

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091540.D
 Acq On : 9 Dec 2016 21:16
 Operator : UM/SJ
 Sample : PB94152BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Manual Integrations
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 12/12/2016 6:49:57 PM

Quant Time: Dec 09 22:51:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	289407	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1206380	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	601390	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	985022	20.00	ng	0.00
75) Chrysene-d12	13.96	240	635694	20.00	ng	0.00
86) Perylene-d12	15.38	264	636760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1333626	77.64	ng	0.01
7) Phenol-d6	6.45	99	1644514	76.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	1833836	84.84	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	372667	74.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	3048671	87.59	ng	0.00
78) Terphenyl-d14	12.92	244	2647213	94.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	336303	37.09	ng	# 85
3) Pyridine	3.20	79	994235	41.16	ng	# 80
4) n-Nitrosodimethylamine	3.15	42	429797	41.41	ng	# 67
6) Aniline	6.48	93	650428	23.17	ng	# 69
8) 2-Chlorophenol	6.60	128	880550	45.41	ng	98
9) Benzaldehyde	6.35	77	184012	12.49	ng	91
10) Phenol	6.46	94	997862	39.85	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	915697	48.68	ng	# 79
12) 1,3-Dichlorobenzene	6.75	146	829701	39.46	ng	# 95
13) 1,4-Dichlorobenzene	6.83	146	861912	41.56	ng	97
14) 1,2-Dichlorobenzene	6.99	146	776820m	41.57	ng	
15) Benzyl Alcohol	6.96	79	705405	41.72	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1260766	43.25	ng	80
17) 2-Methylphenol	7.08	107	734569	45.79	ng	# 76
18) Hexachloroethane	7.32	117	342610	42.33	ng	# 78
19) n-Nitroso-di-n-propylamine	7.23	70	615110	45.93	ng	# 84
20) 3+4-Methylphenols	7.23	107	780036	45.02	ng	# 72
22) Acetophenone	7.23	105	1174601	40.64	ng	# 93
24) Nitrobenzene	7.40	77	998095	43.71	ng	# 83
25) Isophorone	7.64	82	1702696	44.31	ng	99
26) 2-Nitrophenol	7.71	139	430941	42.76	ng	94
27) 2,4-Dimethylphenol	7.76	122	759351	42.89	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1075245	47.71	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	715709	46.47	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	721558	41.22	ng	98
31) Naphthalene	8.12	128	2352932	41.92	ng	100
32) Benzoic acid	7.89	122	528512	42.25	ng	# 78
33) 4-Chloroaniline	8.17	127	209116	8.65	ng	98
34) Hexachlorobutadiene	8.25	225	419140	41.77	ng	98
35) Caprolactam	8.54	113	227507m	50.58	ng	
36) 4-Chloro-3-methylphenol	8.66	107	718290	41.58	ng	99
37) 2-Methylnaphthalene	8.81	142	1527483	42.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	611376	37.06	ng	# 98
40) Hexachlorocyclopentadiene	8.97	237	718184	97.66	ng	98

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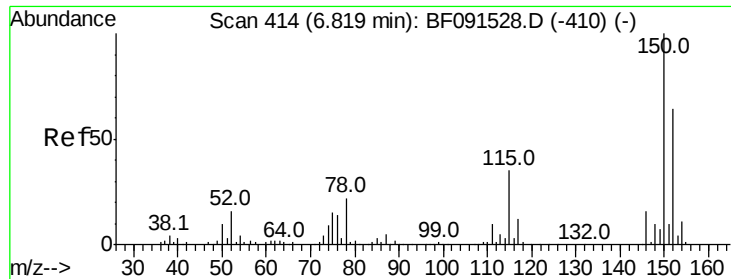
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	473022	44.63	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	467115	42.89	nq	96
45) 1,1'-Biphenyl	9.28	154	1745933	40.08	nq	98
46) 2-Chloronaphthalene	9.30	162	1338712	39.69	nq	99
47) 2-Nitroaniline	9.40	65	471955	41.61	nq	# 76
48) Acenaphthylene	9.71	152	2113924	41.11	nq	99
49) Dimethylphthalate	9.58	163	1656934	43.51	nq	99
50) 2,6-Dinitrotoluene	9.64	165	394028	47.14	nq	# 81
51) Acenaphthene	9.88	154	1538065	43.07	nq	97
52) 3-Nitroaniline	9.80	138	174431	17.77	nq	91
53) 2,4-Dinitrophenol	9.92	184	377838	77.75	nq	# 82
54) Dibenzofuran	10.06	168	1957054	44.29	nq	91
55) 4-Nitrophenol	9.97	139	592218	81.07	nq	91
56) 2,4-Dinitrotoluene	10.04	165	460397	43.95	nq	# 63
57) Fluorene	10.40	166	1296367	40.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	399824	46.89	nq	95
59) Diethylphthalate	10.28	149	1634361	44.57	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	678662	42.72	nq	# 89
61) 4-Nitroaniline	10.42	138	356105	36.50	nq	88
62) Azobenzene	10.56	77	1911136	46.00	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	240907	40.74	nq	# 31
65) n-Nitrosodiphenylamine	10.51	169	1226692	41.77	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	439684	43.54	nq	# 76
67) Hexachlorobenzene	10.94	284	425795	40.55	nq	# 78
68) Atrazine	11.05	200	456692	48.37	nq	95
69) Pentachlorophenol	11.14	266	463933	78.50	nq	96
70) Phenanthrene	11.36	178	1979563	40.58	nq	99
71) Anthracene	11.41	178	2334429	44.37	nq	100
72) Carbazole	11.56	167	1787029	38.75	nq	99
73) Di-n-butylphthalate	11.91	149	2448808	45.57	nq	100
74) Fluoranthene	12.55	202	2276072	44.56	nq	99
76) Benzidine	12.66	184	611079	31.09	nq	98
77) Pyrene	12.77	202	2188320	43.39	nq	100
79) Butylbenzylphthalate	13.39	149	910286	46.30	nq	90
80) Benzo(a)anthracene	13.95	228	1586560	42.98	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	254522	19.20	nq	# 97
82) Chrysene	14.00	228	1689147	43.73	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	1175446	46.60	nq	99
84) Di-n-octyl phthalate	14.57	149	2147064	50.15	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.74	276	1511669	43.49	nq	99
87) Benzo(b)fluoranthene	14.98	252	1727532m	45.51	nq	
88) Benzo(k)fluoranthene	15.00	252	1234551m	36.99	nq	
89) Benzo(a)pyrene	15.32	252	1468549	42.94	nq	# 95
90) Dibenzo(a,h)anthracene	16.76	278	1236616	40.37	nq	98
91) Benzo(g,h,i)perylene	17.16	276	1271574	40.79	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

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Instrument :

BNA_F

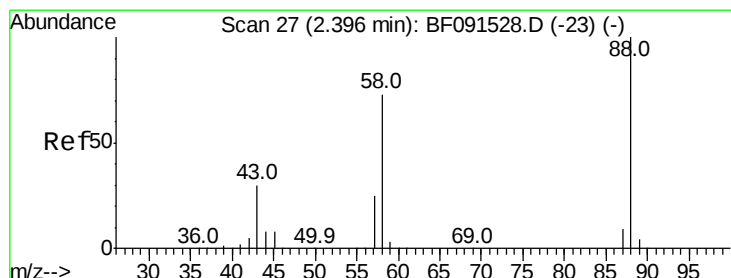
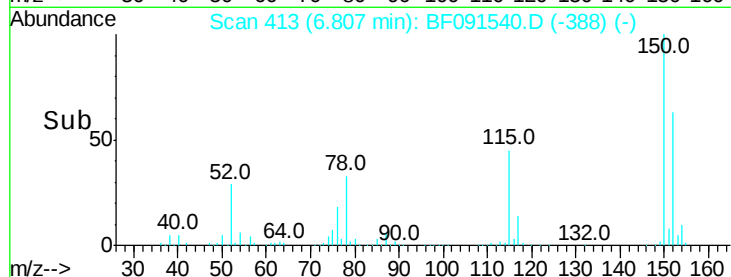
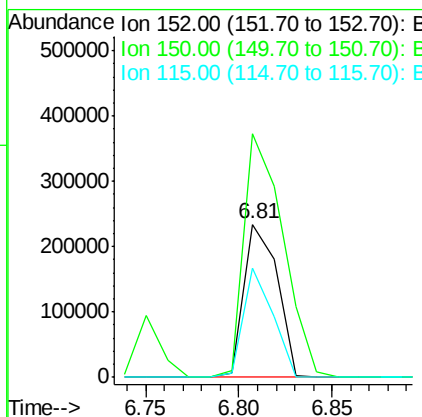
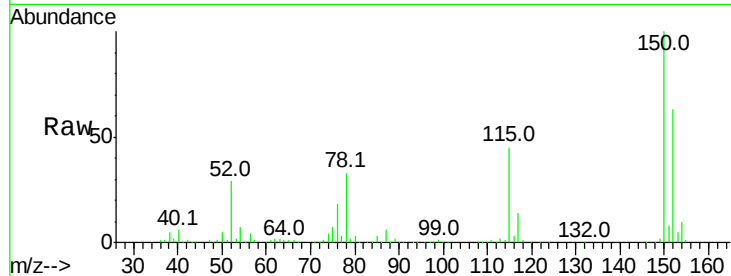
ClientSampleId :

PB95152BSD

Tot Ion:	152	Resp:	289407
Ion Ratio	Lower	Upper	
152	100		
150	159.1	122.5	183.7
115	71.7	51.8	77.8

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#2

1,4-Dioxane

Concen: 37.09 ng

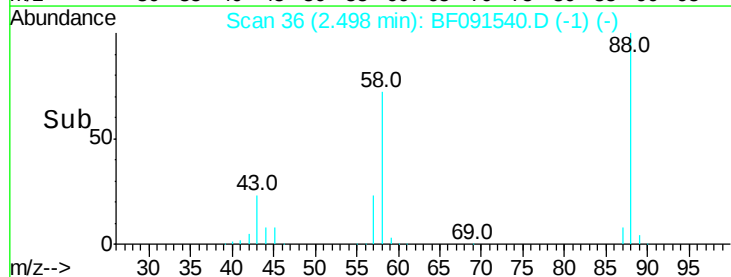
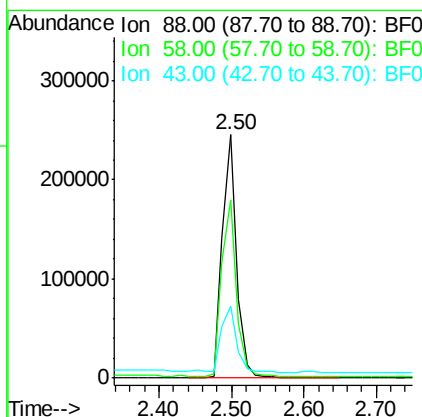
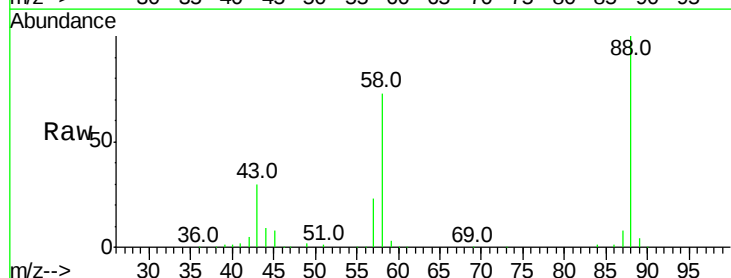
RT: 2.50 min Scan# 36

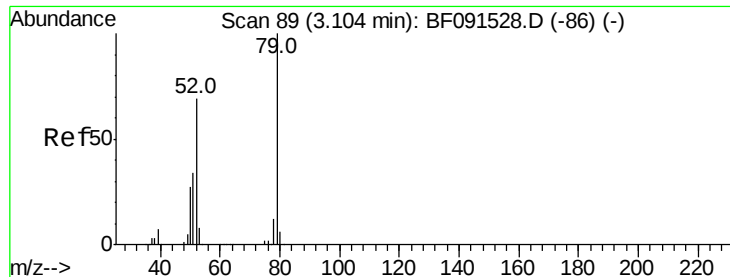
Delta R.T. 0.10 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:	88	Resp:	336303
Ion Ratio	Lower	Upper	
88	100		
58	74.6	70.3	105.5
43	29.6	31.3	46.9#





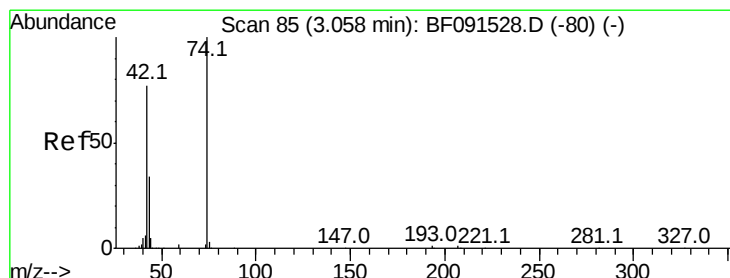
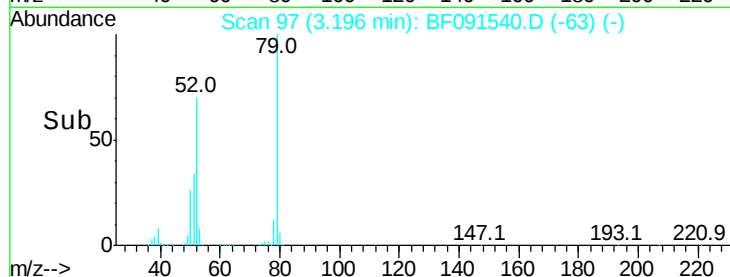
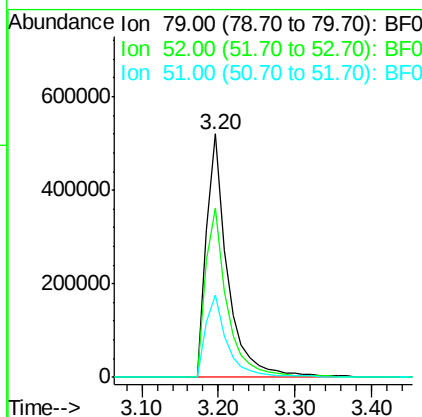
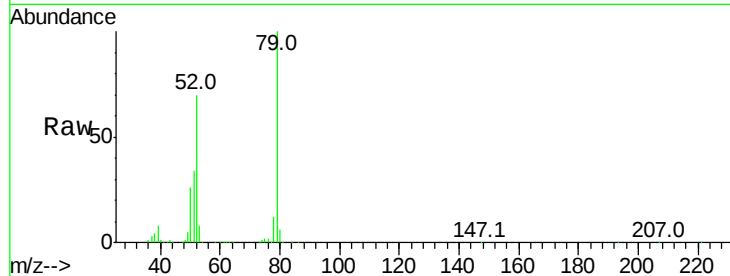
#3
 Pvrindine
 Concen: 41.16 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.09 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	71.0	106.4#
51	34.0	37.0	55.4#

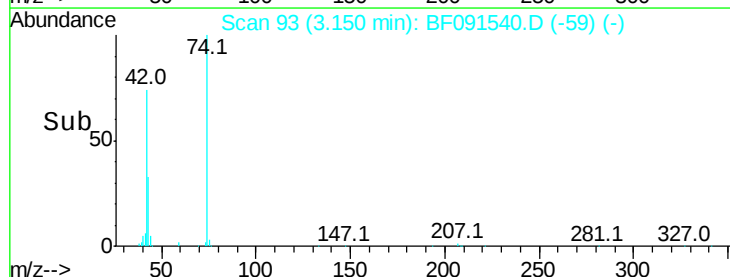
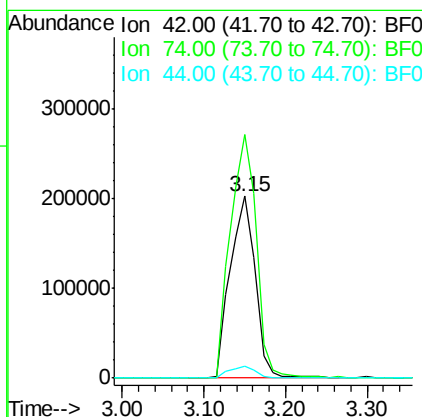
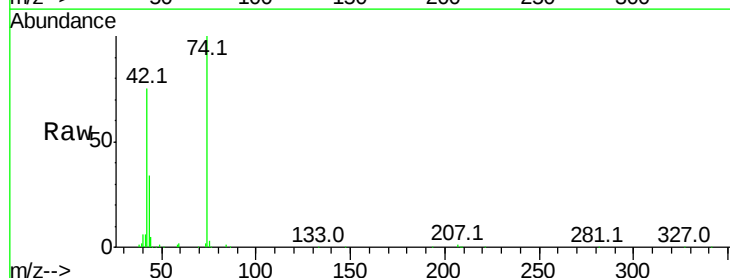
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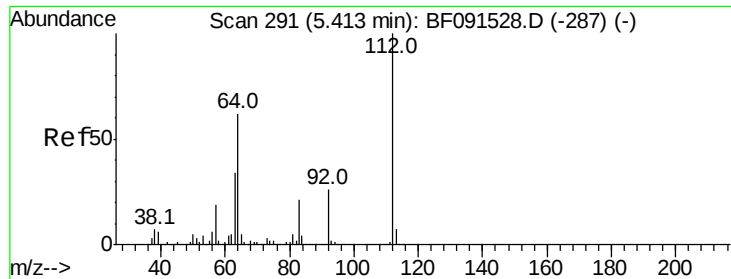
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#4
 n-Nitrosodimethylamine
 Concen: 41.41 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.1	78.9	118.3#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 77.64 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:112 Resp: 1333626

Ion Ratio Lower Upper

112 100

64 61.0 61.5 92.3#

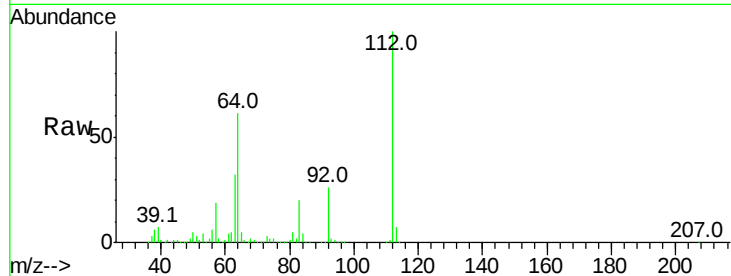
63 31.7 33.3 49.9#

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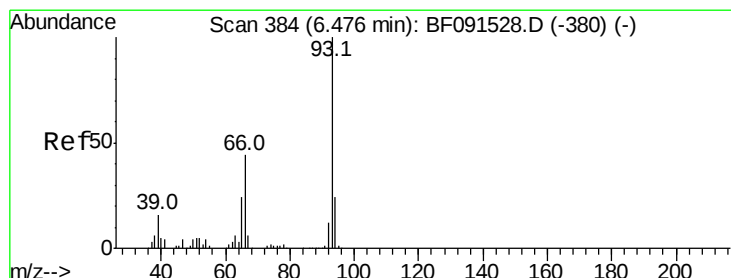
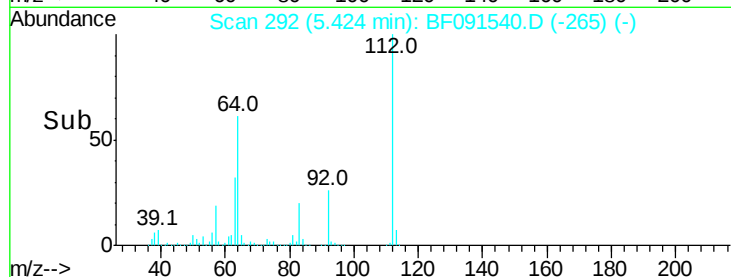
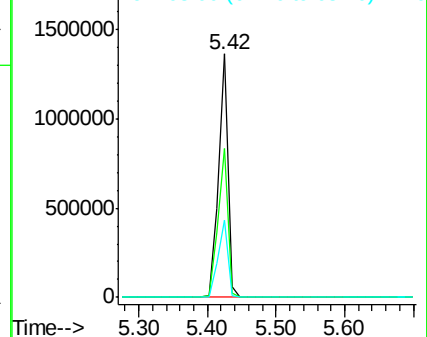
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion: 93 Resp: 650428

Ion Ratio Lower Upper

93 100

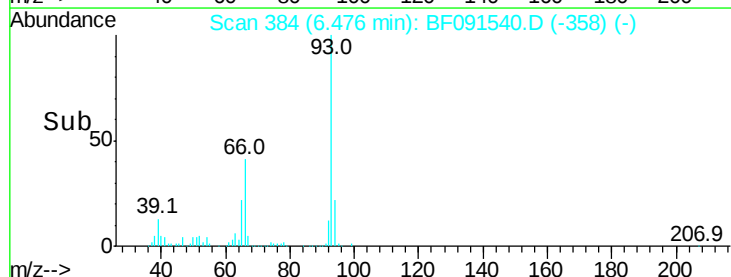
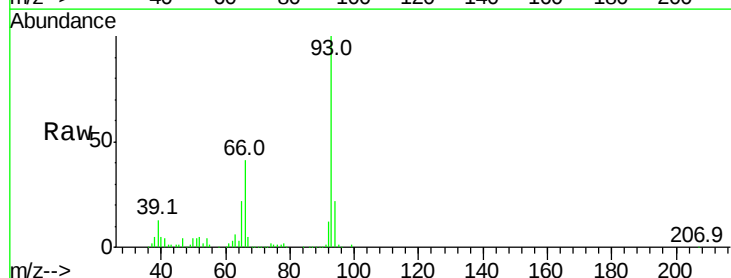
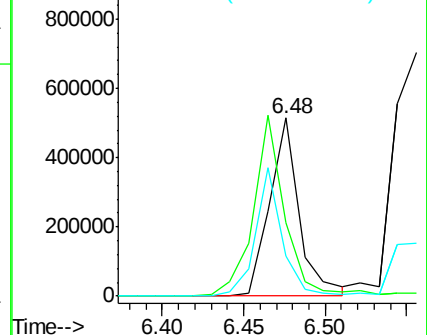
66 41.4 55.8 83.6#

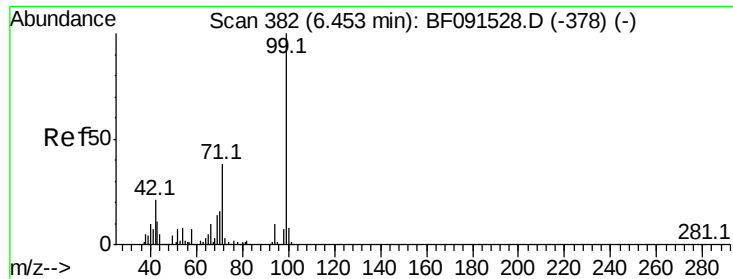
65 22.2 29.9 44.9#

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.79 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion: 99 Resp: 1644514

Ion Ratio Lower Upper

99 100

42 19.6 20.6 31.0#

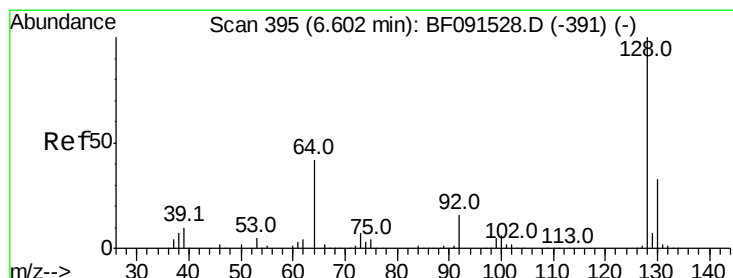
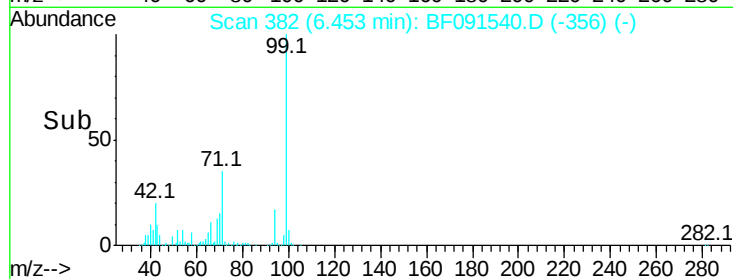
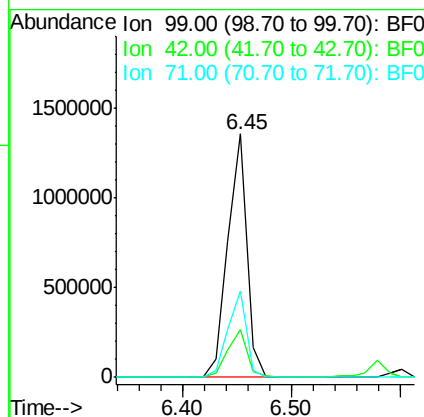
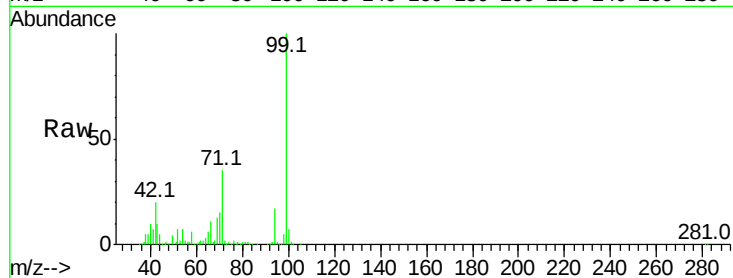
71 35.3 29.9 44.9

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#8

2-Chlorophenol

Concen: 45.41 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

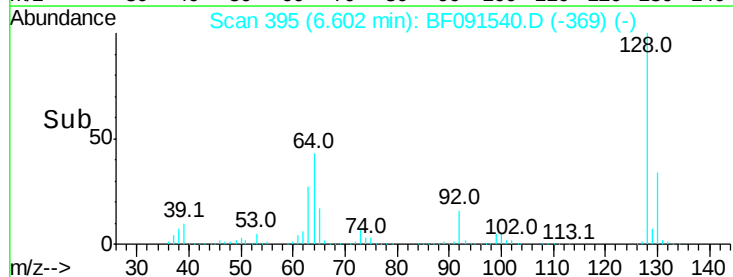
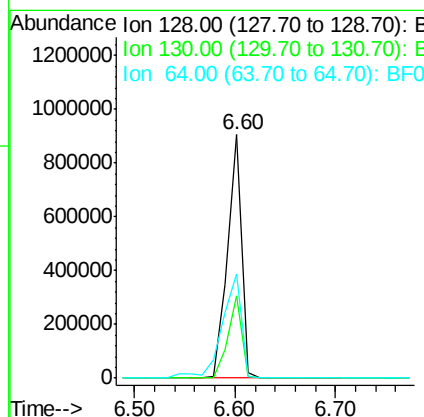
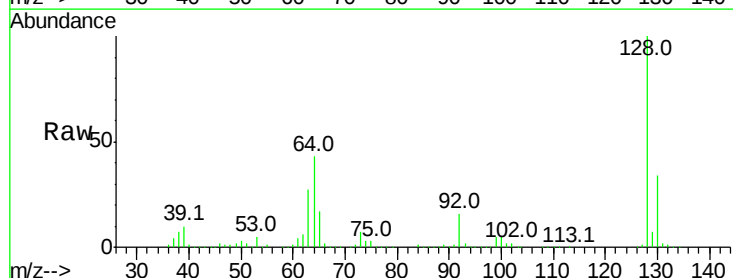
Tgt Ion: 128 Resp: 880550

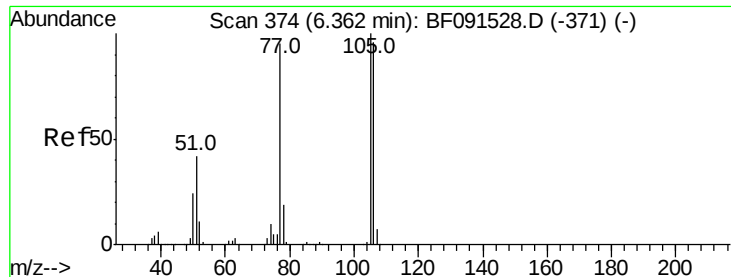
Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

64 42.6 24.1 64.1





#9

Benzaldehyde

Concen: 12.49 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

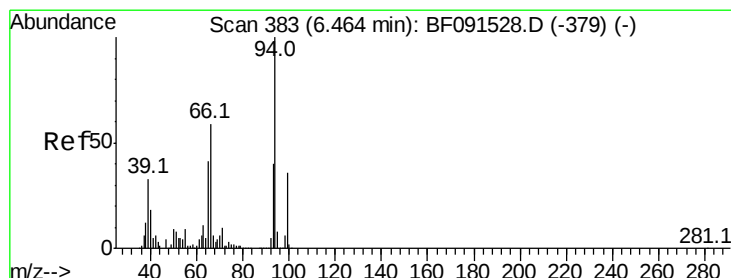
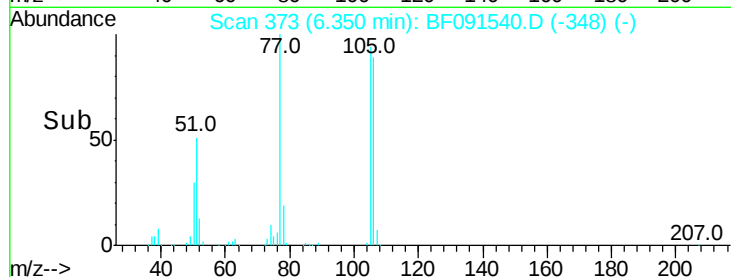
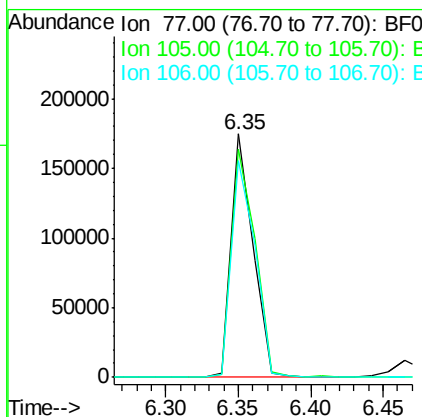
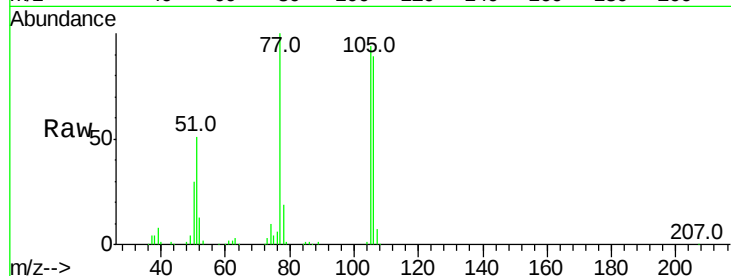
ClientSampleId :

PB95152BSD

Tot Ion:	77	Resp:	184012
Ion Ratio	Lower	Upper	
77	100		
105	94.0	66.4	106.4
106	88.9	60.9	100.9

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#10

Phenol

Concen: 39.85 ng

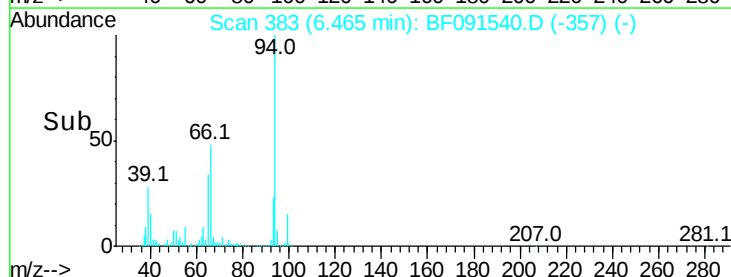
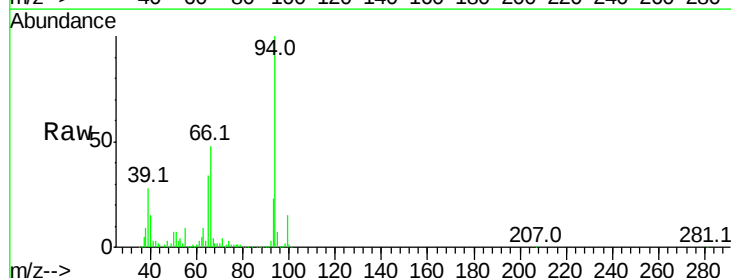
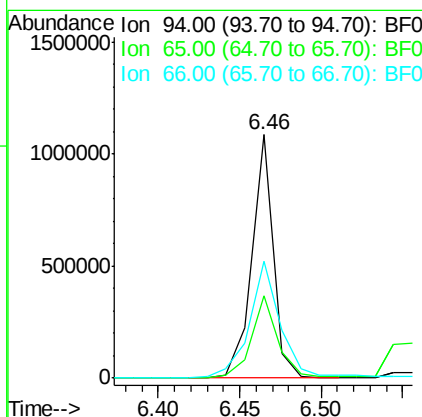
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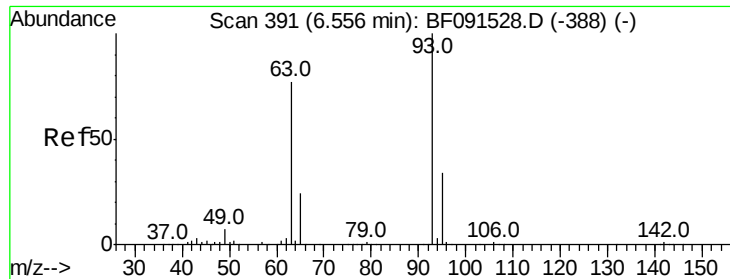
Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:	94	Resp:	997862
Ion Ratio	Lower	Upper	
94	100		
65	34.1	16.9	56.9
66	48.2	30.6	70.6





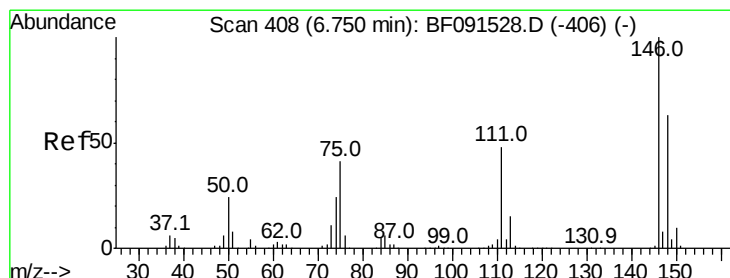
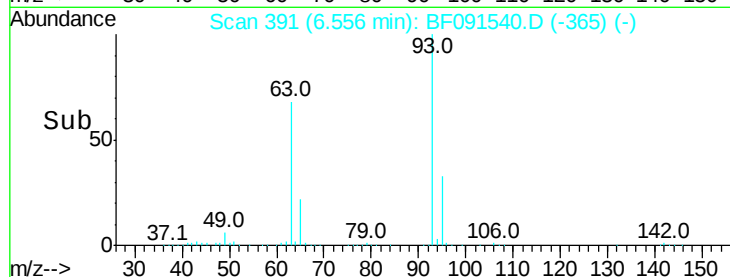
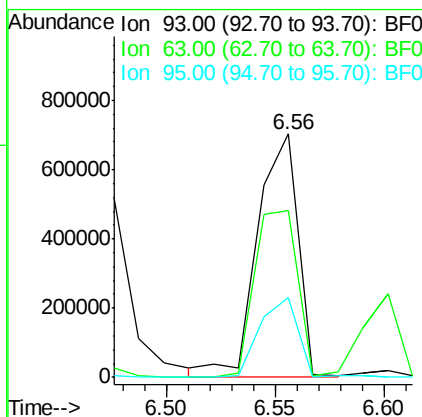
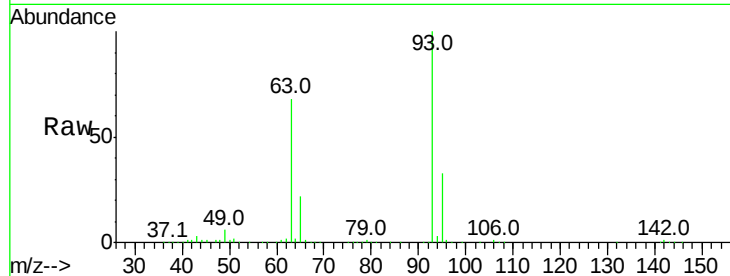
#11
bis(2-Chloroethyl)ether
Concen: 48.68 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	915697		
63	68.3		74.8	114.8#
95	32.8		12.4	52.4

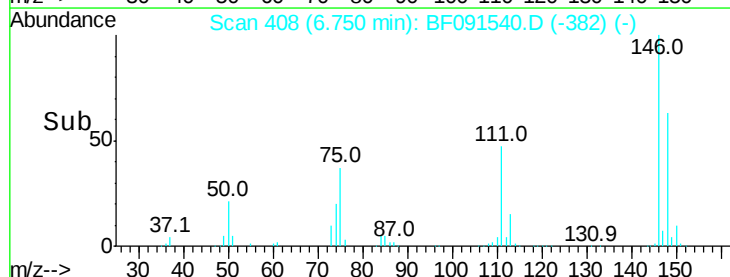
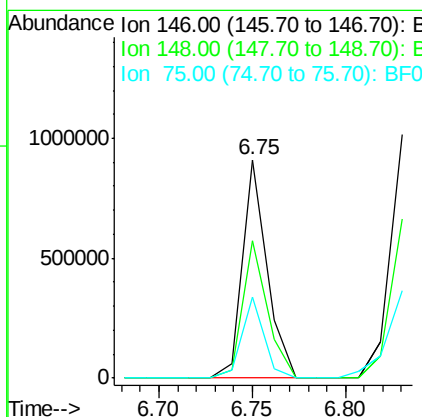
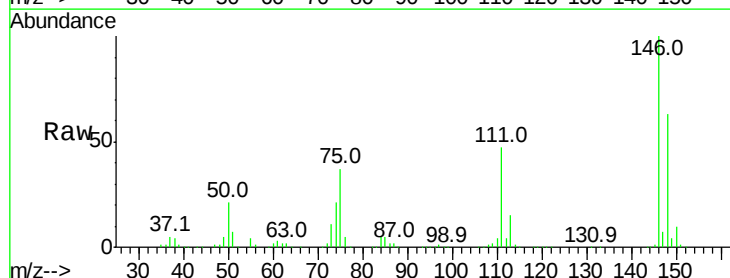
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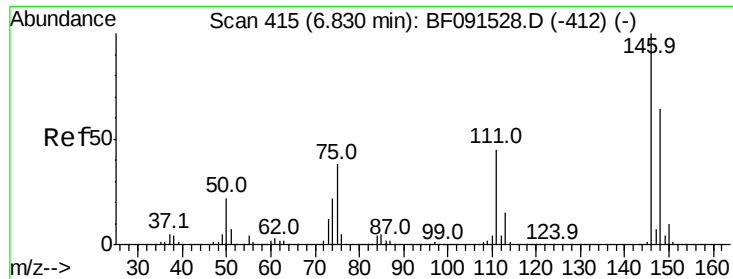
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#12
1,3-Dichlorobenzene
Concen: 39.46 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	829701		
148	63.3		51.4	77.0
75	37.2		23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 41.56 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

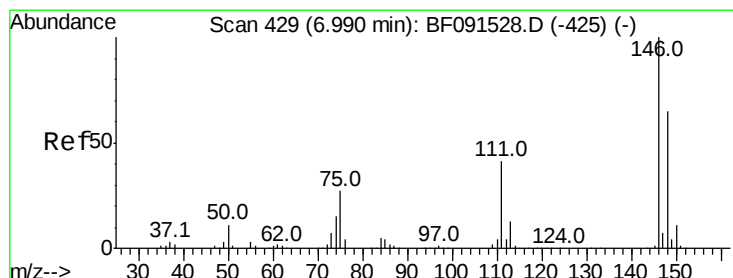
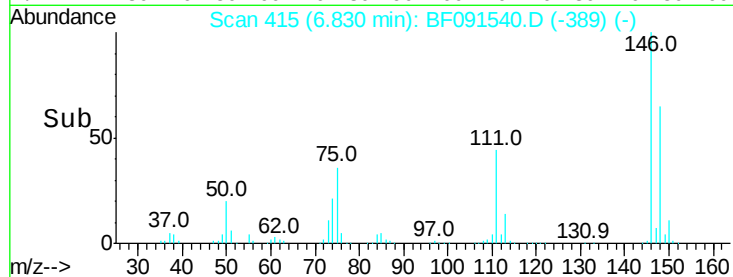
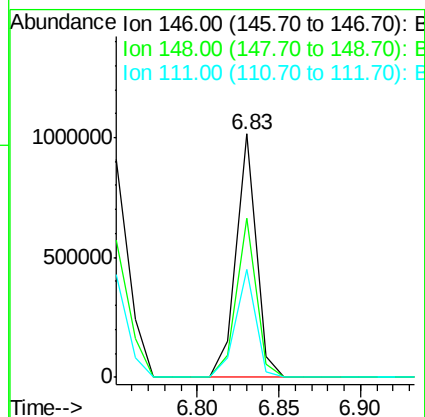
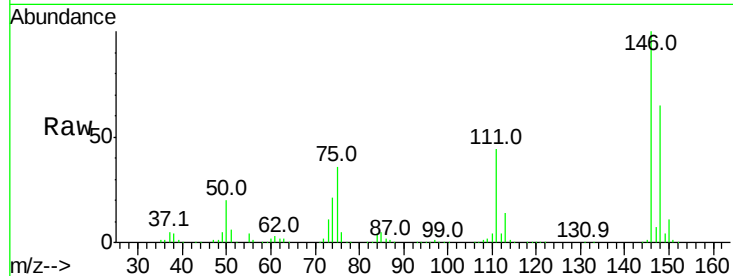
ClientSampled :

PB95152BSD

Tot Ion:	146	Resp:	861912
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.4	77.0
111	44.2	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 41.57 ng m

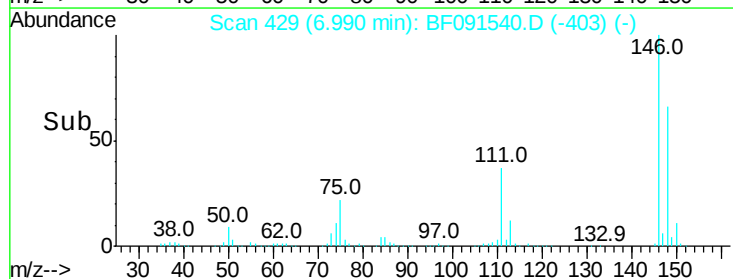
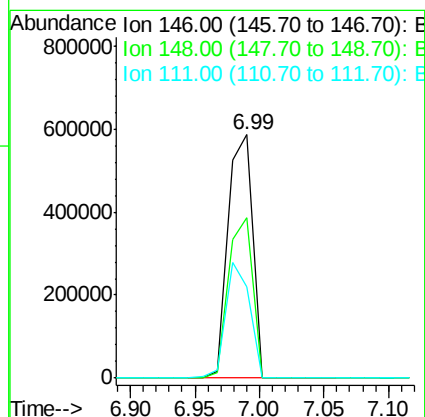
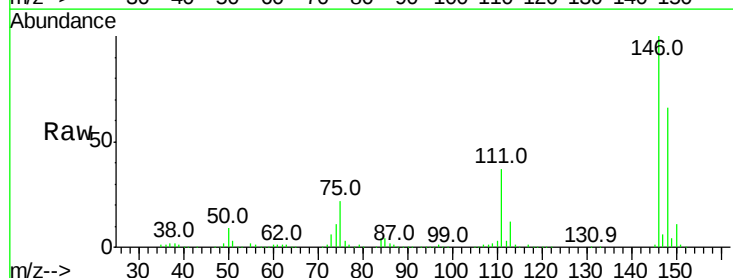
RT: 6.99 min Scan# 429

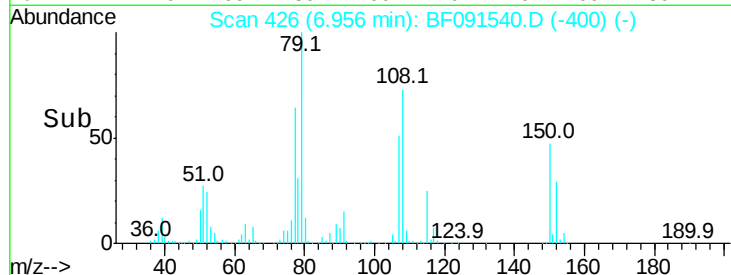
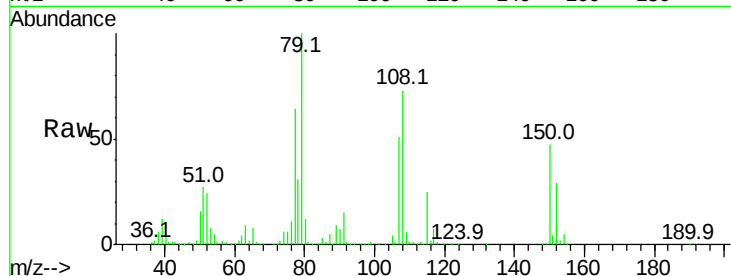
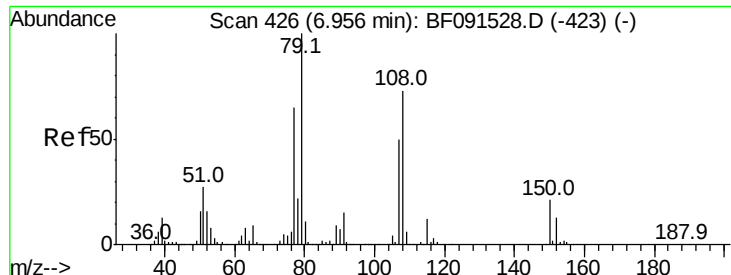
Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:	146	Resp:	776820
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.0	76.6
111	37.4	38.9	58.3#





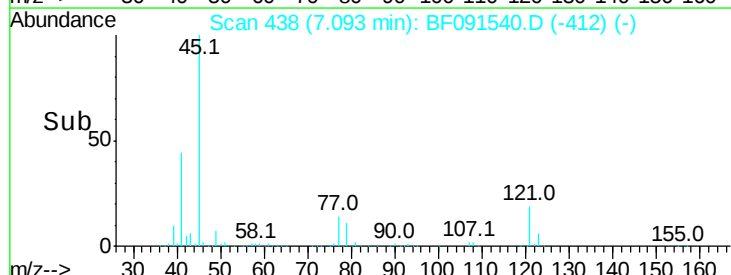
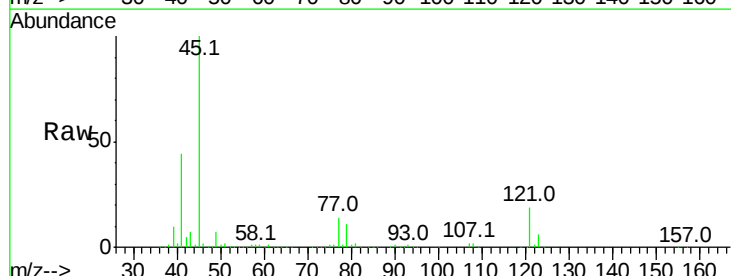
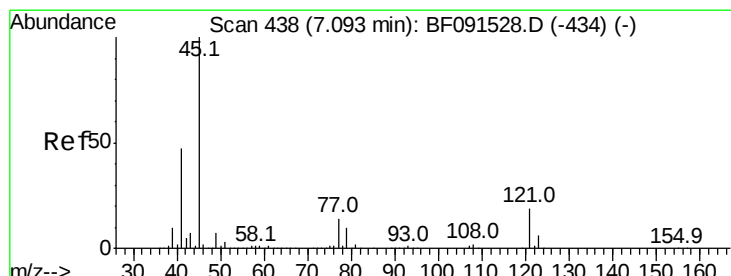
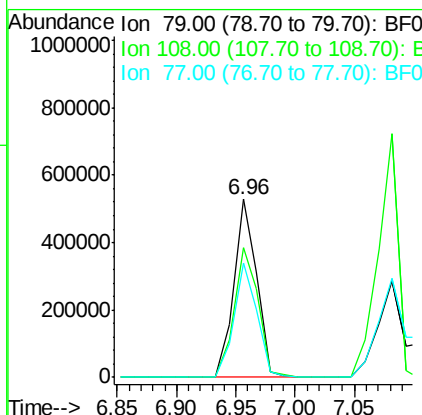
#15
Benzyl Alcohol
Concen: 41.72 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	62.7	94.1
77	63.9	51.7	77.5

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

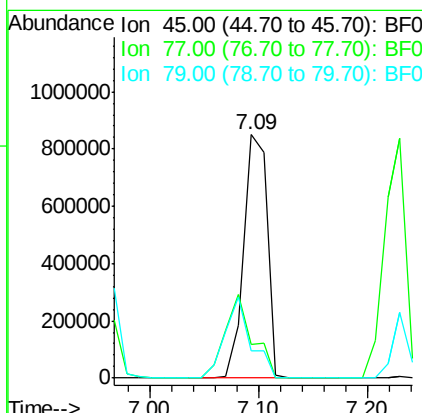
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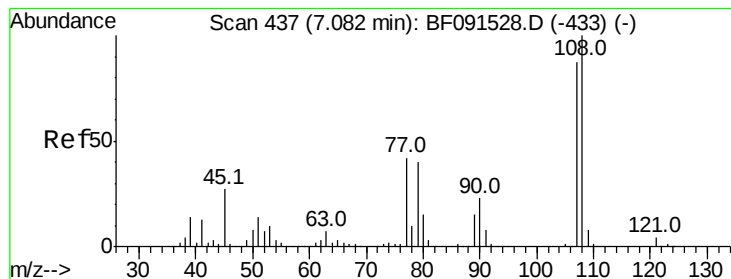
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.25 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	3.8	43.8
79	11.0	0.2	40.2





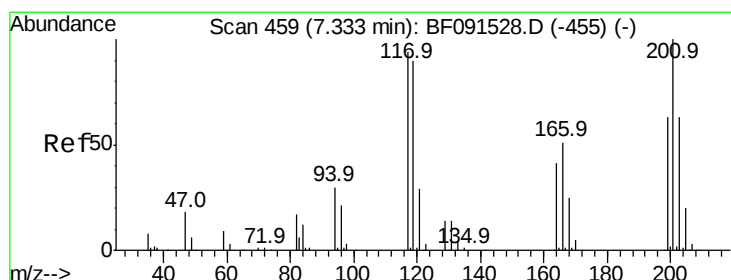
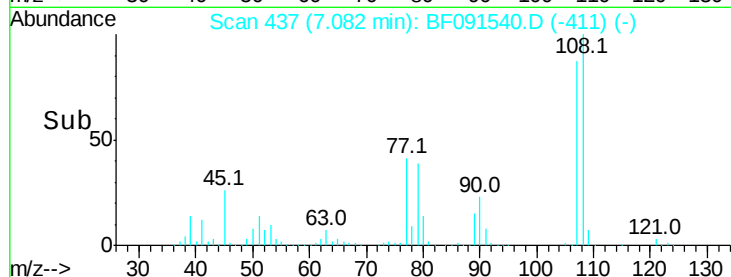
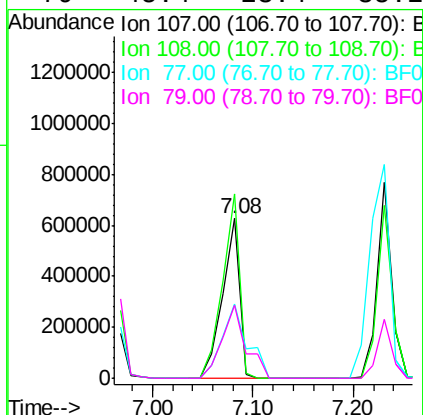
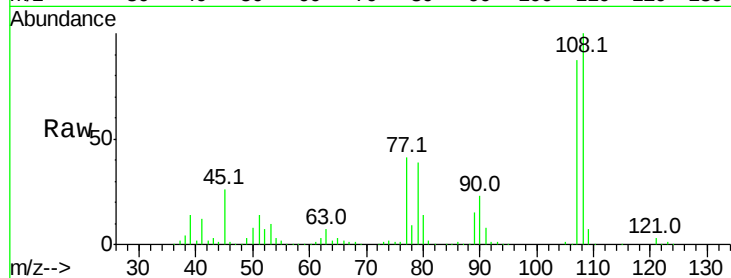
#17
2-Methylphenol
Concen: 45.79 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	67.7	101.5#
77	46.8	40.7	61.1
79	45.4	23.4	35.2#

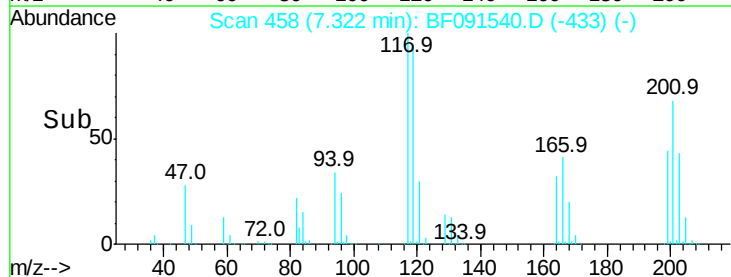
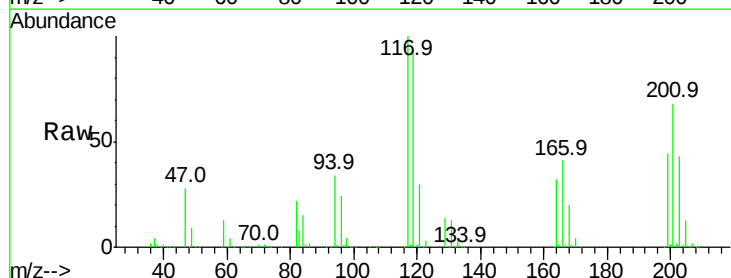
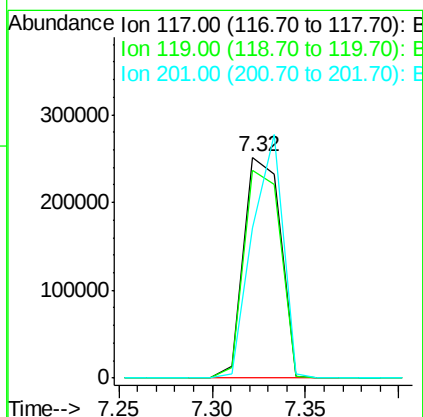
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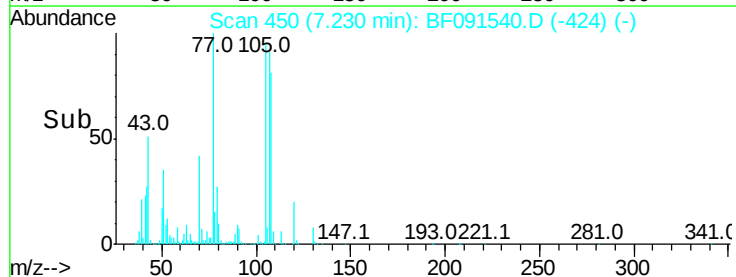
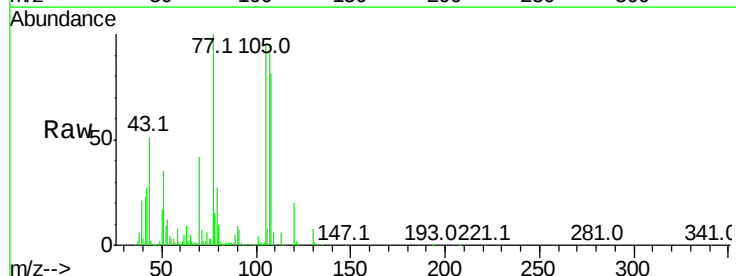
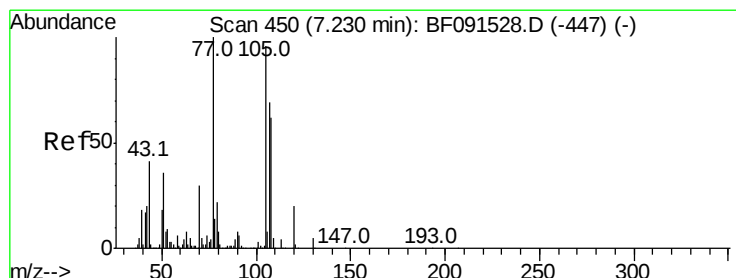
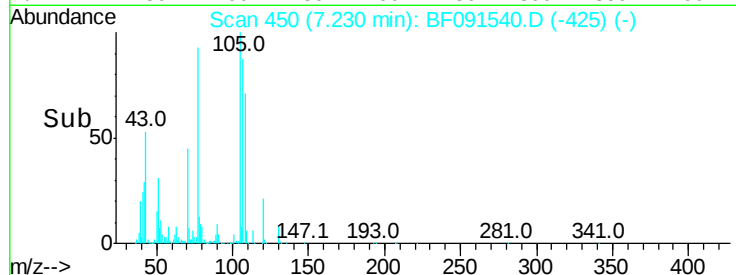
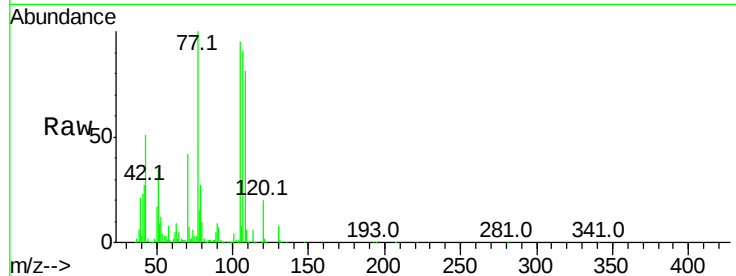
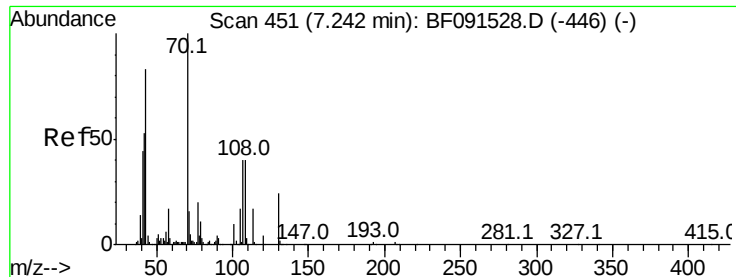
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#18
Hexachloroethane
Concen: 42.33 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.6	118.0
201	68.0	86.7	130.1#





#19

n-Nitroso-di-n-propylamine

Concen: 45.93 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

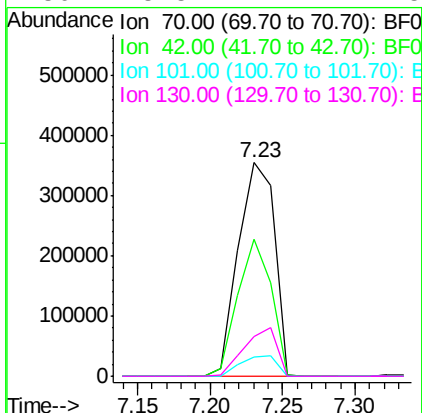
PB95152BSD

Tot Ion: 70 Resp: 615110
Ion Ratio Lower Upper

70	100		
42	64.4	64.8	97.2#
101	9.2	6.2	9.4
130	18.5	11.7	17.5#

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#20

3+4-Methylphenols

Concen: 45.02 ng

RT: 7.23 min Scan# 450

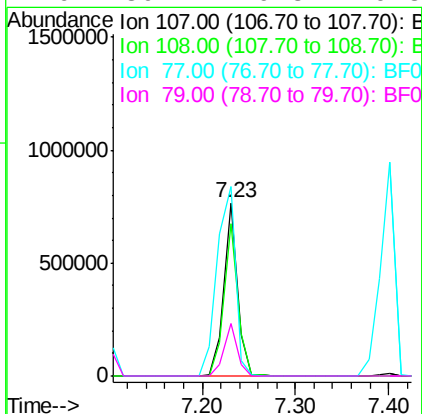
Delta R.T. 0.00 min

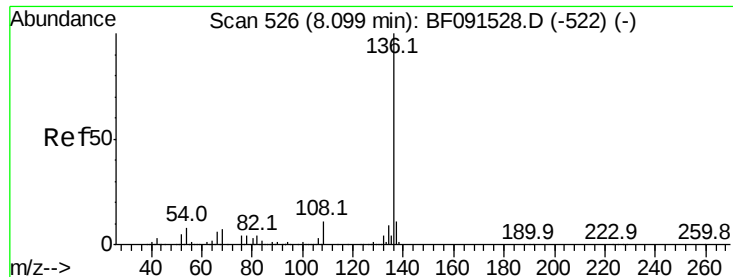
Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:107 Resp: 780036
Ion Ratio Lower Upper

107	100		
108	88.2	64.6	104.6
77	109.4	30.9	70.9#
79	30.1	9.3	49.3





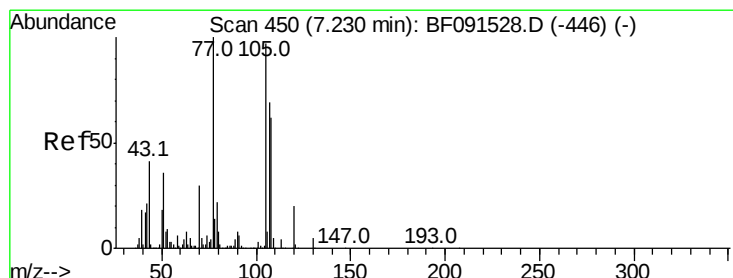
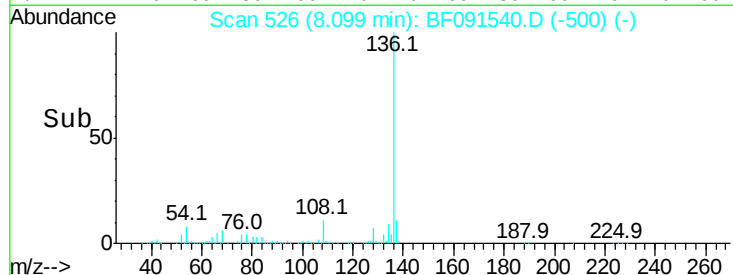
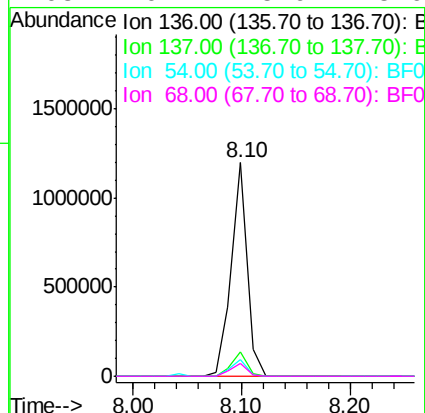
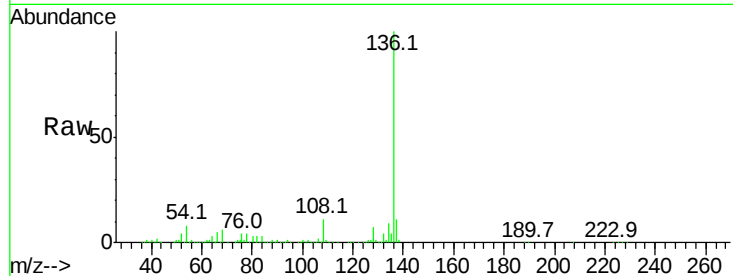
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1206380		
137	11.3		9.1	13.7
54	8.1		9.1	13.7#
68	6.1		5.9	8.9

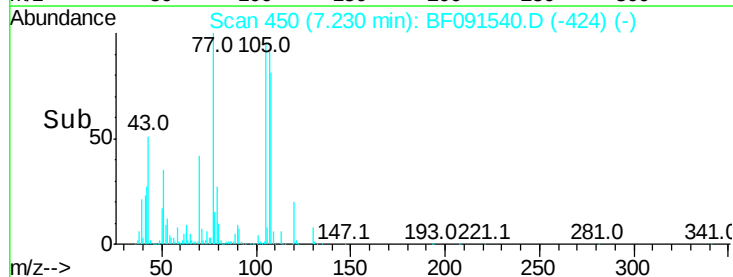
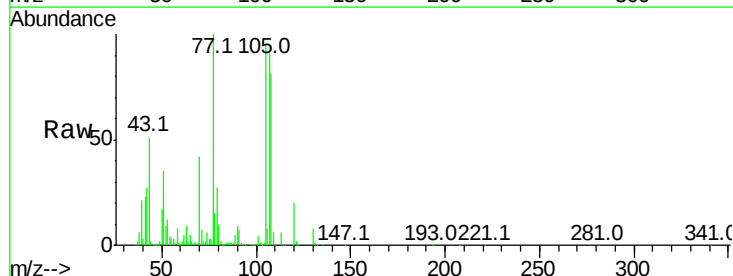
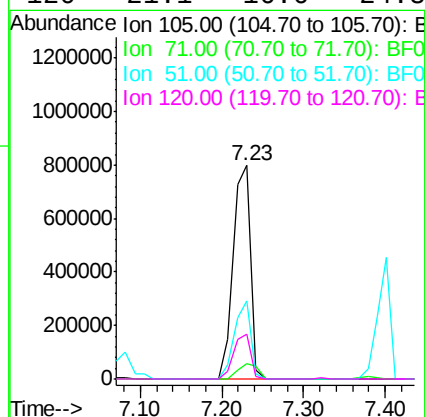
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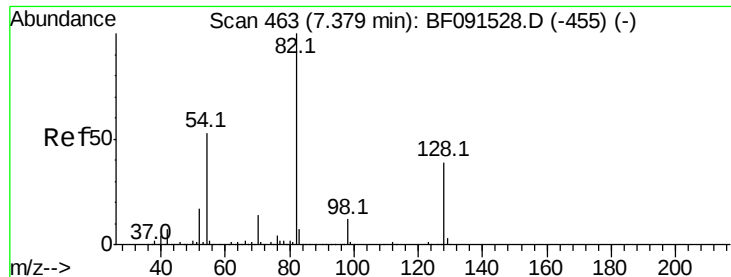
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#22
Acetophenone
Concen: 40.64 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1174601		
71	7.3		7.9	11.9#
51	36.6		24.5	36.7
120	21.1		16.6	24.8





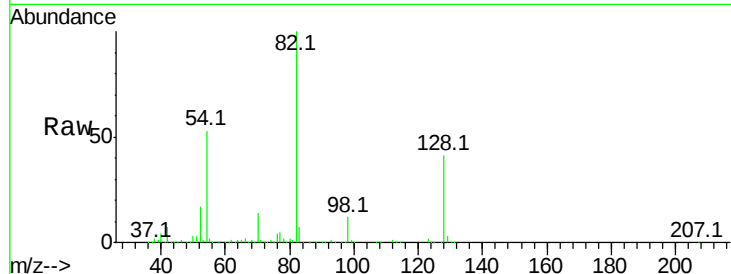
#23
 Nitrobenzene-d5
 Concen: 84.84 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

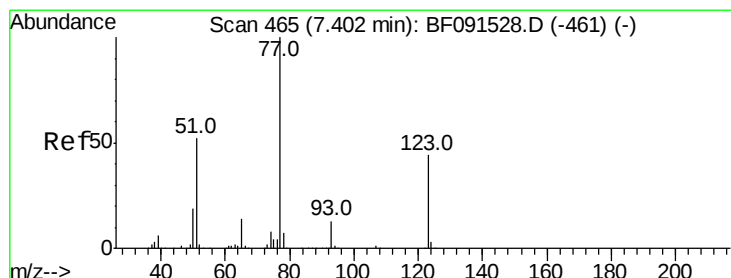
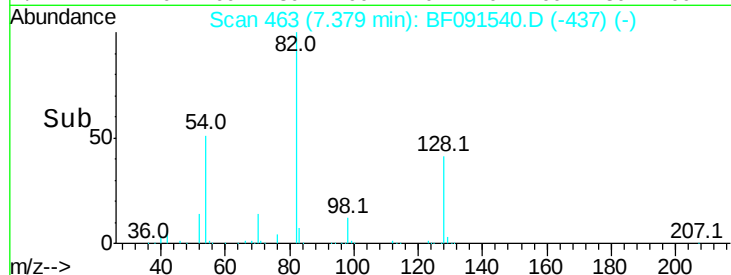
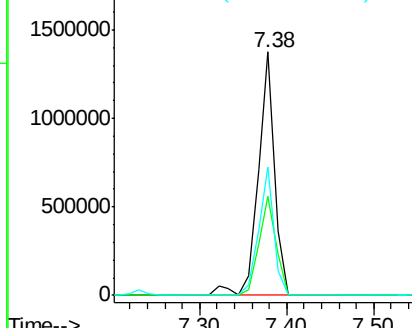
Tot Ion: 82 Resp: 1833836
 Ion Ratio Lower Upper
 82 100
 128 40.6 31.8 47.6
 54 52.6 49.1 73.7

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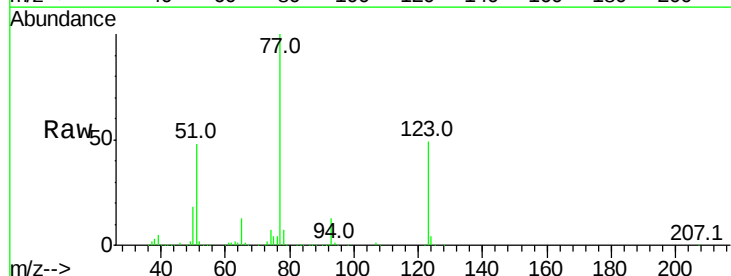


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

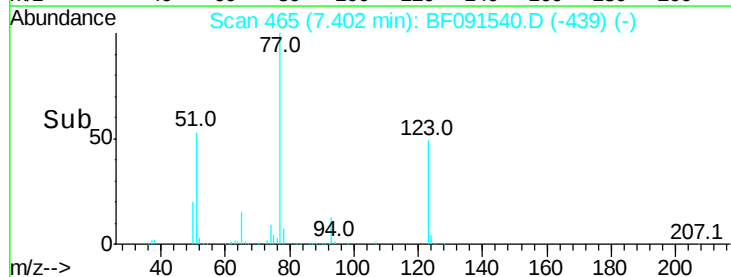
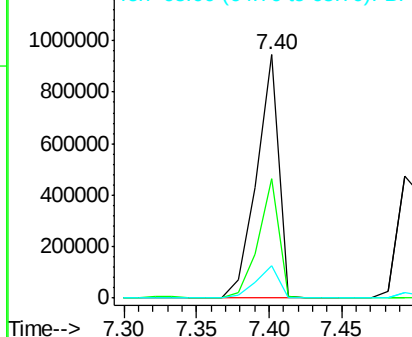


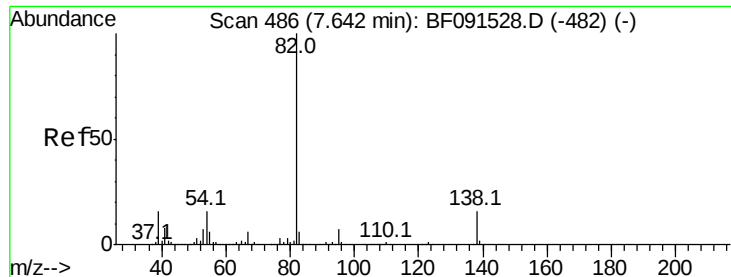
#24
 Nitrobenzene
 Concen: 43.71 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion: 77 Resp: 998095
 Ion Ratio Lower Upper
 77 100
 123 48.9 28.5 42.7#
 65 13.3 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





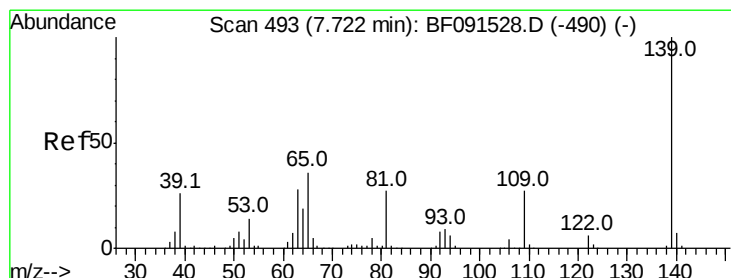
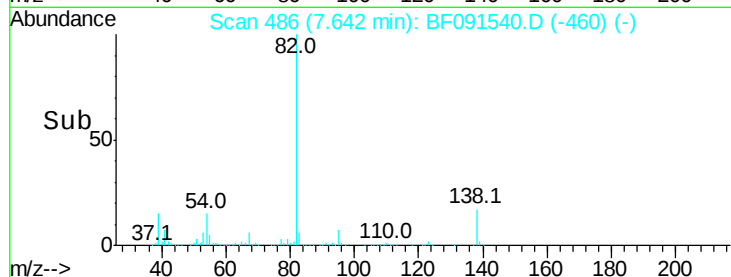
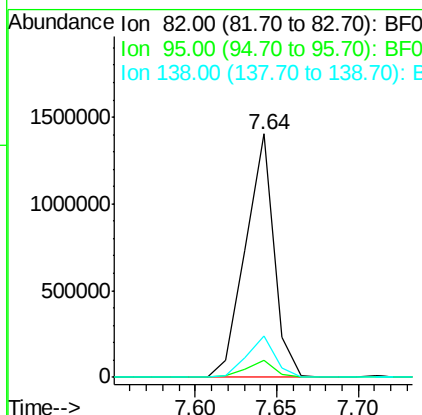
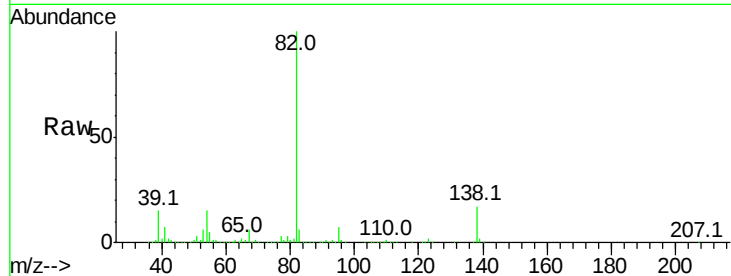
#25
Isophorone
Concen: 44.31 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion: 82 Resp: 1702696
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.1 13.4 20.0

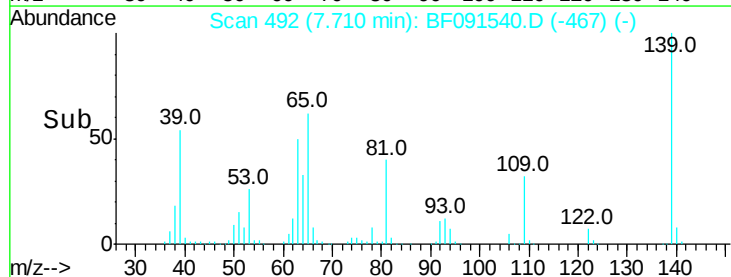
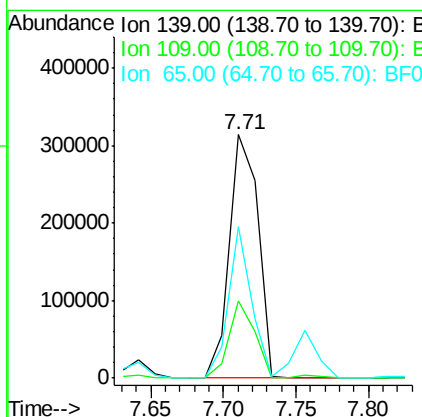
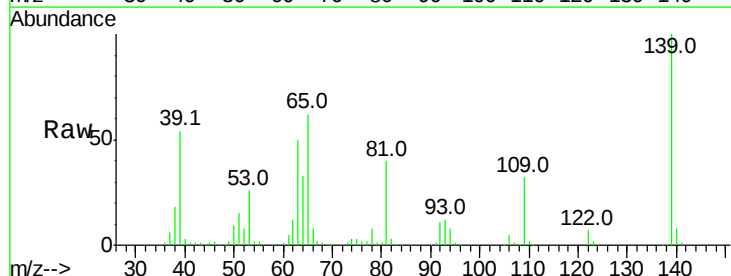
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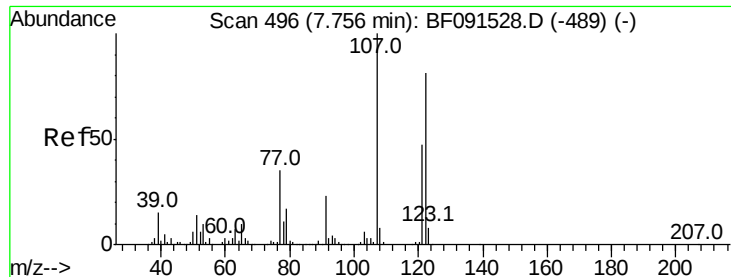
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#26
2-Nitrophenol
Concen: 42.76 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion: 139 Resp: 430941
Ion Ratio Lower Upper
139 100
109 31.6 25.3 37.9
65 62.3 55.4 83.2





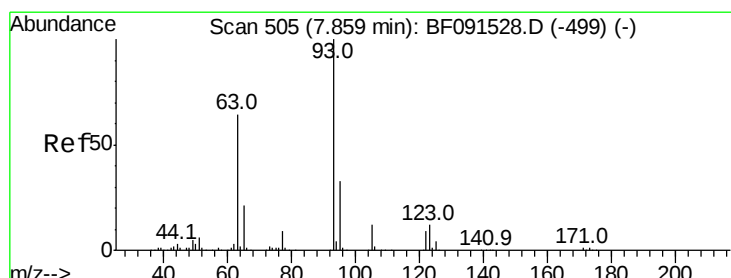
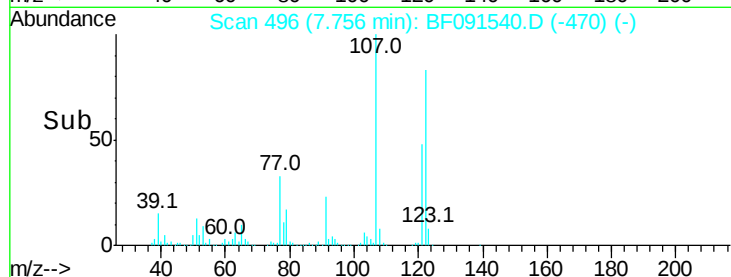
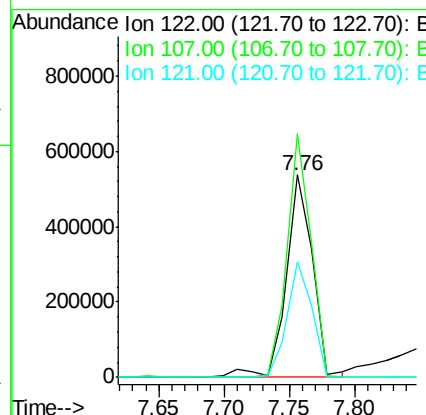
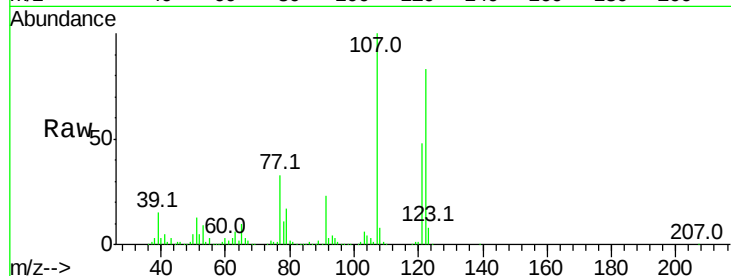
#27
 2,4-Dimethylphenol
 Concen: 42.89 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	759351		
107	120.4	96.8	145.2	
121	57.2	47.7	71.5	

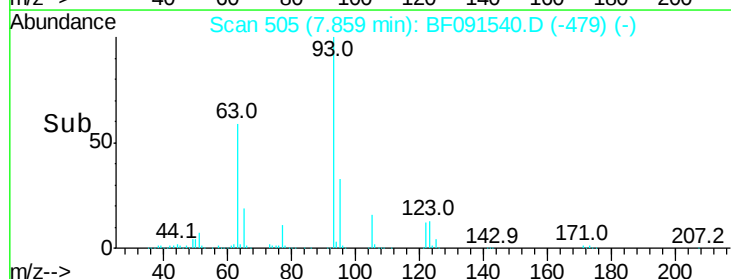
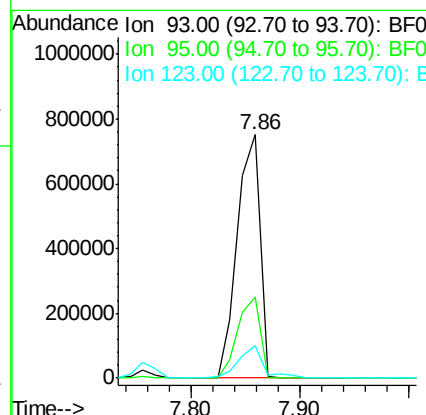
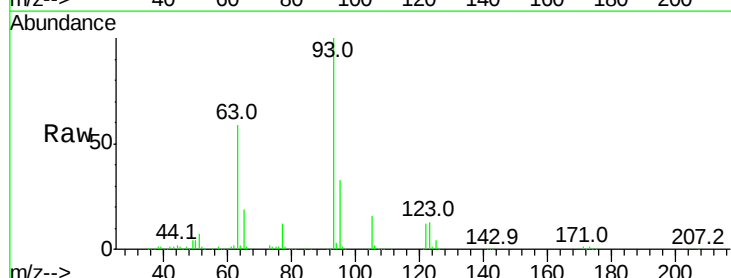
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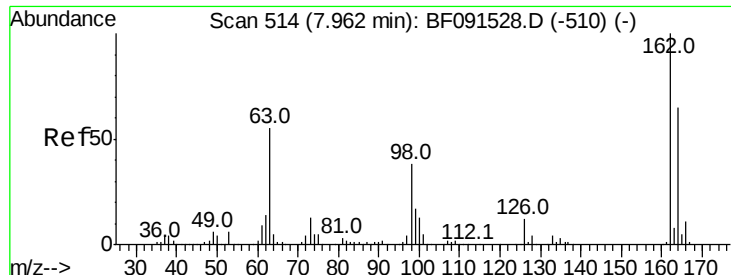
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.71 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1075245		
95	33.2	26.0	39.0	
123	13.1	8.6	12.8#	





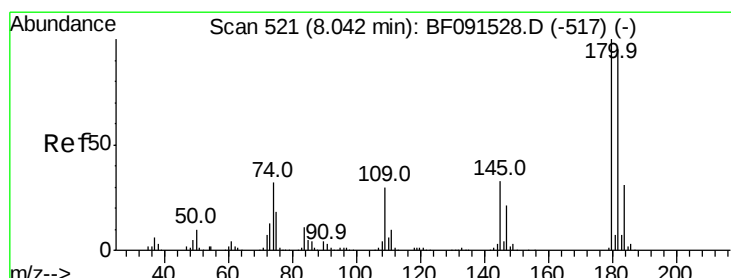
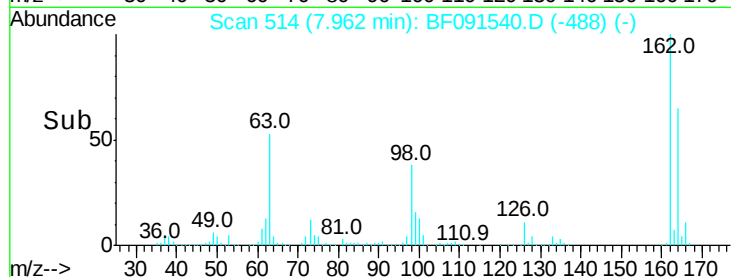
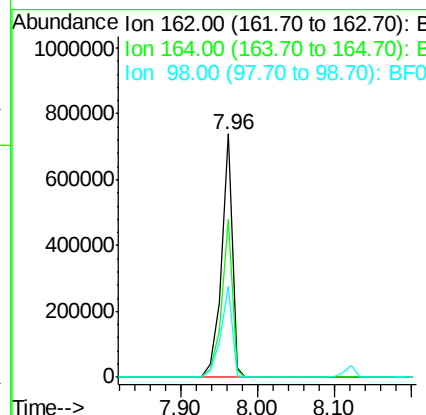
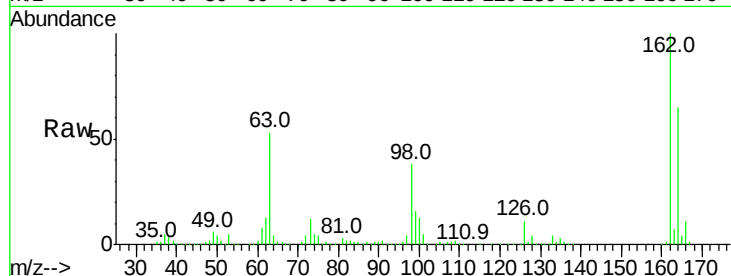
#29
 2,4-Dichlorophenol
 Concen: 46.47 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	715709		
164	64.7		45.0	85.0
98	37.5		21.3	61.3

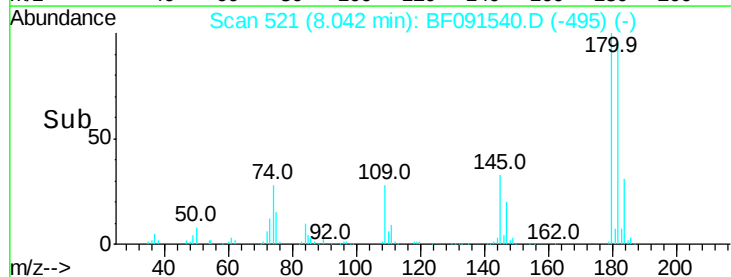
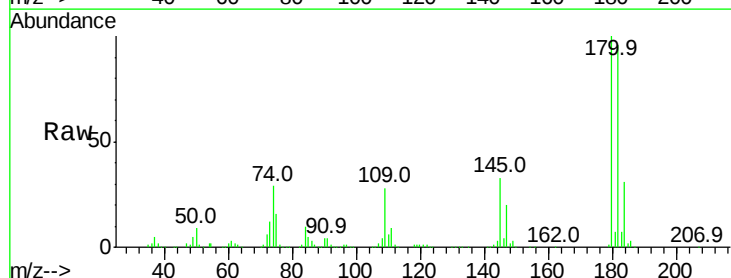
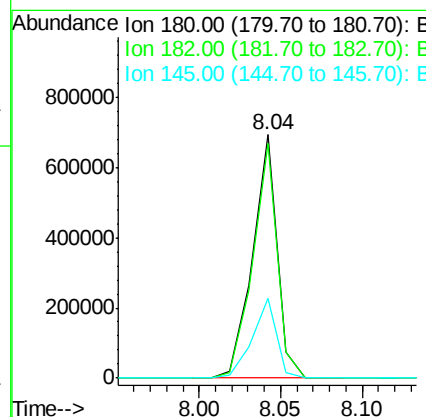
Manual Integrations
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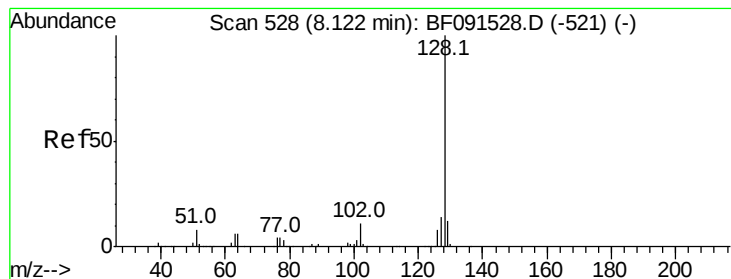
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.22 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	721558		
182	96.4		75.8	113.8
145	32.7		27.0	40.4





#31

Naphthalene

Concen: 41.92 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:128 Resp: 2352932

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

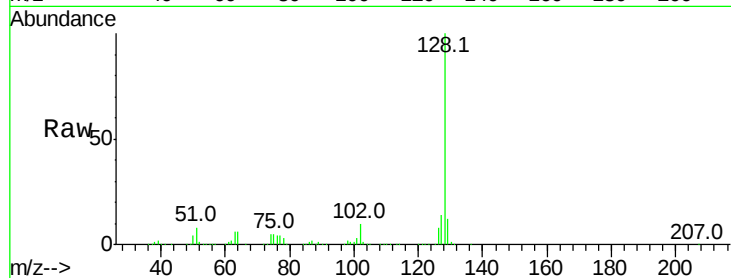
127 13.7 11.0 16.4

Manual Integrations

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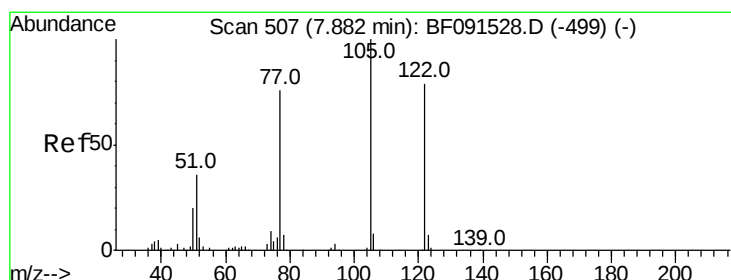
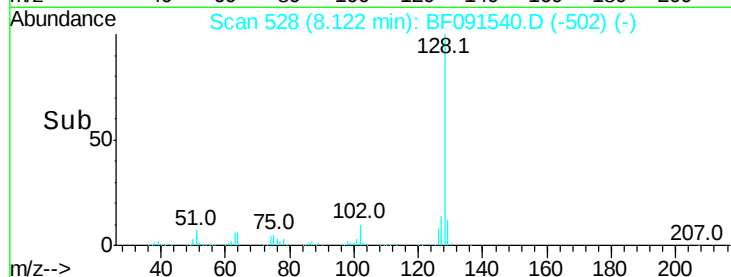
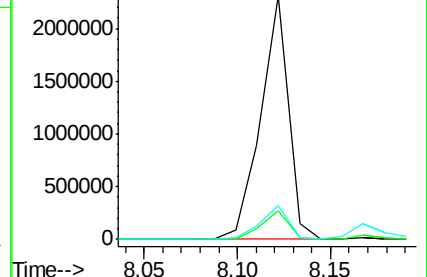
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.25 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

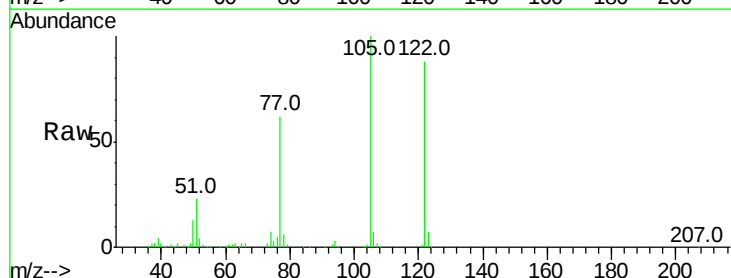
Tgt Ion:122 Resp: 528512

Ion Ratio Lower Upper

122 100

105 114.2 113.0 153.0

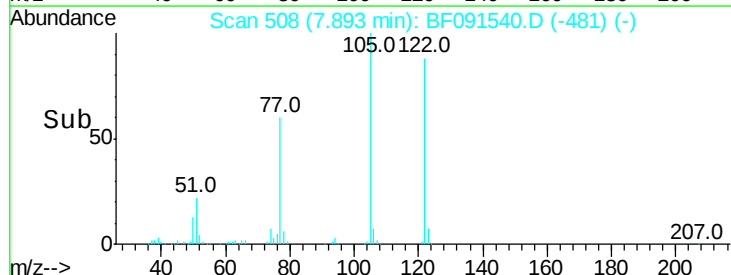
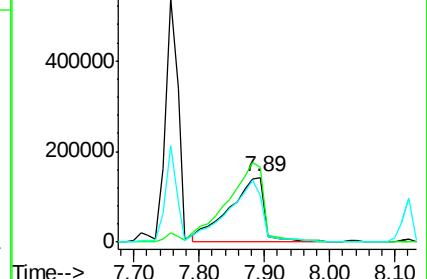
77 70.8 82.0 122.0#

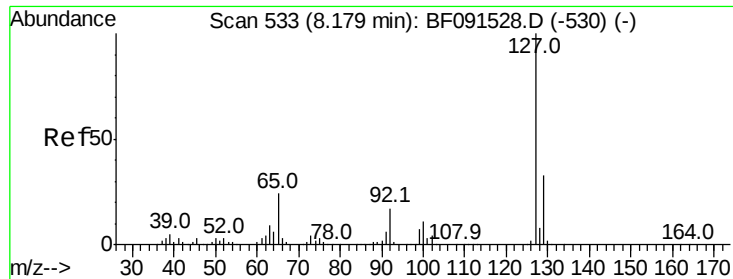


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





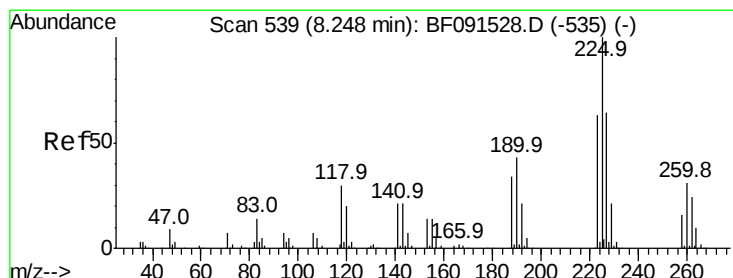
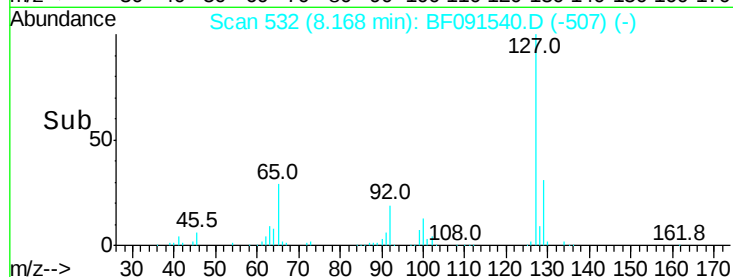
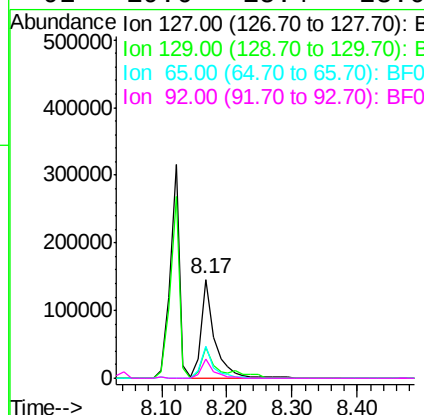
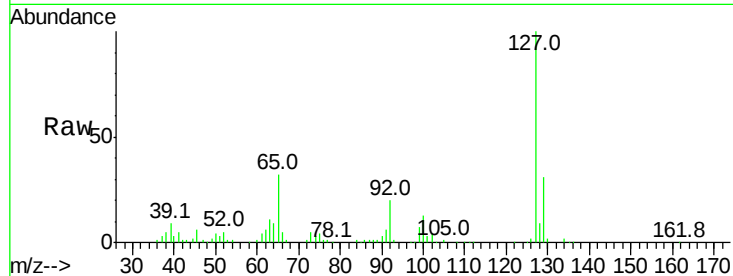
#33
4-Chloroaniline
Concen: 8.65 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.2	26.2	39.4
65	32.5	26.6	39.8
92	19.6	15.4	23.0

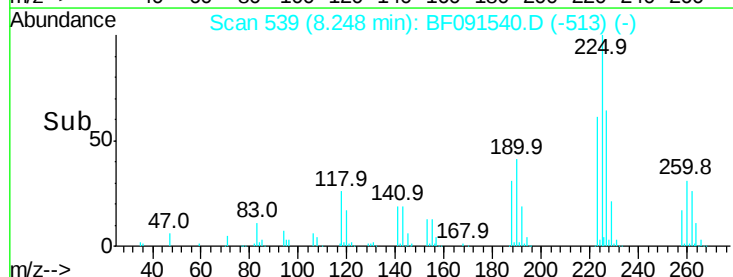
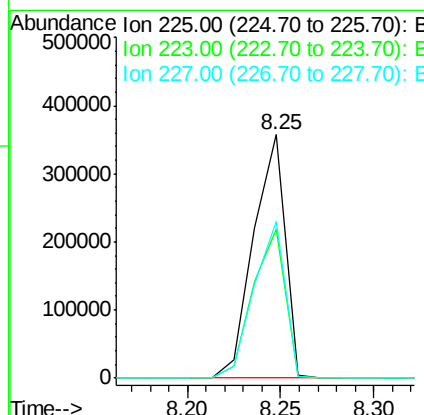
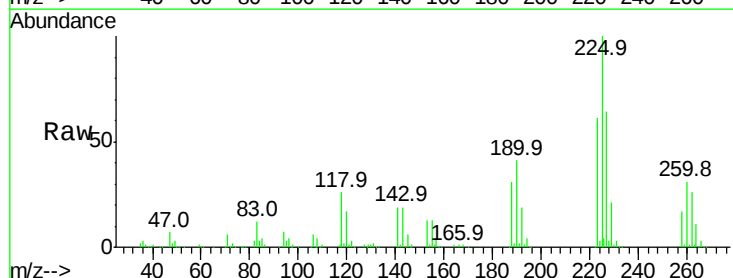
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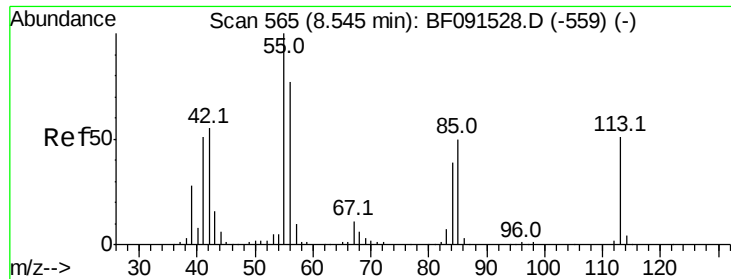
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#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.2	49.8	74.6
227	64.2	52.6	79.0





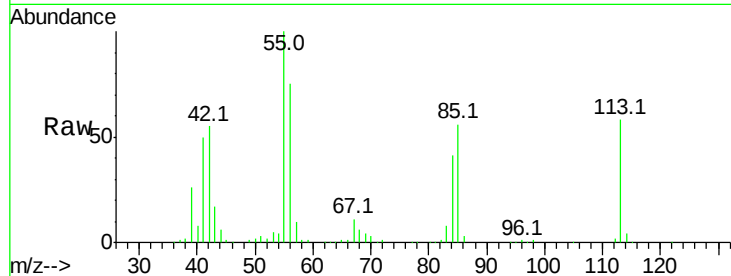
#35
 Caprolactam
 Concen: 50.58 ng/ml
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleID :
 PB95152BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.7	239.8	279.8#
56	129.4	165.6	205.6#

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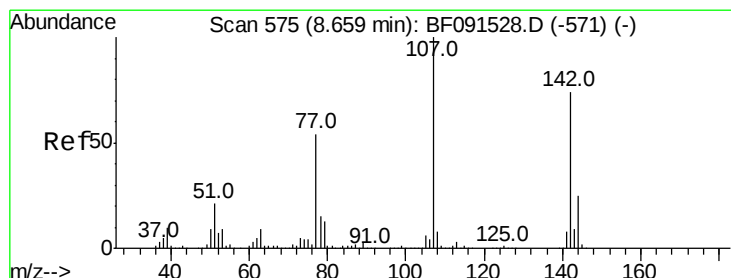
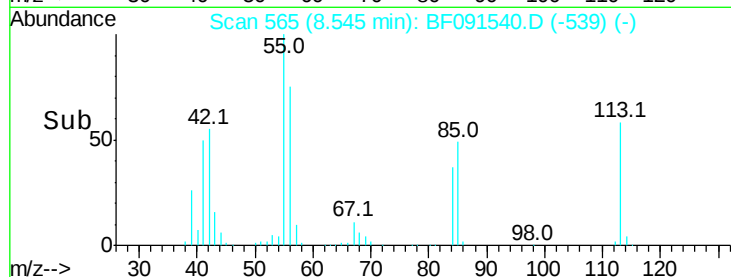
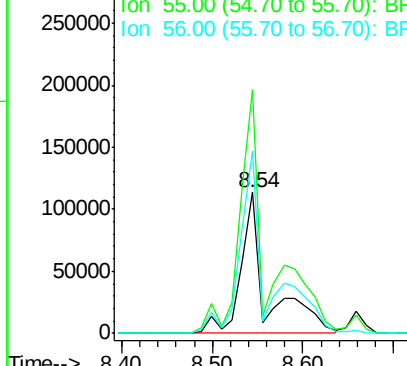
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



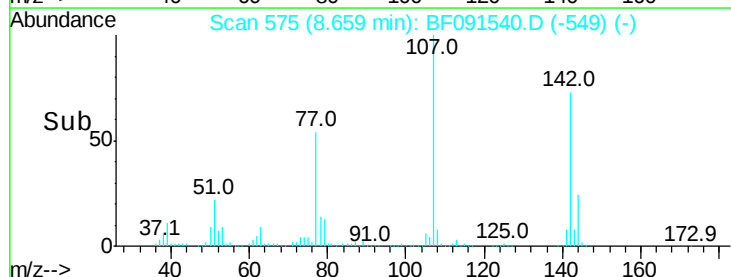
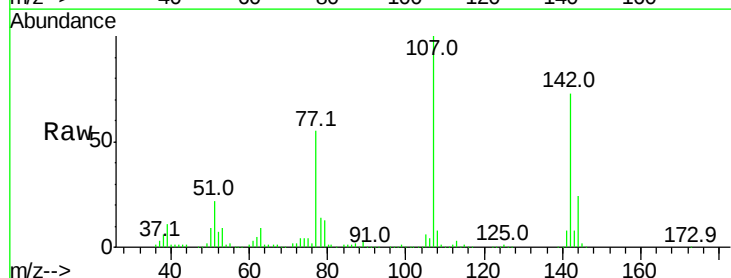
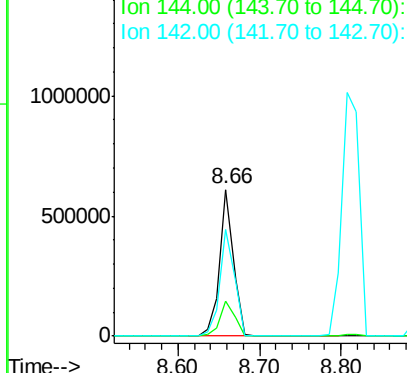
#36
 4-Chloro-3-methylphenol
 Concen: 41.58 ng/ml
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

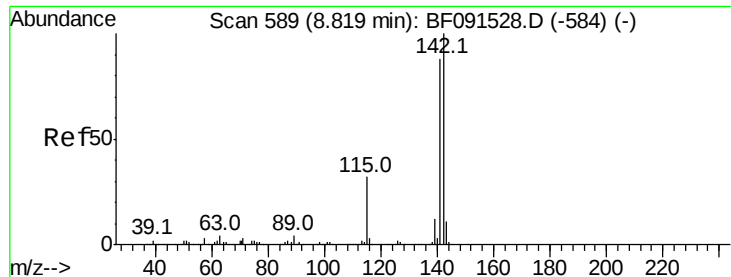
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.9	28.3
142	72.6	58.5	87.7

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.05 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:142 Resp: 1527483

Ion Ratio Lower Upper

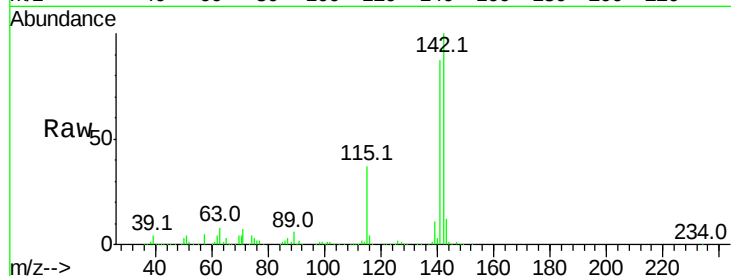
142 100

141 87.1 71.7 107.5

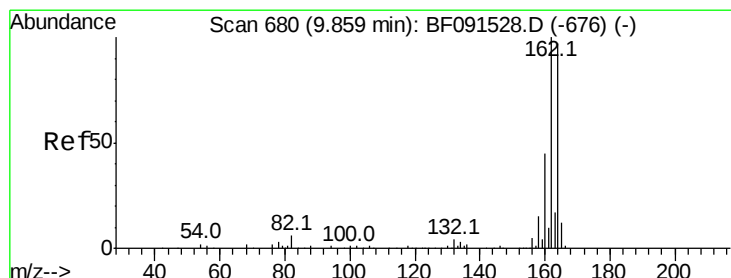
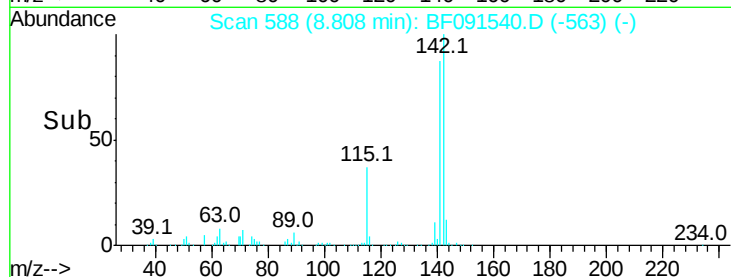
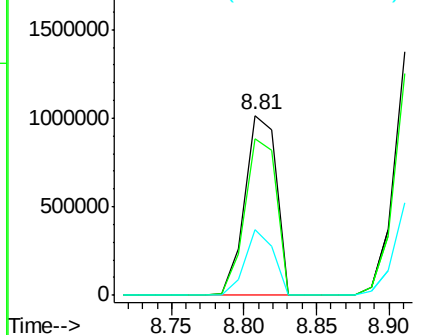
115 36.6 25.0 37.6

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

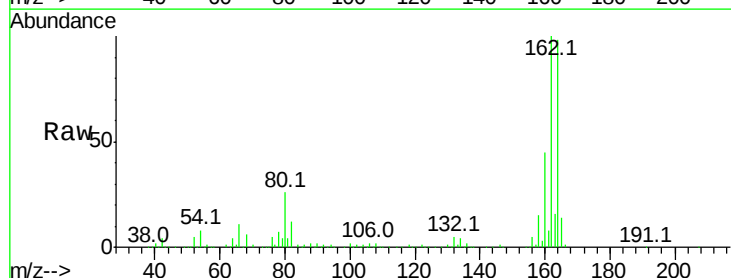
Tgt Ion:164 Resp: 601390

Ion Ratio Lower Upper

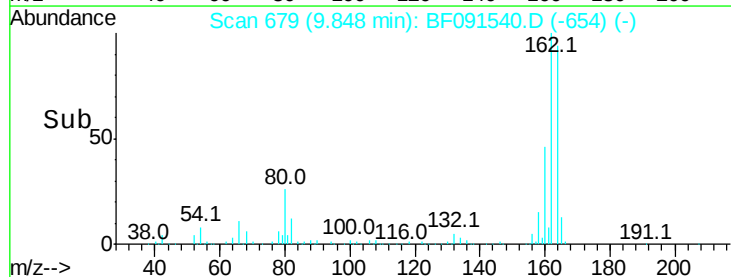
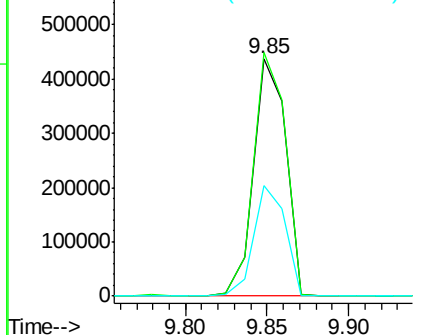
164 100

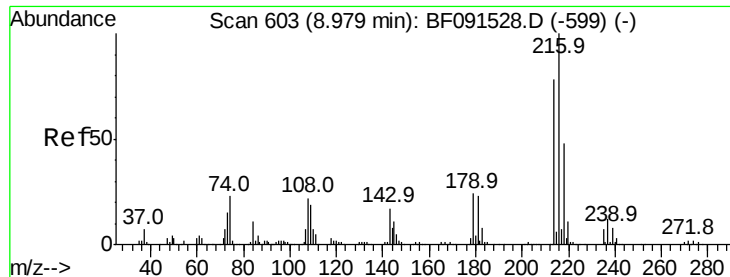
162 102.4 82.6 124.0

160 46.6 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.06 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

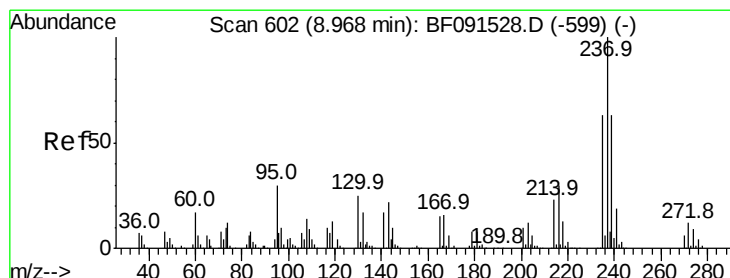
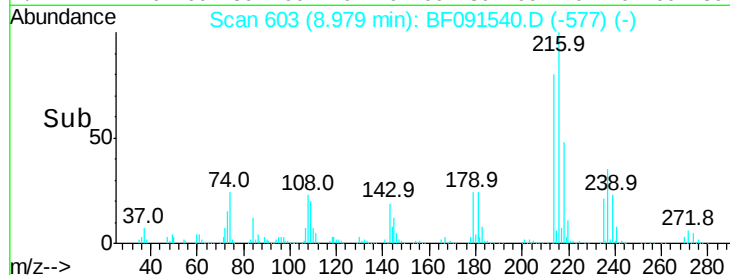
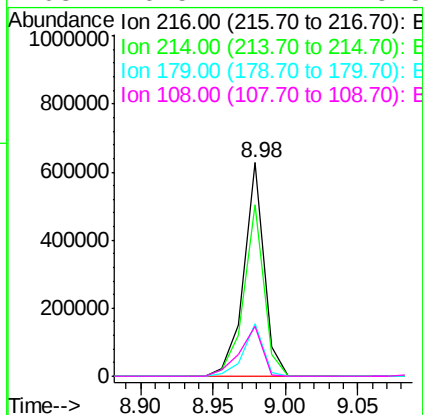
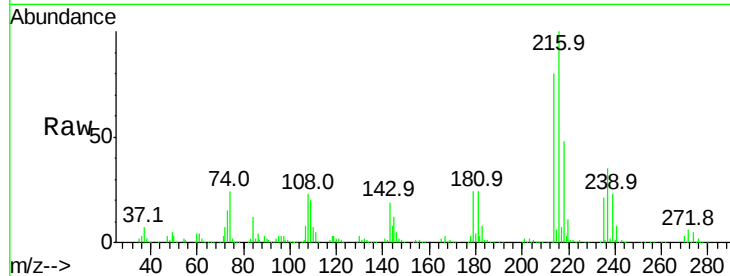
ClientSampleId :

PB95152BSD

Tot Ion:	216	Resp:	611376
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.8	95.8
179	23.3	18.2	27.2
108	26.5	17.2	25.8#

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#40

Hexachlorocyclopentadiene

Concen: 97.66 ng

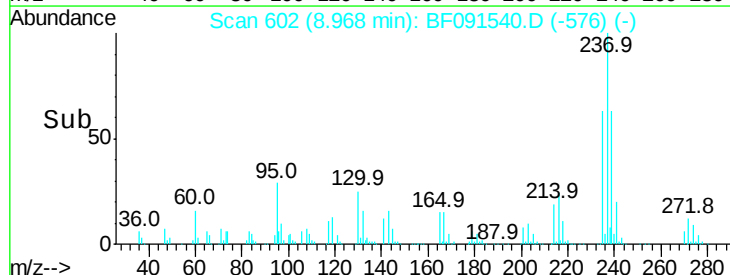
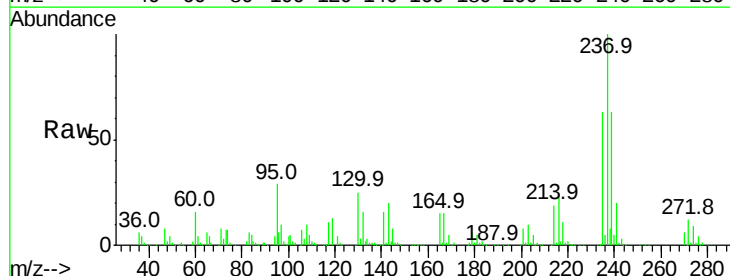
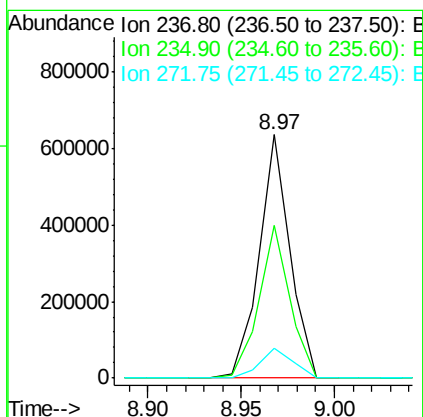
RT: 8.97 min Scan# 602

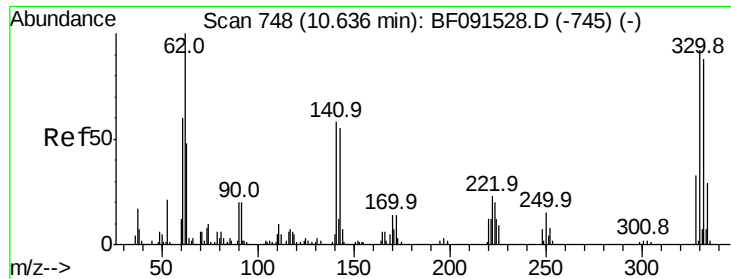
Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:	237	Resp:	718184
Ion Ratio		Lower	Upper
237	100		
235	62.6	43.9	83.9
272	12.2	0.0	33.1





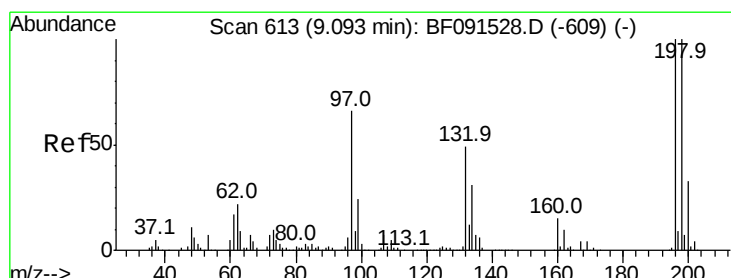
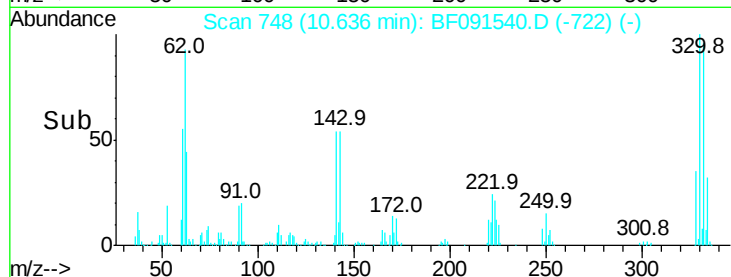
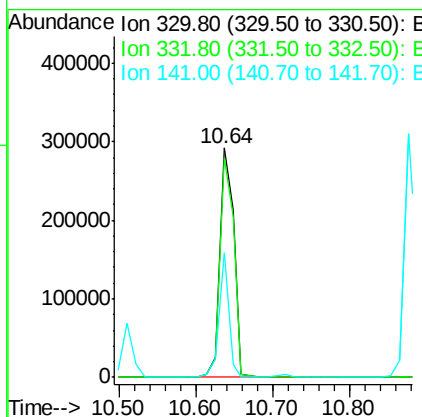
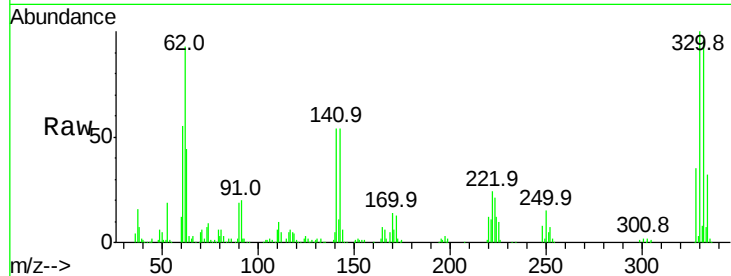
#41
 2,4,6-Tribromophenol
 Concen: 74.61 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	372667		
332	95.7	76.2	114.4	
141	37.8	33.6	50.4	

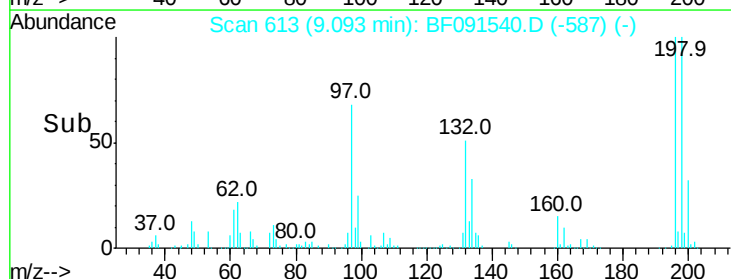
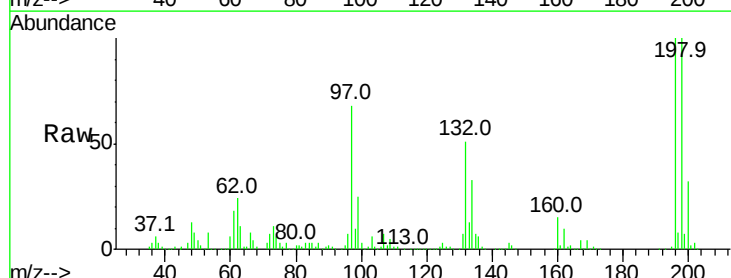
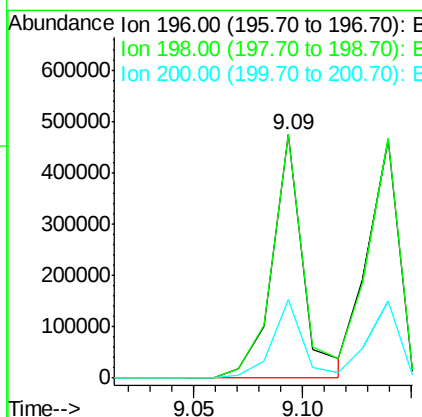
Manual Integrations
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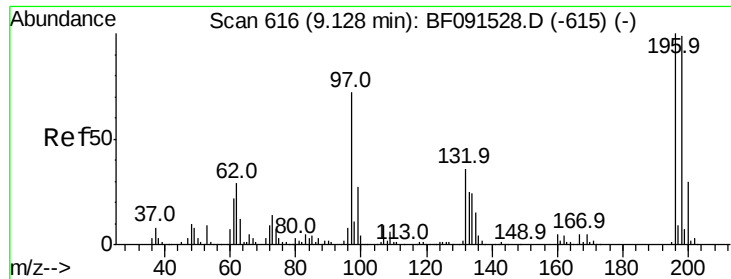
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#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	473022		
198	100.2	77.4	116.0	
200	32.3	25.2	37.8	





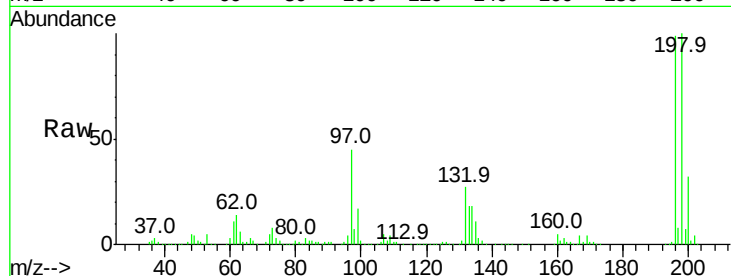
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

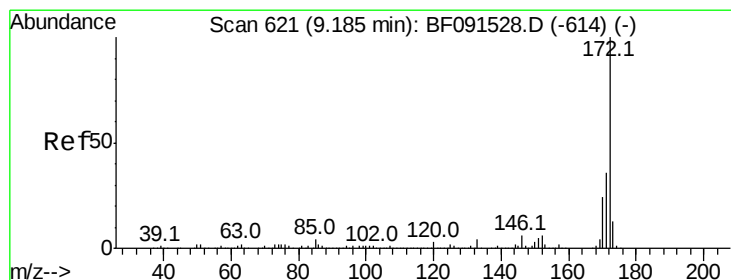
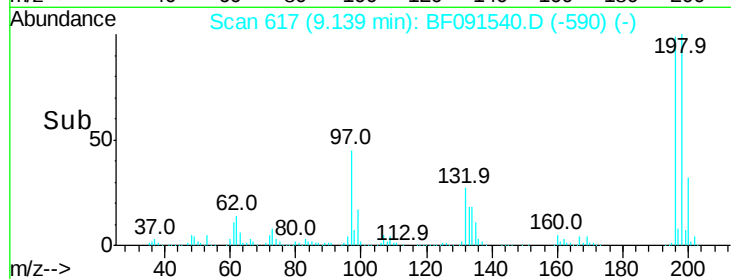
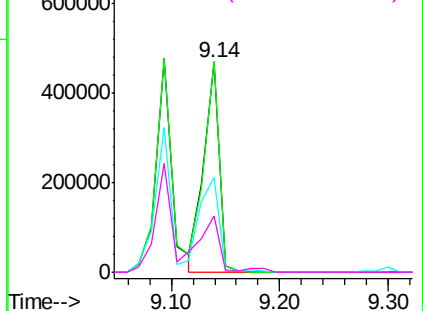
Tot Ion	Ratio	Resp	Lower	Upper
196	100	467115		
198	100.6	77.0	115.6	
97	45.0	33.5	50.3	
132	27.2	20.5	30.7	

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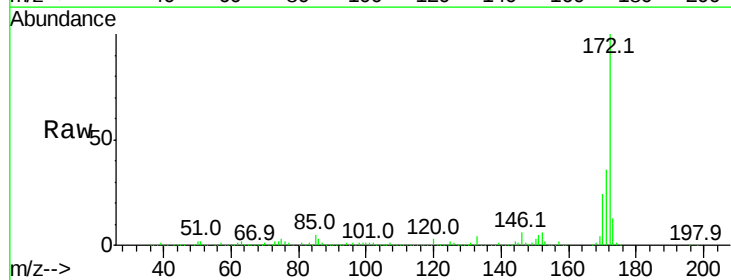


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

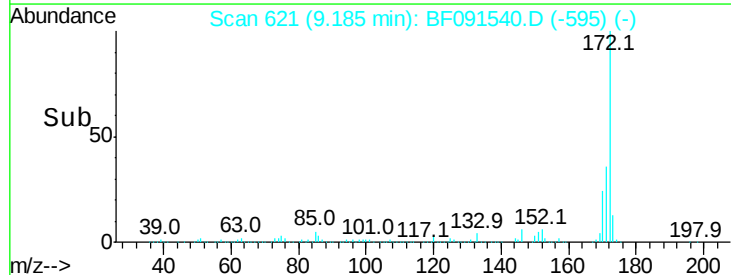
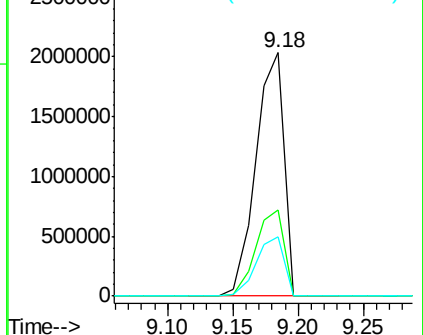


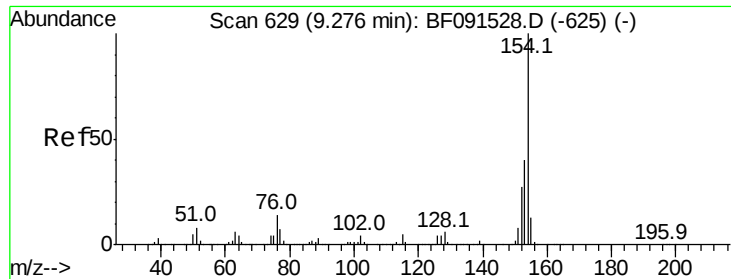
#44
 2-Fluorobiphenyl
 Concen: 87.59 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3048671		
171	35.5	29.4	44.0	
170	24.4	19.7	29.5	



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: 40.08 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:154 Resp: 1745933

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

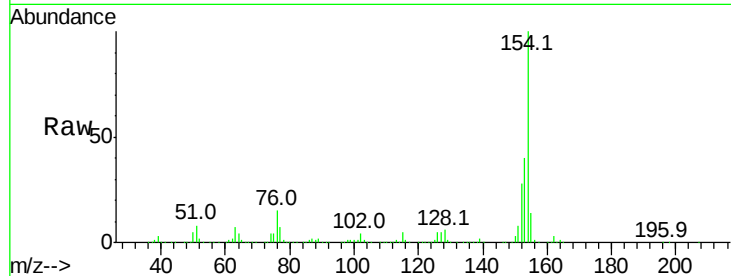
76 14.6 0.0 36.6

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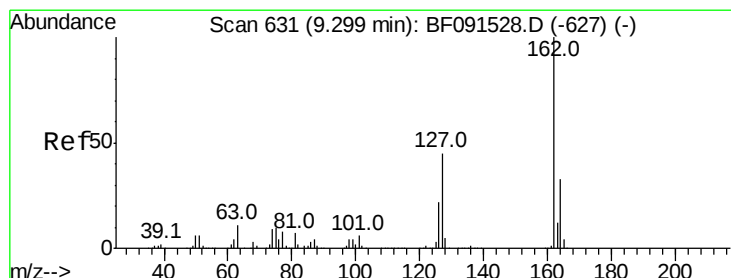
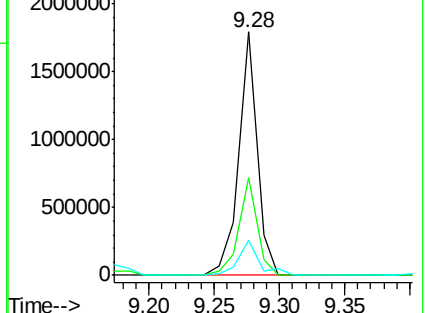
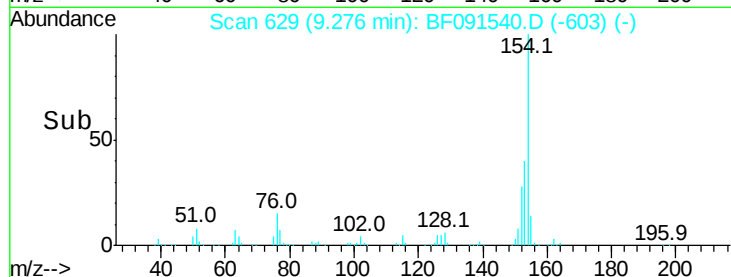
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.69 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

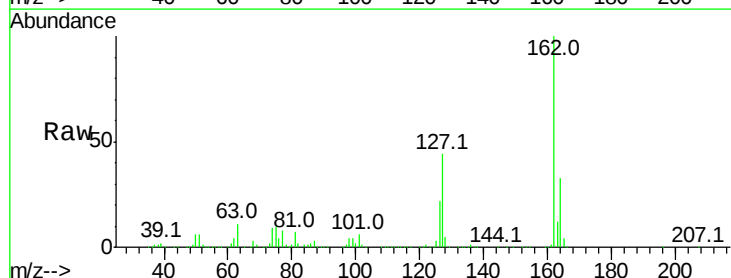
Tgt Ion:162 Resp: 1338712

Ion Ratio Lower Upper

162 100

127 43.9 34.3 51.5

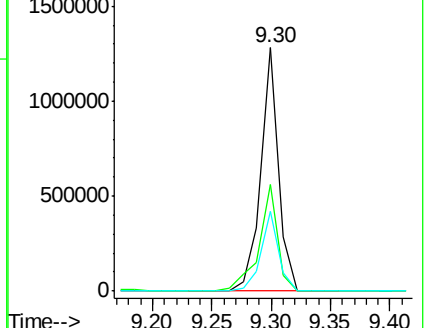
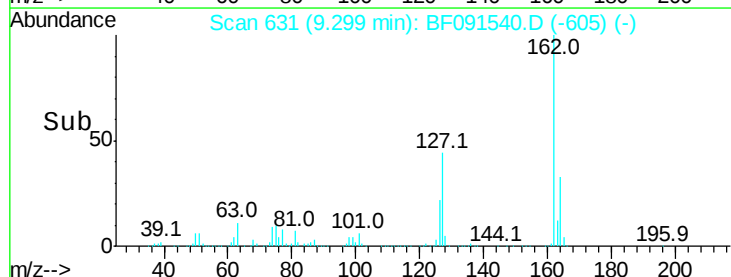
164 33.0 26.6 40.0

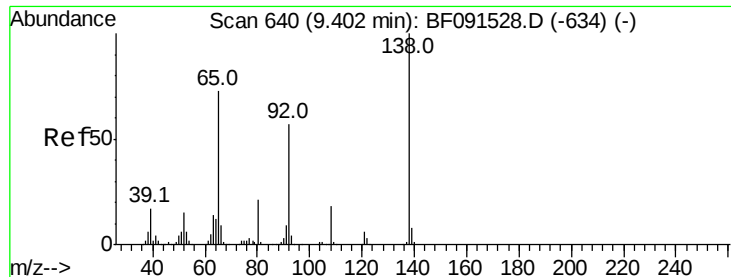


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





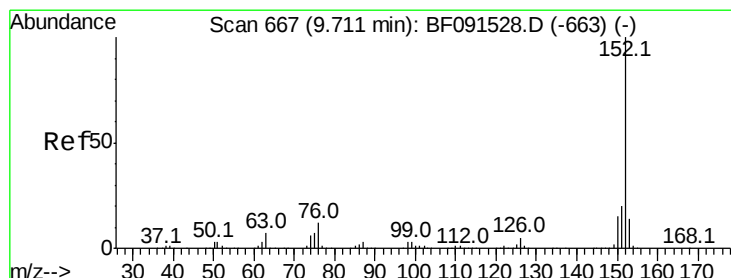
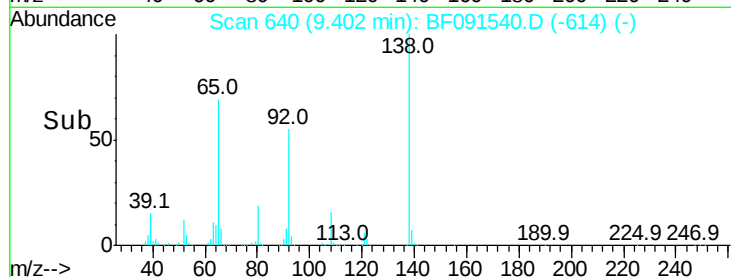
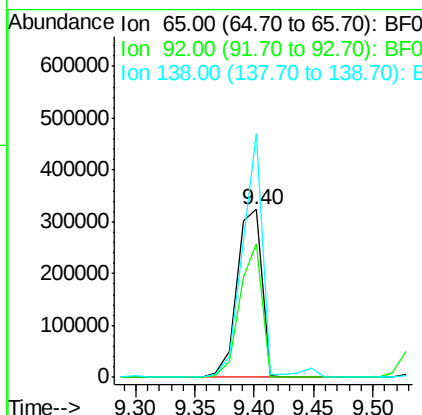
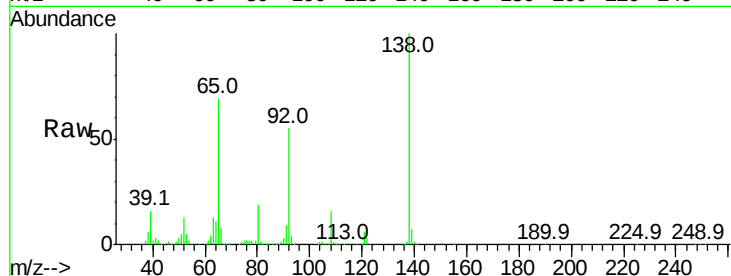
#47
2-Nitroaniline
Concen: 41.61 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.7	53.6	80.4
138	145.0	91.0	136.6

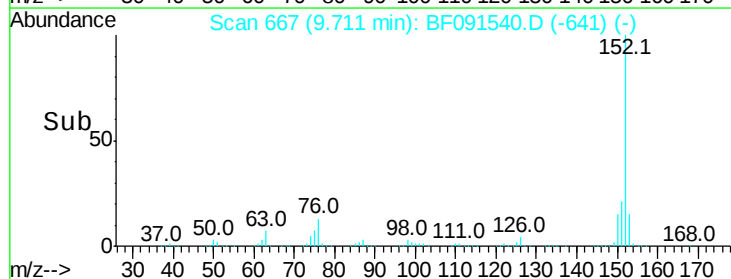
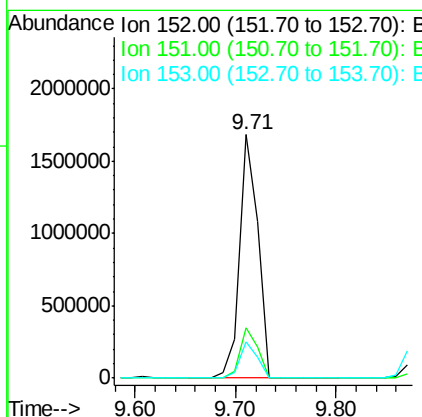
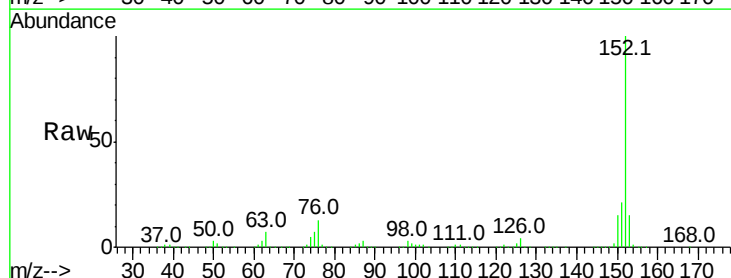
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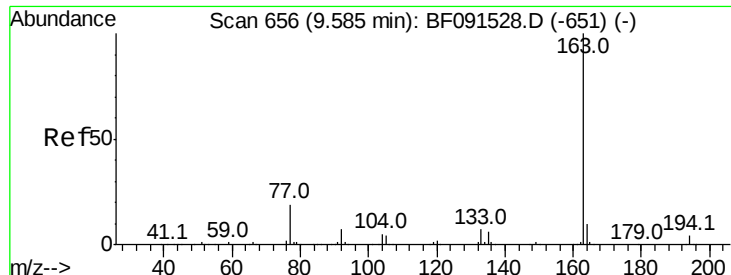
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#48
Acenaphthylene
Concen: 41.11 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.7	10.7	16.1





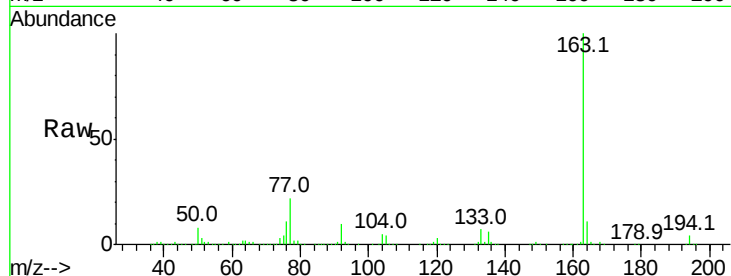
#49
Dimethylphthalate
Concen: 43.51 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

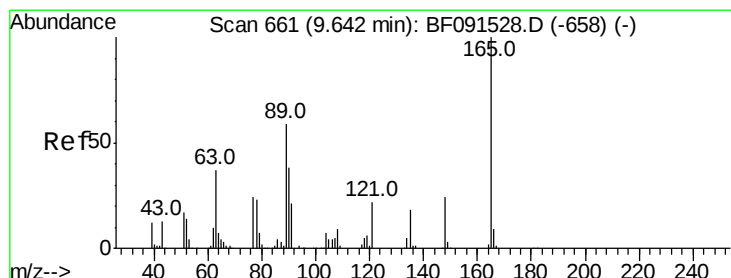
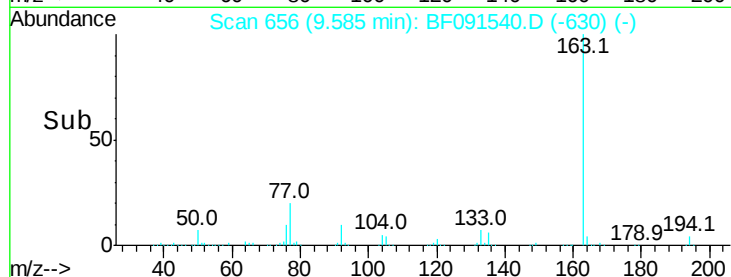
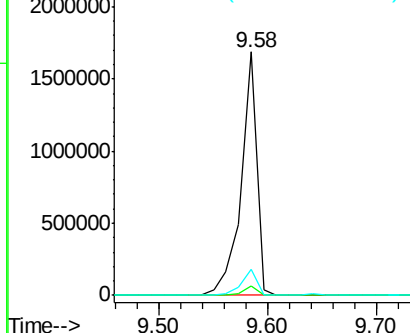
Tot Ion:163 Resp: 1656934
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 7.8 11.8

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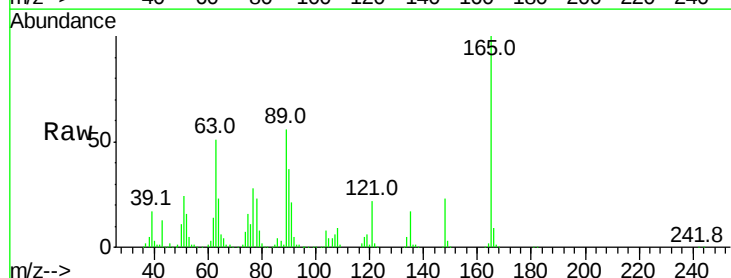


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

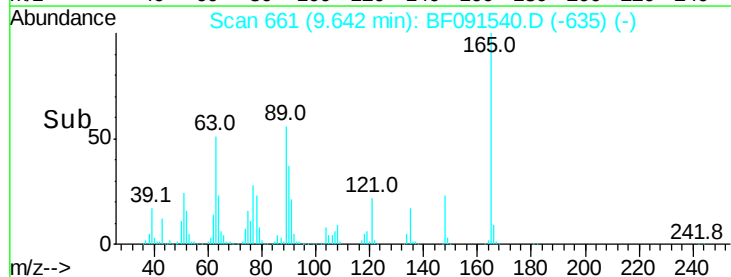
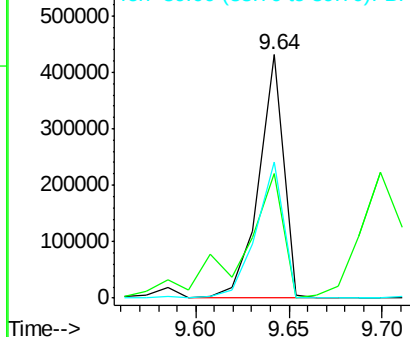


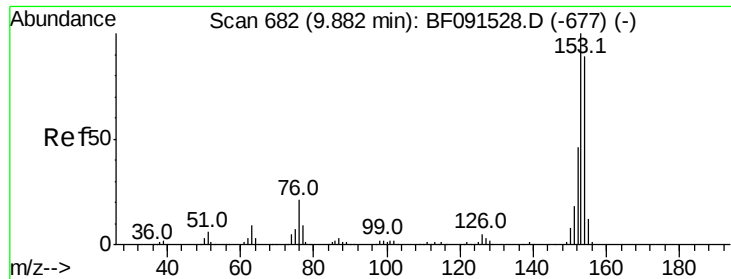
#50
2,6-Dinitrotoluene
Concen: 47.14 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:165 Resp: 394028
Ion Ratio Lower Upper
165 100
63 51.3 59.4 89.0#
89 55.8 50.8 76.2



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





#51

Acenaphthene

Concen: 43.07 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:154 Resp: 1538065

Ion Ratio Lower Upper

154 100

153 111.9 91.0 136.6

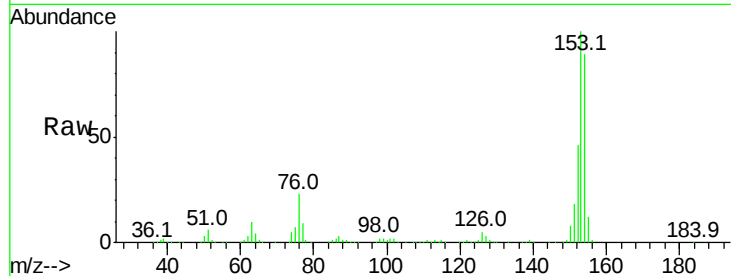
152 51.8 44.2 66.2

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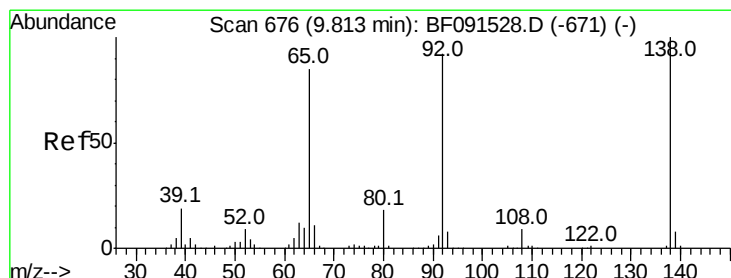
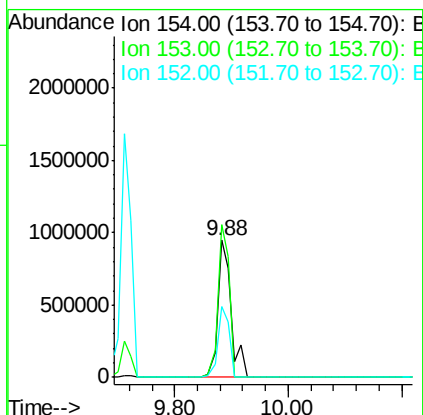
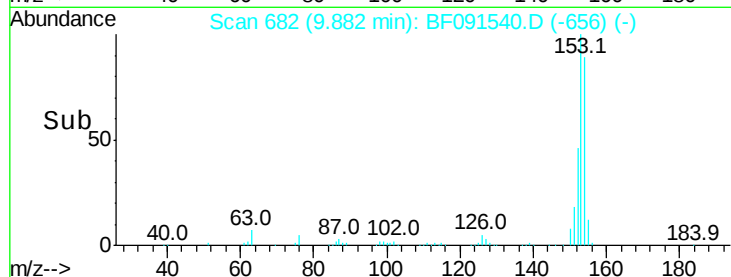
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.77 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

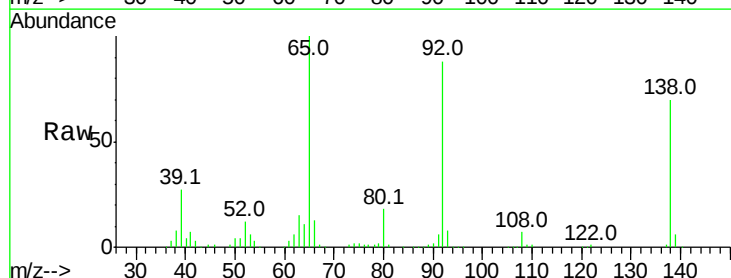
Tgt Ion:138 Resp: 174431

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

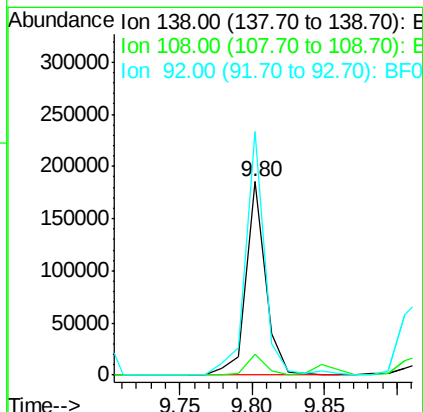
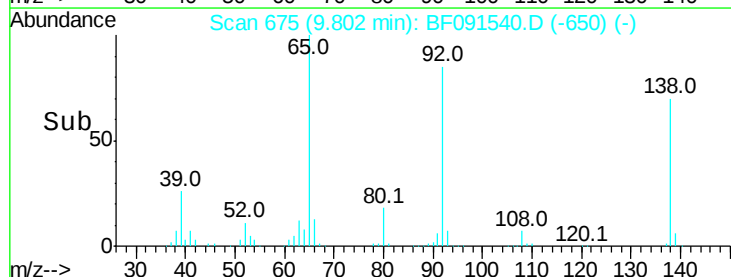
92 125.8 92.5 138.7

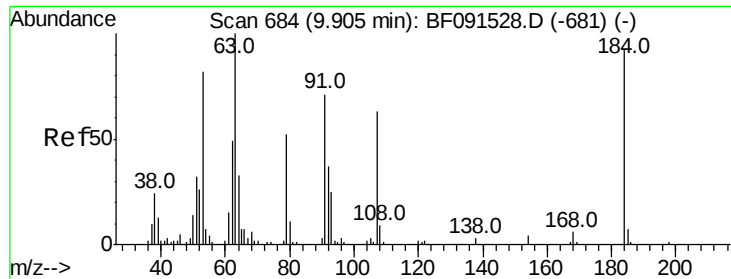


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





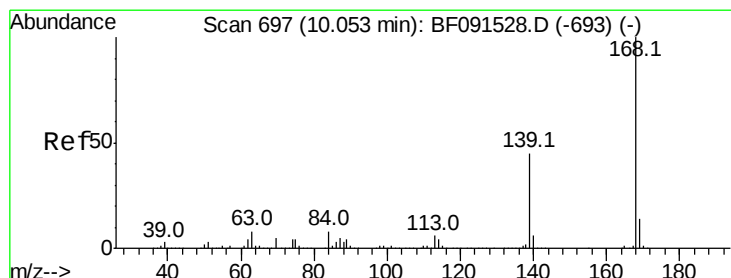
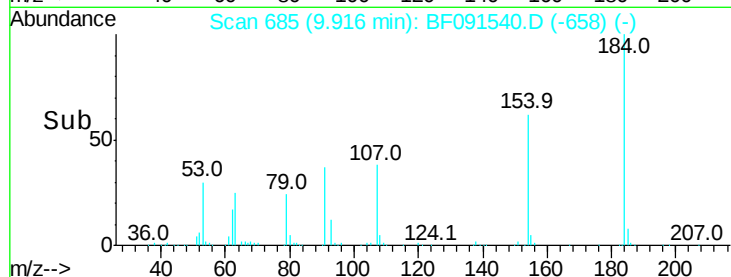
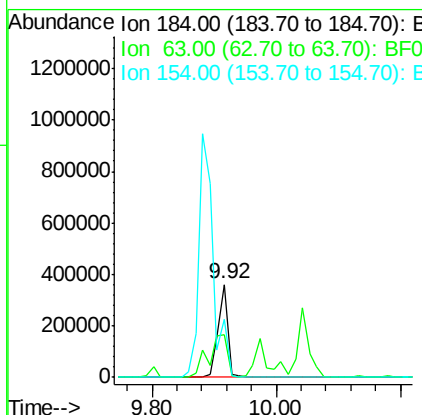
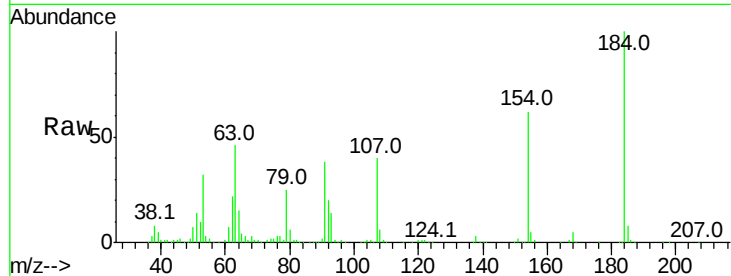
#53
2,4-Dinitrophenol
Concen: 77.75 na
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion:184 Resp: 377838
Ion Ratio Lower Upper
184 100
63 45.9 58.3 87.5#
154 62.0 48.6 73.0

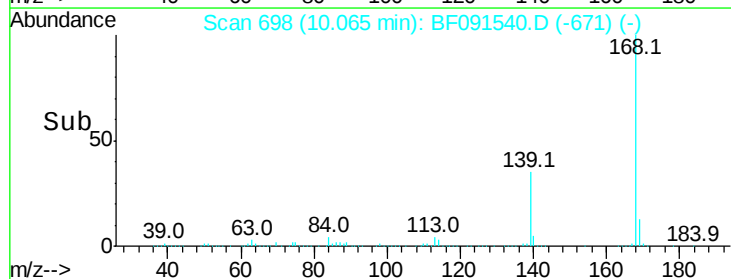
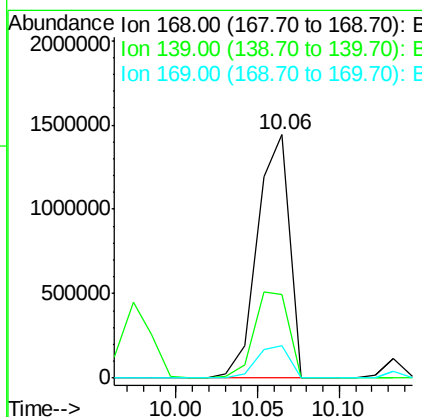
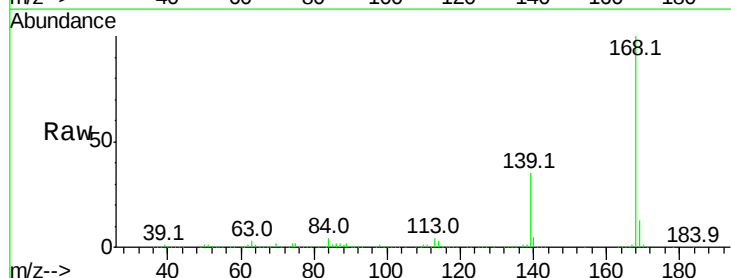
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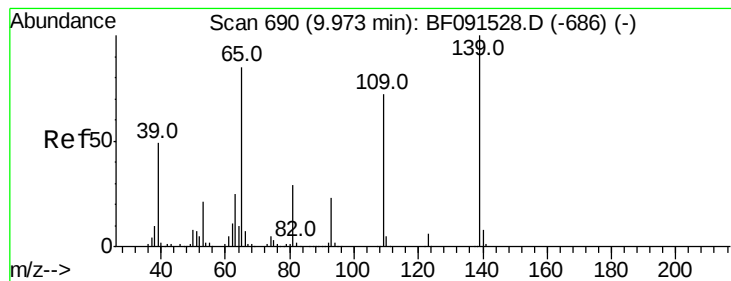
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#54
Dibenzofuran
Concen: 44.29 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:168 Resp: 1957054
Ion Ratio Lower Upper
168 100
139 34.6 33.4 50.2
169 13.4 11.1 16.7





#55

4-Nitrophenol

Concen: 81.07 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

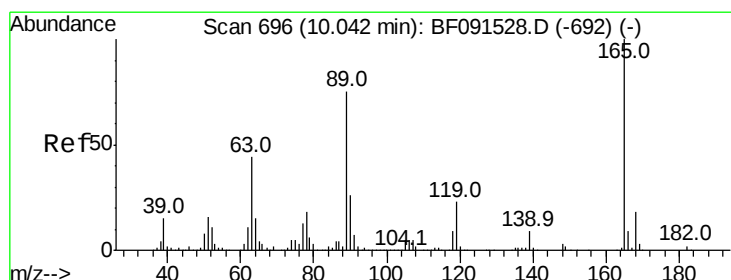
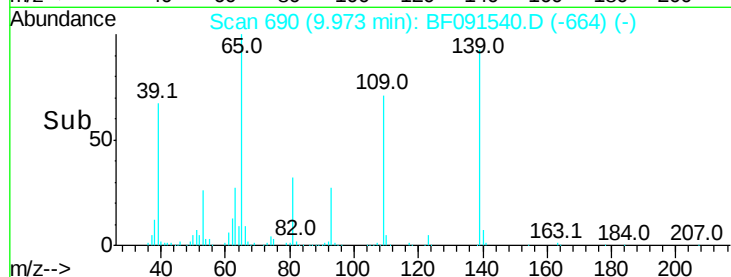
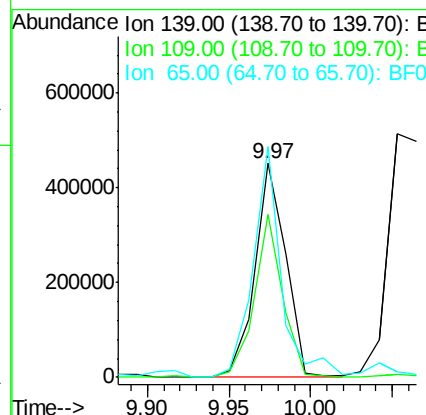
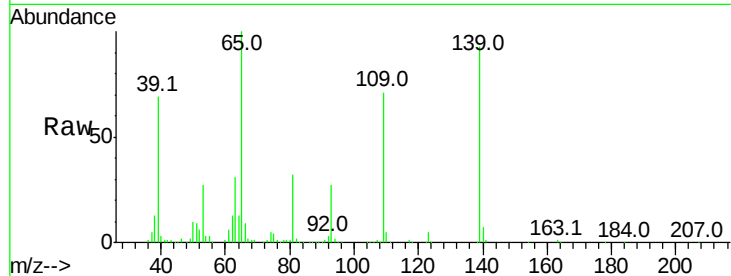
ClientSampleId :

PB95152BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.5	54.9	94.9	
65	107.8	102.2	142.2	

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#56

2,4-Dinitrotoluene

Concen: 43.95 ng

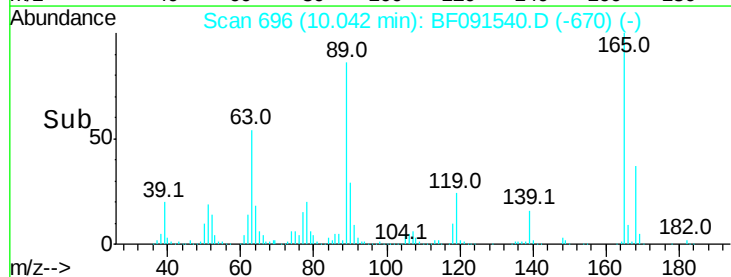
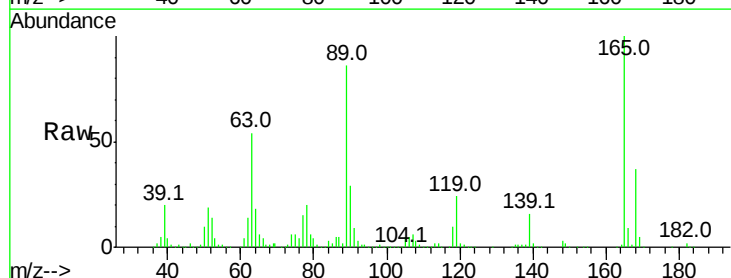
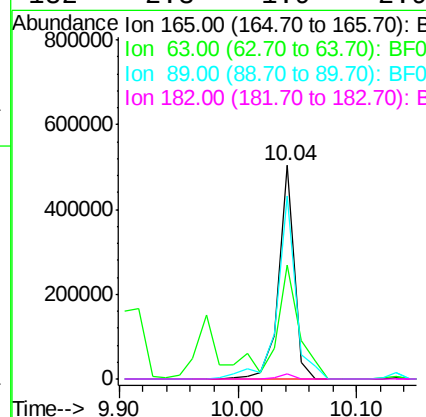
RT: 10.04 min Scan# 696

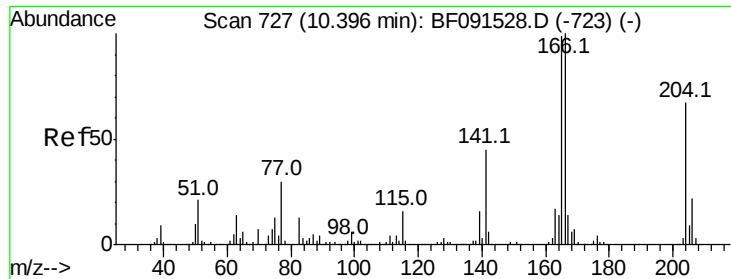
Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	29.0	43.4#	
89	85.7	43.1	64.7#	
182	2.3	1.9	2.9	





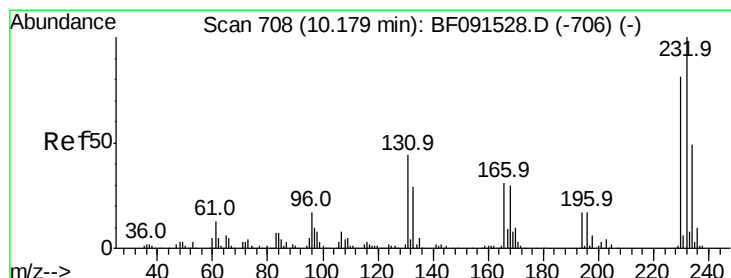
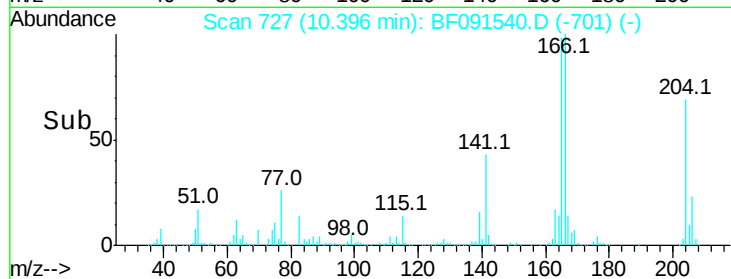
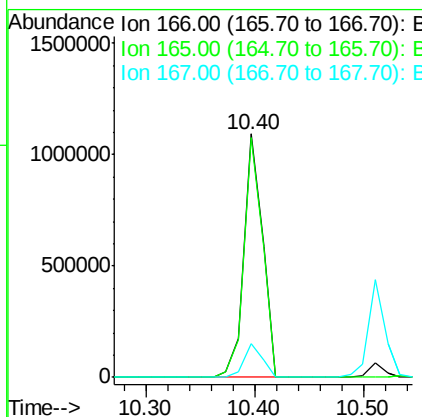
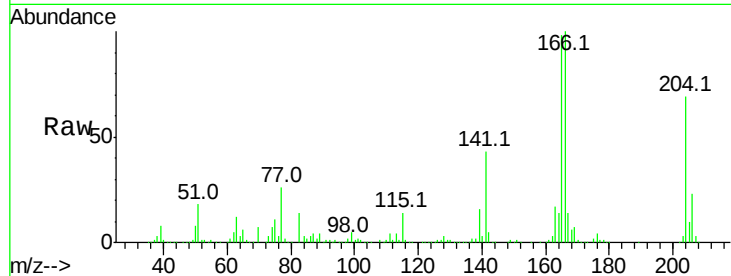
#57
Fluorene
 Concen: 40.57 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.0	120.0
167	14.0	10.8	16.2

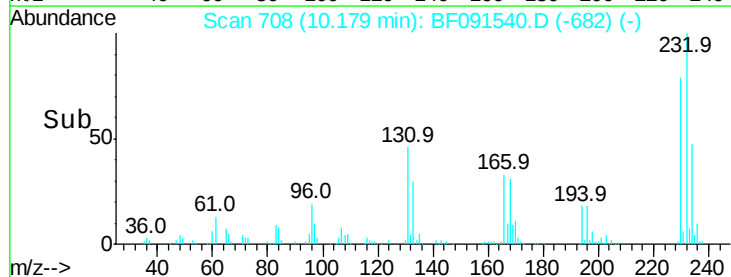
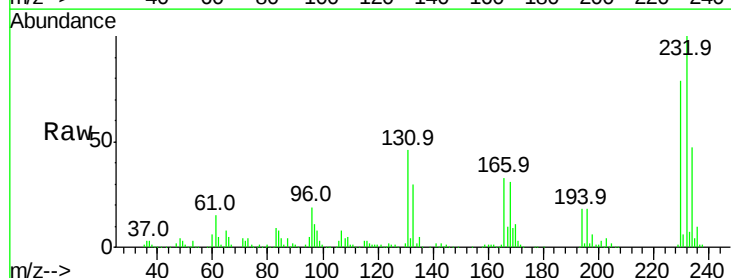
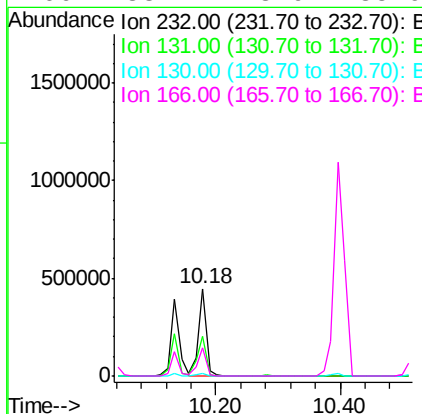
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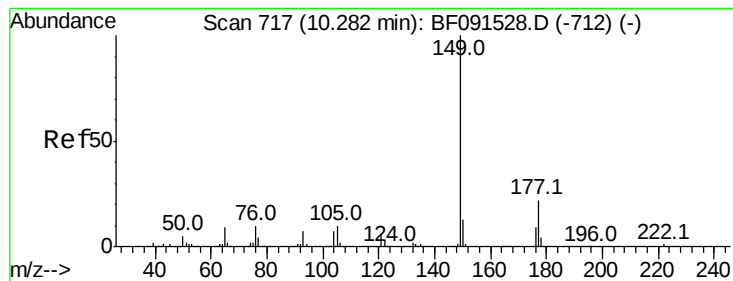
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.89 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.1	38.4	57.6
130	2.6	1.8	2.8
166	33.7	23.9	35.9





#59

Diethylphthalate

Concen: 44.57 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:149 Resp: 1634361

Ion Ratio Lower Upper

149 100

177 21.9 15.7 23.5

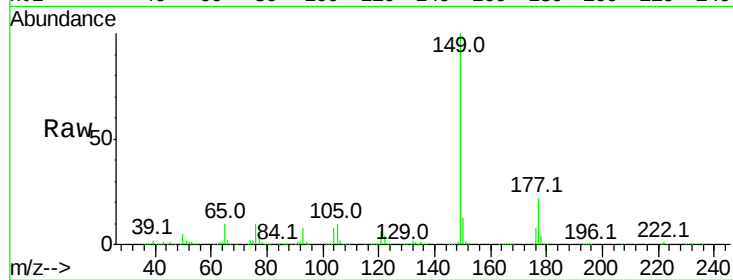
150 12.6 10.2 15.2

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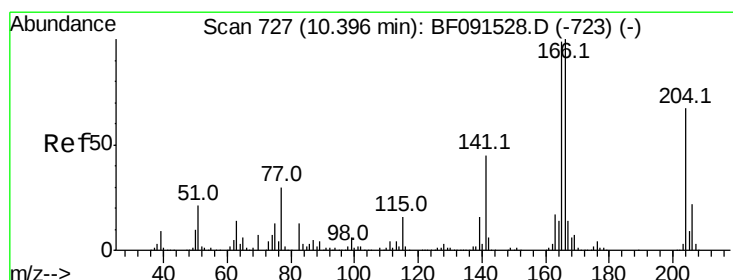
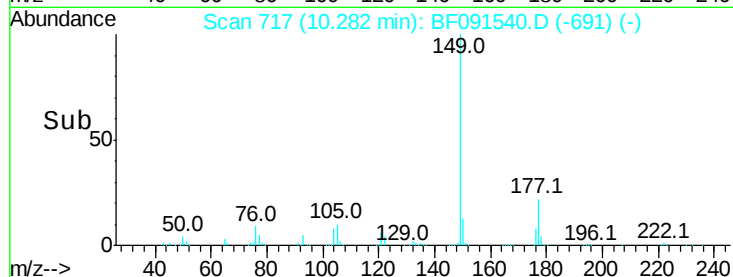
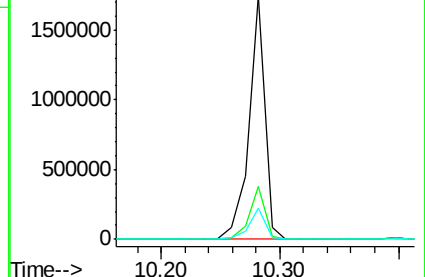
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.72 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

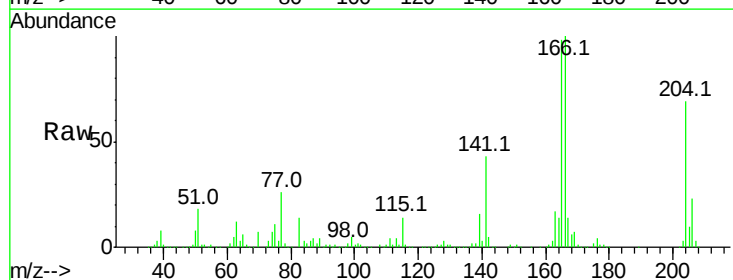
Tgt Ion:204 Resp: 678662

Ion Ratio Lower Upper

204 100

206 33.7 26.1 39.1

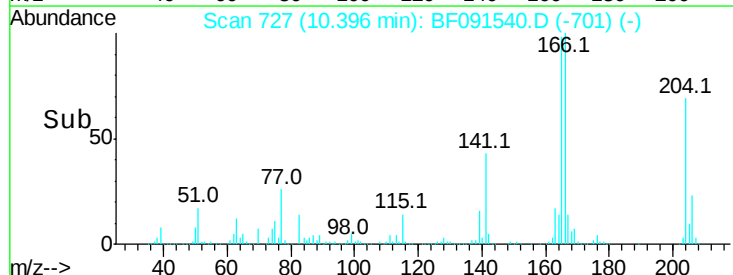
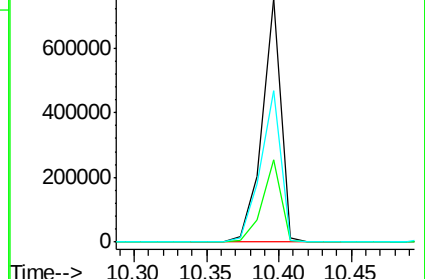
141 62.1 40.6 61.0#

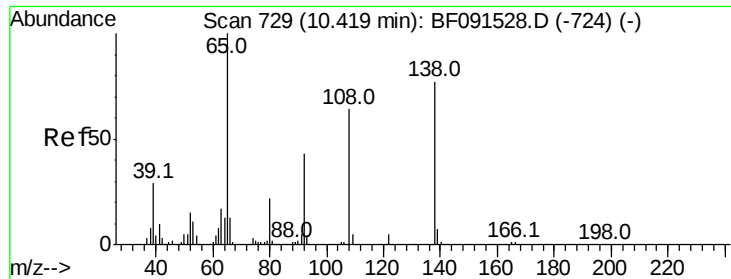


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





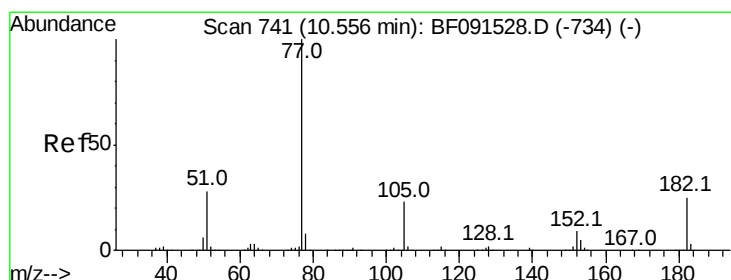
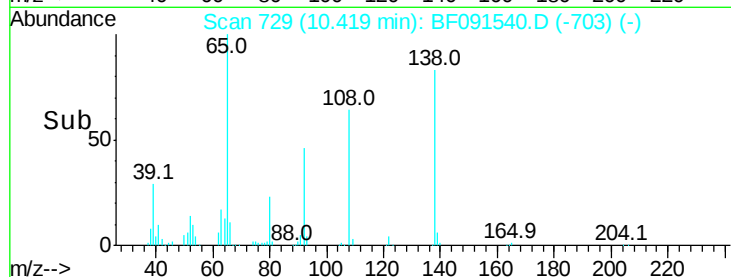
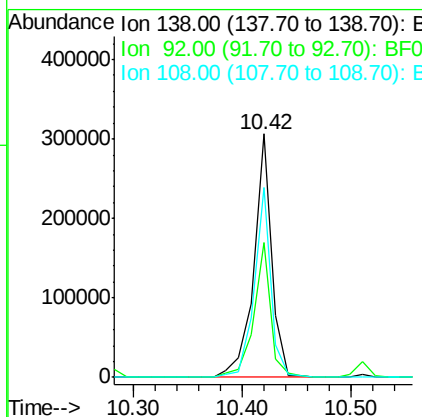
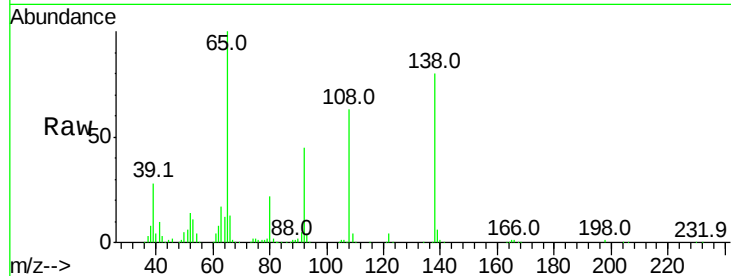
#61
4-Nitroaniline
Concen: 36.50 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	26.9	66.9
108	78.1	49.1	89.1

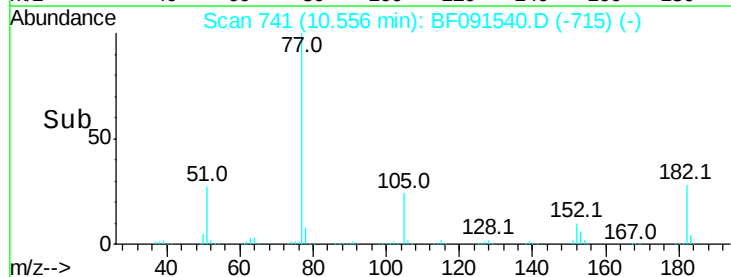
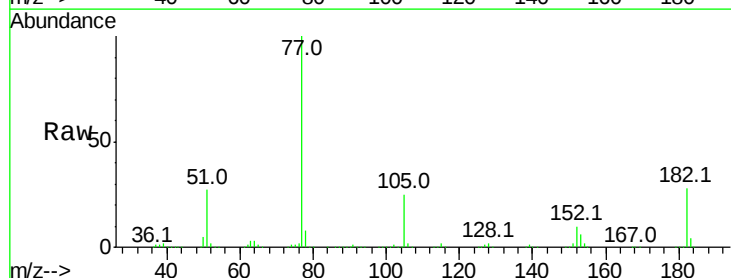
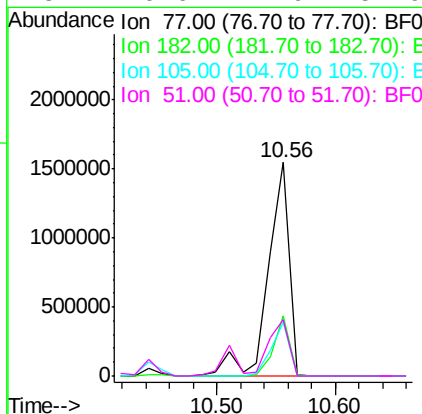
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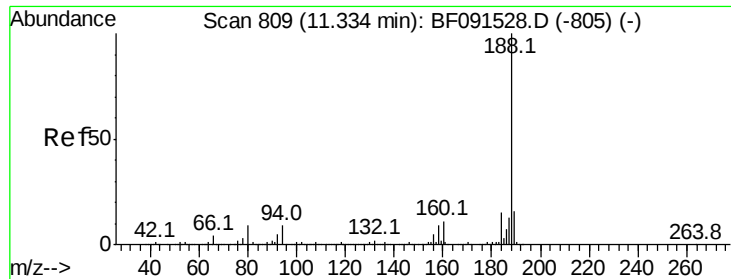
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#62
Azobenzene
Concen: 46.00 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	12.5	52.5
105	24.9	3.7	43.7
51	26.6	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

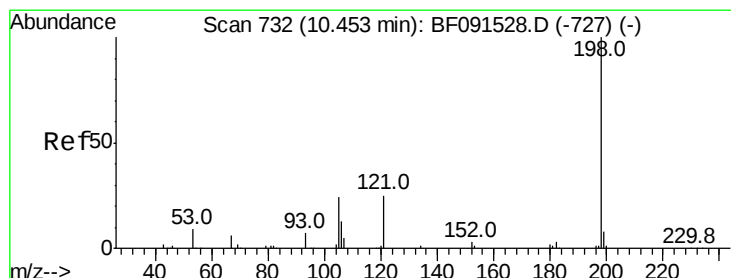
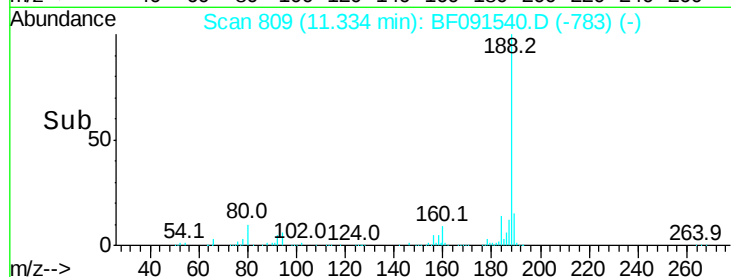
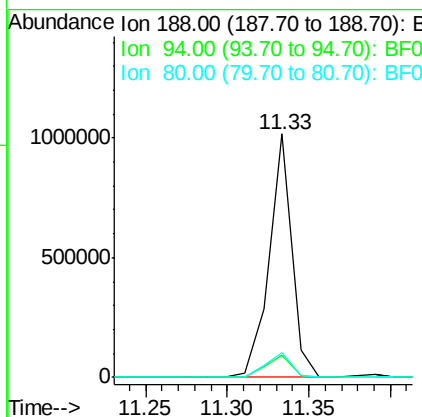
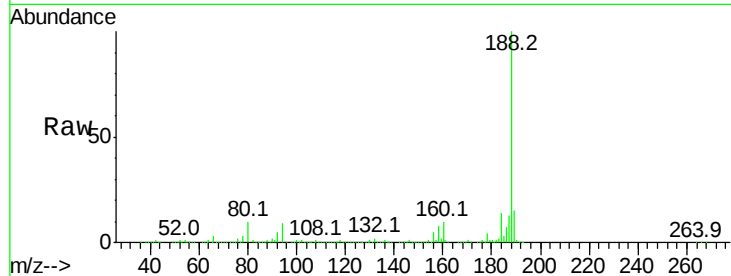
ClientSampleId :

PB95152BSD

Tot Ion:	188	Resp:	985022
Ion Ratio	Lower	Upper	
188	100		
94	9.0	9.2	13.8#
80	9.9	10.5	15.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.74 ng

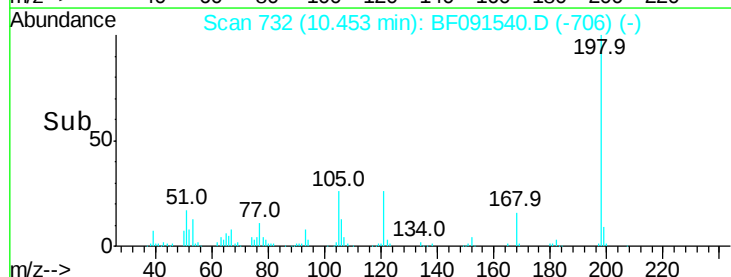
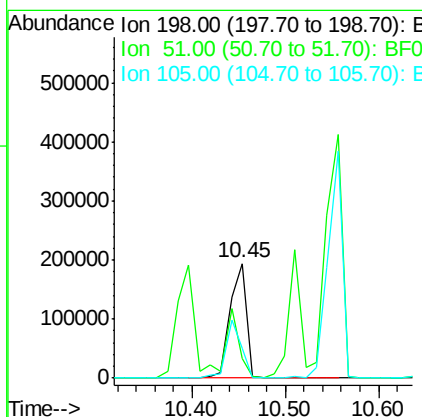
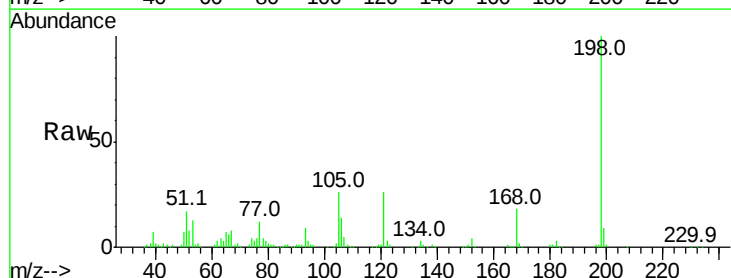
RT: 10.45 min Scan# 732

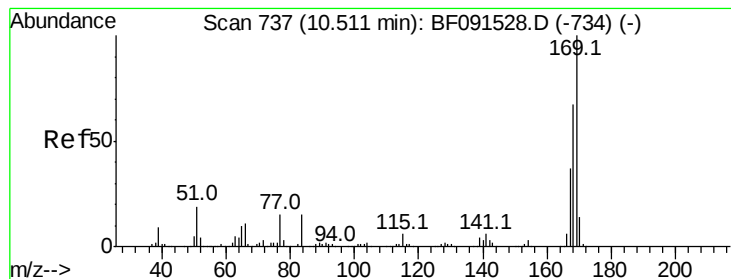
Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:	198	Resp:	240907
Ion Ratio	Lower	Upper	
198	100		
51	16.8	77.1	117.1#
105	26.3	44.8	84.8#





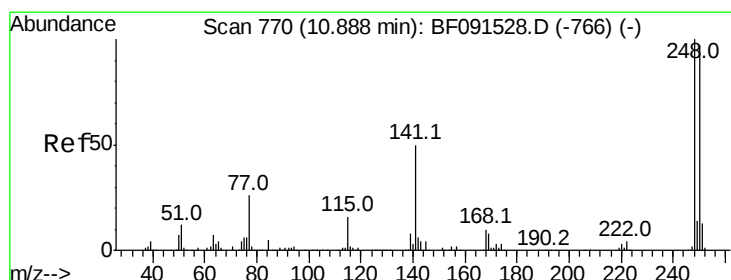
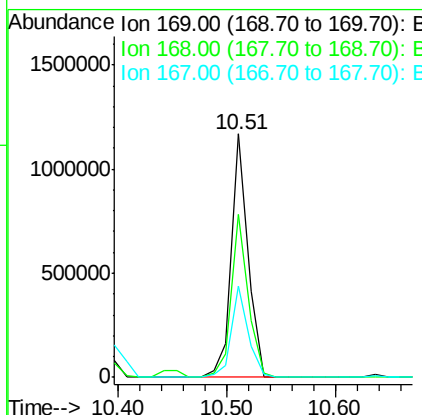
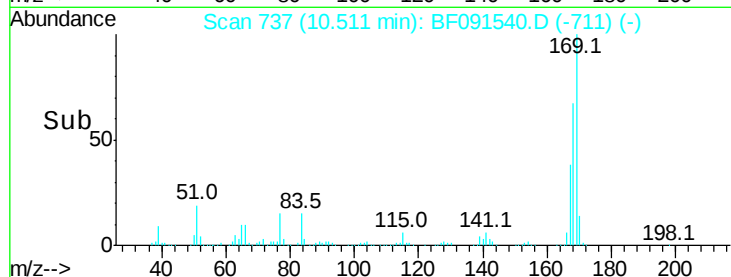
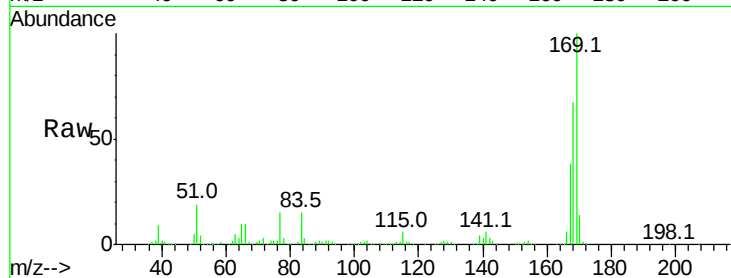
#65
n-Nitrosodiphenylamine
Concen: 41.77 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion:169 Resp: 1226692
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 37.5 29.8 44.8

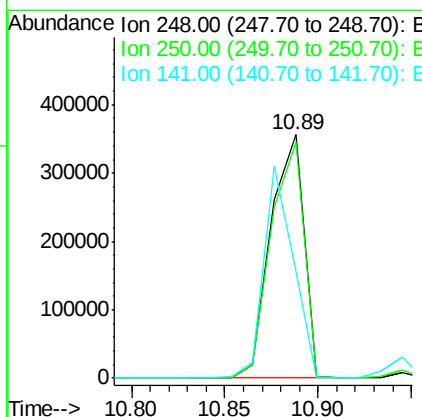
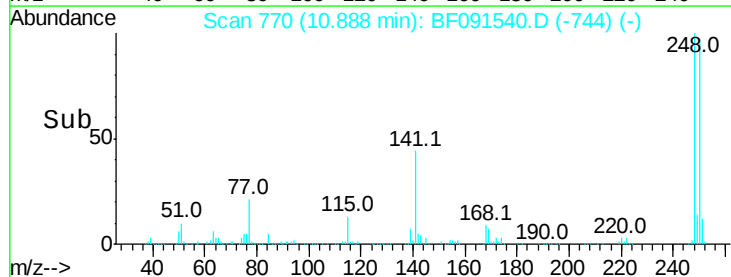
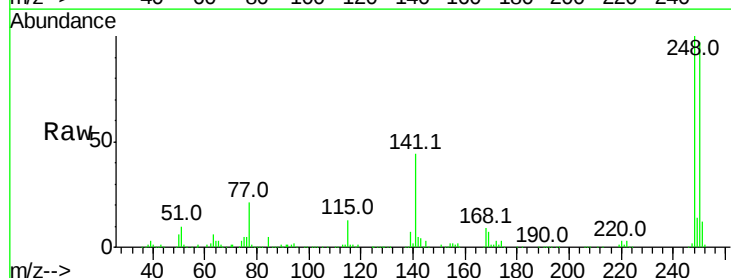
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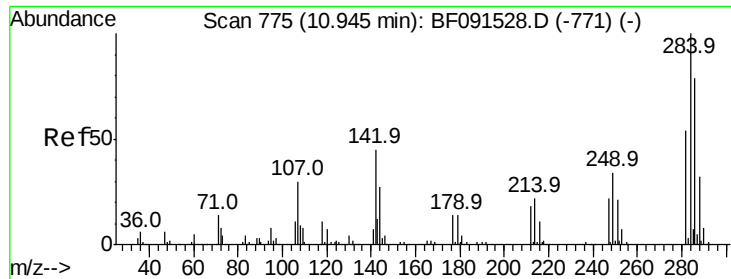
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#66
4-Bromophenyl-phenylether
Concen: 43.54 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:248 Resp: 439684
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.4
141 43.9 71.9 107.9#





#67

Hexachlorobenzene

Concen: 40.55 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

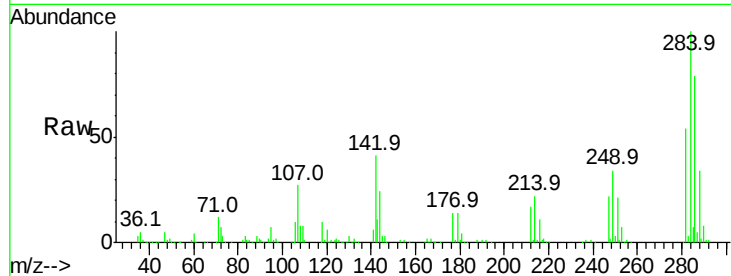
ClientSampleId :

PB95152BSD

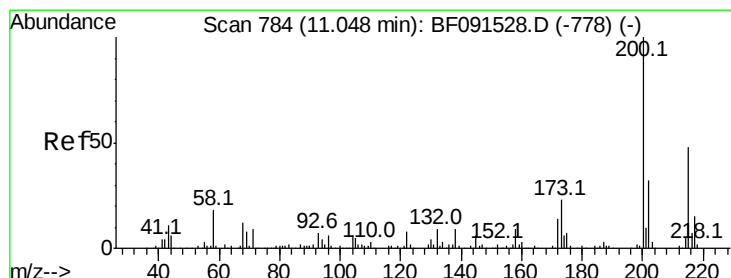
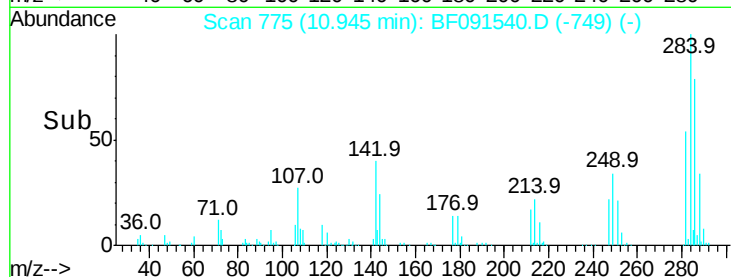
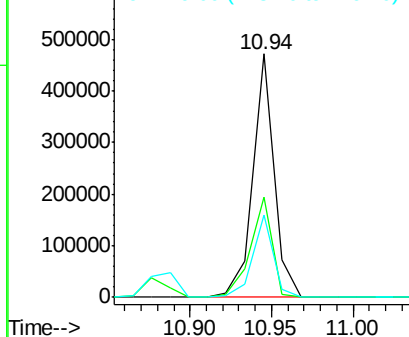
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.3	17.9	26.9#	
249	34.0	23.6	35.4	

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



#68

Atrazine

Concen: 48.37 ng

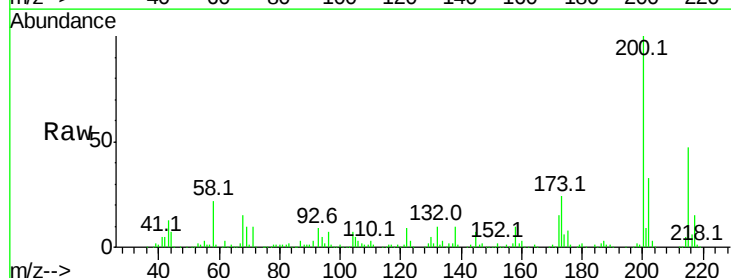
RT: 11.05 min Scan# 784

Delta R.T. 0.00 min

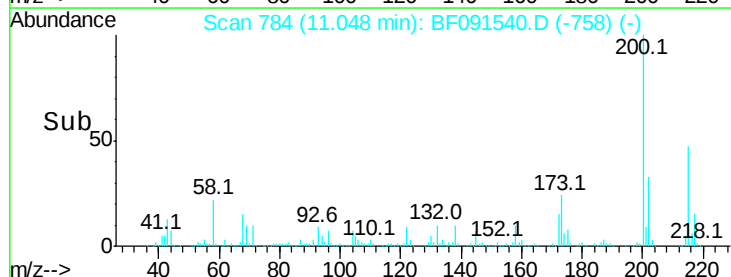
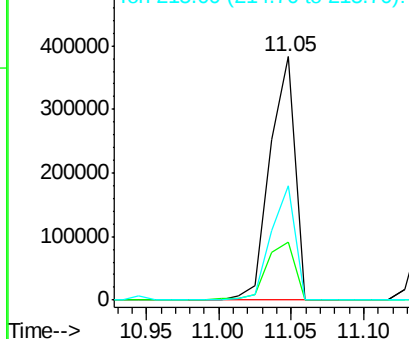
Lab File: BF091540.D

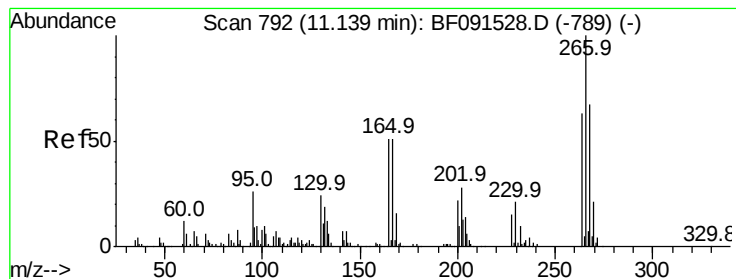
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.0	7.8	47.8	
215	46.7	24.3	64.3	



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





#69

Pentachlorophenol

Concen: 78.50 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

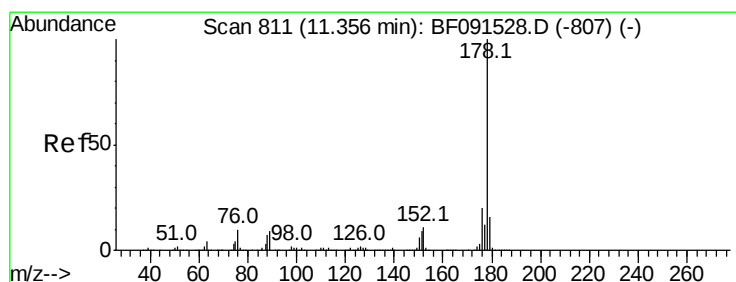
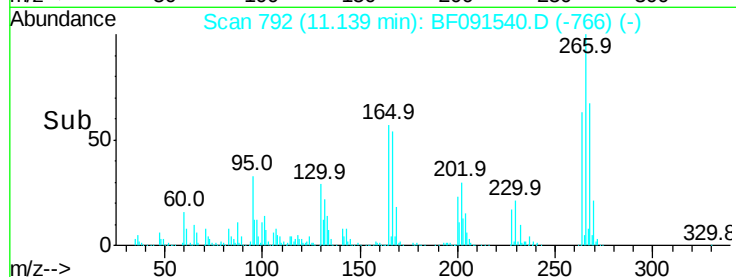
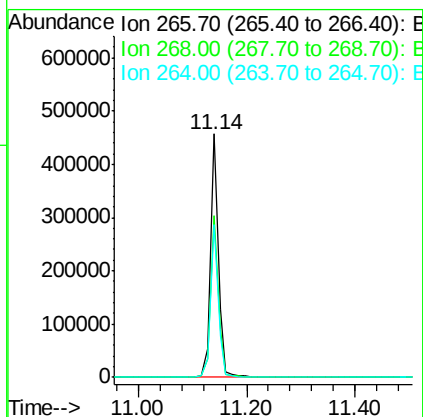
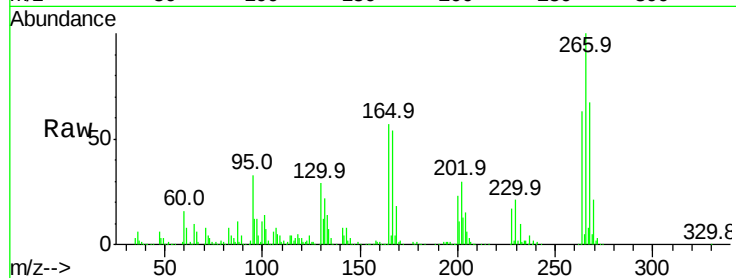
ClientSampleId :

PB95152BSD

Tot Ion:	266	Resp:	463933
Ion Ratio		Lower	Upper
266	100		
268	66.6	50.3	75.5
264	62.9	48.2	72.2

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#70

Phenanthrene

Concen: 40.58 ng

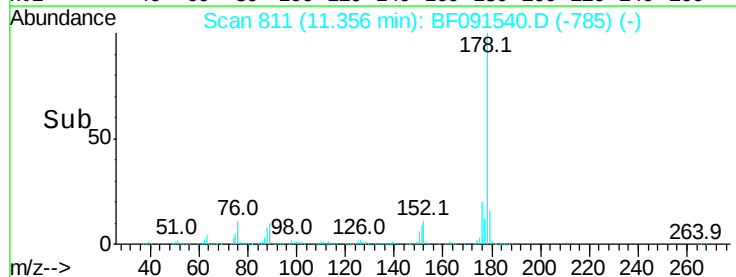
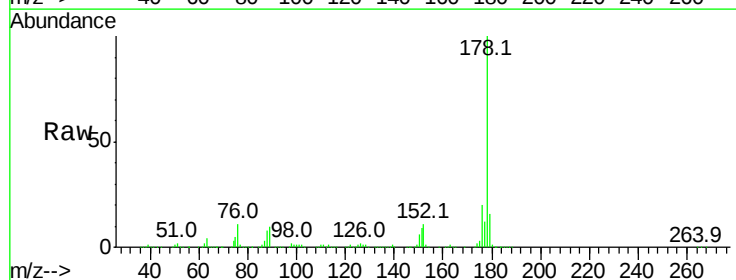
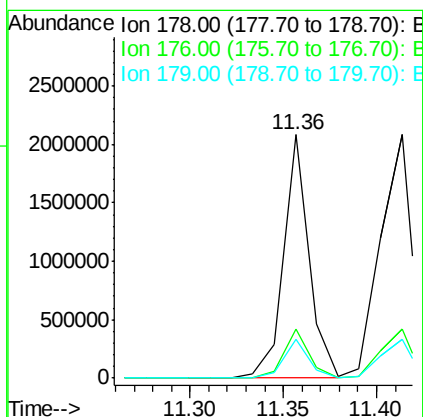
RT: 11.36 min Scan# 811

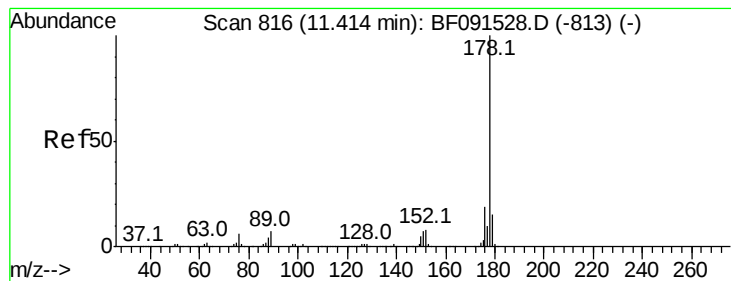
Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Tgt Ion:	178	Resp:	1979563
Ion Ratio		Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.2	12.6	18.8





#71
 Anthracene
 Concen: 44.37 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

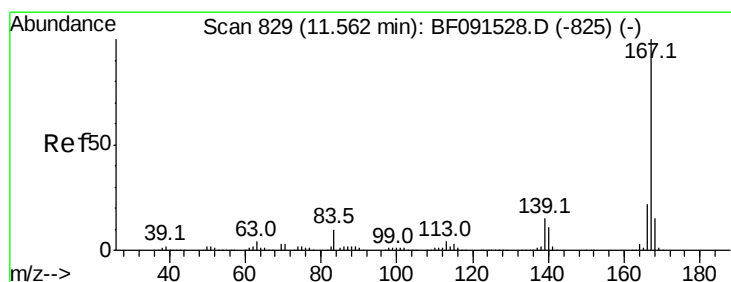
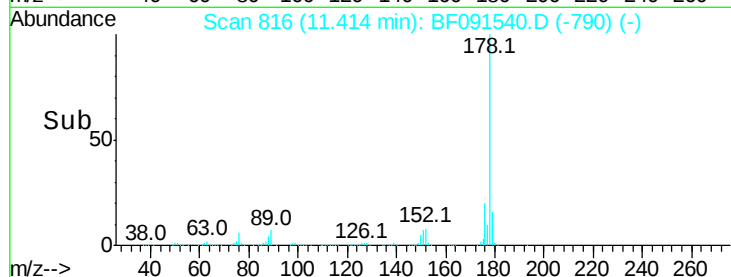
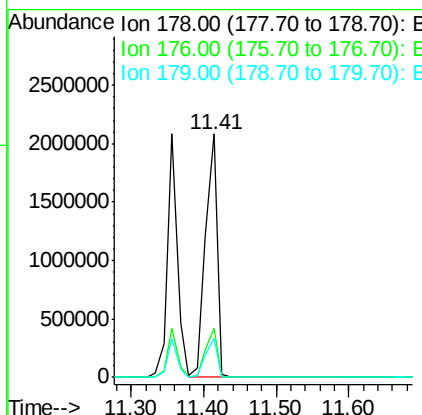
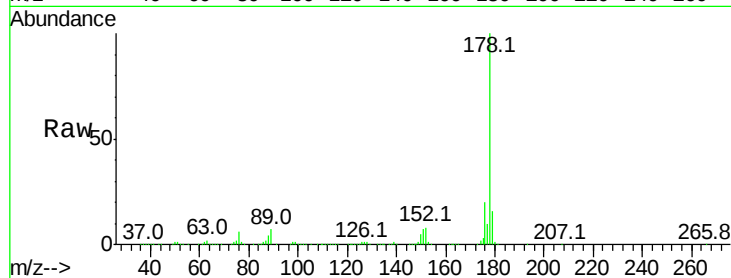
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion:178 Resp: 2334429

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.8	12.7	19.1

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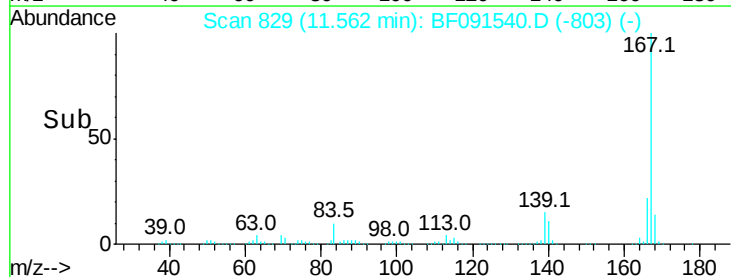
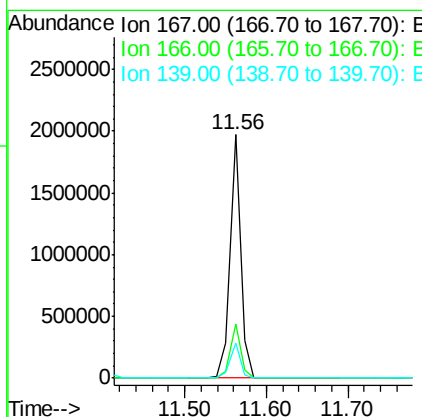
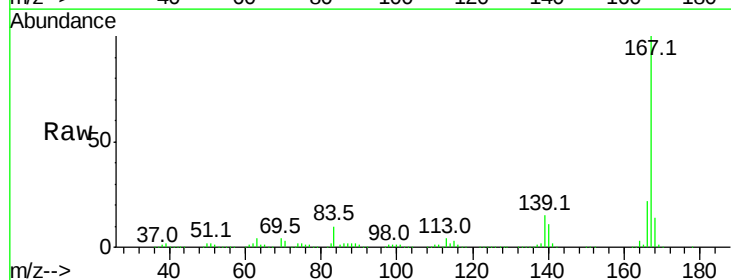
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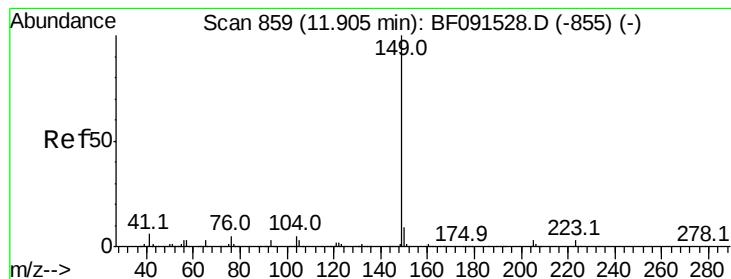


#72
 Carbazole
 Concen: 38.75 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion:167 Resp: 1787029

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.6	11.5	17.3





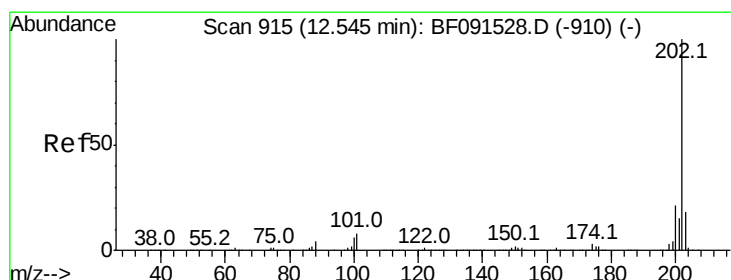
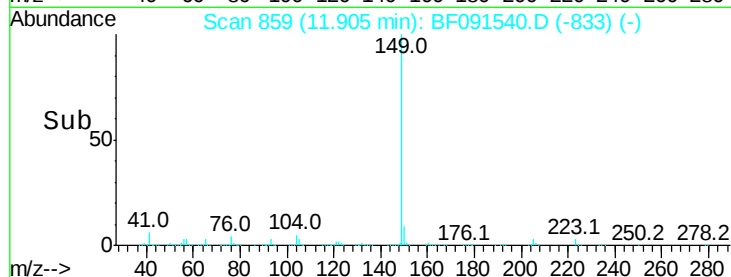
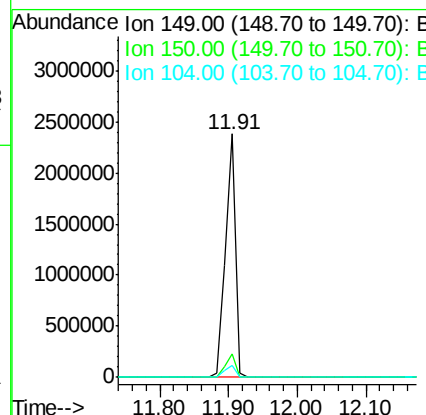
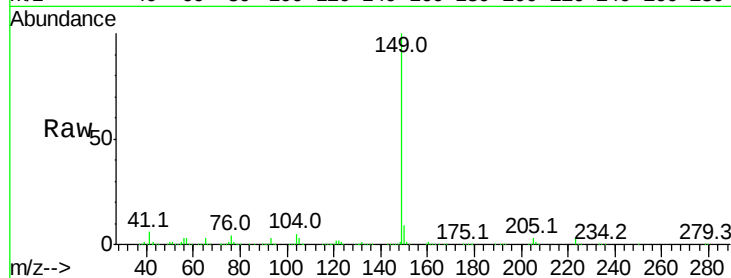
#73
Di-n-butylphthalate
Concen: 45.57 ng
RT: 11.91 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion:149 Resp: 2448808
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.9 4.0 6.0

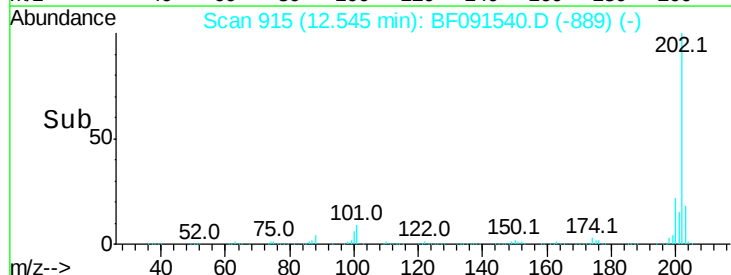
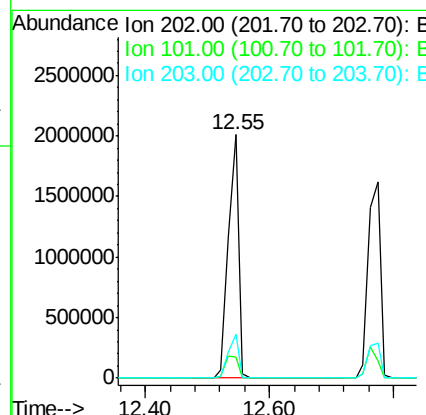
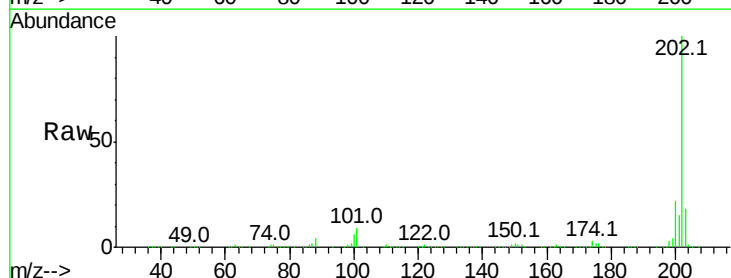
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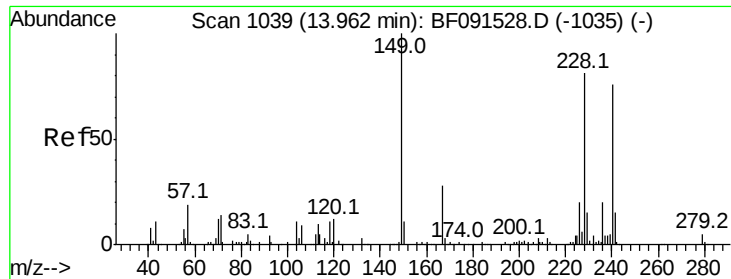
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#74
Fluoranthene
Concen: 44.56 ng
RT: 12.55 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:202 Resp: 2276072
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.5
203 18.0 0.0 37.8





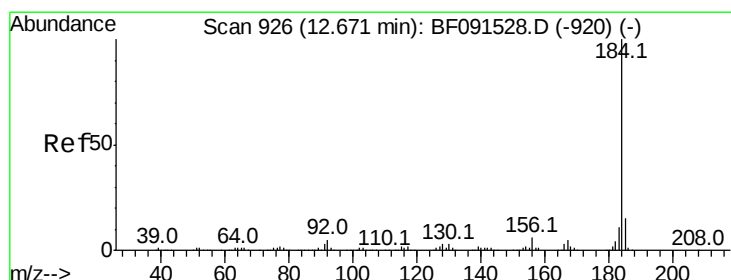
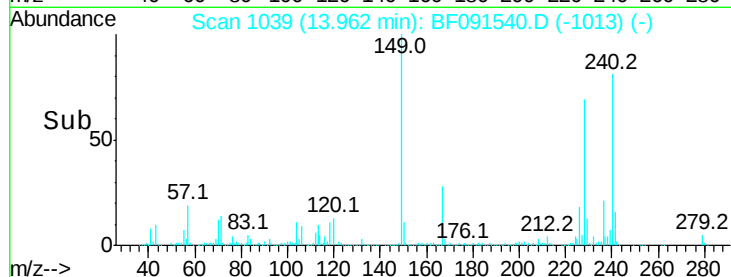
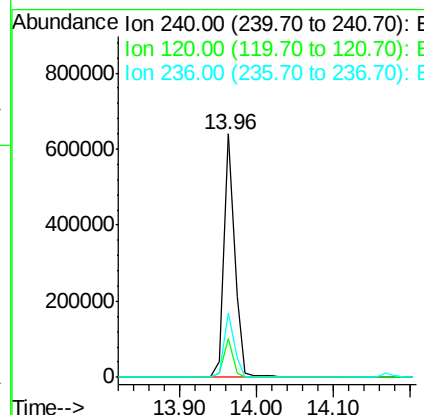
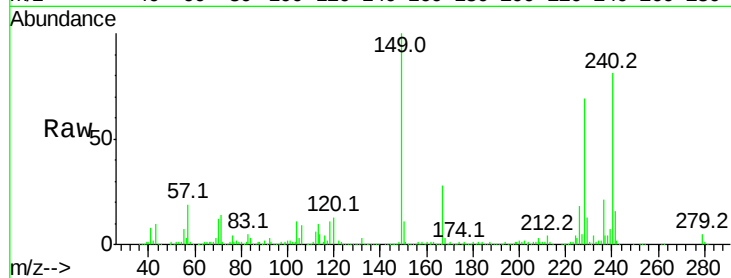
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	12.1	18.1
236	26.6	21.0	31.6

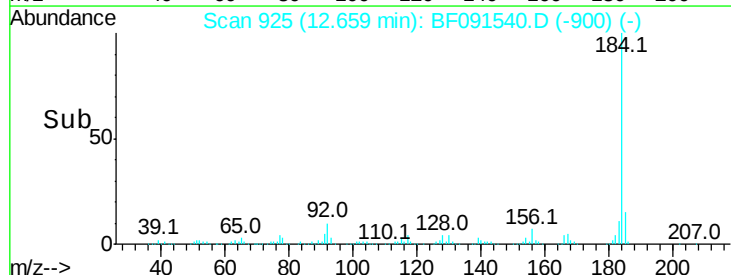
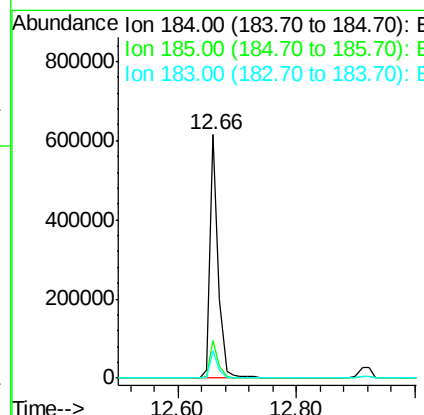
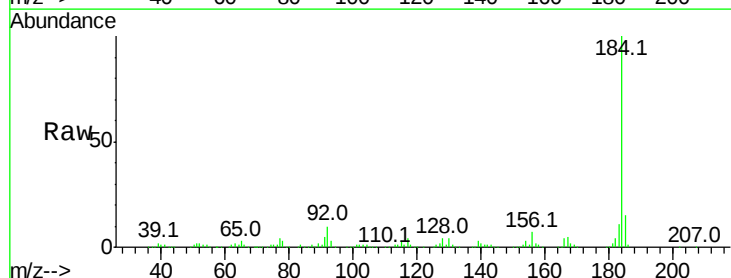
Manual Integrations
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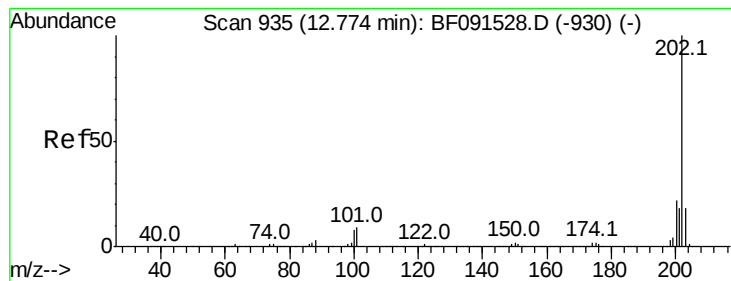
sohil
12/12/2016 6:49:57 PM



#76
Benzidine
Concen: 31.09 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.1	19.7
183	11.4	8.9	13.3





#77

Pvrene

Concen: 43.39 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:202 Resp: 2188320

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

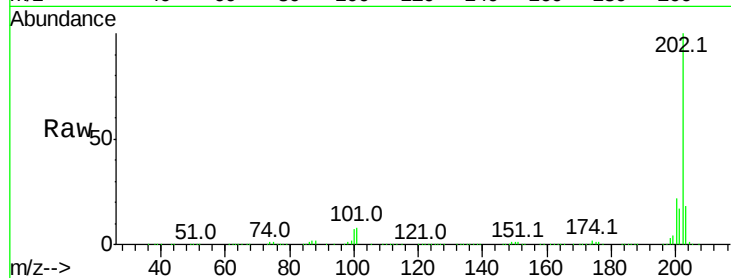
203 17.7 14.0 21.0

Manual Integrations

APPROVED

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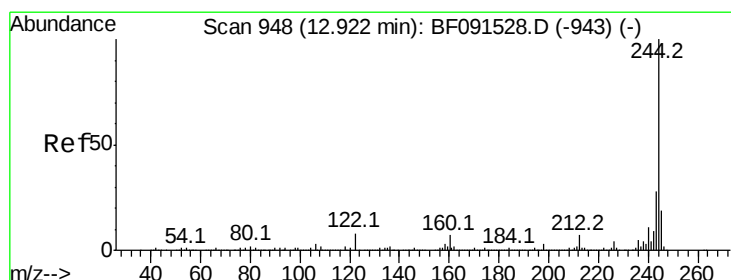
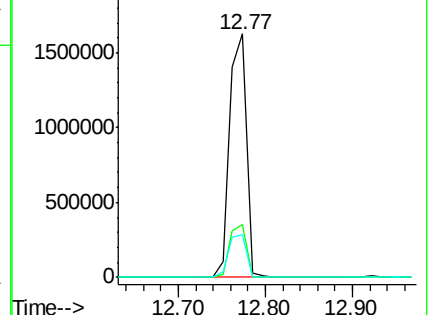
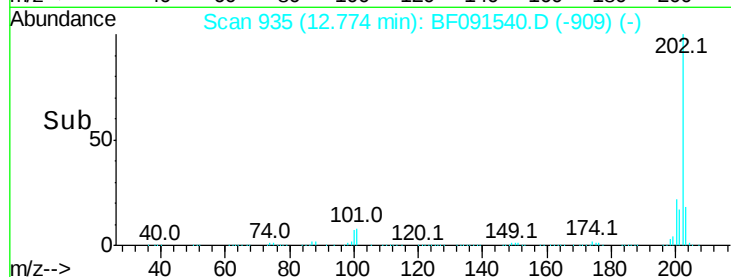
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.49 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

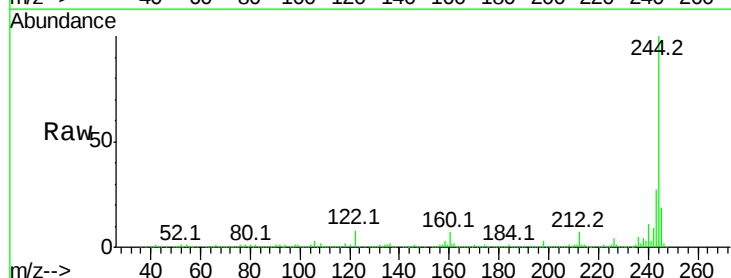
Tgt Ion:244 Resp: 2647213

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

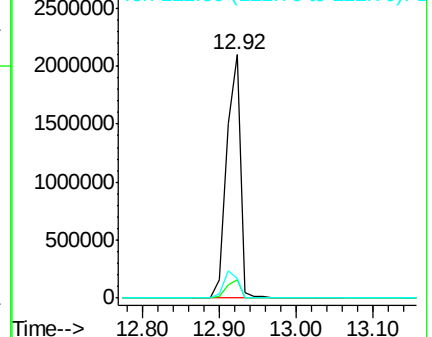
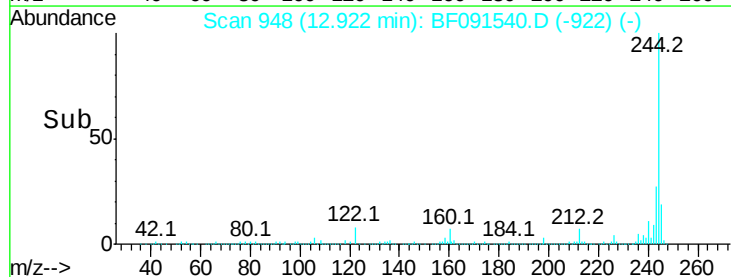
122 8.2 9.5 14.3#

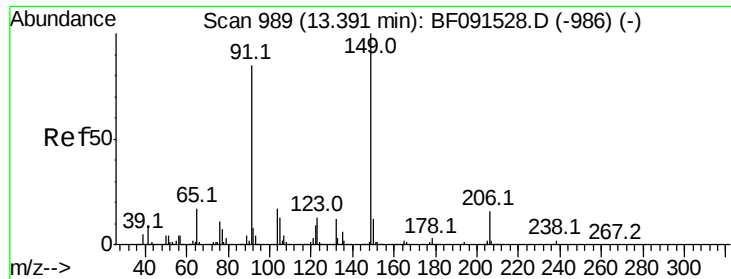


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





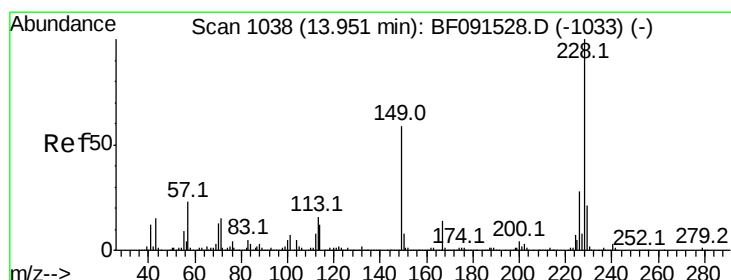
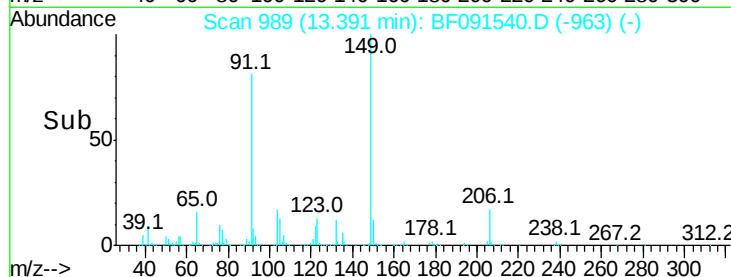
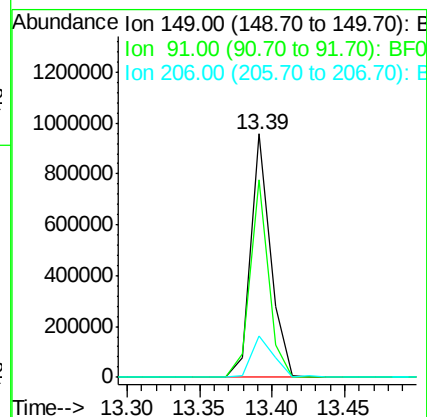
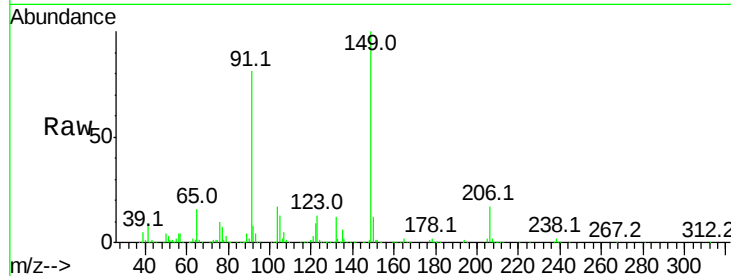
#79
Butylbenzylphthalate
Concen: 46.30 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.9	57.4	86.2
206	16.9	15.4	23.2

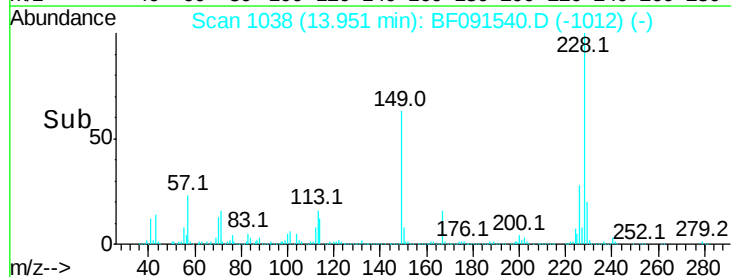
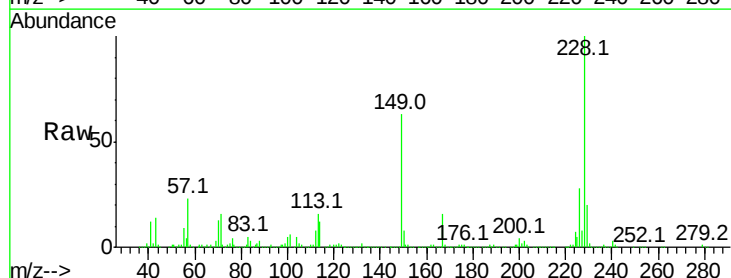
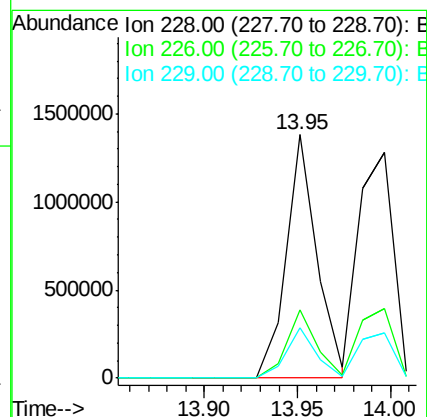
Manual Integrations
APPROVED

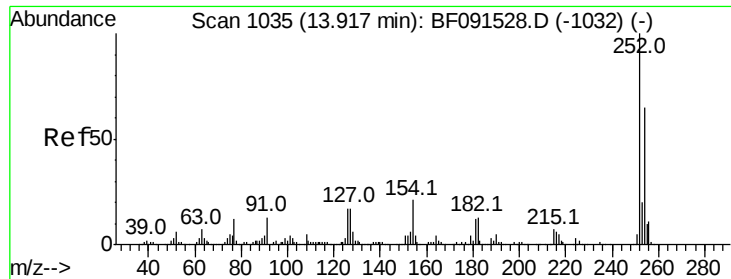
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#80
Benzo(a)anthracene
Concen: 42.98 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.4	16.4	24.6





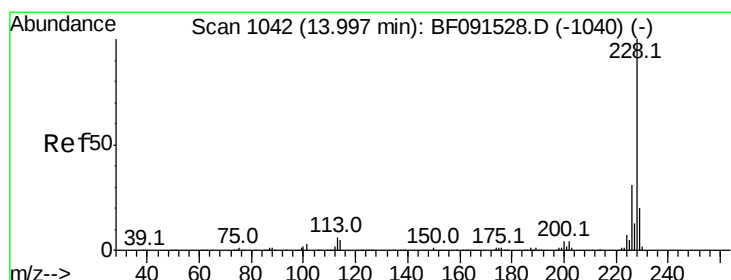
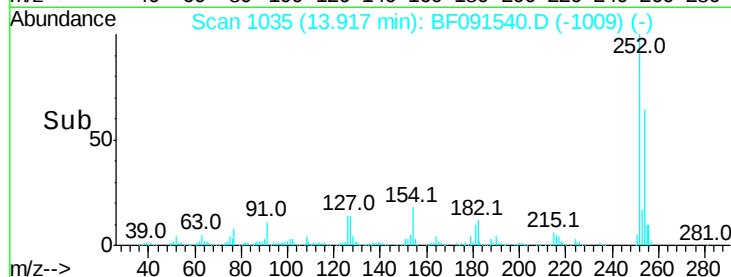
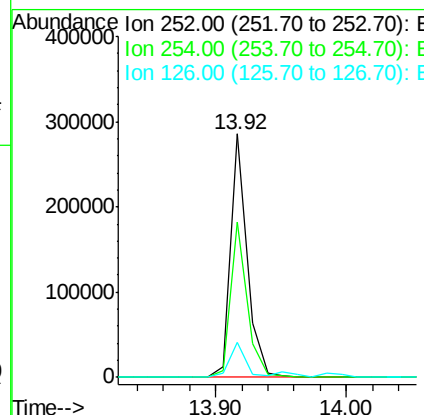
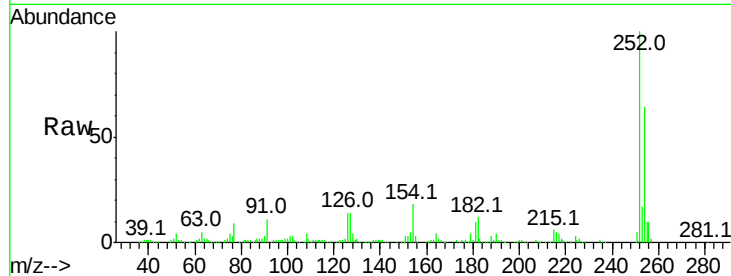
#81
 3,3'-Dichlorobenzidine
 Concen: 19.20 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	14.2	7.5	11.3

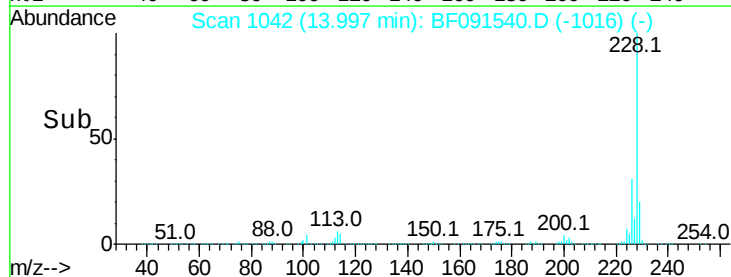
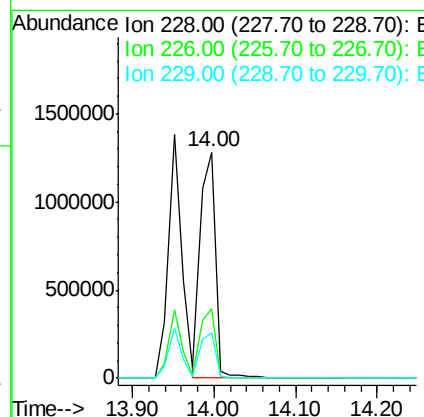
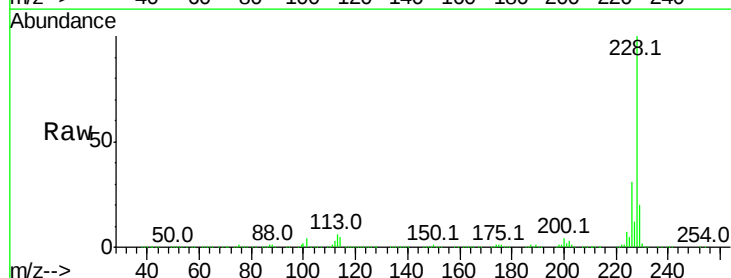
Manual Integrations
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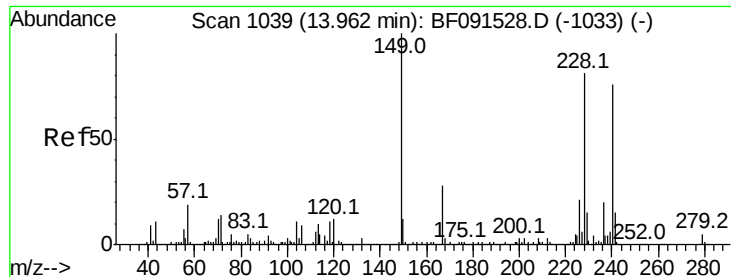
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#82
 Chrysene
 Concen: 43.73 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF091540.D
 Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	19.9	16.0	24.0





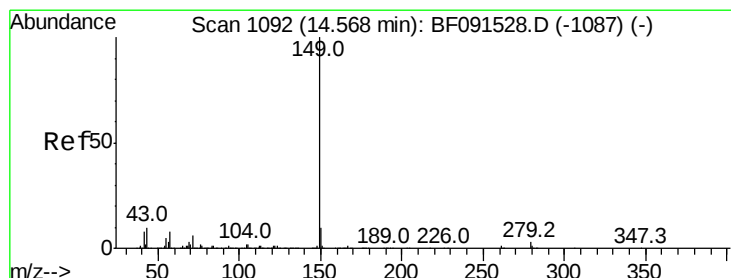
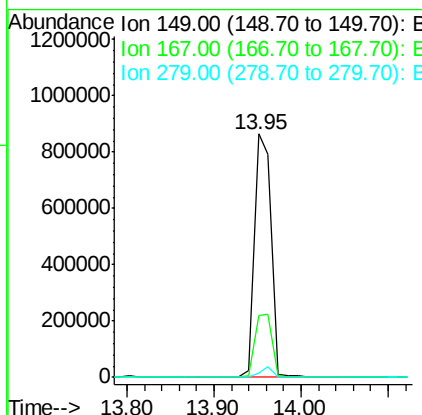
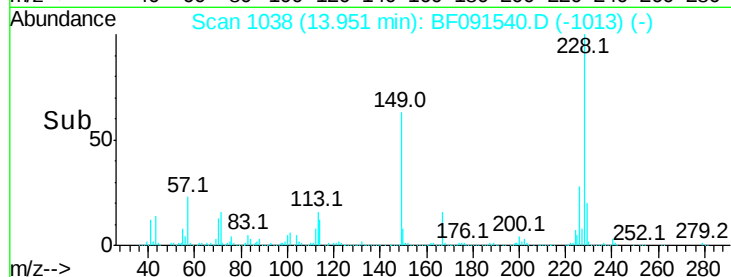
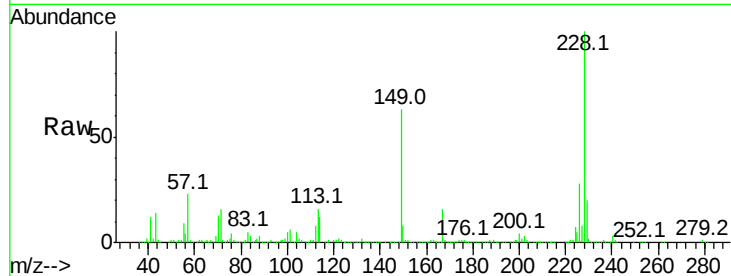
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.60 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion:149 Resp: 1175446
Ion Ratio Lower Upper
149 100
167 25.2 19.6 29.4
279 2.0 1.9 2.9

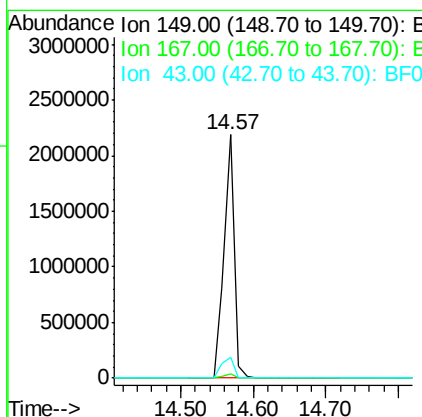
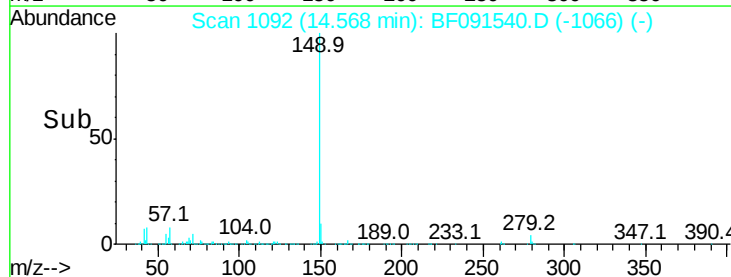
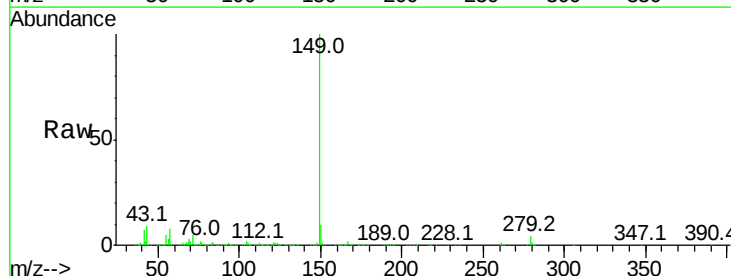
Manual Integrations
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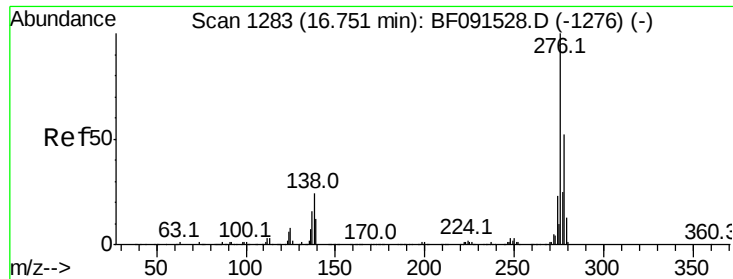
sohil
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#84
Di-n-octyl phthalate
Concen: 50.15 ng
RT: 14.57 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:149 Resp: 2147064
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 11.9 17.9#





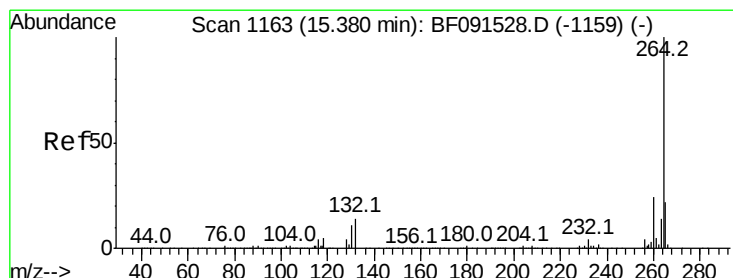
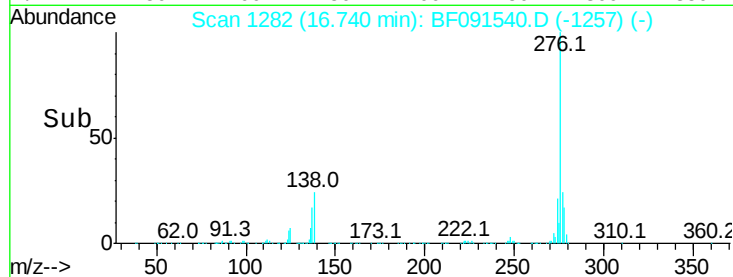
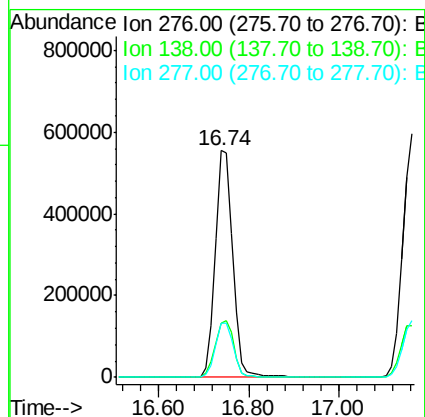
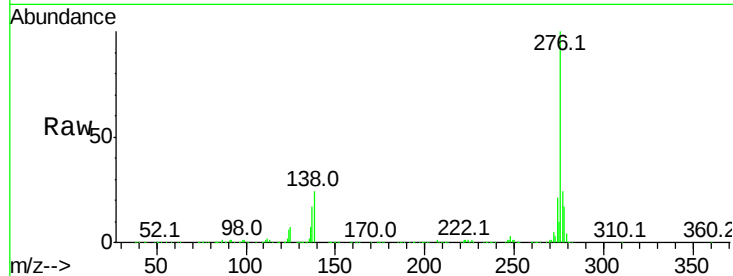
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.49 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion:276 Resp: 1511669
Ion Ratio Lower Upper
276 100
138 26.7 21.0 31.4
277 25.0 20.2 30.2

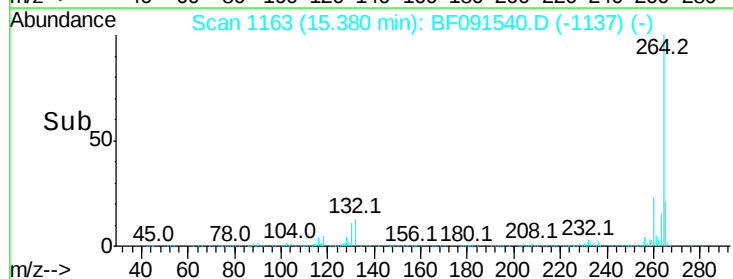
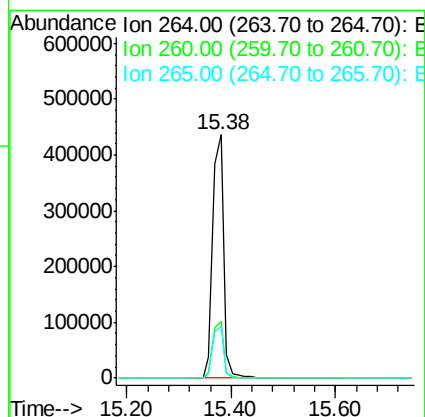
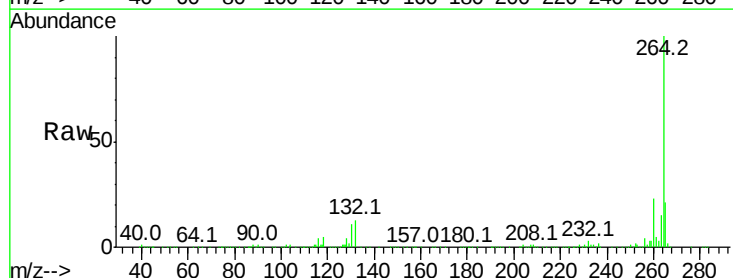
Manual Integrations
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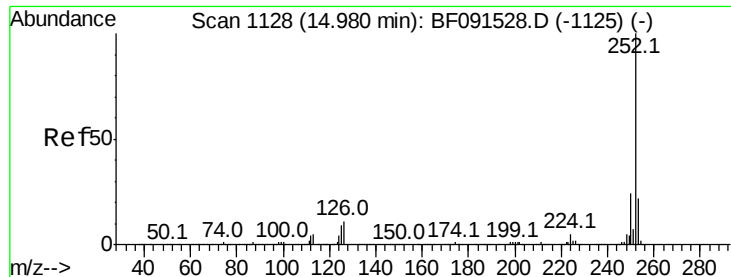
sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:264 Resp: 636760
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.3 17.0 25.6





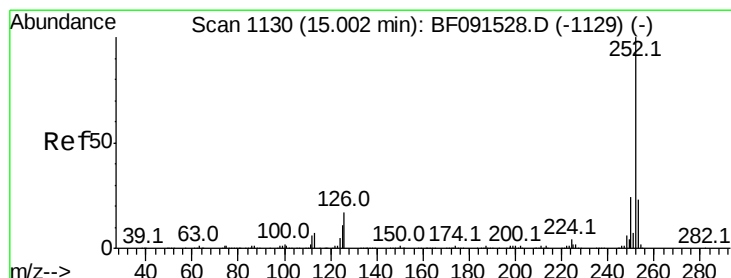
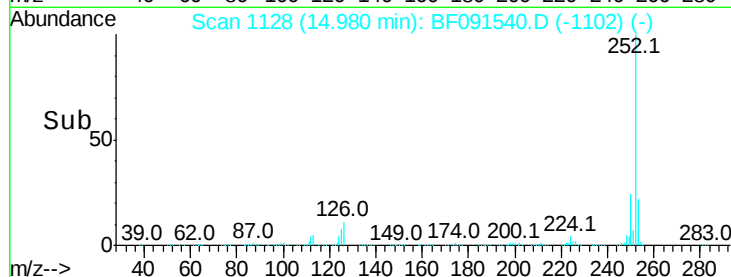
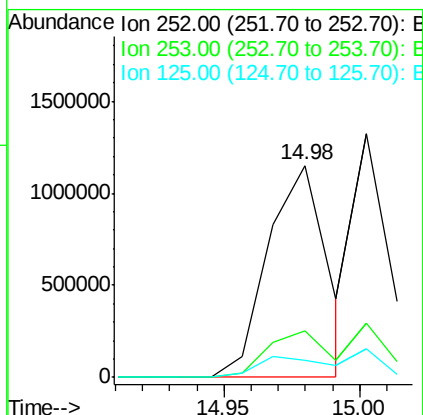
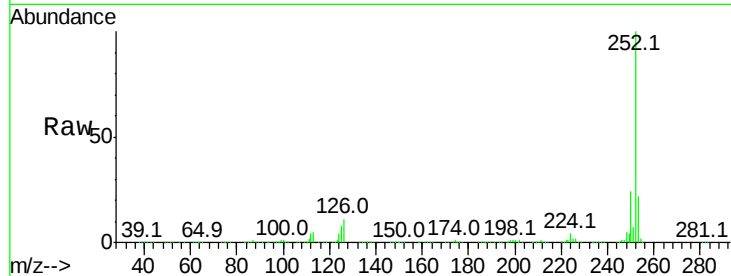
#87
Benzo(b)fluoranthene
Concen: 45.51 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95152BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.0	8.6	13.0

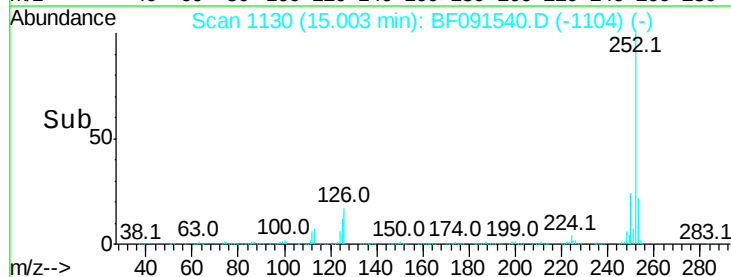
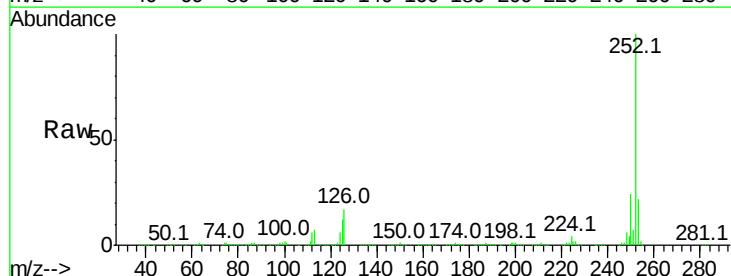
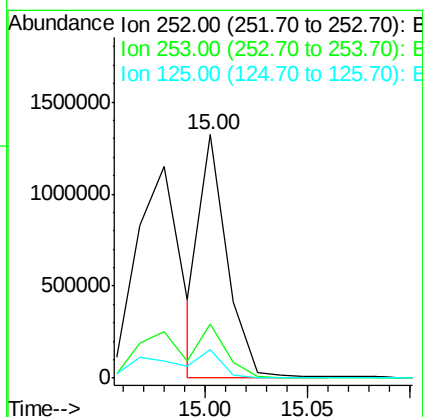
Manual Integrations
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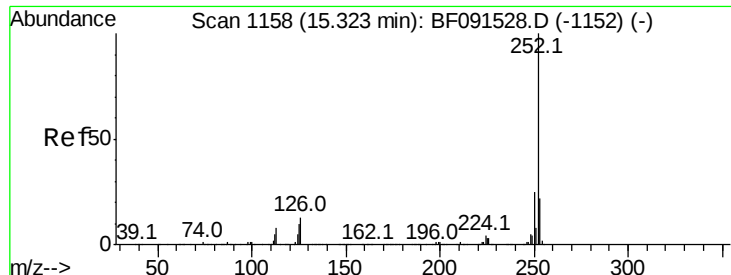
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#88
Benzo(k)fluoranthene
Concen: 36.99 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.8	9.6	14.4





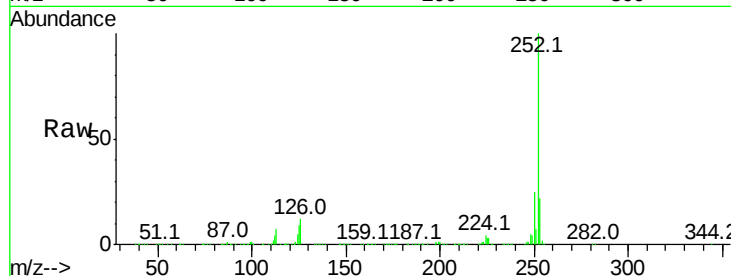
#89
Benzo(a)pyrene
Concen: 42.94 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Instrument :
BNA_F
ClientSampled :
PB95152BSD

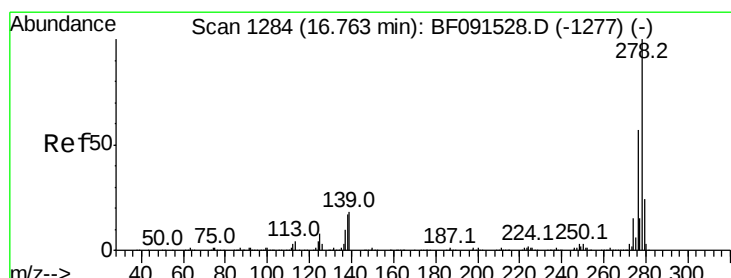
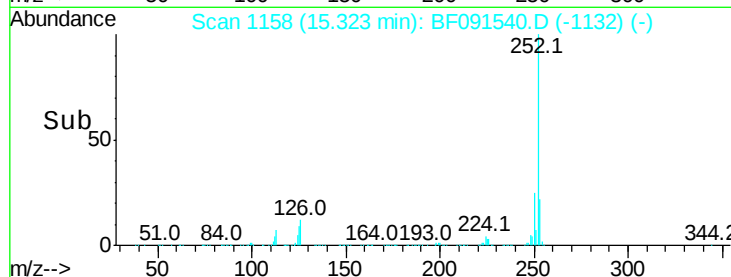
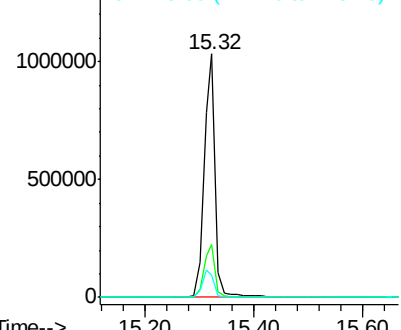
Tot Ion:252 Resp: 1468549
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.2 10.4 15.6#

Manual Integrations
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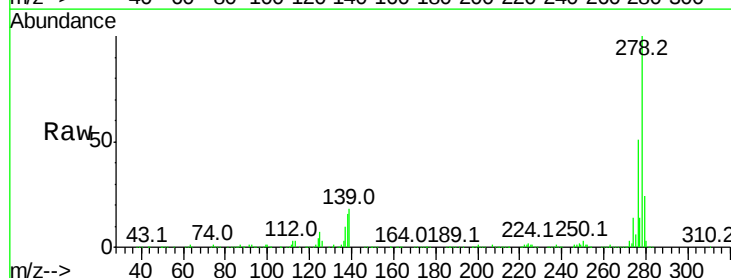


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

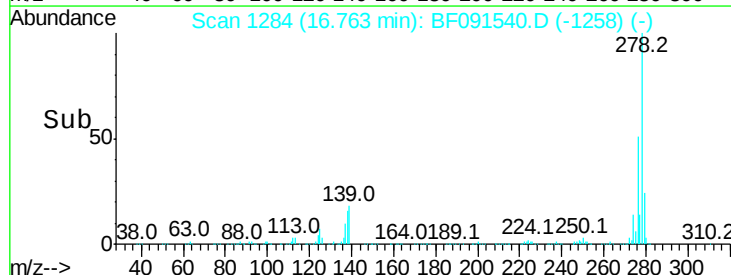
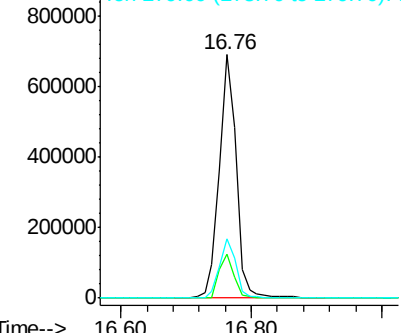


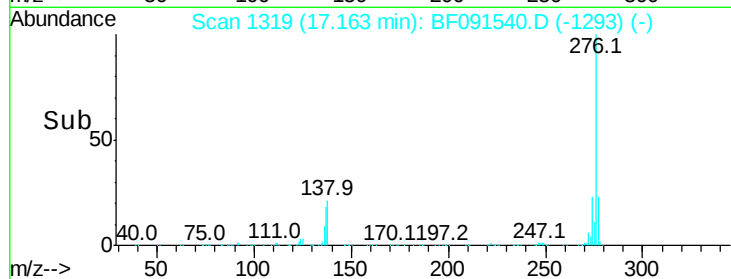
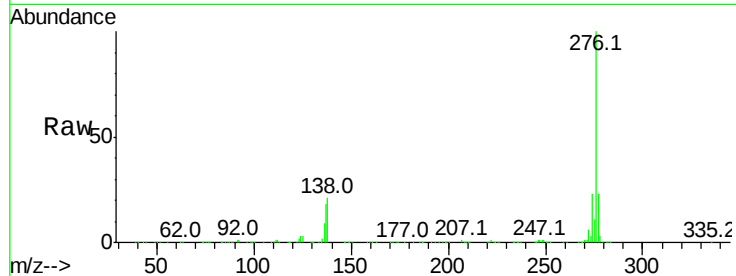
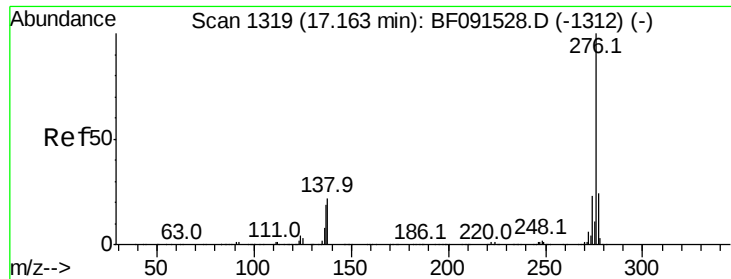
#90
Dibenzo(a,h)anthracene
Concen: 40.37 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF091540.D
Acq: 9 Dec 2016 21:16

Tgt Ion:278 Resp: 1236616
Ion Ratio Lower Upper
278 100
139 17.8 15.1 22.7
279 24.2 19.0 28.6



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





#91

Benzo(a,h,i)perylene

Concen: 40.79 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF091540.D

Acq: 9 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95152BSD

Tot Ion:276 Resp: 1271574

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 21.1 15.4 23.0

Manual Integrations

APPROVED

sohil

12/12/2016 6:49:57 PM

