

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091854.D
 Acq On : 22 Dec 2016 00:45
 Operator : UM/SJ
 Sample : PB95522BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Manual Integrations
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Quant Time: Dec 22 03:45:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	297091	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1198921	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	615400	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	992823	20.00	ng	0.00
75) Chrysene-d12	13.91	240	730737	20.00	ng	0.00
86) Perylene-d12	15.30	264	698556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2318671	130.32	ng	0.02
7) Phenol-d6	6.40	99	3017504	138.91	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1920407	89.07	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	621779	122.09	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2945916	100.42	ng	0.00
78) Terphenyl-d14	12.85	244	2378574	78.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	382824	43.70	ng	97
3) Pyridine	3.09	79	1120674	36.66	ng	95
4) n-Nitrosodimethylamine	3.05	42	453919	39.36	ng	99
6) Aniline	6.41	93	406064	14.39	ng	# 55
8) 2-Chlorophenol	6.53	128	889298	43.94	ng	97
9) Benzaldehyde	6.29	77	141724	8.79	ng	96
10) Phenol	6.42	94	1050149	42.42	ng	# 68
11) bis(2-Chloroethyl)ether	6.49	93	888395	45.11	ng	99
12) 1,3-Dichlorobenzene	6.68	146	934165m	43.24	ng	
13) 1,4-Dichlorobenzene	6.76	146	928846	42.24	ng	98
14) 1,2-Dichlorobenzene	6.92	146	896917	47.00	ng	97
15) Benzyl Alcohol	6.90	79	704589	41.74	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1270511	43.32	ng	99
17) 2-Methylphenol	7.02	107	807901	49.63	ng	97
18) Hexachloroethane	7.26	117	364238	44.67	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	628433	43.48	ng	96
20) 3+4-Methylphenols	7.17	107	935145	48.17	ng	# 85
22) Acetophenone	7.16	105	1264794	42.77	ng	96
24) Nitrobenzene	7.33	77	923978	40.24	ng	97
25) Isophorone	7.57	82	1867259	46.94	ng	96
26) 2-Nitrophenol	7.65	139	520487	45.96	ng	93
27) 2,4-Dimethylphenol	7.70	122	836622	44.54	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	1139423	47.24	ng	99
29) 2,4-Dichlorophenol	7.90	162	791970	49.79	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	799435	45.87	ng	# 95
31) Naphthalene	8.05	128	2493006	45.43	ng	100
32) Benzoic acid	7.85	122	611175	43.87	ng	98
33) 4-Chloroaniline	8.11	127	235662	9.52	ng	96
34) Hexachlorobutadiene	8.18	225	427333	46.45	ng	99
35) Caprolactam	8.49	113	268147m	51.30	ng	
36) 4-Chloro-3-methylphenol	8.61	107	903180	49.35	ng	92
37) 2-Methylnaphthalene	8.75	142	1770361	61.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	690985	44.44	ng	99
40) Hexachlorocyclopentadiene	8.90	237	658503	94.35	ng	96

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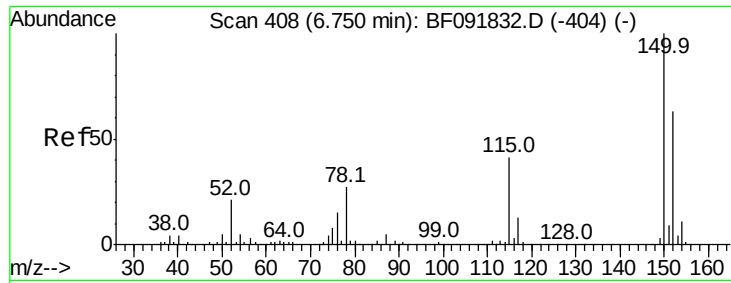
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	525016m	48.28	nq	
43) 2,4,5-Trichlorophenol	9.08	196	531605m	47.51	nq	
45) 1,1'-Biphenyl	9.22	154	2054756	48.76	nq	98
46) 2-Chloronaphthalene	9.24	162	1570191	47.06	nq	96
47) 2-Nitroaniline	9.33	65	472071	39.73	nq	99
48) Acenaphthylene	9.65	152	2466447	48.06	nq	100
49) Dimethylphthalate	9.53	163	1785106	45.35	nq	99
50) 2,6-Dinitrotoluene	9.58	165	460588	53.46	nq	# 88
51) Acenaphthene	9.82	154	1545988	44.43	nq	99
52) 3-Nitroaniline	9.74	138	162784	15.27	nq	90
53) 2,4-Dinitrophenol	9.86	184	434285	90.60	nq	# 73
54) Dibenzofuran	10.00	168	2105763	44.82	nq	98
55) 4-Nitrophenol	9.93	139	570995	78.88	nq	95
56) 2,4-Dinitrotoluene	9.98	165	498232	46.08	nq	92
57) Fluorene	10.34	166	1676011	49.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	403020	45.54	nq	99
59) Diethylphthalate	10.21	149	1737834	45.46	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	677810	45.28	nq	95
61) 4-Nitroaniline	10.36	138	429966	38.92	nq	94
62) Azobenzene	10.49	77	2099040	49.88	nq	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	315912	52.62	nq	98
65) n-Nitrosodiphenylamine	10.45	169	1561655	53.01	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	514681	49.83	nq	# 87
67) Hexachlorobenzene	10.89	284	515661	46.71	nq	# 84
68) Atrazine	10.98	200	413181	43.48	nq	99
69) Pentachlorophenol	11.08	266	515234	95.12	nq	99
70) Phenanthrene	11.29	178	2416304	44.88	nq	98
71) Anthracene	11.34	178	2406800	54.19	nq	100
72) Carbazole	11.50	167	2404953	Below	Cal	99
73) Di-n-butylphthalate	11.84	149	2517902	49.80	nq	100
74) Fluoranthene	12.48	202	2263456	48.19	nq	100
76) Benzidine	12.60	184	473848	22.15	nq	97
77) Pyrene	12.70	202	2427658	45.28	nq	99
79) Butylbenzylphthalate	13.33	149	1196913	49.09	nq	84
80) Benzo(a)anthracene	13.89	228	1839141	44.59	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	385764	24.66	nq	# 95
82) Chrysene	13.93	228	1810725	43.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1265335	44.06	nq	# 96
84) Di-n-octyl phthalate	14.50	149	2455348	46.16	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1714054	47.82	nq	97
87) Benzo(b)fluoranthene	14.91	252	2229335m	51.26	nq	
88) Benzo(k)fluoranthene	14.93	252	1366091m	36.84	nq	
89) Benzo(a)pyrene	15.24	252	1728884	44.79	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1385026	43.65	nq	99
91) Benzo(g,h,i)perylene	17.04	276	1455724	44.12	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

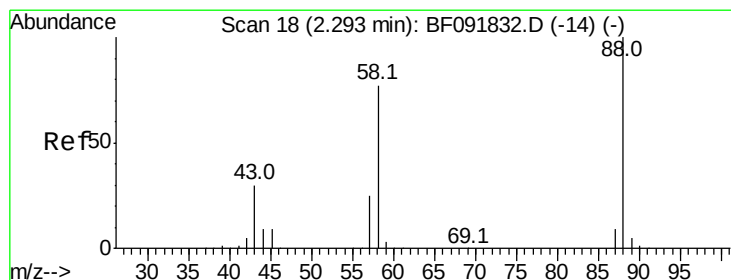
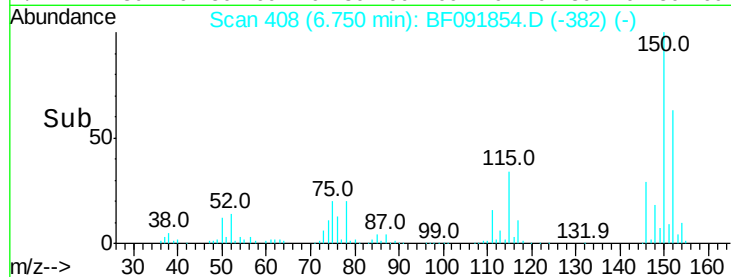
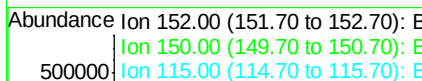
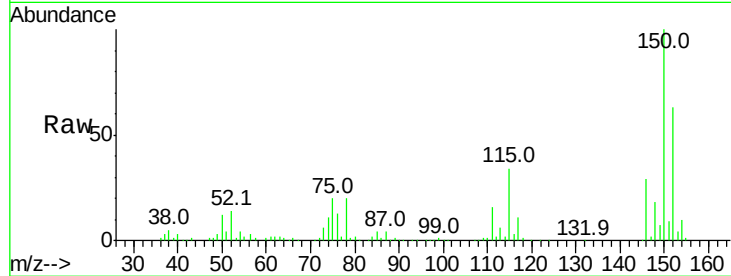
ClientSampleId :

PB95522BS

Tot Ion:	152	Resp:	297091
Ion Ratio	Lower	Upper	
152	100		
150	159.6	124.9	187.3
115	54.6	46.0	69.0

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#2

1,4-Dioxane

Concen: 43.70 ng

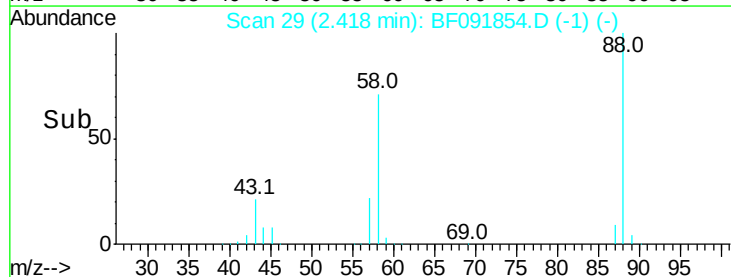
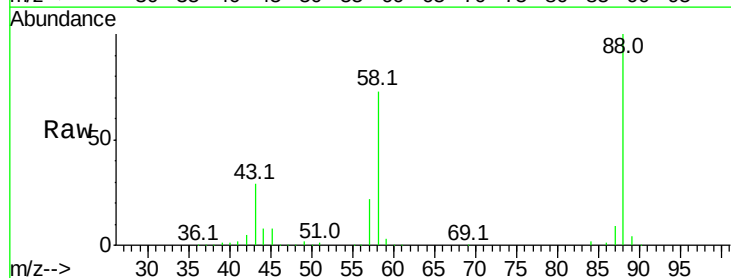
RT: 2.42 min Scan# 29

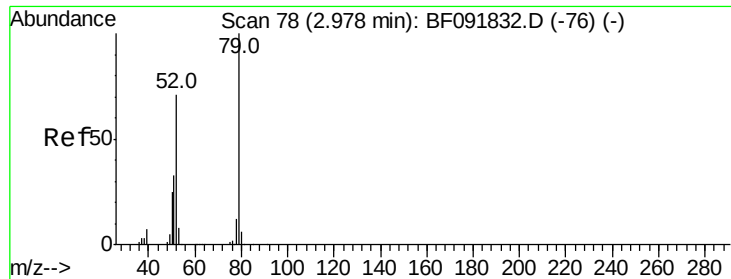
Delta R.T. 0.13 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion:	88	Resp:	382824
Ion Ratio	Lower	Upper	
88	100		
58	74.9	57.8	86.8
43	29.2	22.3	33.5





#3

Pvridine

Concen: 36.66 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.11 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion: 79 Resp: 1120674

Ion Ratio Lower Upper

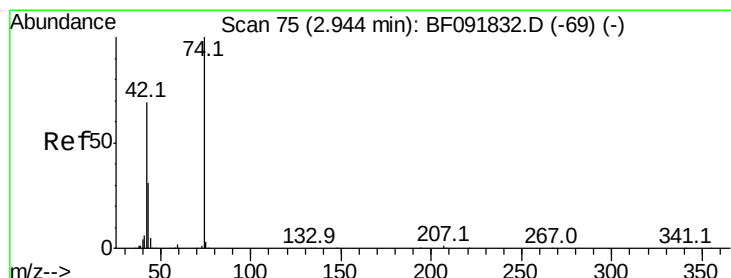
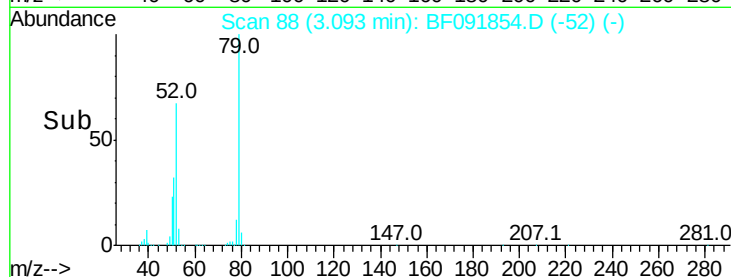
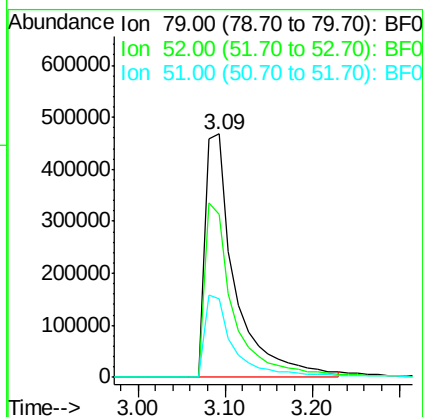
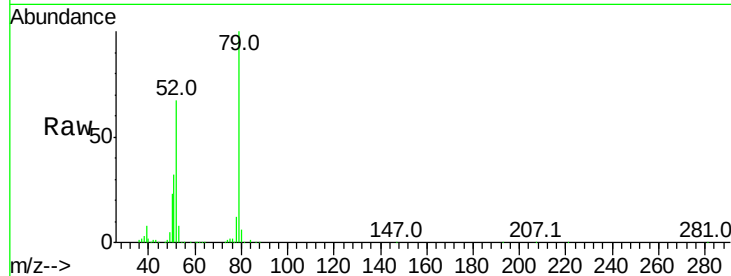
79 100

52 66.8 57.1 85.7

51 32.3 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 39.36 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.10 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

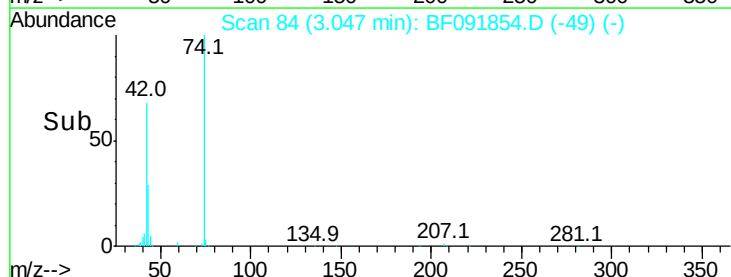
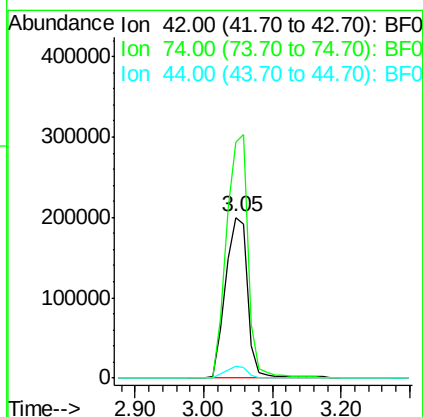
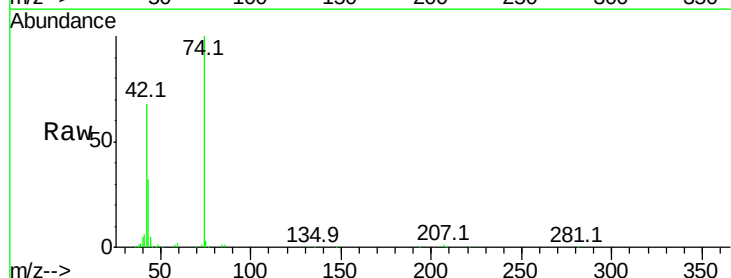
Tgt Ion: 42 Resp: 453919

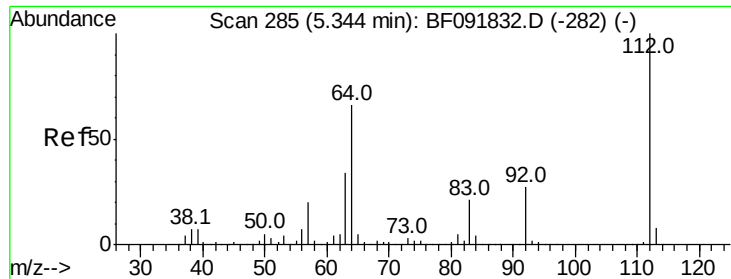
Ion Ratio Lower Upper

42 100

74 147.1 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 130.32 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

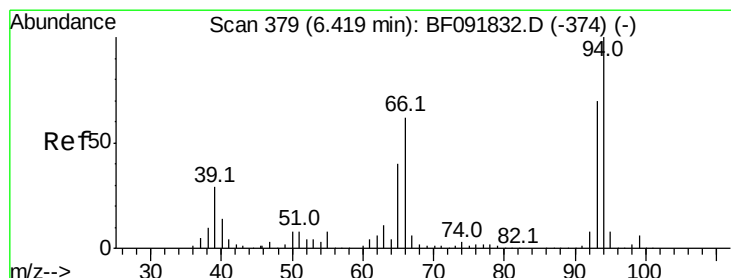
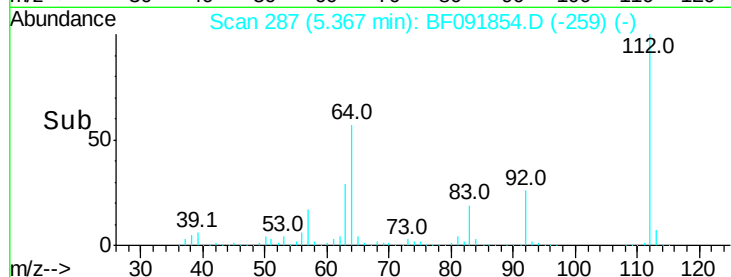
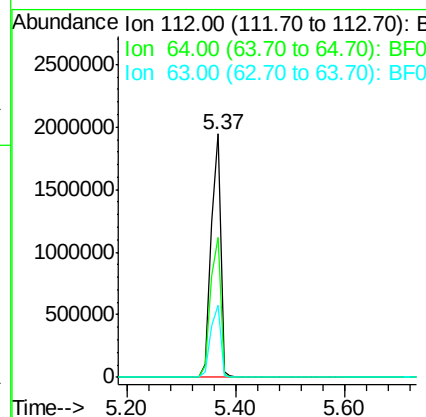
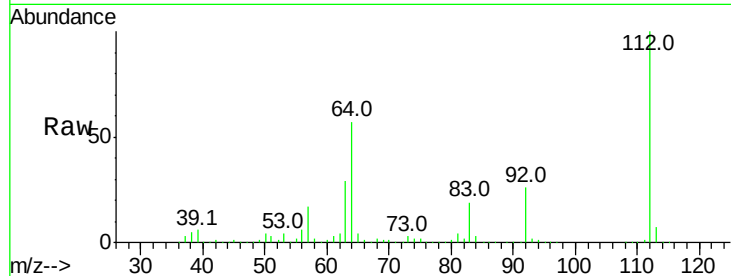
ClientSampleId :

PB95522BS

Tot Ion:	112	Resp:	2318671
Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.1	69.1
63	29.4	23.8	35.6

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#6

Aniline

Concen: 14.39 ng

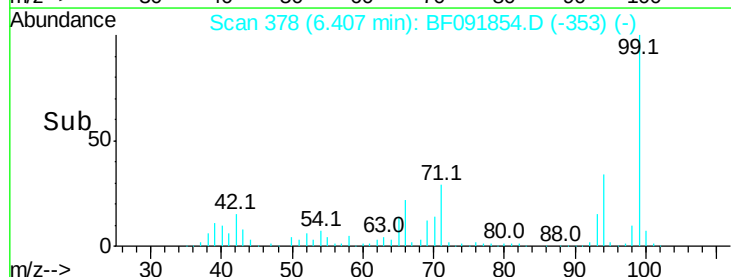
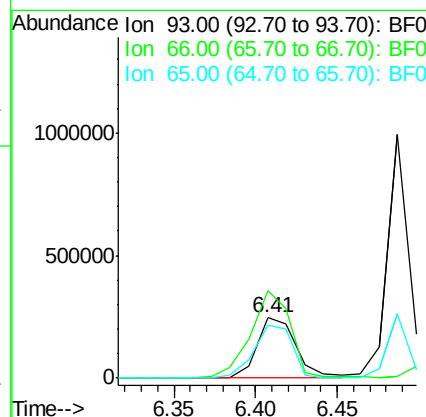
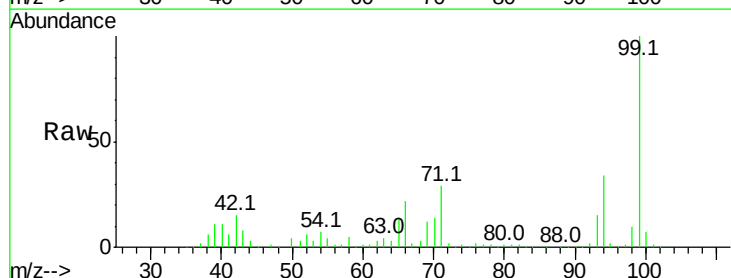
RT: 6.41 min Scan# 378

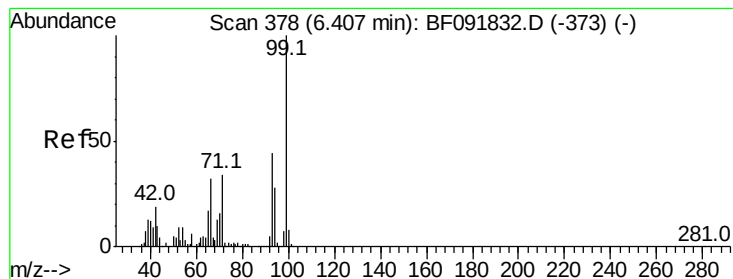
Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion:	93	Resp:	406064
Ion	Ratio	Lower	Upper
93	100		
66	145.6	76.2	114.2#
65	88.0	49.3	73.9#





#7

Phenol-d6

Concen: 138.91 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion: 99 Resp: 3017504

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

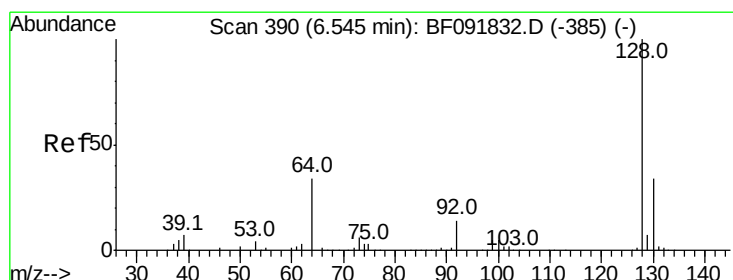
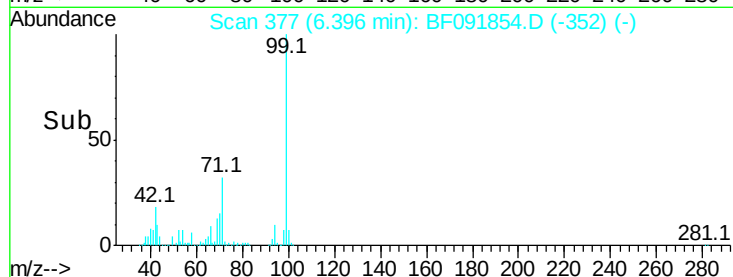
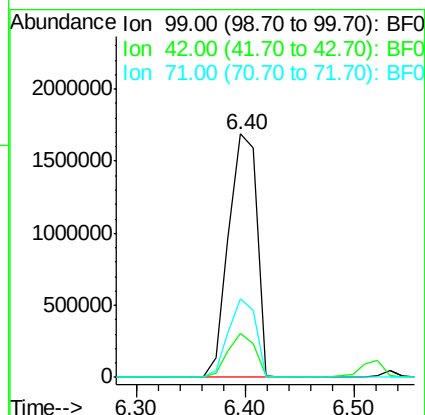
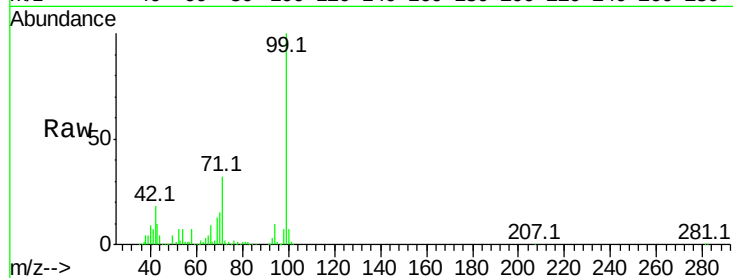
71 32.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 43.94 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

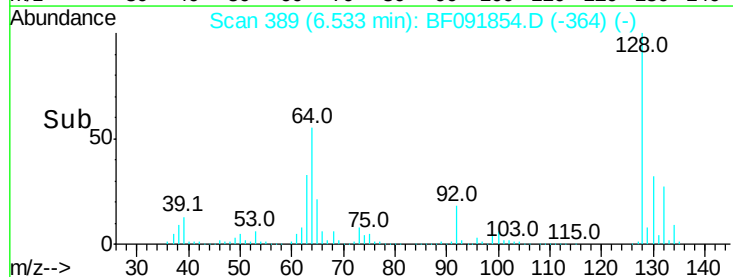
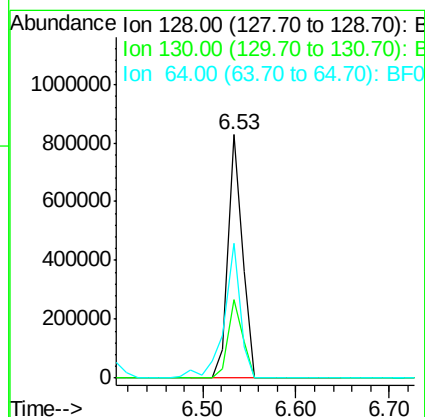
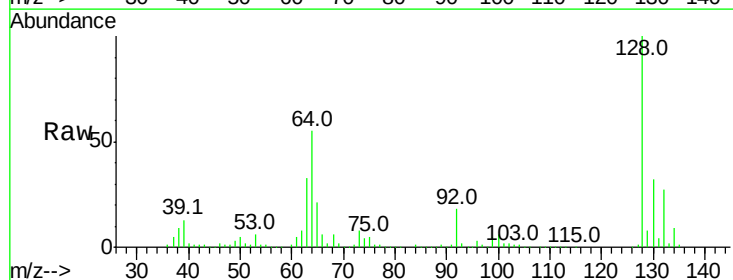
Tgt Ion: 128 Resp: 889298

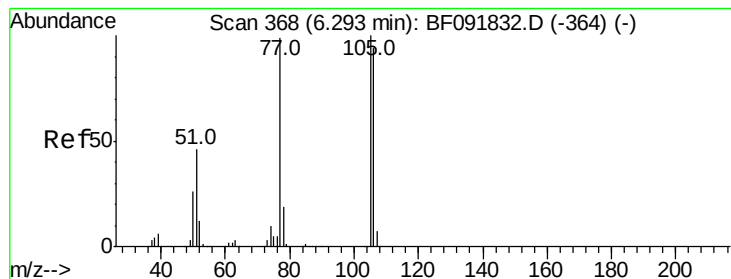
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 55.1 32.2 72.2





#9

Benzaldehyde

Concen: 8.79 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

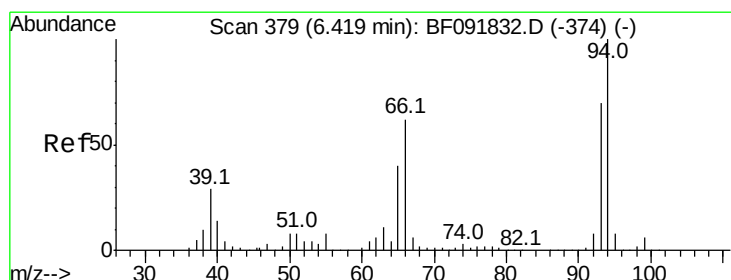
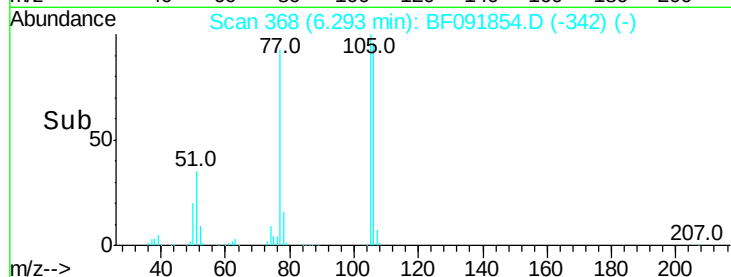
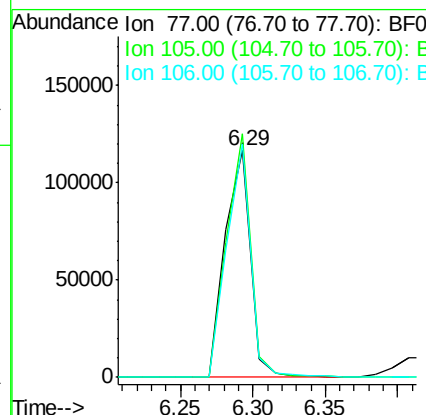
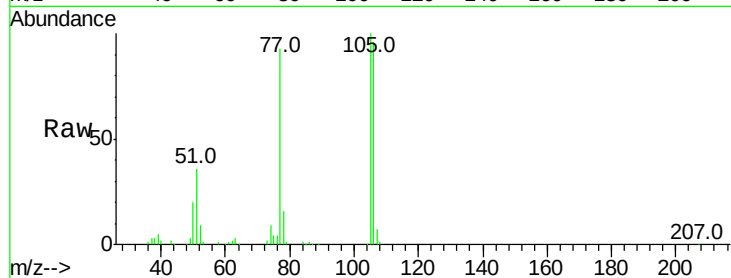
ClientSampleId :

PB95522BS

Tot Ion: 77 Resp: 141724
 Ion Ratio Lower Upper
 77 100
 105 107.3 83.9 123.9
 106 102.9 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 42.42 ng

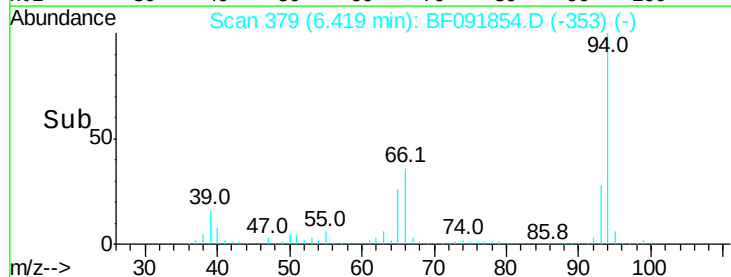
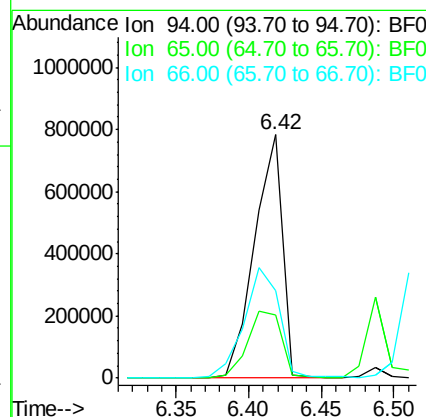
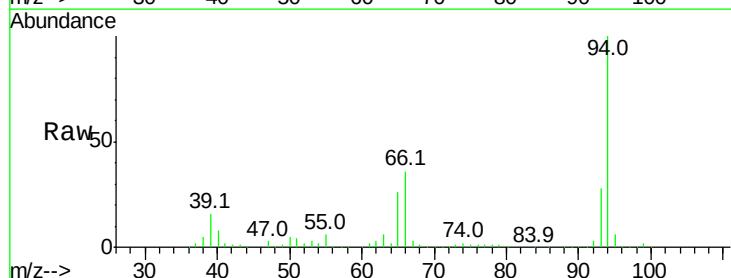
RT: 6.42 min Scan# 379

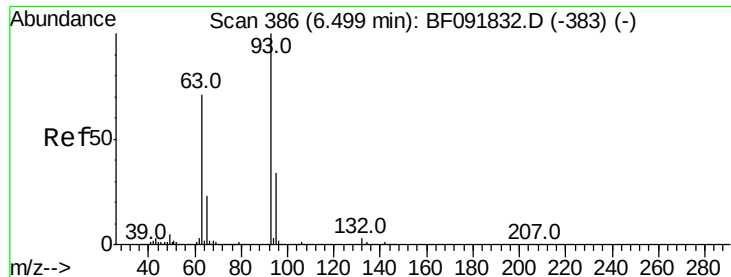
Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion: 94 Resp: 1050149
 Ion Ratio Lower Upper
 94 100
 65 25.7 21.4 61.4
 66 35.9 44.0 84.0#





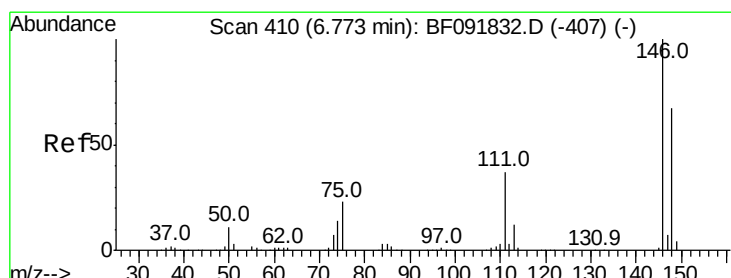
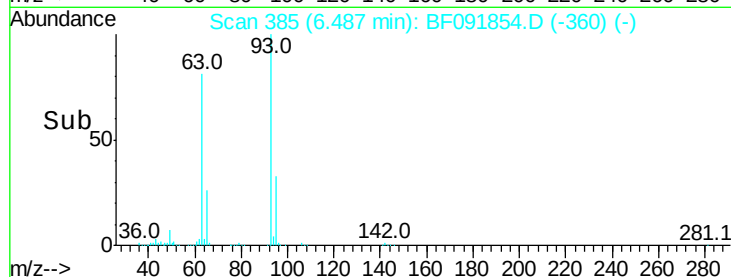
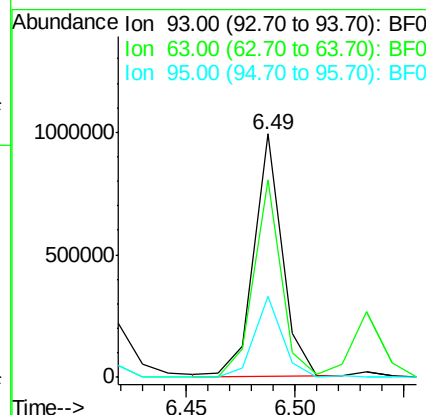
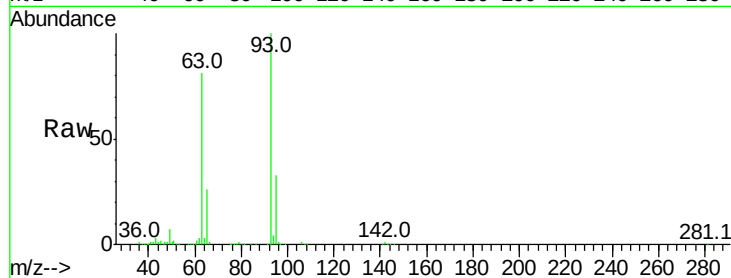
#11
bis(2-Chloroethyl)ether
Concen: 45.11 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	60.4	100.4
95	33.3	12.8	52.8

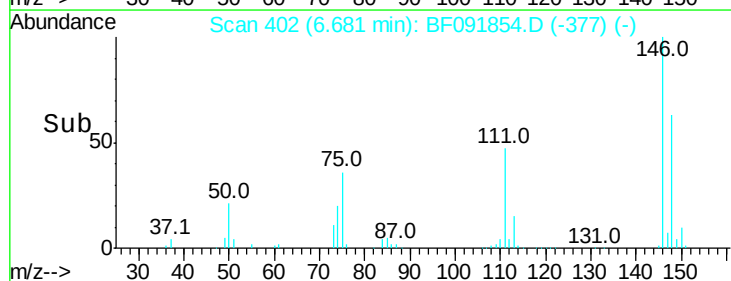
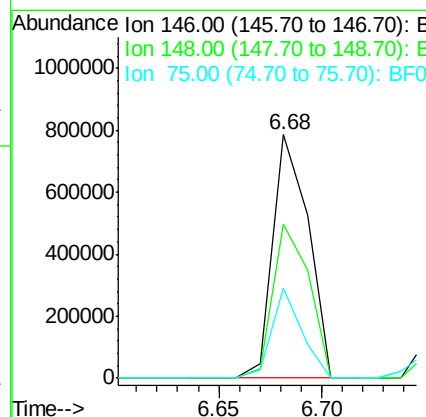
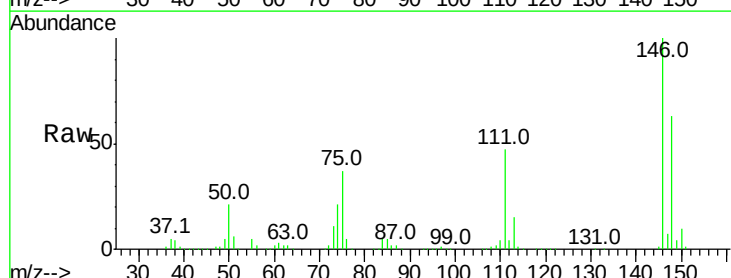
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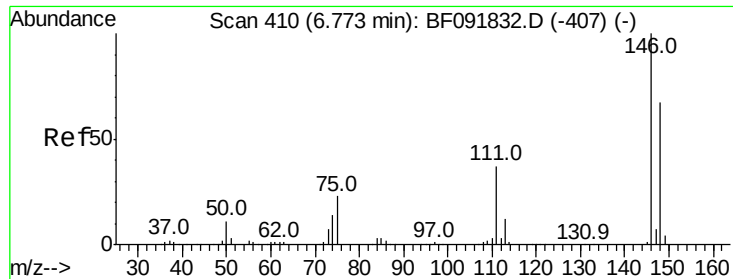
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#12
1,3-Dichlorobenzene
Concen: 43.24 ng m
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.4	80.0
75	36.8	18.5	27.7





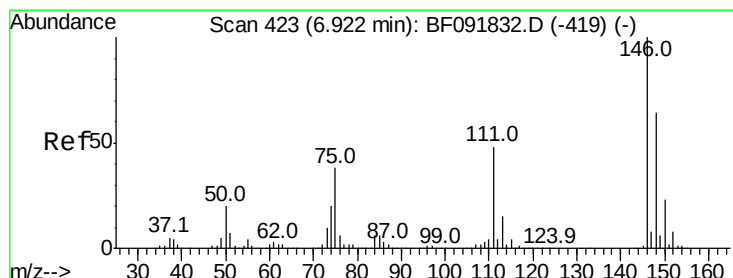
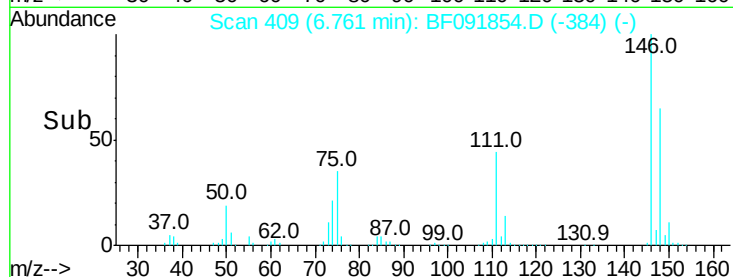
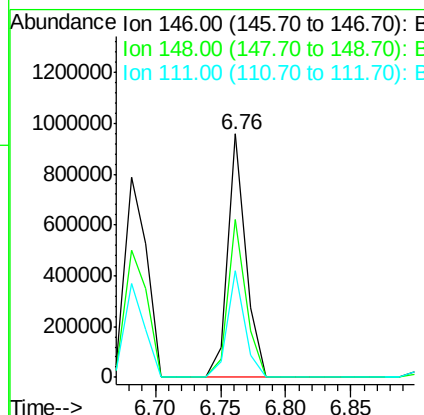
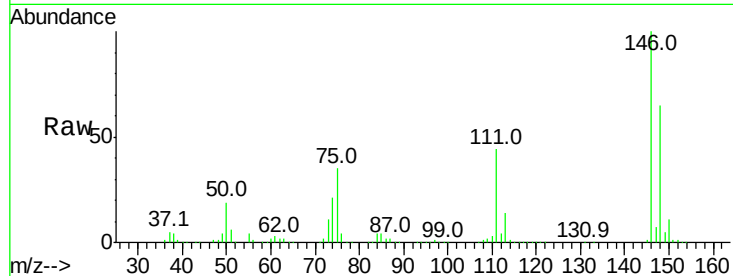
#13
 1,4-Dichlorobenzene
 Concen: 42.24 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
111	44.1	36.2	54.4

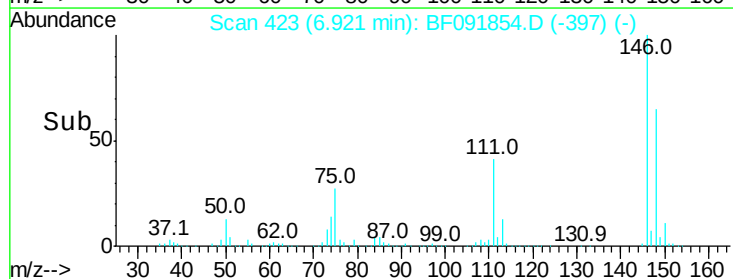
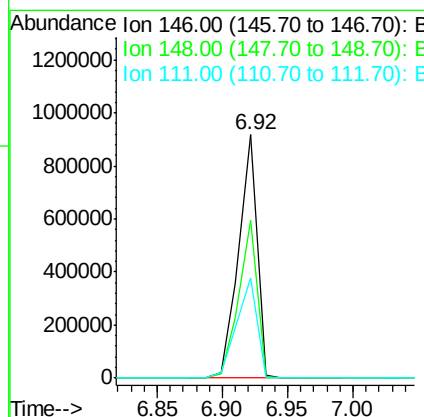
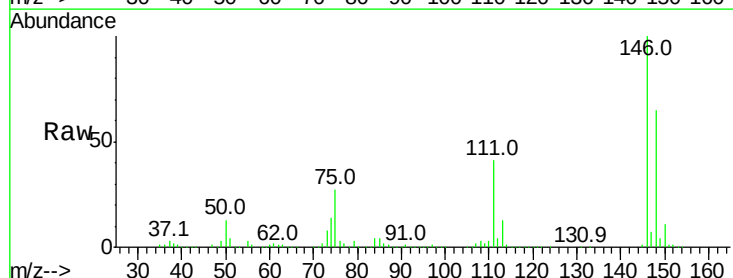
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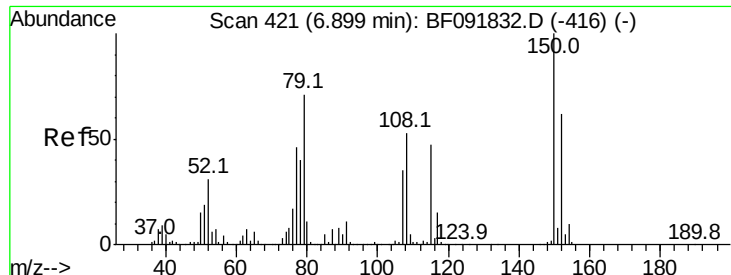
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#14
 1,2-Dichlorobenzene
 Concen: 47.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	41.3	36.2	54.2





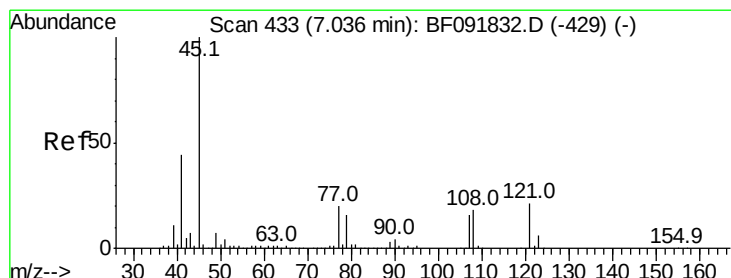
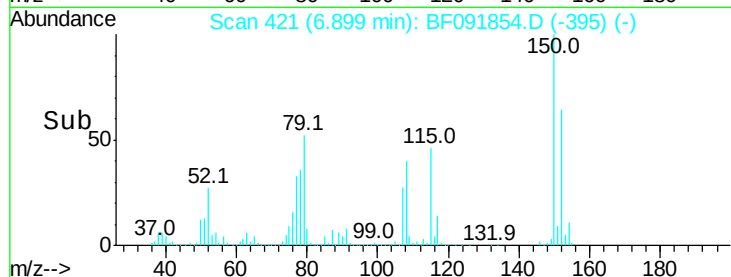
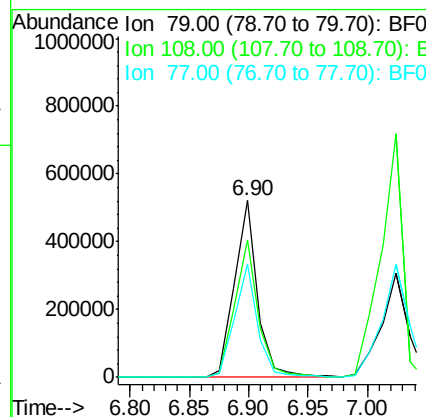
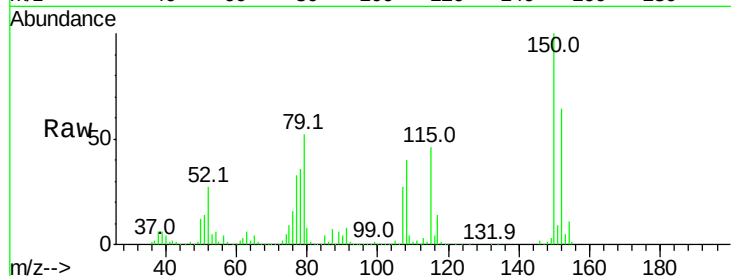
#15
Benzyl Alcohol
Concen: 41.74 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampled :
PB95522BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	61.4	92.0
77	63.6	50.9	76.3

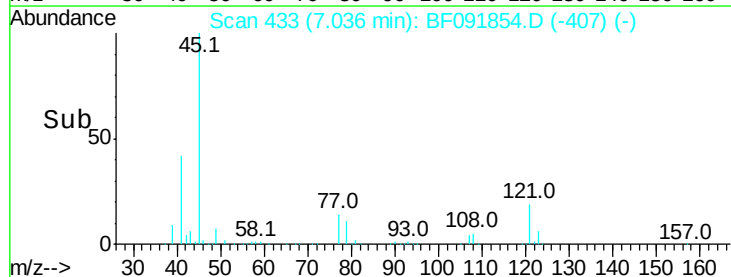
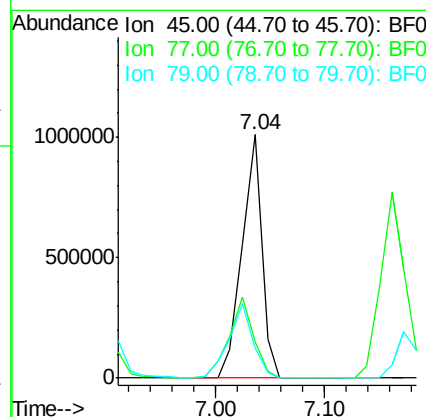
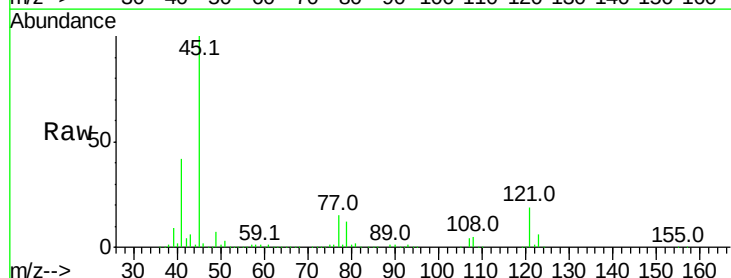
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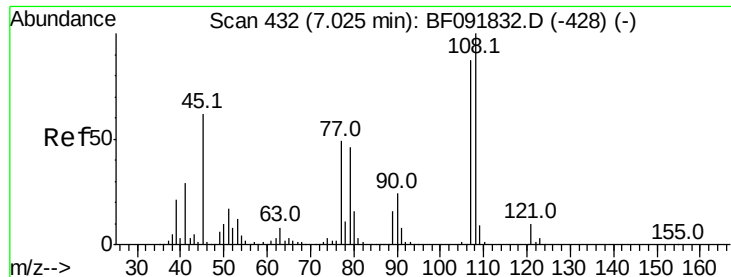
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.32 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.6
79	12.0	0.0	31.2





#17

2-Methylphenol

Concen: 49.63 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

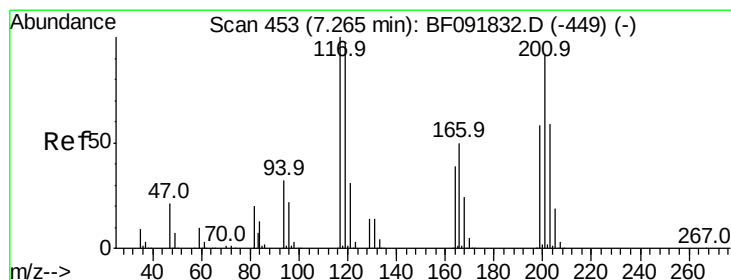
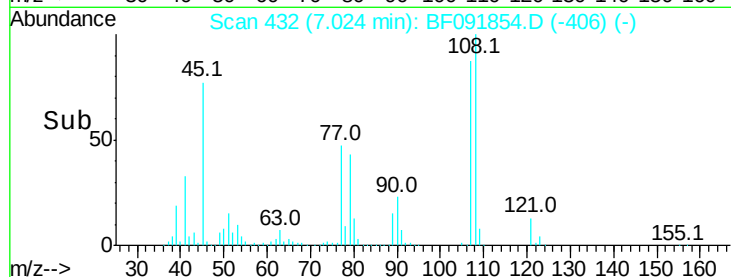
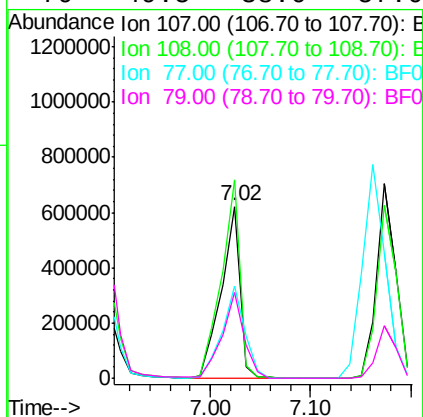
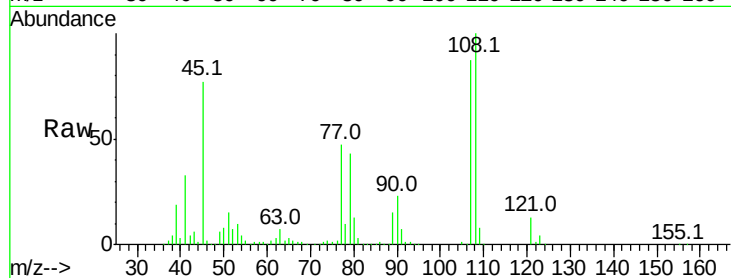
ClientSampled :

PB95522BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	93.0	139.6	
77	53.7	39.8	59.8	
79	49.5	38.0	57.0	

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#18

Hexachloroethane

Concen: 44.67 ng

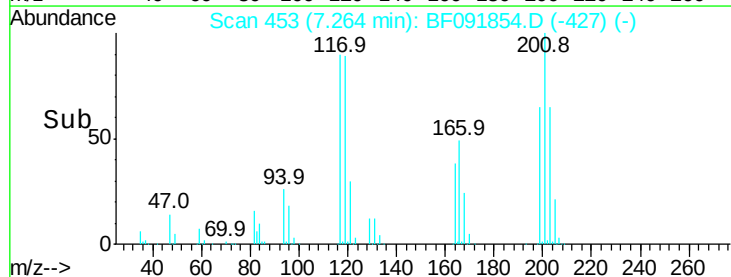
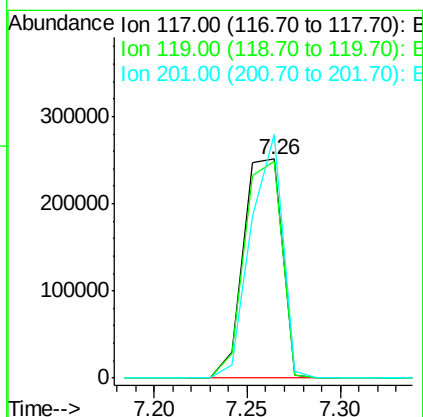
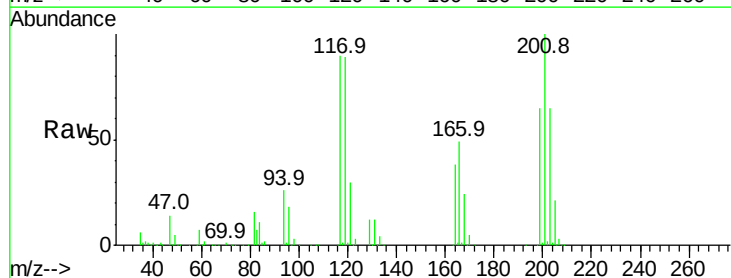
RT: 7.26 min Scan# 453

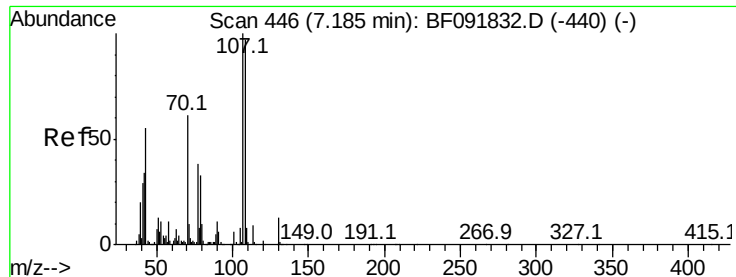
Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	78.1	117.1	
201	111.2	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 43.48 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091854.D

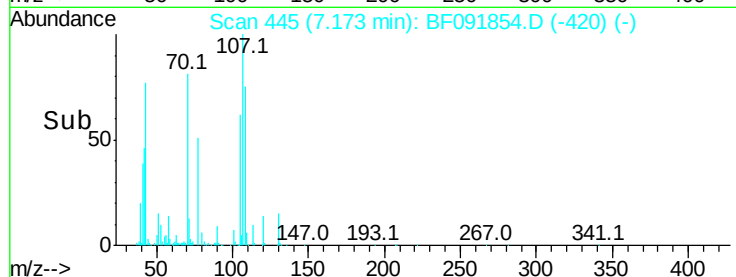
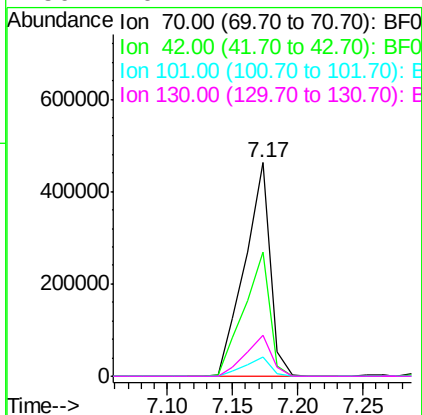
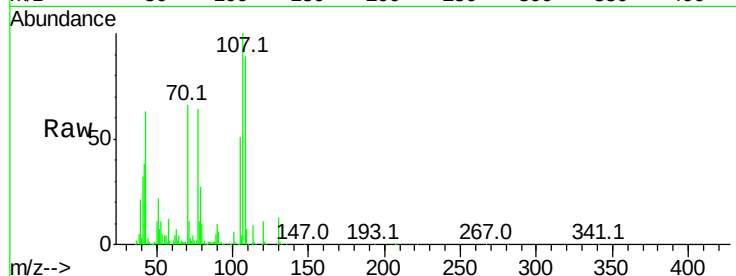
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	49.4	74.0
101	8.9	7.4	11.2
130	19.1	14.2	21.4

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#20

3+4-Methylphenols

Concen: 48.17 ng

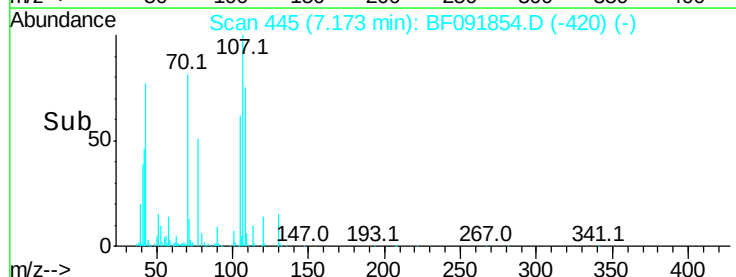
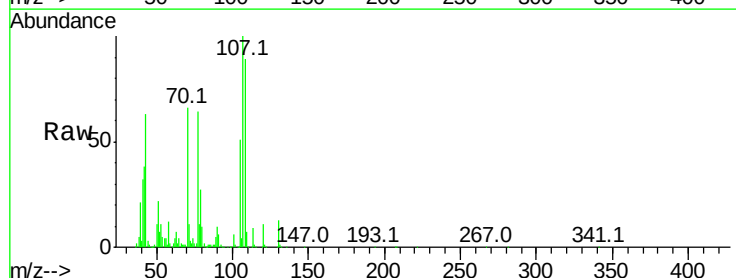
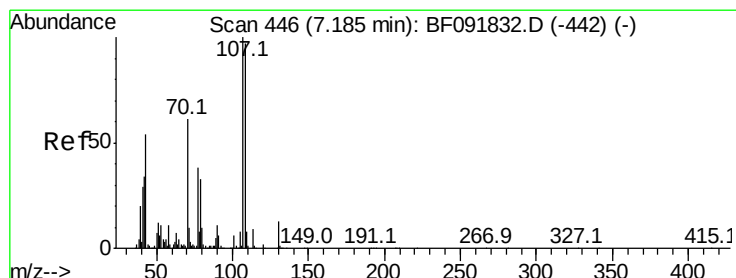
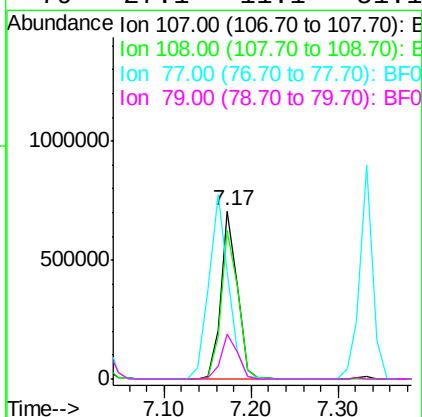
RT: 7.17 min Scan# 445

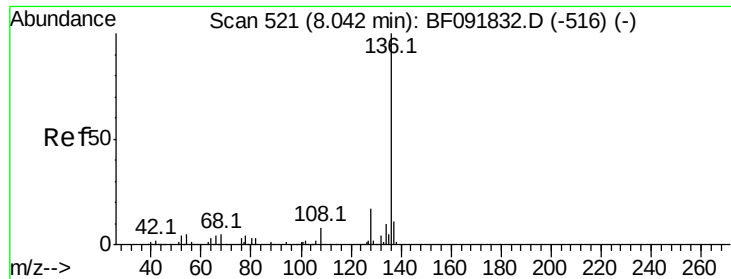
Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.0	113.0
77	64.3	71.3	111.3
79	27.1	11.1	51.1





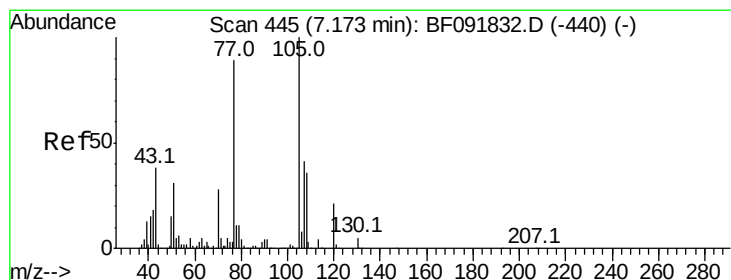
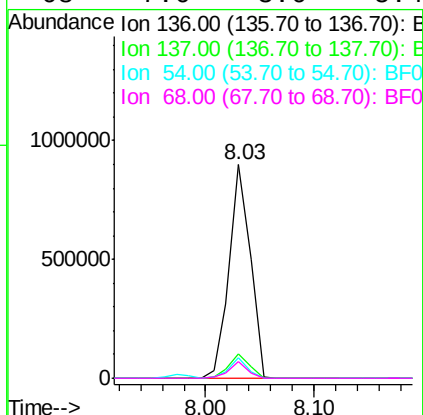
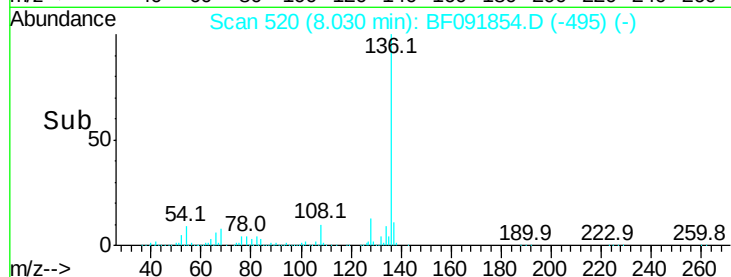
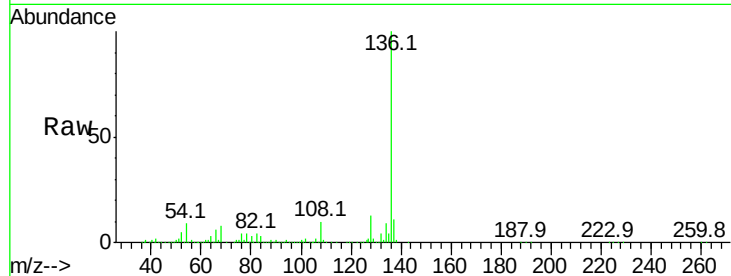
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.3	4.5	6.7#
68	7.6	3.6	5.4#

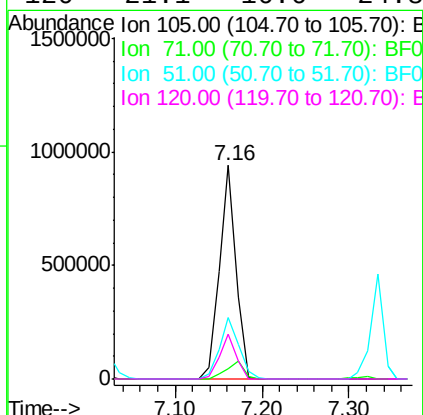
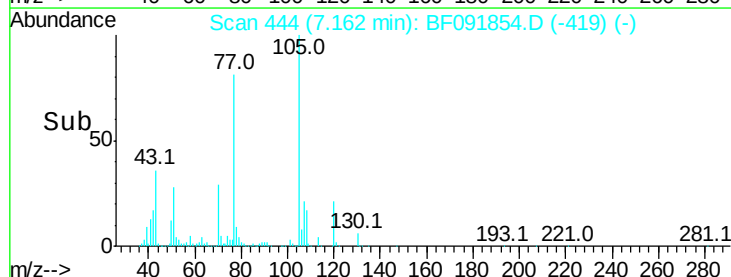
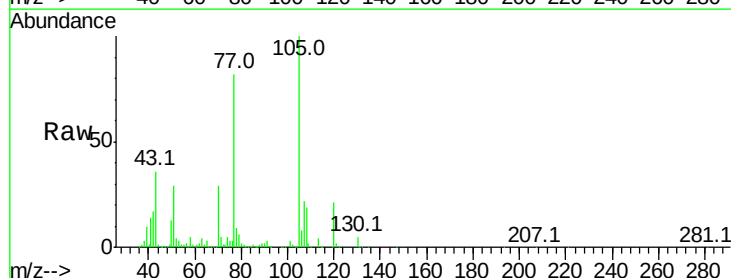
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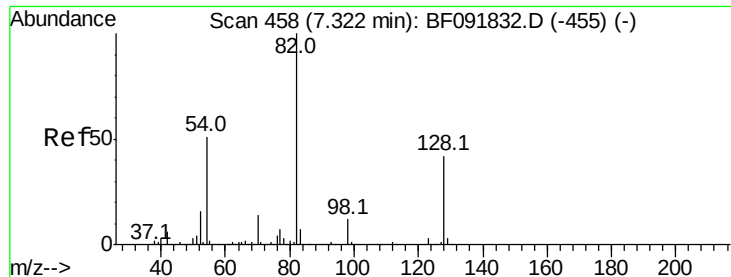
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#22
Acetophenone
Concen: 42.77 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.2	4.8
51	29.0	26.2	39.4
120	21.1	16.6	24.8





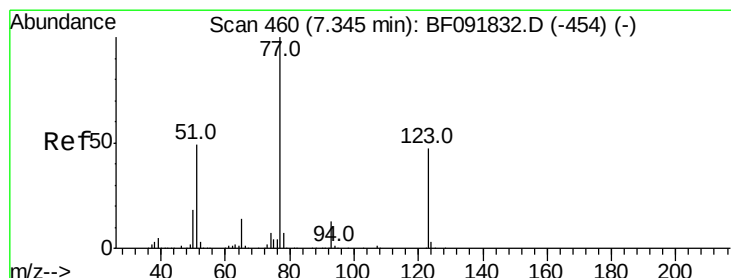
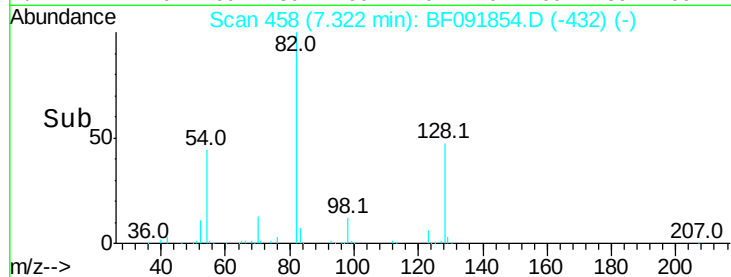
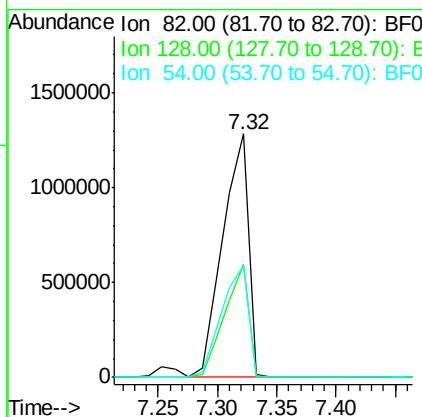
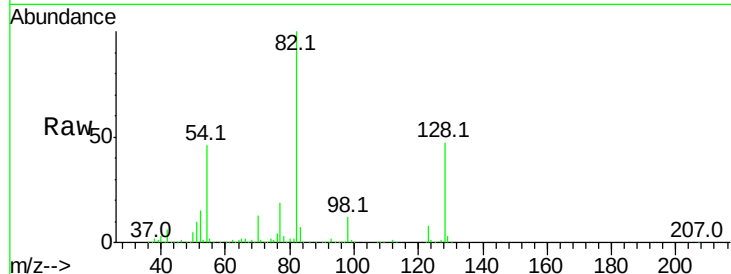
#23
Nitrobenzene-d5
Concen: 89.07 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion: 82 Resp: 1920407
Ion Ratio Lower Upper
82 100
128 46.7 34.6 52.0
54 45.9 39.5 59.3

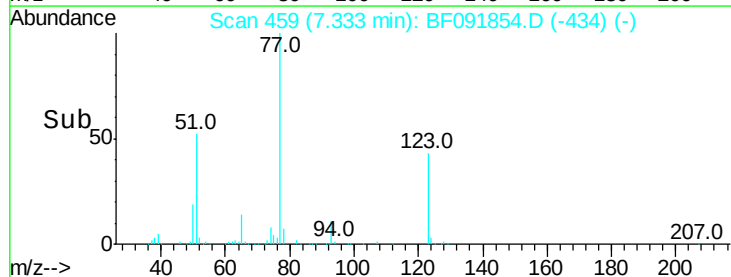
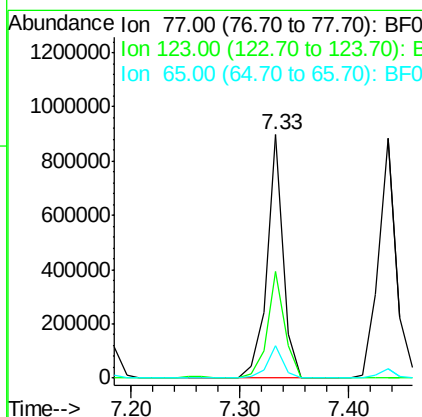
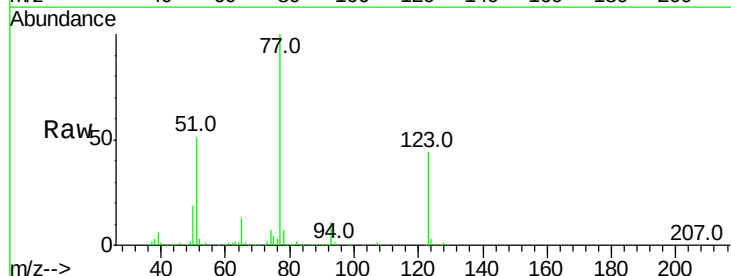
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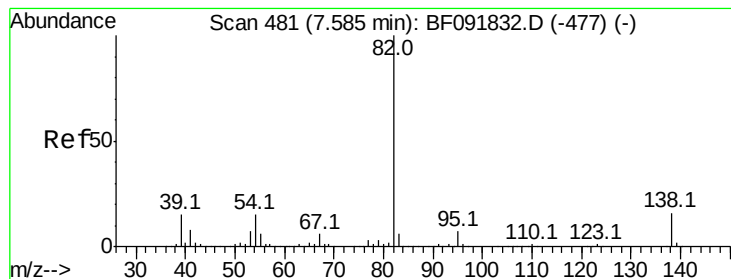
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#24
Nitrobenzene
Concen: 40.24 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion: 77 Resp: 923978
Ion Ratio Lower Upper
77 100
123 43.7 33.0 49.4
65 13.4 11.2 16.8





#25

Isophorone

Concen: 46.94 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion: 82 Resp: 1867259

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

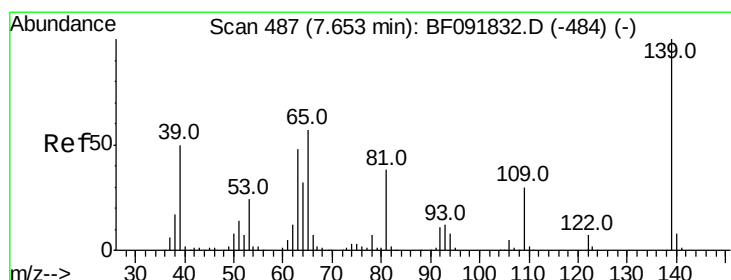
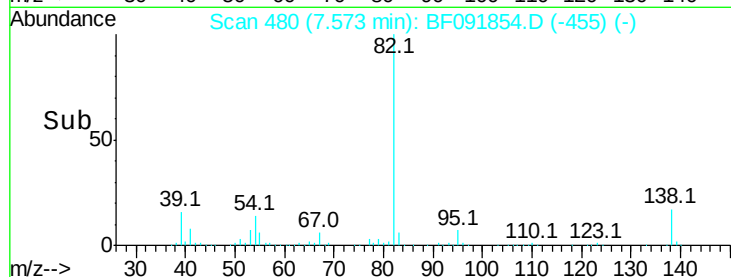
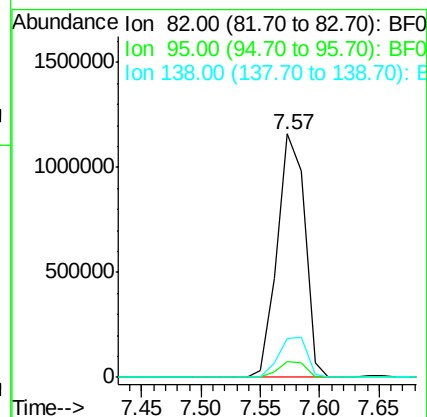
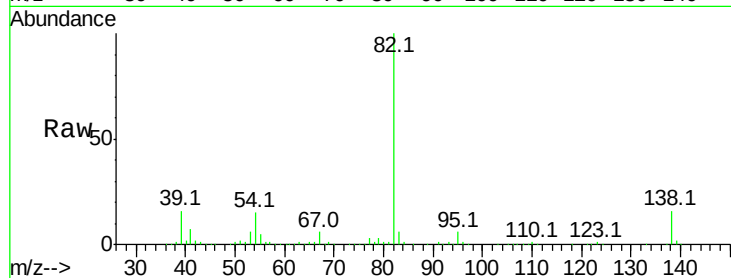
138 15.9 14.6 22.0

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#26

2-Nitrophenol

Concen: 45.96 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

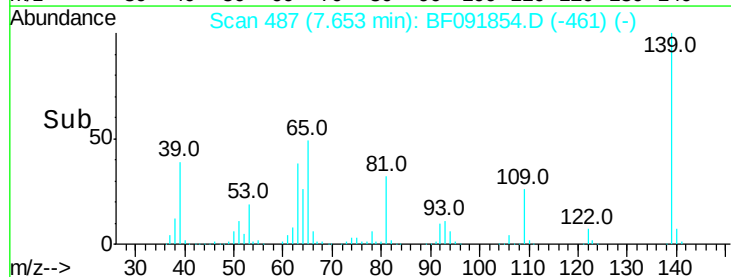
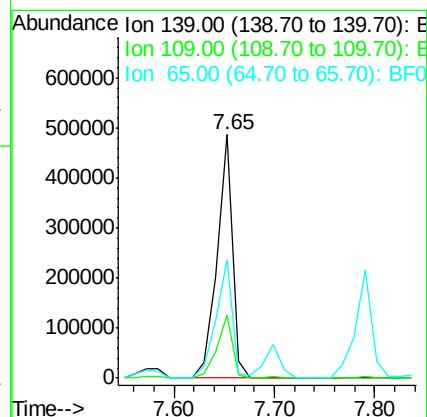
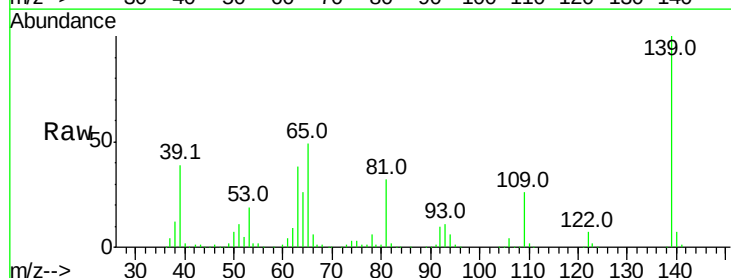
Tgt Ion: 139 Resp: 520487

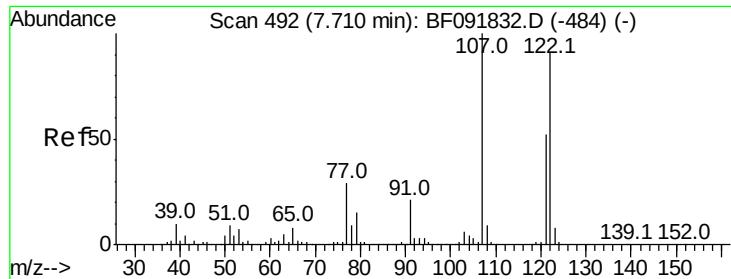
Ion Ratio Lower Upper

139 100

109 25.7 23.3 34.9

65 48.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 44.54 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

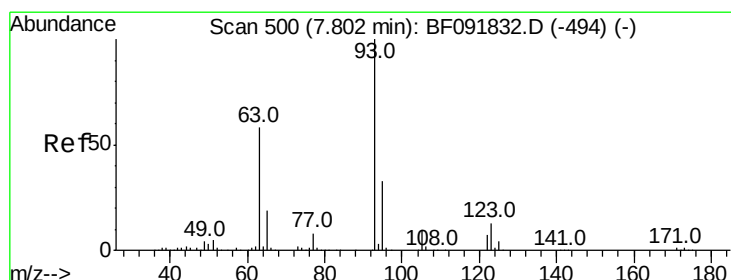
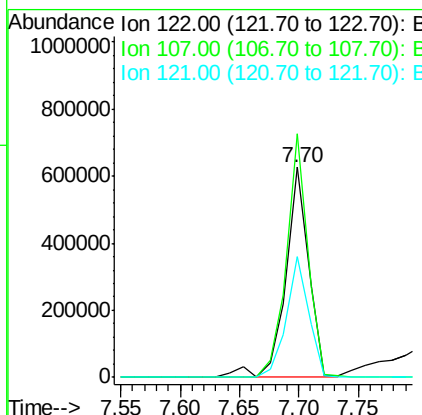
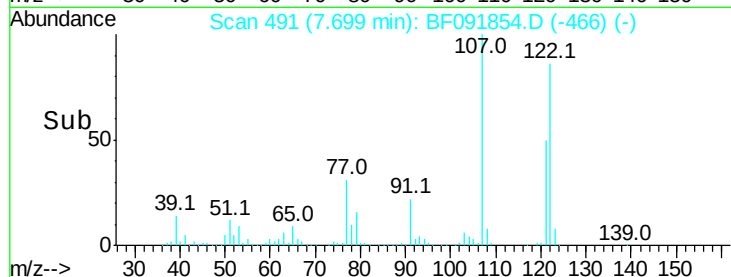
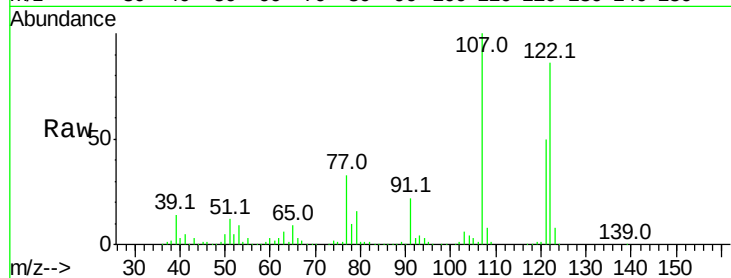
ClientSampled :

PB95522BS

Tot Ion:	122	Resp:	836622
Ion Ratio	Lower	Upper	
122	100		
107	115.9	94.1	141.1
121	57.6	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 47.24 ng

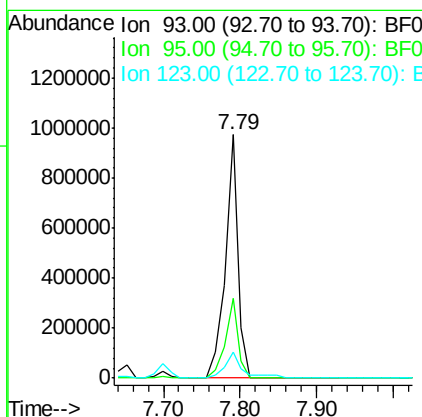
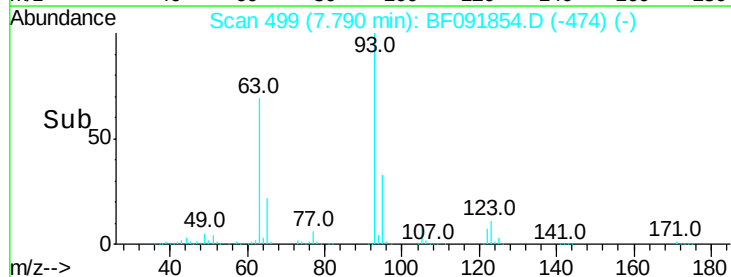
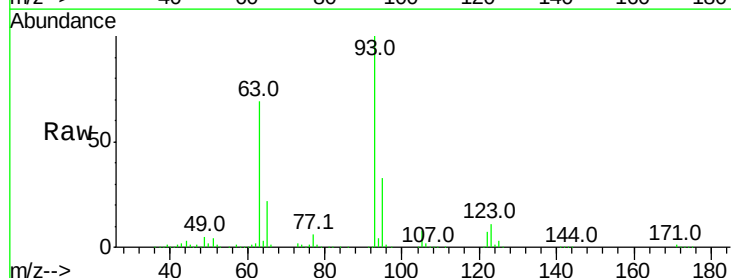
RT: 7.79 min Scan# 499

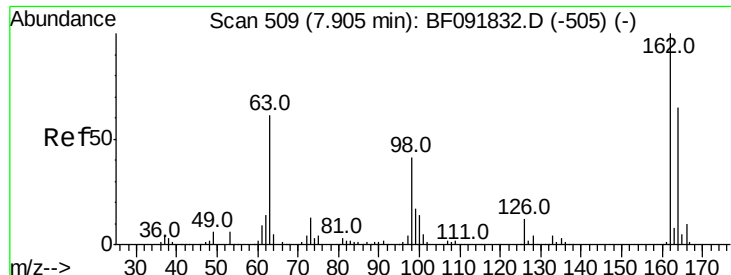
Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion:	93	Resp:	1139423
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	10.8	8.6	13.0





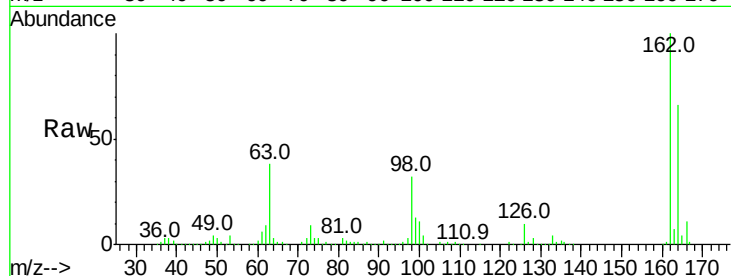
#29
 2,4-Dichlorophenol
 Concen: 49.79 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

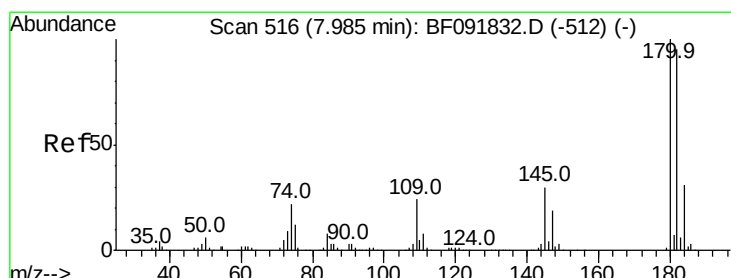
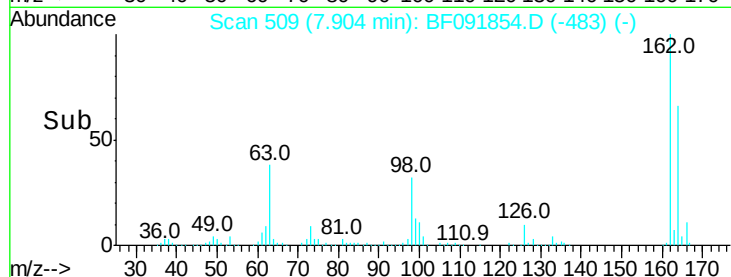
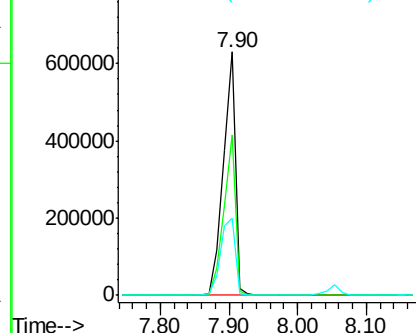
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.1	46.8	86.8
98	31.6	9.1	49.1

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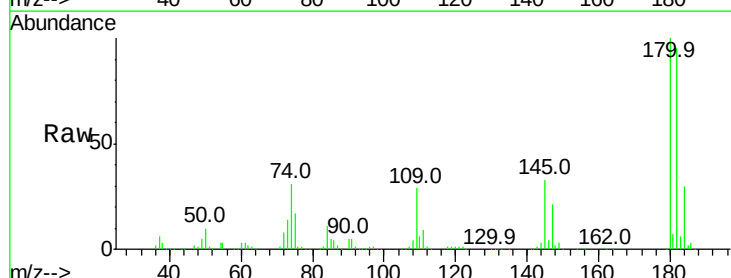


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

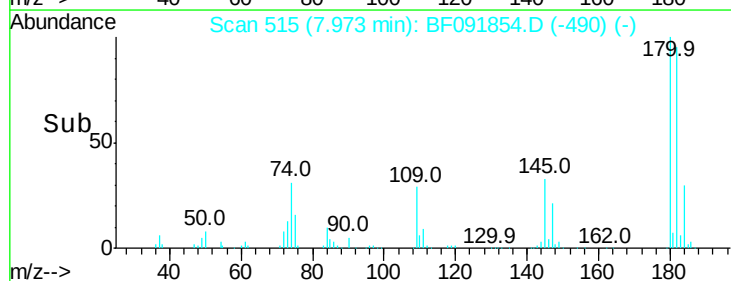
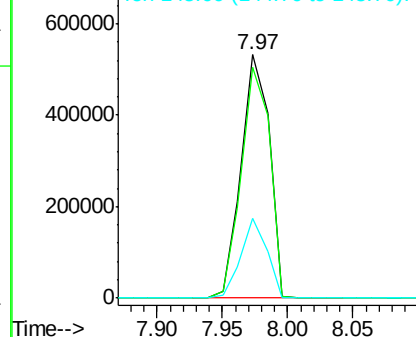


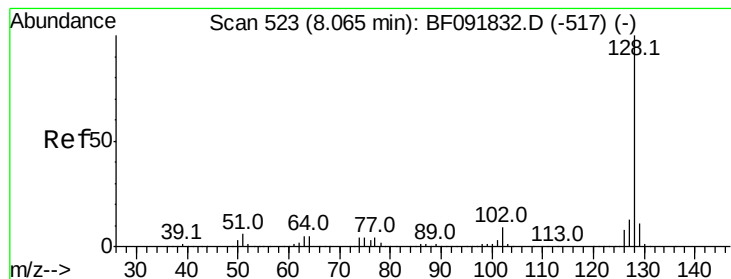
#30
 1,2,4-Trichlorobenzene
 Concen: 45.87 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	78.2	117.4
145	33.0	21.6	32.4#



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: 45.43 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion:128 Resp: 2493006

Ion Ratio Lower Upper

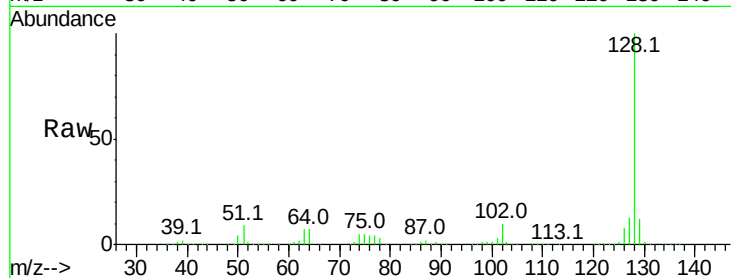
128 100

129 12.0 9.5 14.3

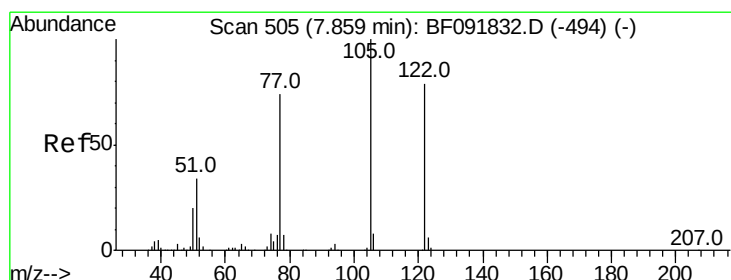
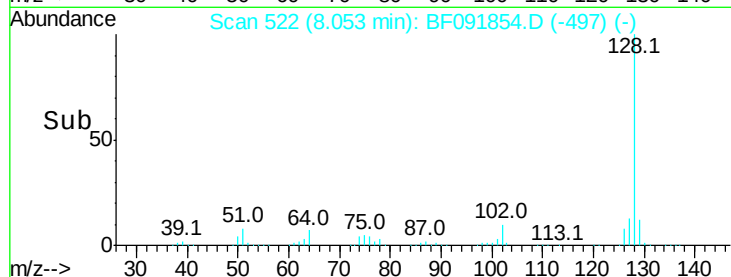
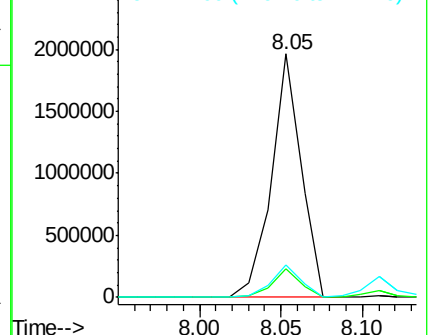
127 13.4 10.8 16.2

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



#32

Benzoic acid

Concen: 43.87 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

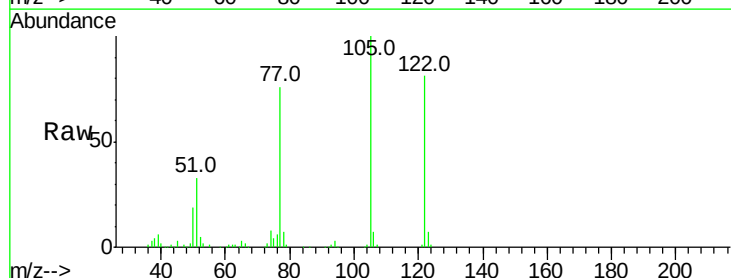
Tgt Ion:122 Resp: 611175

Ion Ratio Lower Upper

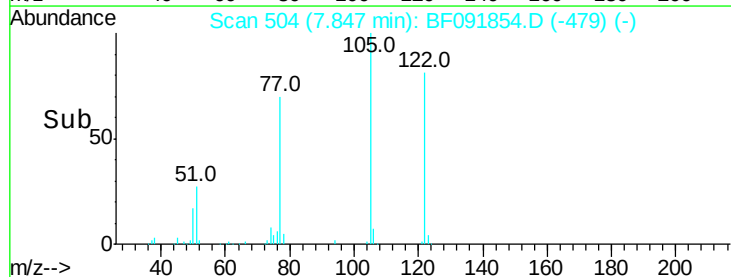
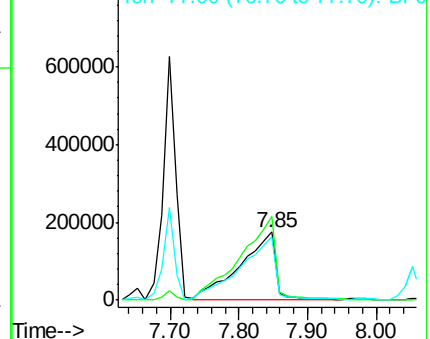
122 100

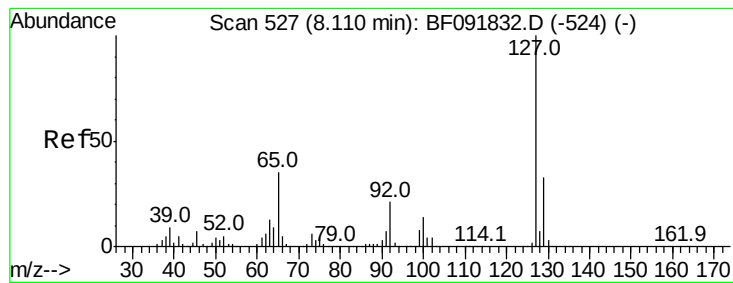
105 123.3 107.2 147.2

77 94.0 74.5 114.5



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





#33

4-Chloroaniline

Concen: 9.52 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

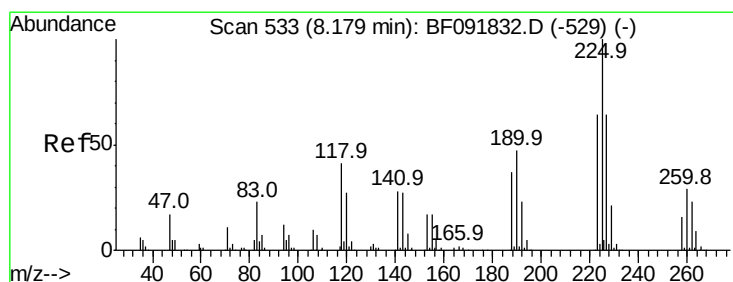
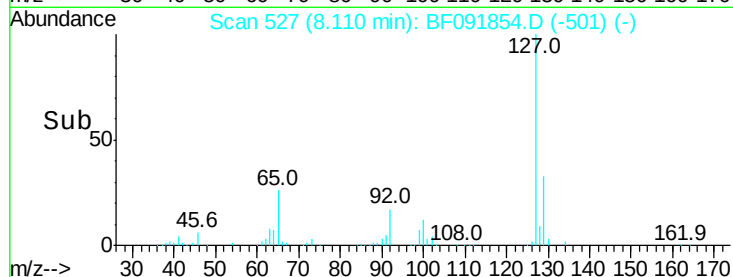
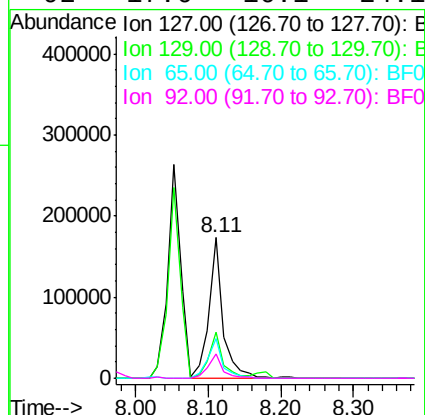
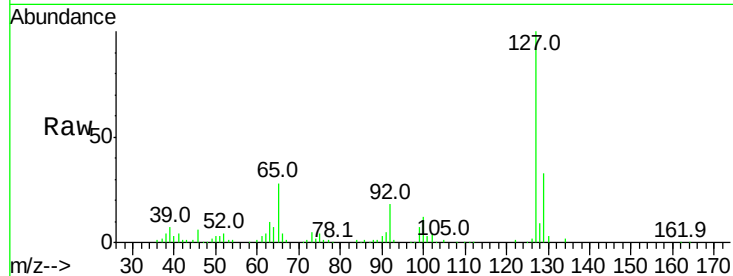
ClientSampleId :

PB95522BS

Tot Ion:	127	Resp:	235662
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.3	39.5
65	28.4	25.8	38.8
92	17.6	16.1	24.1

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#34

Hexachlorobutadiene

Concen: 46.45 ng

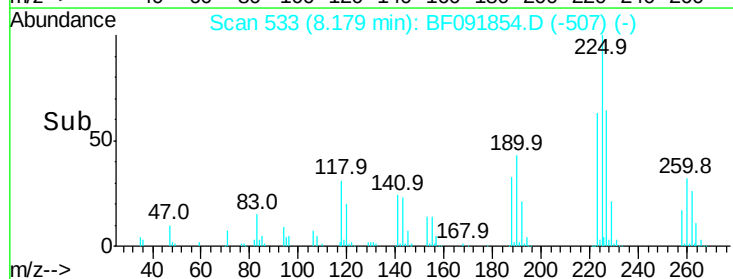
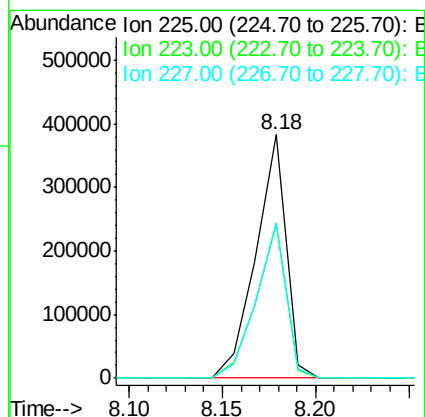
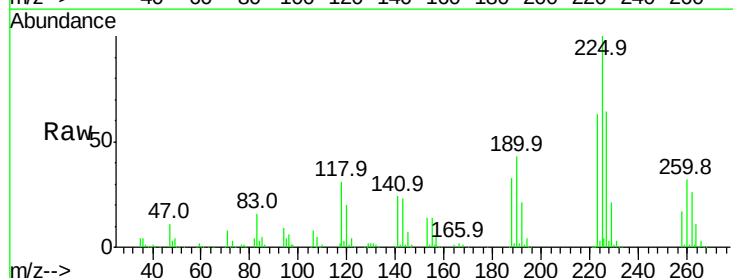
RT: 8.18 min Scan# 533

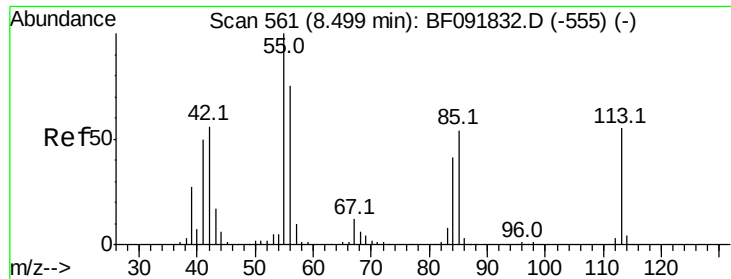
Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion:	225	Resp:	427333
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.0	76.6
227	63.7	50.6	76.0





#35

Caprolactam

Concen: 51.30 ng/mL

RT: 8.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleID :

PB95522BS

Tot Ion:113 Resp: 268147

Ion Ratio Lower Upper

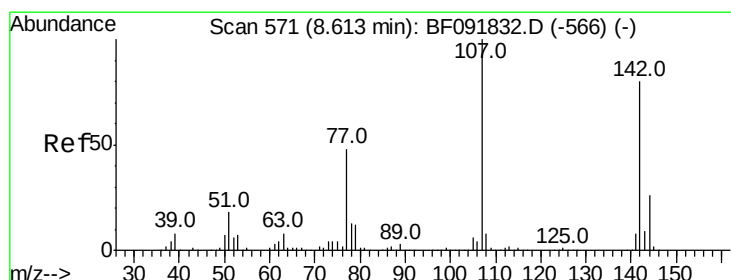
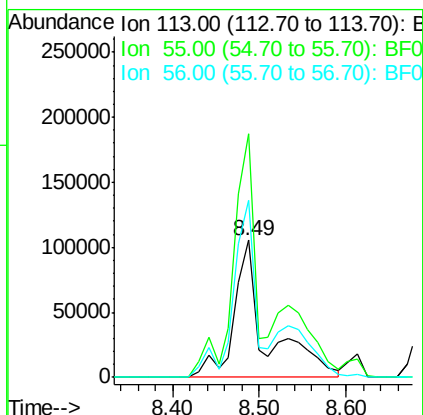
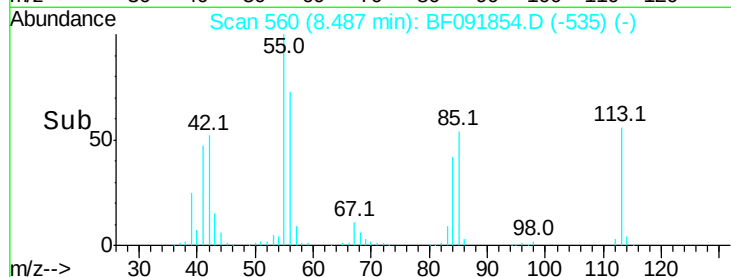
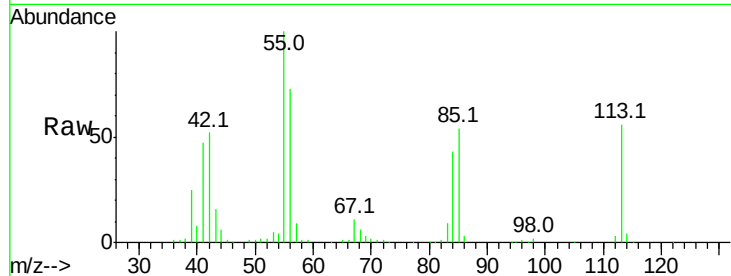
113 100

55 177.8 119.2 159.2#

56 129.4 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 49.35 ng/mL

RT: 8.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

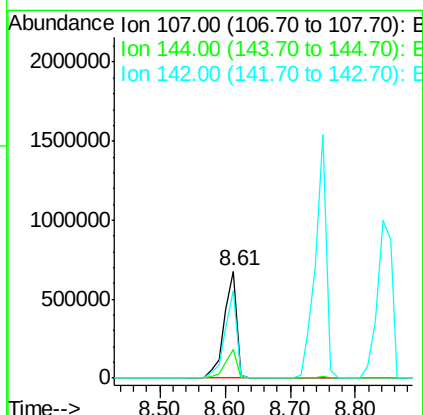
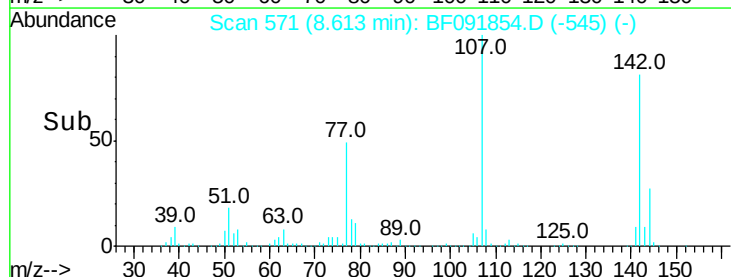
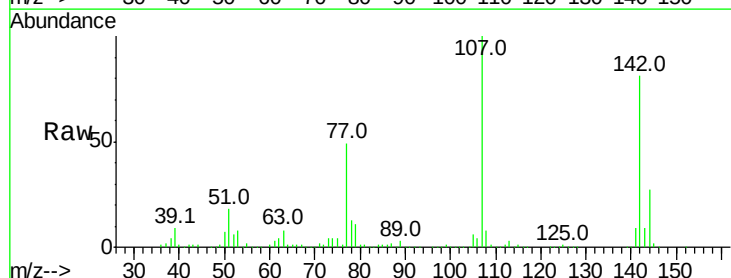
Tgt Ion:107 Resp: 903180

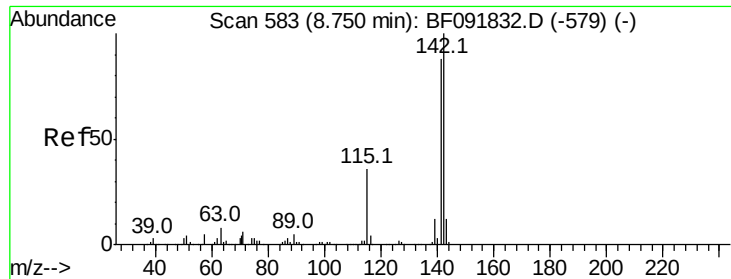
Ion Ratio Lower Upper

107 100

144 26.6 19.3 28.9

142 81.2 59.0 88.6





#37

2-Methylnaphthalene

Concen: 61.03 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

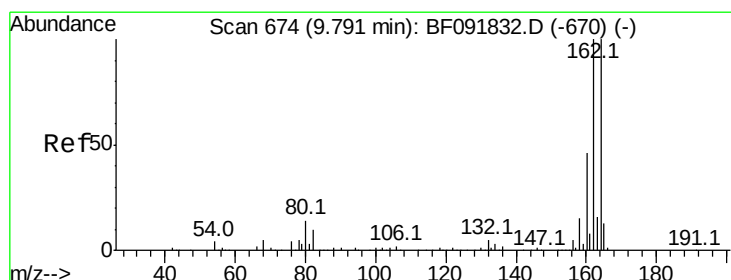
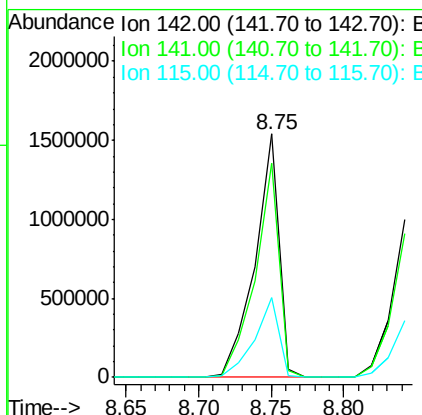
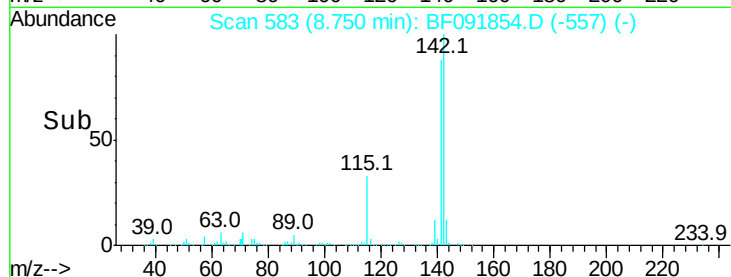
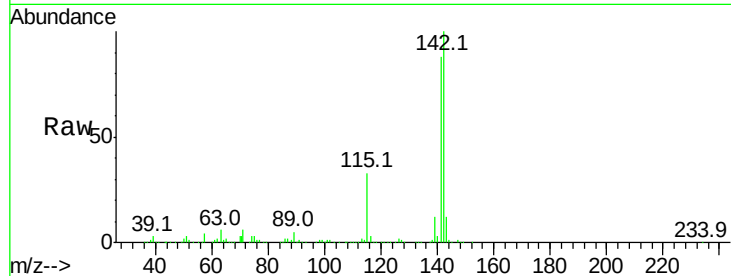
Instrument :
BNA_F

ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	32.5	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

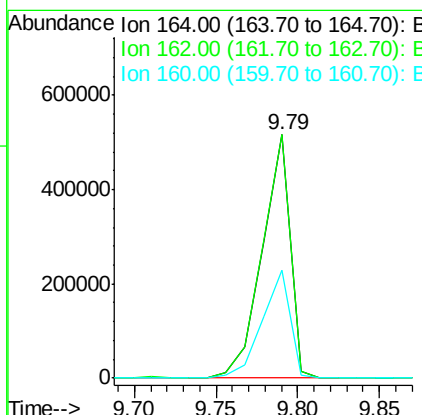
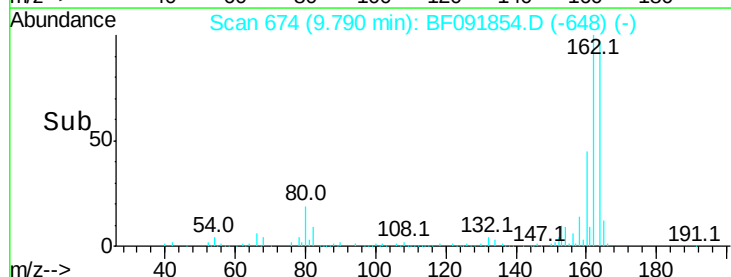
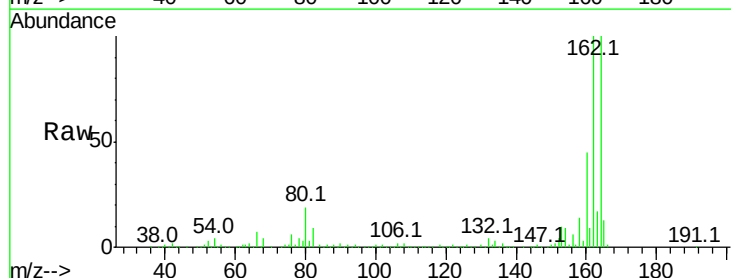
RT: 9.79 min Scan# 674

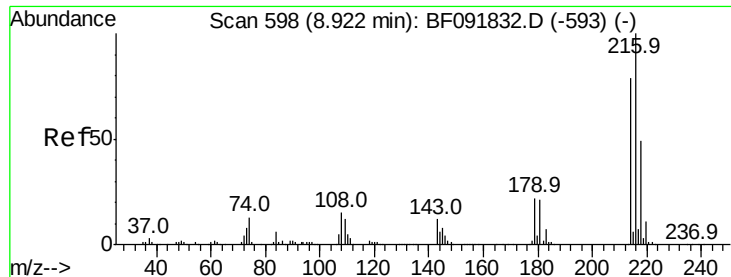
Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.44 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

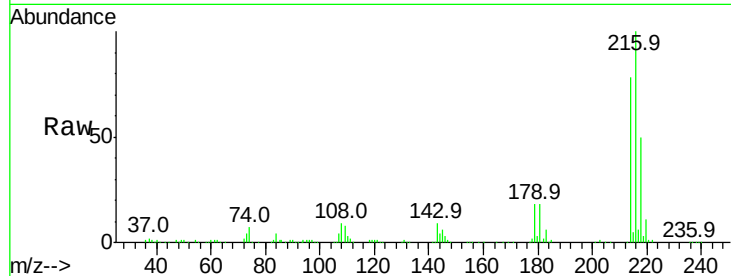
ClientSampleId :

PB95522BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.7	63.4	95.0
179	21.1	17.4	26.2
108	21.8	15.6	23.4

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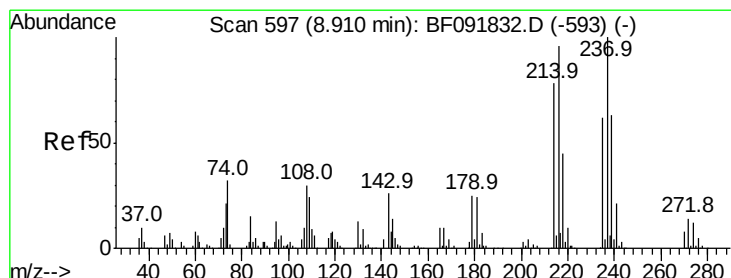
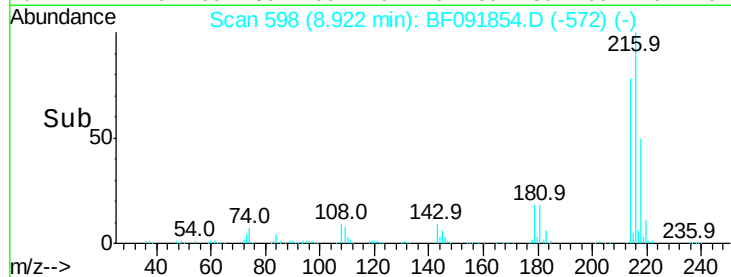
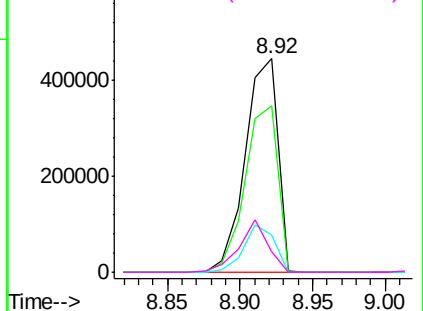


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 94.35 ng

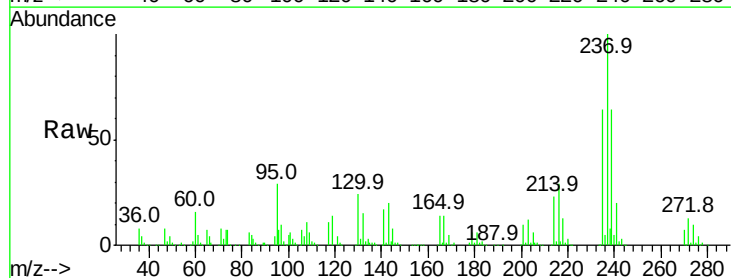
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

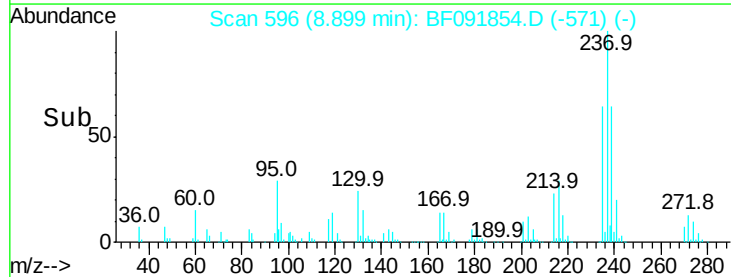
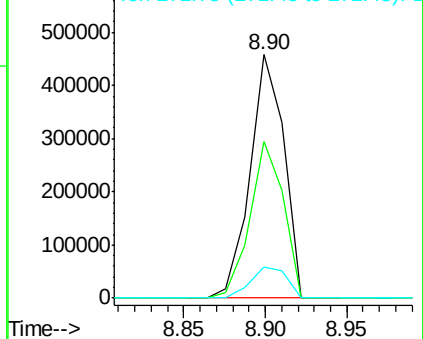
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.2	41.2	81.2
272	13.0	0.0	35.4

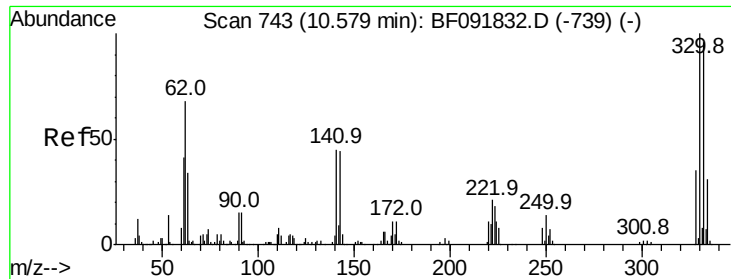


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





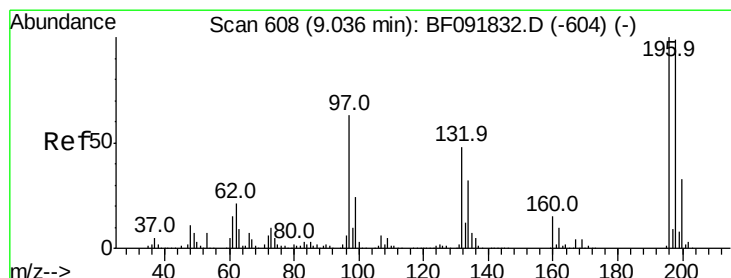
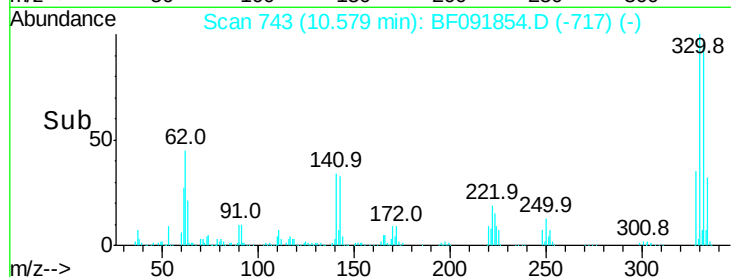
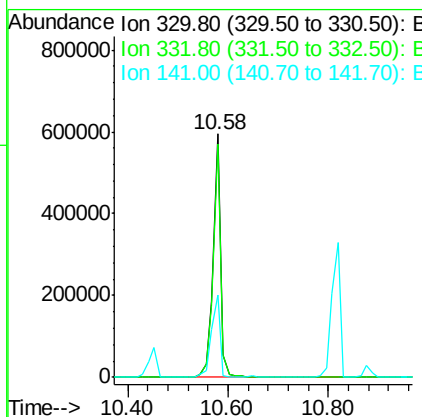
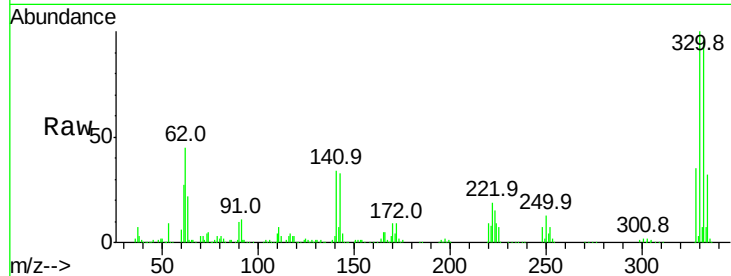
#41
 2,4,6-Tribromophenol
 Concen: 122.09 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	39.0	34.1	51.1

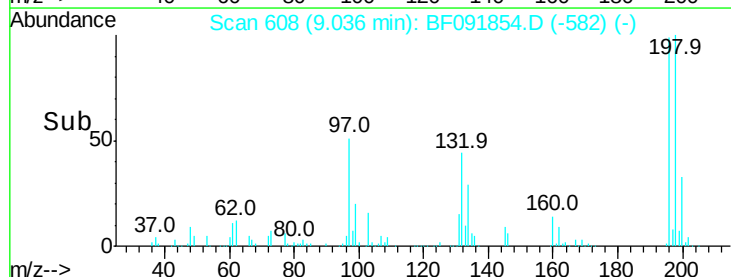
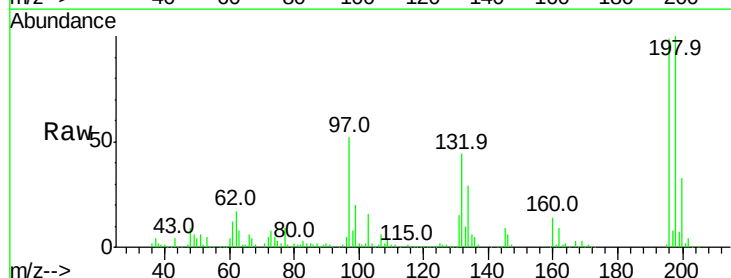
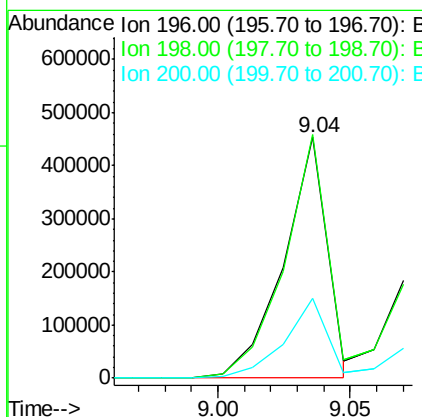
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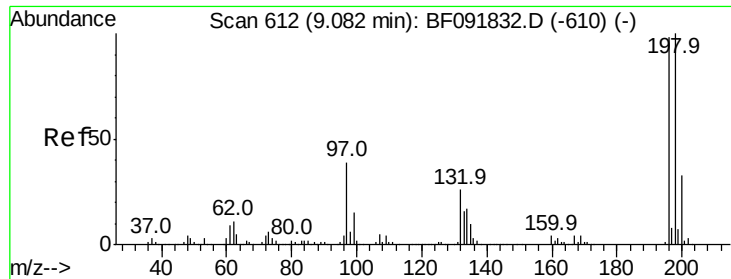
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#42
 2,4,6-Trichlorophenol
 Concen: 48.28 ng m
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	82.1	123.1
200	32.9	27.0	40.4





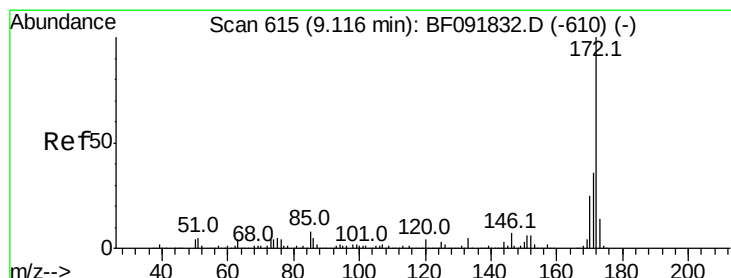
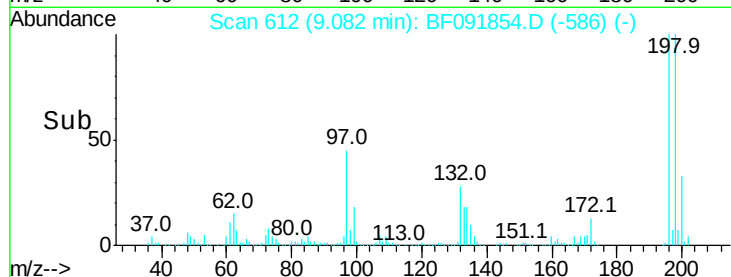
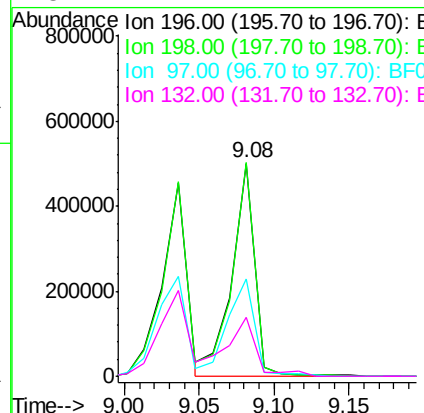
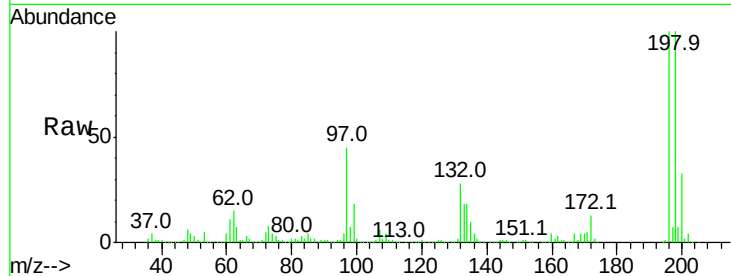
#43
2,4,5-Trichlorophenol
Concen: 47.51 ng/ml
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	531605		
198	100.2	79.4	119.2	
97	45.5	51.5	77.3	
132	27.7	27.4	41.2	

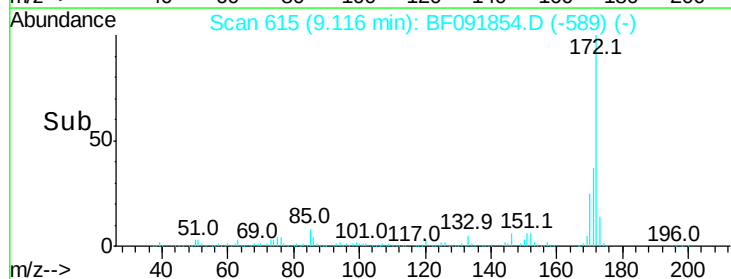
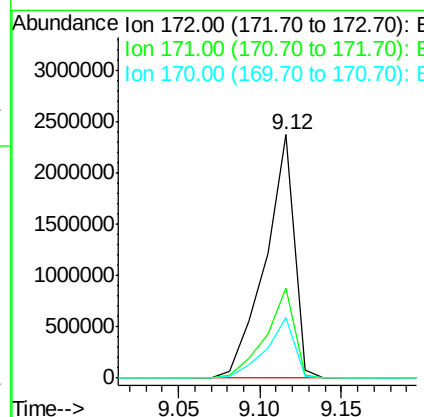
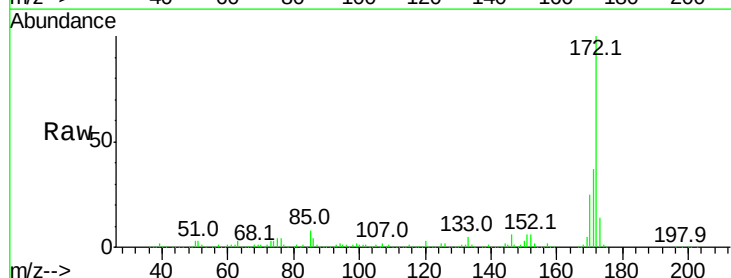
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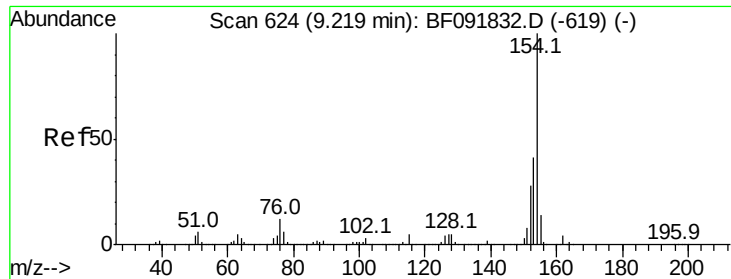
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#44
2-Fluorobiphenyl
Concen: 100.42 ng/ml
RT: 9.12 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2945916		
171	36.8	29.4	44.0	
170	25.1	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 48.76 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion:154 Resp: 2054756

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

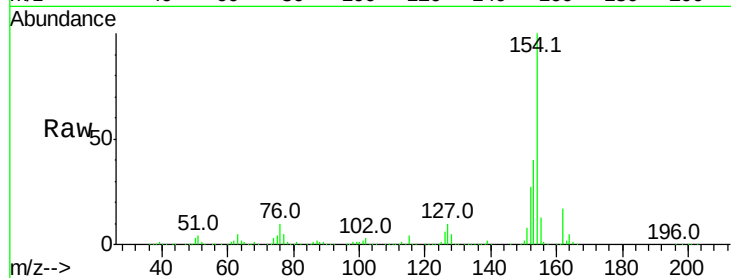
76 9.7 0.0 30.5

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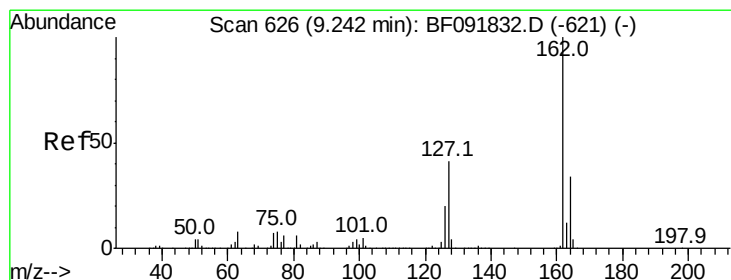
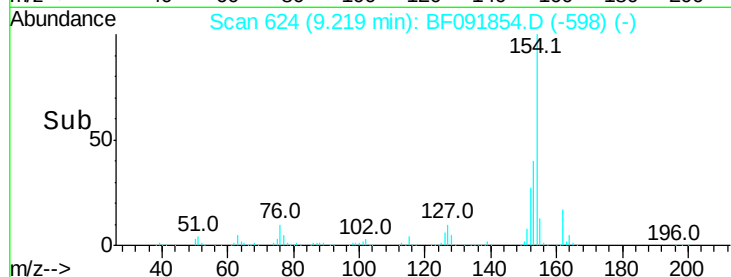
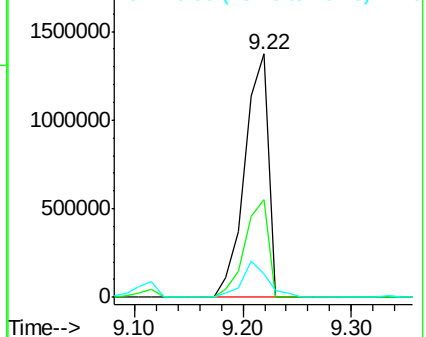
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.06 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

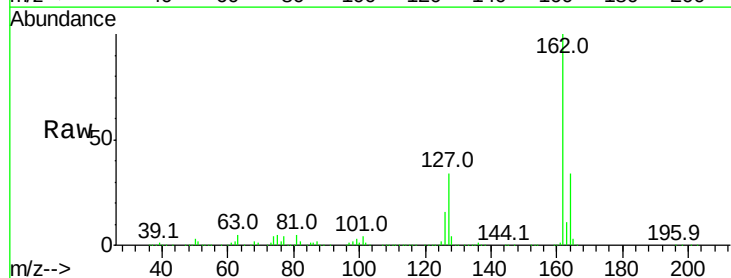
Tgt Ion:162 Resp: 1570191

Ion Ratio Lower Upper

162 100

127 34.4 30.7 46.1

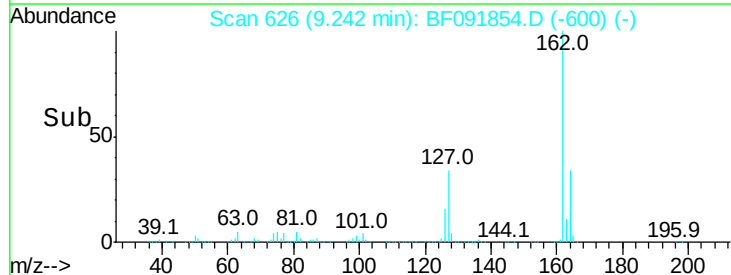
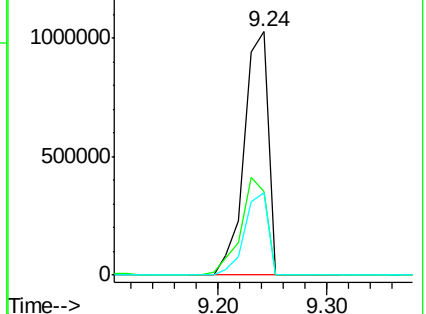
164 33.8 27.6 41.4

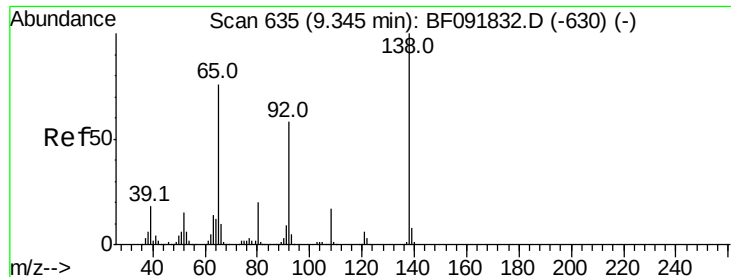


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.73 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

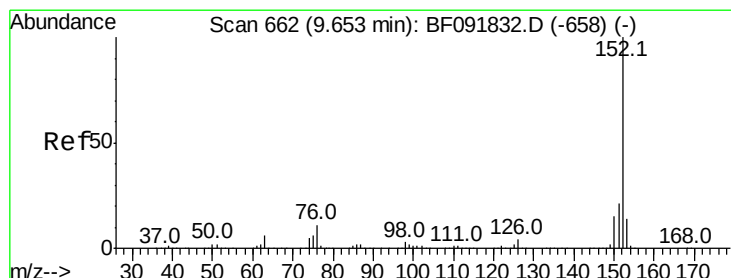
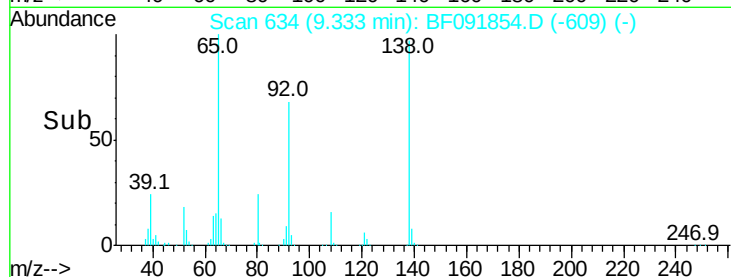
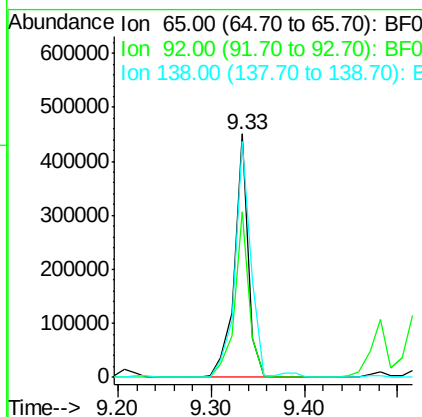
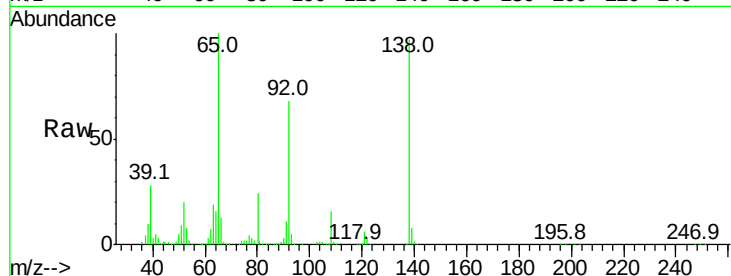
ClientSampleId :

PB95522BS

Tot Ion:	65	Resp:	472071
Ion Ratio	Lower	Upper	
65	100		
92	68.0	53.9	80.9
138	97.1	76.8	115.2

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#48

Acenaphthylene

Concen: 48.06 ng

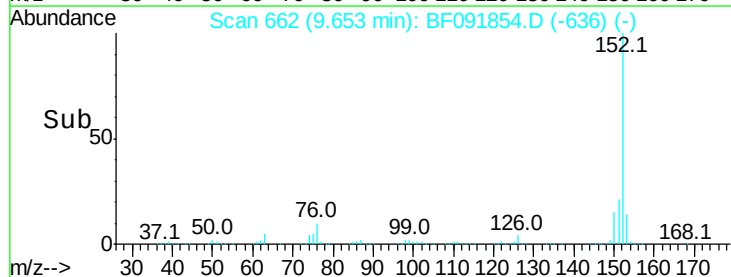
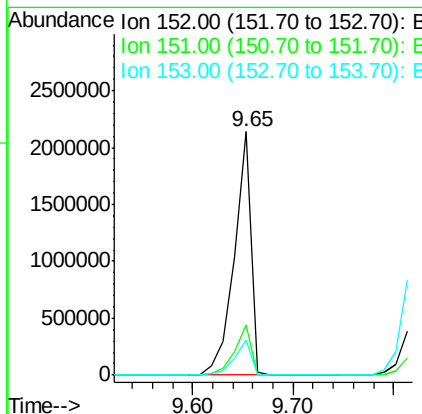
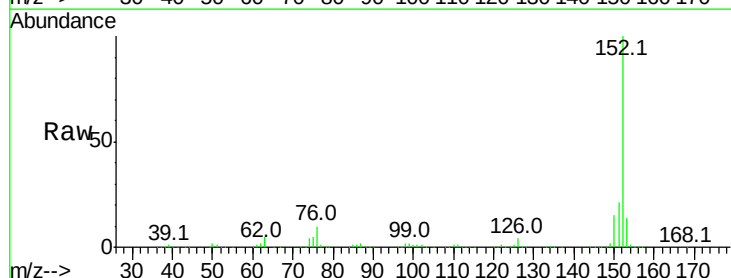
RT: 9.65 min Scan# 662

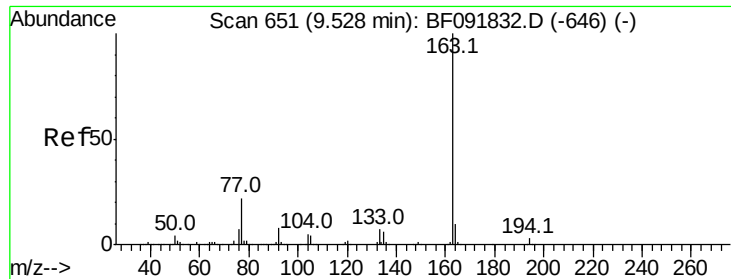
Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion:	152	Resp:	2466447
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.9	25.3
153	14.2	11.4	17.2





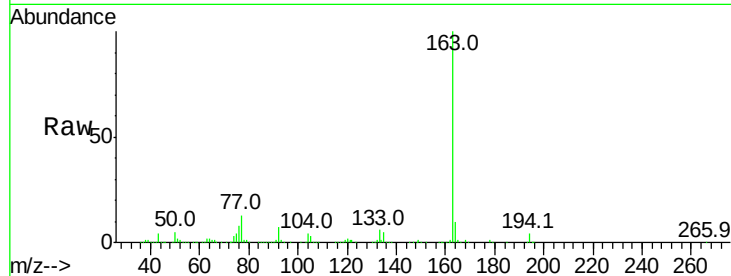
#49
Dimethylphthalate
Concen: 45.35 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

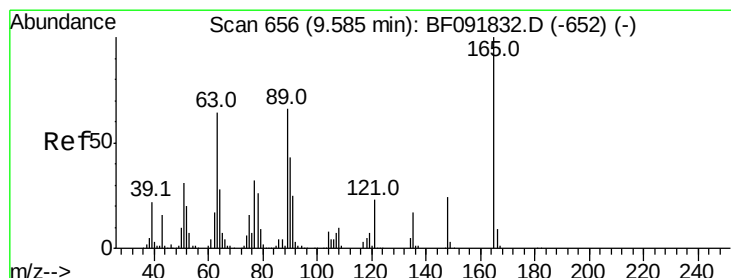
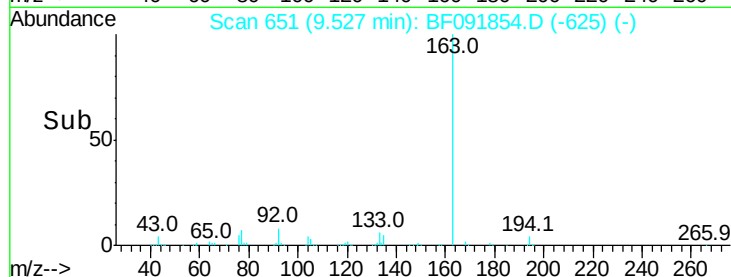
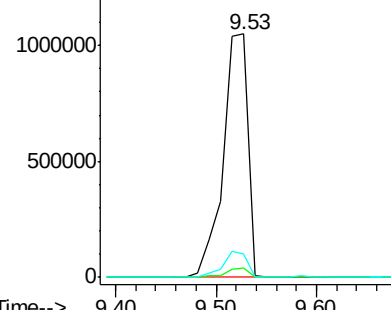
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.5	8.0	12.0

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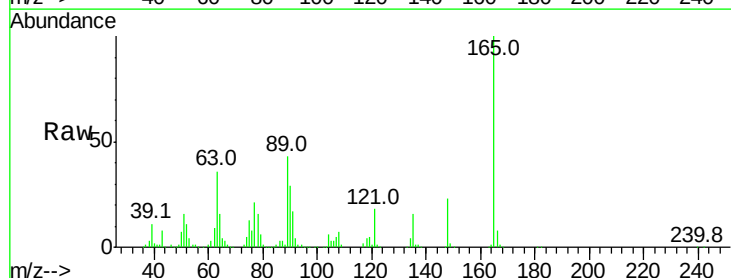


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

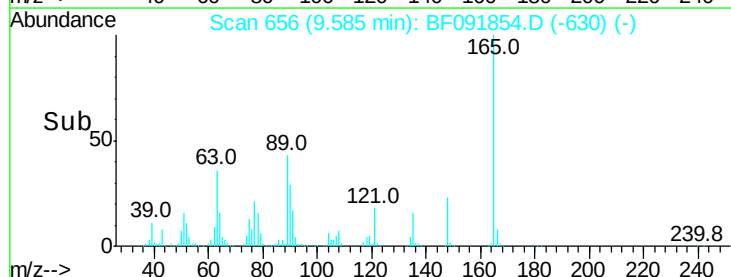
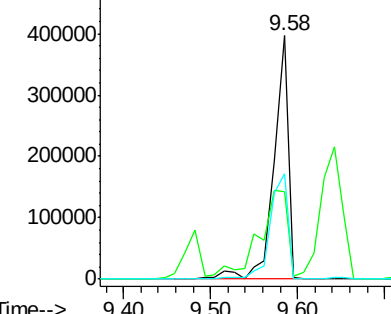


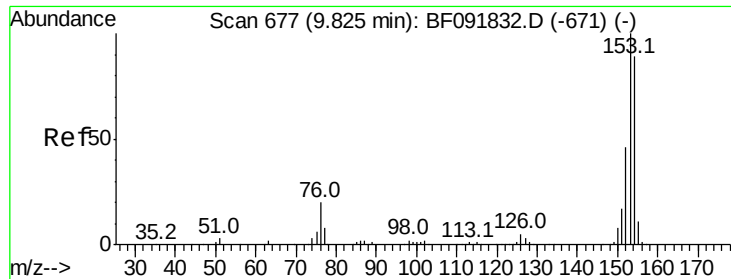
#50
2,6-Dinitrotoluene
Concen: 53.46 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.2	36.2	54.4#
89	43.4	40.2	60.4



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





#51

Acenaphthene

Concen: 44.43 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion:154 Resp: 1545988

Ion Ratio Lower Upper

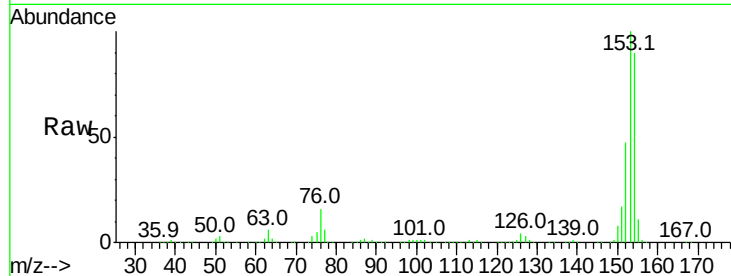
154 100

153 111.5 88.6 133.0

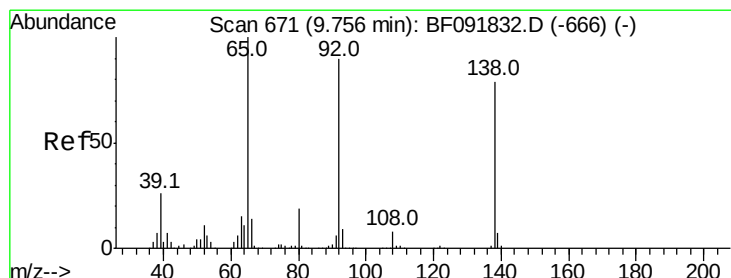
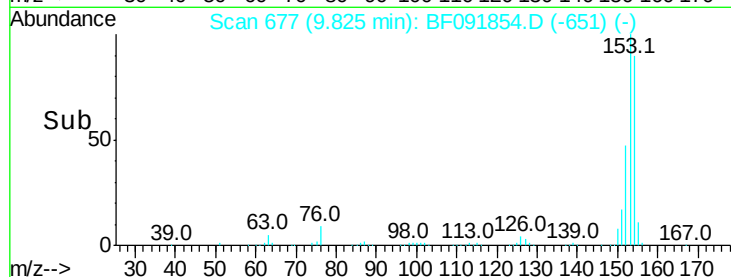
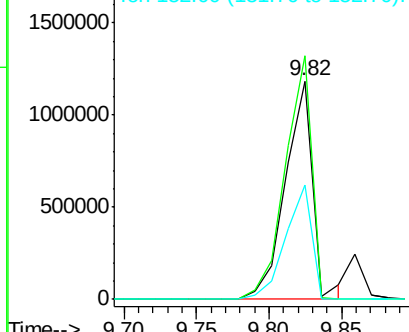
152 52.1 41.6 62.4

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



#52

3-Nitroaniline

Concen: 15.27 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

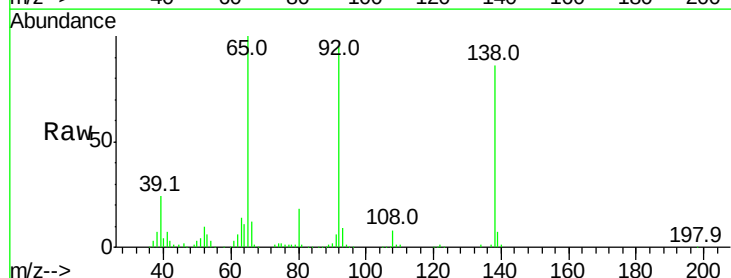
Tgt Ion:138 Resp: 162784

Ion Ratio Lower Upper

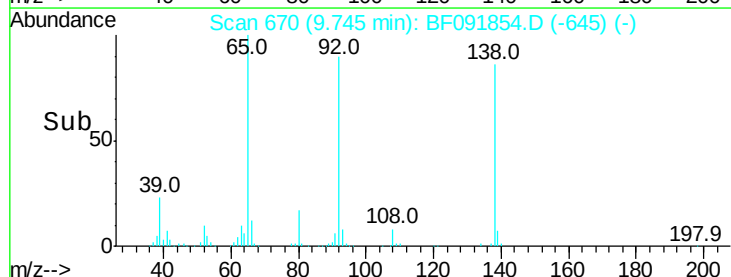
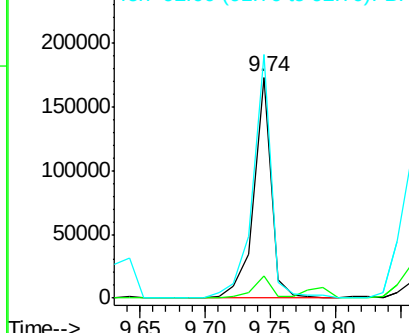
138 100

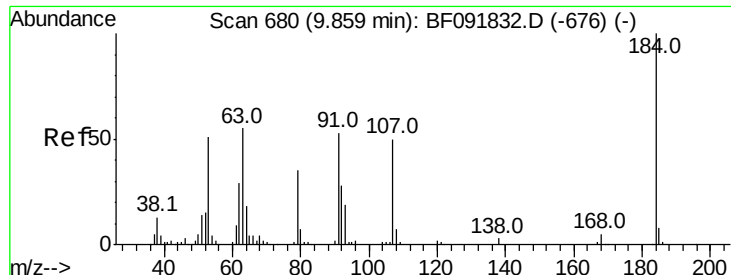
108 9.9 8.5 12.7

92 110.2 97.8 146.8



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





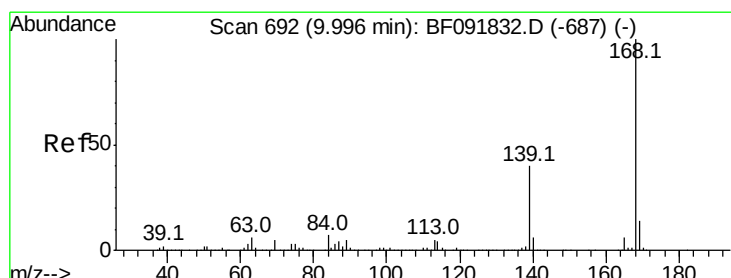
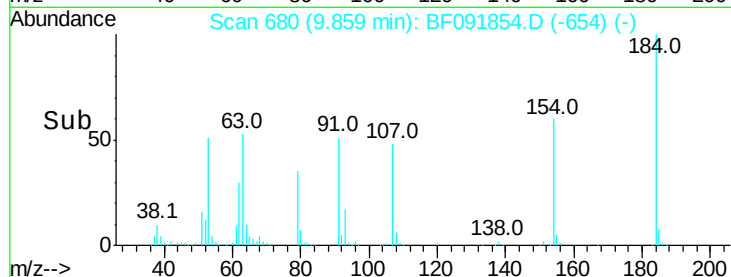
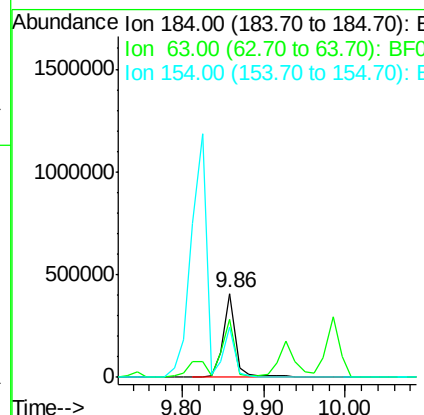
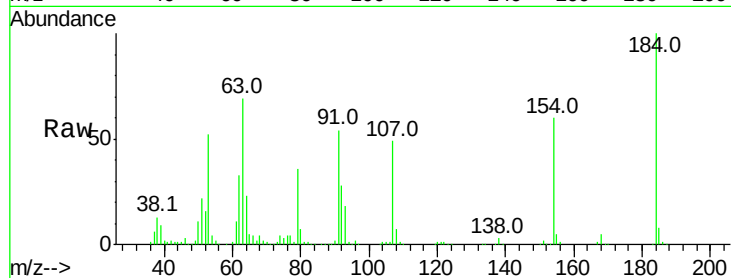
#53
 2,4-Dinitrophenol
 Concen: 90.60 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleID :
 PB95522BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.1	28.4	42.6#
154	60.4	44.3	66.5

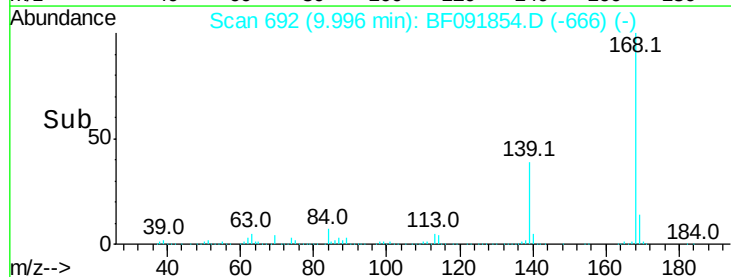
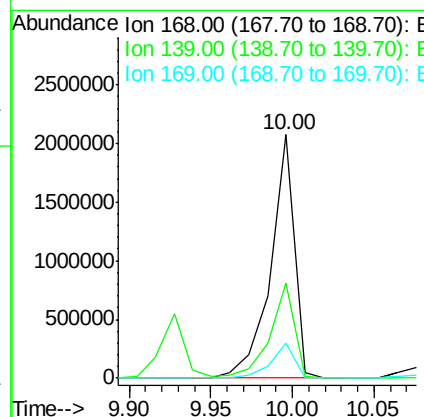
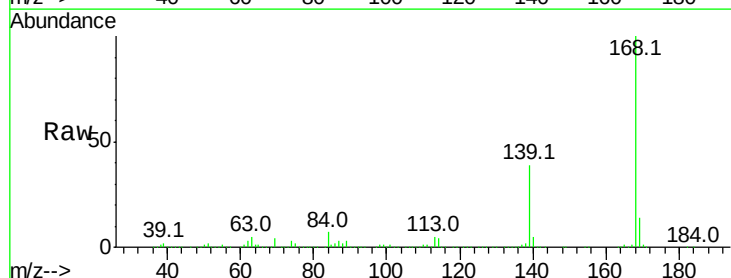
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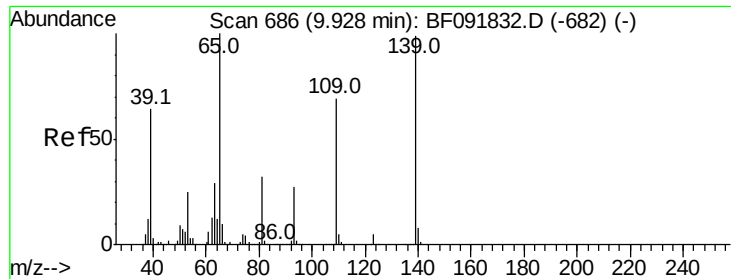
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#54
 Dibenzofuran
 Concen: 44.82 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.6	49.0
169	14.2	11.3	16.9





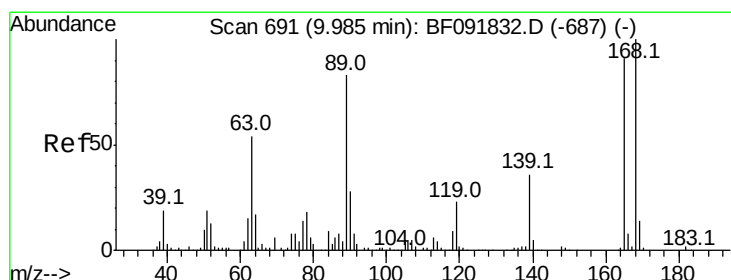
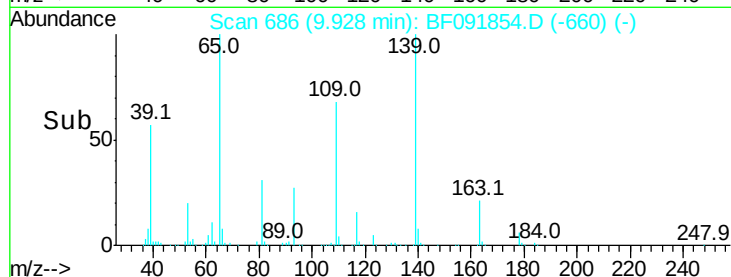
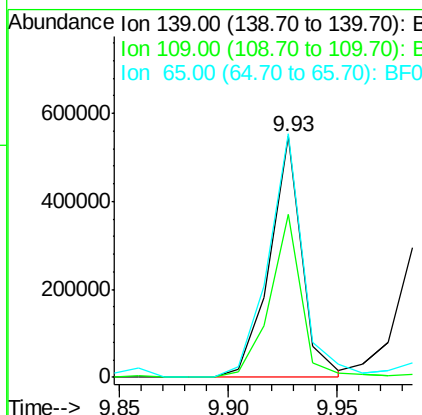
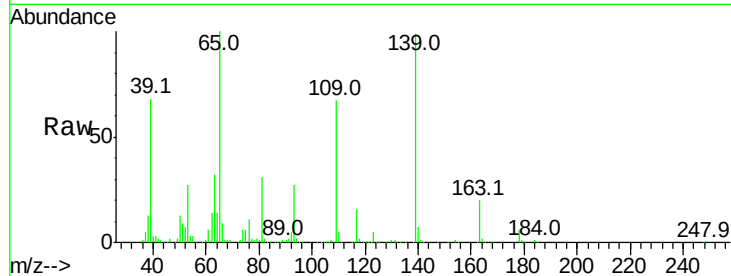
#55
4-Nitrophenol
Concen: 78.88 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	570995		
109	68.0		52.2	92.2
65	101.1		85.8	125.8

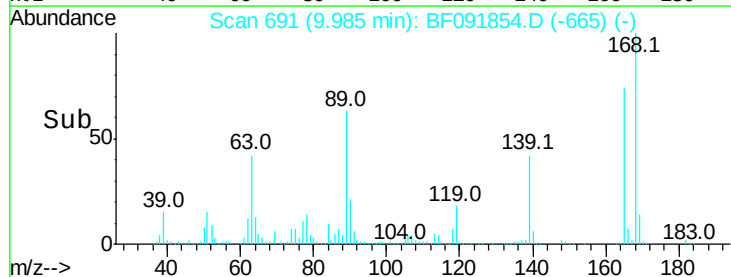
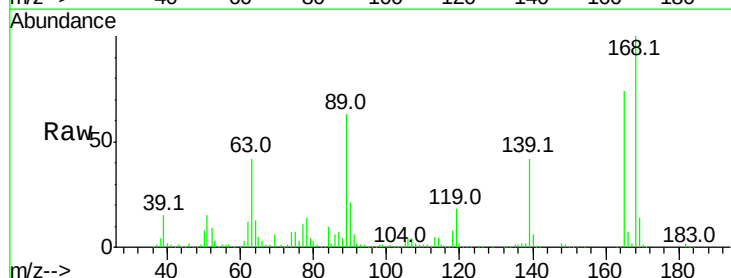
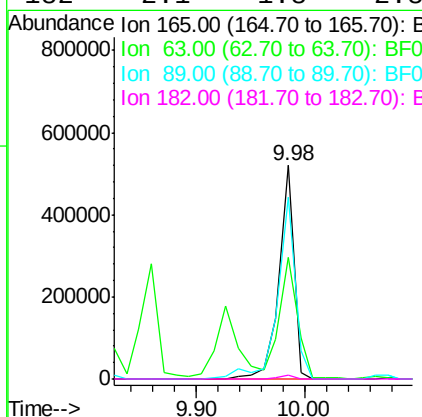
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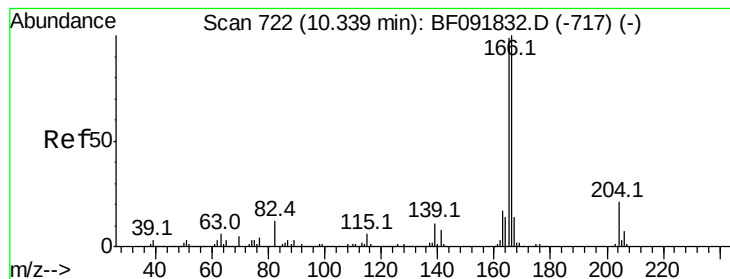
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#56
2,4-Dinitrotoluene
Concen: 46.08 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	498232		
63	56.7		40.2	60.4
89	85.2		62.5	93.7
182	2.1		1.8	2.8





#57

Fluorene

Concen: 49.03 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion:166 Resp: 1676011

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

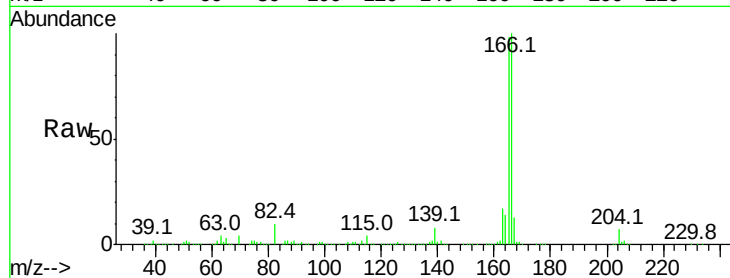
167 13.3 10.8 16.2

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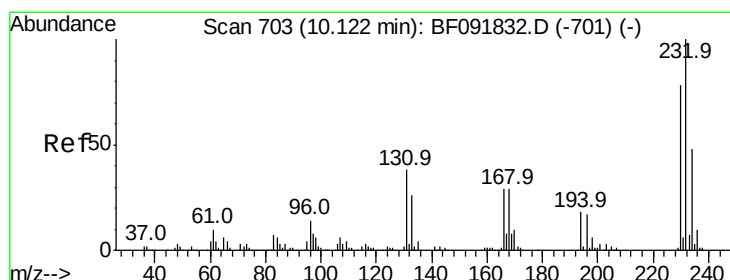
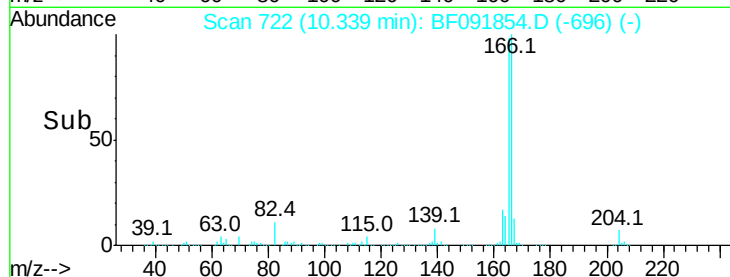
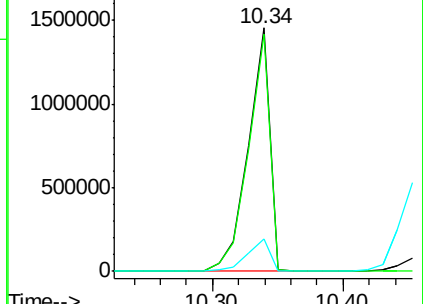
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 45.54 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Tgt Ion:232 Resp: 403020

Ion Ratio Lower Upper

232 100

131 49.3 40.1 60.1

130 2.4 1.8 2.8

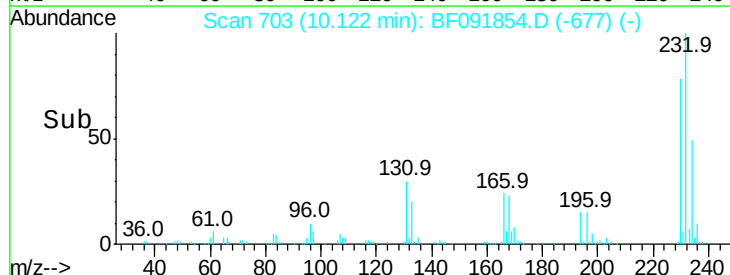
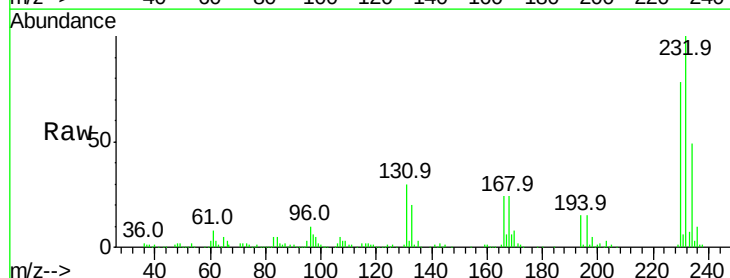
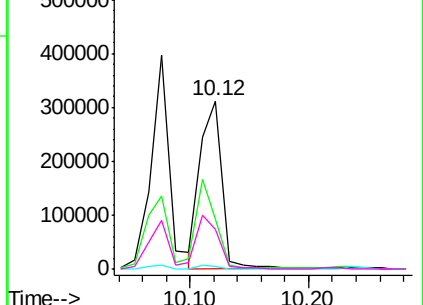
166 32.1 26.6 39.8

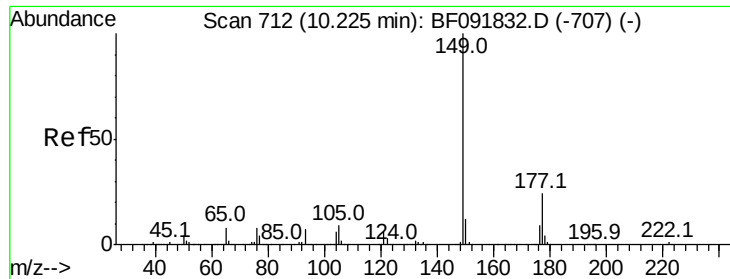
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





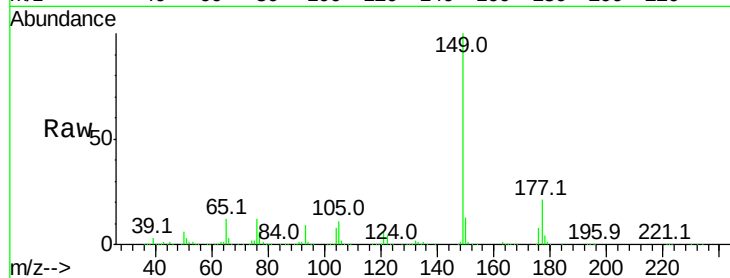
#59
Diethylphthalate
Concen: 45.46 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

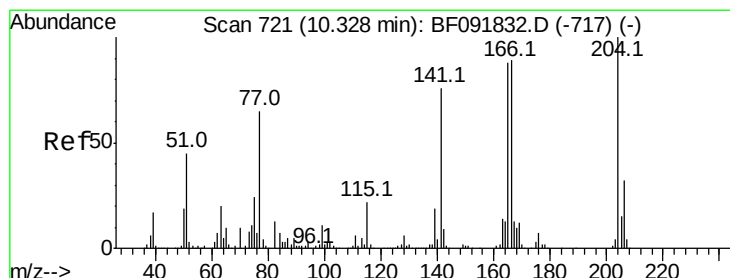
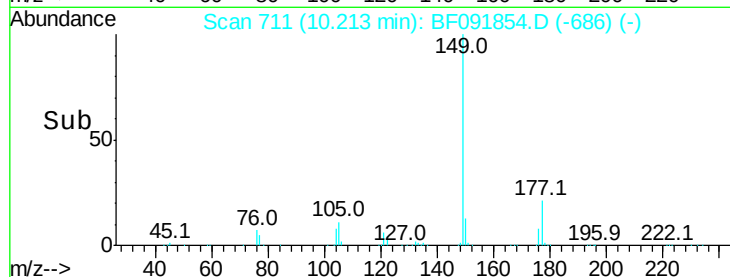
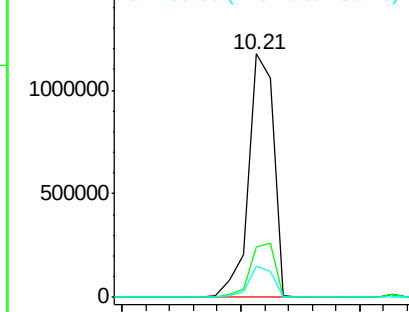
Tot Ion:149 Resp: 1737834
Ion Ratio Lower Upper
149 100
177 20.6 16.6 25.0
150 12.8 10.4 15.6

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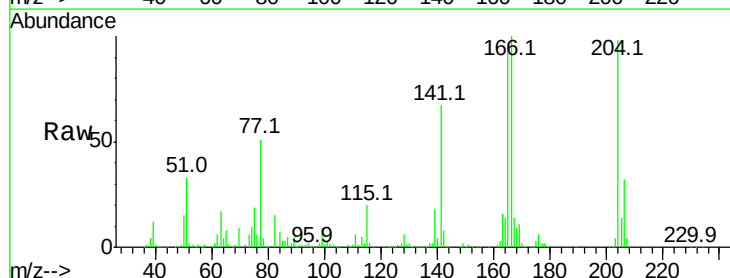


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

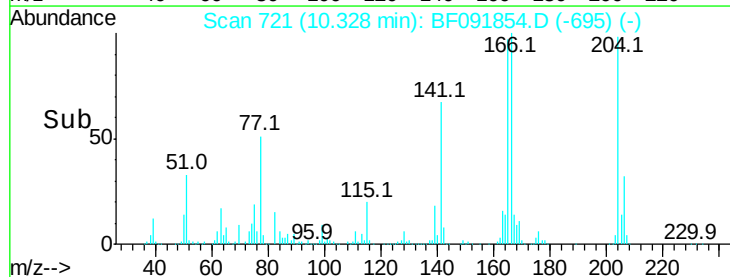
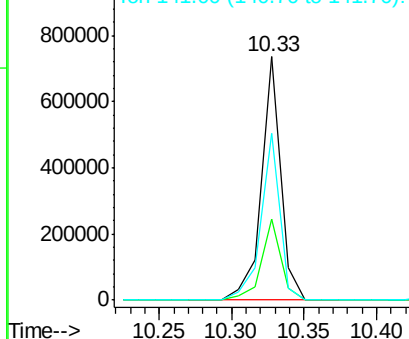


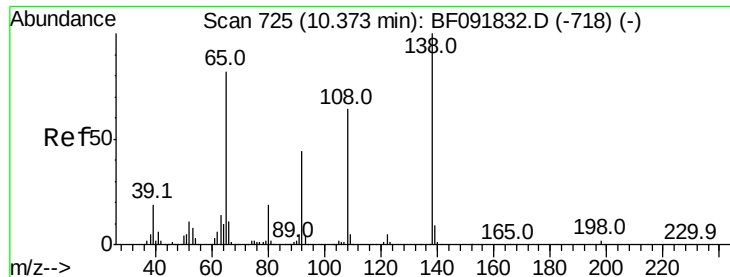
#60
4-Chlorophenyl-phenylether
Concen: 45.28 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion:204 Resp: 677810
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 68.6 59.4 89.0



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





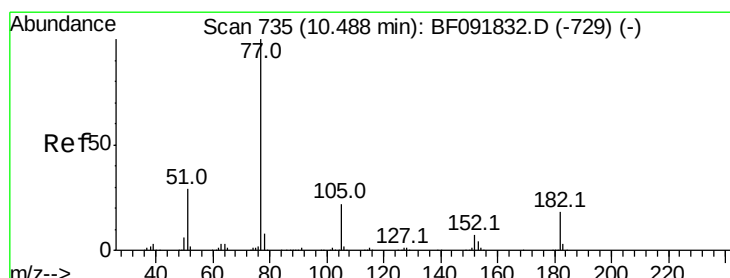
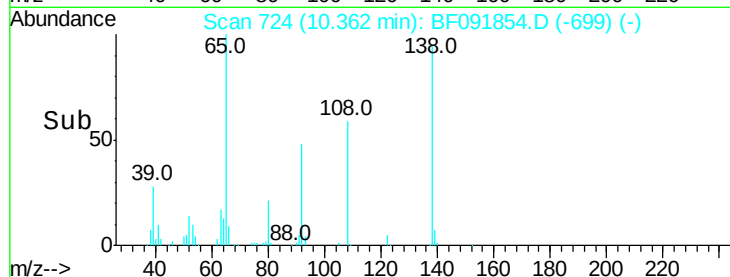
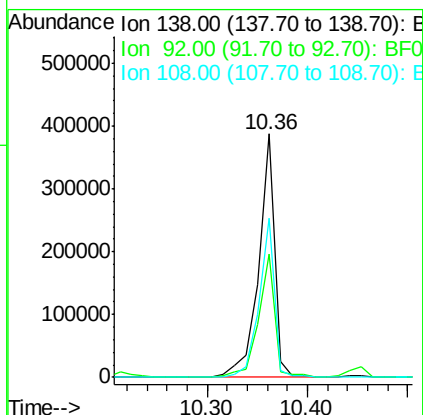
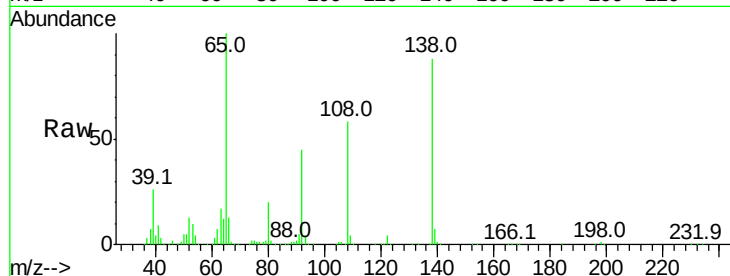
#61
4-Nitroaniline
Concen: 38.92 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.7	71.7
108	65.2	52.6	92.6

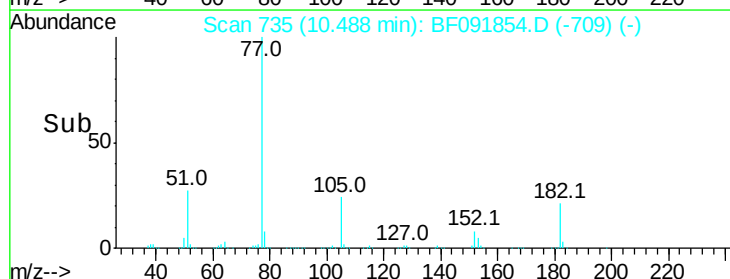
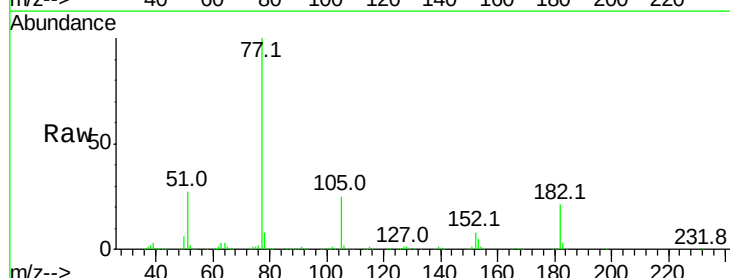
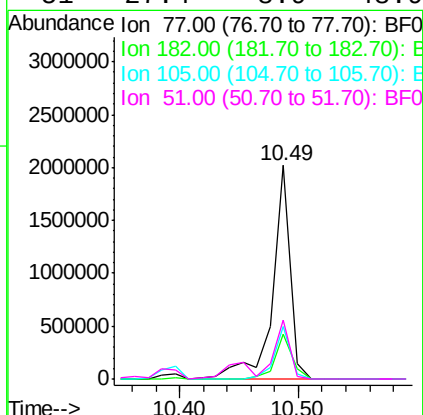
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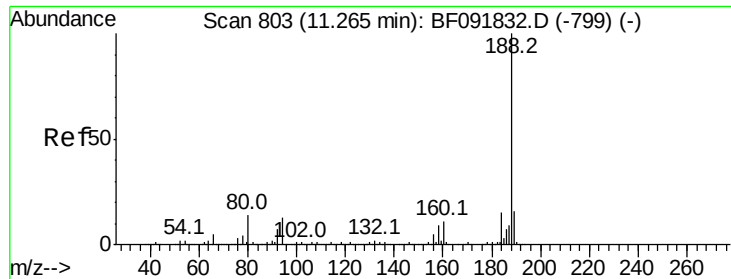
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#62
Azobenzene
Concen: 49.88 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	0.0	39.3
105	24.6	2.3	42.3
51	27.4	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

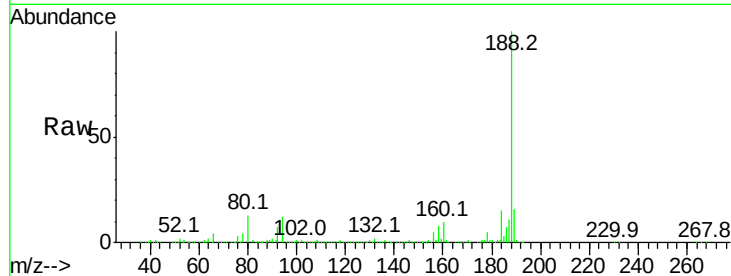
ClientSampleId :

PB95522BS

Tot Ion:188	Resp:	992823
Ion Ratio	Lower	Upper
188 100		
94 12.4	10.0	15.0
80 13.4	11.2	16.8

Manual Integrations
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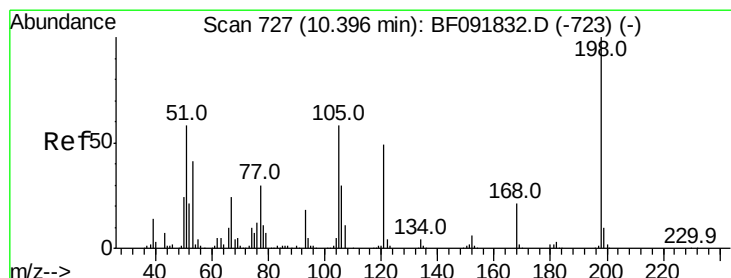
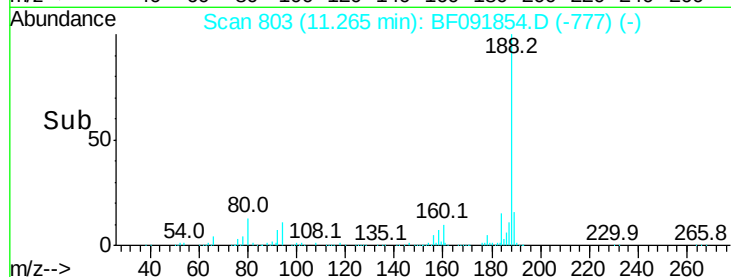
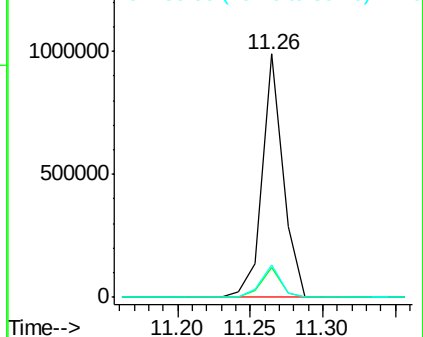
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 52.62 ng

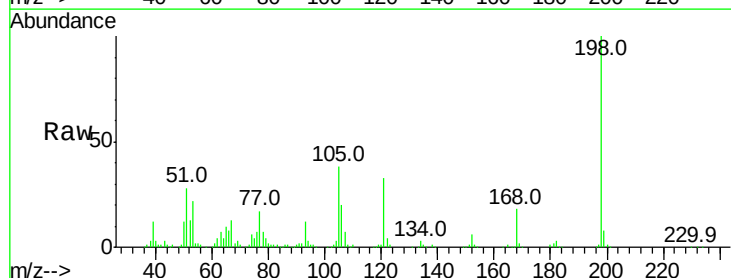
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

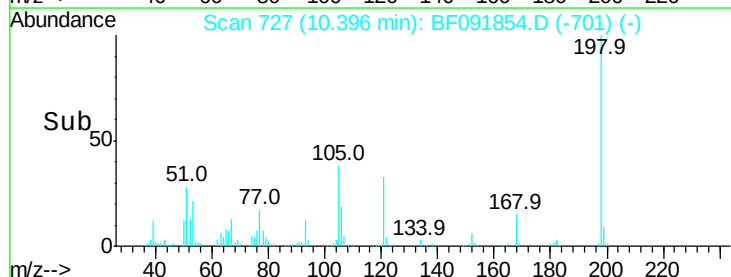
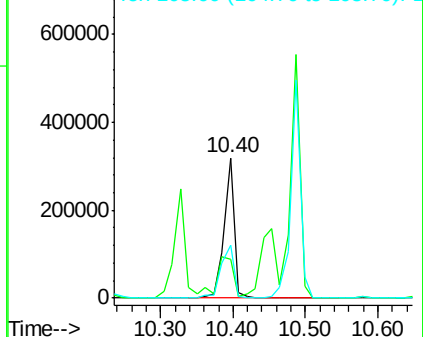
Tgt Ion:198	Resp:	315912
Ion Ratio	Lower	Upper
198 100		
51 28.2	6.7	46.7
105 37.7	16.6	56.6

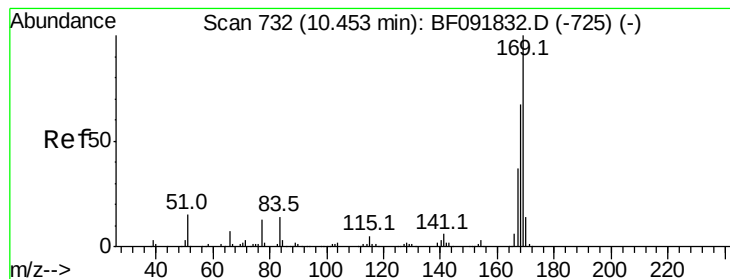


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65
 n-Nitrosodiphenylamine
 Concen: 53.01 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

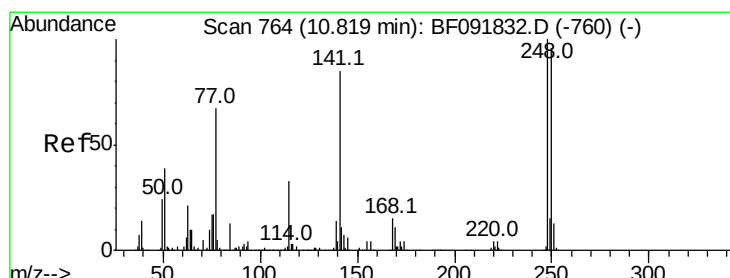
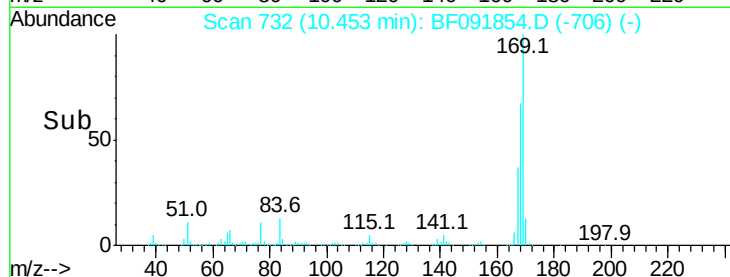
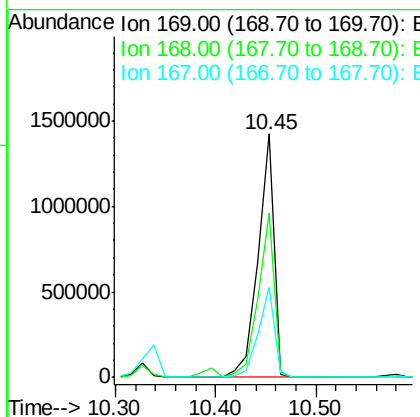
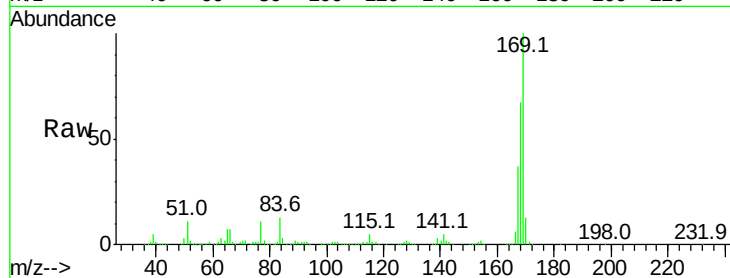
Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion:169 Resp: 1561655

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.2	81.2
167	37.2	30.2	45.4

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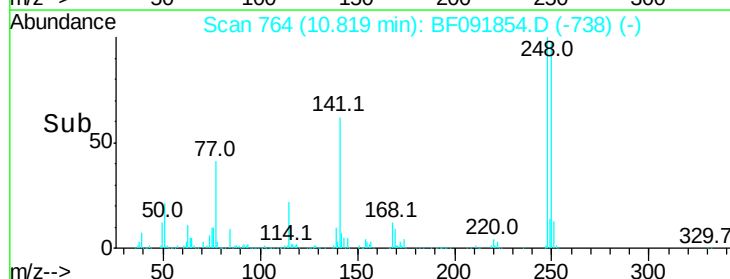
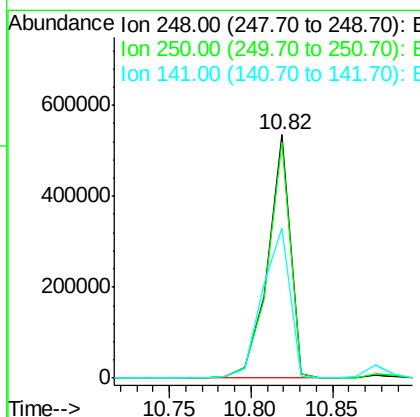
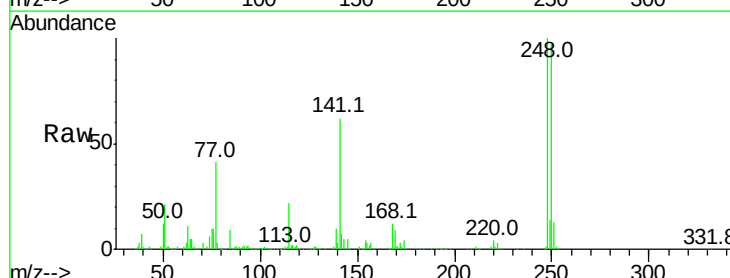
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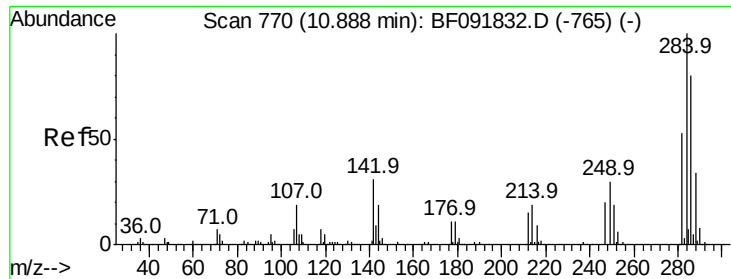


#66
 4-Bromophenyl-phenylether
 Concen: 49.83 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion:248 Resp: 514681

Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	61.6	68.2	102.4#





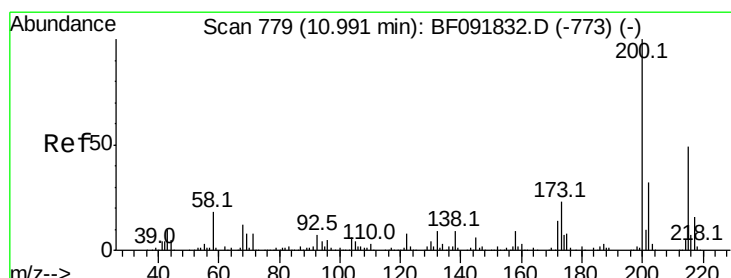
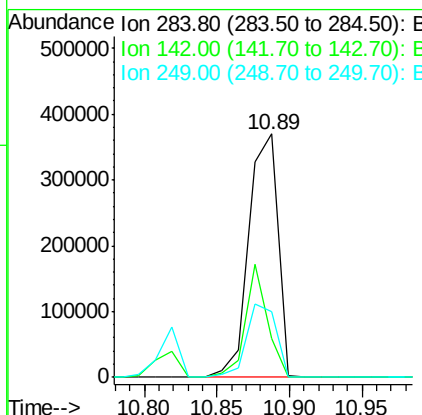
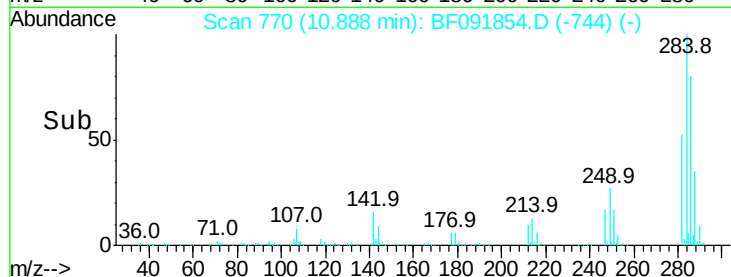
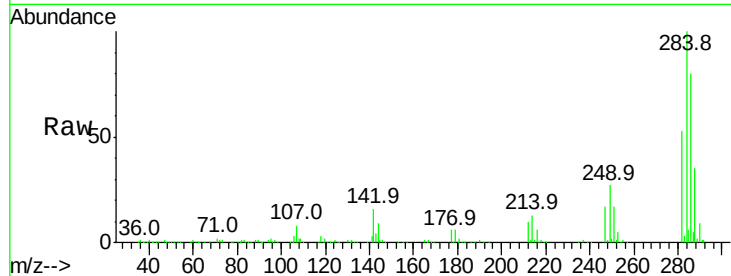
#67
Hexachlorobenzene
Concen: 46.71 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	515661		
142	15.8	22.6	33.8#	
249	27.0	25.4	38.0	

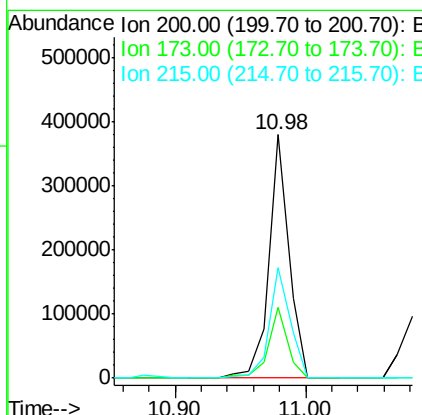
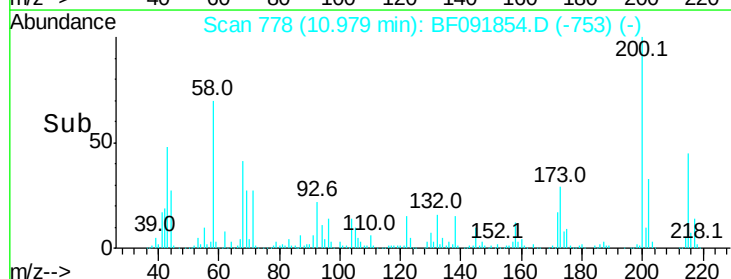
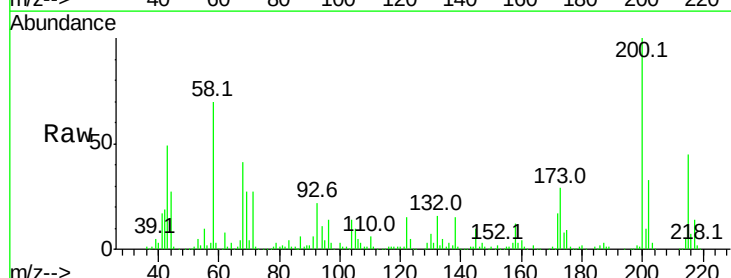
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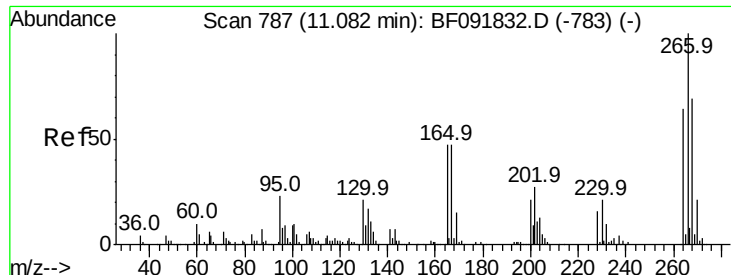
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#68
Atrazine
Concen: 43.48 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	413181		
173	28.8	9.6	49.6	
215	45.4	25.7	65.7	





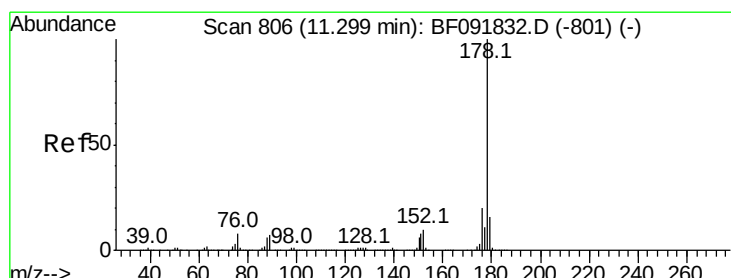
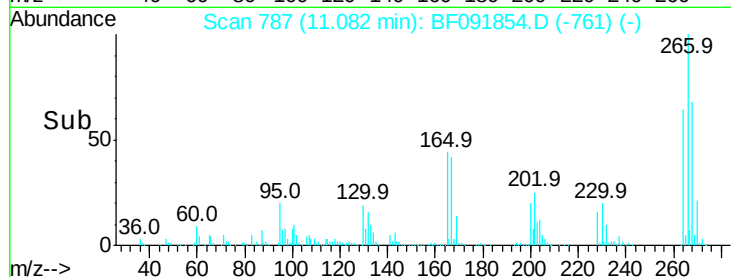
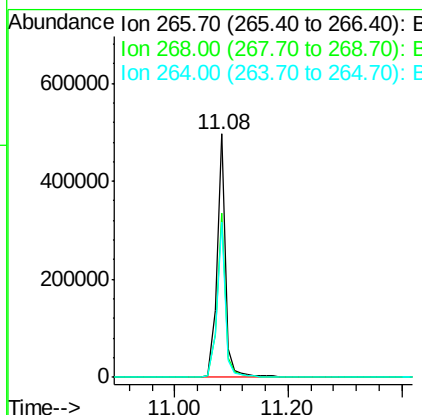
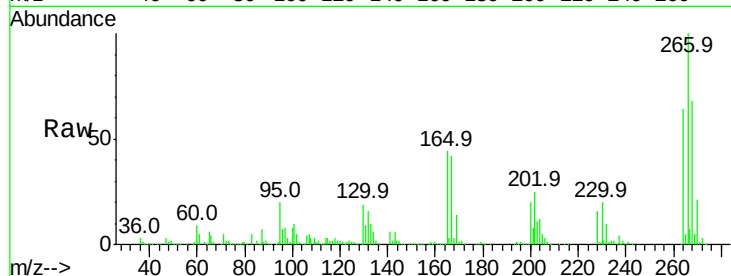
#69
 Pentachlorophenol
 Concen: 95.12 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.3	79.9
264	63.9	50.3	75.5

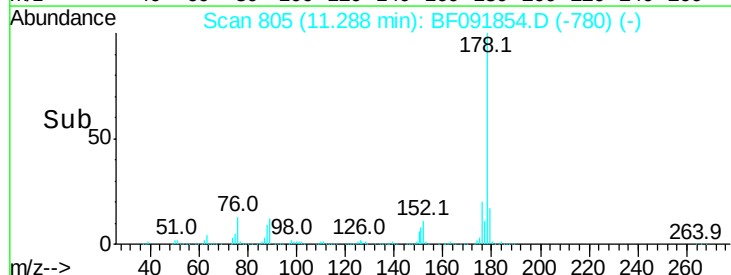
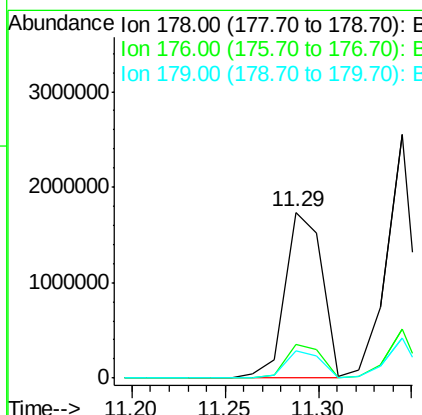
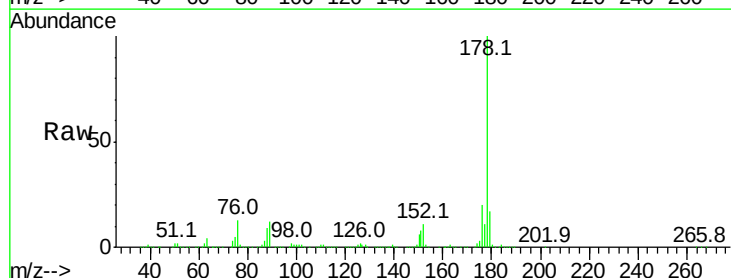
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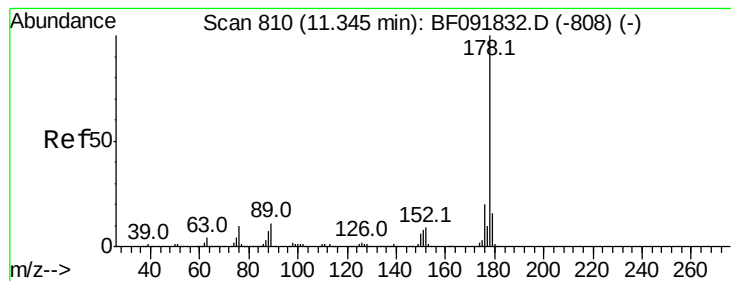
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#70
 Phenanthrene
 Concen: 44.88 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	16.8	12.8	19.2





#71

Anthracene

Concen: 54.19 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion:178 Resp: 2406800

Ion Ratio Lower Upper

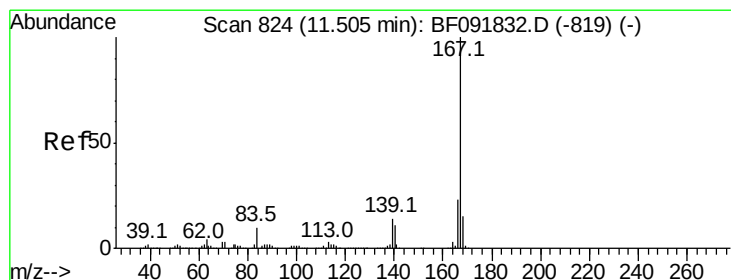
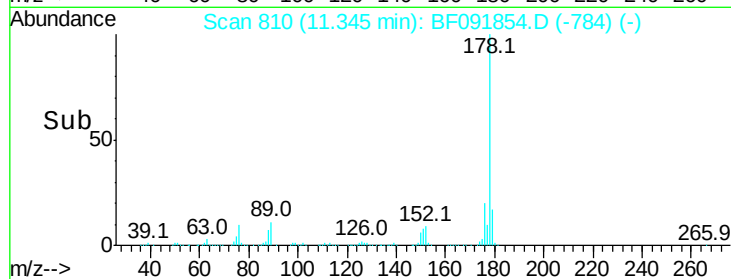
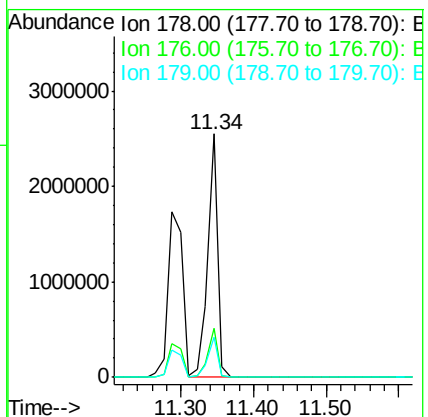
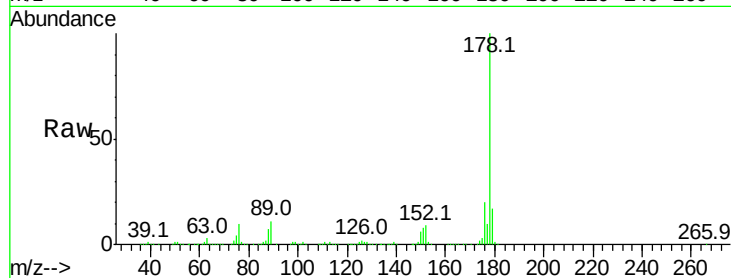
178 100

176 20.2 15.9 23.9

179 16.6 13.2 19.8

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#72

Carbazole

Concen: Below Cal

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

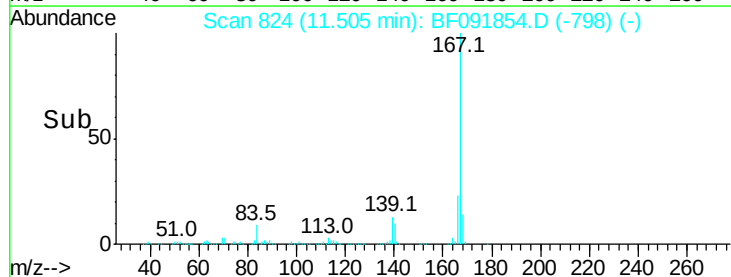
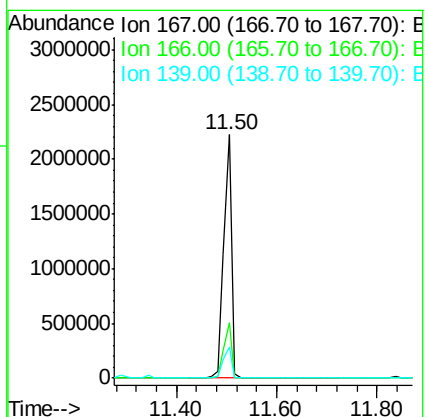
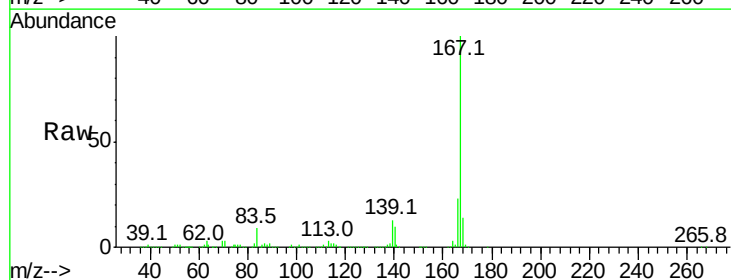
Tgt Ion:167 Resp: 2404953

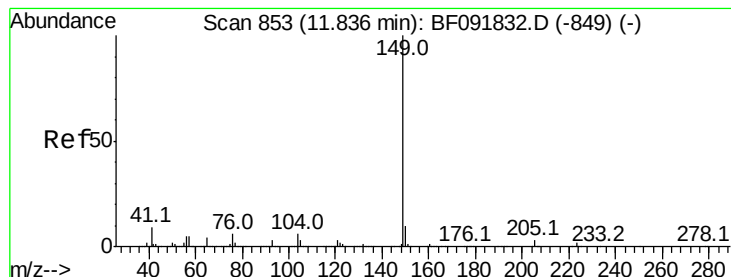
Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

139 13.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.80 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

ClientSampleId :

PB95522BS

Tot Ion:149 Resp: 2517902

Ion Ratio Lower Upper

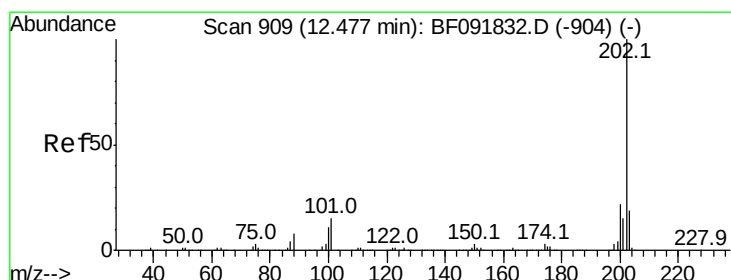
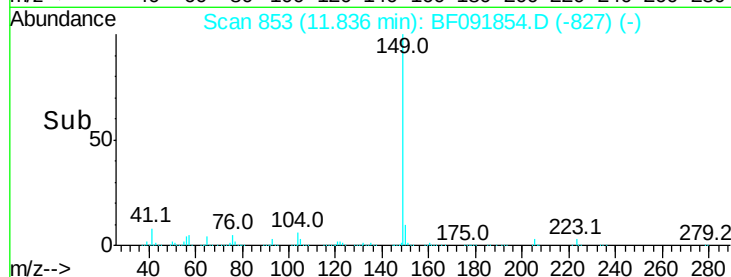
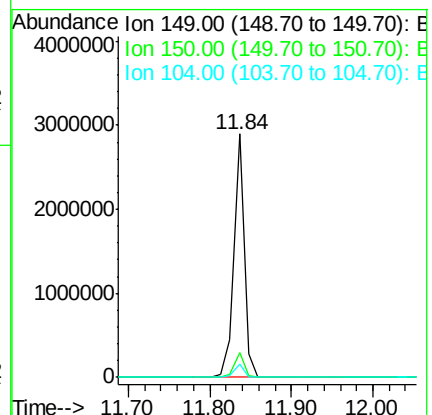
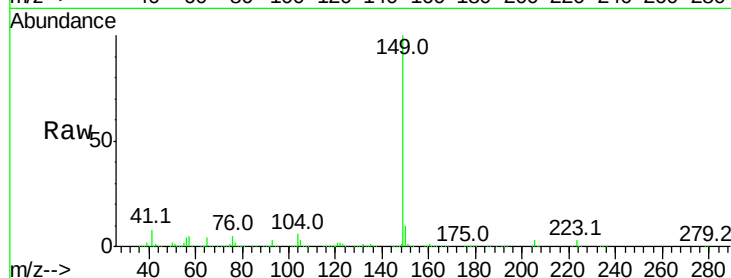
149 100

150 10.2 8.1 12.1

104 5.5 4.6 7.0

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#74

Fluoranthene

Concen: 48.19 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

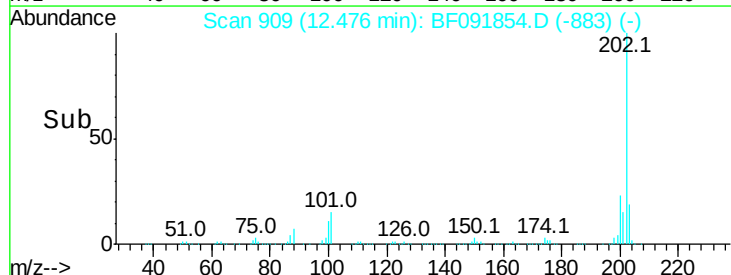
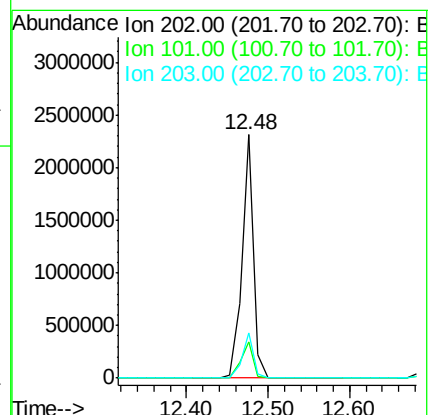
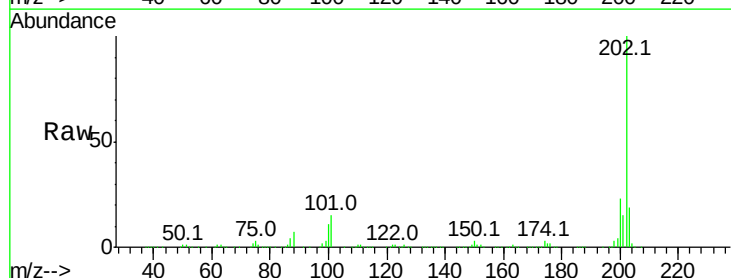
Tgt Ion:202 Resp: 2263456

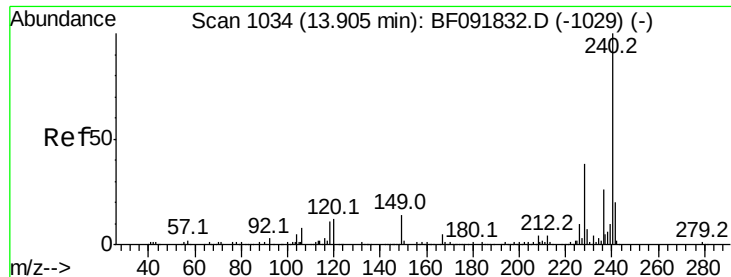
Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091854.D

Acq: 22 Dec 2016 00:45

Instrument :

BNA_F

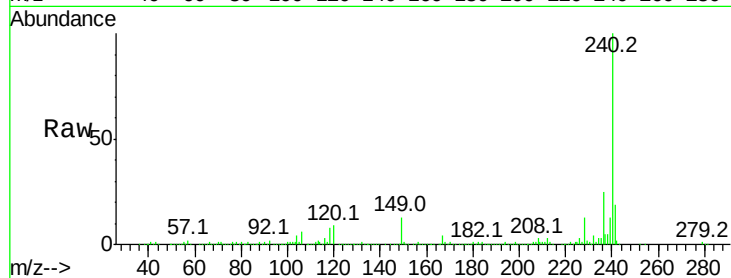
ClientSampleId :

PB95522BS

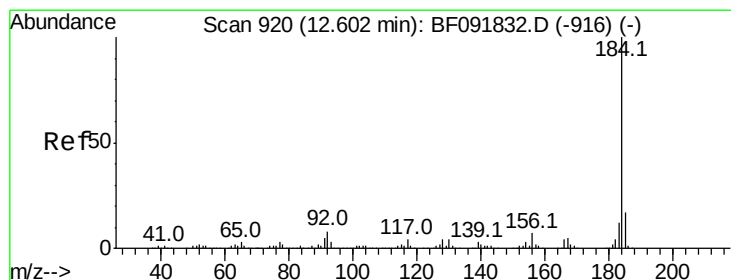
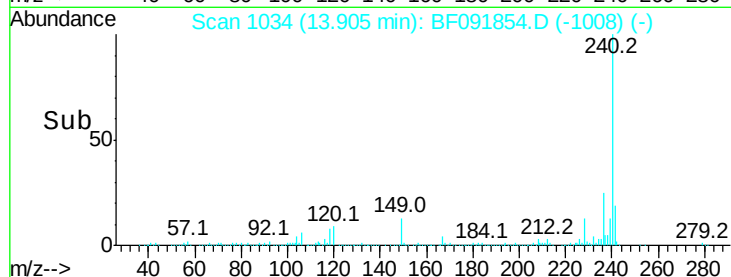
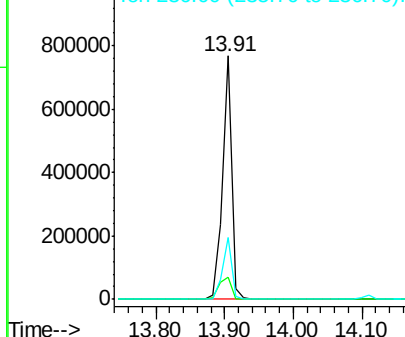
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	25.3	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.15 ng

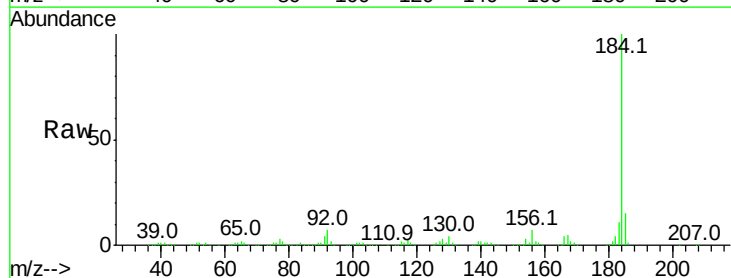
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

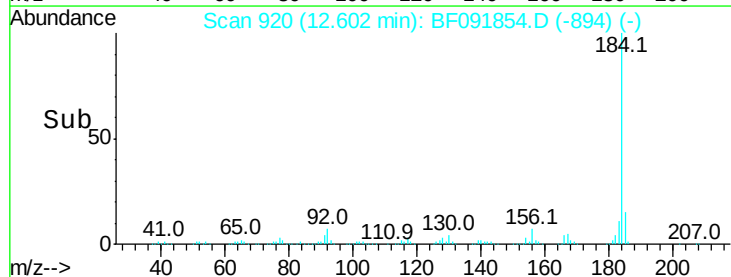
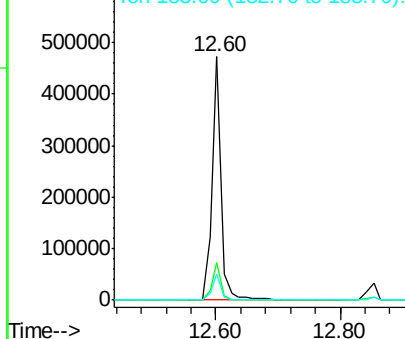
Lab File: BF091854.D

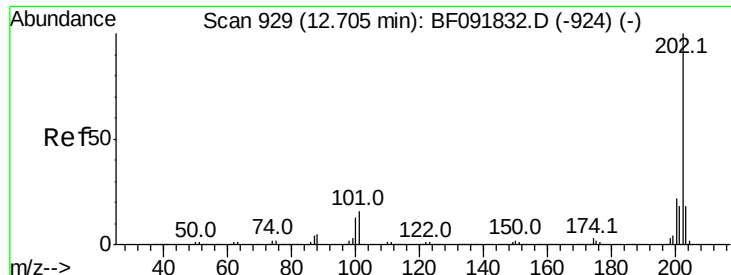
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.0
183	10.6	9.2	13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





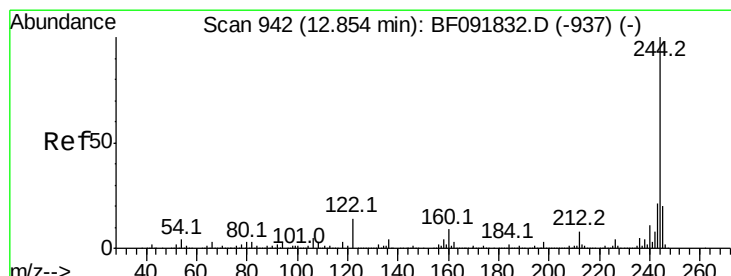
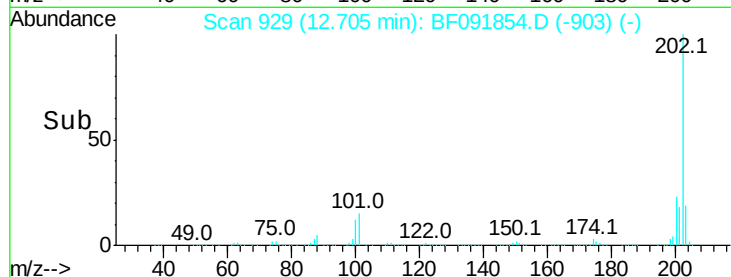
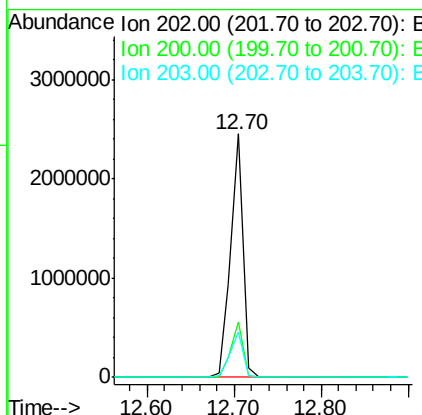
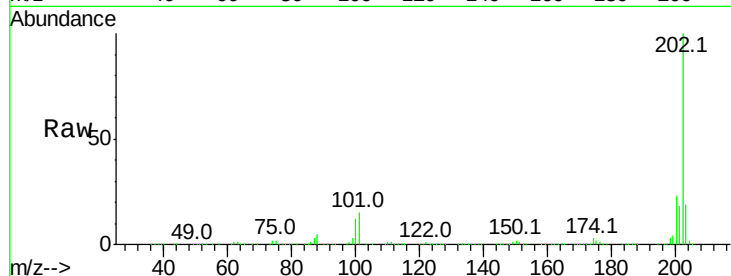
#77
Pvrene
Concen: 45.28 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion:202 Resp: 2427658
Ion Ratio Lower Upper
202 100
200 22.5 17.7 26.5
203 18.7 14.7 22.1

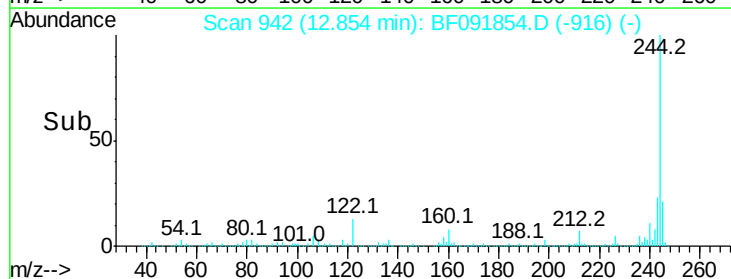
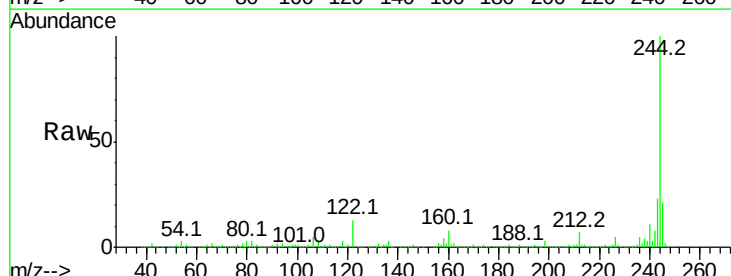
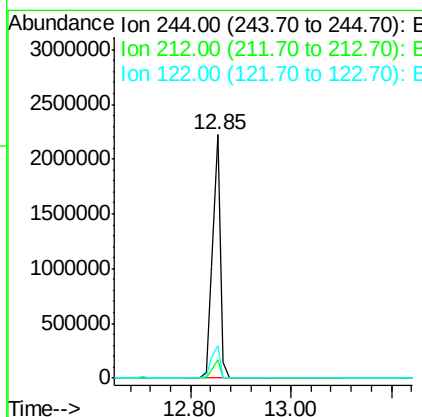
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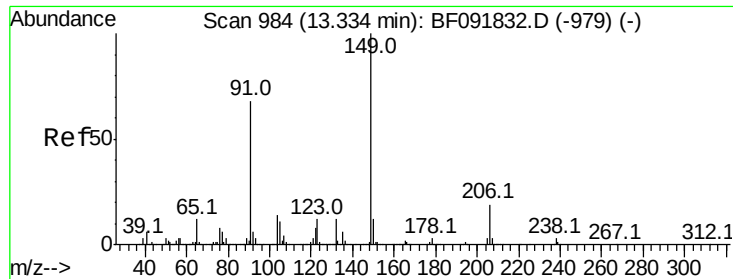
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#78
Terphenyl-d14
Concen: 78.94 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion:244 Resp: 2378574
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 13.4 11.4 17.2





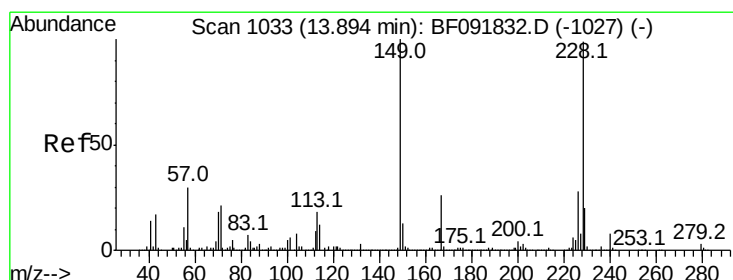
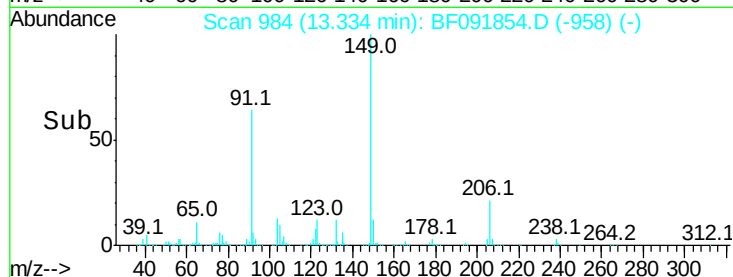
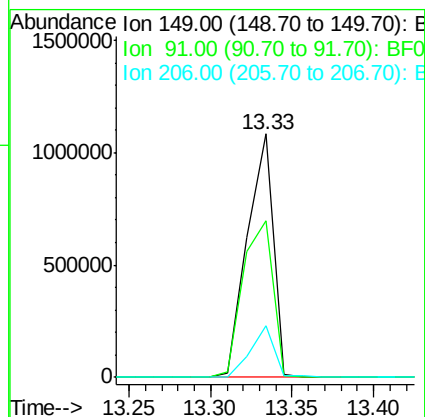
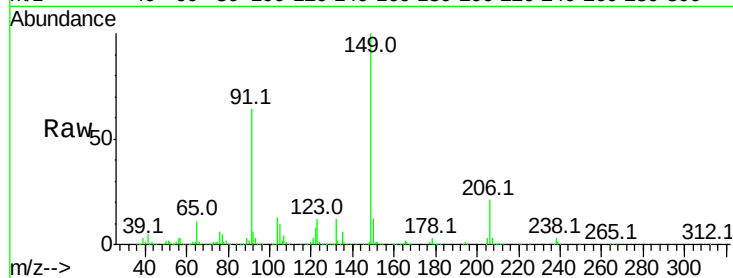
#79
Butylbenzylphthalate
Concen: 49.09 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	63.9	95.9
206	21.4	14.6	21.8

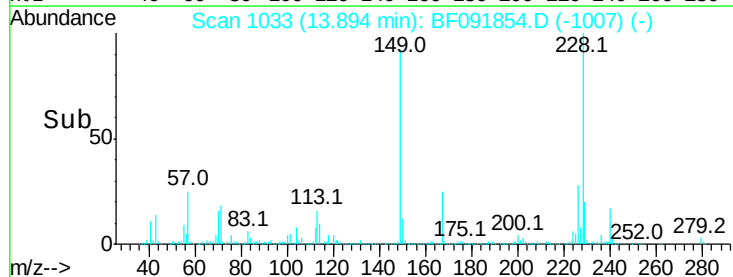
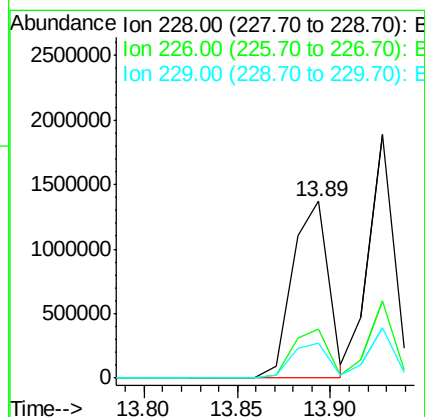
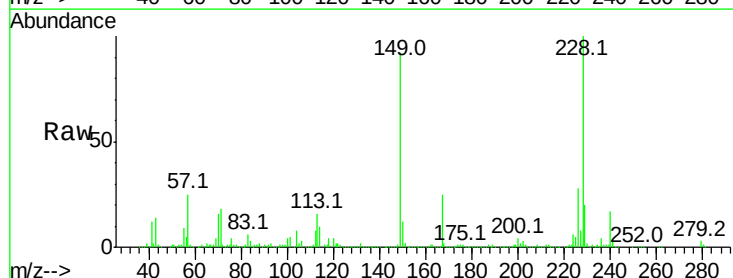
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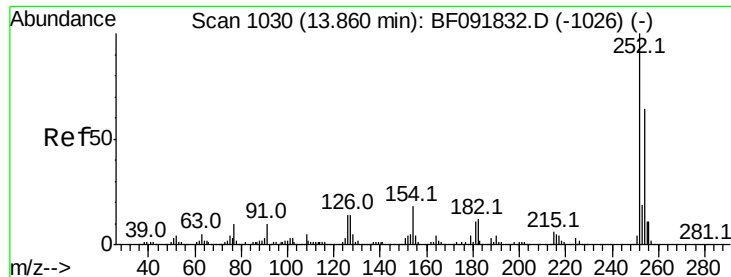
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#80
Benzo(a)anthracene
Concen: 44.59 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.9	16.2	24.4





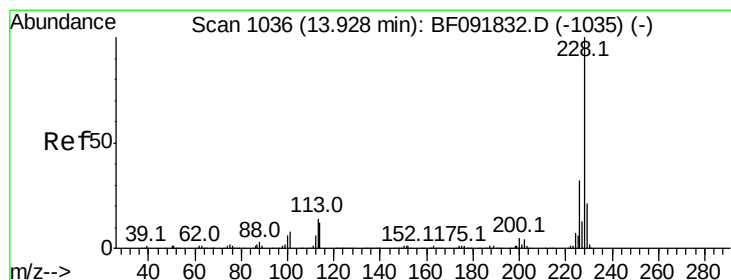
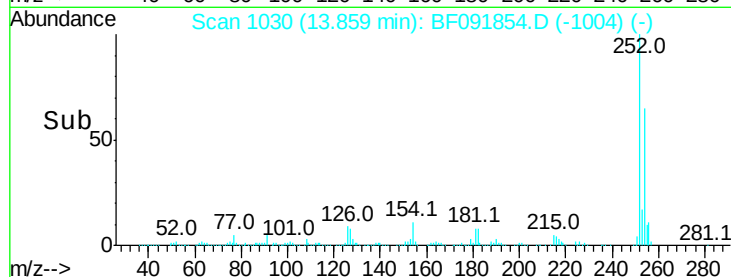
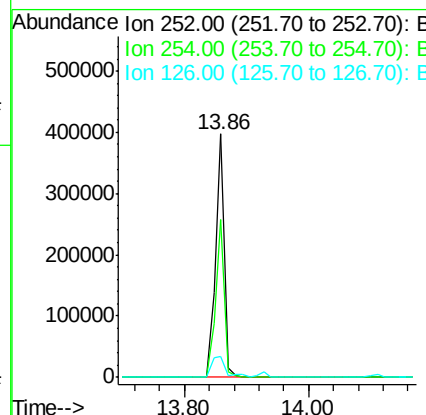
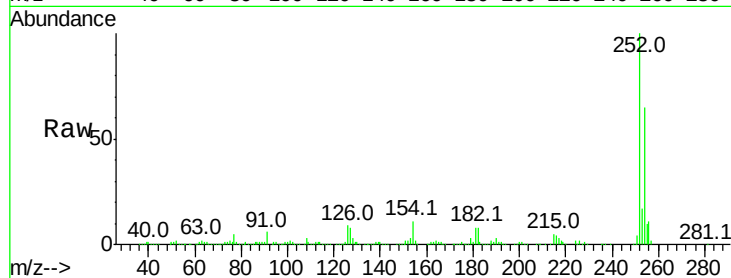
#81
 3,3'-Dichlorobenzidine
 Concen: 24.66 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	8.6	13.6	20.4

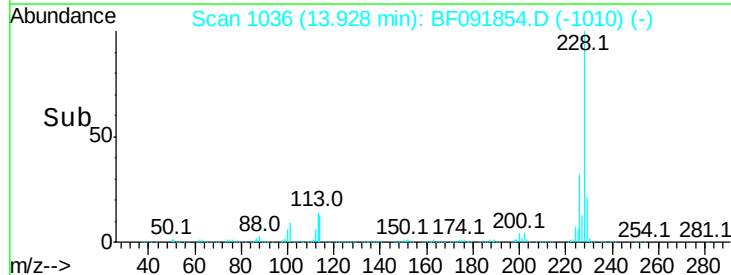
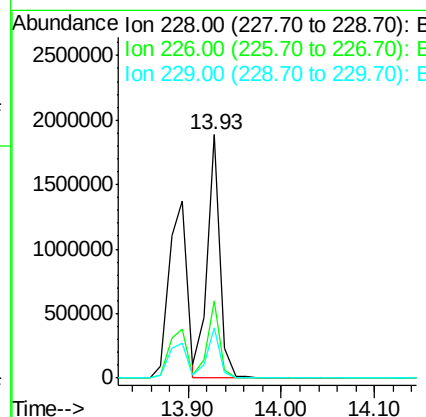
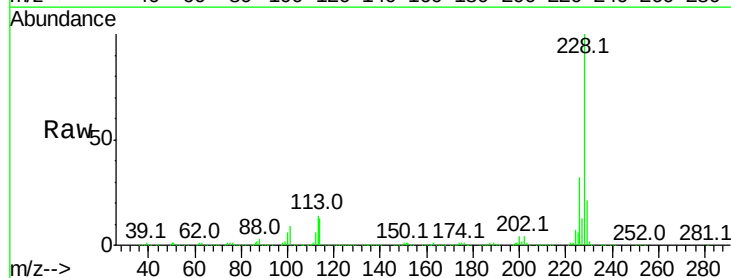
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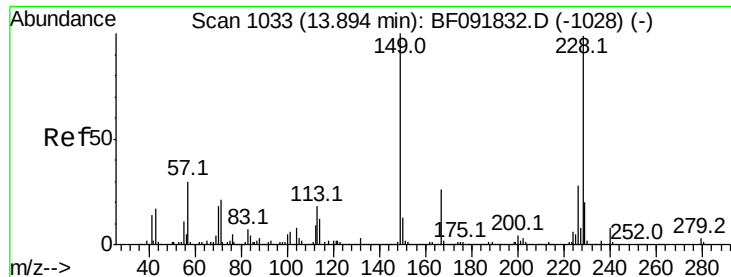
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#82
 Chrysene
 Concen: 43.76 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.7	16.2	24.2





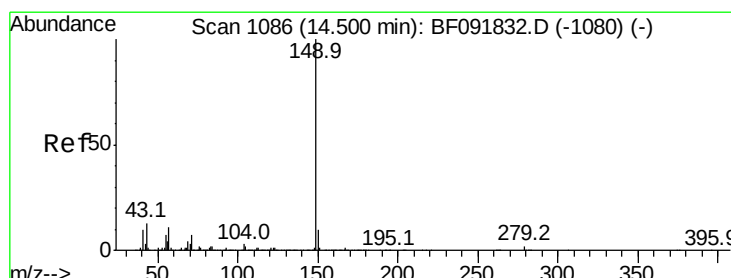
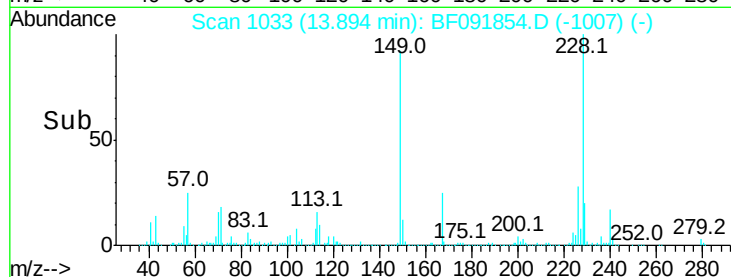
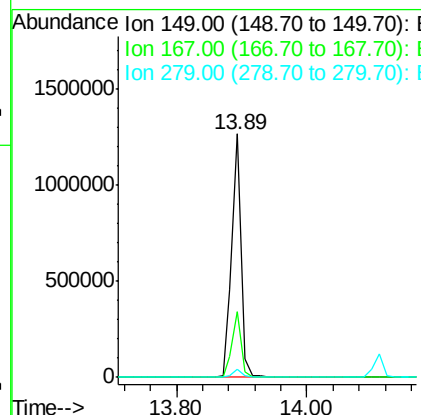
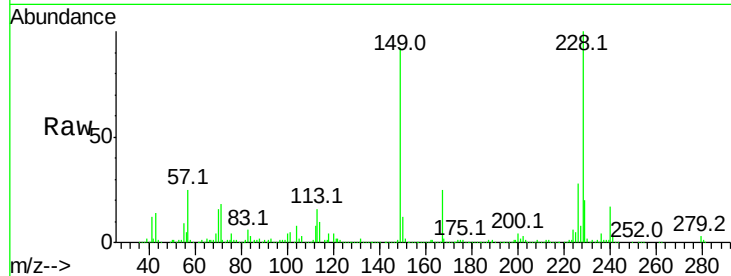
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.06 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion:149 Resp: 1265335
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.2 30.4
 279 3.1 1.8 2.8#

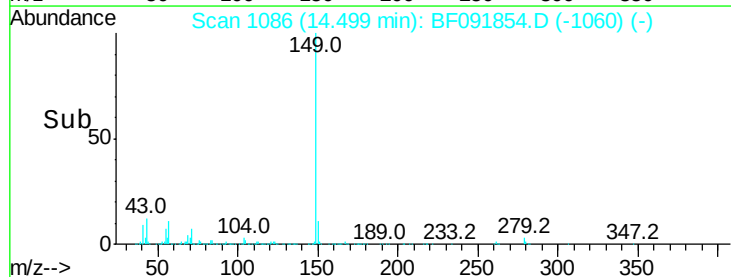
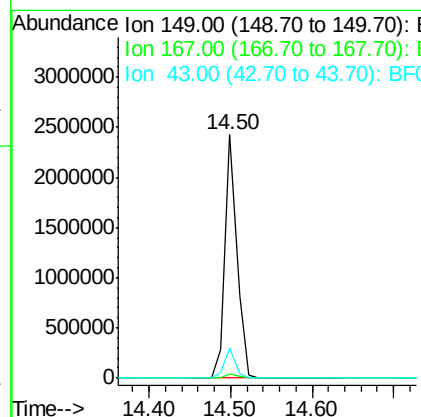
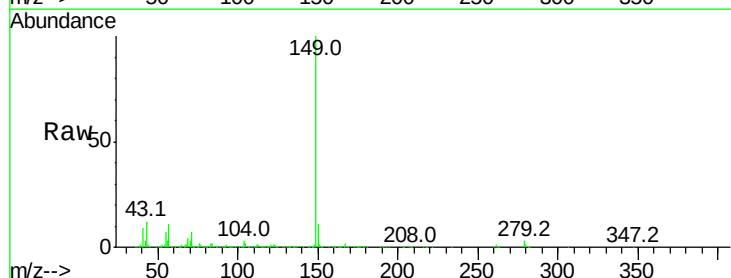
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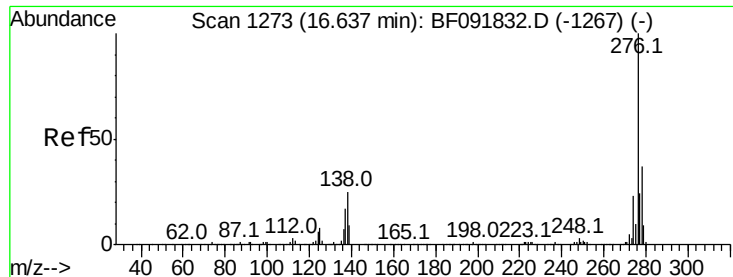
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#84
 Di-n-octyl phthalate
 Concen: 46.16 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Tgt Ion:149 Resp: 2455348
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 8.9 13.3





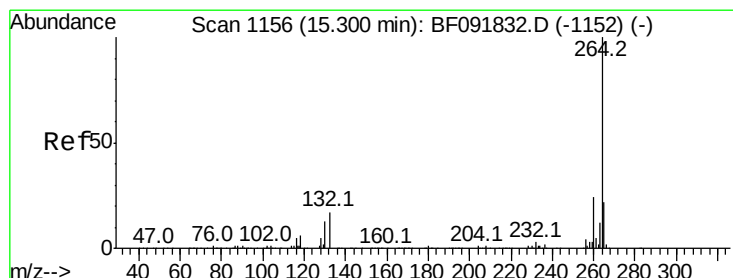
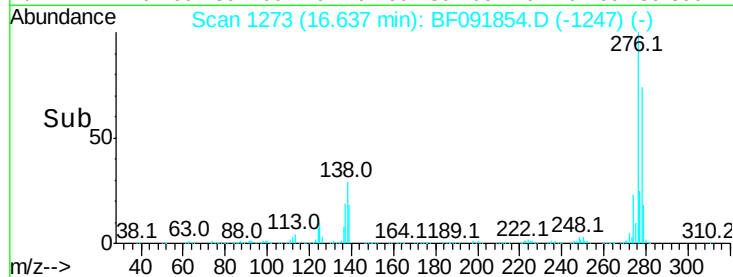
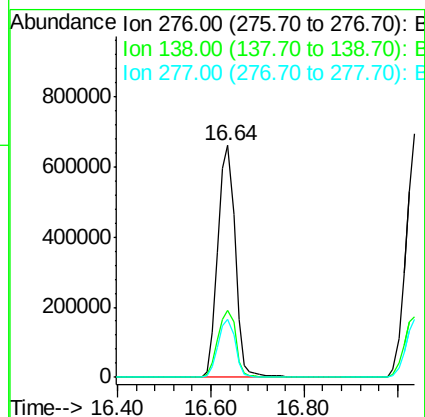
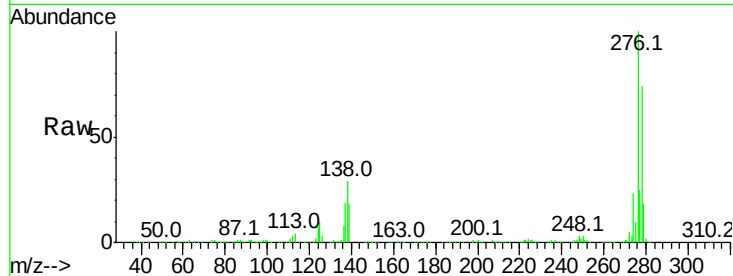
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.82 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion:276 Resp: 1714054
Ion Ratio Lower Upper
276 100
138 29.9 21.8 32.6
277 25.1 20.2 30.4

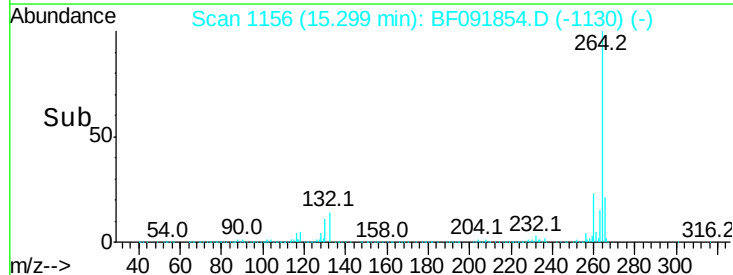
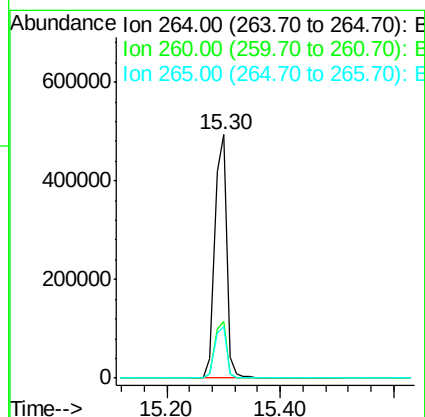
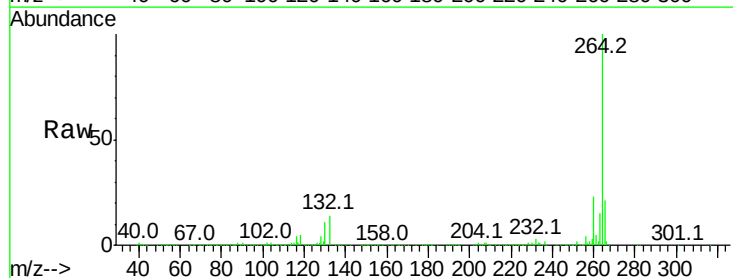
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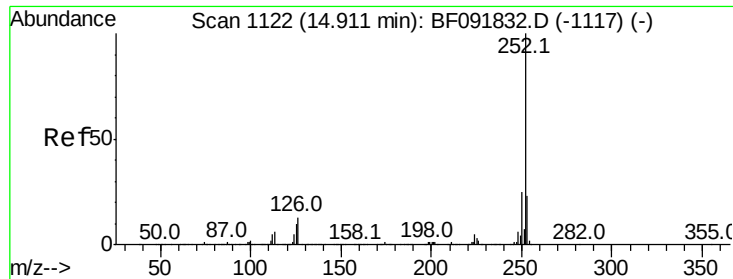
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion:264 Resp: 698556
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.2 17.4 26.0





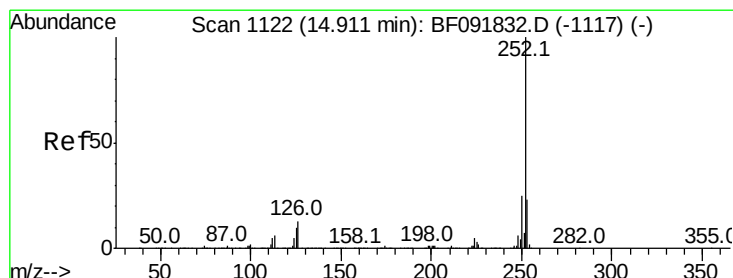
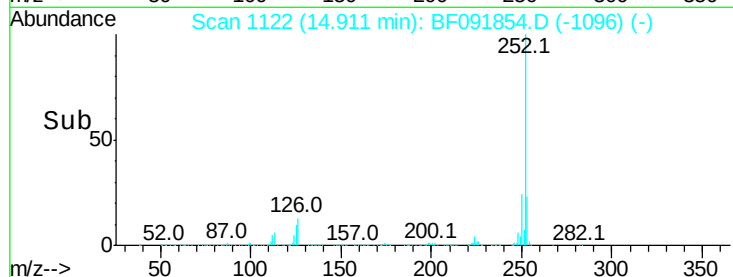
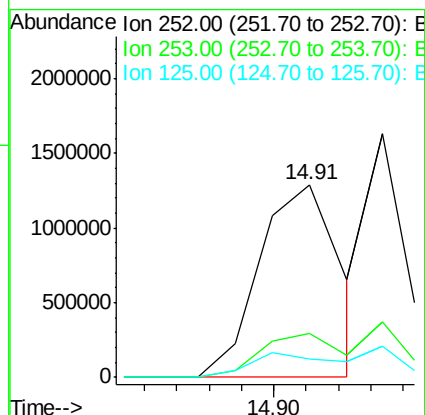
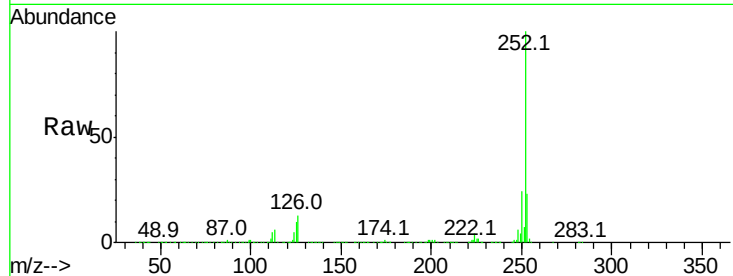
#87
Benzo(b)fluoranthene
Concen: 51.26 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.5	9.8	14.6

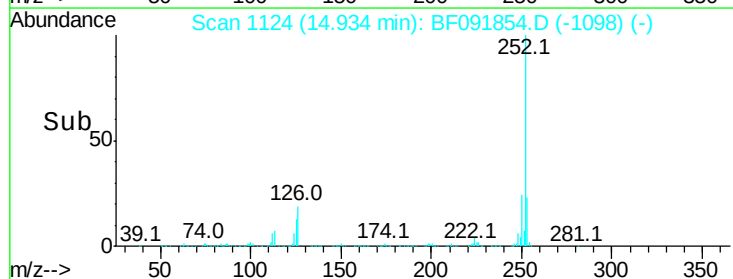
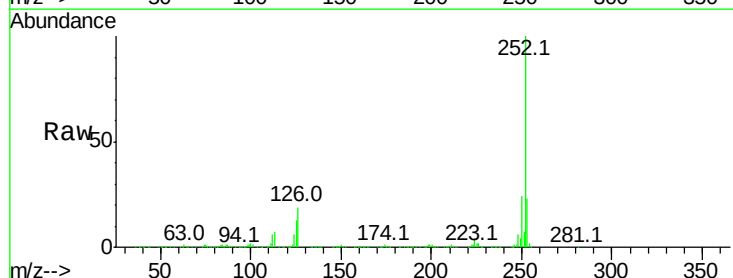
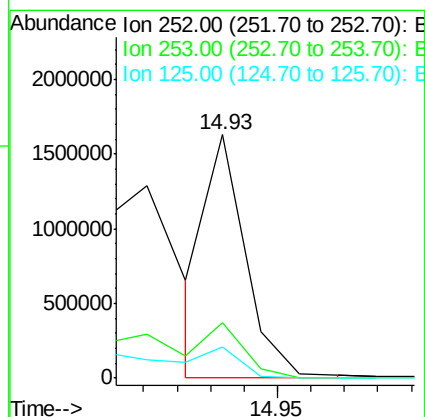
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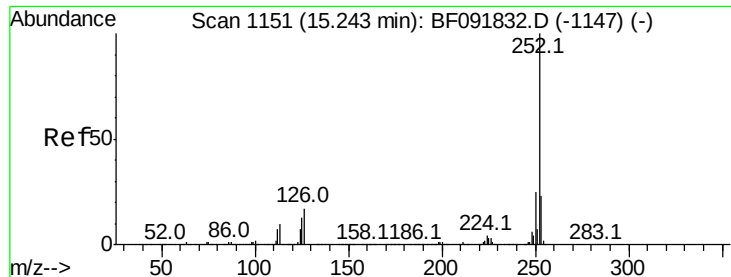
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#88
Benzo(k)fluoranthene
Concen: 36.84 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	12.5	8.9	13.3





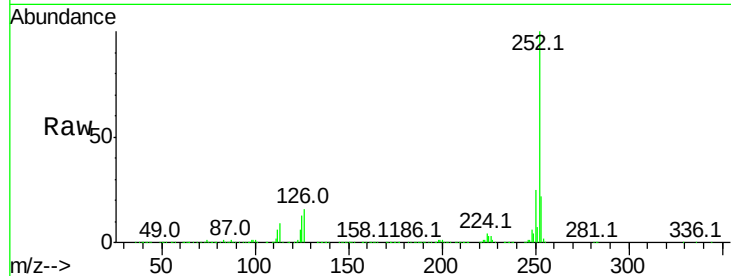
#89
Benzo(a)pyrene
Concen: 44.79 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Instrument :
BNA_F
ClientSampleId :
PB95522BS

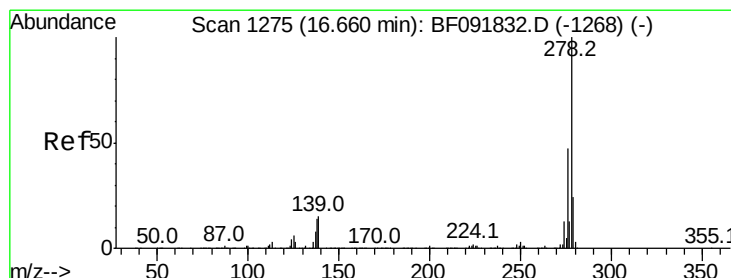
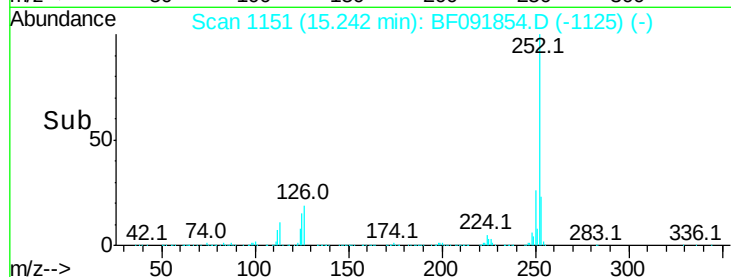
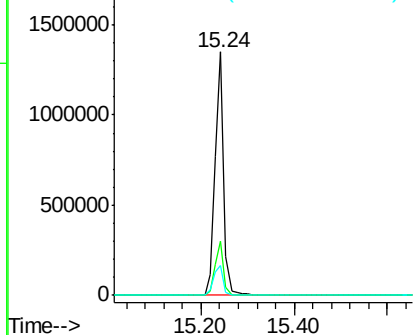
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.5	10.0	15.0

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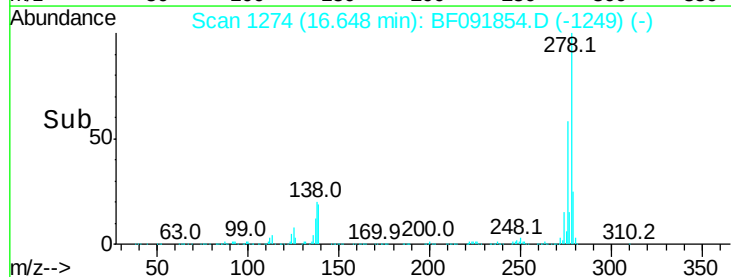
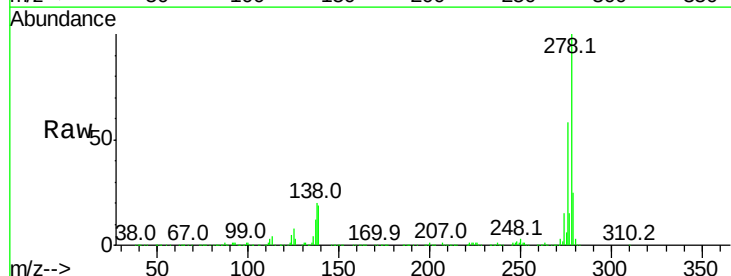
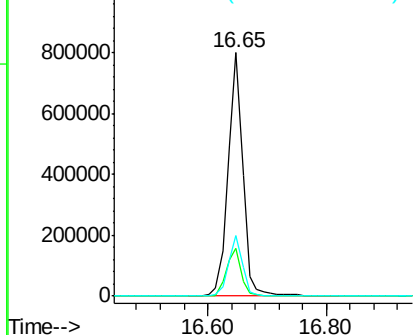
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

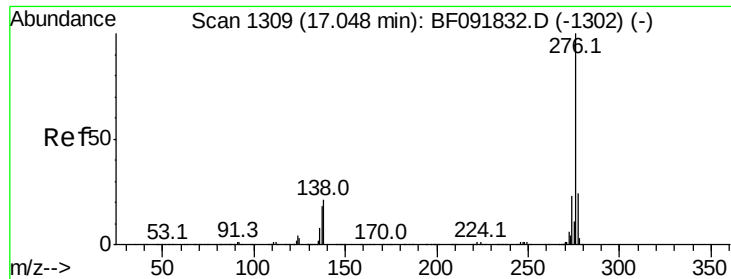


#90
Dibenzo(a,h)anthracene
Concen: 43.65 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091854.D
Acq: 22 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.8	22.2
279	24.8	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.12 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091854.D
 Acq: 22 Dec 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 PB95522BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.0	16.0	24.0

Manual Integrations
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