

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091718.D
 Acq On : 17 Dec 2016 16:39
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Manual Integrations
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 12/20/2016 11:40:24 AM

Quant Time: Dec 17 23:57:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	334793	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1328878	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	719157	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1132299	20.00	ng	0.00
75) Chrysene-d12	13.93	240	831331	20.00	ng	0.00
86) Perylene-d12	15.33	264	914230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1514047	75.77	ng	0.00
7) Phenol-d6	6.42	99	1813767	74.42	ng	0.00
23) Nitrobenzene-d5	7.34	82	1906539	82.74	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	439641	72.09	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2740067	76.55	ng	0.00
78) Terphenyl-d14	12.88	244	2549804	77.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	373503	37.95	ng	99
3) Pyridine	3.00	79	1204827	38.00	ng	98
4) n-Nitrosodimethylamine	2.97	42	469468	38.26	ng	99
6) Aniline	6.43	93	1163353	37.10	ng	97
8) 2-Chlorophenol	6.56	128	827488	37.62	ng	99
9) Benzaldehyde	6.32	77	567287	39.82	ng	98
10) Phenol	6.43	94	1083848	39.46	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	793127	36.15	ng	100
12) 1,3-Dichlorobenzene	6.70	146	894053	37.01	ng	# 87
13) 1,4-Dichlorobenzene	6.78	146	870656	35.62	ng	99
14) 1,2-Dichlorobenzene	6.94	146	861581	40.24	ng	99
15) Benzyl Alcohol	6.92	79	717795	38.04	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1286209	38.37	ng	99
17) 2-Methylphenol	7.04	107	682664	37.14	ng	99
18) Hexachloroethane	7.29	117	358372	39.46	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	579325	35.74	ng	100
20) 3+4-Methylphenols	7.20	107	795832	38.81	ng	94
22) Acetophenone	7.18	105	1187932	37.02	ng	99
24) Nitrobenzene	7.36	77	866486	35.02	ng	100
25) Isophorone	7.61	82	1722120	39.17	ng	100
26) 2-Nitrophenol	7.68	139	475466	39.83	ng	98
27) 2,4-Dimethylphenol	7.72	122	749747	38.50	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	958584	37.26	ng	99
29) 2,4-Dichlorophenol	7.92	162	668839	37.24	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	755501	38.81	ng	# 94
31) Naphthalene	8.08	128	2295007	36.15	ng	100
32) Benzoic acid	7.87	122	608910	43.88	ng	98
33) 4-Chloroaniline	8.13	127	1051345	39.31	ng	100
34) Hexachlorobutadiene	8.20	225	420512	38.42	ng	100
35) Caprolactam	8.52	113	235737	40.79	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	790834	39.91	ng	97
37) 2-Methylnaphthalene	8.77	142	1617919	40.42	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	667030	37.21	ng	100
40) Hexachlorocyclopentadiene	8.92	237	319788	42.09	ng	95

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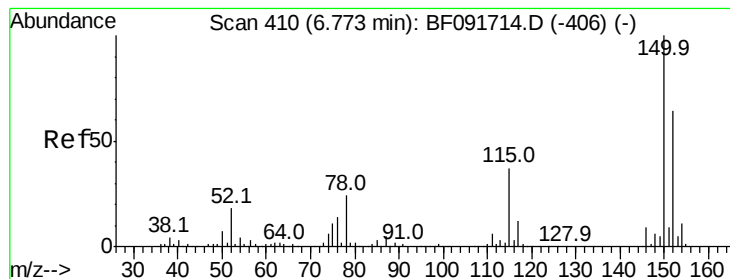
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	487552	38.07	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	482595	38.35	nq	97
45) 1,1'-Biphenyl	9.24	154	1996553	38.74	nq	99
46) 2-Chloronaphthalene	9.26	162	1491945	38.73	nq	98
47) 2-Nitroaniline	9.36	65	473164	35.98	nq	99
48) Acenaphthylene	9.68	152	2291245	38.39	nq	100
49) Dimethylphthalate	9.55	163	1847774	39.33	nq	100
50) 2,6-Dinitrotoluene	9.61	165	434803	42.21	nq	91
51) Acenaphthene	9.85	154	1563313	38.16	nq	99
52) 3-Nitroaniline	9.77	138	450071	35.10	nq	98
53) 2,4-Dinitrophenol	9.87	184	220852	39.69	nq #	47
54) Dibenzofuran	10.02	168	1944109	39.91	nq	100
55) 4-Nitrophenol	9.94	139	337493	37.90	nq	100
56) 2,4-Dinitrotoluene	10.01	165	548004	42.59	nq	96
57) Fluorene	10.36	166	1562430	41.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	390685	37.56	nq	99
59) Diethylphthalate	10.24	149	1671671	36.20	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	619847	35.97	nq	100
61) 4-Nitroaniline	10.38	138	451215	37.14	nq	99
62) Azobenzene	10.51	77	1783471	36.30	nq	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	332179	44.48	nq	92
65) n-Nitrosodiphenylamine	10.48	169	1402999	39.90	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	466031	39.25	nq	96
67) Hexachlorobenzene	10.91	284	520749	41.85	nq #	91
68) Atrazine	11.00	200	387140	36.43	nq	98
69) Pentachlorophenol	11.10	266	294199	43.82	nq	99
70) Phenanthrene	11.32	178	2389576	42.24	nq	99
71) Anthracene	11.37	178	2099623	35.04	nq	100
72) Carbazole	11.53	167	2180750	41.62	nq	100
73) Di-n-butylphthalate	11.86	149	2519098	37.50	nq	100
74) Fluoranthene	12.50	202	2187374	37.02	nq	99
76) Benzidine	12.63	184	947130	39.58	nq	97
77) Pyrene	12.73	202	2229557	37.14	nq	99
79) Butylbenzylphthalate	13.36	149	1154098	41.07	nq	96
80) Benzo(a)anthracene	13.92	228	1865392	39.23	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	716270	37.64	nq	99
82) Chrysene	13.96	228	2011808	40.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1333259	37.41	nq	99
84) Di-n-octyl phthalate	14.53	149	2735902	41.65	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1953849	40.32	nq	99
87) Benzo(b)fluoranthene	14.93	252	2488674m	42.93	nq	
88) Benzo(k)fluoranthene	14.97	252	1327588m	32.64	nq	
89) Benzo(a)pyrene	15.28	252	1827704	36.73	nq	100
90) Dibenzo(a,h)anthracene	16.71	278	1632221	37.63	nq	99
91) Benzo(g,h,i)perylene	17.09	276	1655116	37.55	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

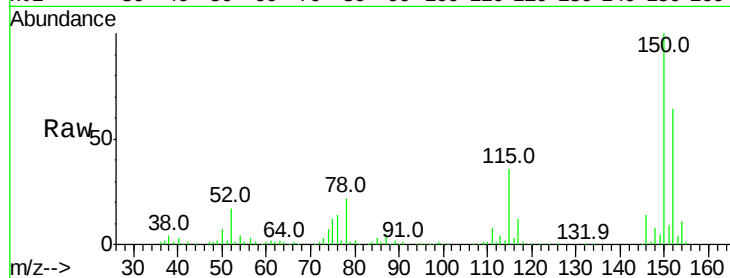
ClientSampleId :

ICVBF121716

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	55.6	46.0	69.0

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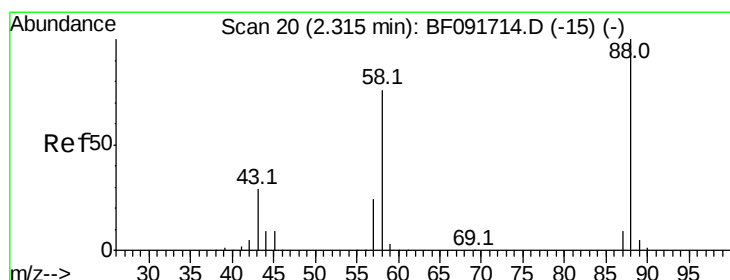
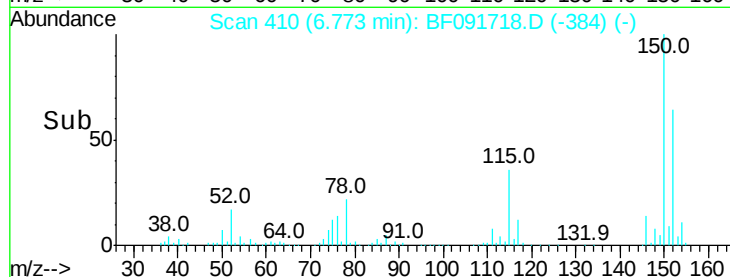
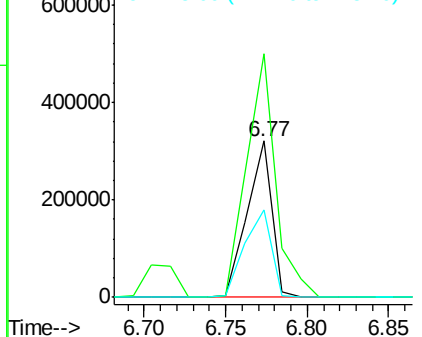


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.95 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

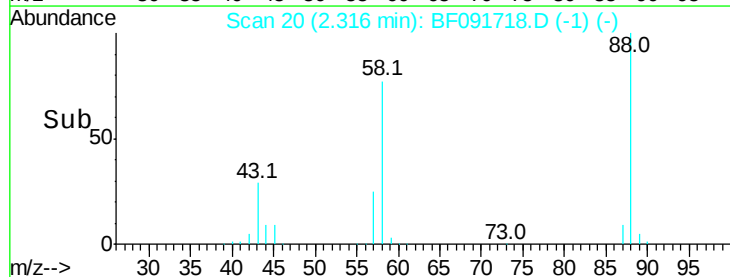
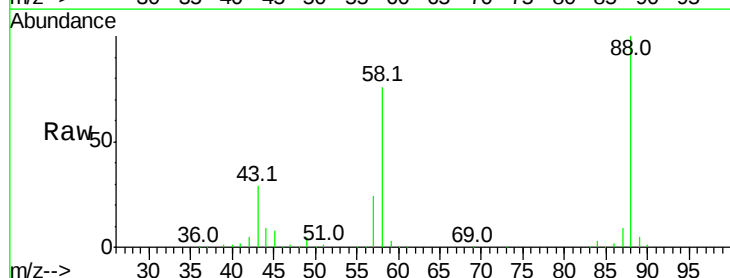
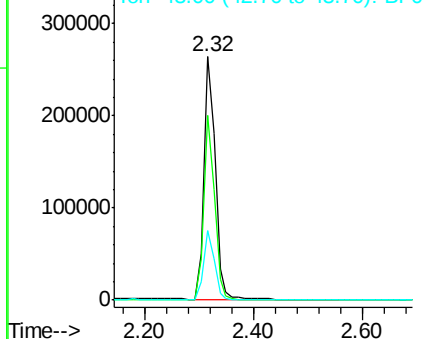
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	57.8	86.8
43	28.2	22.3	33.5

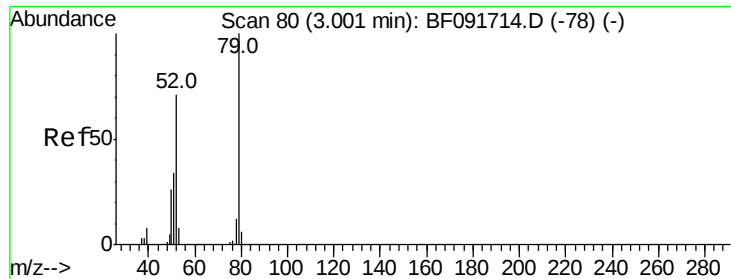
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3
Pvridine
Concen: 38.00 ng
RT: 3.00 min Scan# 80
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

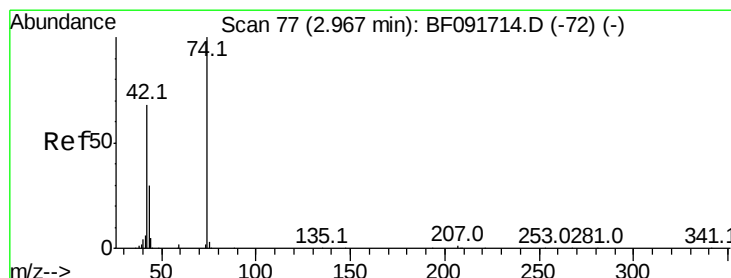
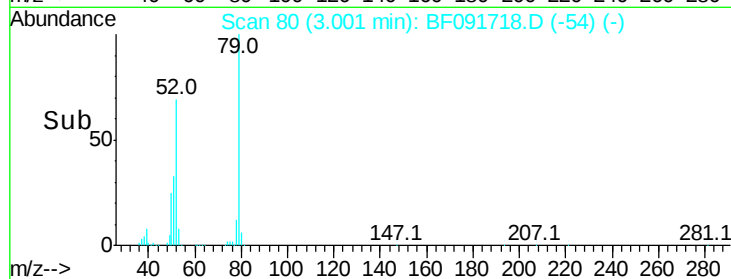
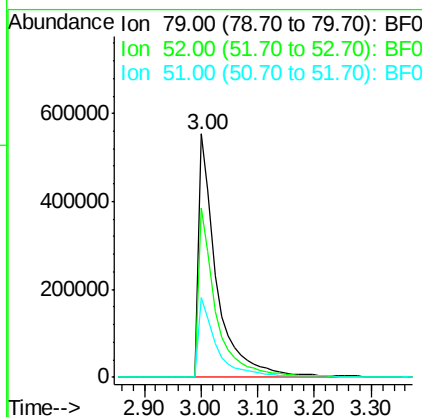
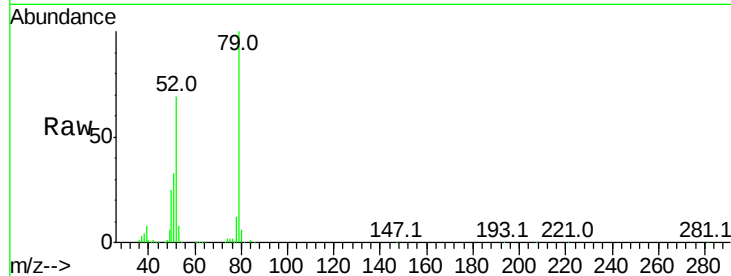
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion: 79 Resp: 1204827

Ion	Ratio	Lower	Upper
79	100		
52	69.4	57.1	85.7
51	33.0	27.3	40.9

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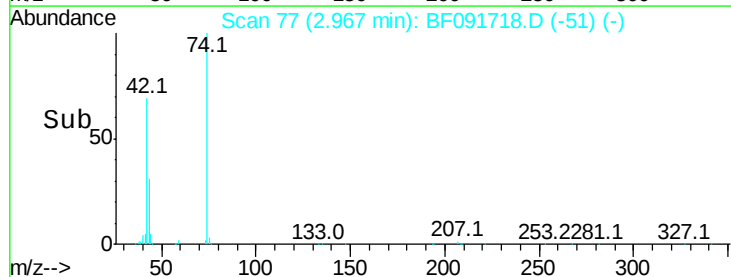
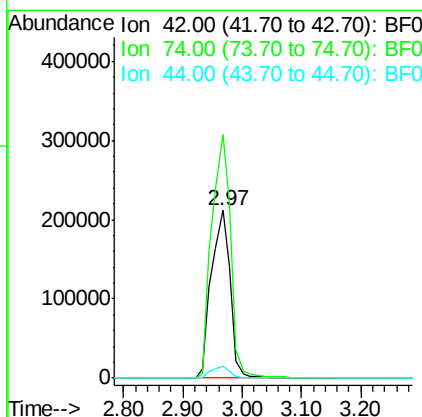
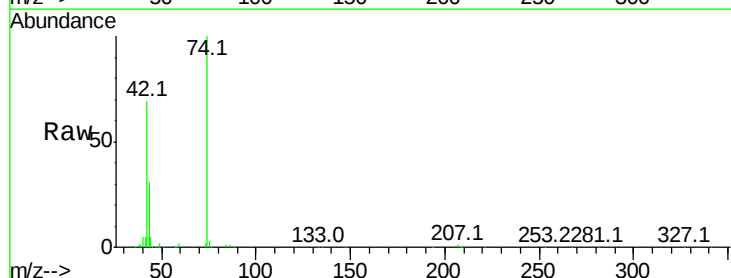
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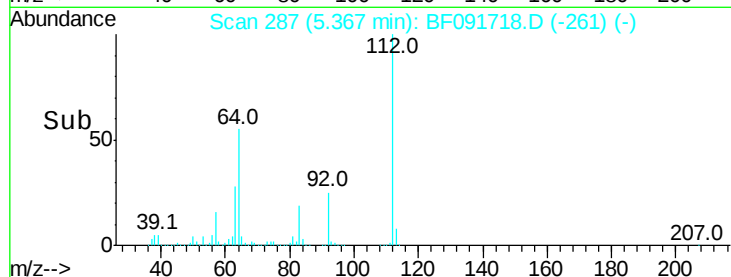
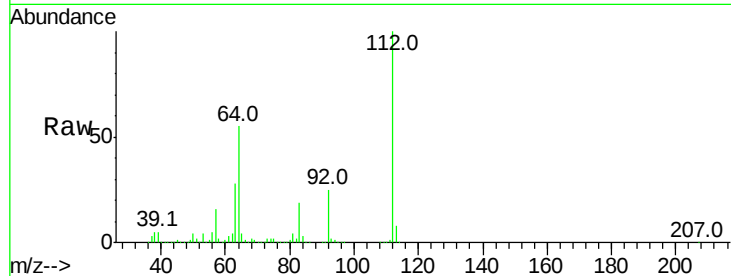
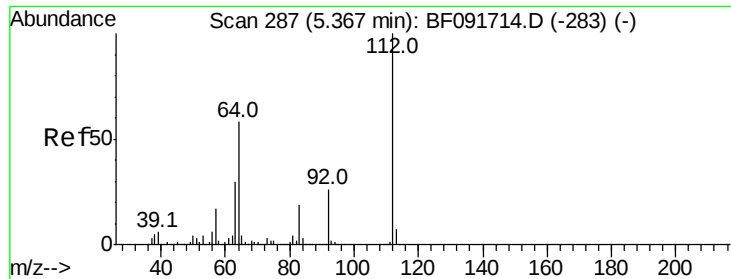


#4
n-Nitrosodimethylamine
Concen: 38.26 ng
RT: 2.97 min Scan# 77
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion: 42 Resp: 469468

Ion	Ratio	Lower	Upper
42	100		
74	145.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 75.77 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.1	69.1
63	28.2	23.8	35.6

Instrument :

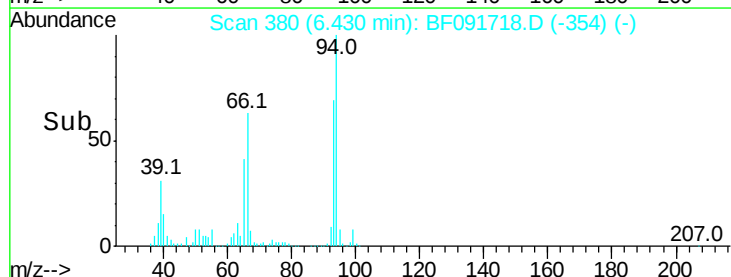
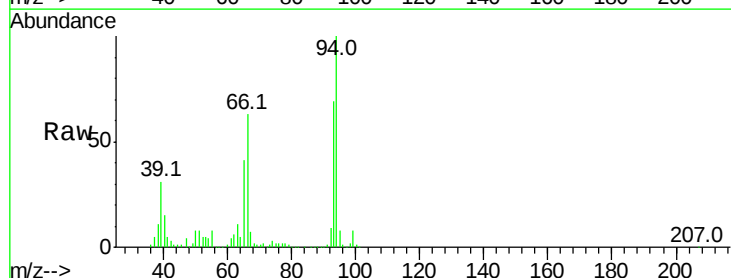
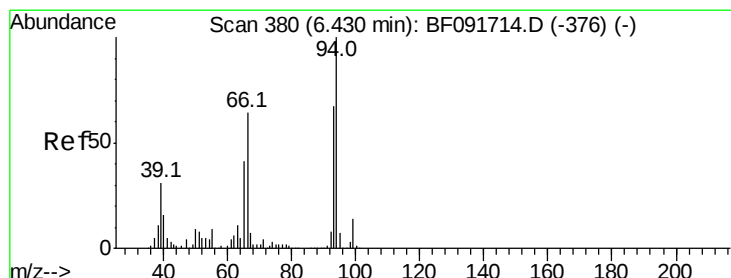
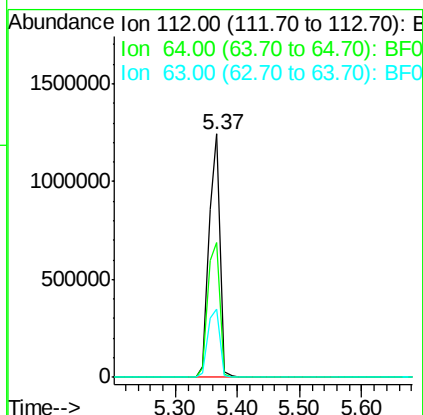
BNA_F

ClientSampleId :

ICVBF121716

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#6

Aniline

Concen: 37.10 ng

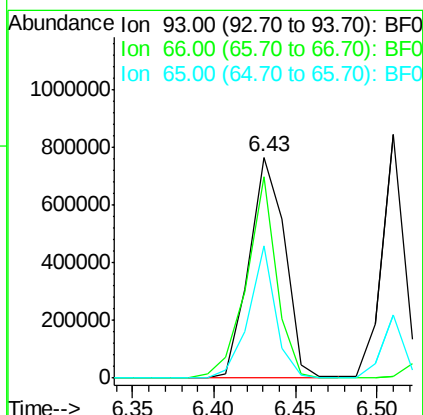
RT: 6.43 min Scan# 380

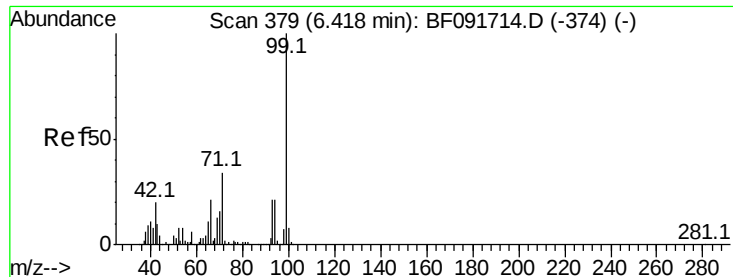
Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	91.3	76.2	114.2
65	59.8	49.3	73.9





#7

Phenol-d6

Concen: 74.42 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion: 99 Resp: 1813767

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

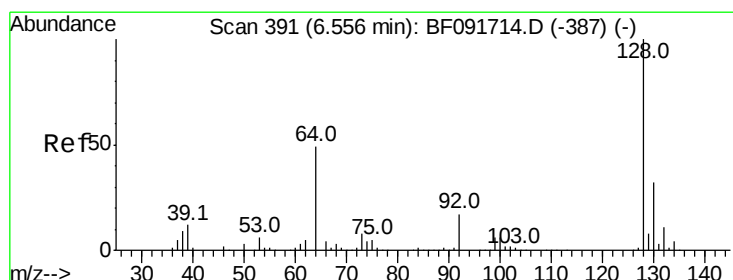
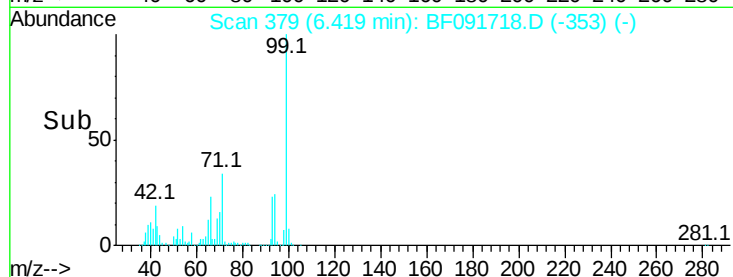
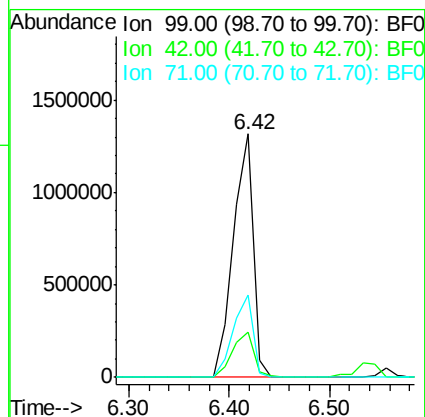
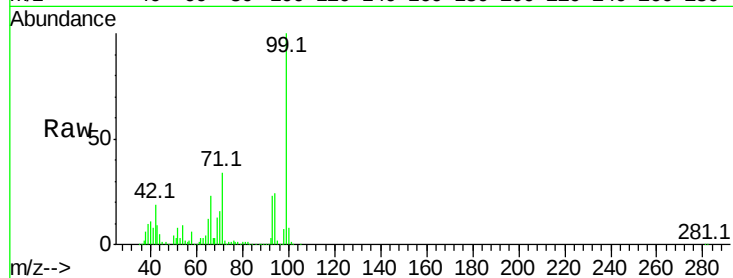
71 33.9 27.5 41.3

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#8

2-Chlorophenol

Concen: 37.62 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

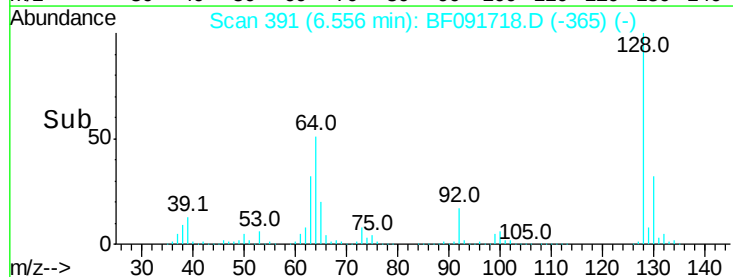
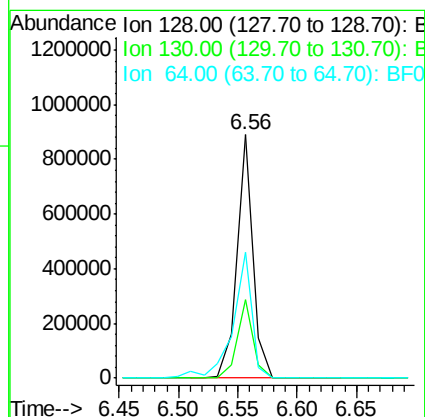
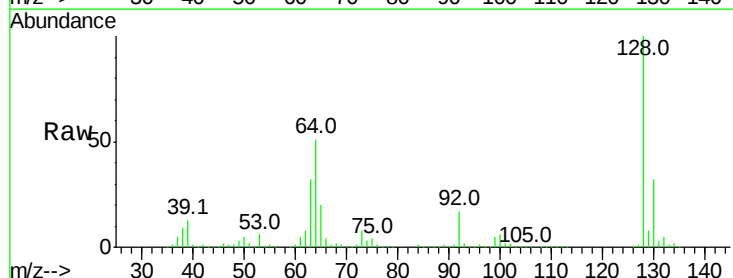
Tgt Ion: 128 Resp: 827488

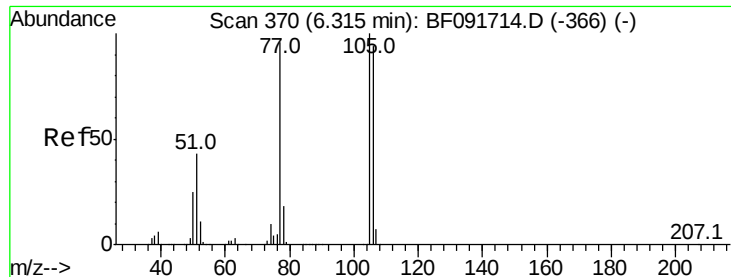
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 51.5 32.2 72.2





#9

Benzaldehyde

Concen: 39.82 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

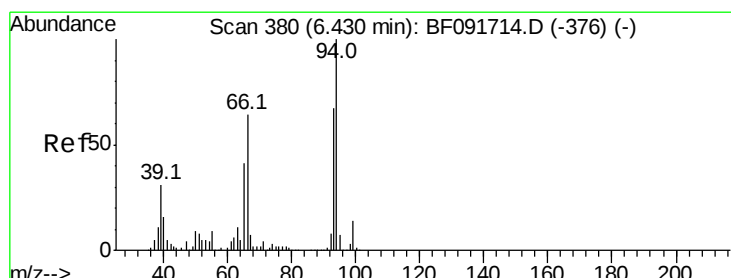
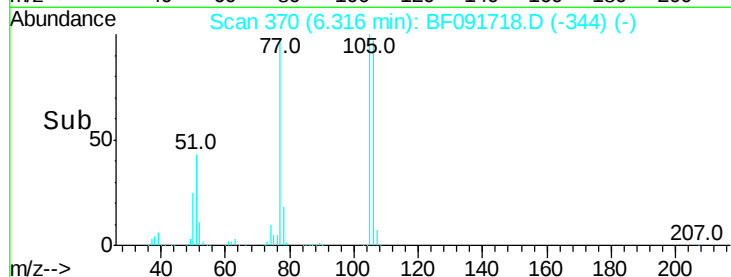
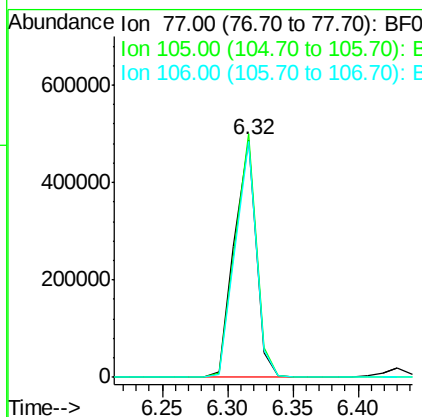
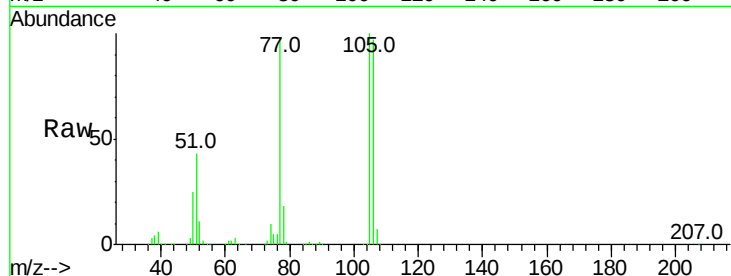
ClientSampleId :

ICVBF121716

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.9	123.9
106	99.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 39.46 ng

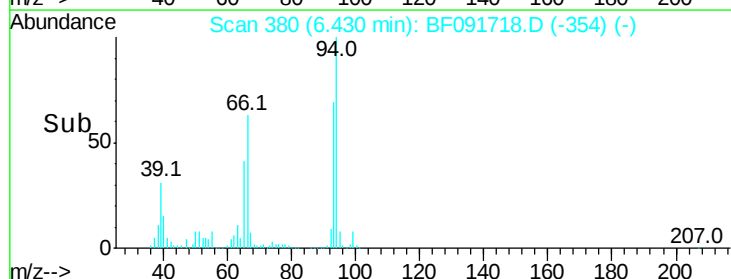
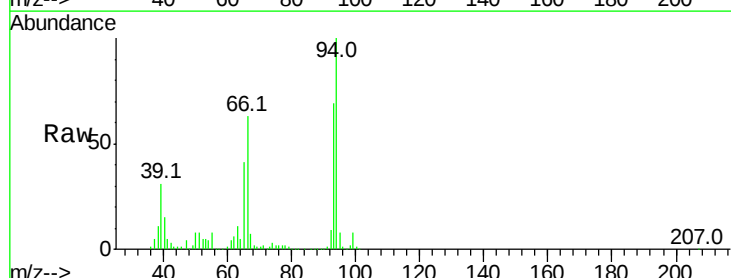
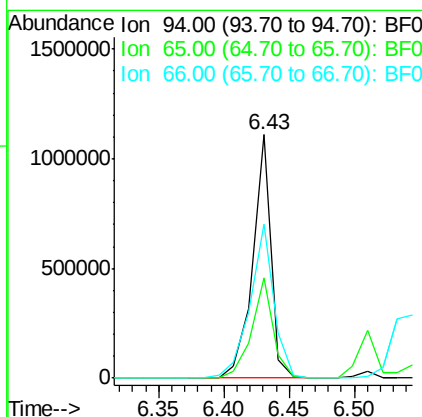
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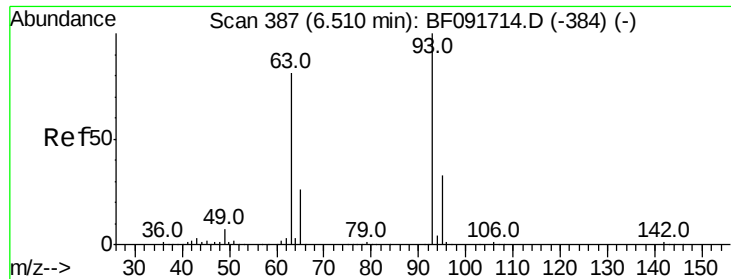
Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.2	21.4	61.4
66	63.0	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 36.15 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion: 93 Resp: 793127

Ion Ratio Lower Upper

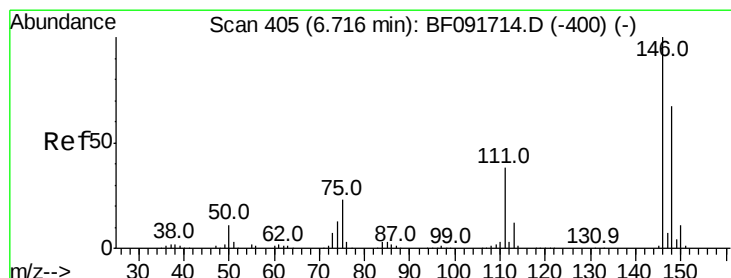
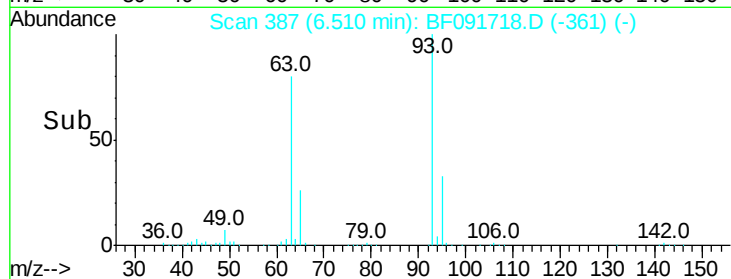
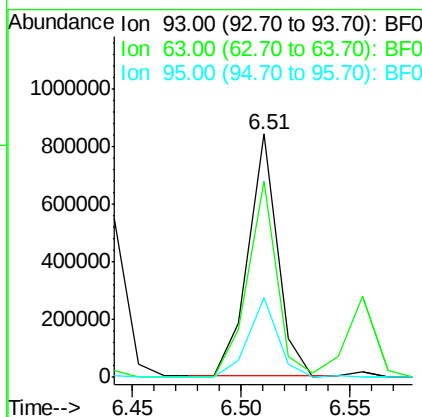
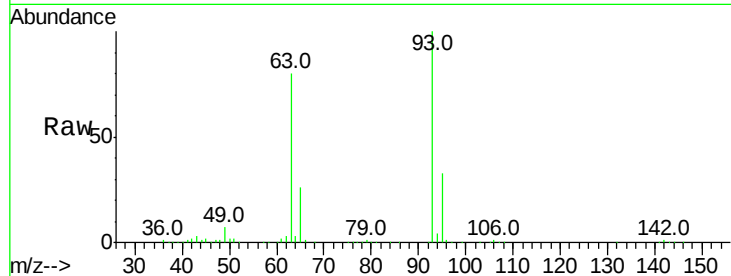
93 100

63 80.4 60.4 100.4

95 32.8 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 37.01 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

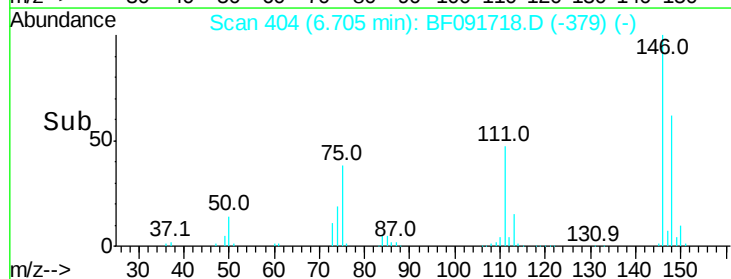
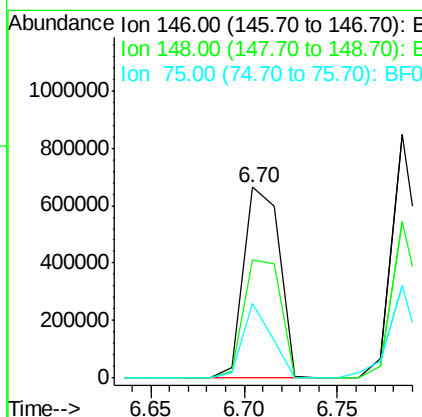
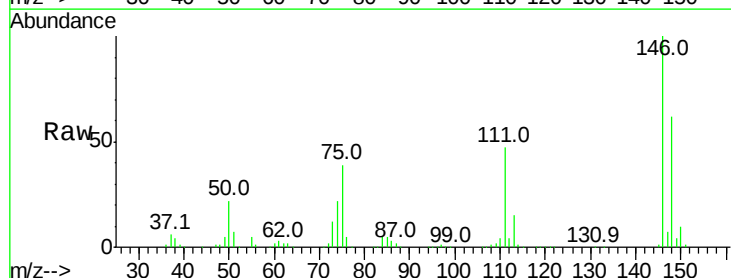
Tgt Ion: 146 Resp: 894053

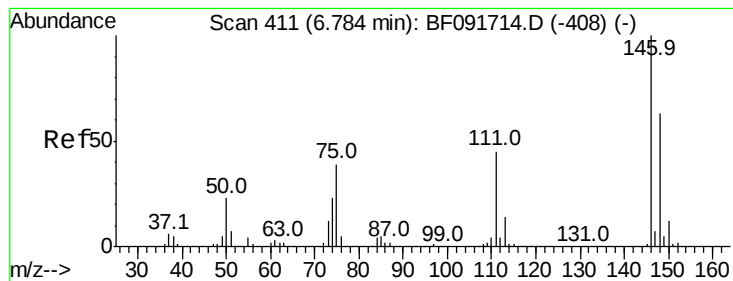
Ion Ratio Lower Upper

146 100

148 62.2 53.4 80.0

75 39.3 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 35.62 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

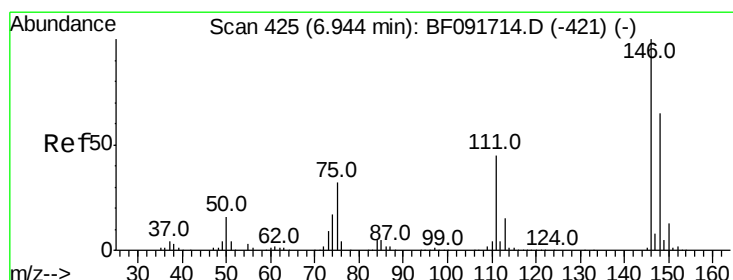
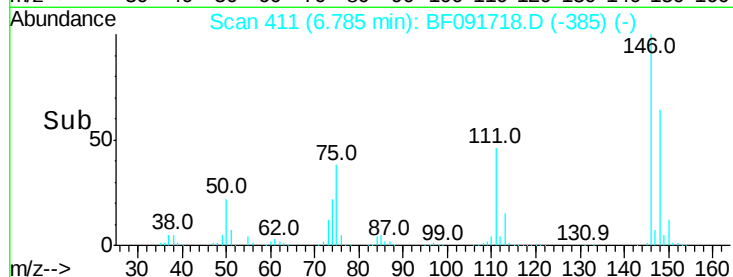
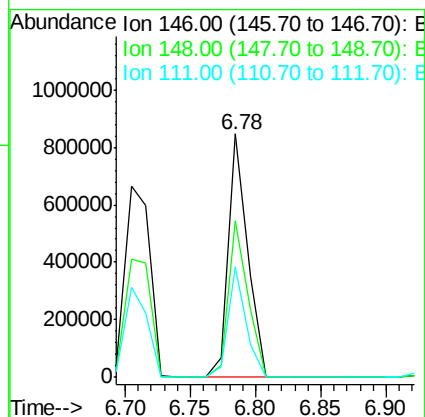
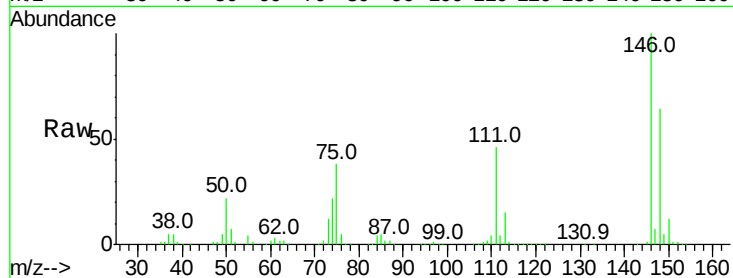
ClientSampleId :

ICVBF121716

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	45.6	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 40.24 ng

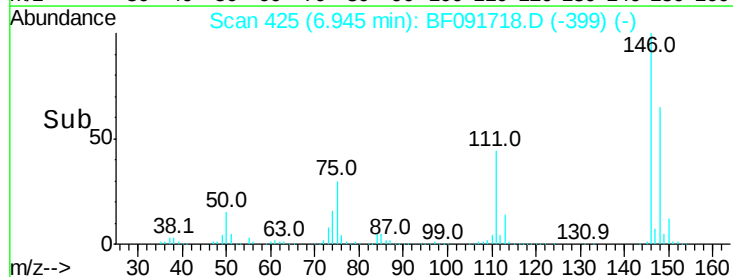
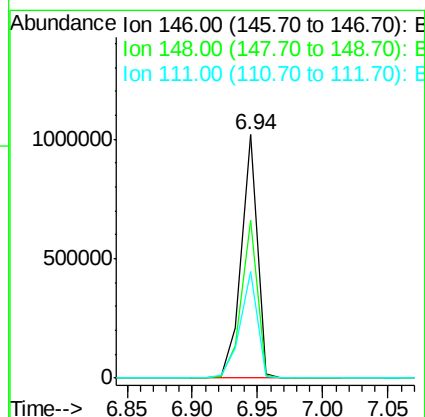
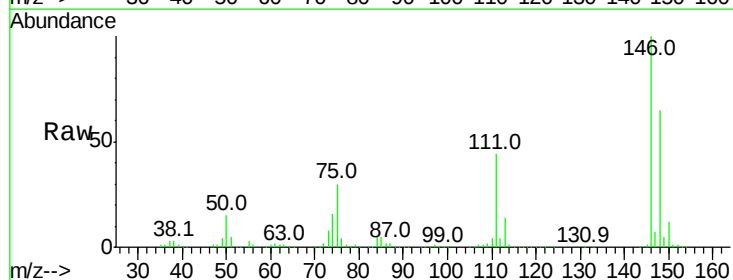
RT: 6.94 min Scan# 425

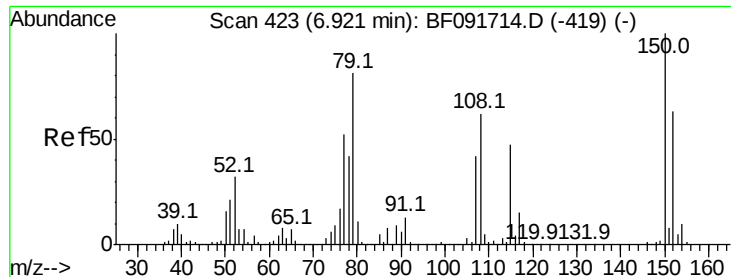
Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	43.7	36.2	54.2





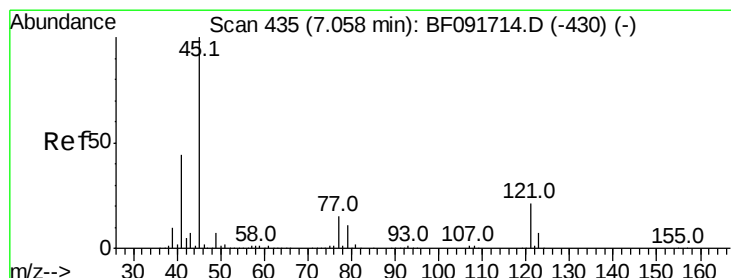
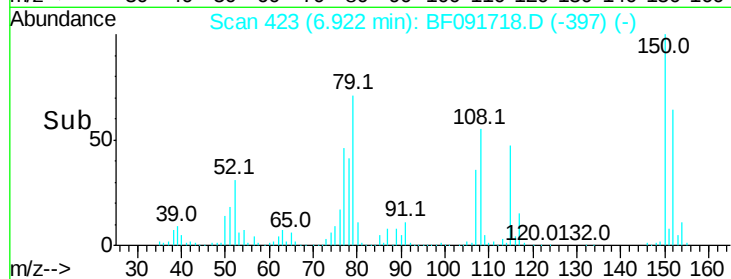
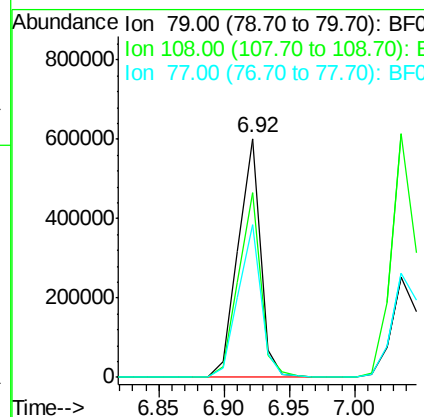
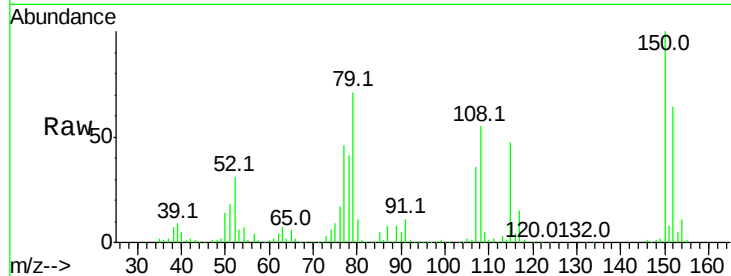
#15
Benzyl Alcohol
Concen: 38.04 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.4	92.0
77	64.0	50.9	76.3

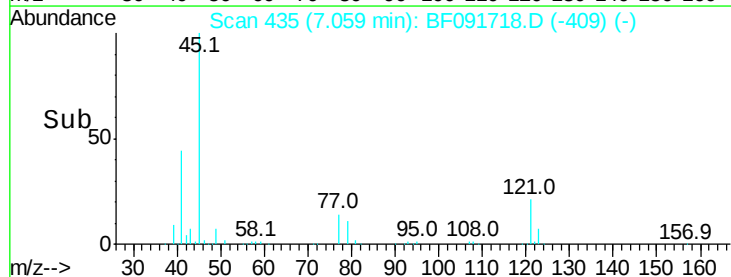
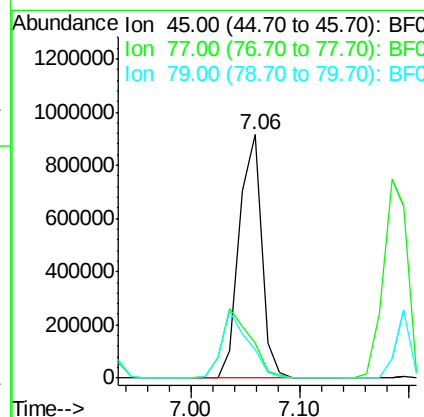
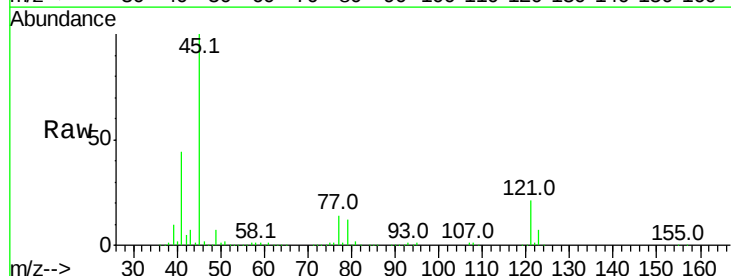
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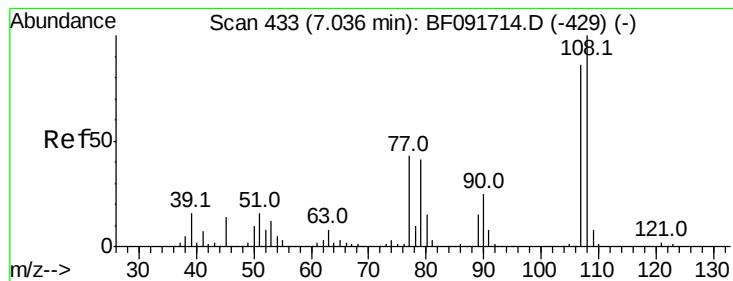
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.37 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.6
79	11.6	0.0	31.2





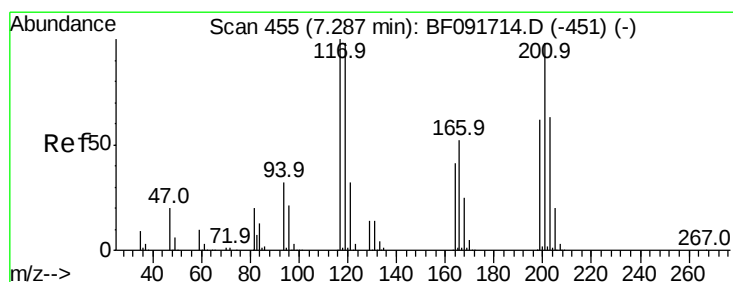
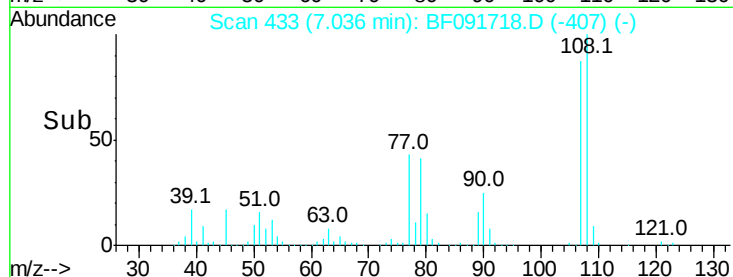
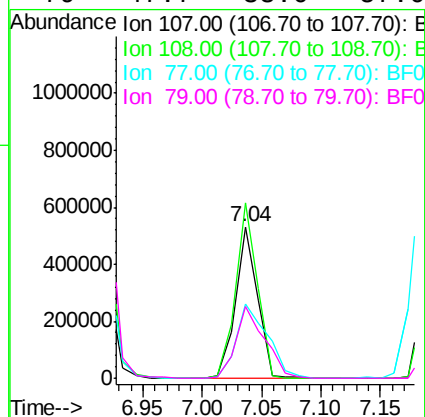
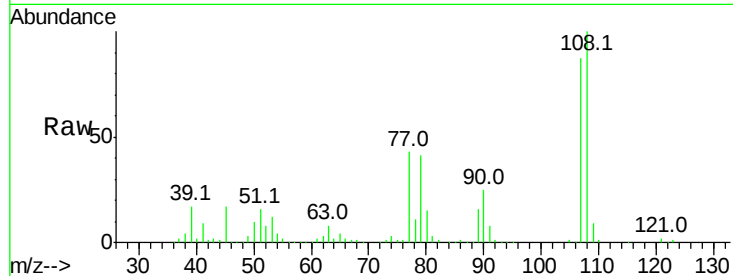
#17
2-Methylphenol
Concen: 37.14 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	93.0	139.6	
77	49.3	39.8	59.8	
79	47.7	38.0	57.0	

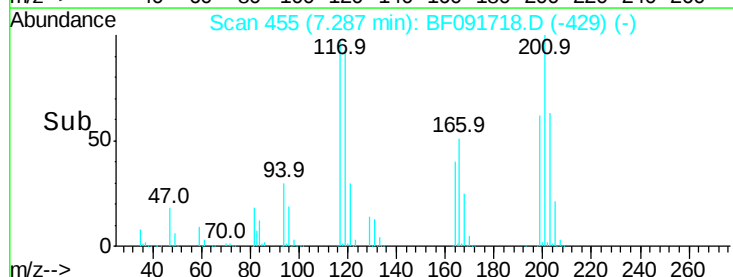
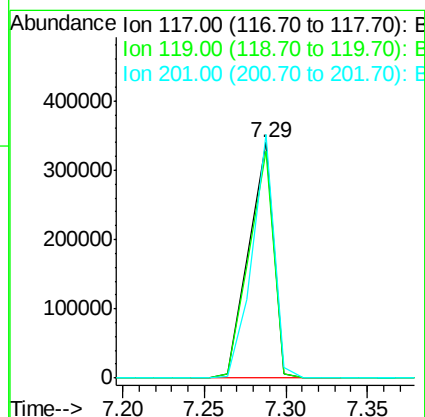
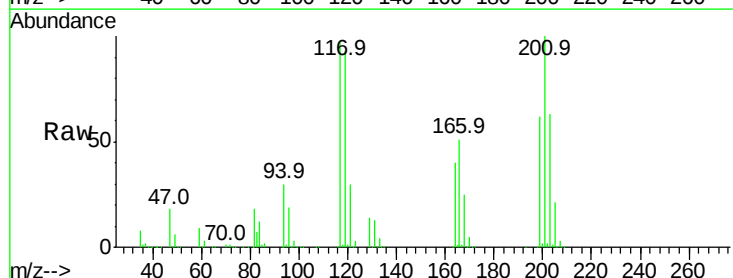
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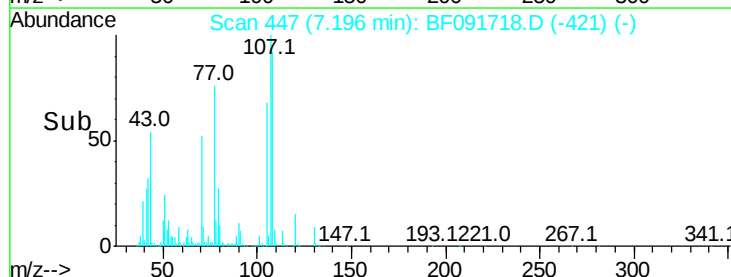
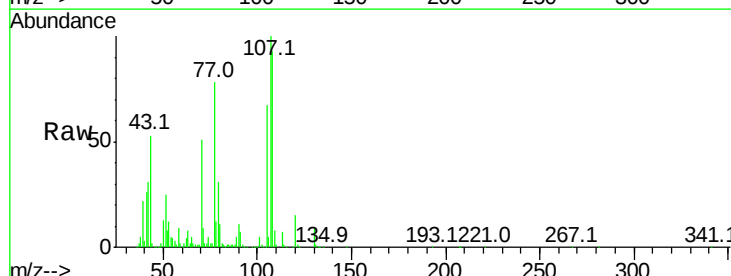
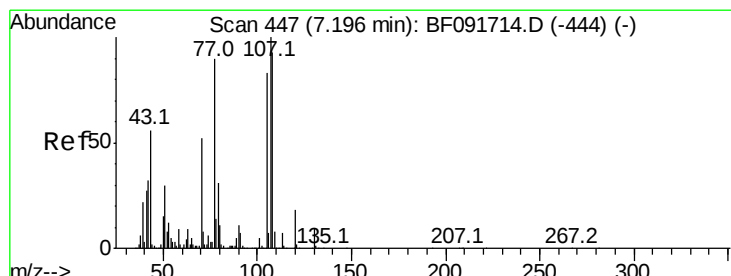
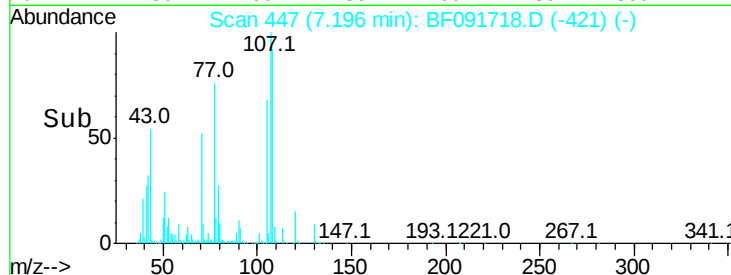
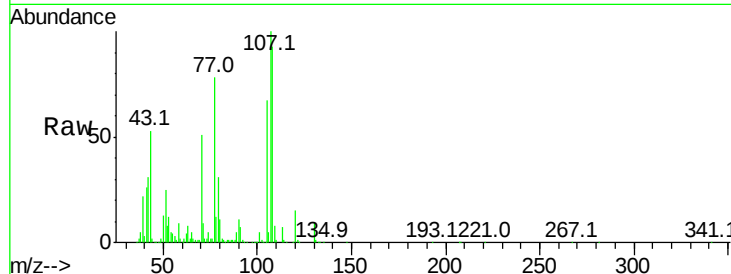
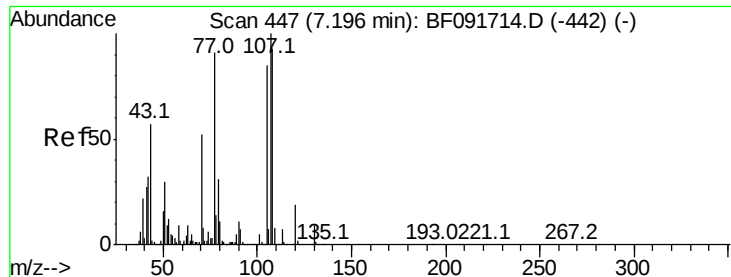
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#18
Hexachloroethane
Concen: 39.46 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

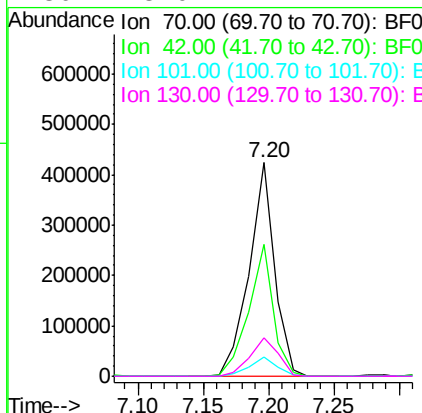
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.1	117.1	
201	103.3	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 35.74 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tot Ion	70	Resp	579325
Ion Ratio	Lower	Upper	
70	100		
42	61.6	49.4	74.0
101	9.1	7.4	11.2
130	18.0	14.2	21.4



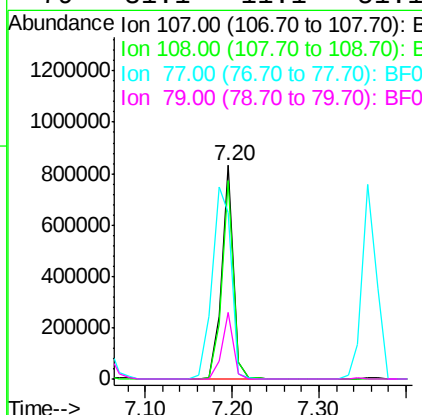
Instrument :
BNA_F
ClientSampleId :
ICVBF121716

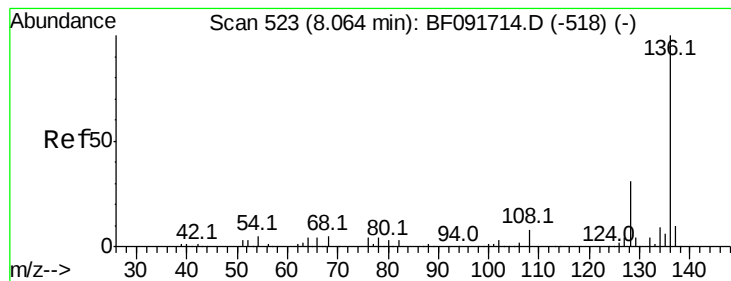
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#20
3+4-Methylphenols
Concen: 38.81 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	107	Resp	795832
Ion Ratio	Lower	Upper	
107	100		
108	93.0	73.0	113.0
77	77.8	71.3	111.3
79	31.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:136 Resp: 1328878

Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 5.3 4.5 6.7

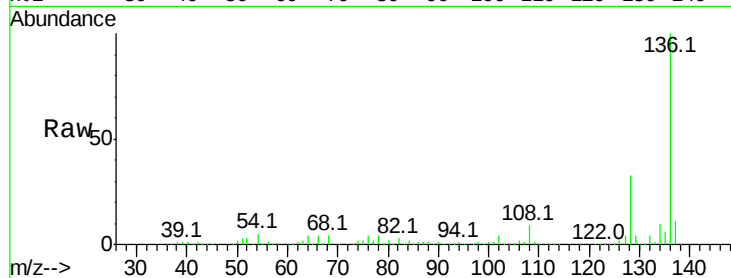
68 4.4 3.6 5.4

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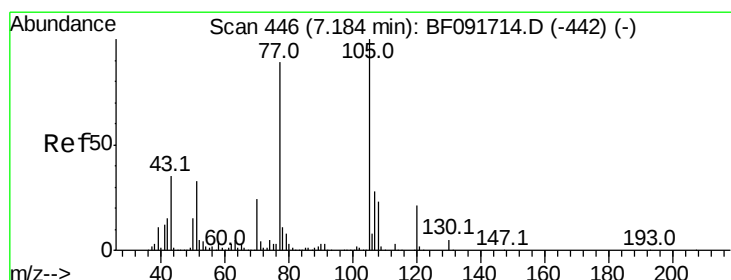
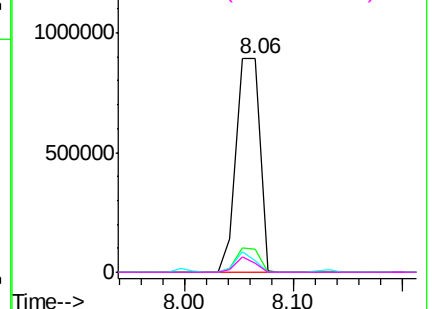
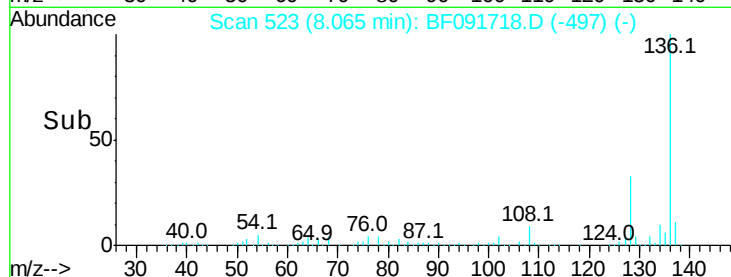


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.02 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion:105 Resp: 1187932

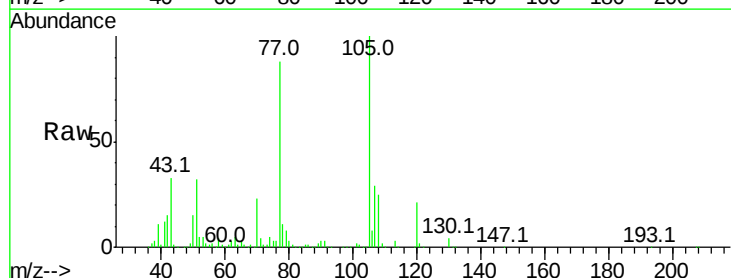
Ion Ratio Lower Upper

105 100

71 3.9 3.2 4.8

51 31.9 26.2 39.4

120 20.5 16.6 24.8

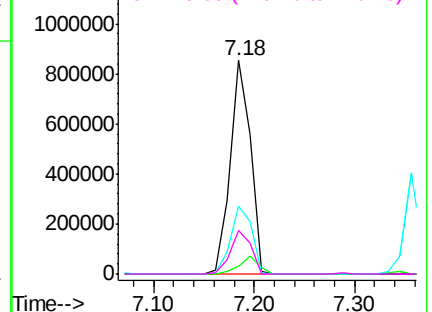
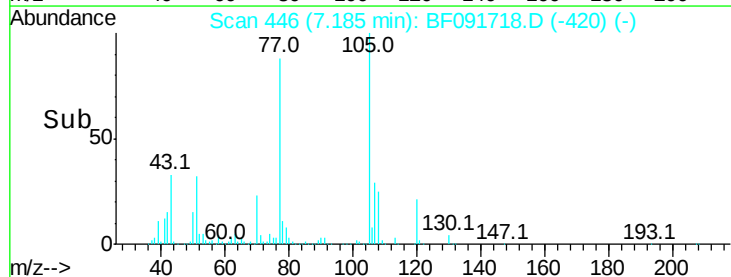


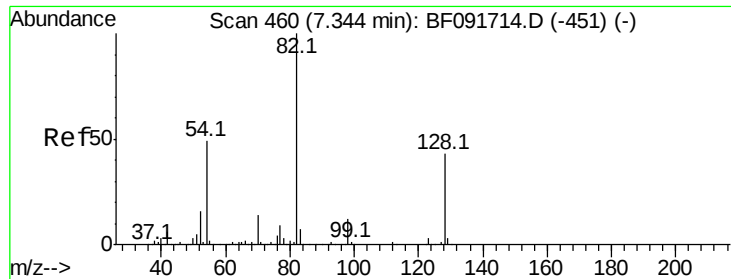
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





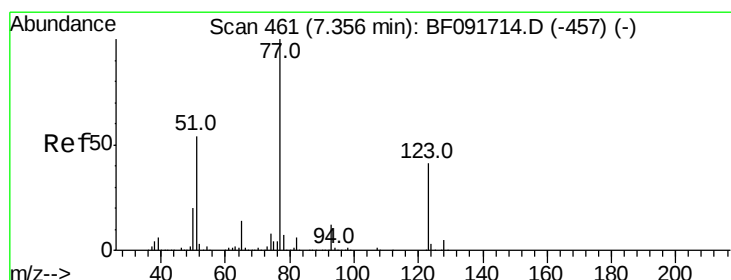
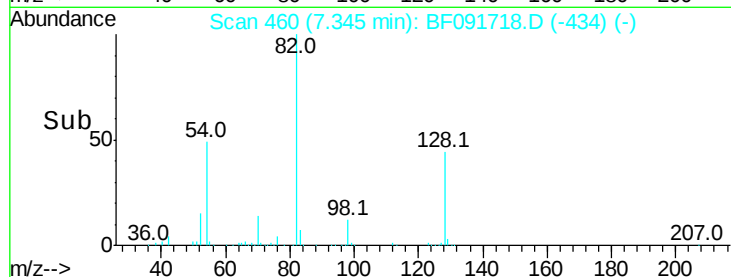
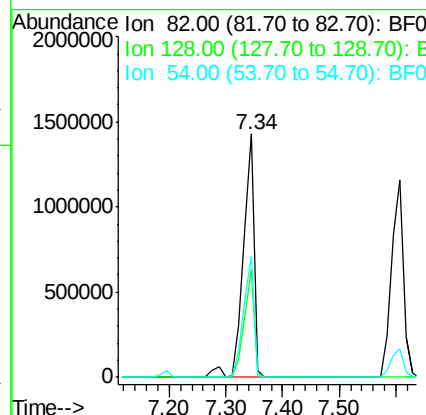
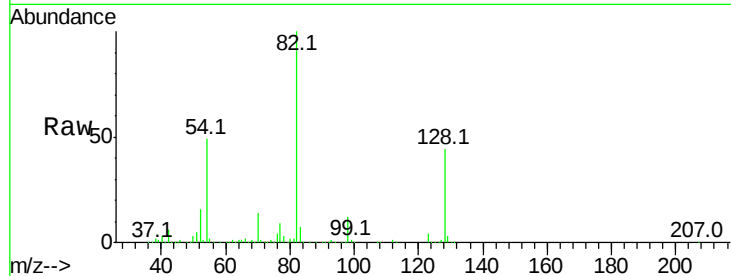
#23
Nitrobenzene-d5
Concen: 82.74 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	49.4	39.5	59.3

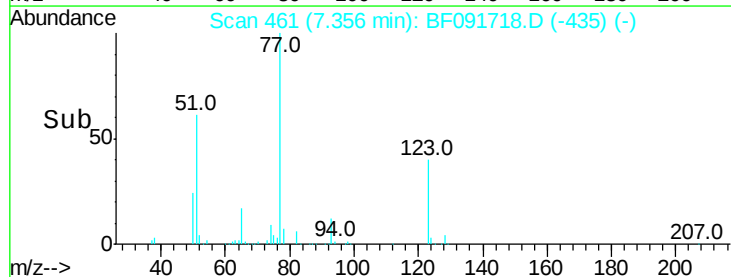
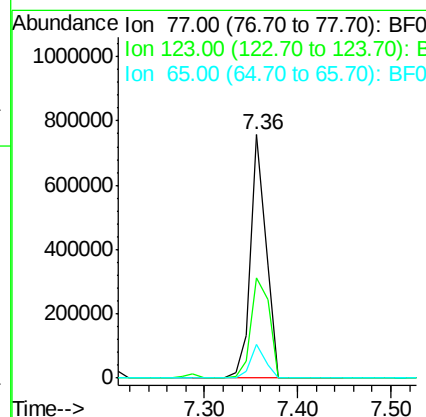
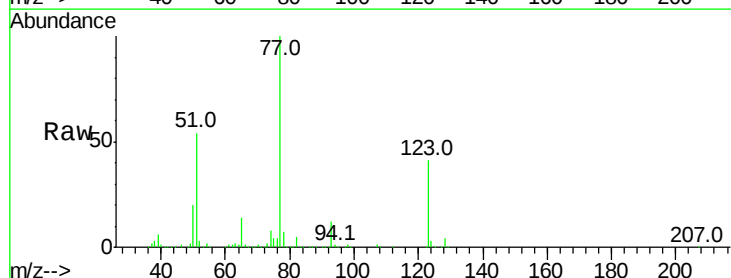
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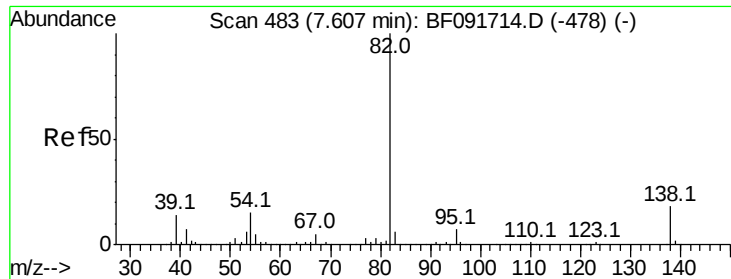
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#24
Nitrobenzene
Concen: 35.02 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 39.17 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion: 82 Resp: 1722120

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

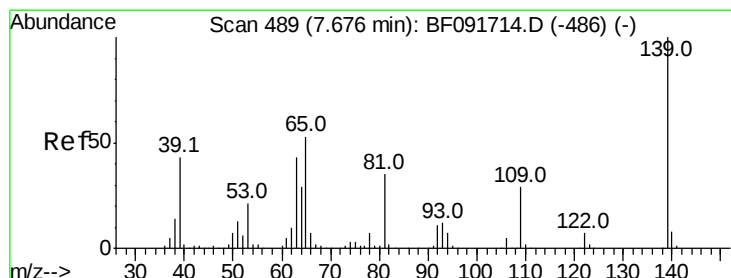
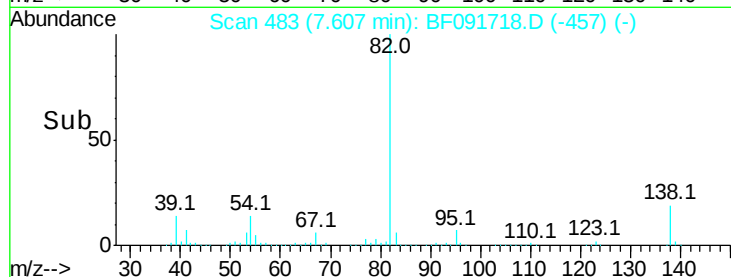
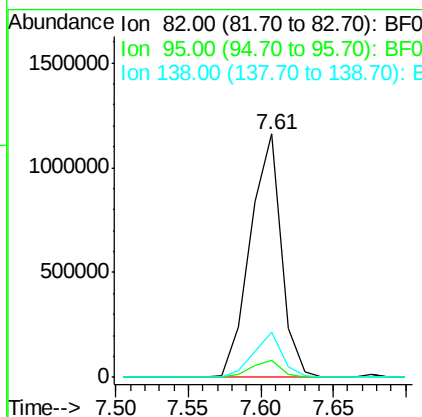
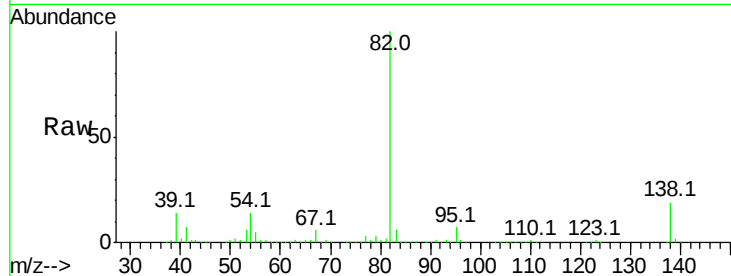
138 18.6 14.6 22.0

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#26

2-Nitrophenol

Concen: 39.83 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

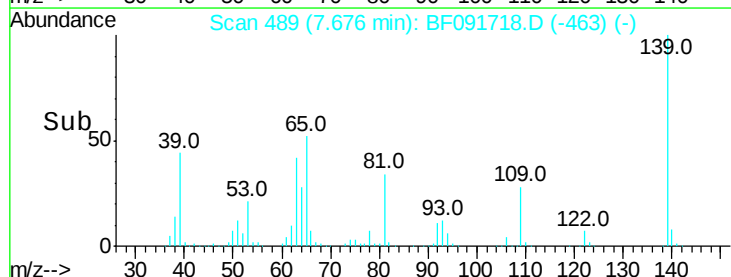
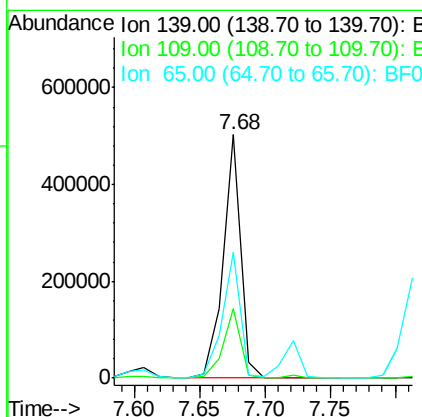
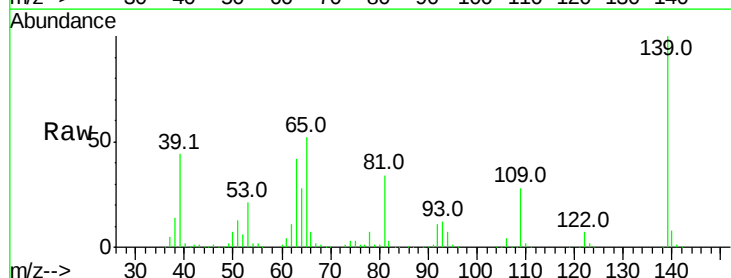
Tgt Ion: 139 Resp: 475466

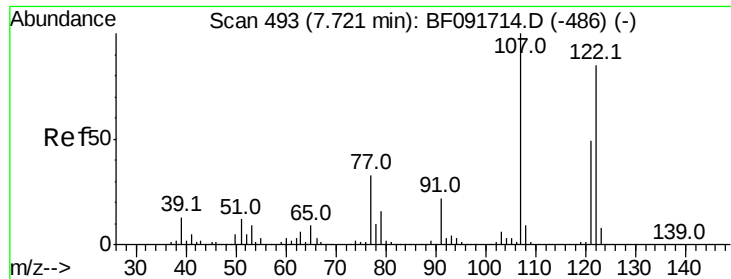
Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

65 51.7 42.7 64.1





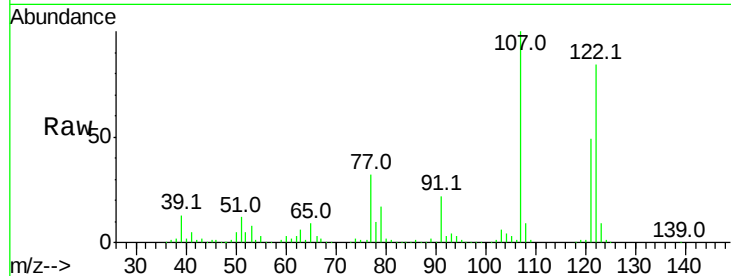
#27
2,4-Dimethylphenol
Concen: 38.50 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

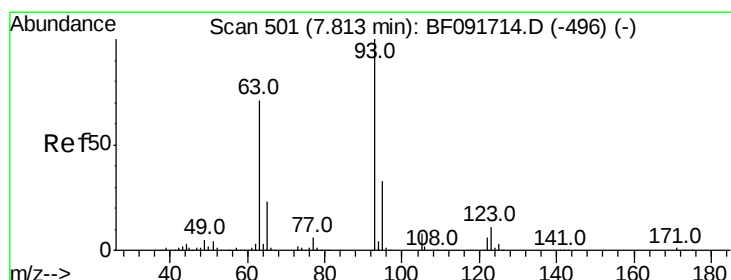
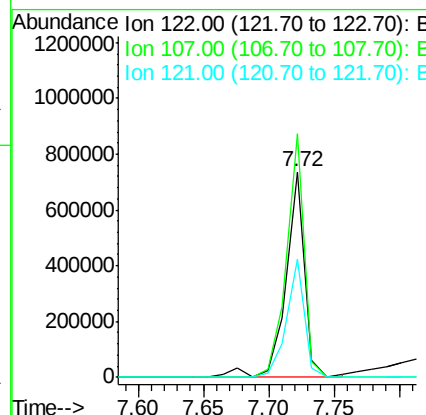
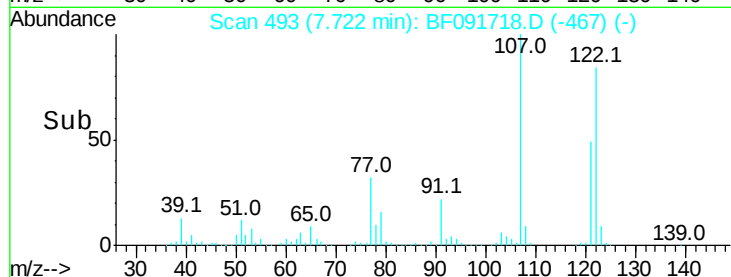
Tot Ion	Ratio	Resp	Lower	Upper
122	100	749747		
107	118.4	94.1	141.1	
121	57.7	46.0	69.0	

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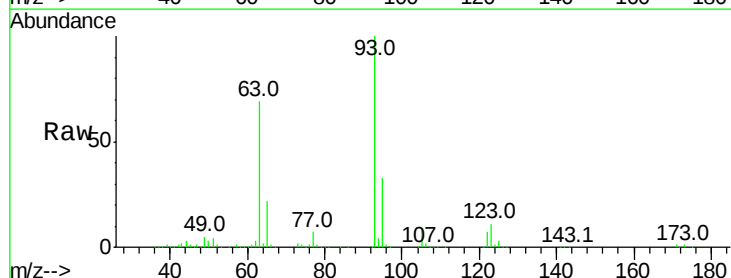


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

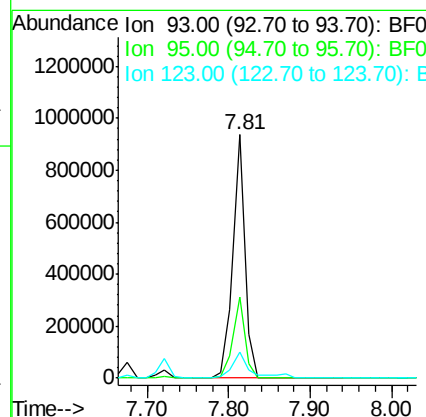
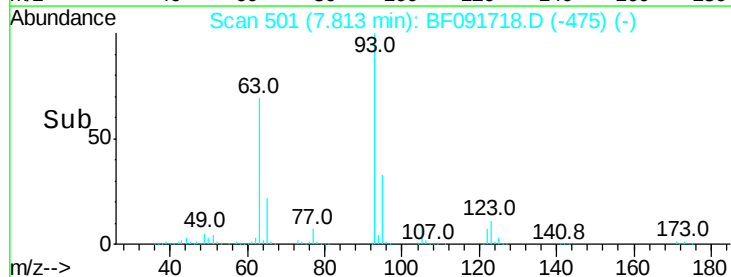


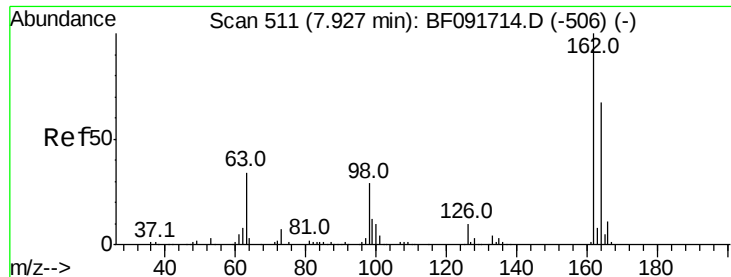
#28
bis(2-Chloroethoxy)methane
Concen: 37.26 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	958584		
95	33.4	26.5	39.7	
123	10.9	8.6	13.0	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.24 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

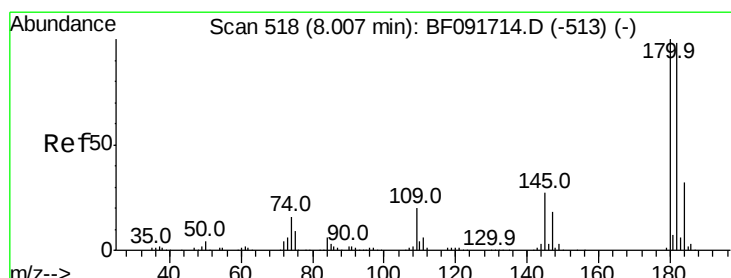
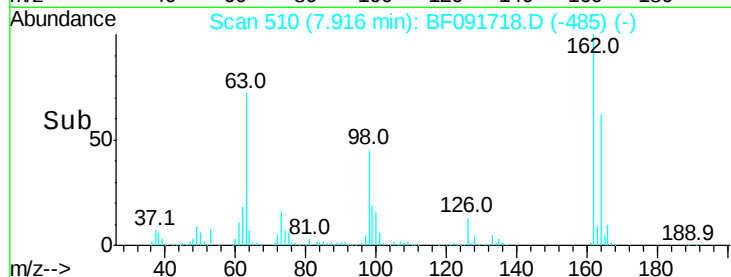
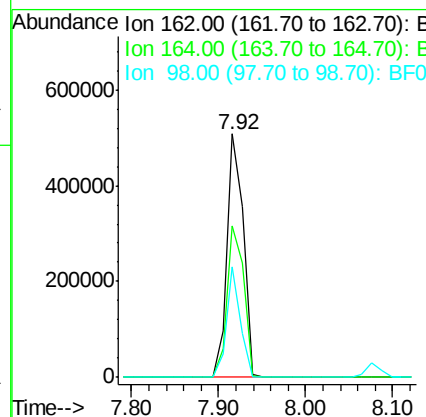
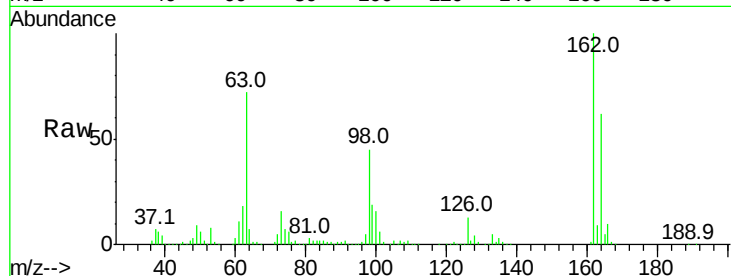
ClientSampleId :

ICVBF121716

Tot Ion:	162	Resp:	668839
Ion Ratio	Lower	Upper	
162	100		
164	62.4	46.8	86.8
98	45.5	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.81 ng

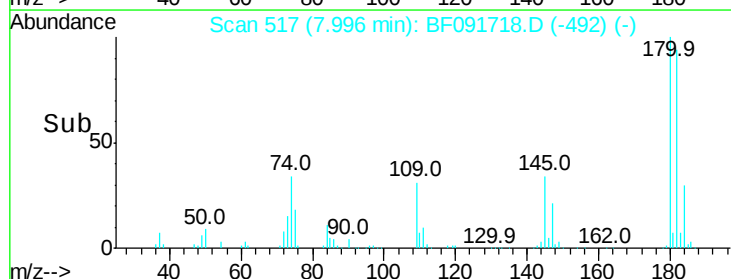
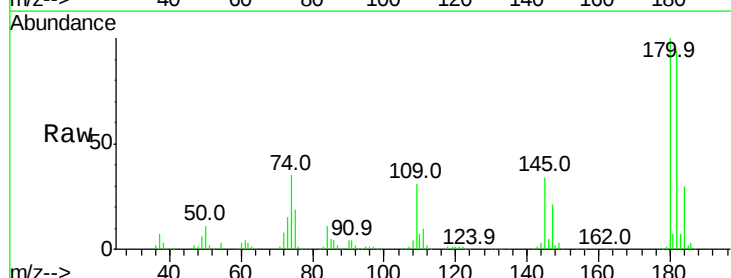
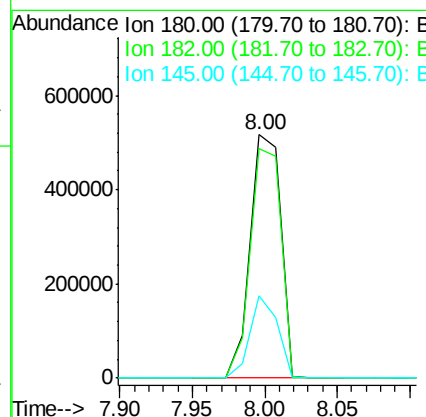
RT: 8.00 min Scan# 517

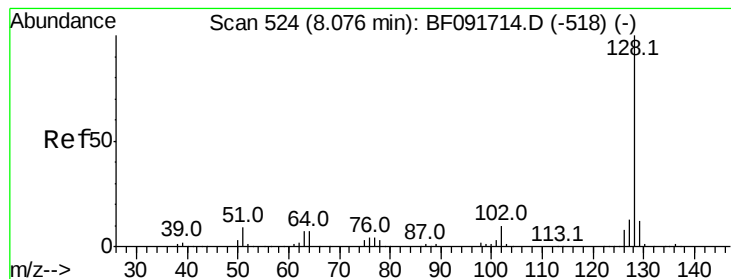
Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion:	180	Resp:	755501
Ion Ratio	Lower	Upper	
180	100		
182	94.2	78.2	117.4
145	33.7	21.6	32.4#





#31

Naphthalene

Concen: 36.15 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:128 Resp: 2295007

Ion Ratio Lower Upper

128 100

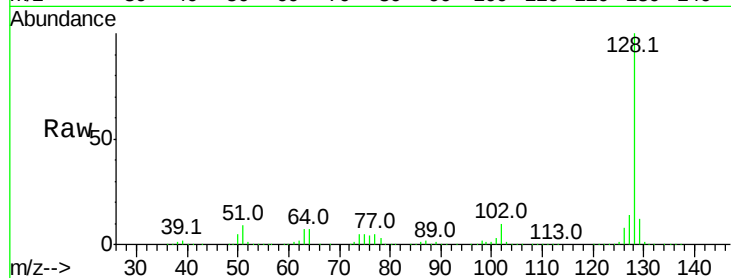
129 11.8 9.5 14.3

127 13.6 10.8 16.2

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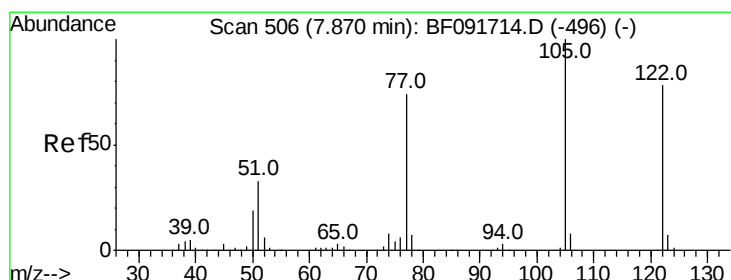
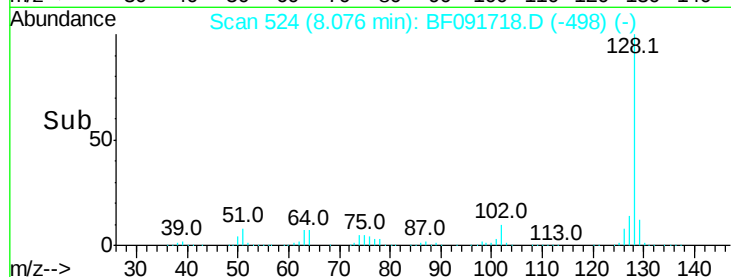
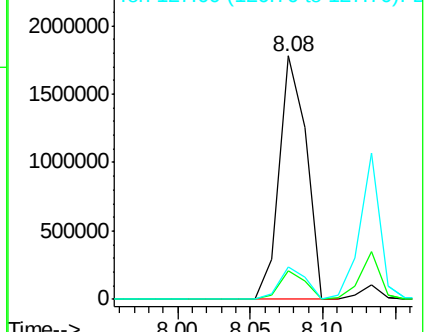
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.88 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

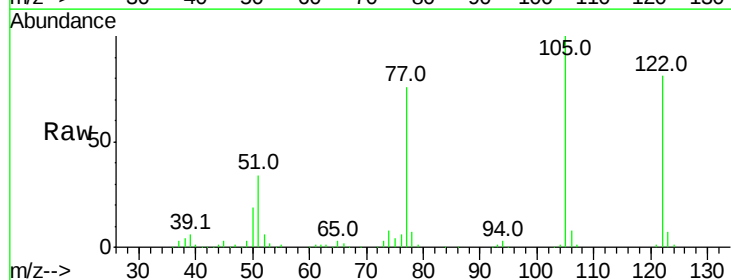
Tgt Ion:122 Resp: 608910

Ion Ratio Lower Upper

122 100

105 124.1 107.2 147.2

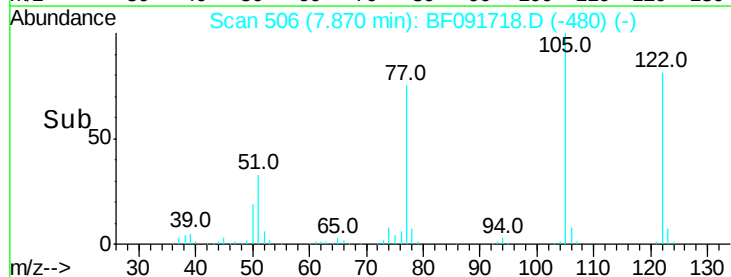
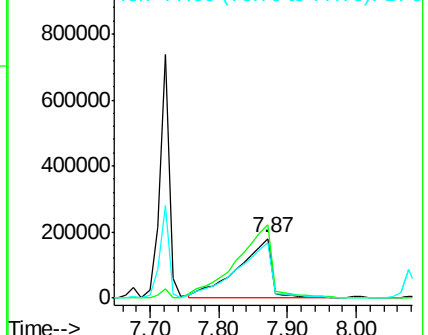
77 93.8 74.5 114.5

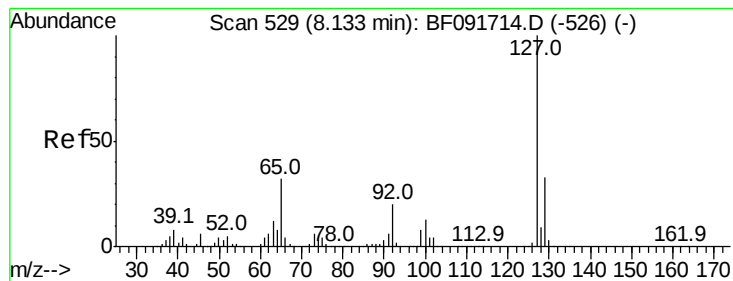


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.31 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:127 Resp: 1051345

Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 32.0 25.8 38.8

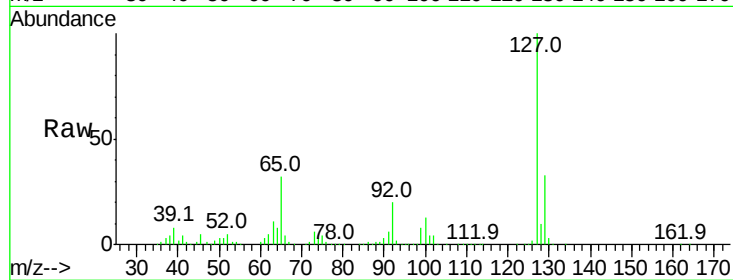
92 19.7 16.1 24.1

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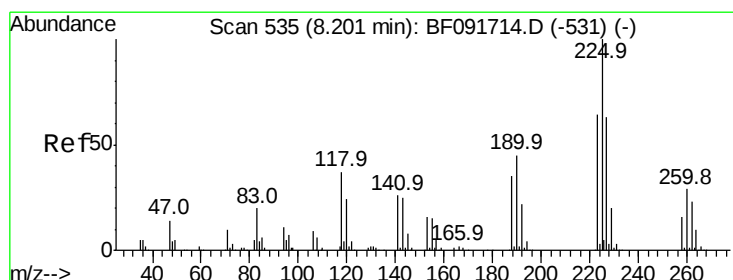
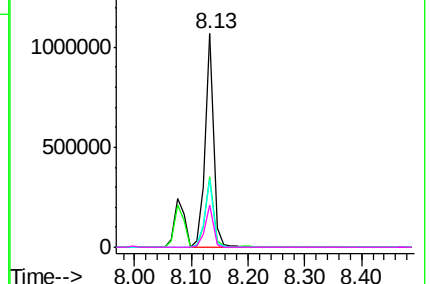
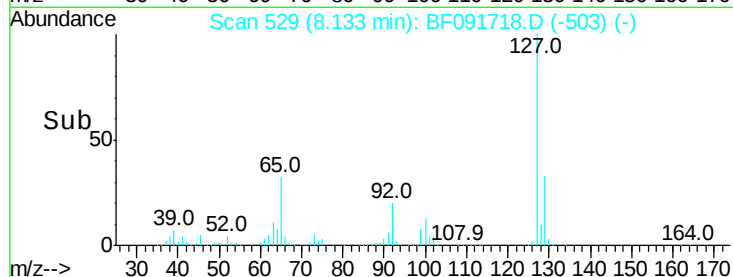


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.42 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

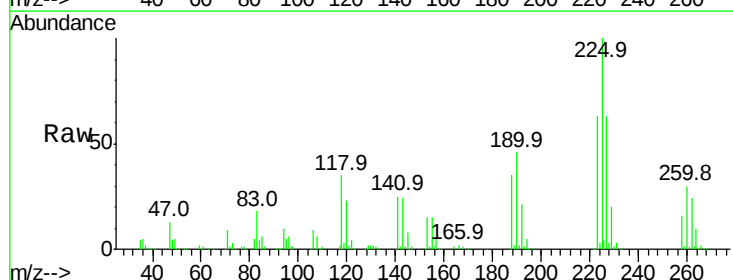
Tgt Ion:225 Resp: 420512

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

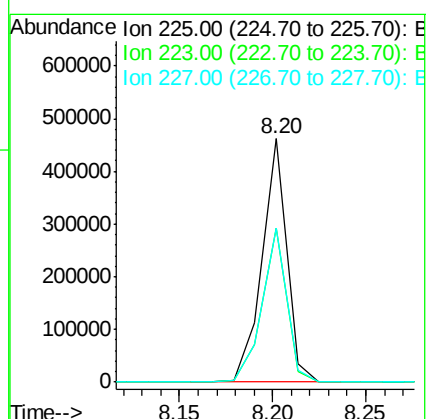
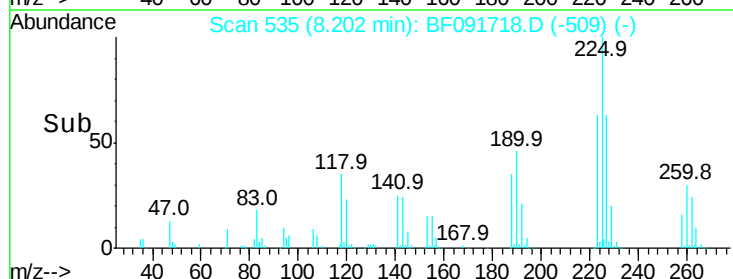
227 63.3 50.6 76.0

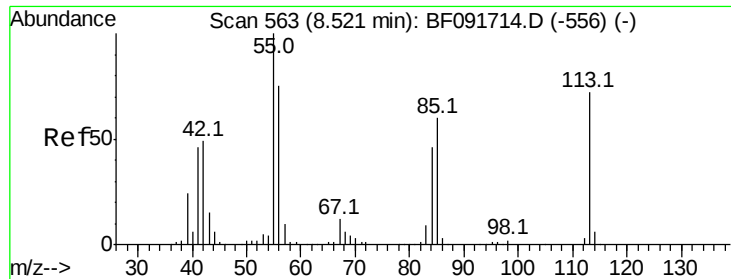


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.79 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

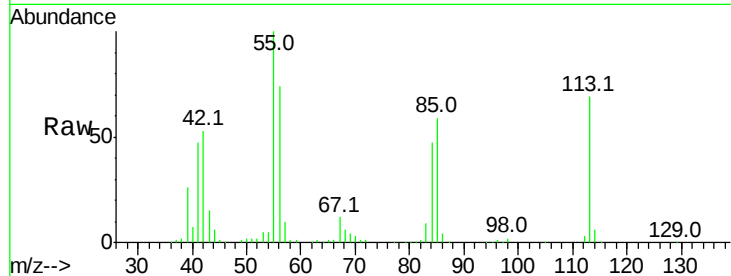
ClientSampleId :

ICVBF121716

Tot Ion:	113	Resp:	235737
Ion Ratio	Lower	Upper	
113	100		
55	144.2	119.2	159.2
56	107.2	83.8	123.8

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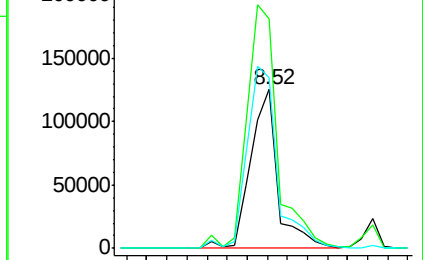
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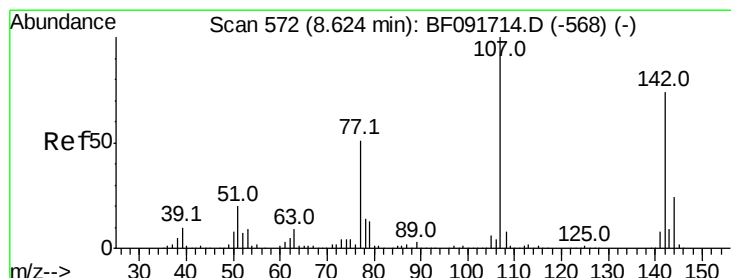
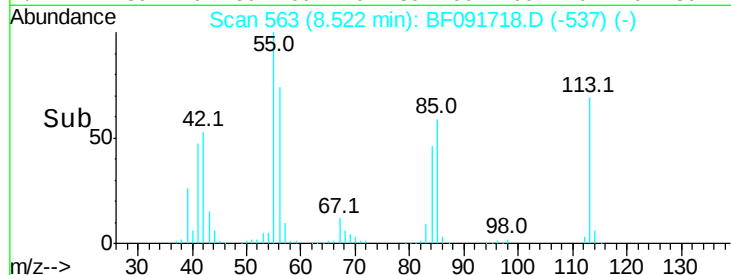
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.91 ng

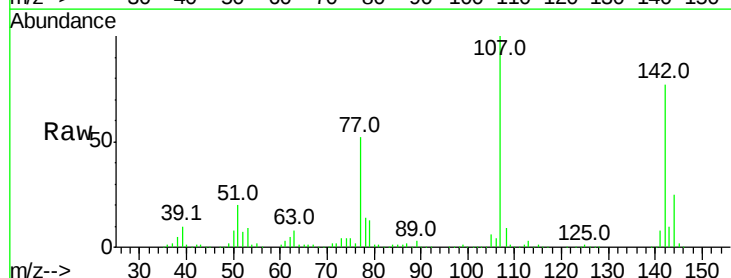
RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

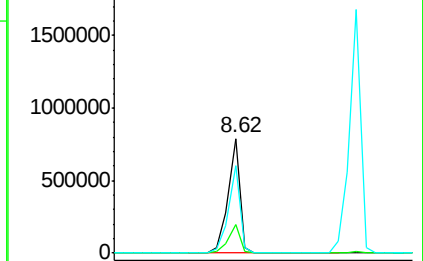
Tgt Ion:	107	Resp:	790834
Ion Ratio	Lower	Upper	
107	100		
144	25.4	19.3	28.9
142	76.8	59.0	88.6



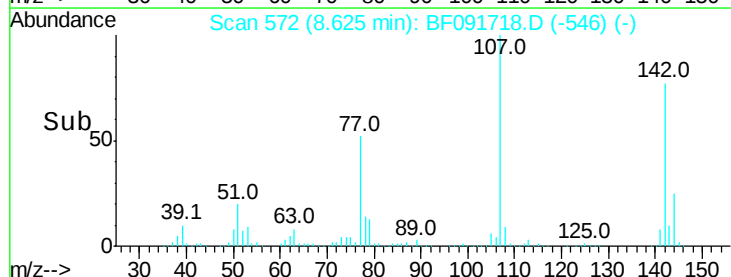
Abundance Ion 107.00 (106.70 to 107.70): E

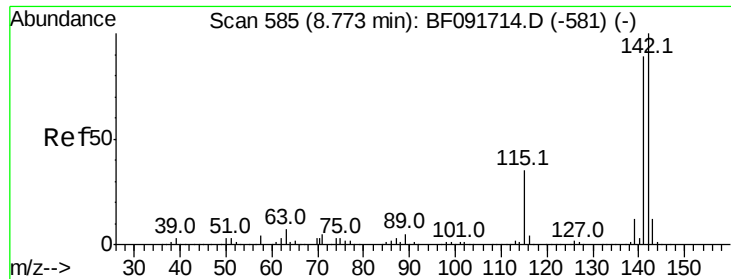
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





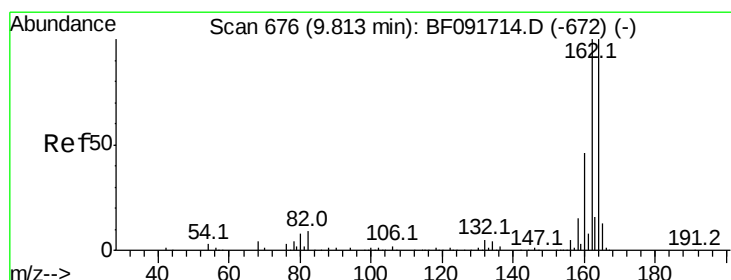
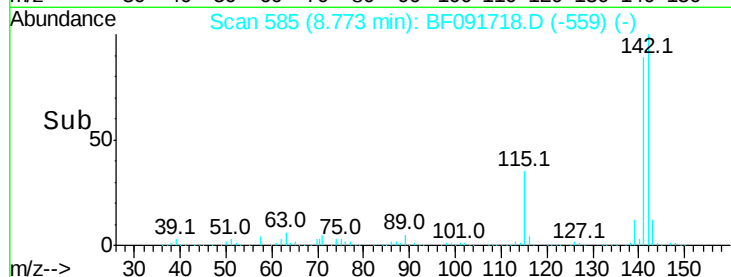
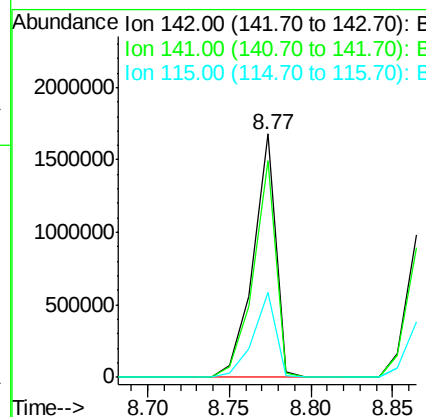
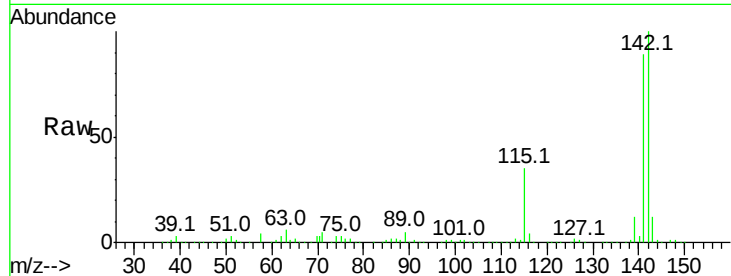
#37
2-Methylnaphthalene
Concen: 40.42 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	34.7	28.3	42.5

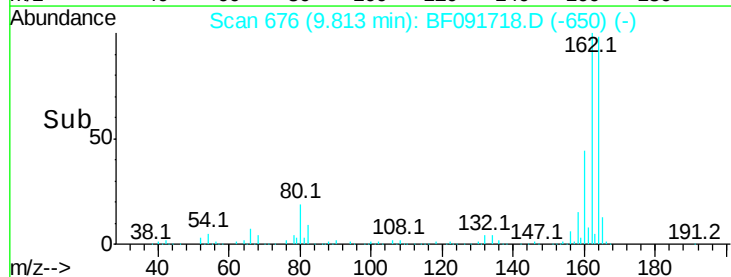
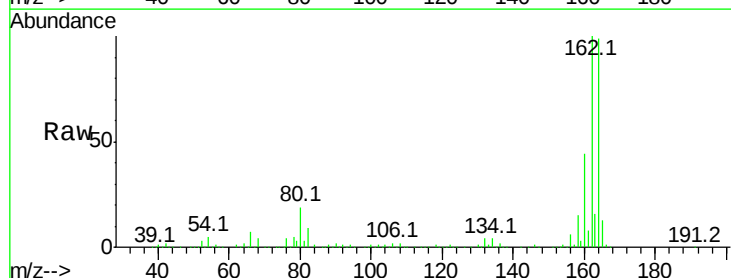
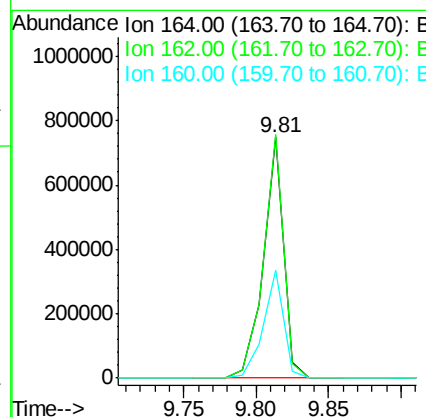
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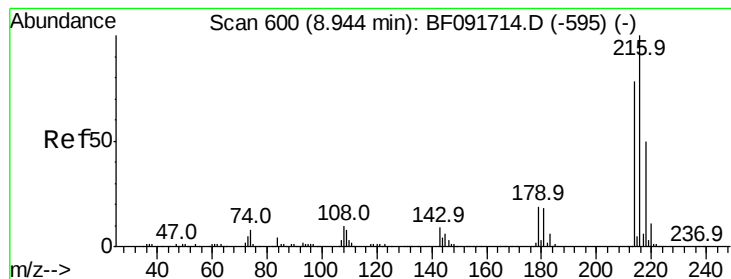
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	44.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.21 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

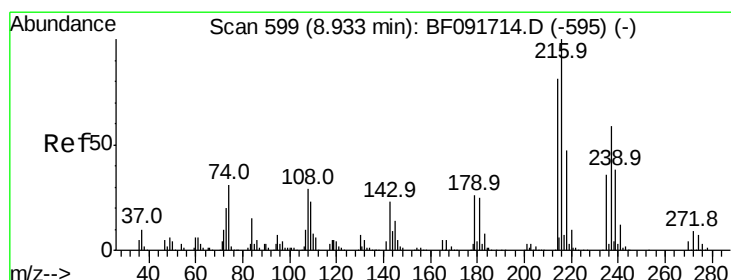
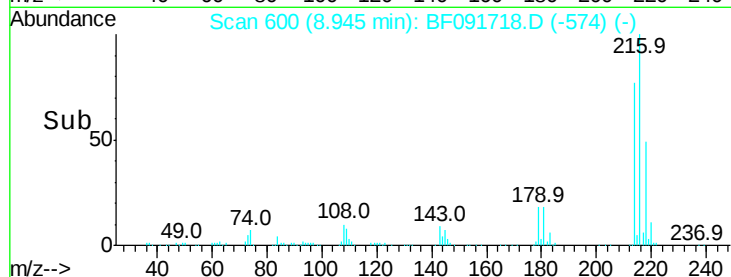
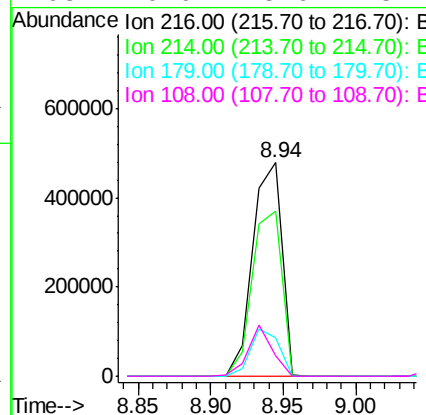
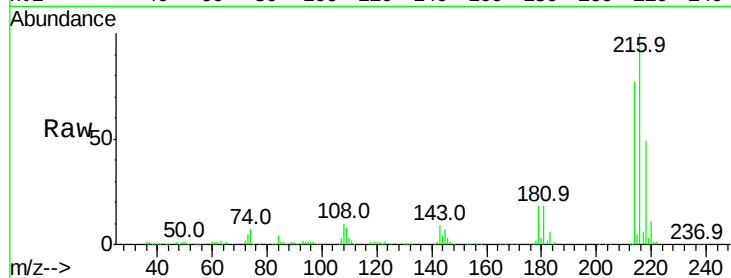
ClientSampleId :

ICVBF121716

Tot Ion	Ratio	Resp	Lower	Upper
216	100	667030		
214	79.1	63.4	95.0	
179	21.7	17.4	26.2	
108	19.9	15.6	23.4	

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#40

Hexachlorocyclopentadiene

Concen: 42.09 ng

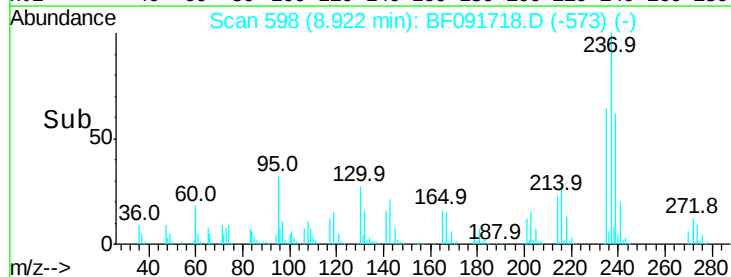
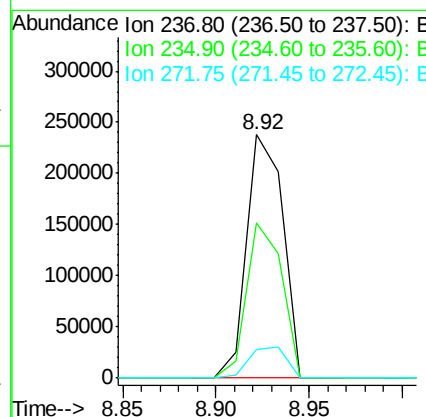
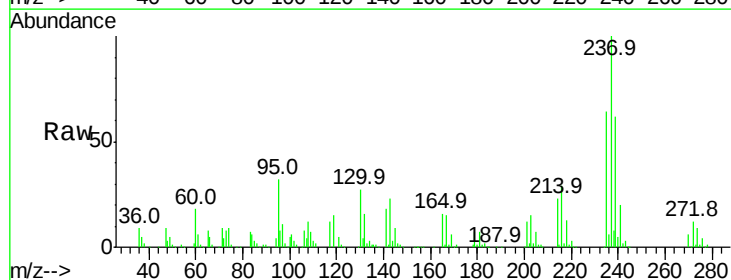
RT: 8.92 min Scan# 598

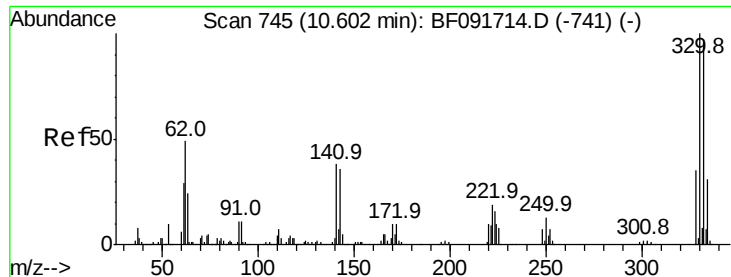
Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	319788		
235	64.0	41.2	81.2	
272	11.7	0.0	35.4	





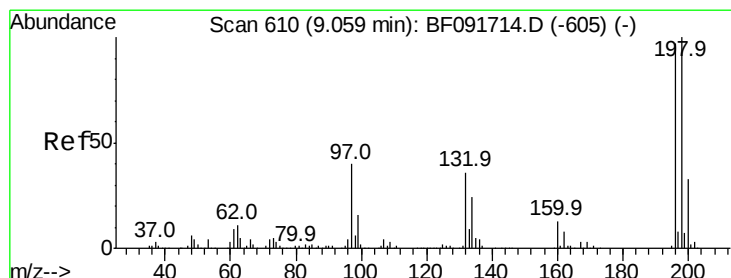
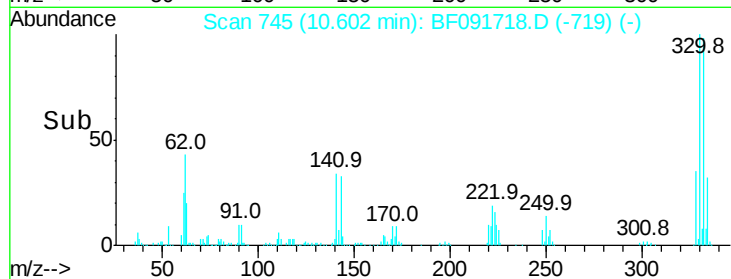
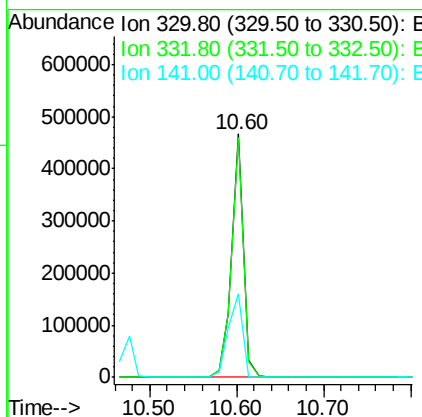
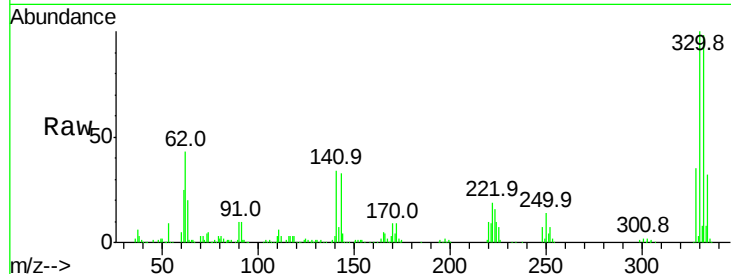
#41
 2,4,6-Tribromophenol
 Concen: 72.09 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tot Ion	Ratio	Resp	Lower	Upper
330	100	439641		
332	99.0	77.4	116.2	
141	42.0	34.1	51.1	

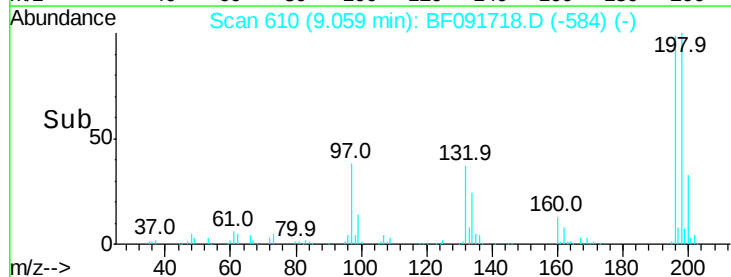
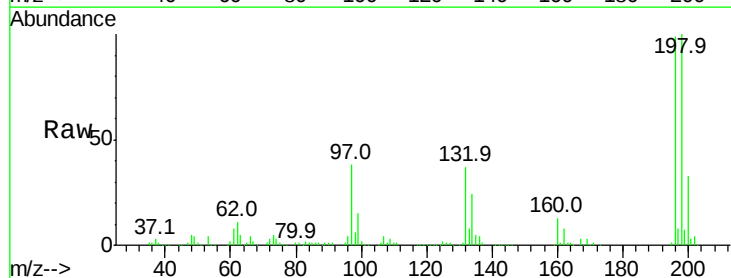
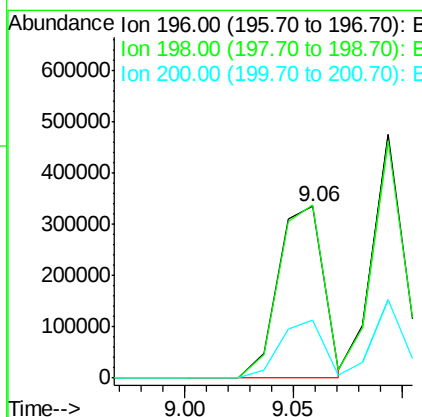
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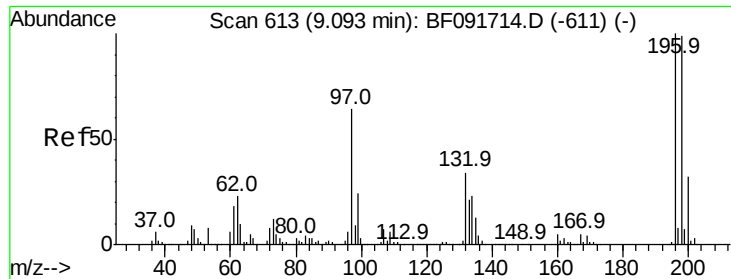
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#42
 2,4,6-Trichlorophenol
 Concen: 38.07 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	487552		
198	101.0	82.1	123.1	
200	33.7	27.0	40.4	





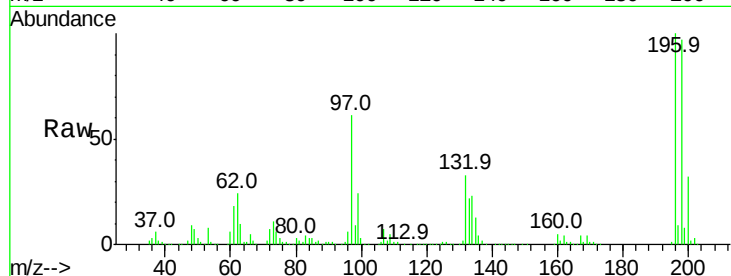
#43
 2,4,5-Trichlorophenol
 Concen: 38.35 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

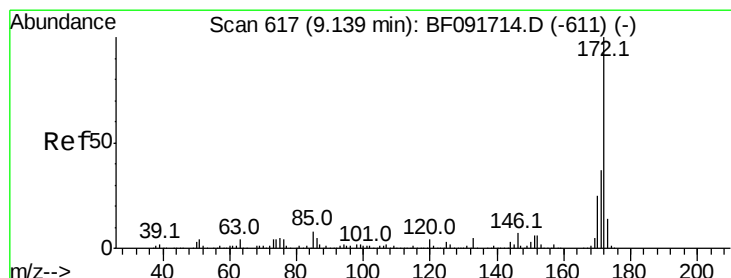
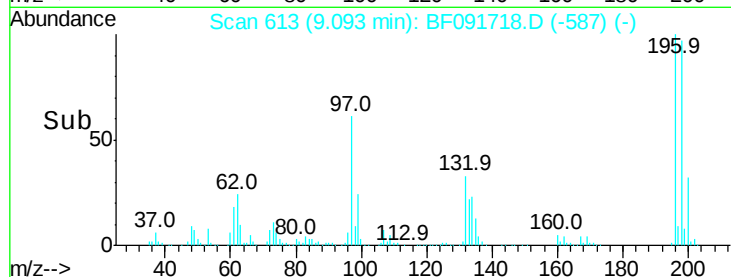
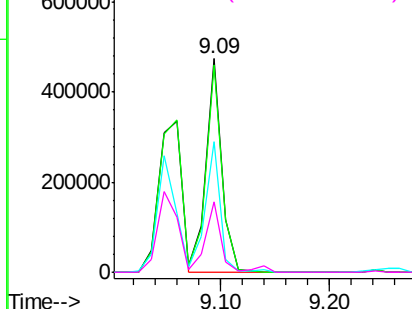
Tot Ion	Ratio	Resp	Lower	Upper
196	100	482595		
198	97.3	79.4	119.2	
97	61.0	51.5	77.3	
132	33.2	27.4	41.2	

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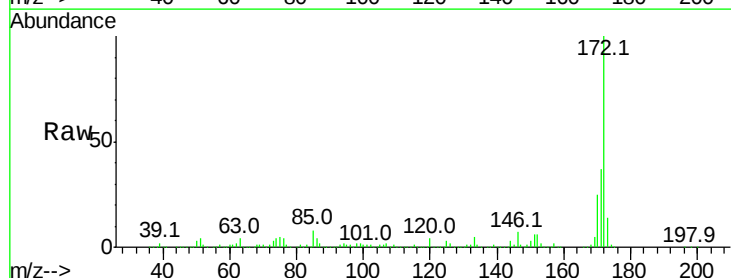


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

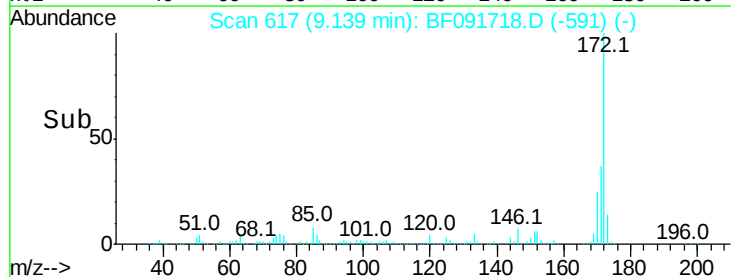
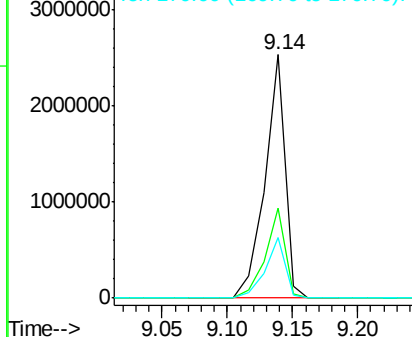


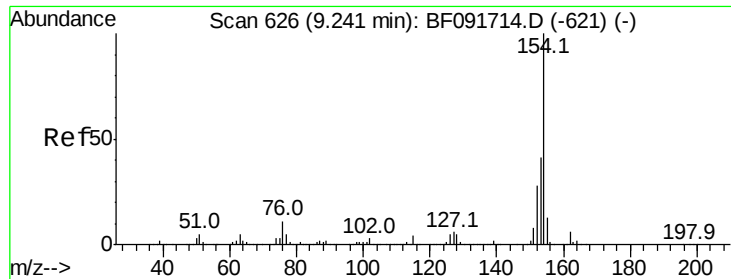
#44
 2-Fluorobiphenyl
 Concen: 76.55 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2740067		
171	37.1	29.4	44.0	
170	25.1	20.2	30.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





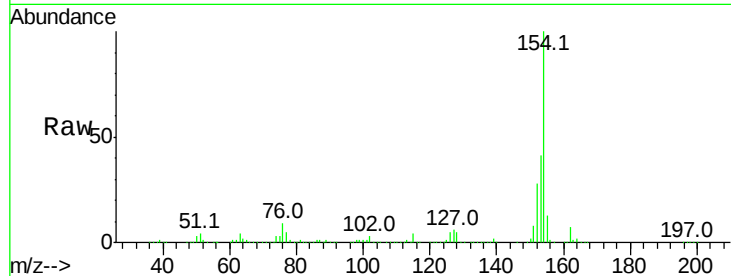
#45
 1,1'-Biphenyl
 Concen: 38.74 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

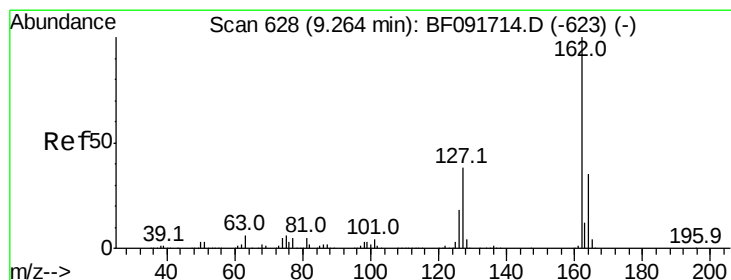
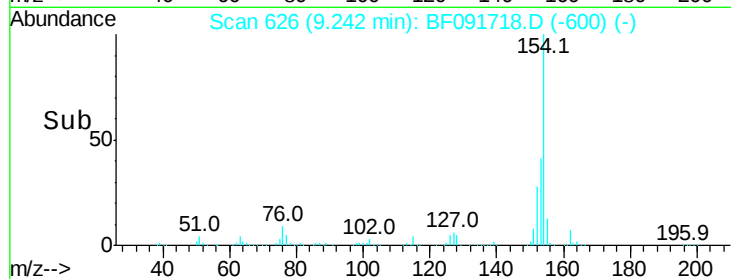
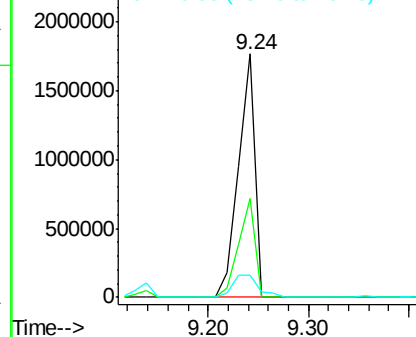
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	9.2	0.0	30.5

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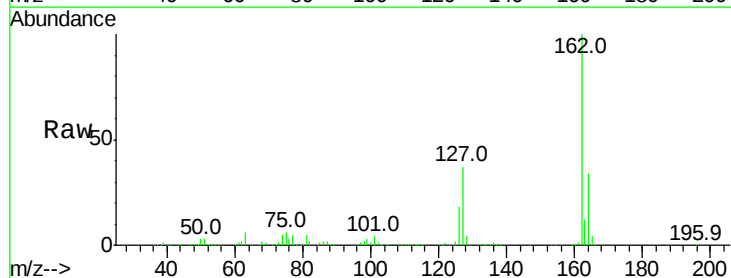


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

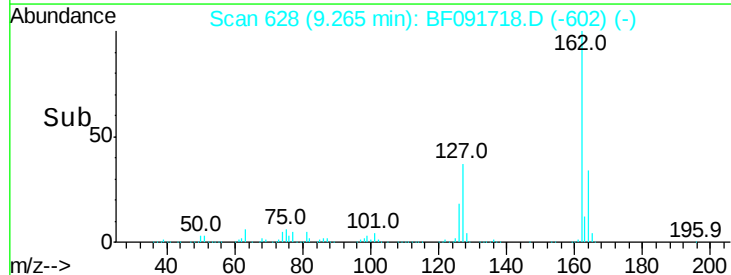
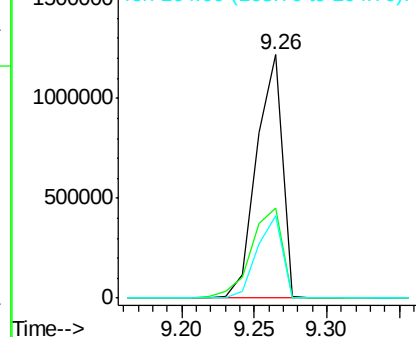


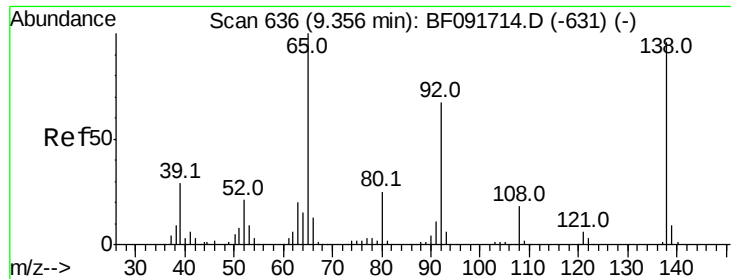
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.7	46.1
164	33.9	27.6	41.4



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





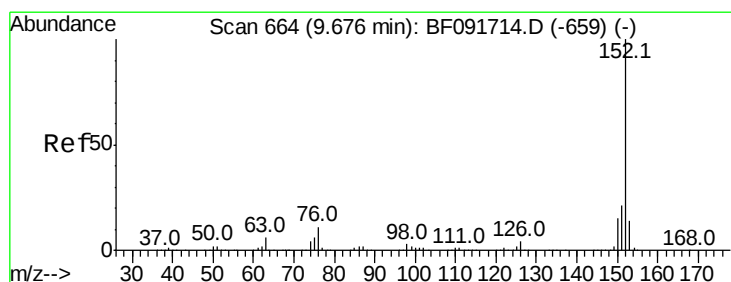
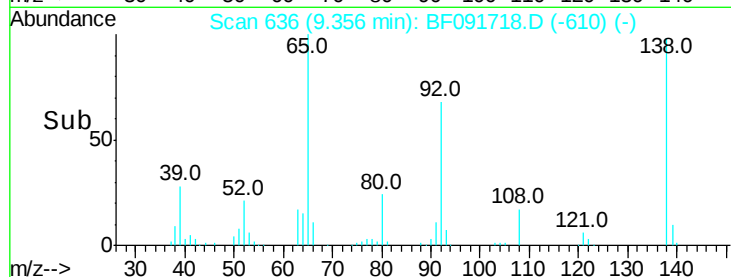
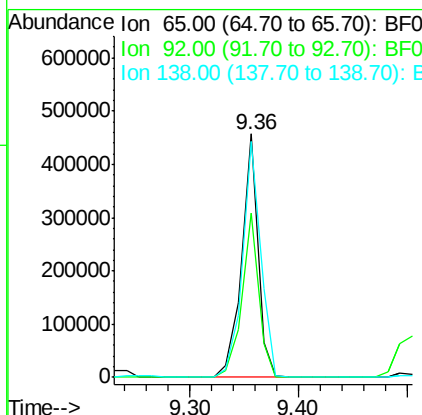
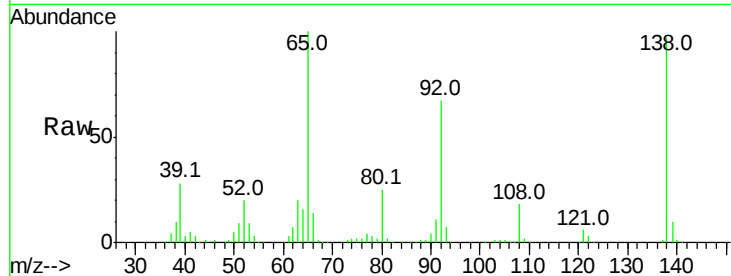
#47
 2-Nitroaniline
 Concen: 35.98 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.9	80.9
138	97.1	76.8	115.2

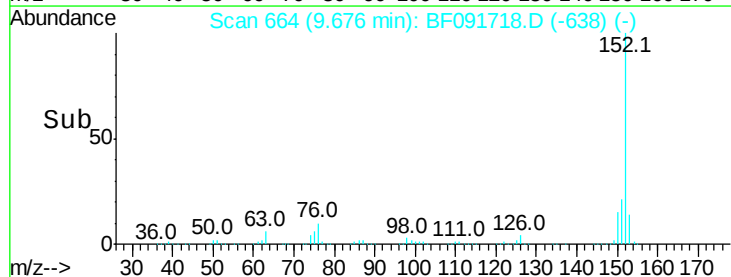
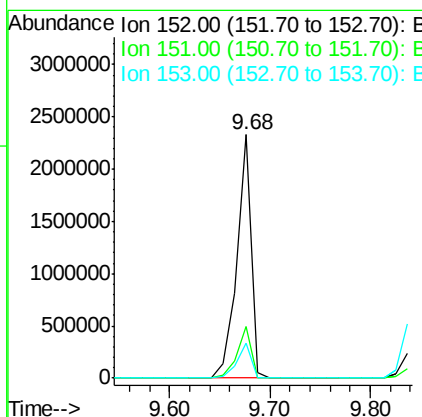
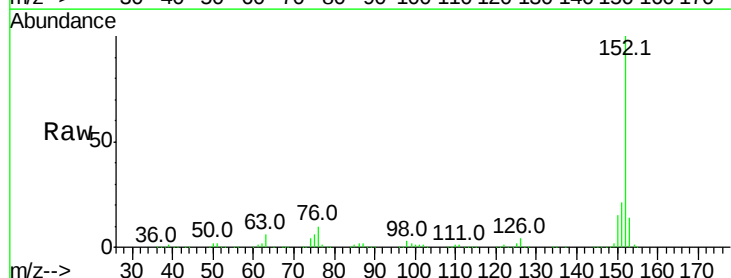
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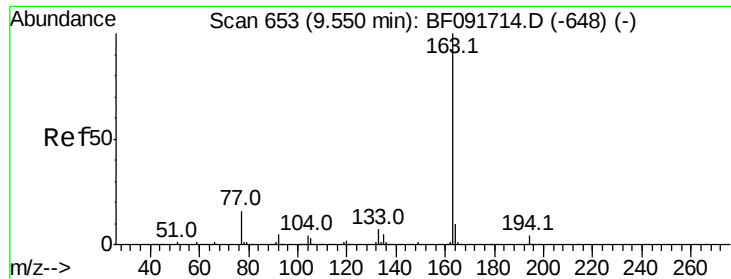
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#48
 Acenaphthylene
 Concen: 38.39 ng
 RT: 9.68 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	14.3	11.4	17.2





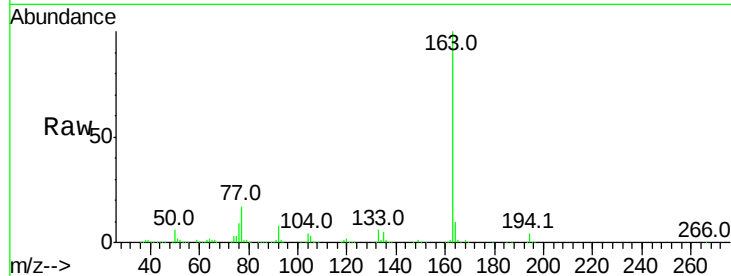
#49
Dimethylphthalate
Concen: 39.33 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

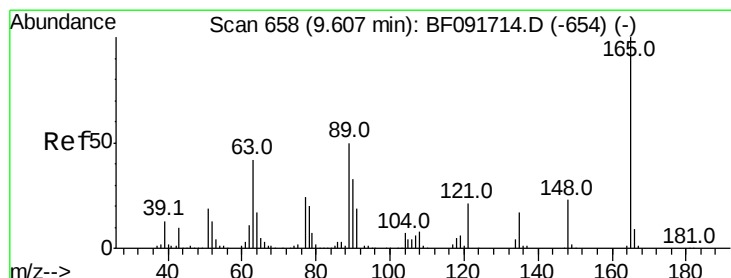
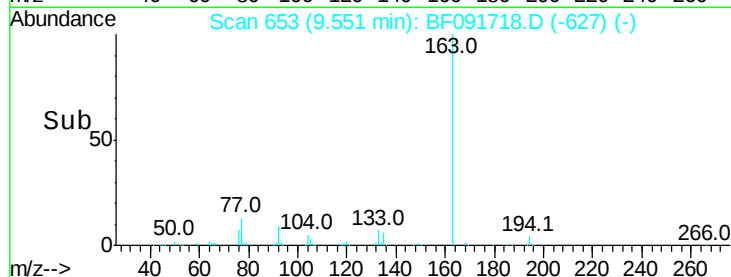
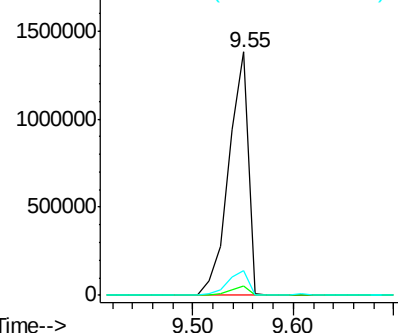
Tot Ion:163 Resp: 1847774
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.9 8.0 12.0

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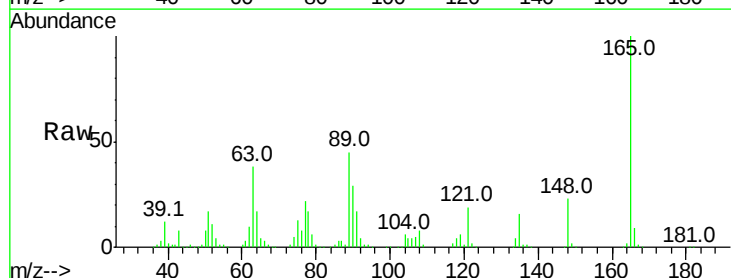


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

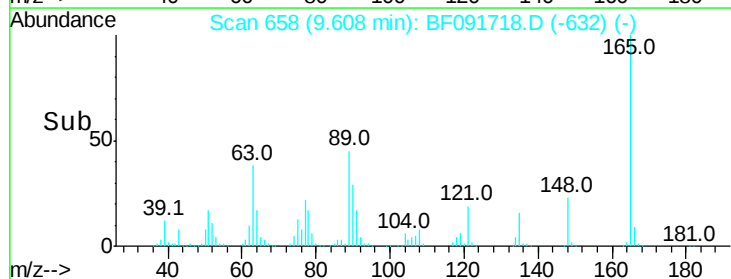
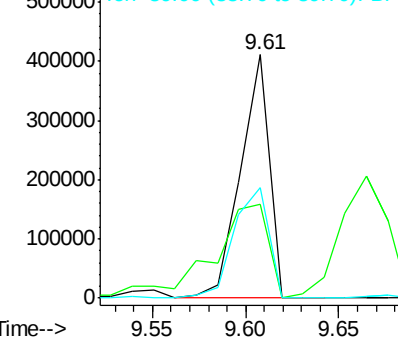


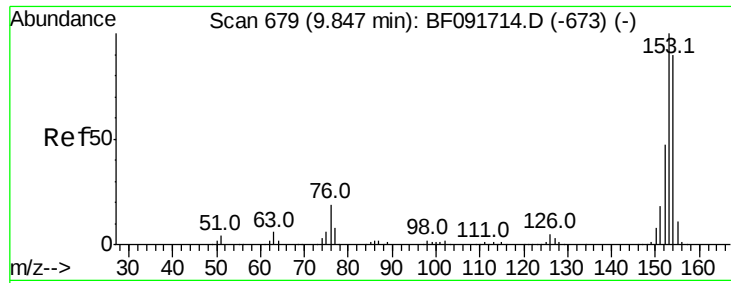
#50
2,6-Dinitrotoluene
Concen: 42.21 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:165 Resp: 434803
Ion Ratio Lower Upper
165 100
63 38.4 36.2 54.4
89 45.3 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: 38.16 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:154 Resp: 1563313

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

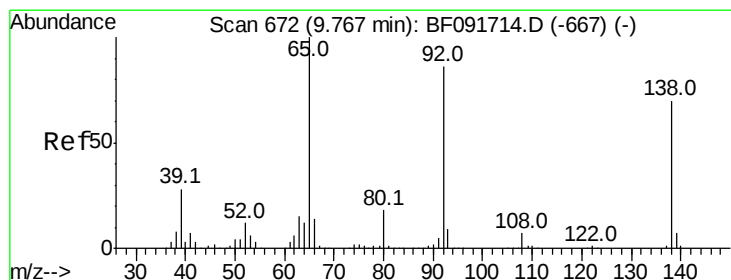
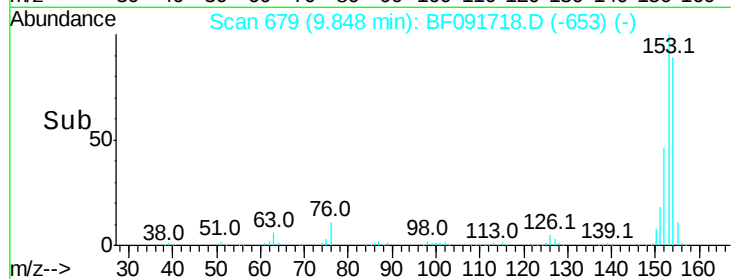
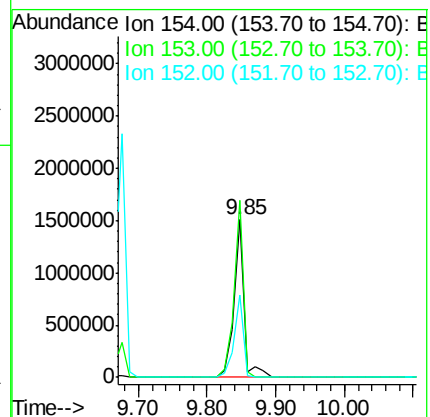
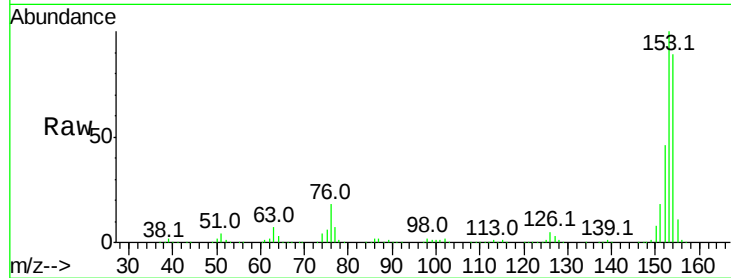
152 51.9 41.6 62.4

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#52

3-Nitroaniline

Concen: 35.10 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

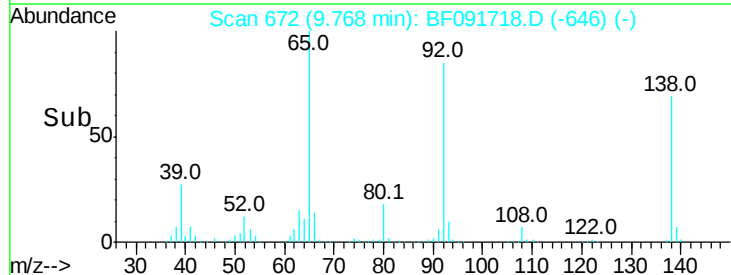
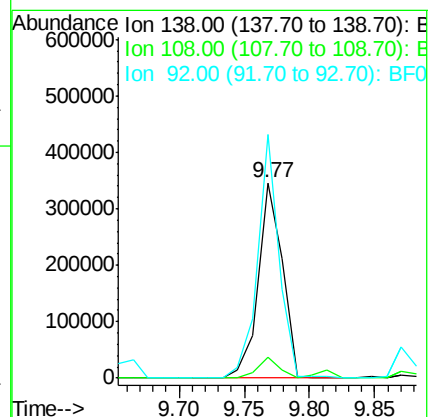
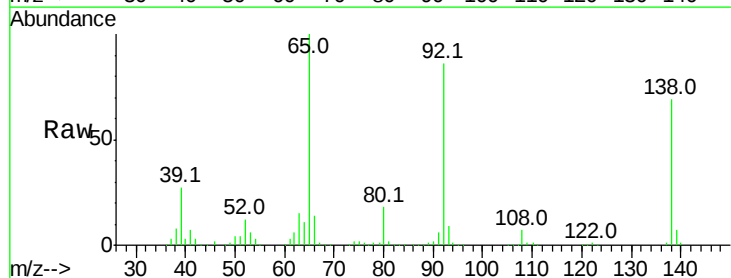
Tgt Ion:138 Resp: 450071

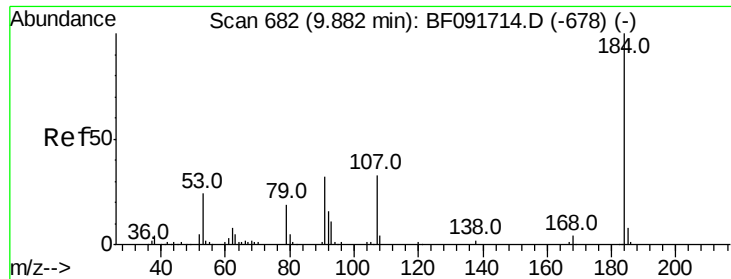
Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

92 124.5 97.8 146.8





#53

2,4-Dinitrophenol

Concen: 39.69 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:184 Resp: 220852
Ion Ratio Lower Upper

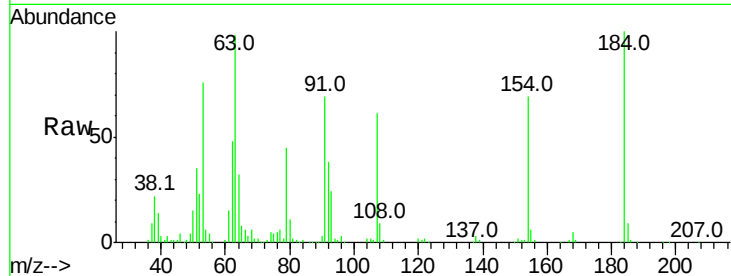
184 100

63 97.5 28.4 42.6#

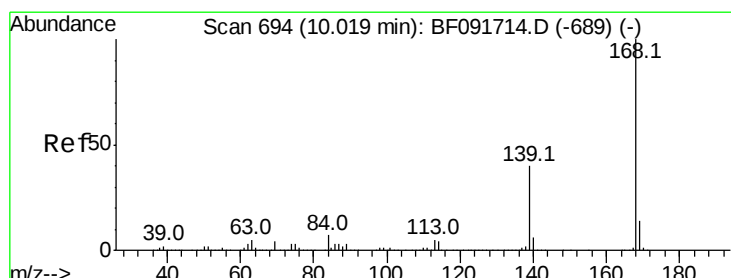
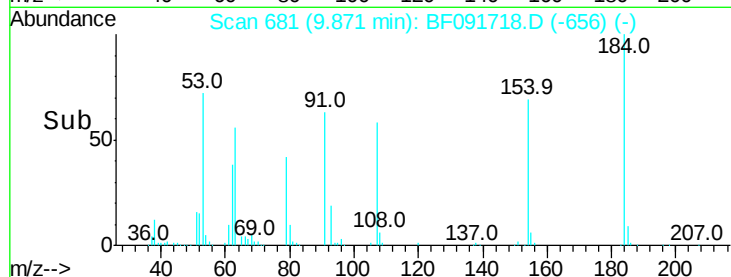
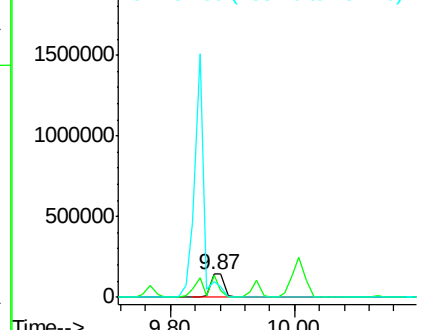
154 69.3 44.3 66.5#

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.91 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF091718.D

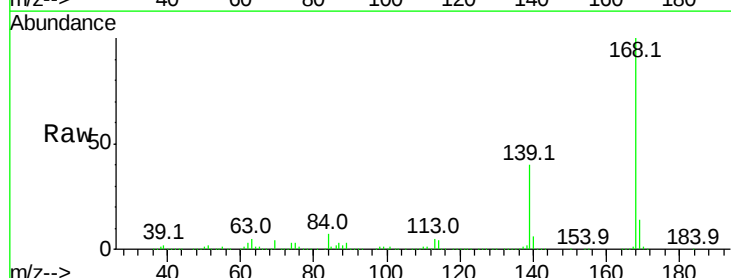
Acq: 17 Dec 2016 16:39

Tgt Ion:168 Resp: 1944109
Ion Ratio Lower Upper

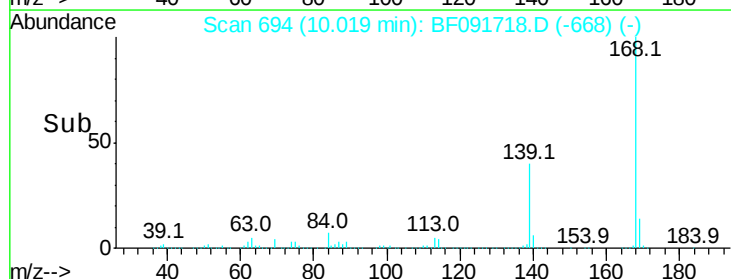
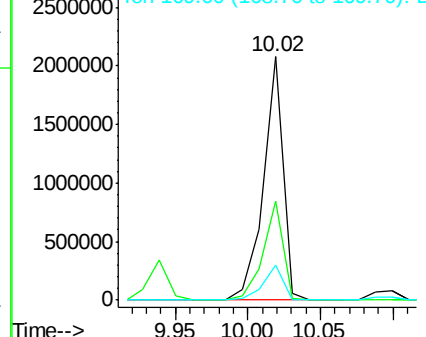
168 100

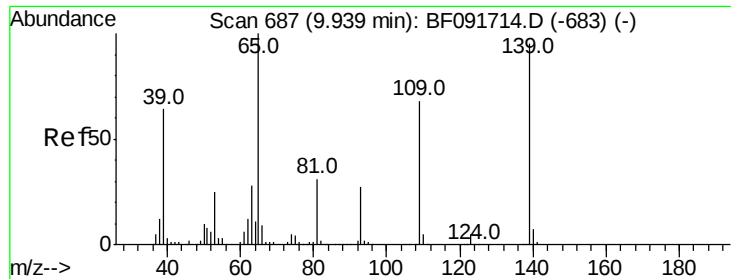
139 40.4 32.6 49.0

169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





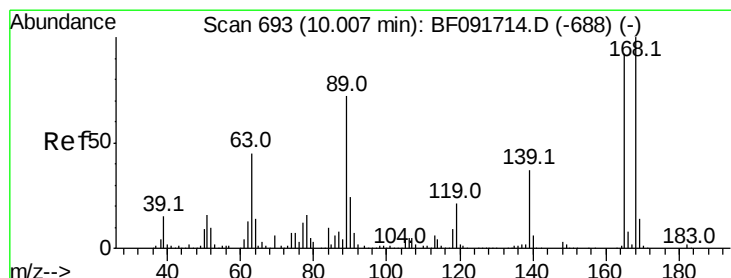
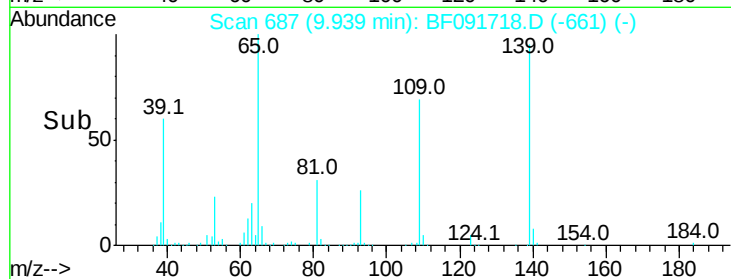
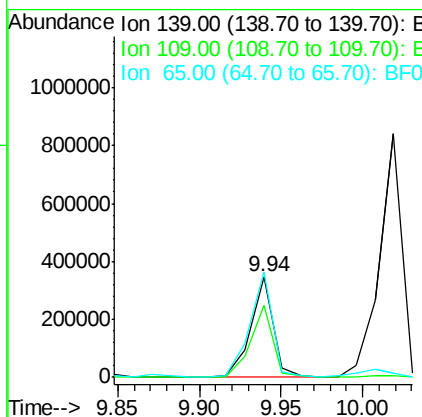
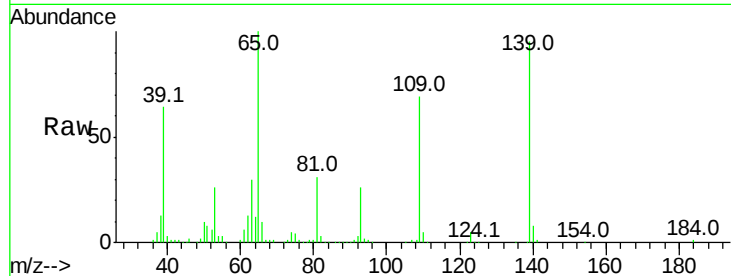
#55
4-Nitrophenol
Concen: 37.90 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.3	52.2	92.2	
65	105.4	85.8	125.8	

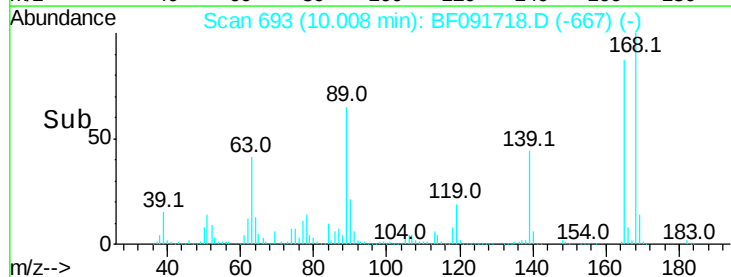
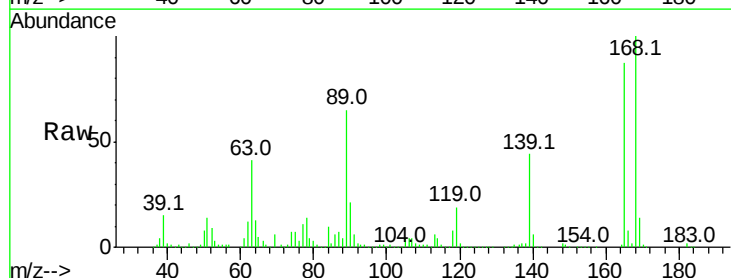
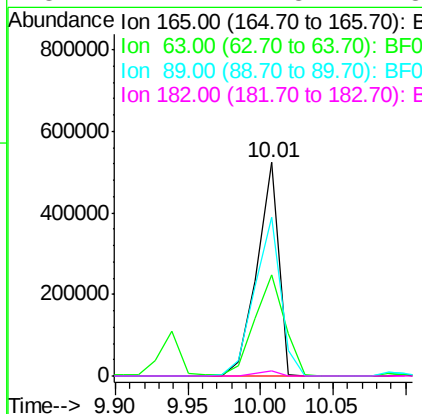
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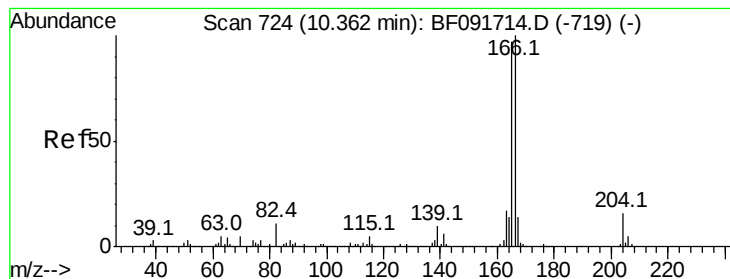
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#56
2,4-Dinitrotoluene
Concen: 42.59 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.6	40.2	60.4	
89	74.4	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 41.30 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:166 Resp: 1562430

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

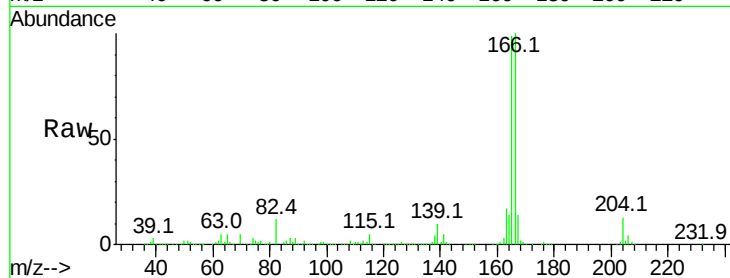
167 13.5 10.8 16.2

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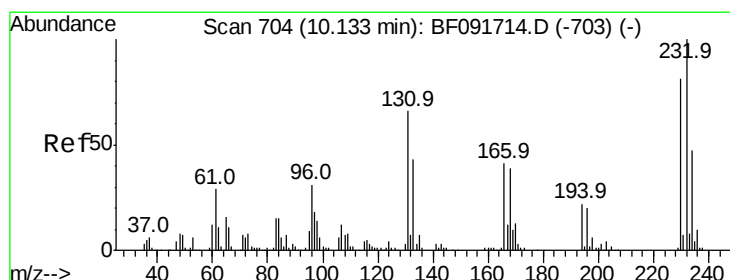
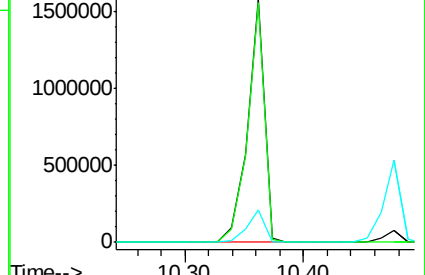
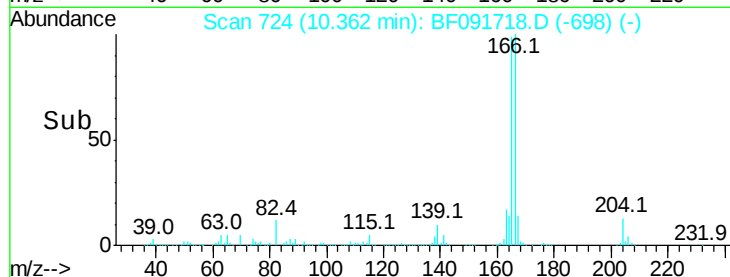
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 37.56 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion:232 Resp: 390685

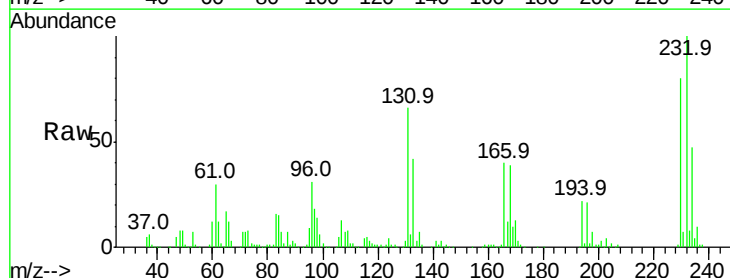
Ion Ratio Lower Upper

232 100

131 49.2 40.1 60.1

130 2.3 1.8 2.8

166 32.4 26.6 39.8

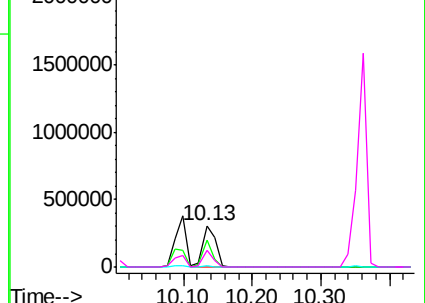
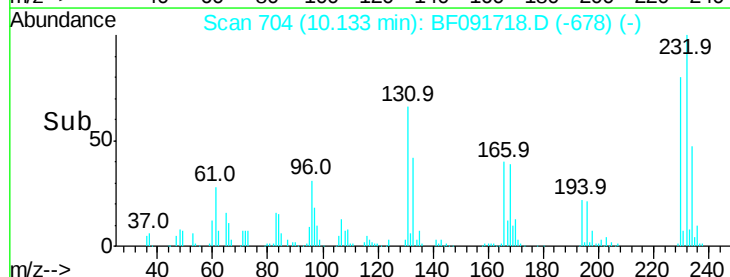


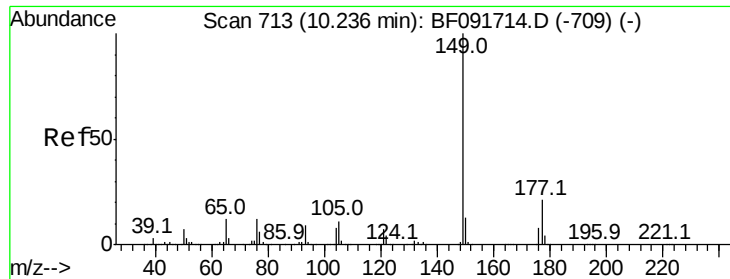
Abundance Ion 232.00 (231.70 to 232.70): E

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





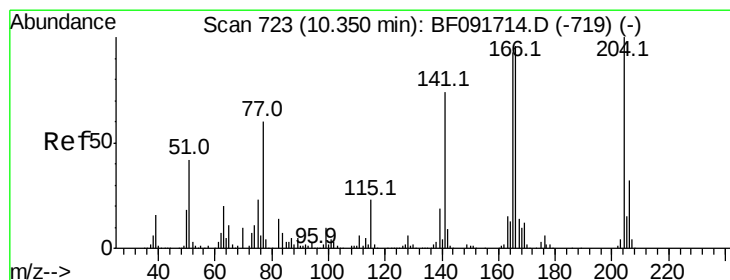
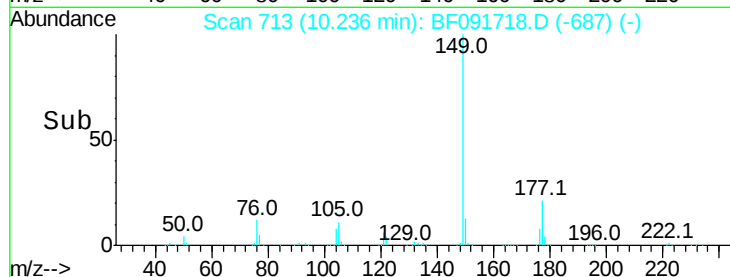
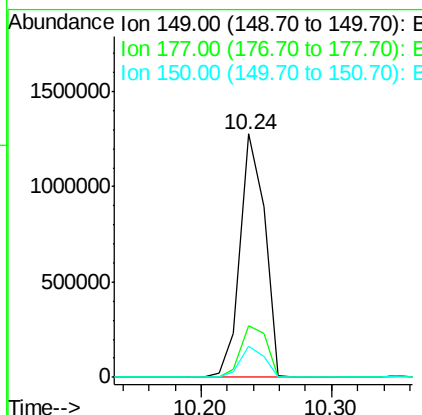
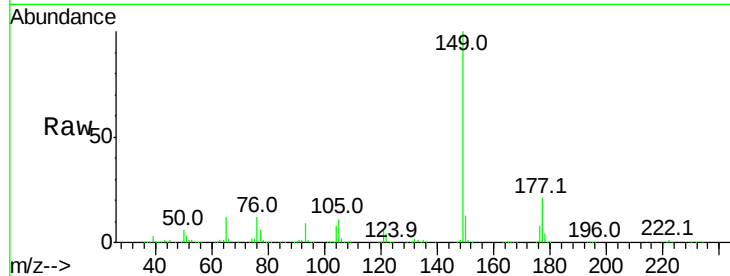
#59
Diethylphthalate
Concen: 36.20 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion:149 Resp: 1671671
Ion Ratio Lower Upper
149 100
177 21.1 16.6 25.0
150 12.9 10.4 15.6

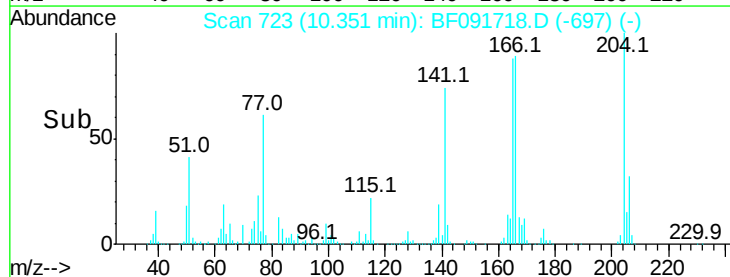
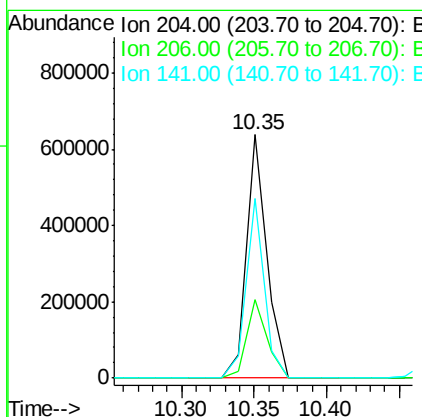
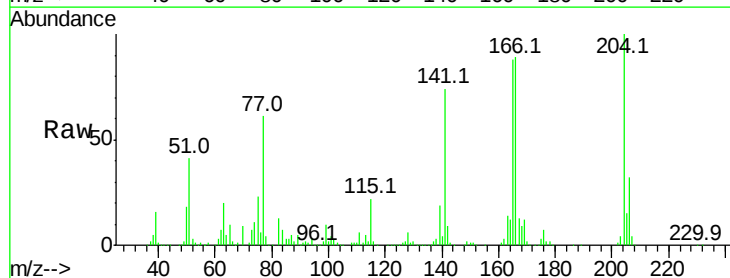
Manual Integrations
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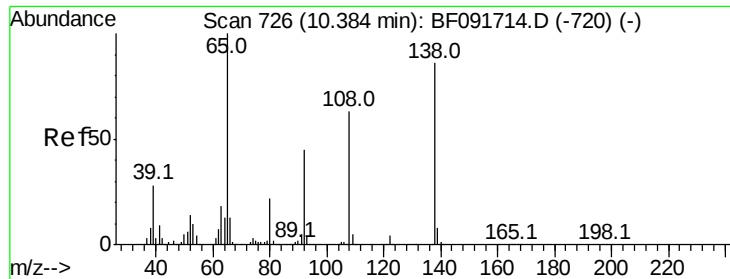
umangi
12/20/2016 11:40:24 AM



#60
4-Chlorophenyl-phenylether
Concen: 35.97 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:204 Resp: 619847
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 73.8 59.4 89.0





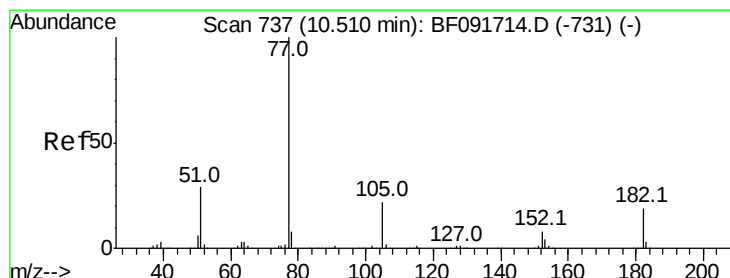
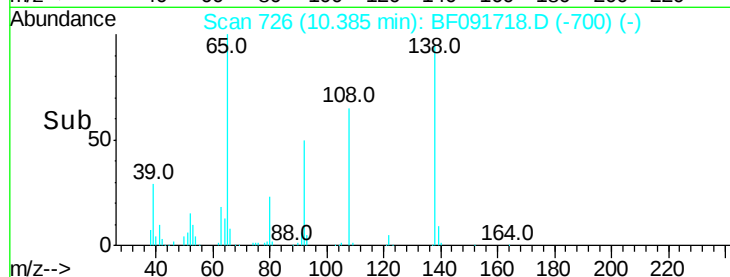
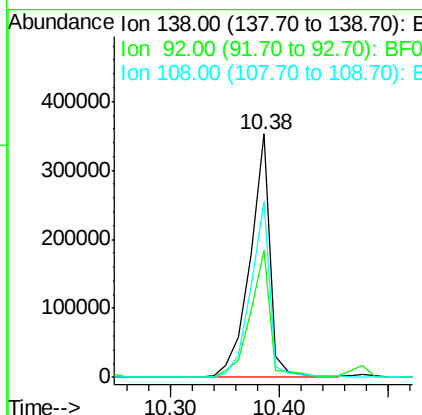
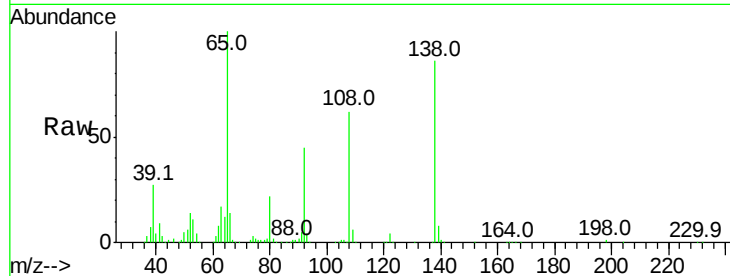
#61
4-Nitroaniline
Concen: 37.14 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	72.3	52.6	92.6

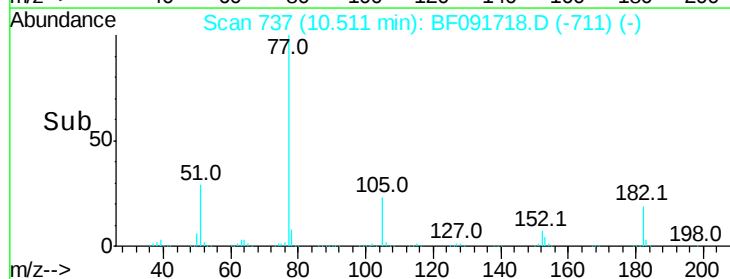
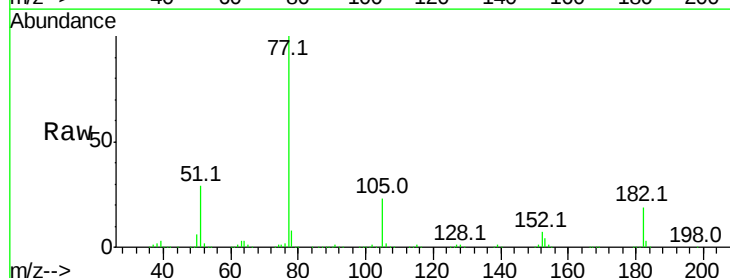
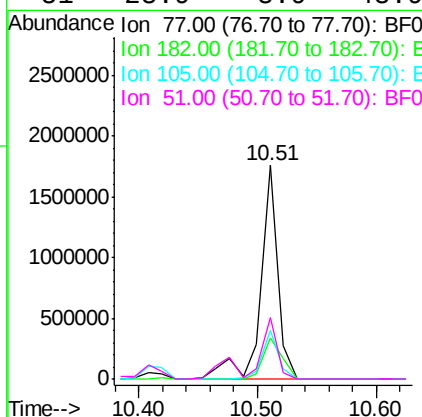
Manual Integrations
APPROVED

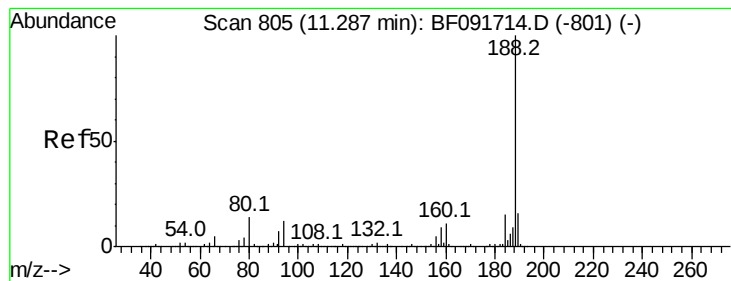
umangi
12/20/2016 11:40:24 AM



#62
Azobenzene
Concen: 36.30 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	0.0	39.3
105	22.7	2.3	42.3
51	28.9	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:188 Resp: 1132299

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

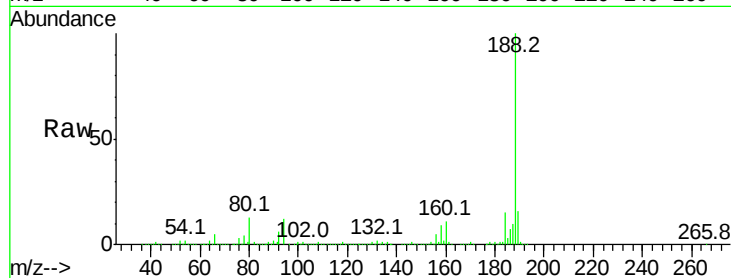
80 13.2 11.2 16.8

Manual Integrations

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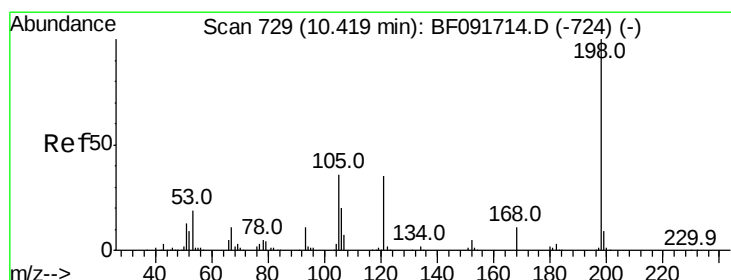
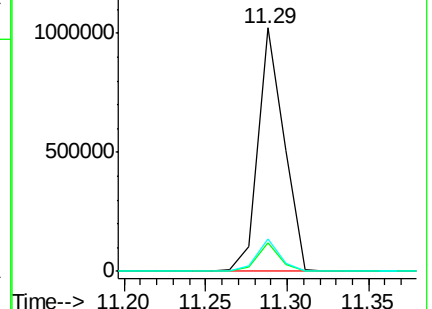
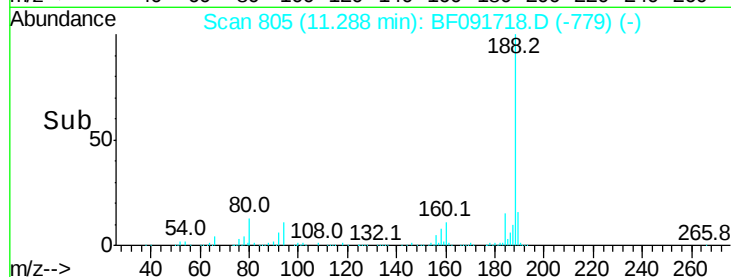
12/20/2016 11:40:24 AM



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: 44.48 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

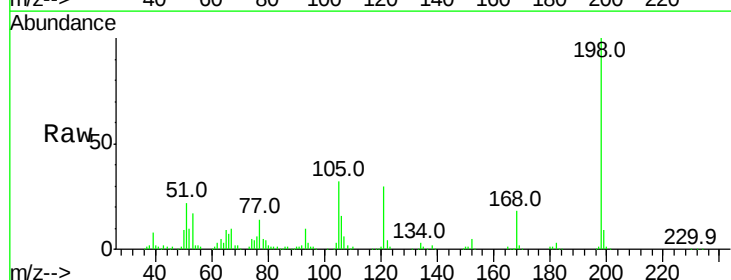
Tgt Ion:198 Resp: 332179

Ion Ratio Lower Upper

198 100

51 22.1 6.7 46.7

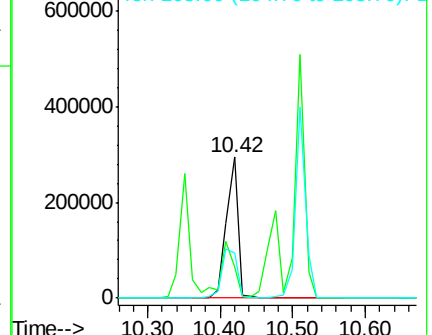
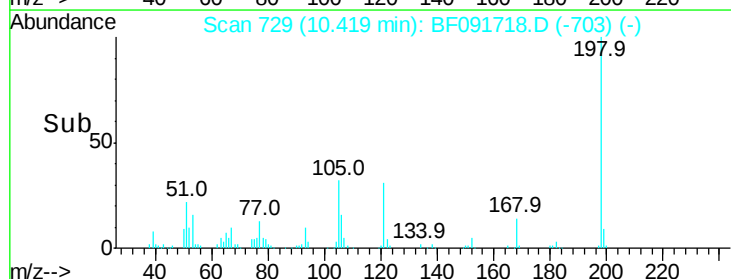
105 32.0 16.6 56.6

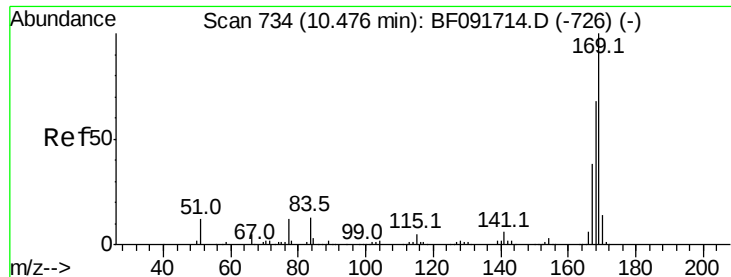


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.90 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:169 Resp: 1402999

Ion Ratio Lower Upper

169 100

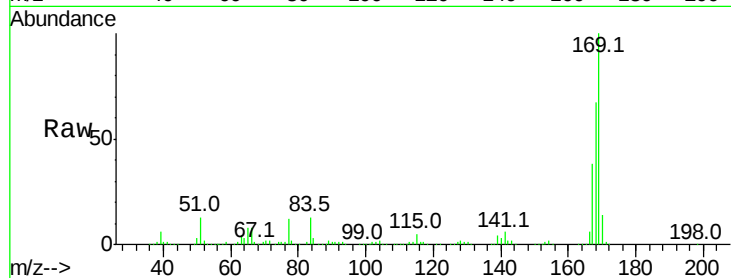
168 67.0 54.2 81.2

167 37.8 30.2 45.4

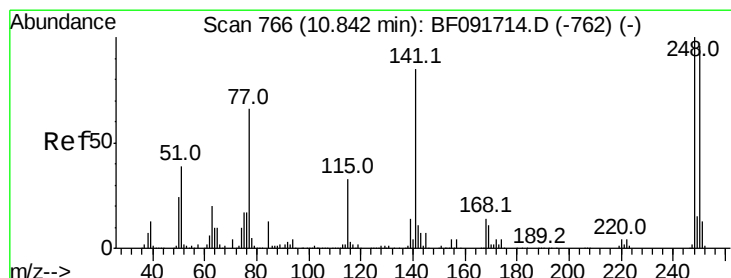
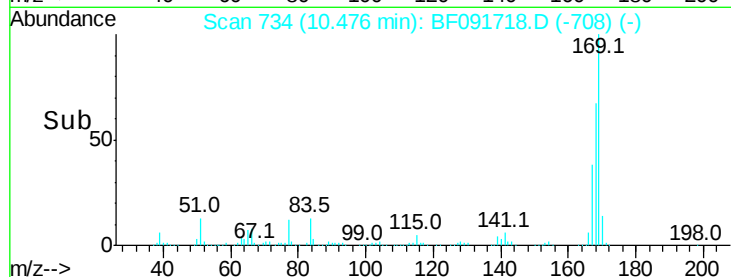
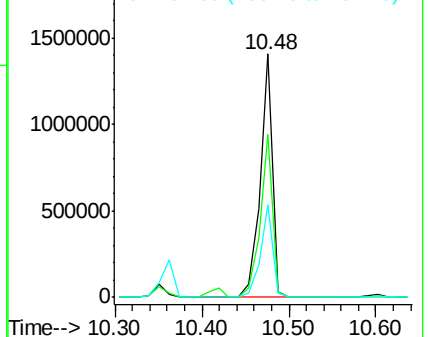
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.25 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

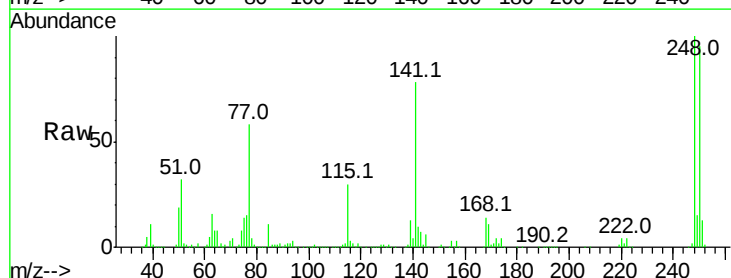
Tgt Ion:248 Resp: 466031

Ion Ratio Lower Upper

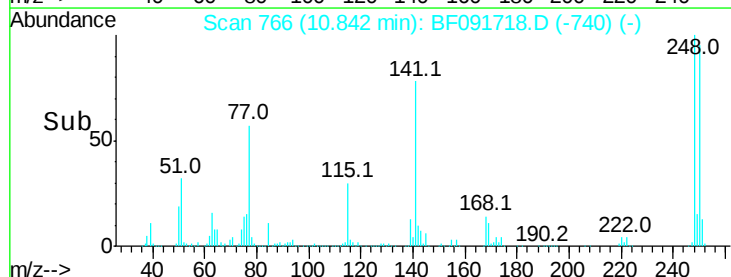
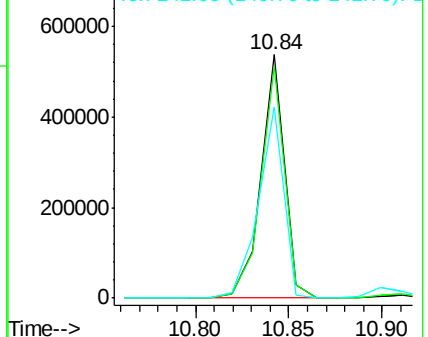
248 100

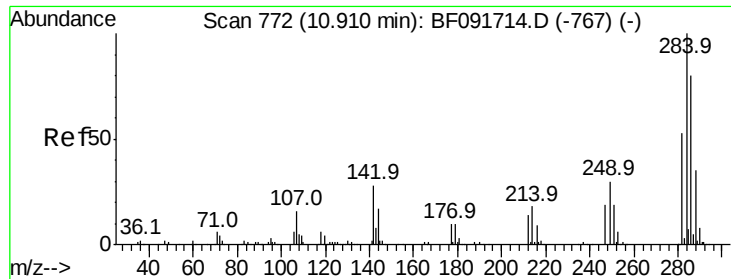
250 95.4 76.9 115.3

141 78.4 68.2 102.4



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





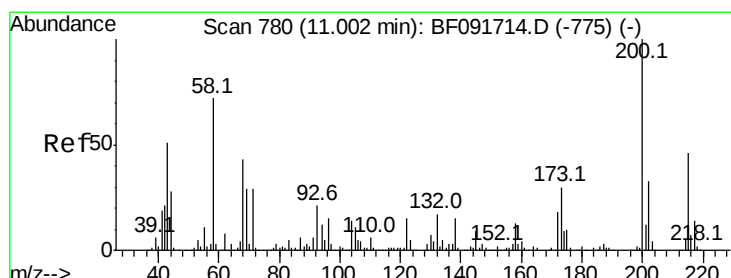
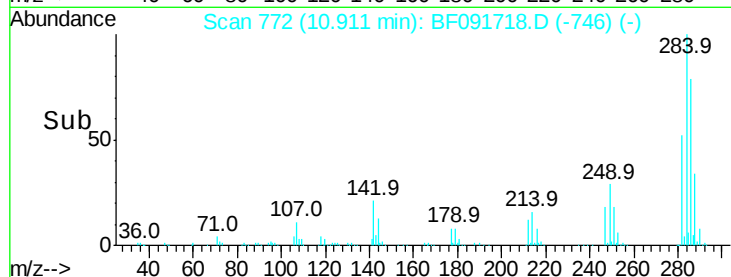
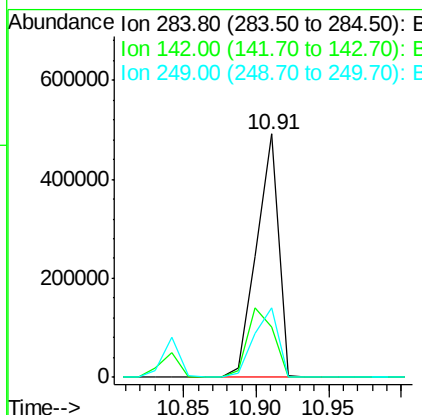
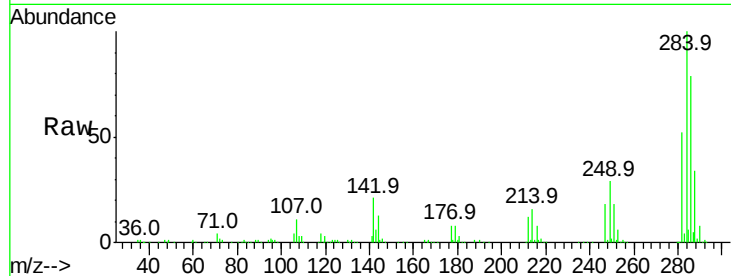
#67
Hexachlorobenzene
Concen: 41.85 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Resp	Lower	Upper
284	100	520749		
142	20.9		22.6	33.8#
249	28.8		25.4	38.0

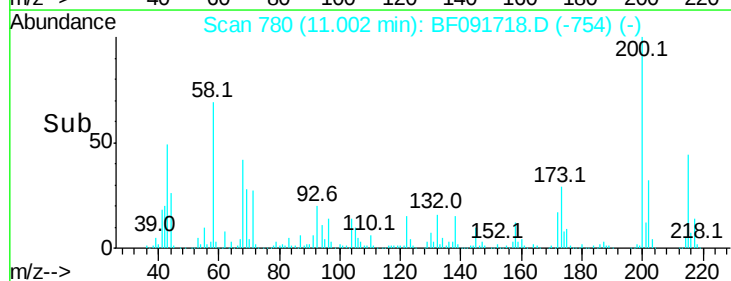
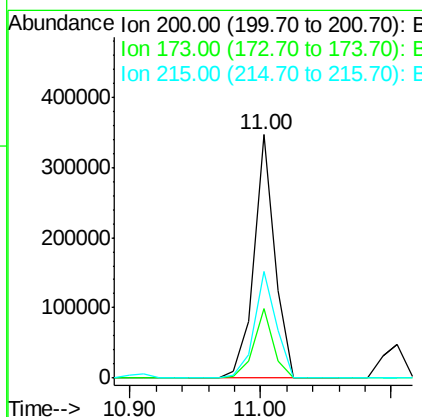
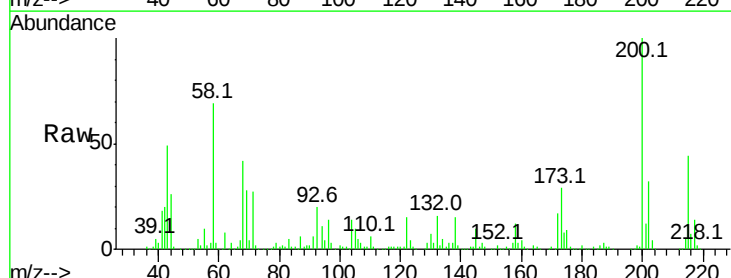
Manual Integrations
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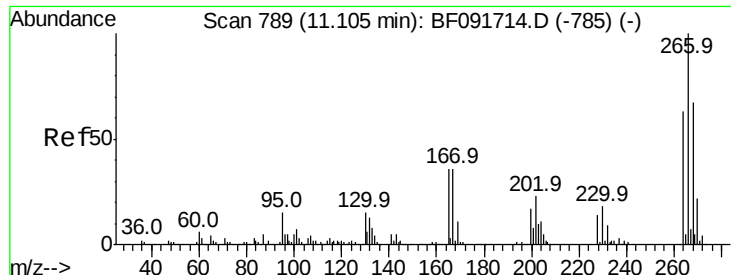
umangi
12/20/2016 11:40:24 AM



#68
Atrazine
Concen: 36.43 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	387140		
173	28.7		9.6	49.6
215	44.0		25.7	65.7





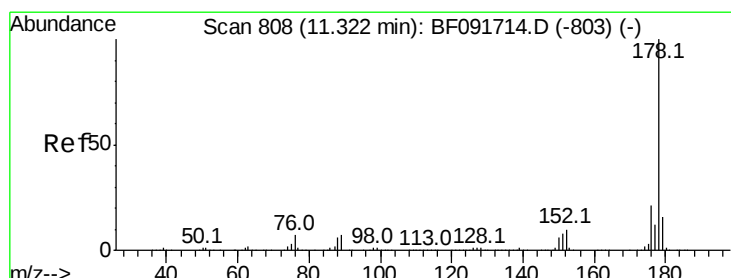
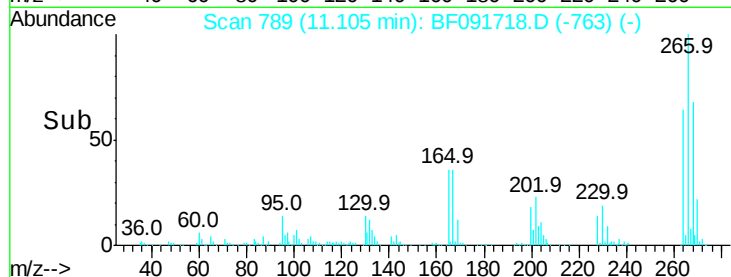
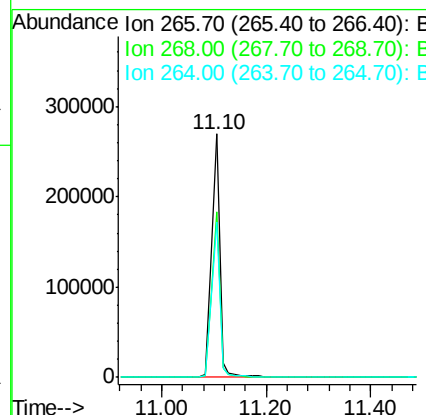
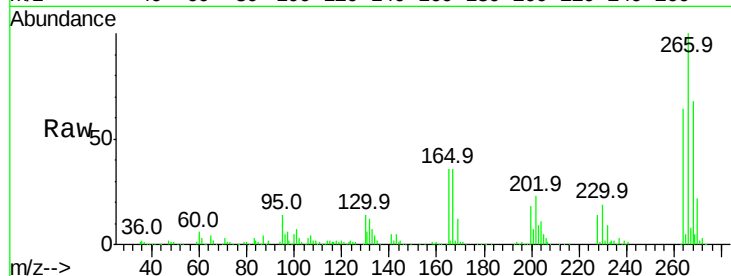
#69
 Pentachlorophenol
 Concen: 43.82 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tot Ion	Ratio	Resp	Lower	Upper
266	100	294199		
268	67.8	53.3	79.9	
264	63.5	50.3	75.5	

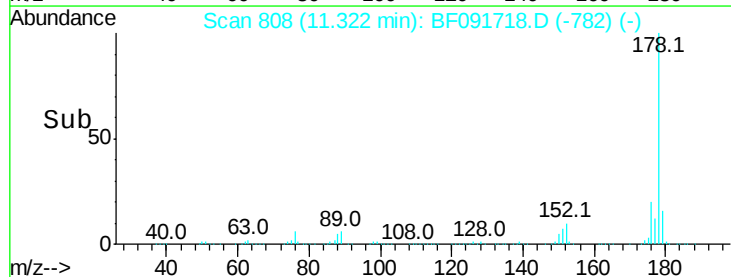
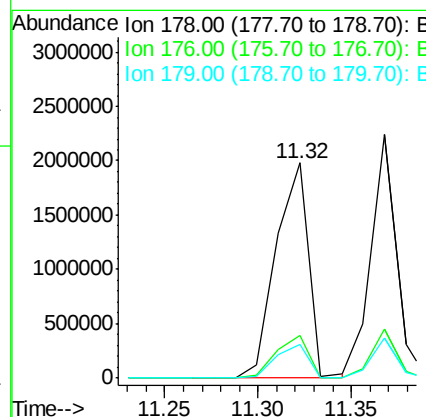
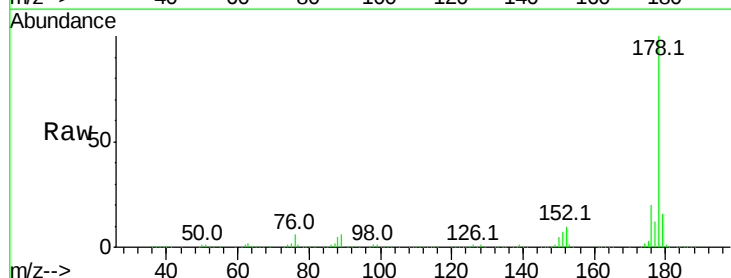
Manual Integrations
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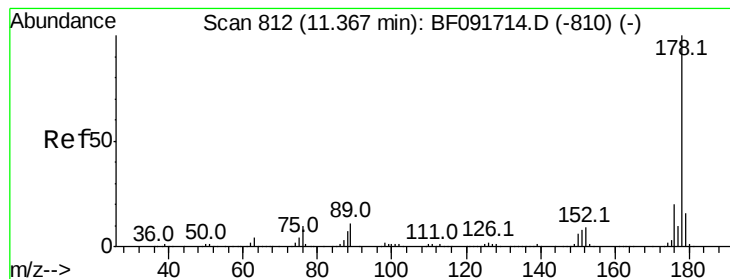
umangi
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#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2389576		
176	20.0	16.6	25.0	
179	15.7	12.8	19.2	





#71

Anthracene

Concen: 35.04 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:178 Resp: 2099623

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

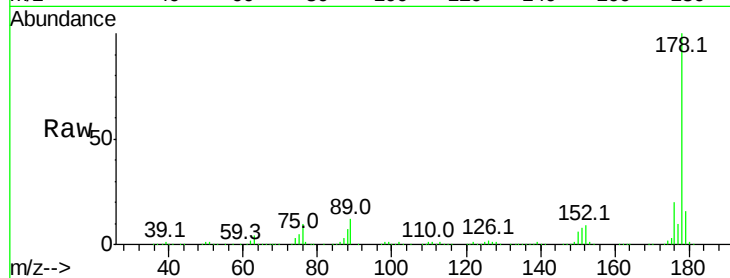
179 16.5 13.2 19.8

Manual Integrations

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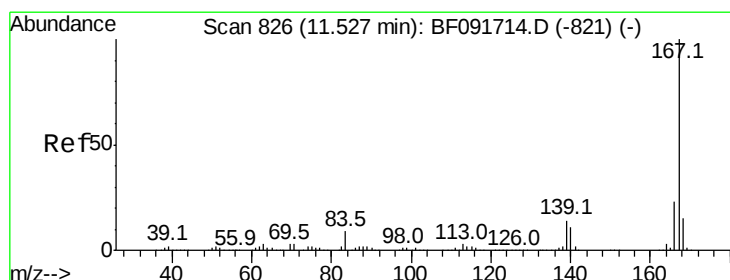
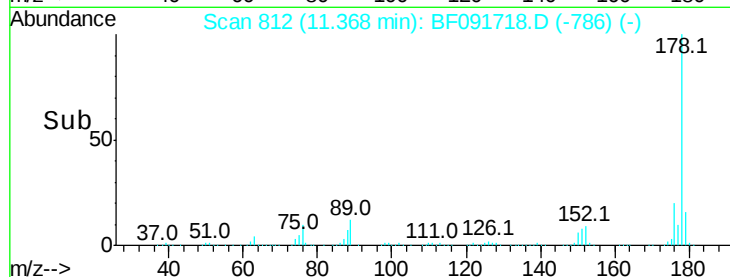
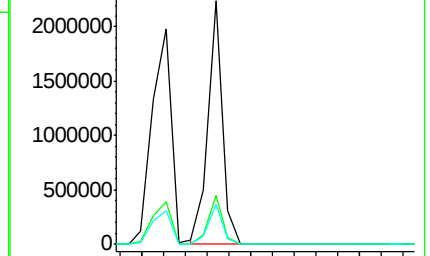
12/20/2016 11:40:24 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.62 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

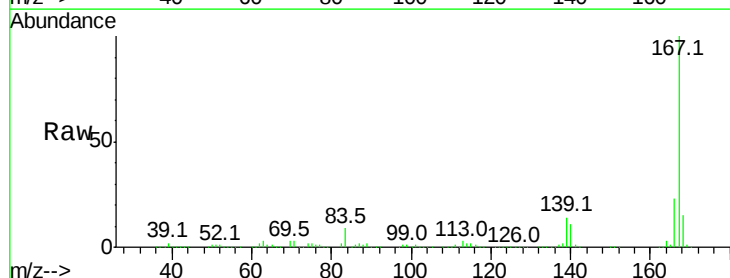
Tgt Ion:167 Resp: 2180750

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

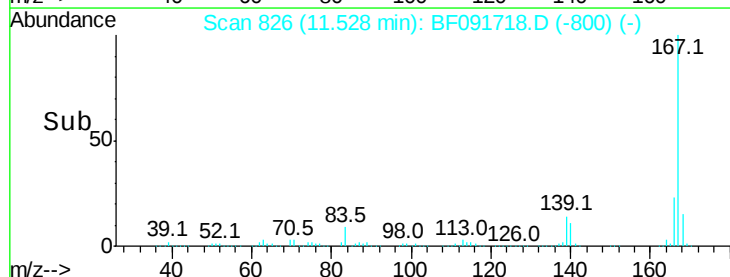
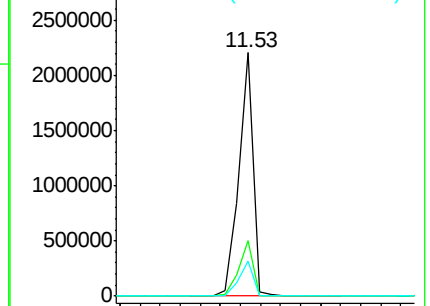
139 14.2 11.4 17.2

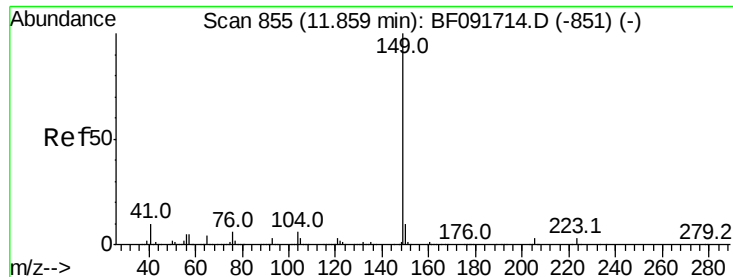


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.50 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:149 Resp: 2519098

Ion Ratio Lower Upper

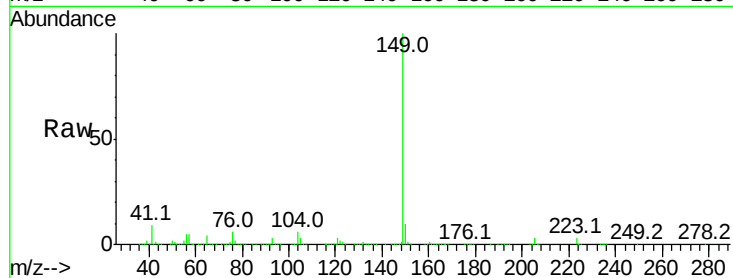
149 100

150 9.9 8.1 12.1

104 5.8 4.6 7.0

Manual Integrations
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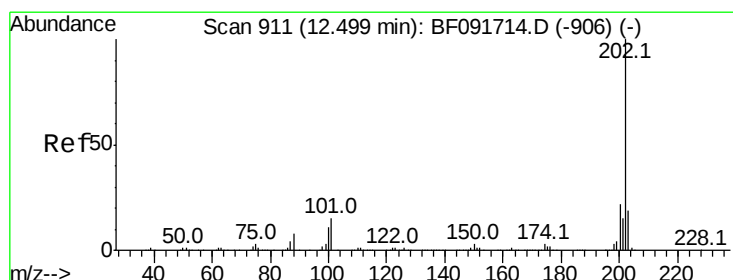
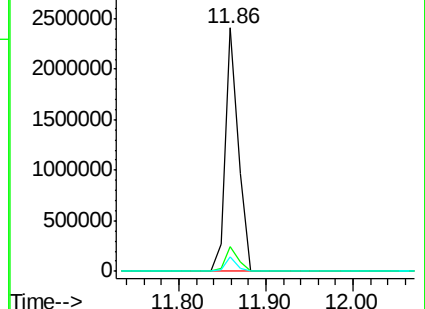
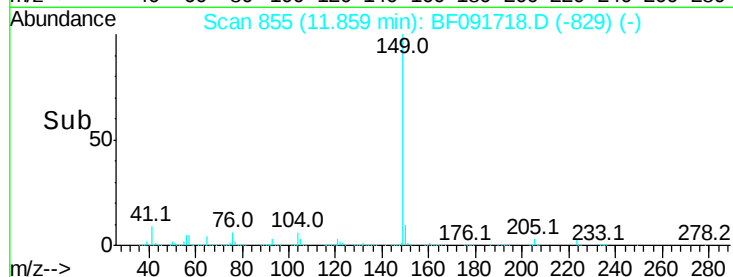
umangi
12/20/2016 11:40:24 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.02 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

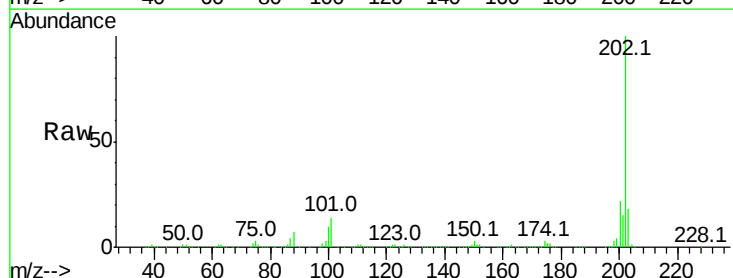
Tgt Ion:202 Resp: 2187374

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

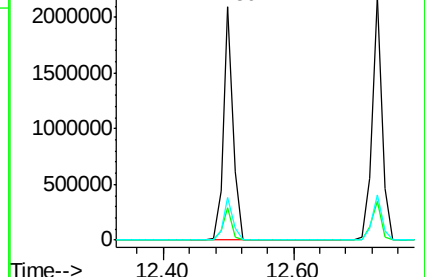
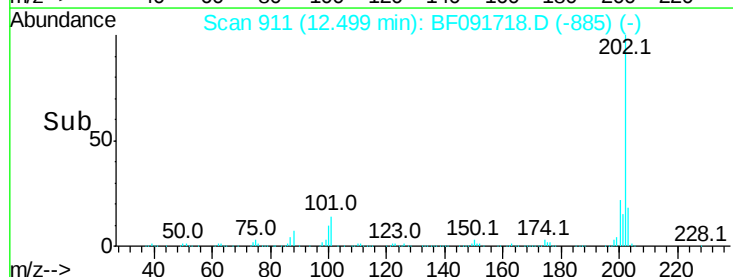
203 18.3 0.0 38.7

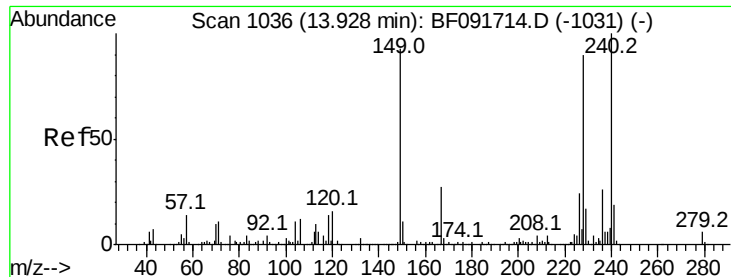


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

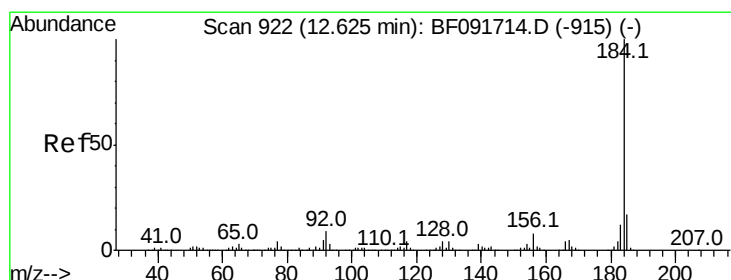
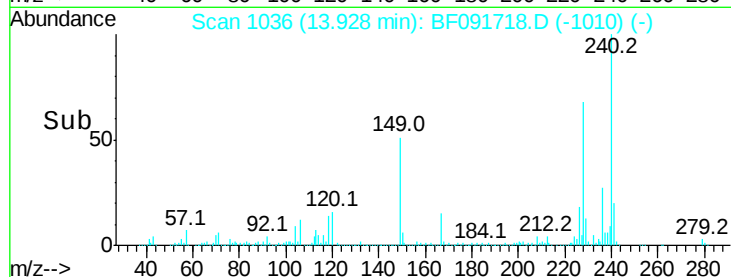
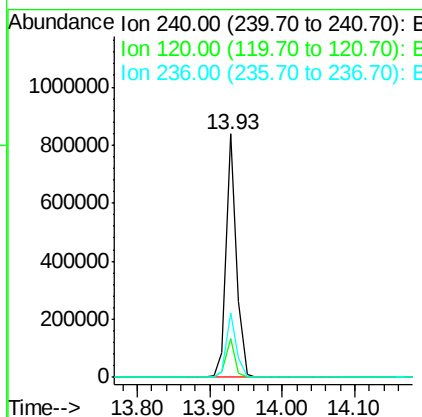
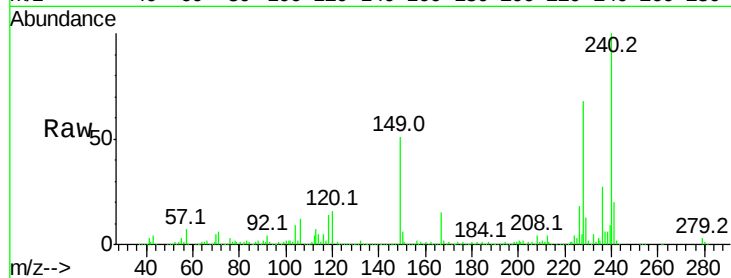
ClientSampleId :

ICVBF121716

Tot Ion:	240	Resp:	831331
Ion Ratio	Lower	Upper	
240	100		
120	15.7	12.9	19.3
236	26.6	20.9	31.3

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#76

Benzidine

Concen: 39.58 ng

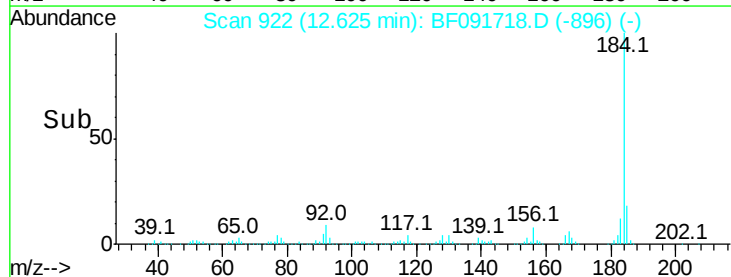
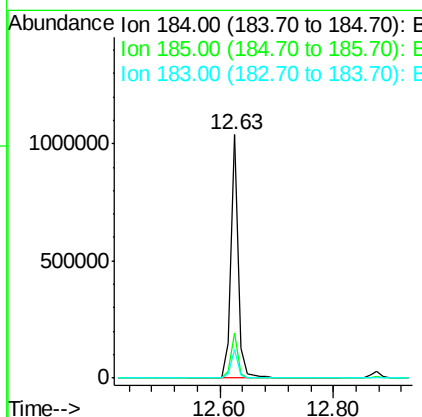
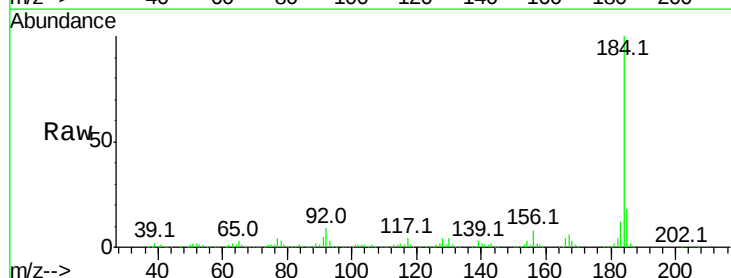
RT: 12.63 min Scan# 922

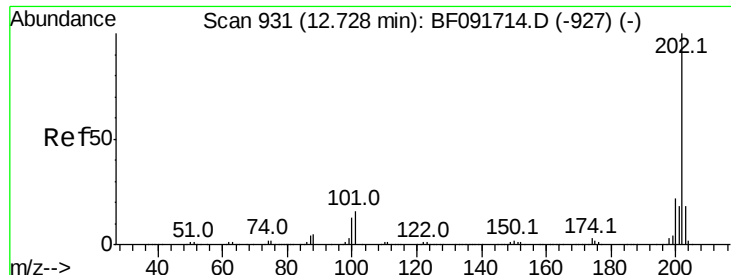
Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion:	184	Resp:	947130
Ion Ratio	Lower	Upper	
184	100		
185	18.5	13.4	20.0
183	11.6	9.2	13.8





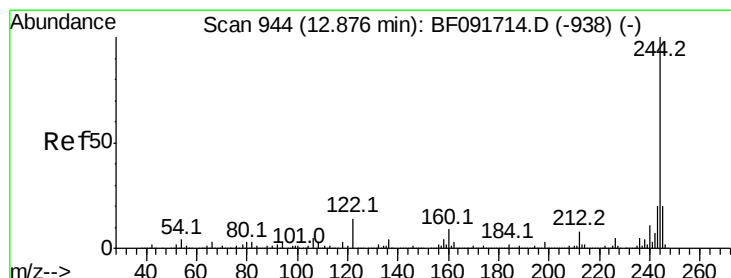
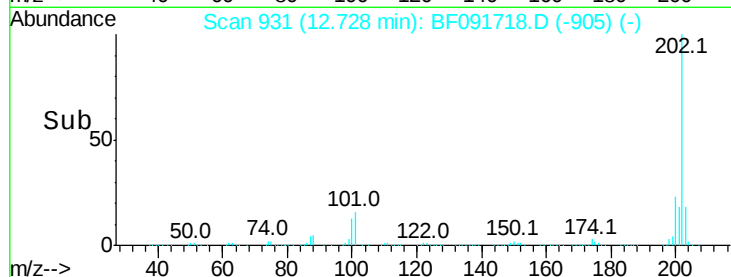
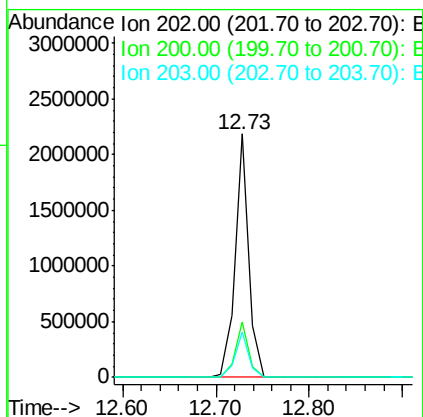
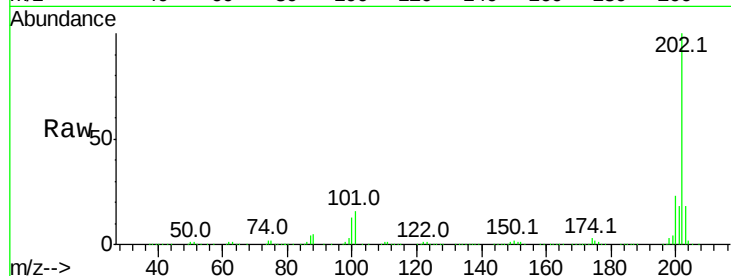
#77
Pvrene
Concen: 37.14 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.4	14.7	22.1

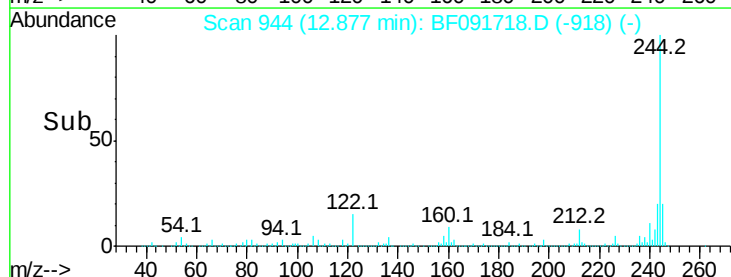
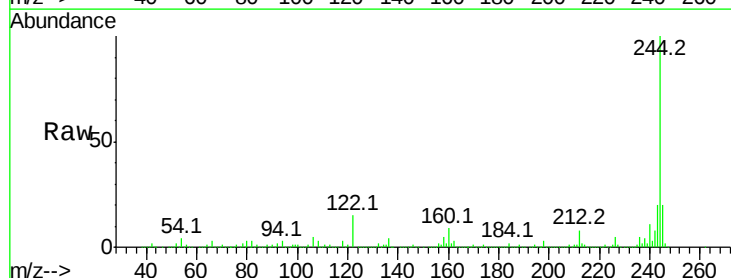
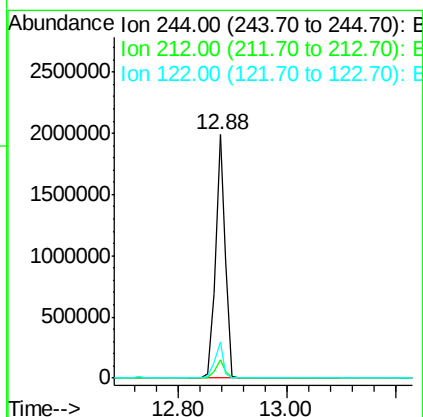
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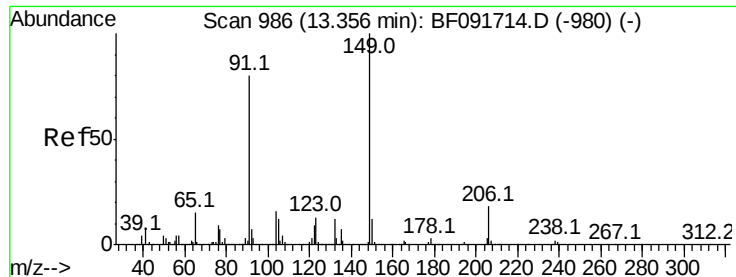
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#78
Terphenyl-d14
Concen: 77.44 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.7	11.4	17.2





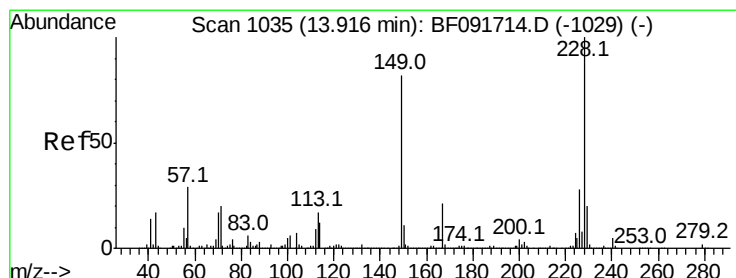
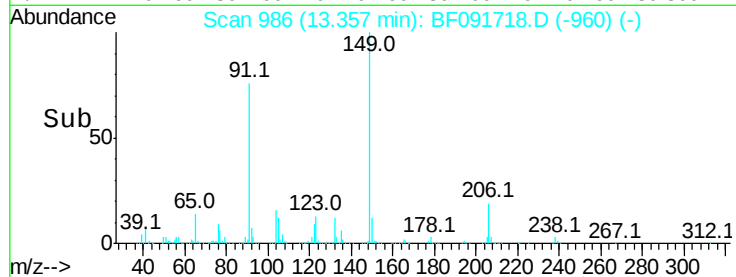
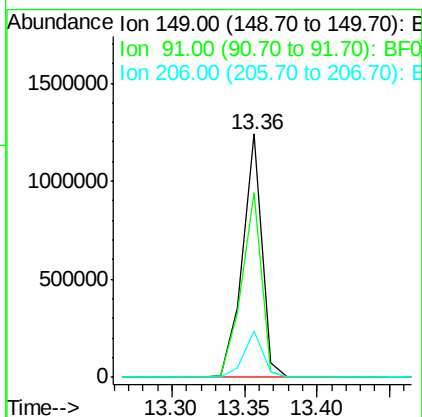
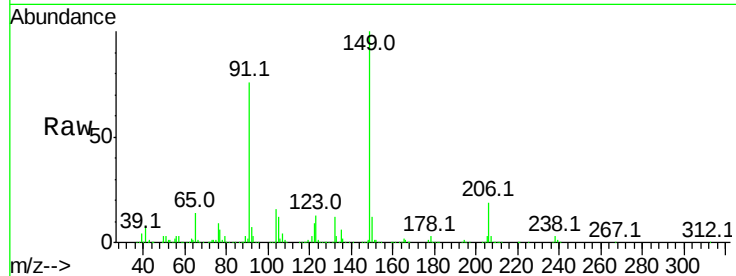
#79
Butylbenzylphthalate
Concen: 41.07 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.1	63.9	95.9
206	19.0	14.6	21.8

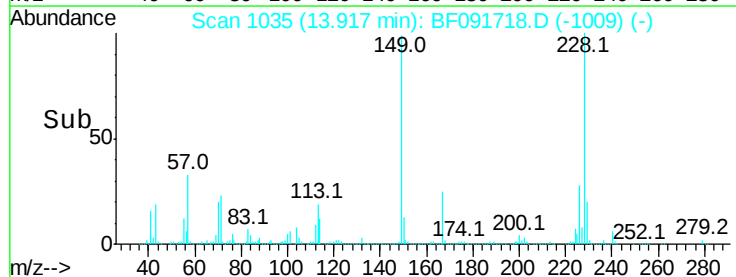
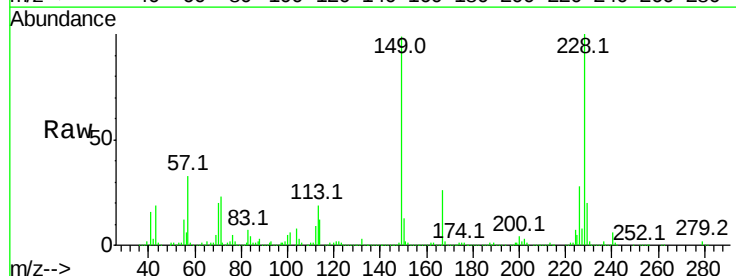
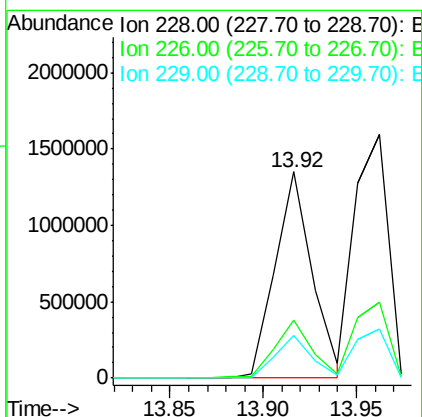
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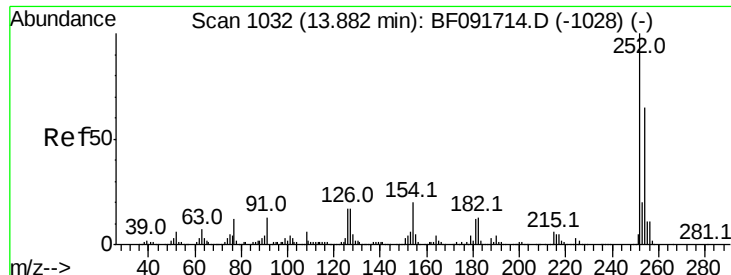
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#80
Benzo(a)anthracene
Concen: 39.23 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.4	16.2	24.4





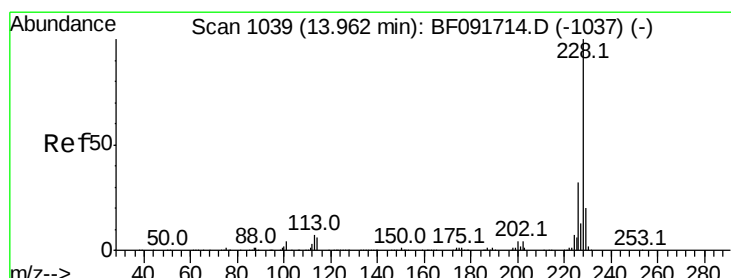
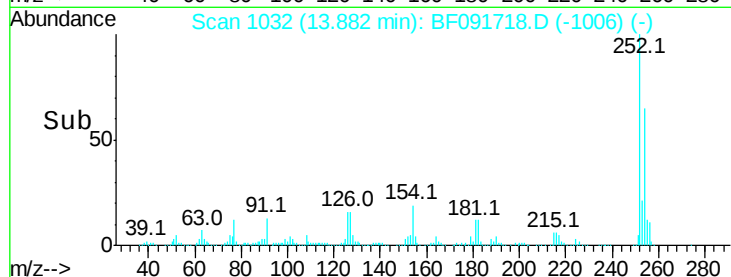
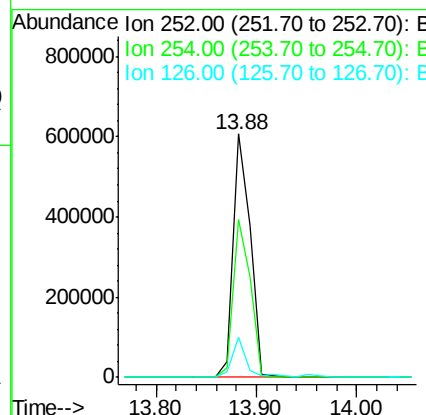
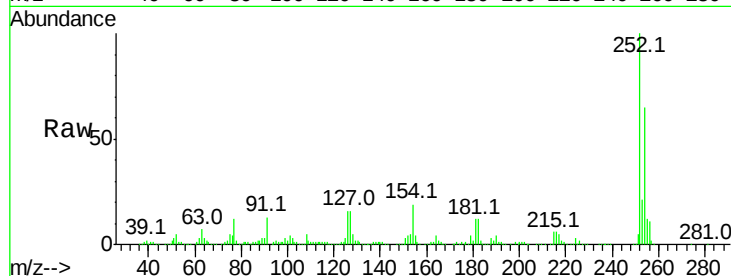
#81
 3,3'-Dichlorobenzidine
 Concen: 37.64 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	16.3	13.6	20.4

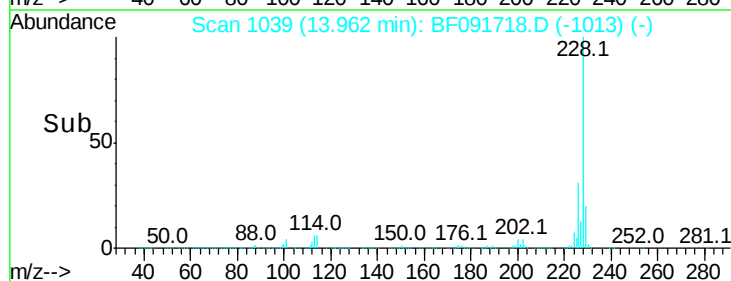
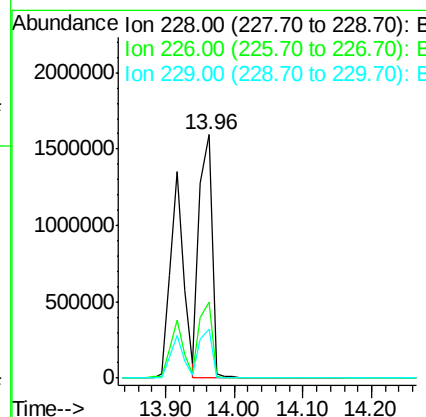
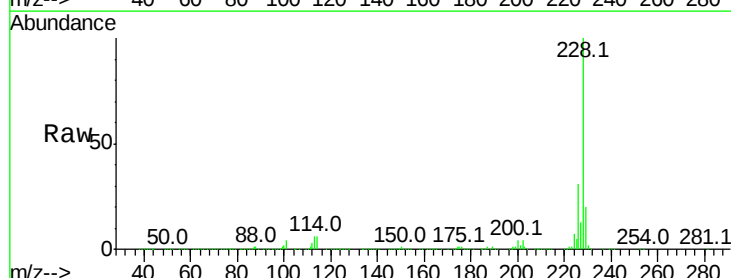
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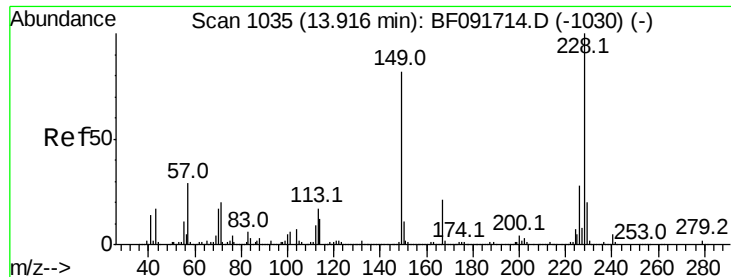
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#82
 Chrysene
 Concen: 40.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

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





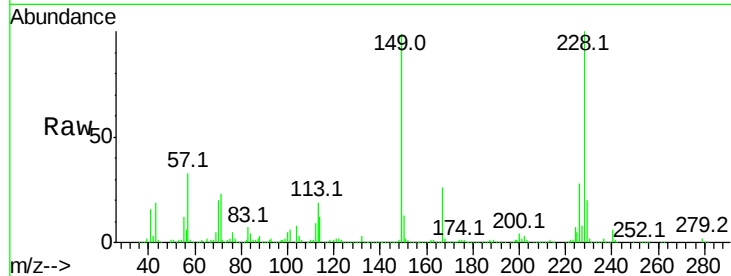
#83
Bis(2-ethylhexyl)phthalate
Concen: 37.41 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

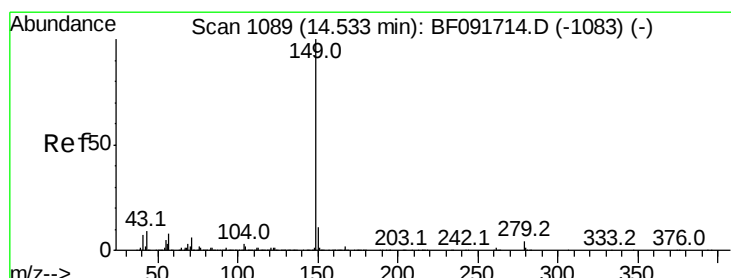
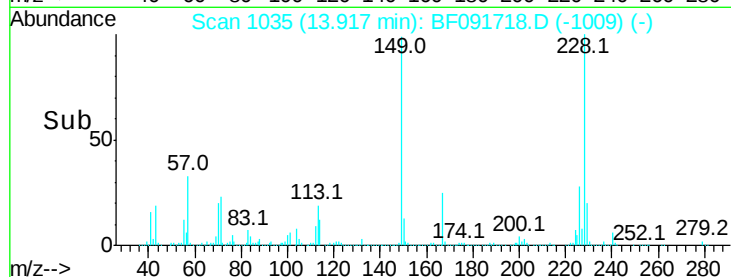
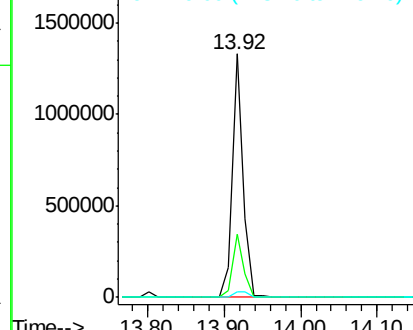
Tot Ion:149 Resp: 1333259
Ion Ratio Lower Upper
149 100
167 25.9 20.2 30.4
279 2.5 1.8 2.8

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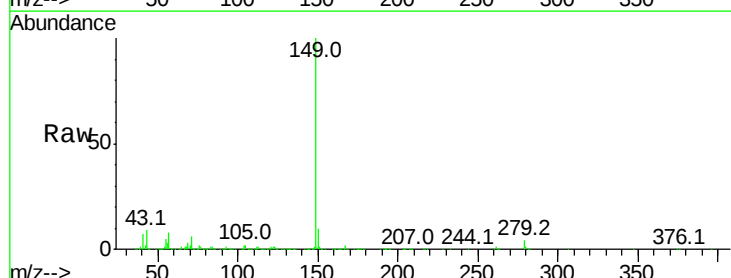


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

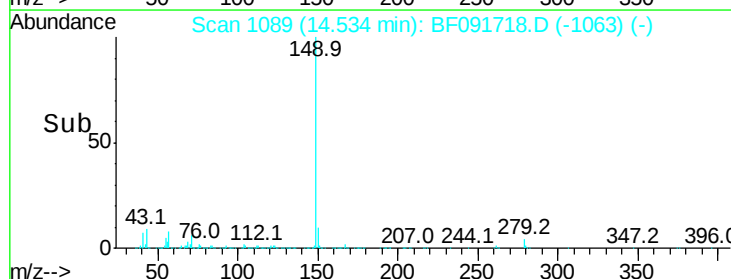
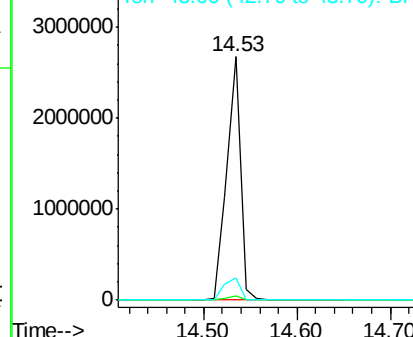


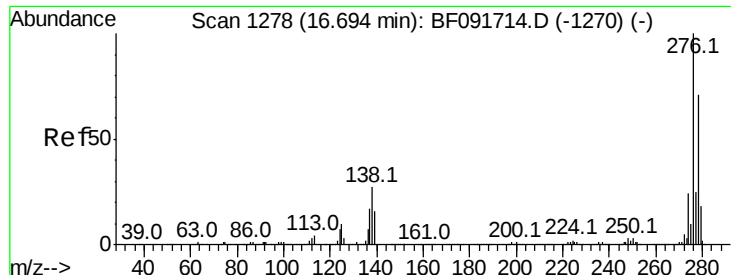
#84
Di-n-octyl phthalate
Concen: 41.65 ng
RT: 14.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:149 Resp: 2735902
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





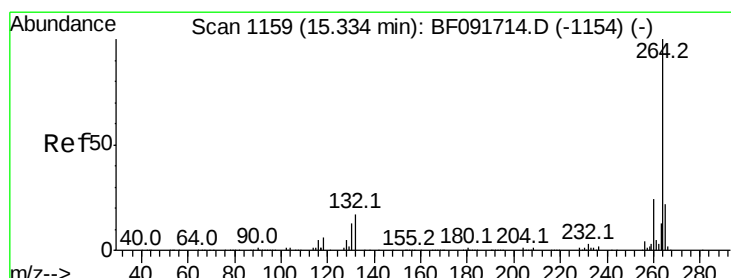
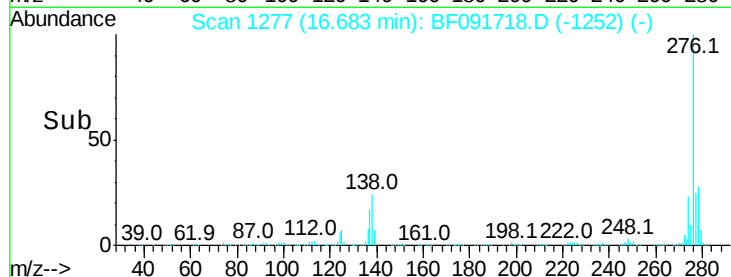
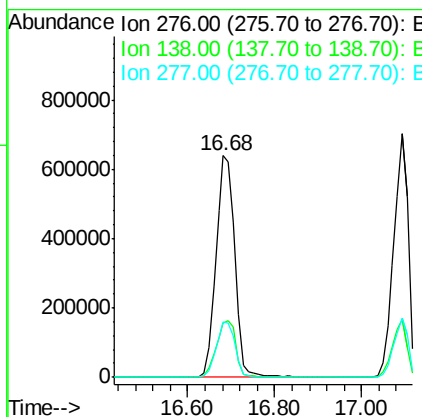
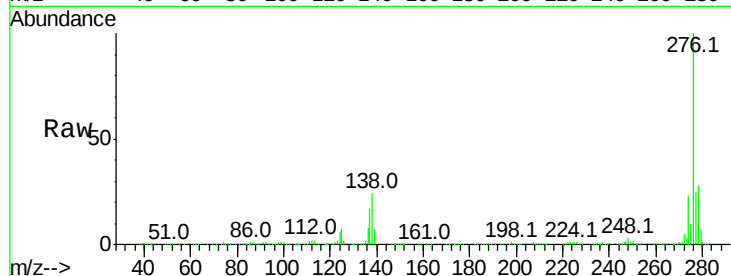
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.32 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.6
277	25.1	20.2	30.4

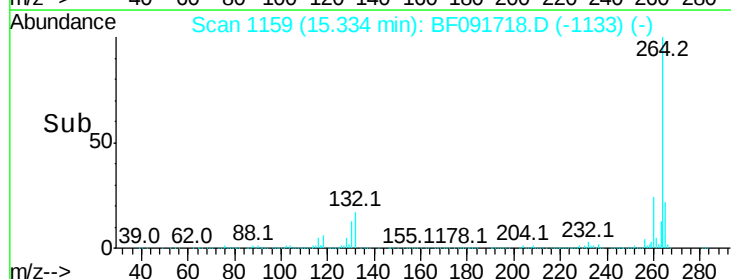
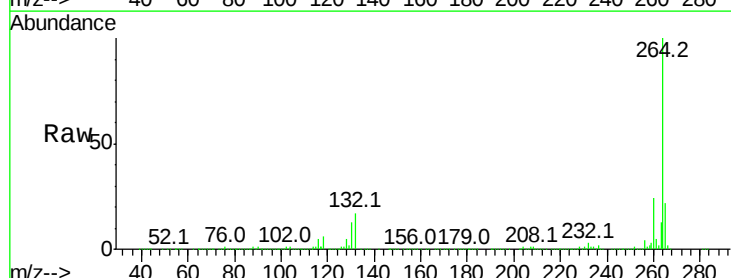
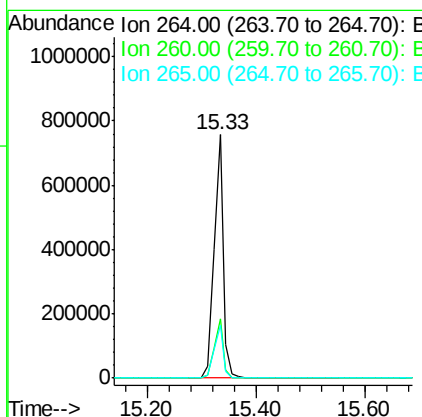
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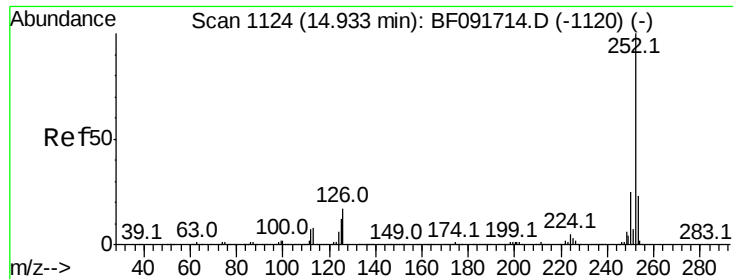
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.93 ng m

RT: 14.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Instrument :

BNA_F

ClientSampleId :

ICVBF121716

Tot Ion:252 Resp: 2488674

Ion Ratio Lower Upper

252 100

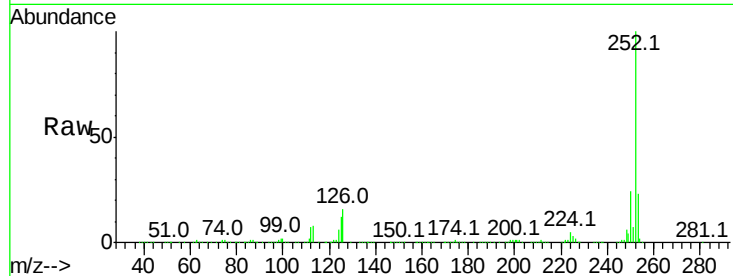
253 22.7 18.2 27.4

125 11.9 9.8 14.6

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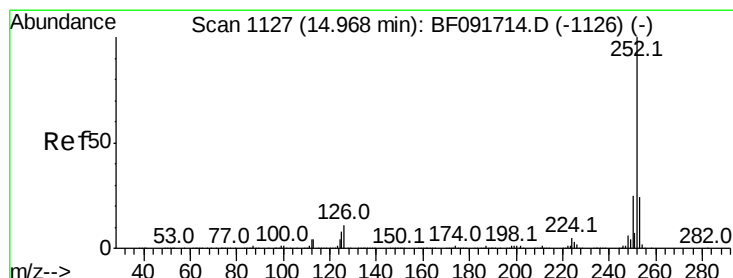
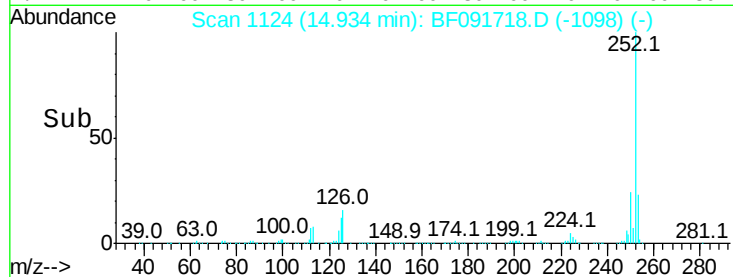
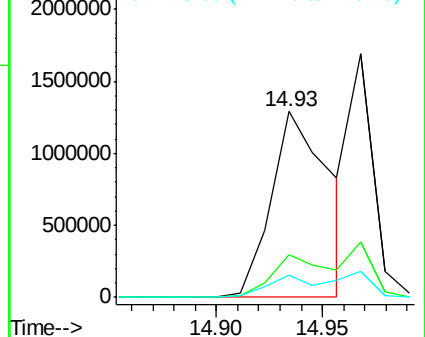
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.64 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF091718.D

Acq: 17 Dec 2016 16:39

Tgt Ion:252 Resp: 1327588

Ion Ratio Lower Upper

252 100

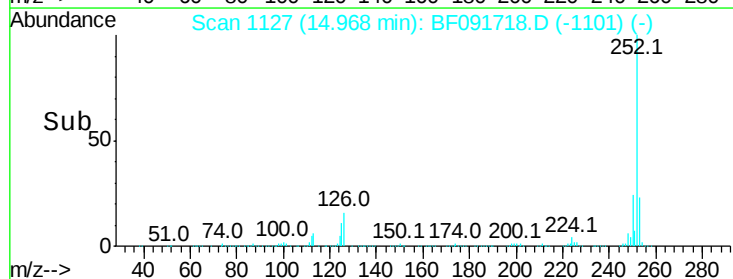
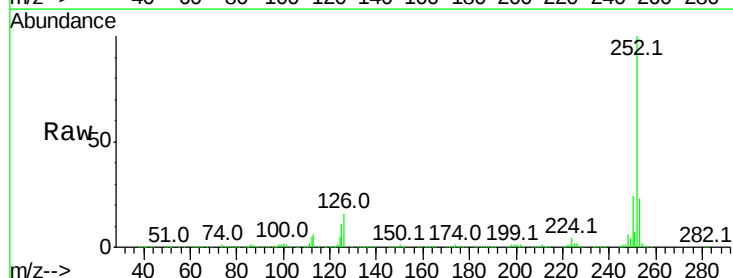
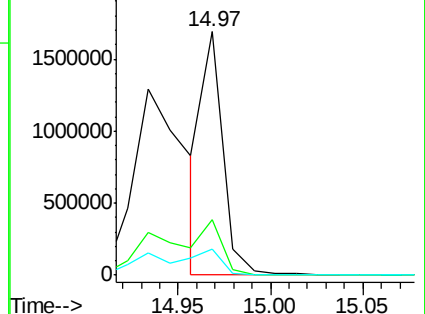
253 23.0 18.5 27.7

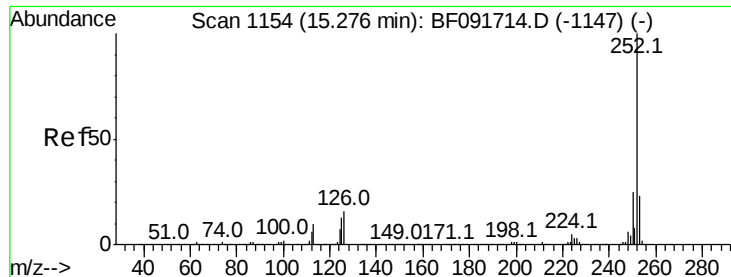
125 10.7 8.9 13.3

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





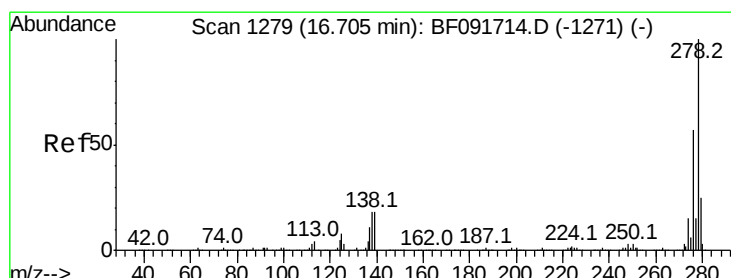
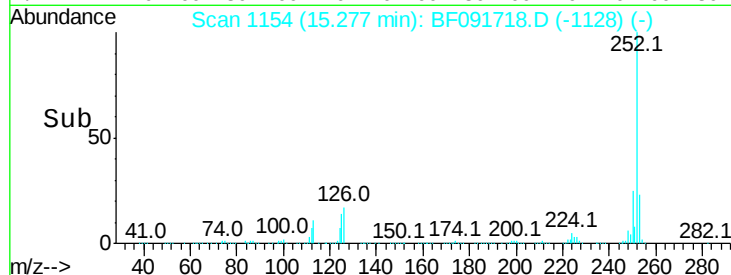
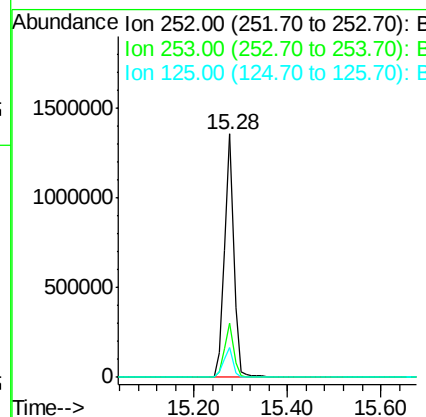
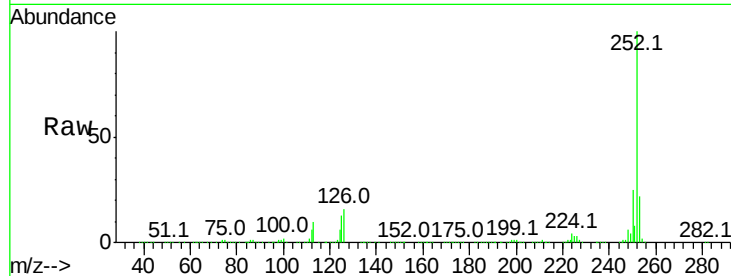
#89
Benzo(a)pyrene
Concen: 36.73 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Instrument :
BNA_F
ClientSampleId :
ICVBF121716

Tot Ion:252 Resp: 1827704
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.5 10.0 15.0

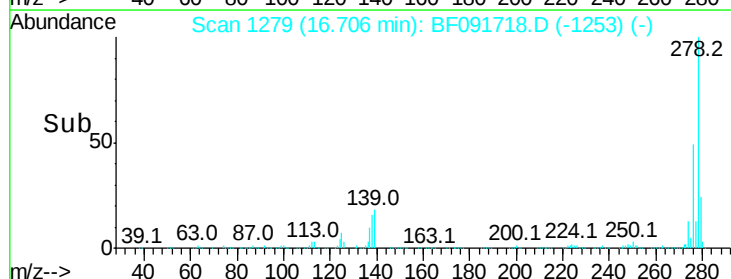
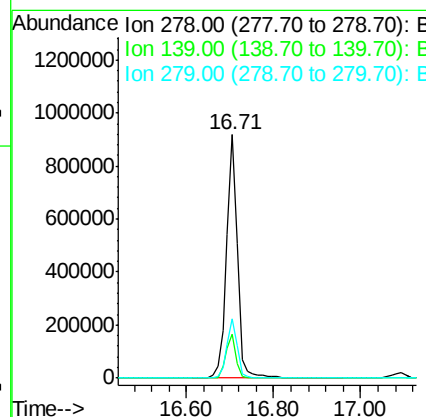
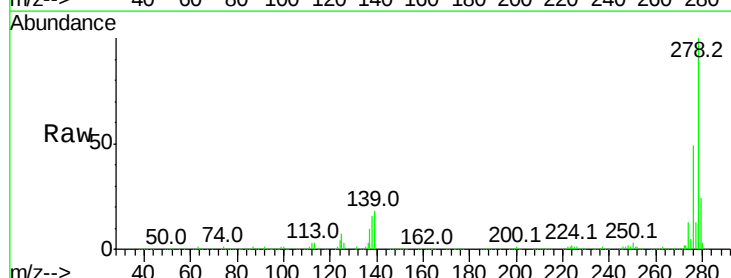
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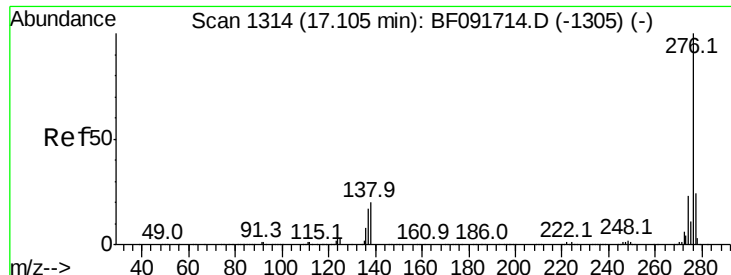
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#90
Dibenzo(a,h)anthracene
Concen: 37.63 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF091718.D
Acq: 17 Dec 2016 16:39

Tgt Ion:278 Resp: 1632221
Ion Ratio Lower Upper
278 100
139 18.0 14.8 22.2
279 24.5 19.8 29.6





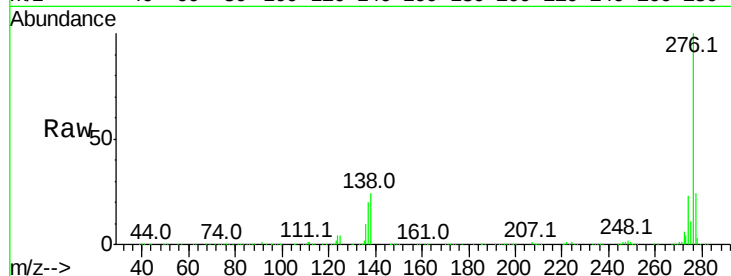
#91
 Benzo(a,h,i)perylene
 Concen: 37.55 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF091718.D
 Acq: 17 Dec 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121716

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	23.9	16.0	24.0

Manual Integrations
 APPROVED

umangi
 12/20/2016 11:40:24 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

