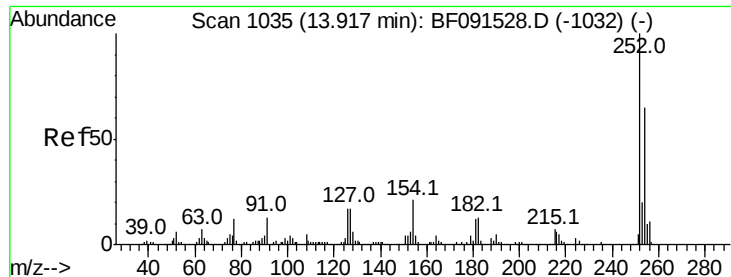
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#80
 Benzo(a)anthracene
 Concen: 47.31 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.5	16.4	24.6





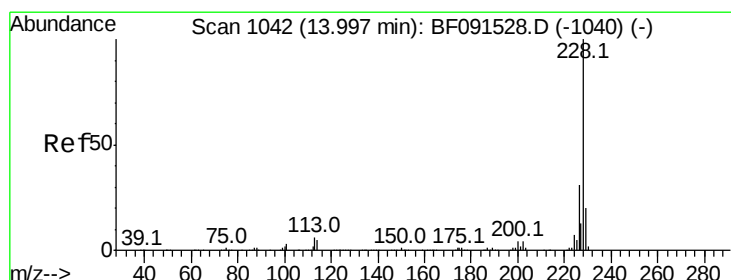
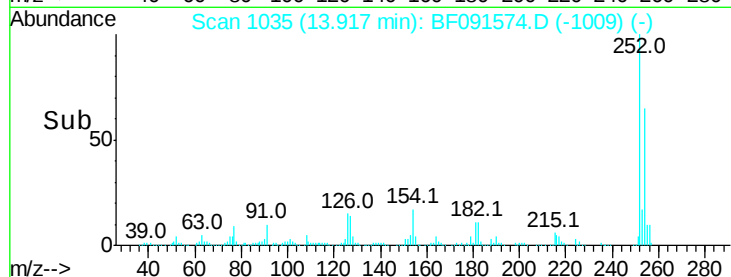
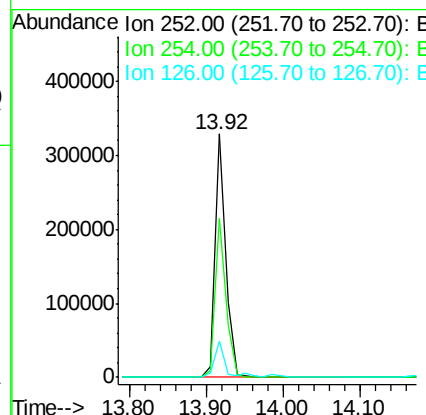
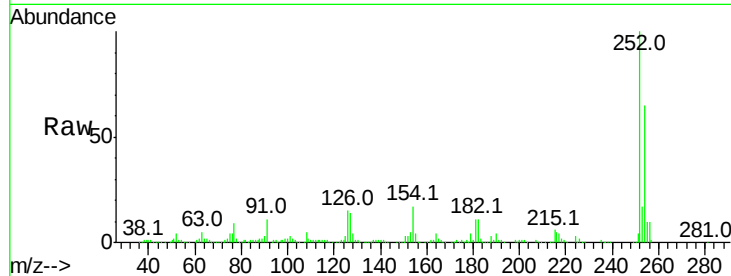
#81
 3,3'-Dichlorobenzidine
 Concen: 29.43 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	14.9	7.5	11.3

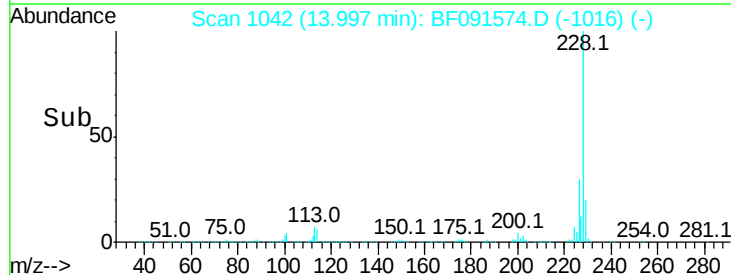
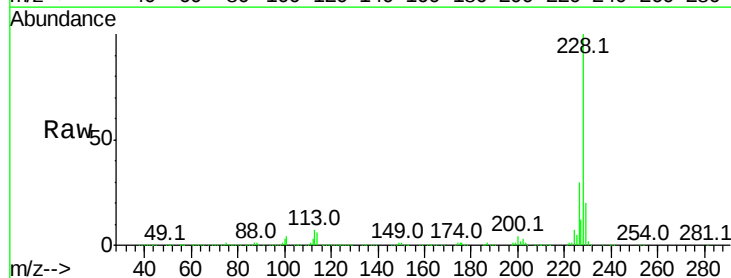
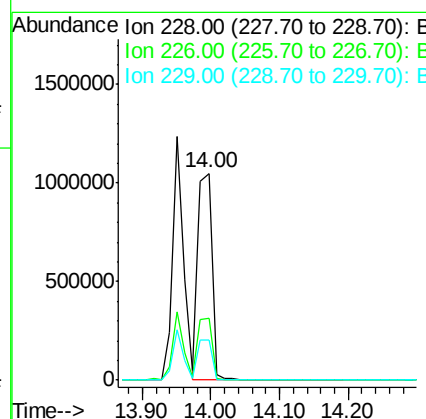
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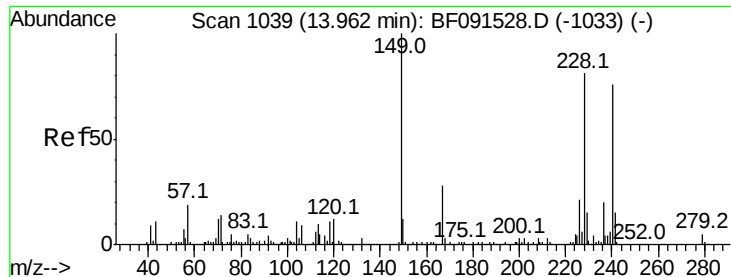
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#82
 Chrysene
 Concen: 46.96 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	19.6	16.0	24.0





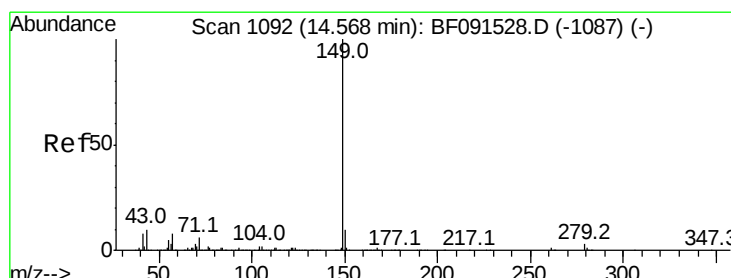
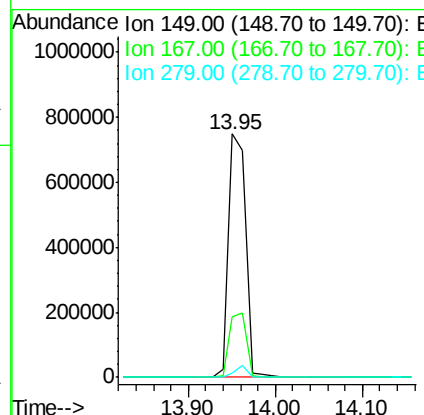
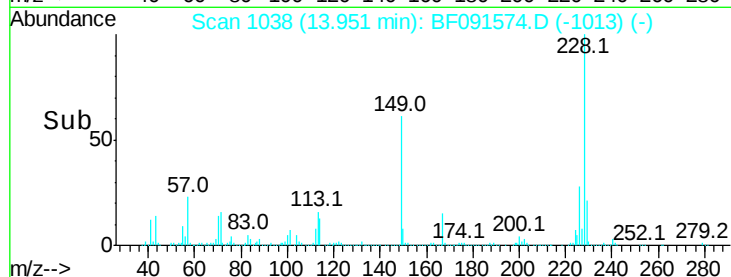
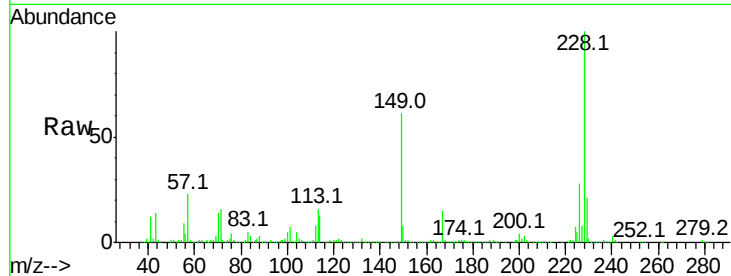
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.22 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion:149 Resp: 1034429
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.6 29.4
 279 1.9 1.9 2.9#

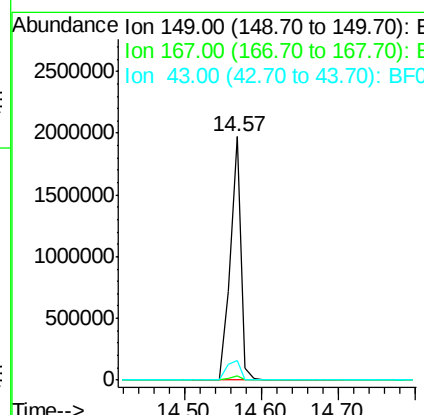
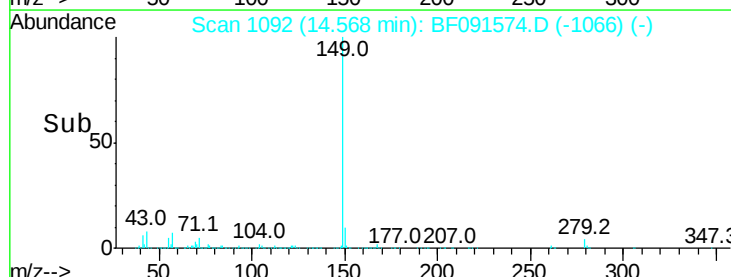
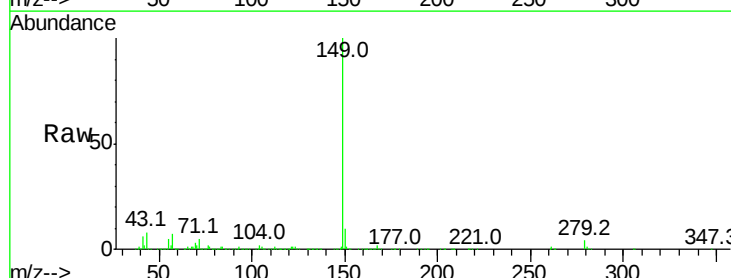
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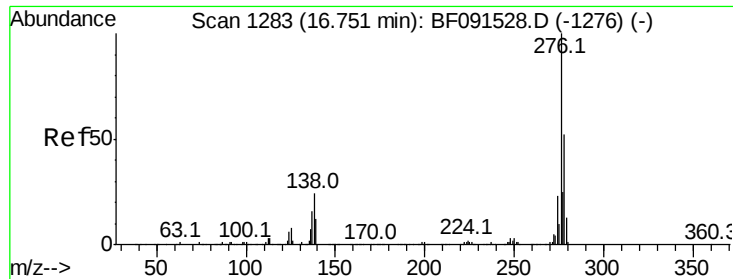
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#84
 Di-n-octyl phthalate
 Concen: 56.75 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Tgt Ion:149 Resp: 1945176
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.3 11.9 17.9#





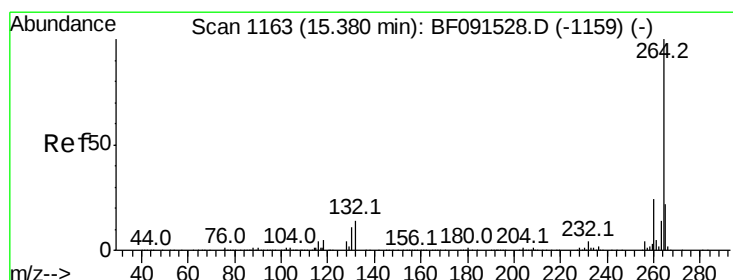
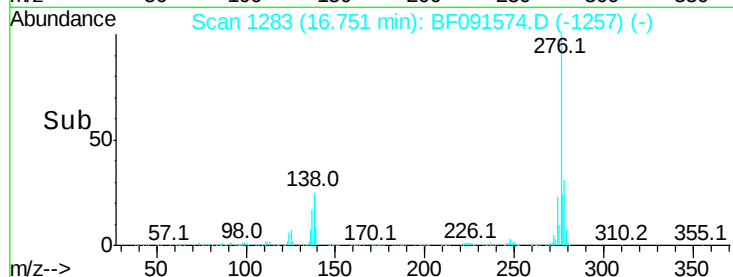
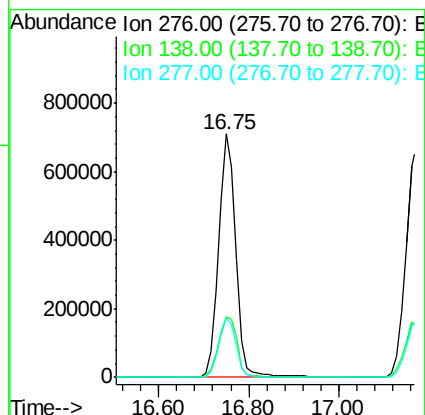
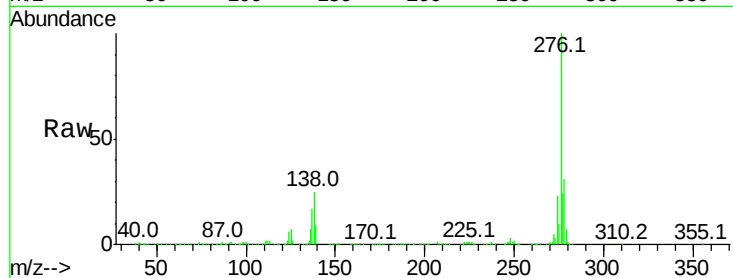
#85
Indeno(1,2,3-cd)pyrene
Concen: 67.64 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.0	31.4
277	24.8	20.2	30.2

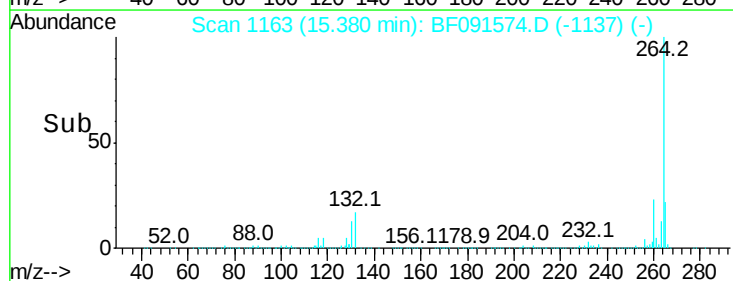
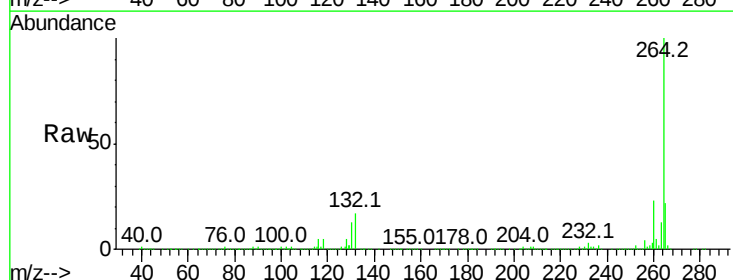
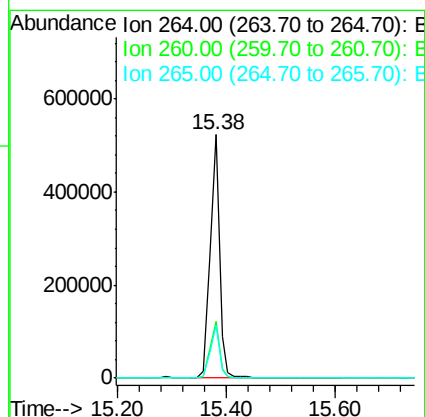
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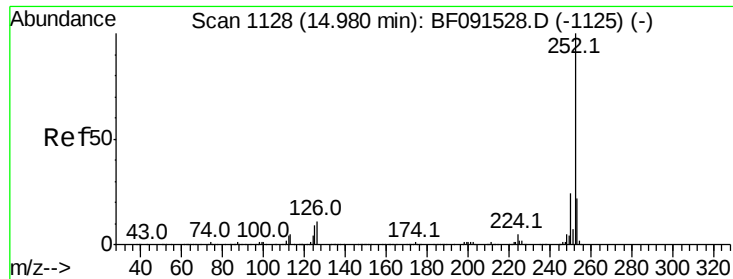
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.8	17.0	25.6





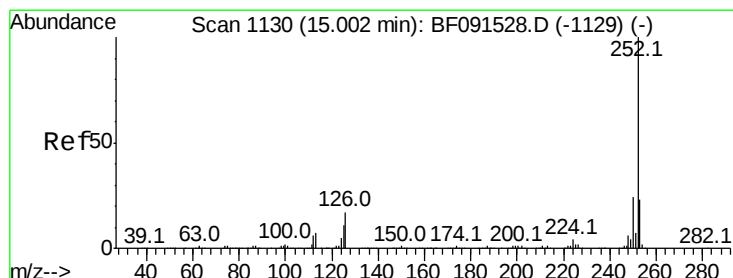
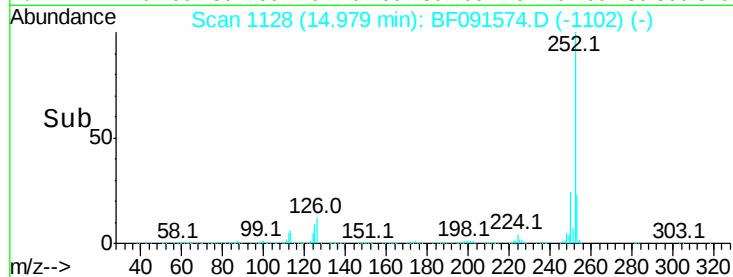
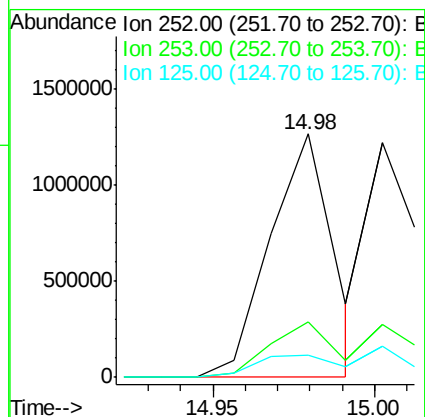
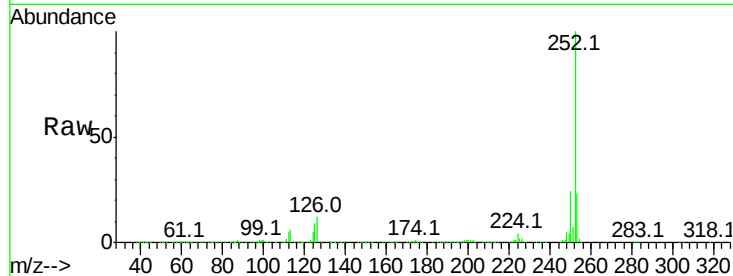
#87
Benzo(b)fluoranthene
Concen: 45.76 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion:252 Resp: 1707940
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.3 8.6 13.0

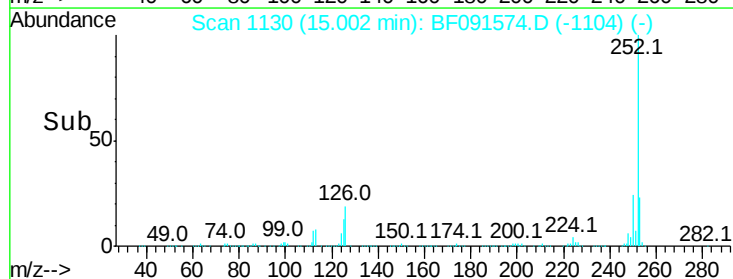
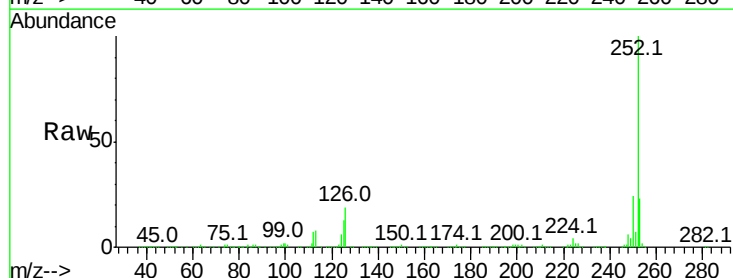
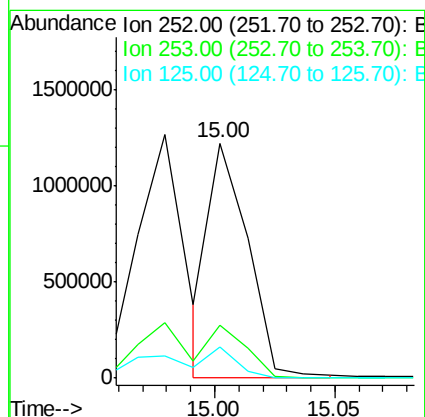
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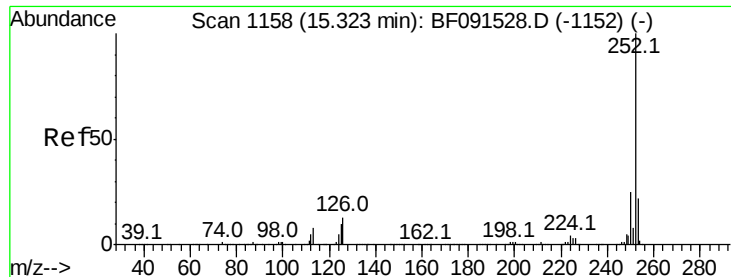
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#88
Benzo(k)fluoranthene
Concen: 42.46 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion:252 Resp: 1393143
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.0 9.6 14.4





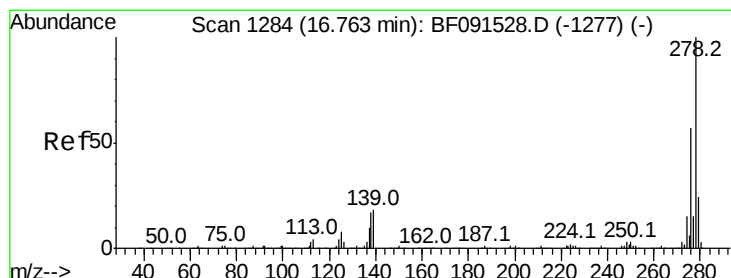
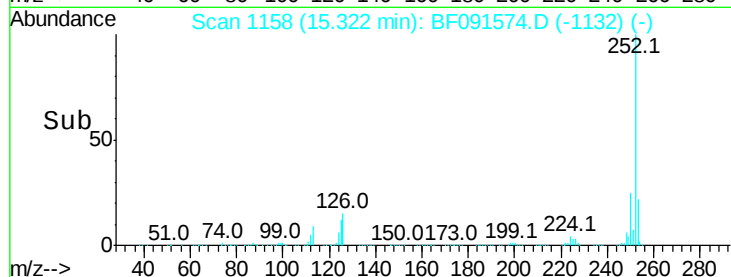
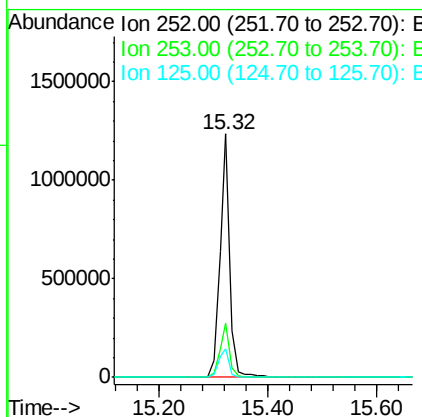
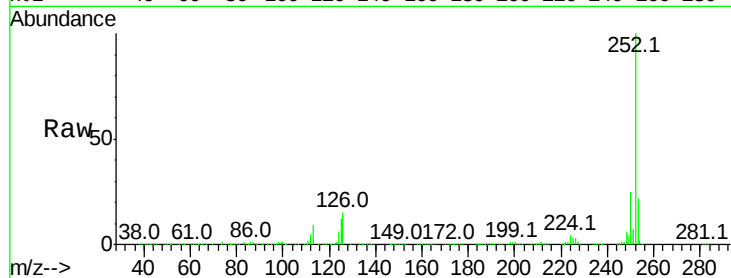
#89
Benzo(a)pyrene
Concen: 46.56 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Instrument :
BNA_F
ClientSampleId :
WC120716MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.7	10.4	15.6

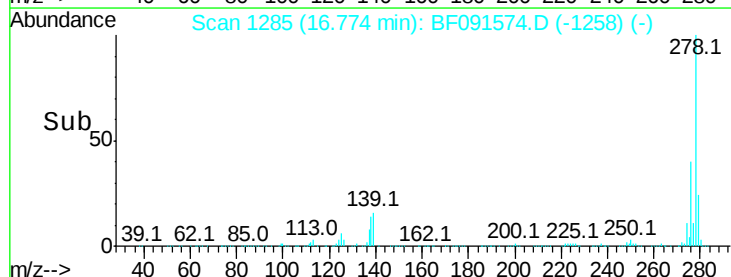
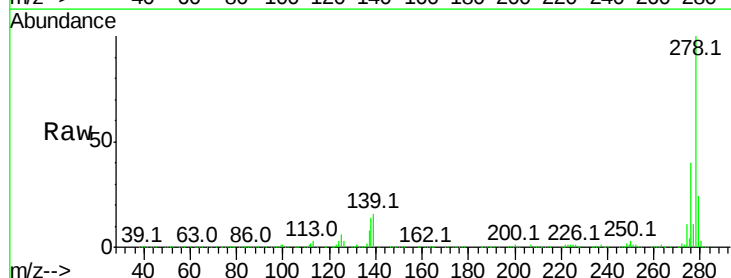
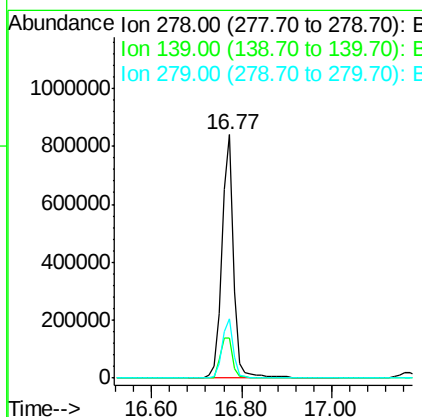
Manual Integrations
APPROVED

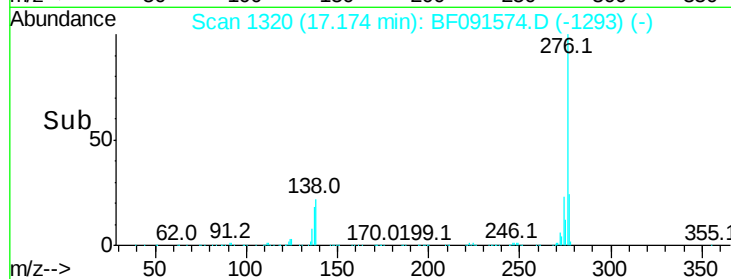
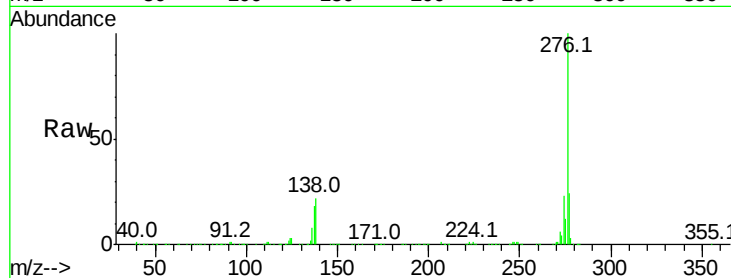
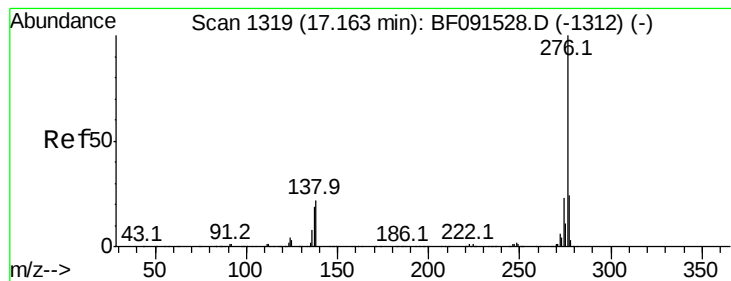
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 50.54 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091574.D
Acq: 14 Dec 2016 2:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.1	22.7
279	24.4	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.08 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF091574.D
 Acq: 14 Dec 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 WC120716MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	21.7	15.4	23.0

Manual Integrations
 APPROVED

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