

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091532.D
 Acq On : 9 Dec 2016 17:08
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Manual Integrations
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 12/12/2016 6:49:43 PM

Quant Time: Dec 09 19:04:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	275606	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1077834	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	531355	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	894997	20.00	ng	0.00
75) Chrysene-d12	13.96	240	576094	20.00	ng	0.00
86) Perylene-d12	15.38	264	551401	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1332431	81.45	ng	0.00
7) Phenol-d6	6.45	99	1526725	74.86	ng	0.00
23) Nitrobenzene-d5	7.38	82	1436756	74.40	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	319917	72.49	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2329164	75.74	ng	0.00
78) Terphenyl-d14	12.92	244	2027460	79.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	330600	38.29	ng	# 85
3) Pyridine	3.09	79	931137	40.48	ng	# 81
4) n-Nitrosodimethylamine	3.05	42	370910	37.53	ng	# 66
6) Aniline	6.48	93	1026109	38.38	ng	# 69
8) 2-Chlorophenol	6.60	128	737082	39.92	ng	98
9) Benzaldehyde	6.36	77	483404	34.44	ng	# 75
10) Phenol	6.46	94	887529	37.22	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	744689	41.57	ng	# 84
12) 1,3-Dichlorobenzene	6.75	146	735994m	36.76	ng	
13) 1,4-Dichlorobenzene	6.83	146	753776	38.17	ng	97
14) 1,2-Dichlorobenzene	6.99	146	714674	40.16	ng	93
15) Benzyl Alcohol	6.96	79	580764	36.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1105391	39.82	ng	78
17) 2-Methylphenol	7.08	107	599597	39.25	ng	# 76
18) Hexachloroethane	7.33	117	295409	38.33	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	491968	38.58	ng	86
20) 3+4-Methylphenols	7.23	107	625035	37.35	ng	# 56
22) Acetophenone	7.23	105	991906	38.41	ng	# 93
24) Nitrobenzene	7.40	77	858734	42.09	ng	# 85
25) Isophorone	7.64	82	1333662	38.85	ng	100
26) 2-Nitrophenol	7.72	139	362687	40.28	ng	# 65
27) 2,4-Dimethylphenol	7.76	122	579522	36.64	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	833439	41.39	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	563652	40.96	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	593401	37.94	ng	99
31) Naphthalene	8.12	128	1890678	37.70	ng	100
32) Benzoic acid	7.88	122	442405	39.90	ng	95
33) 4-Chloroaniline	8.18	127	824233	38.15	ng	# 90
34) Hexachlorobutadiene	8.25	225	364022	40.60	ng	98
35) Caprolactam	8.54	113	160447	39.92	ng	# 64
36) 4-Chloro-3-methylphenol	8.66	107	645835	41.85	ng	97
37) 2-Methylnaphthalene	8.82	142	1250022	38.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	520826	35.74	ng	99
40) Hexachlorocyclopentadiene	8.97	237	261091	40.18	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	396715	42.37	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	354577	36.85	nq	# 81
45) 1,1'-Biphenyl	9.28	154	1409911	36.63	nq	98
46) 2-Chloronaphthalene	9.30	162	1088229	36.51	nq	99
47) 2-Nitroaniline	9.39	65	394896	39.40	nq	# 81
48) Acenaphthylene	9.71	152	1697627	37.37	nq	99
49) Dimethylphthalate	9.58	163	1402736	41.69	nq	99
50) 2,6-Dinitrotoluene	9.64	165	319279	43.24	nq	# 78
51) Acenaphthene	9.88	154	1174188	37.21	nq	97
52) 3-Nitroaniline	9.81	138	347191	40.02	nq	# 72
53) 2,4-Dinitrophenol	9.90	184	130646	39.45	nq	# 72
54) Dibenzofuran	10.05	168	1451502	37.18	nq	96
55) 4-Nitrophenol	9.97	139	295148	45.73	nq	# 66
56) 2,4-Dinitrotoluene	10.04	165	432322	46.71	nq	# 85
57) Fluorene	10.40	166	1058024	37.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	322734	42.84	nq	98
59) Diethylphthalate	10.28	149	1365218	42.14	nq	95
60) 4-Chlorophenyl-phenylether	10.40	204	549517	39.15	nq	# 87
61) 4-Nitroaniline	10.42	138	336107	38.99	nq	88
62) Azobenzene	10.56	77	1517757	41.34	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	187059	35.25	nq	89
65) n-Nitrosodiphenylamine	10.51	169	971134	36.40	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	346593	37.77	nq	# 75
67) Hexachlorobenzene	10.94	284	357439	37.46	nq	# 78
68) Atrazine	11.04	200	308330	35.94	nq	98
69) Pentachlorophenol	11.14	266	219816	40.94	nq	93
70) Phenanthrene	11.36	178	1673625	37.76	nq	99
71) Anthracene	11.41	178	1824550	38.17	nq	99
72) Carbazole	11.56	167	1507347	35.97	nq	99
73) Di-n-butylphthalate	11.91	149	1996325	40.89	nq	99
74) Fluoranthene	12.55	202	1799359	38.77	nq	97
76) Benzidine	12.66	184	646452	36.29	nq	95
77) Pyrene	12.77	202	1826329	39.96	nq	100
79) Butylbenzylphthalate	13.39	149	706077	39.63	nq	88
80) Benzo(a)anthracene	13.95	228	1271705	38.01	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	440771	36.69	nq	# 97
82) Chrysene	13.99	228	1315975	37.60	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	933431	40.84	nq	# 91
84) Di-n-octyl phthalate	14.57	149	1590045	40.98	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.74	276	1218554	38.69	nq	99
87) Benzo(b)fluoranthene	14.98	252	1380075m	41.99	nq	
88) Benzo(k)fluoranthene	15.00	252	993019m	34.36	nq	
89) Benzo(a)pyrene	15.32	252	1162768	39.27	nq	# 94
90) Dibenzo(a,h)anthracene	16.76	278	1028995	38.79	nq	97
91) Benzo(g,h,i)perylene	17.16	276	1058575	39.21	nq	99

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

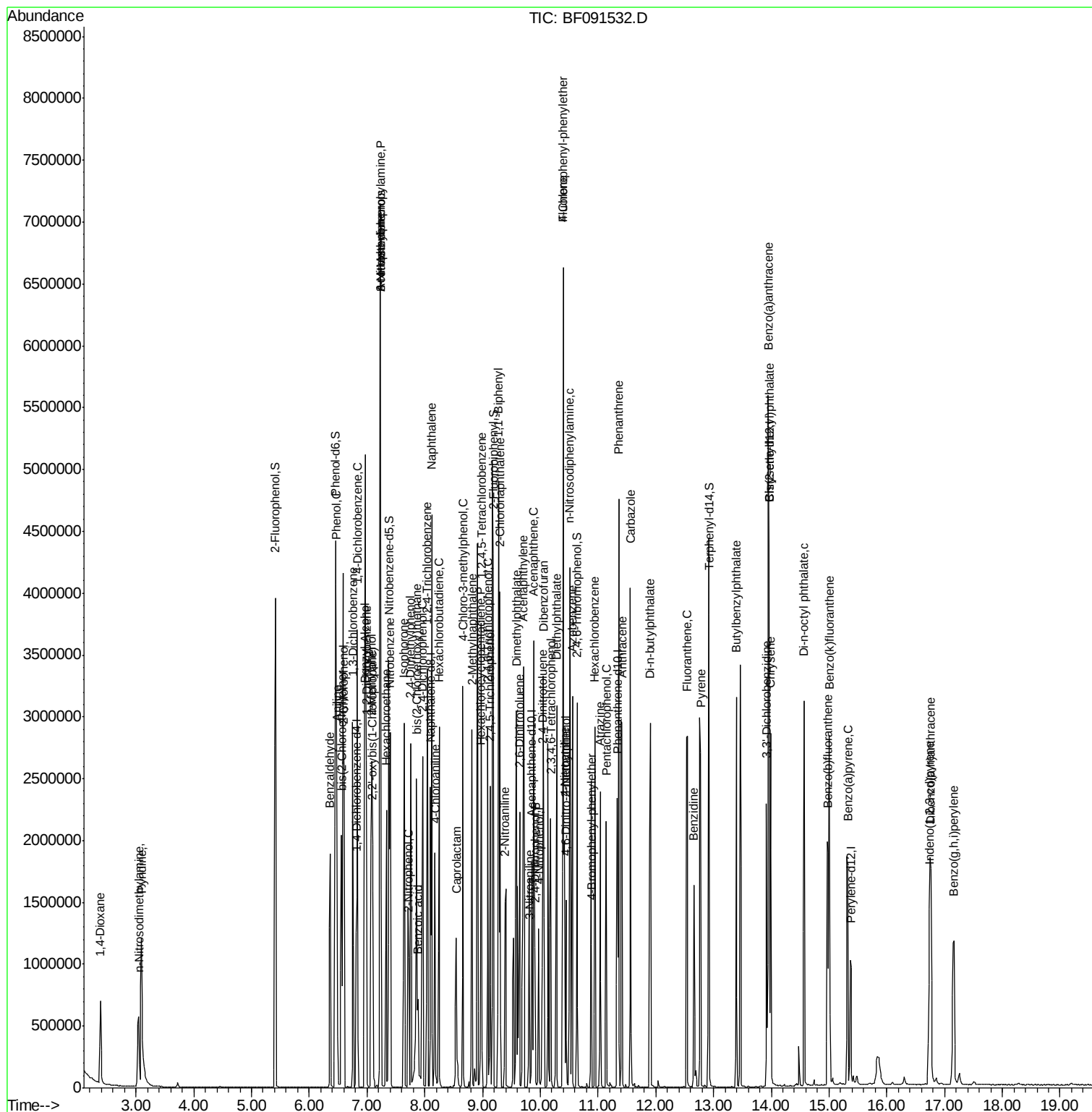
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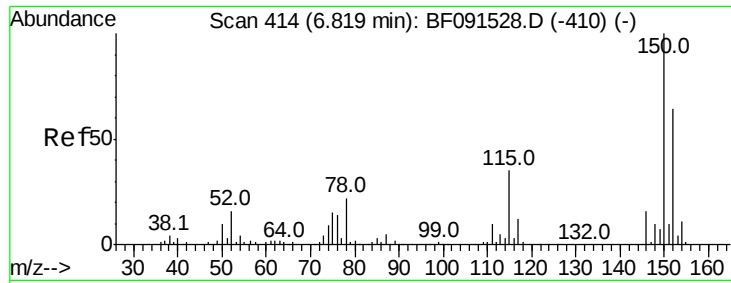
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion:152 Resp: 275606

Ion Ratio Lower Upper

152 100

150 155.7 122.5 183.7

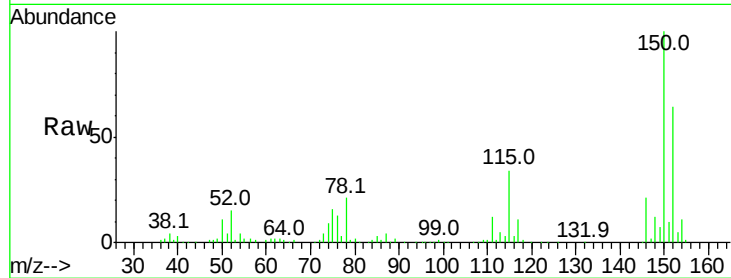
115 53.0 51.8 77.8

Manual Integrations

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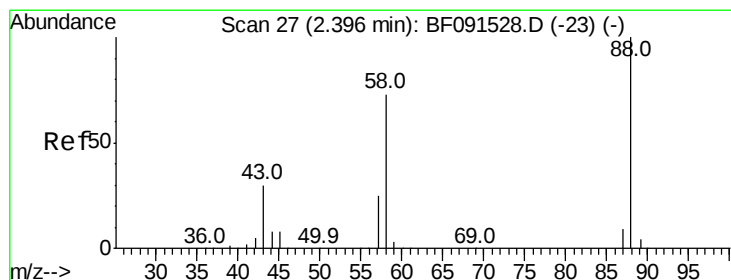
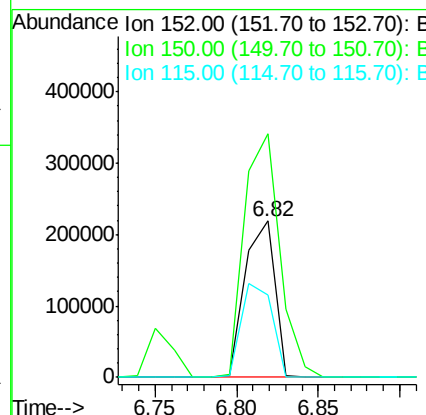
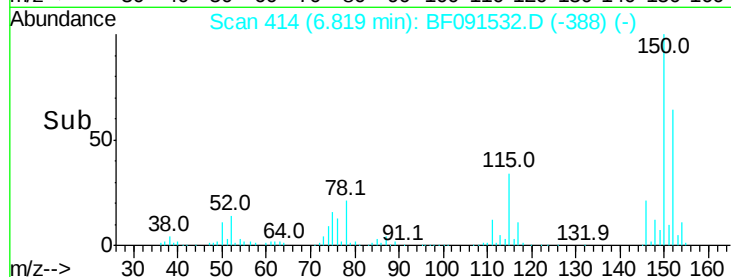
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

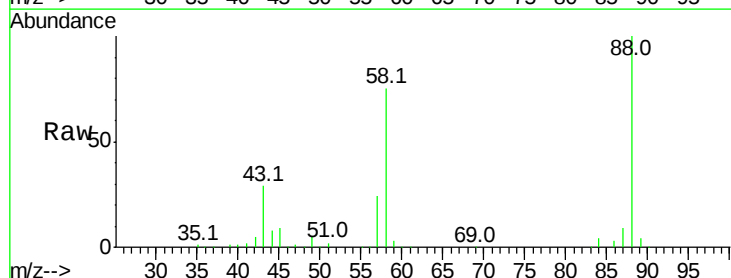
Tgt Ion: 88 Resp: 330600

Ion Ratio Lower Upper

88 100

58 74.6 70.3 105.5

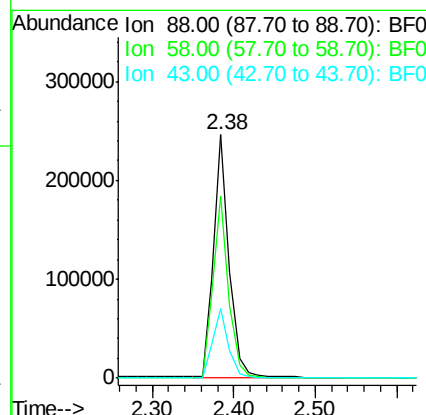
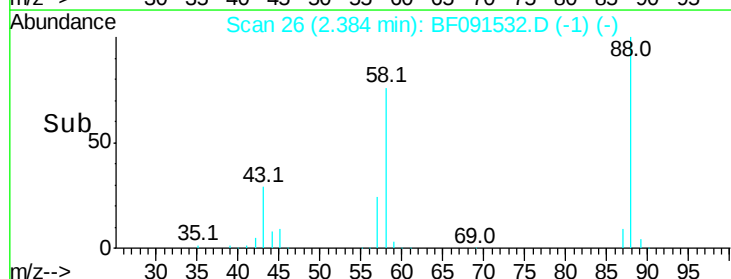
43 28.6 31.3 46.9#

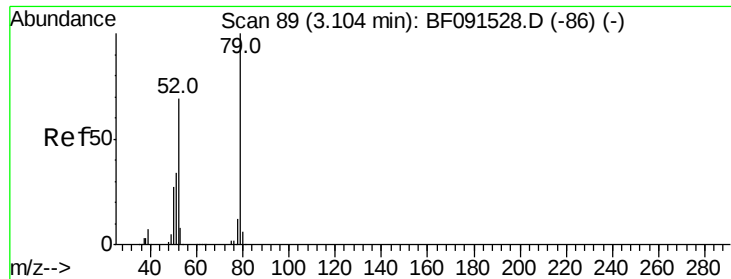


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





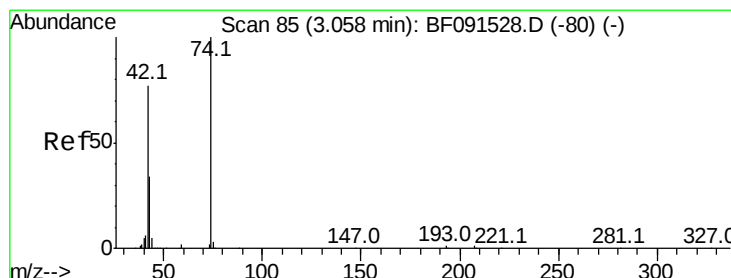
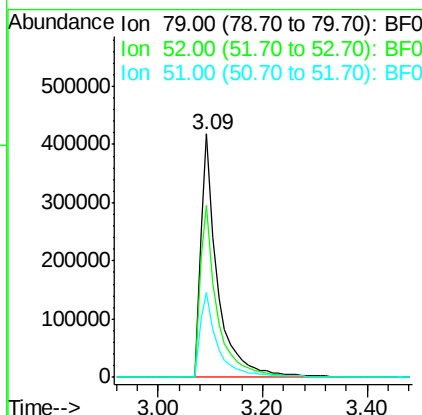
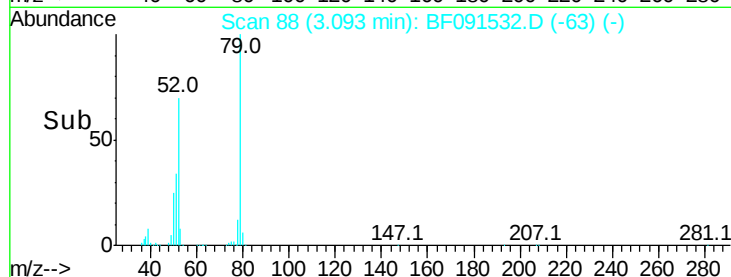
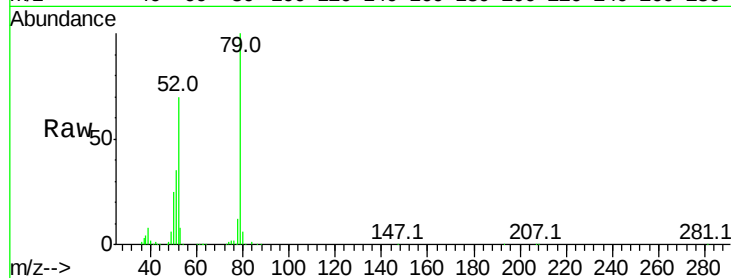
#3
 Pvridine
 Concen: 40.48 ng
 RT: 3.09 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
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 ICVBF120916

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.4	71.0	106.4#
51	34.7	37.0	55.4#

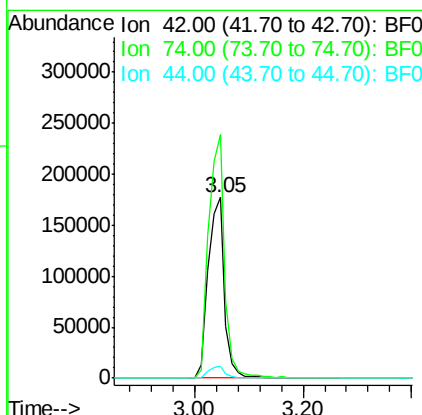
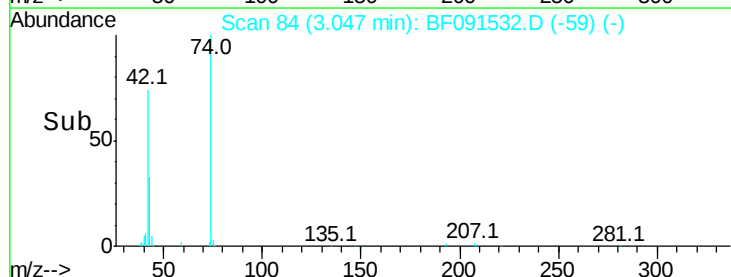
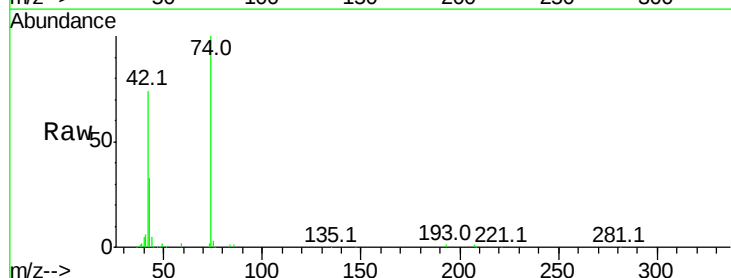
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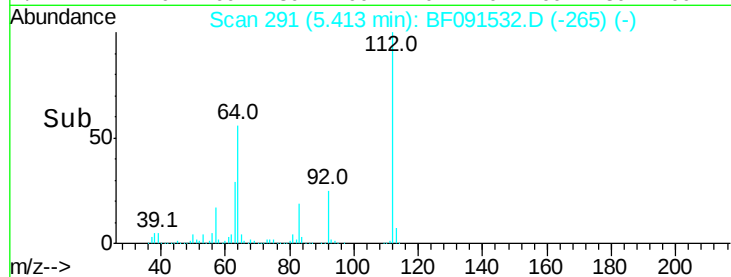
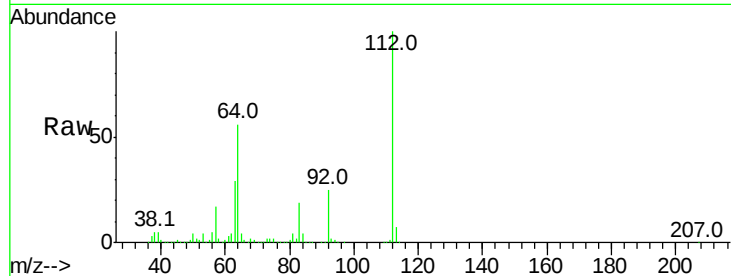
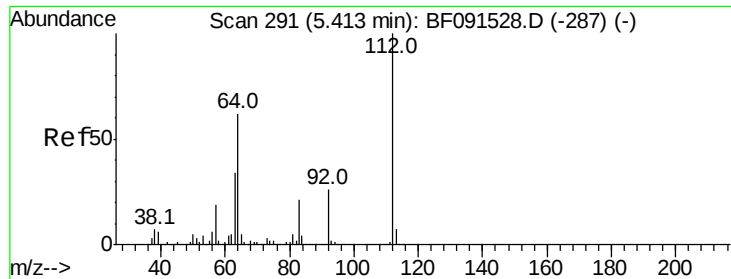
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#4
 n-Nitrosodimethylamine
 Concen: 37.53 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.01 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.9	78.9	118.3#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 81.45 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tot Ion:	112	Resp:	1332431
Ion Ratio	Lower	Upper	
112	100		
64	56.2	61.5	92.3#
63	29.1	33.3	49.9#

Instrument :

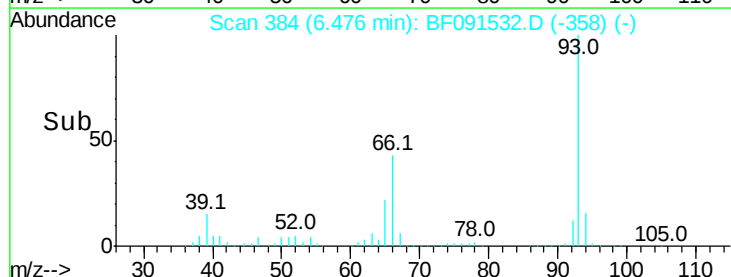
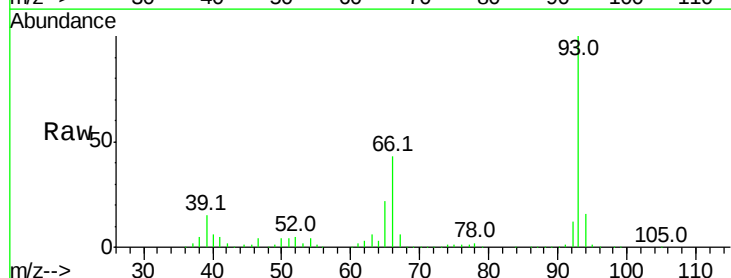
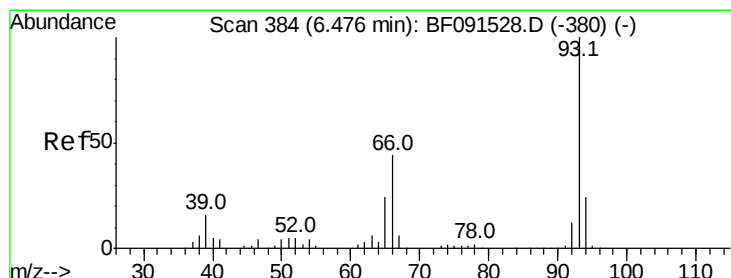
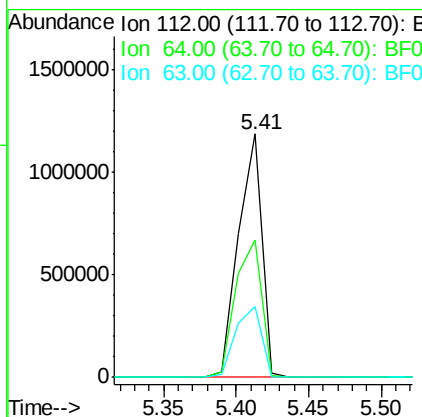
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 38.38 ng

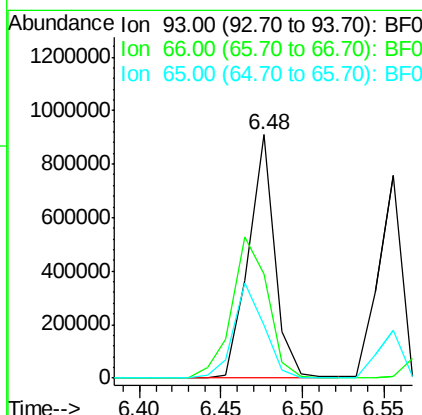
RT: 6.48 min Scan# 384

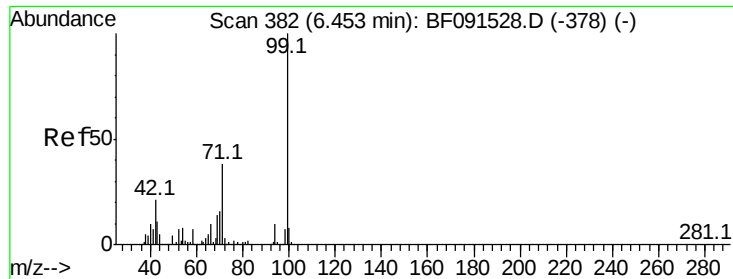
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:	93	Resp:	1026109
Ion Ratio	Lower	Upper	
93	100		
66	42.6	55.8	83.6#
65	21.6	29.9	44.9#





#7

Phenol-d6

Concen: 74.86 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion: 99 Resp: 1526725

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

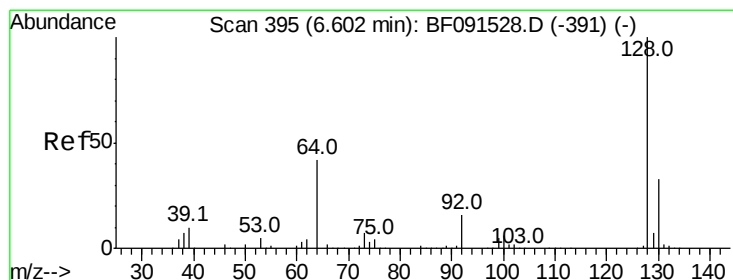
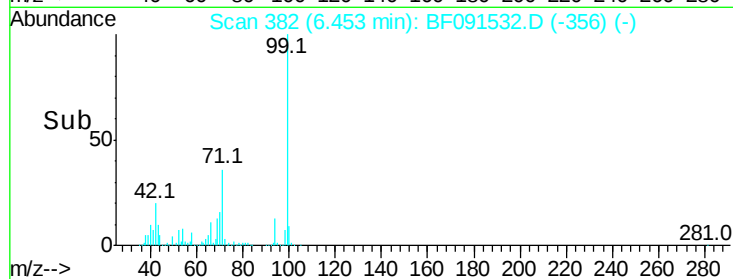
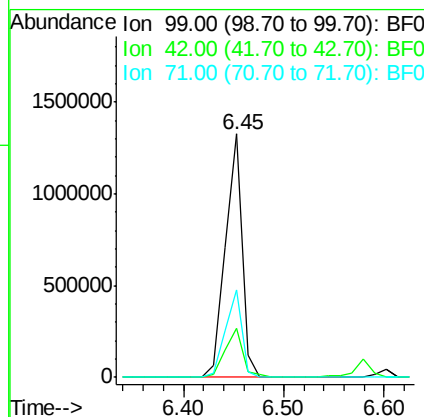
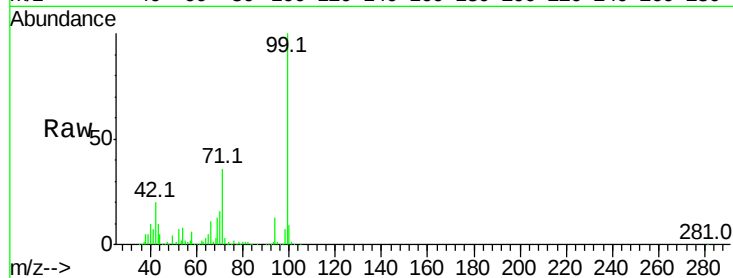
71 35.9 29.9 44.9

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#8

2-Chlorophenol

Concen: 39.92 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

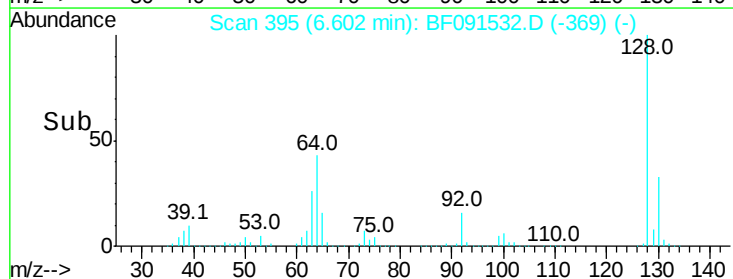
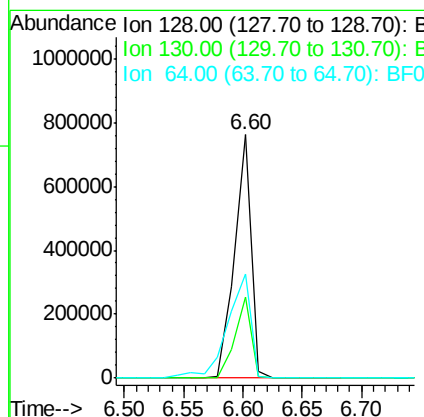
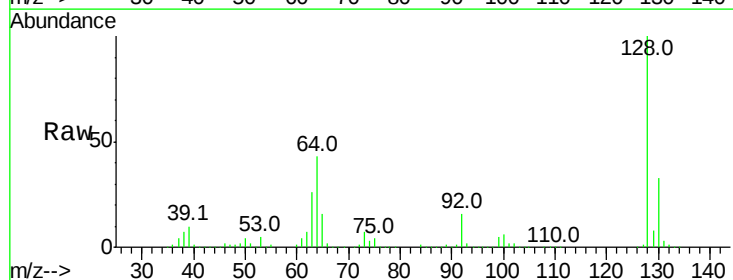
Tgt Ion:128 Resp: 737082

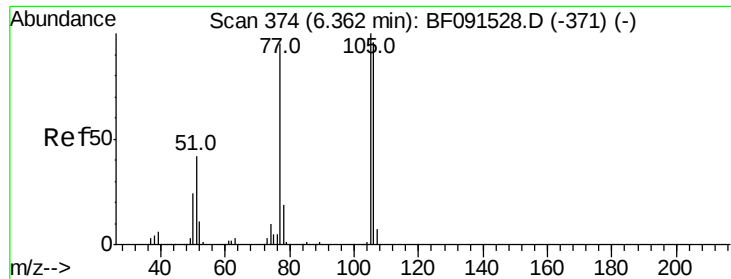
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 42.5 24.1 64.1





#9

Benzaldehyde

Concen: 34.44 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

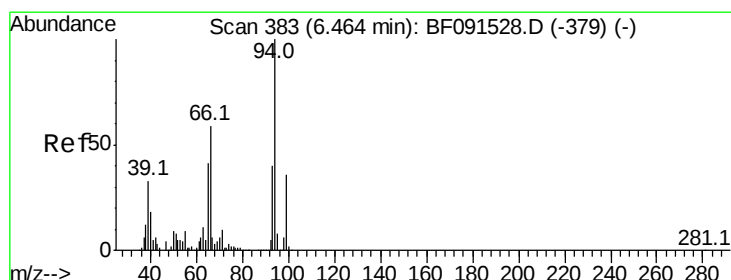
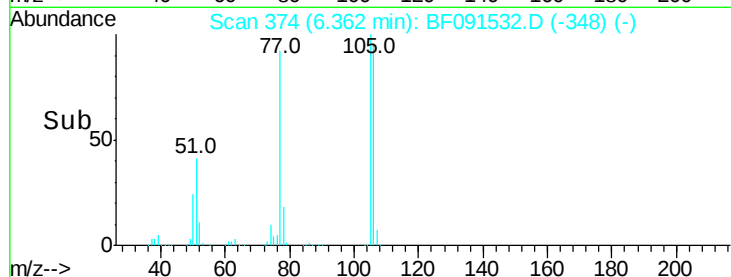
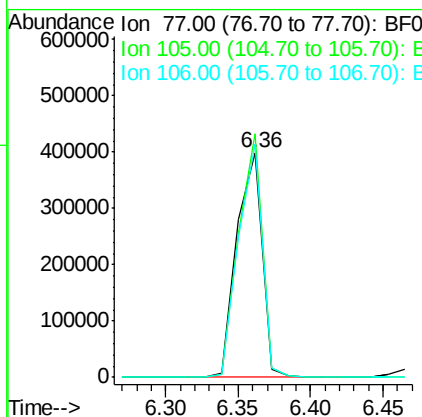
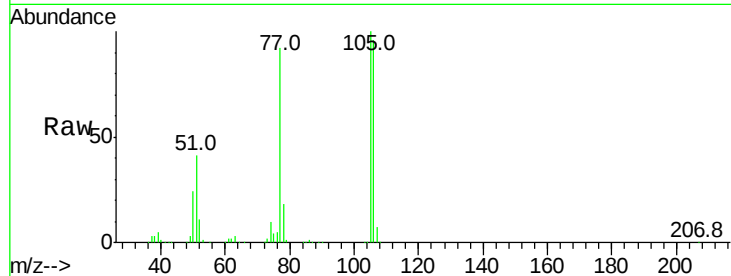
ClientSampleId :

ICVBF120916

Tot Ion:	77	Resp:	483404
Ion Ratio	Lower	Upper	
77	100		
105	108.4	66.4	106.4#
106	103.7	60.9	100.9#

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#10

Phenol

Concen: 37.22 ng

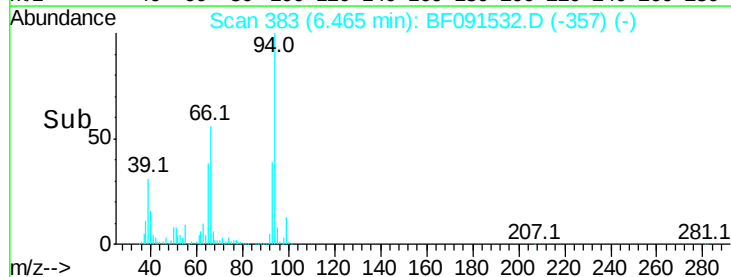
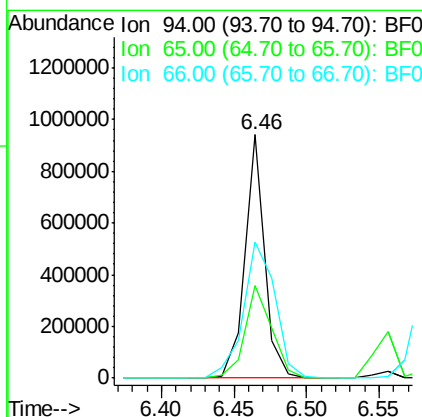
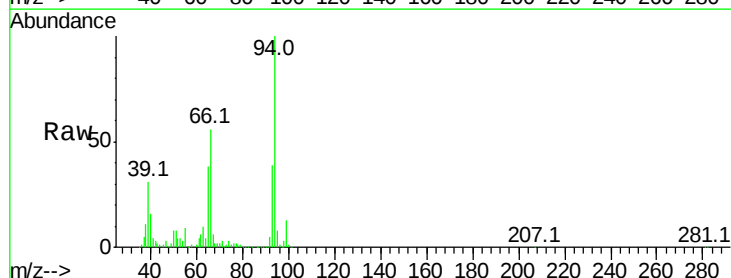
RT: 6.46 min Scan# 383

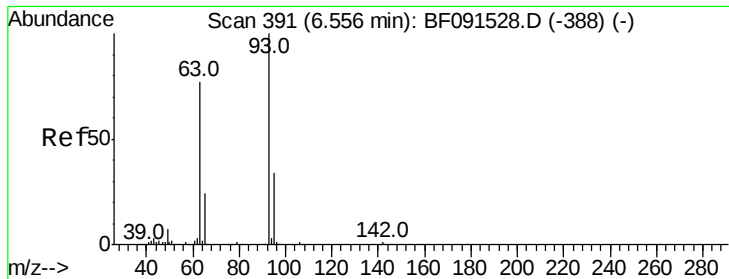
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:	94	Resp:	887529
Ion Ratio	Lower	Upper	
94	100		
65	37.9	16.9	56.9
66	55.9	30.6	70.6





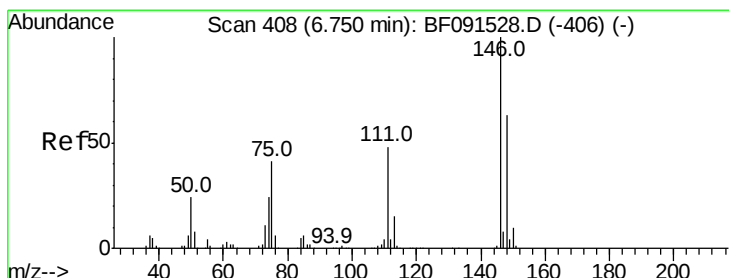
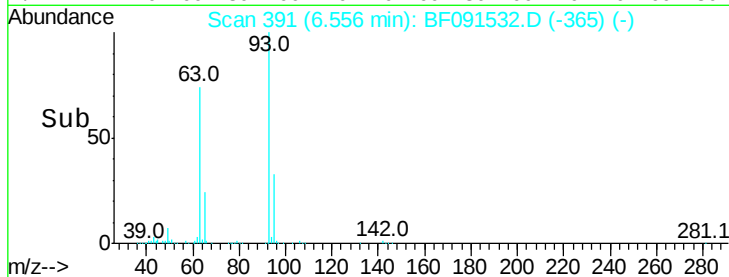
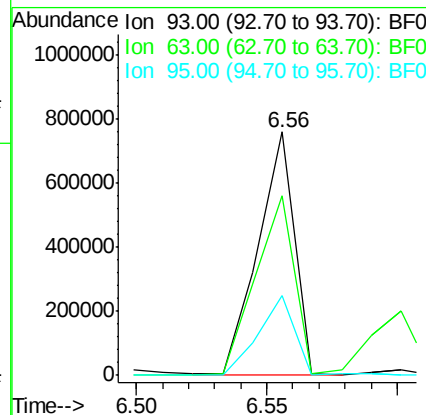
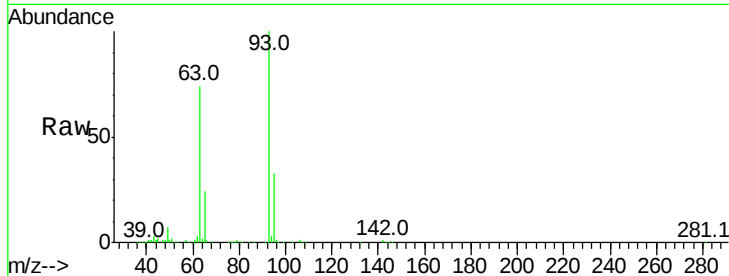
#11
bis(2-Chloroethyl)ether
Concen: 41.57 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	74.8	114.8#
95	32.9	12.4	52.4

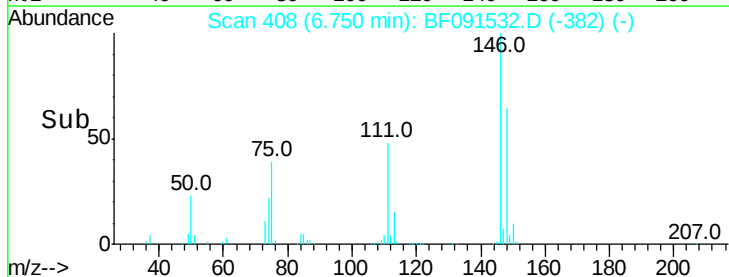
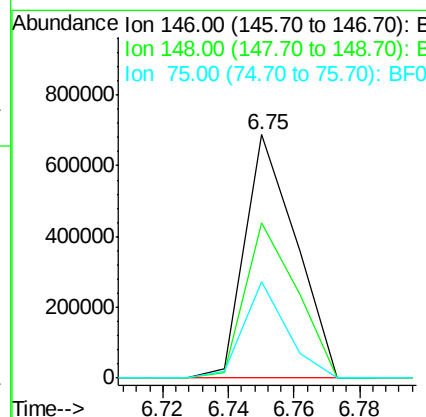
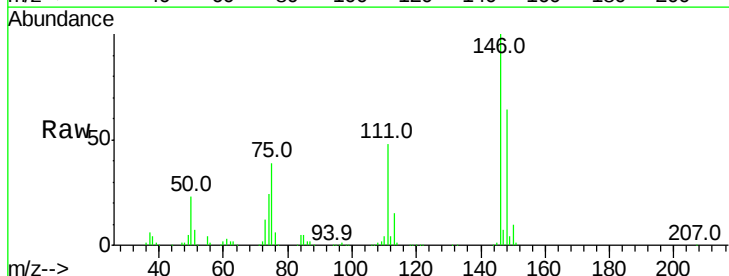
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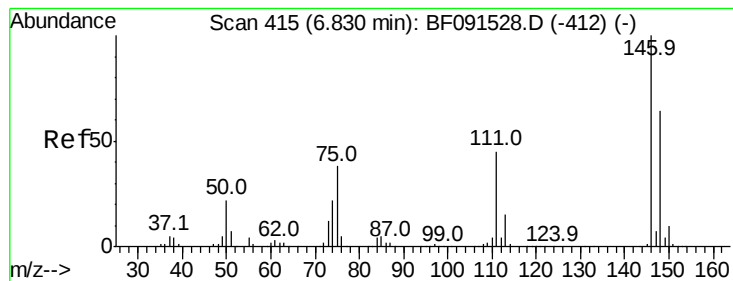
sohil
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#12
1,3-Dichlorobenzene
Concen: 36.76 ng m
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	39.4	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 38.17 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

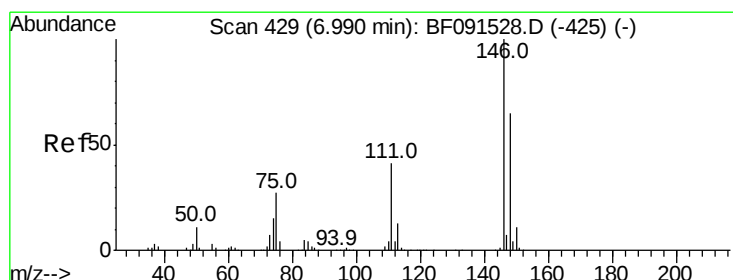
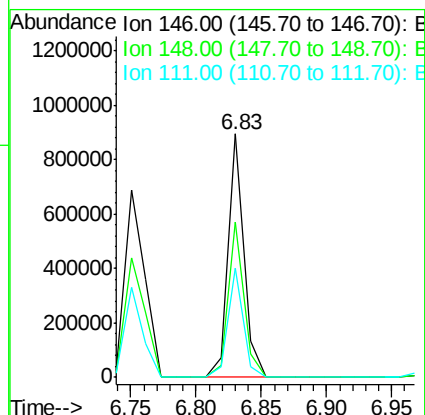
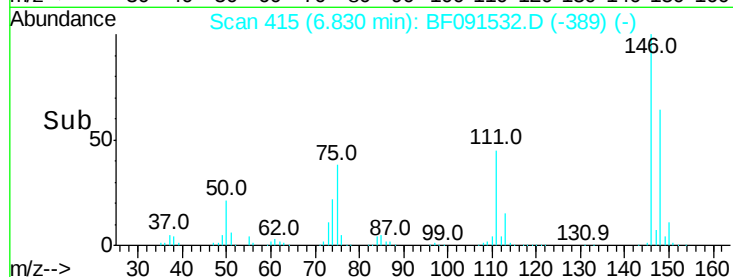
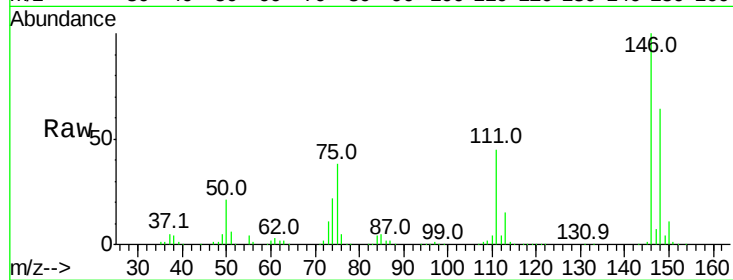
ClientSampled :

ICVBF120916

Tot Ion:	146	Resp:	753776
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
111	45.1	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 40.16 ng

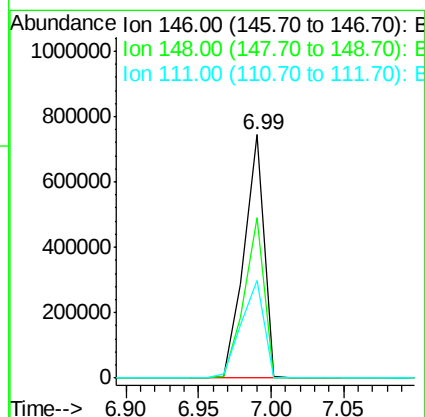
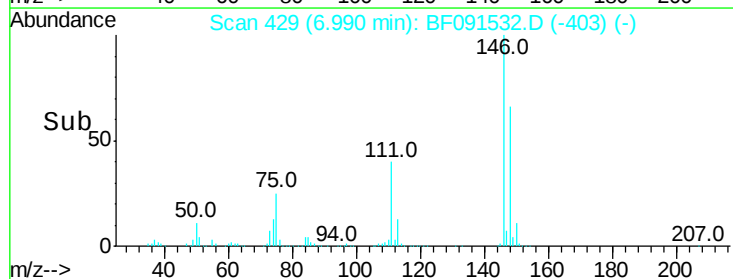
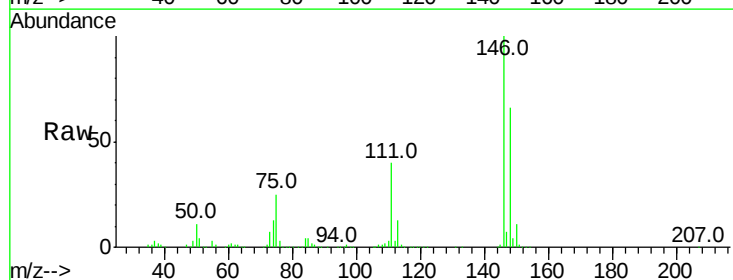
RT: 6.99 min Scan# 429

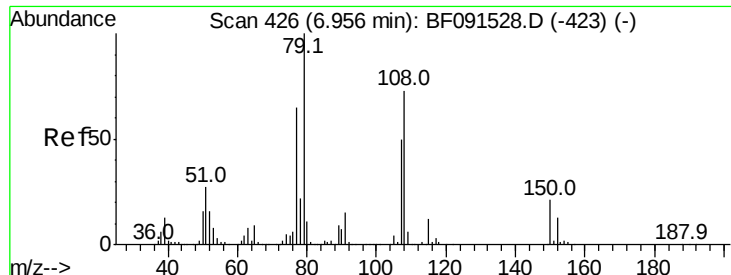
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:	146	Resp:	714674
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.0	76.6
111	40.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 36.07 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion: 79 Resp: 580764

Ion Ratio Lower Upper

79 100

108 73.9 62.7 94.1

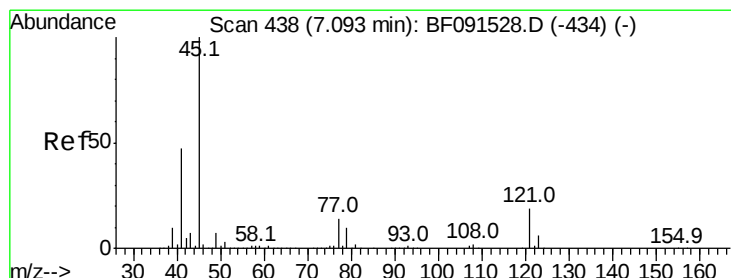
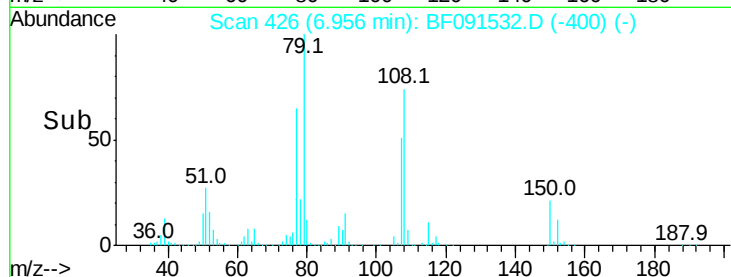
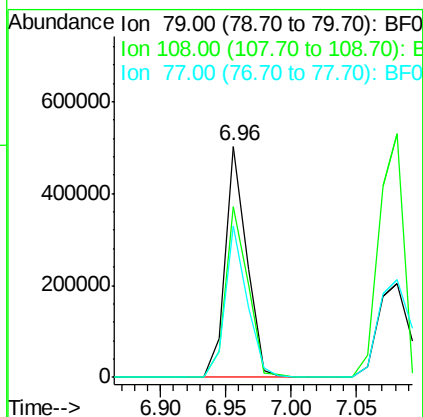
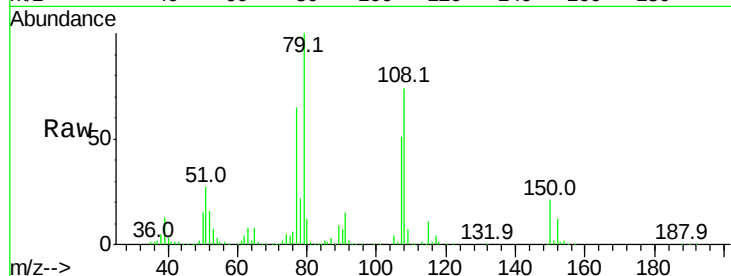
77 65.3 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.82 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

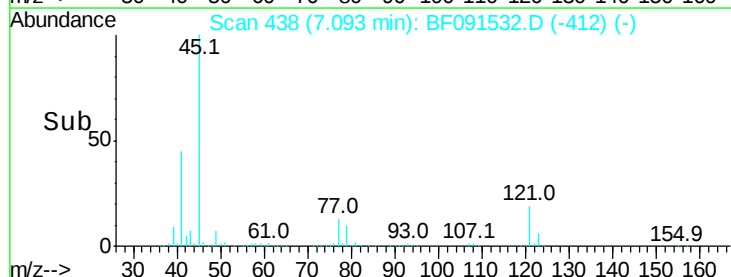
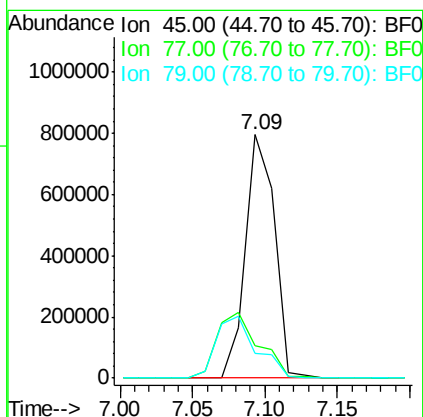
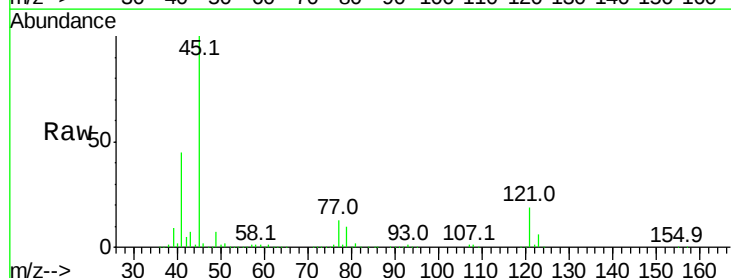
Tgt Ion: 45 Resp: 1105391

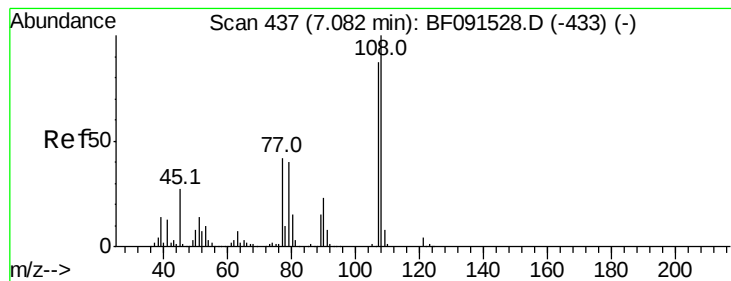
Ion Ratio Lower Upper

45 100

77 13.4 3.8 43.8

79 10.0 0.2 40.2





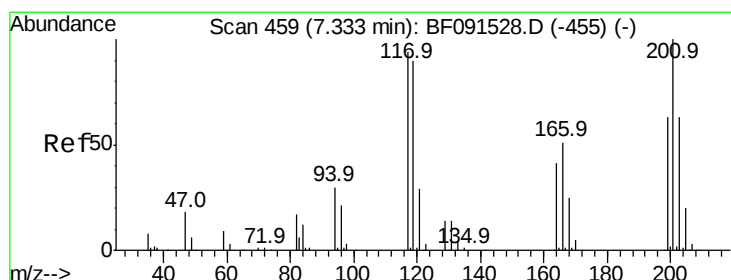
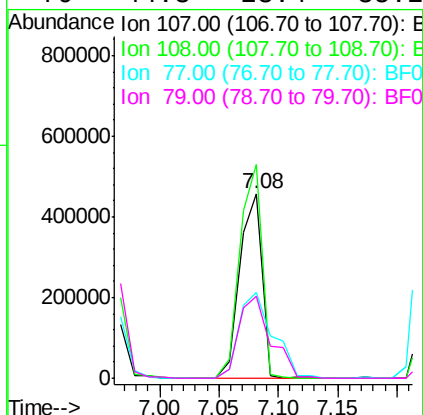
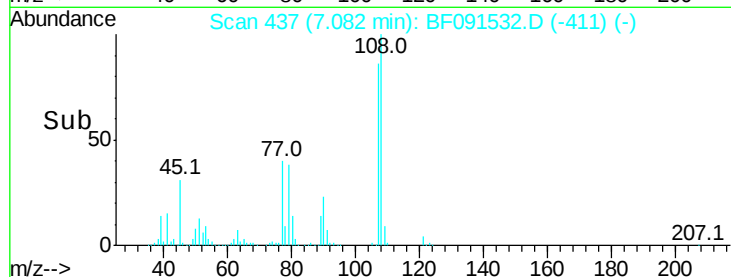
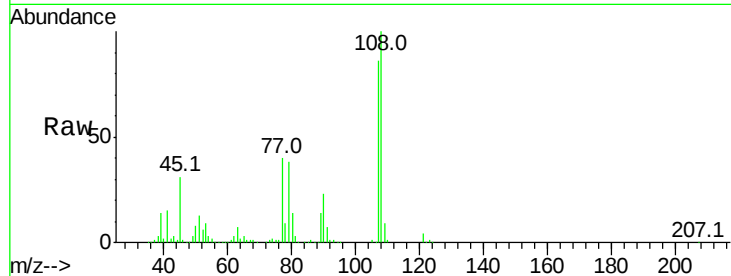
#17
2-Methylphenol
Concen: 39.25 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	67.7	101.5#	
77	46.8	40.7	61.1	
79	44.3	23.4	35.2#	

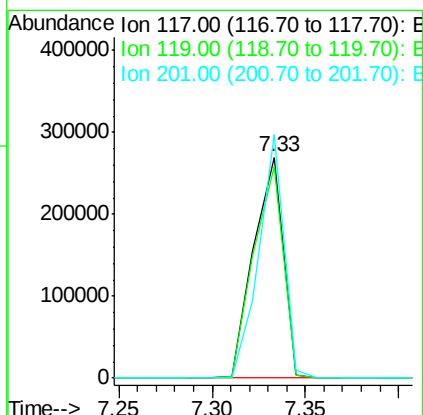
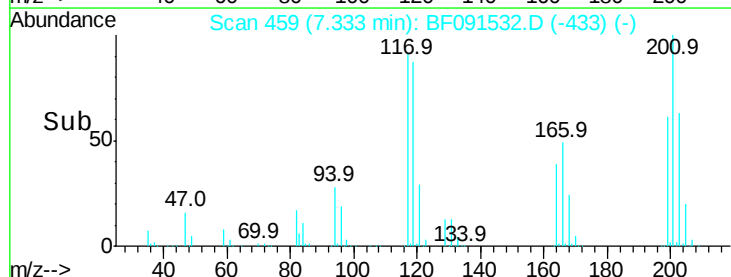
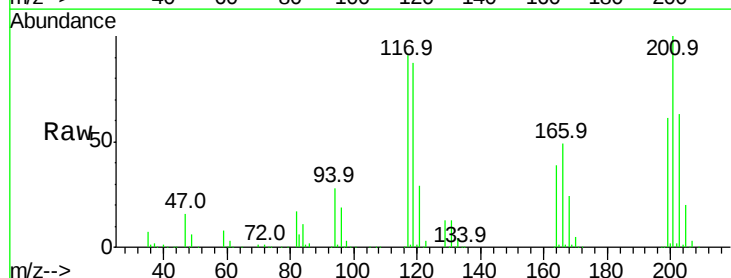
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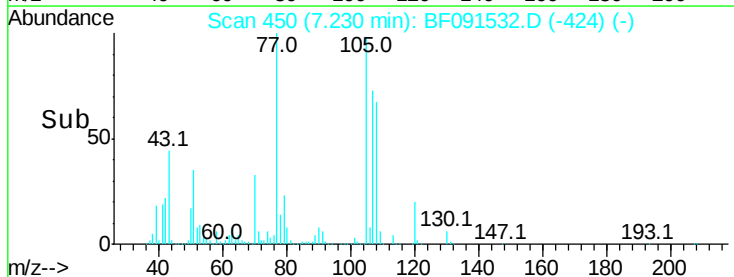
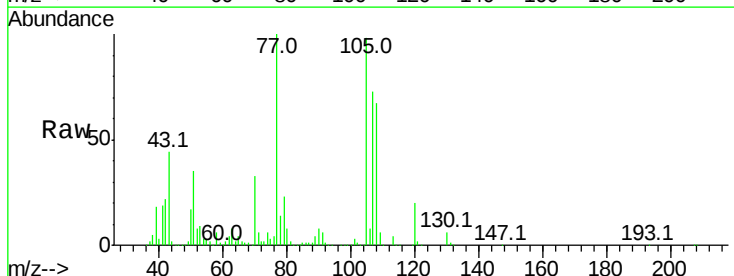
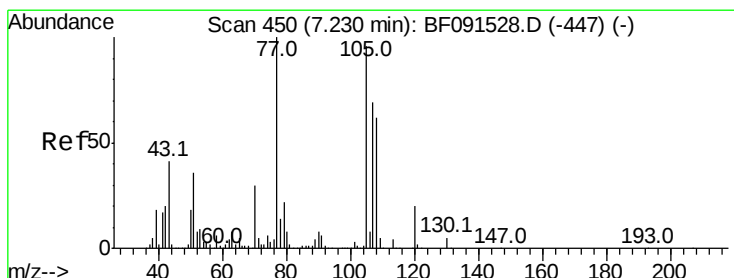
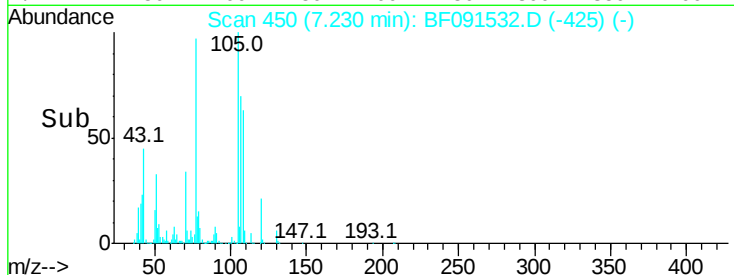
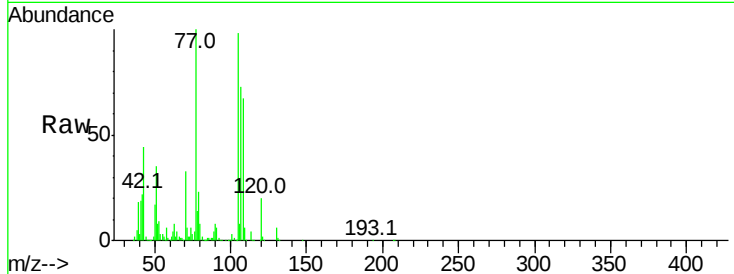
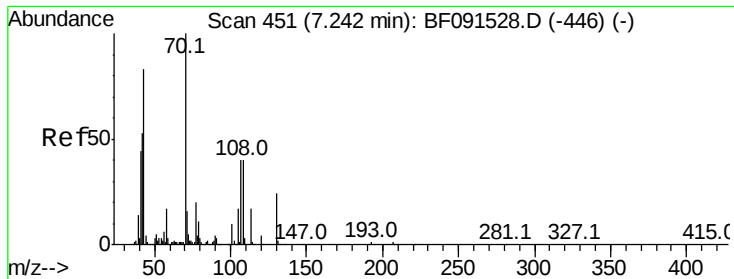
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#18
Hexachloroethane
Concen: 38.33 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

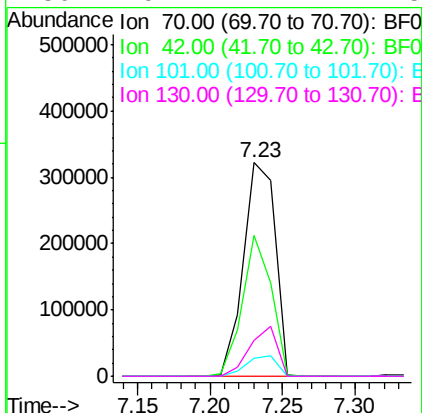
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.6	118.0	
201	110.1	86.7	130.1	





#19
n-Nitroso-di-n-propylamine
Concen: 38.58 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		491968		
42	65.9	64.8	97.2		
101	8.7	6.2	9.4		
130	16.7	11.7	17.5		



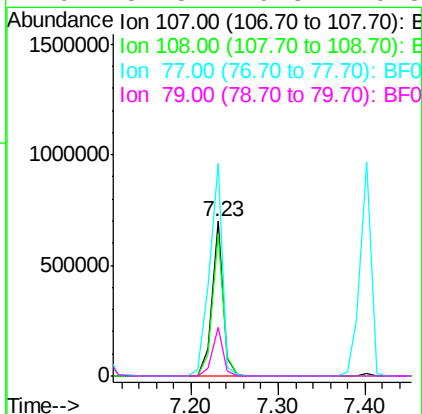
Instrument :
BNA_F
ClientSampleId :
ICVBF120916

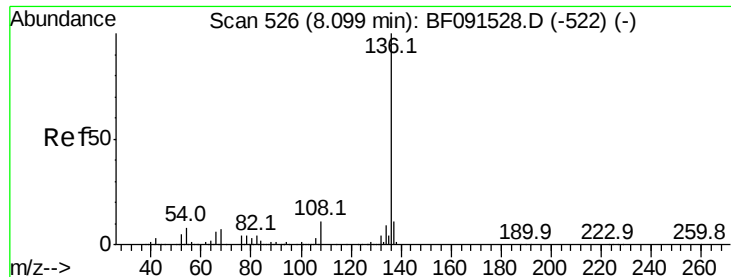
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#20
3+4-Methylphenols
Concen: 37.35 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		625035		
108	92.2	64.6	104.6		
77	137.9	30.9	70.9#		
79	31.8	9.3	49.3		





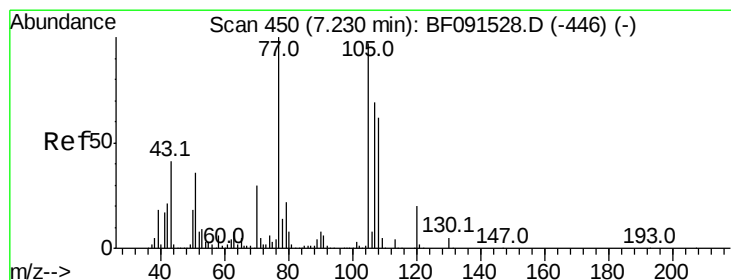
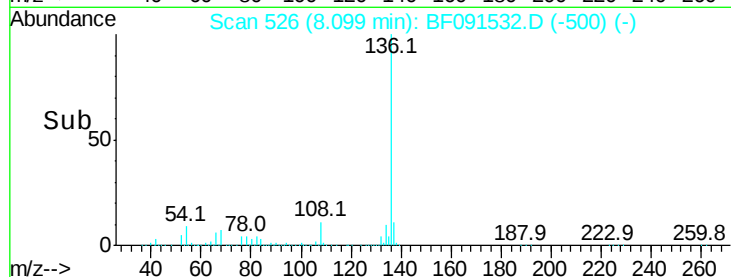
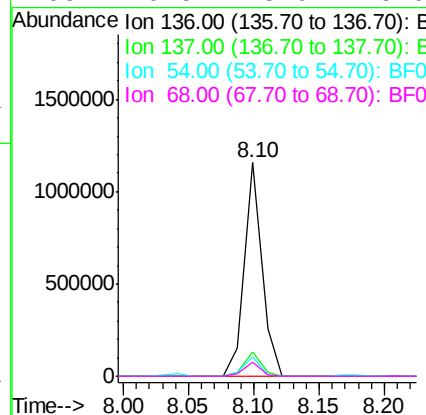
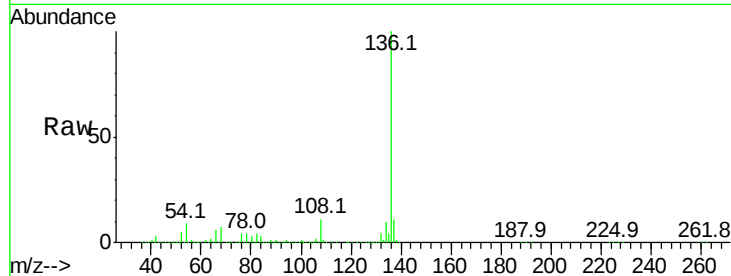
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.7	9.1	13.7#
68	6.5	5.9	8.9

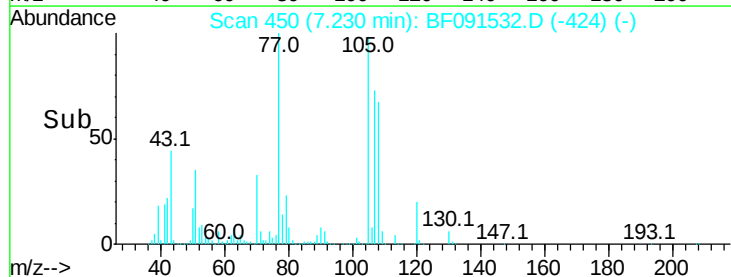
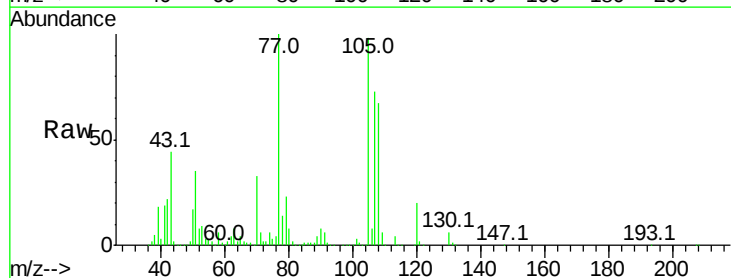
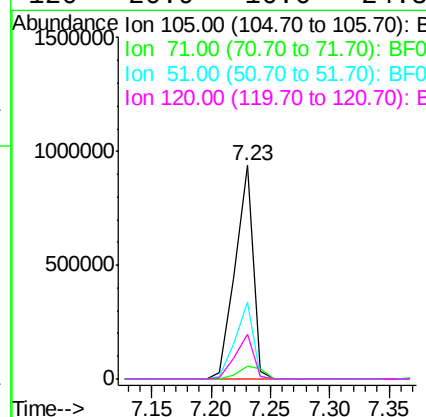
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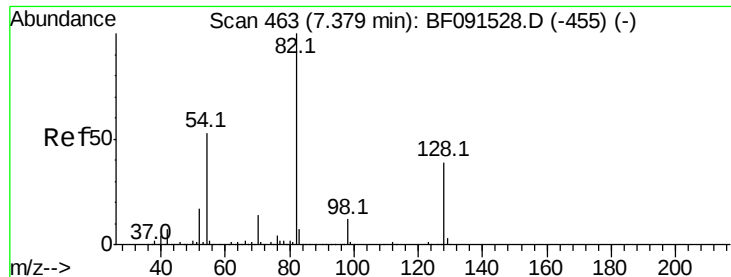
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#22
Acetophenone
Concen: 38.41 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.7	7.9	11.9#
51	35.9	24.5	36.7
120	20.9	16.6	24.8





#23

Nitrobenzene-d5

Concen: 74.40 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion: 82 Resp: 1436756

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

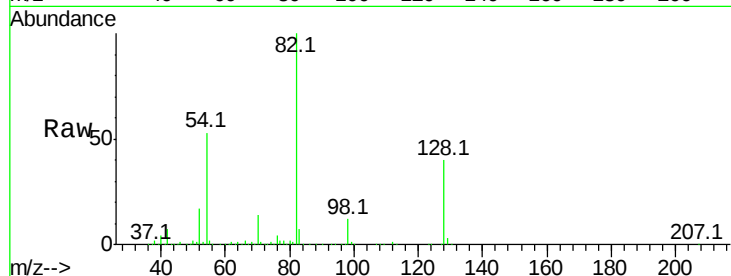
54 52.7 49.1 73.7

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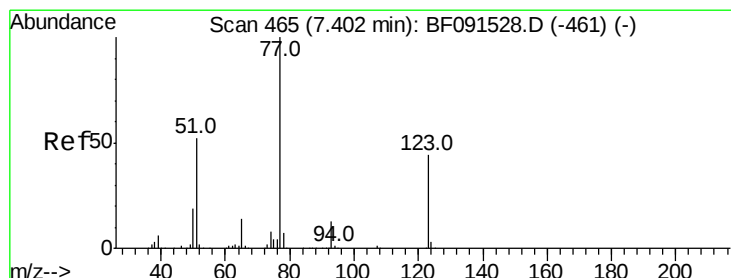
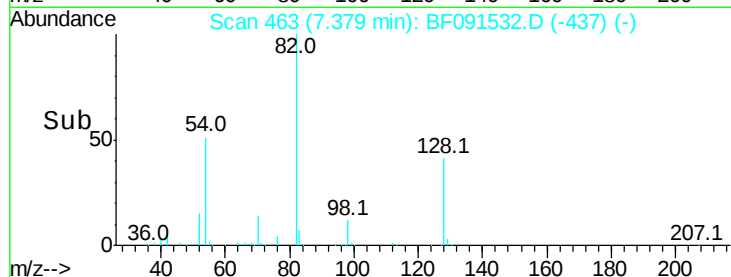
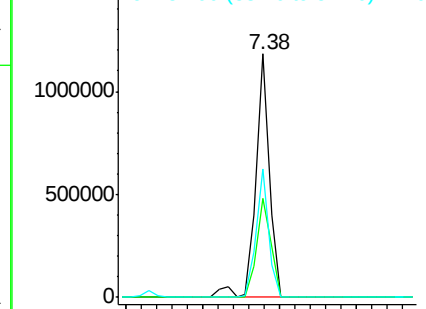
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.09 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

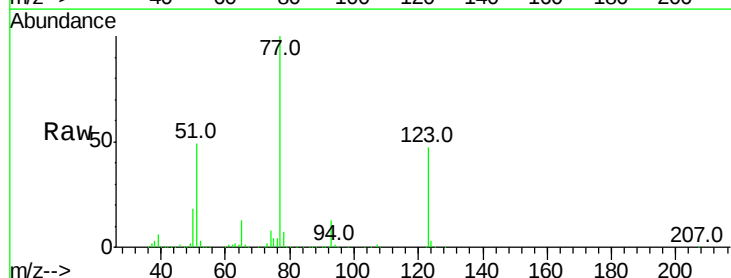
Tgt Ion: 77 Resp: 858734

Ion Ratio Lower Upper

77 100

123 47.1 28.5 42.7#

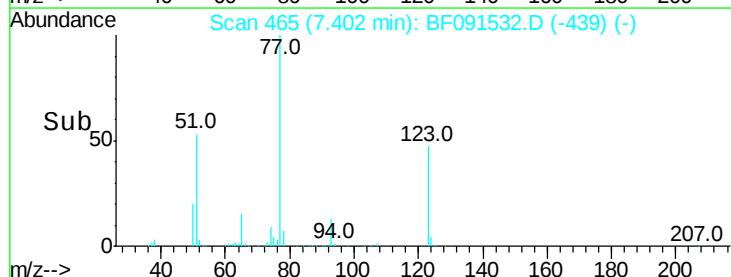
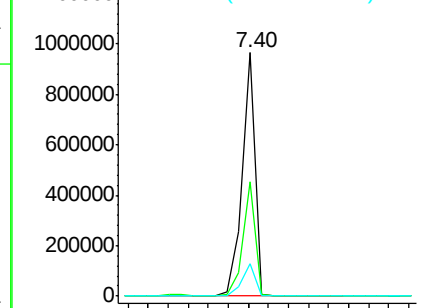
65 13.5 12.5 18.7

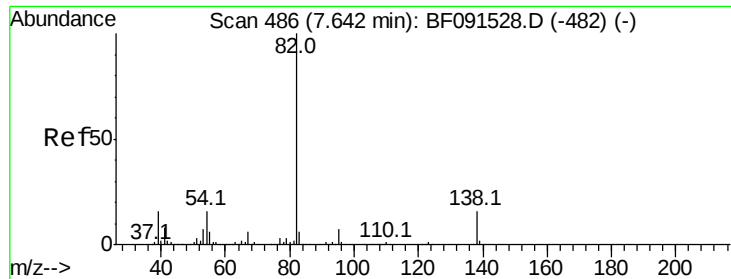


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.85 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion: 82 Resp: 1333662

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

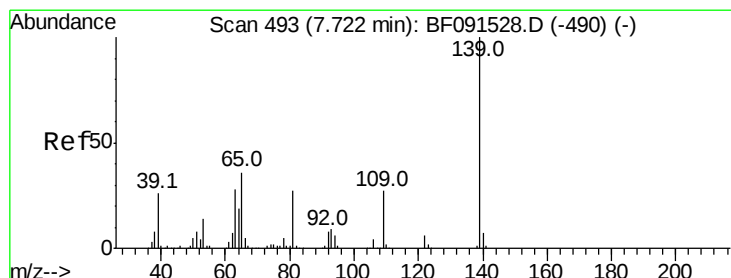
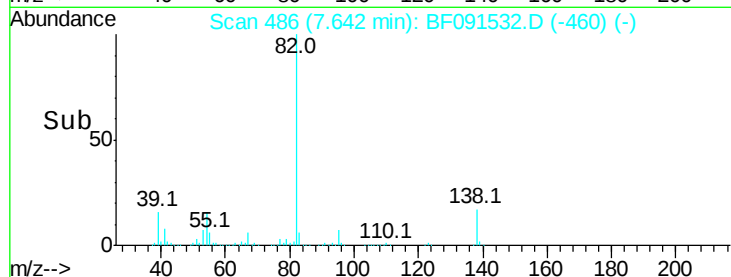
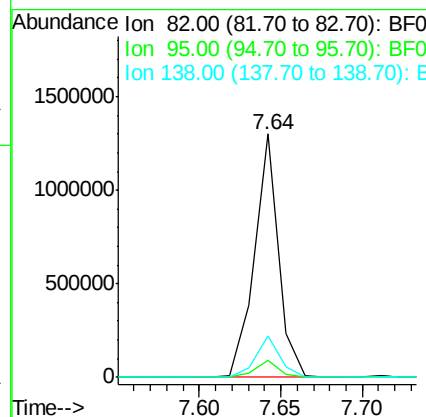
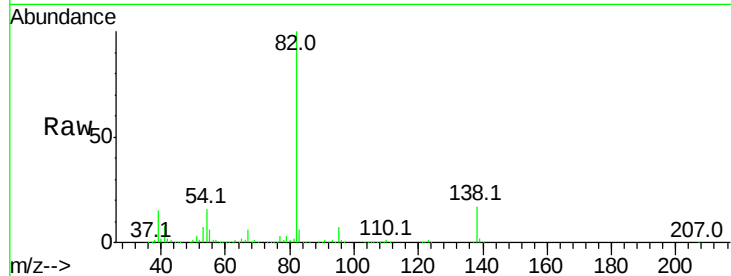
138 16.9 13.4 20.0

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#26

2-Nitrophenol

Concen: 40.28 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

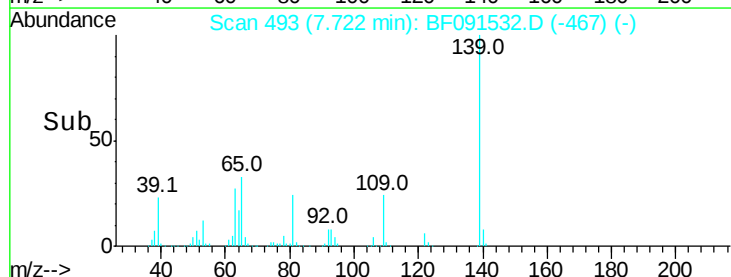
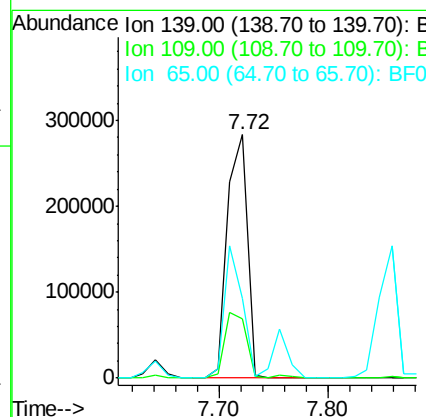
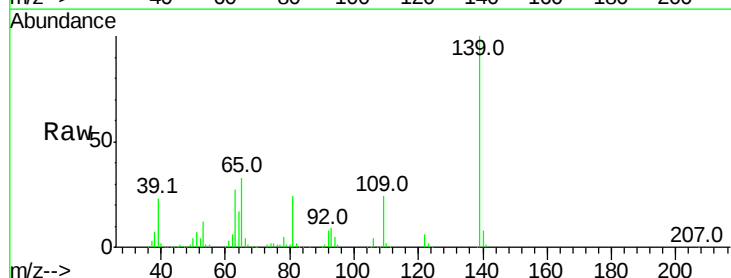
Tgt Ion: 139 Resp: 362687

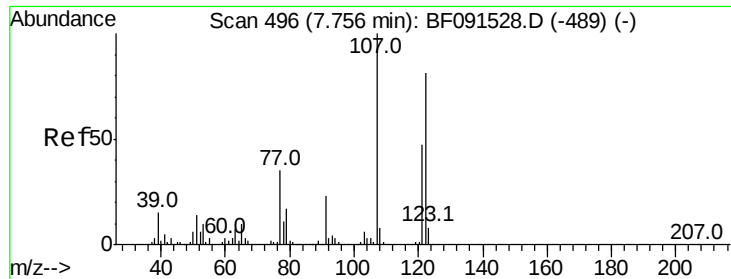
Ion Ratio Lower Upper

139 100

109 24.2 25.3 37.9#

65 32.9 55.4 83.2#





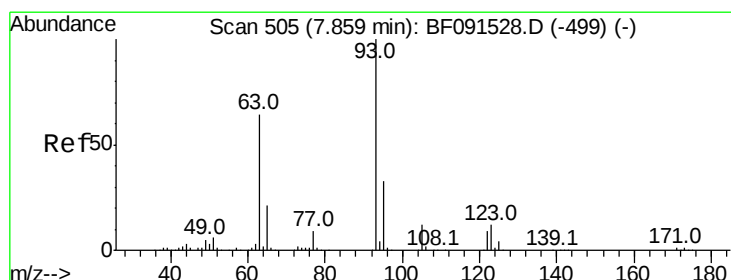
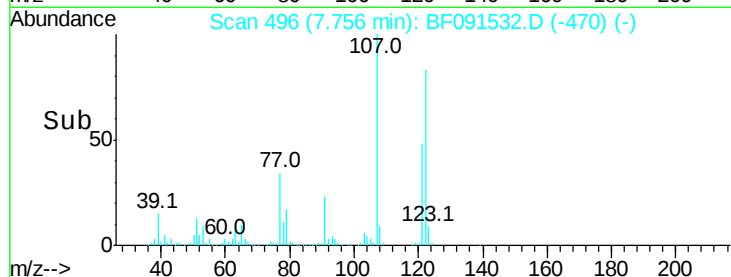
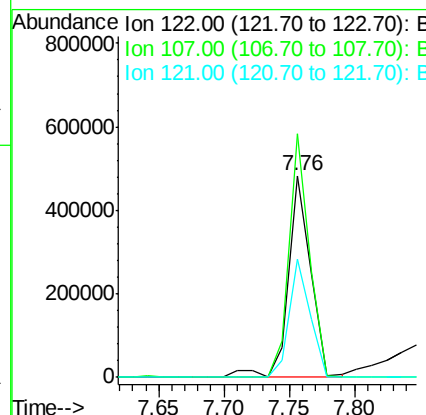
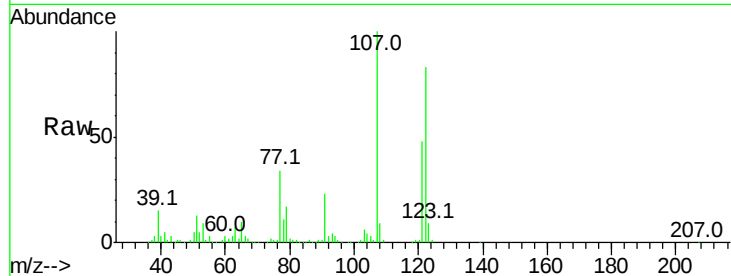
#27
2,4-Dimethylphenol
Concen: 36.64 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
122	100	579522		
107	120.7	96.8	145.2	
121	58.4	47.7	71.5	

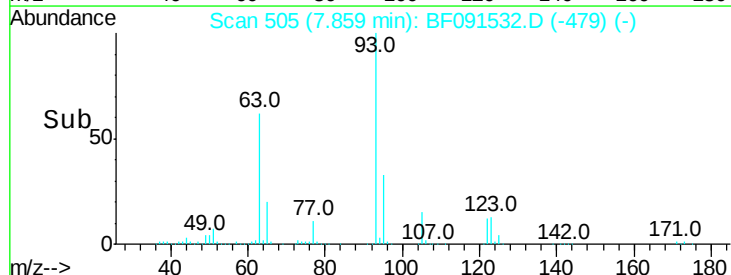
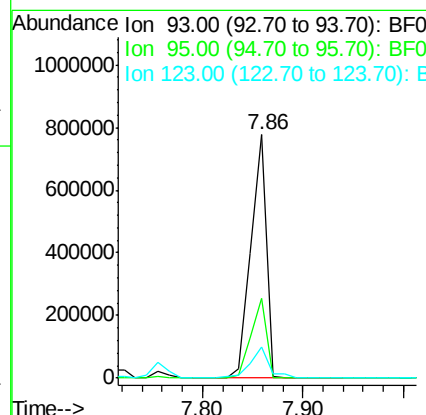
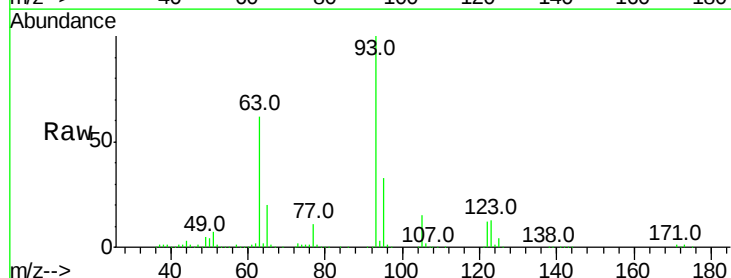
Manual Integrations
APPROVED

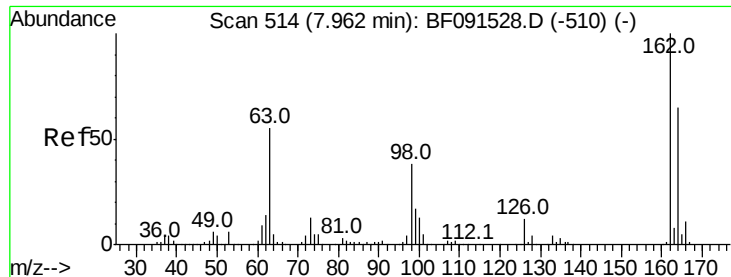
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.39 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	833439		
95	32.7	26.0	39.0	
123	12.9	8.6	12.8#	





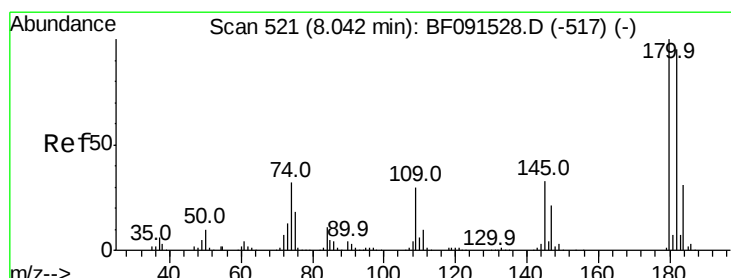
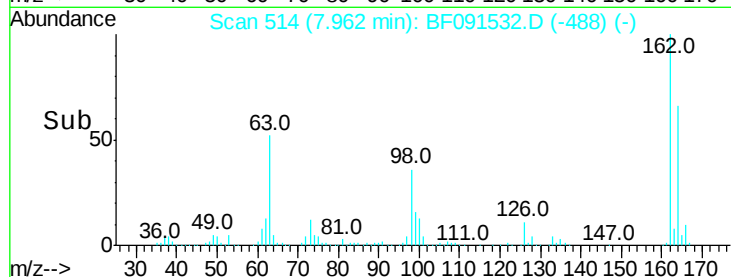
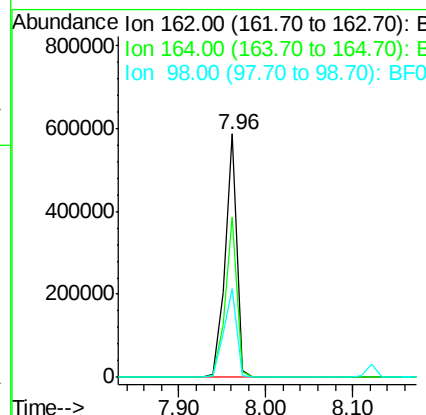
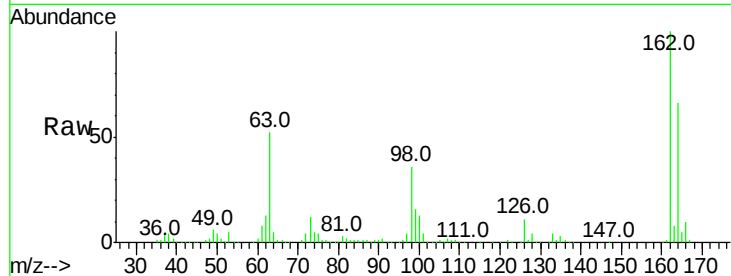
#29
 2,4-Dichlorophenol
 Concen: 40.96 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.9	45.0	85.0
98	36.5	21.3	61.3

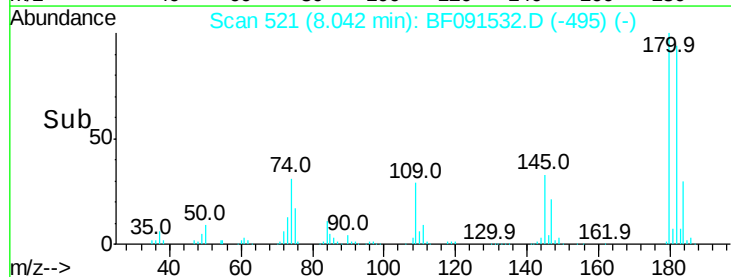
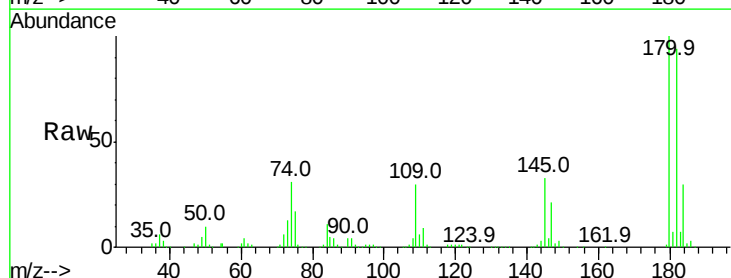
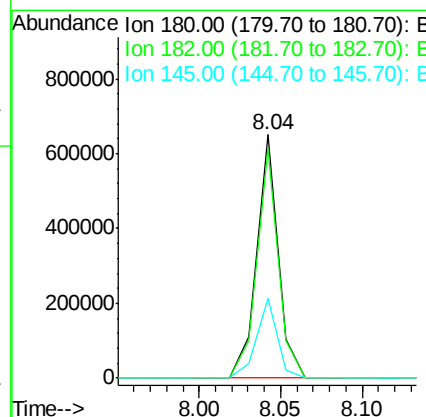
Manual Integrations
 APPROVED

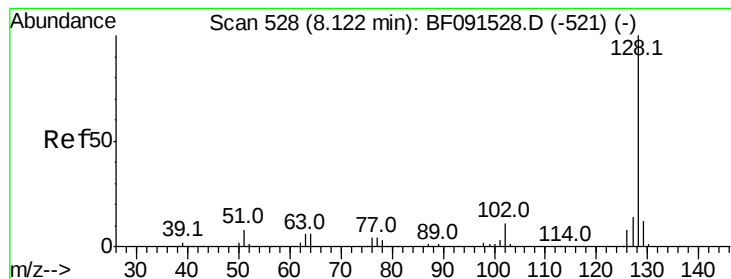
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 12/12/2016 6:49:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.94 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	75.8	113.8
145	32.8	27.0	40.4





#31

Naphthalene

Concen: 37.70 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion:128 Resp: 1890678

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

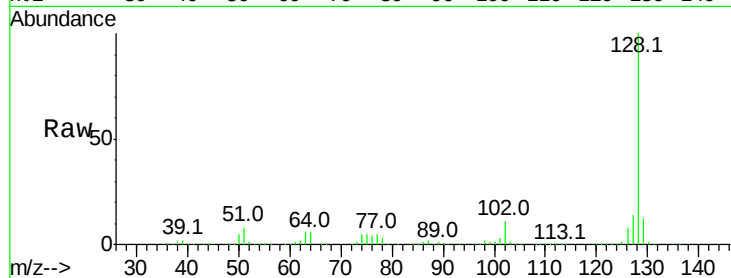
127 13.6 11.0 16.4

Manual Integrations

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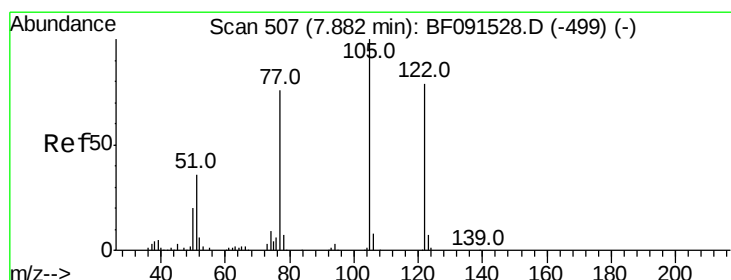
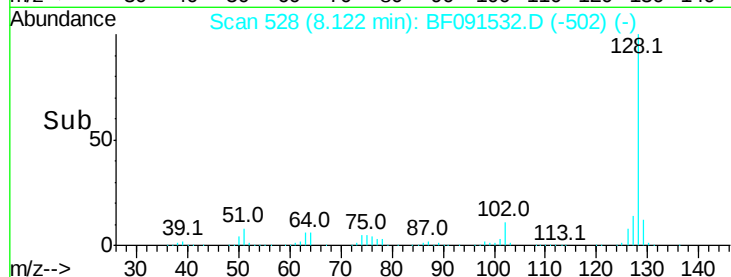
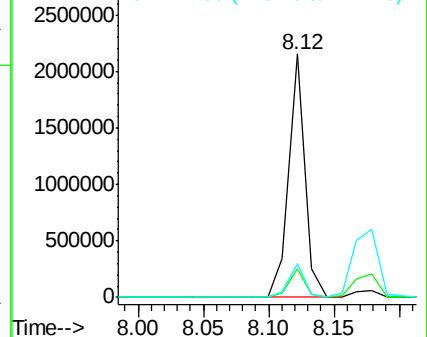
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.90 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

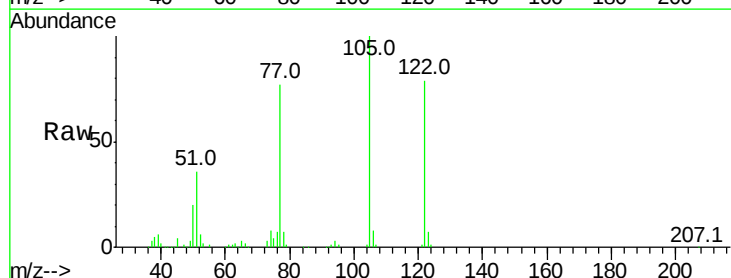
Tgt Ion:122 Resp: 442405

Ion Ratio Lower Upper

122 100

105 127.3 113.0 153.0

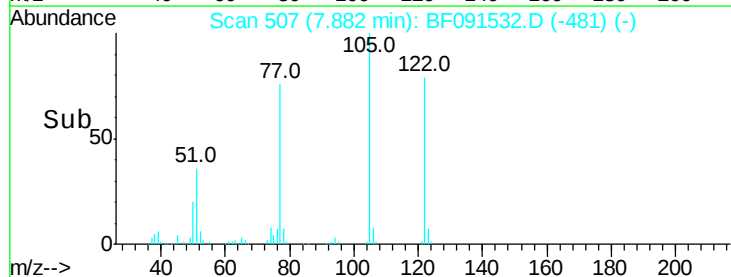
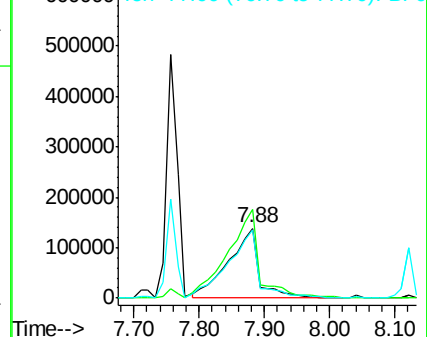
77 97.4 82.0 122.0

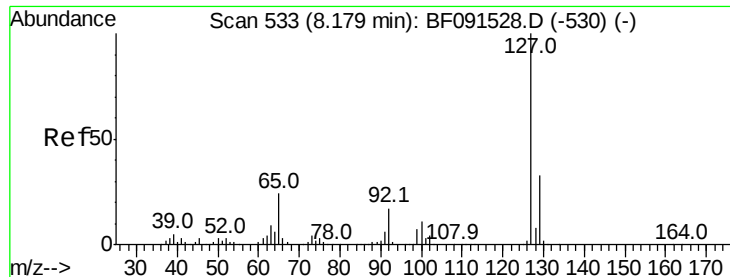


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





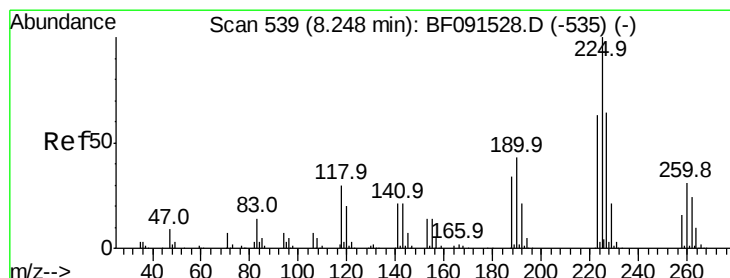
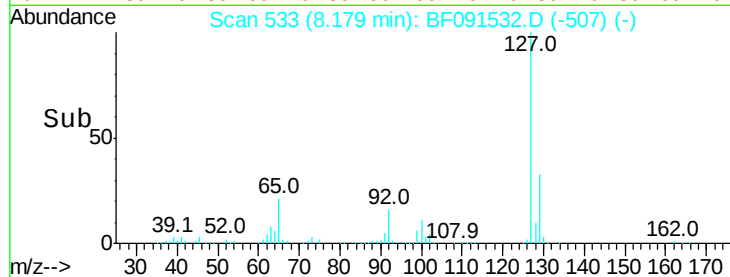
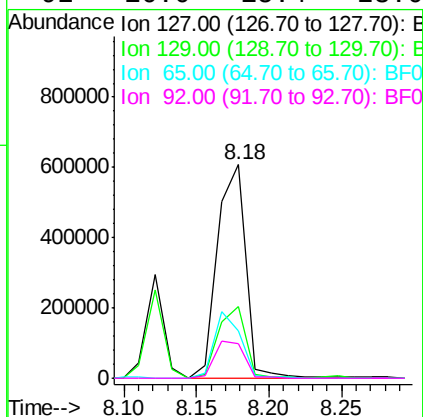
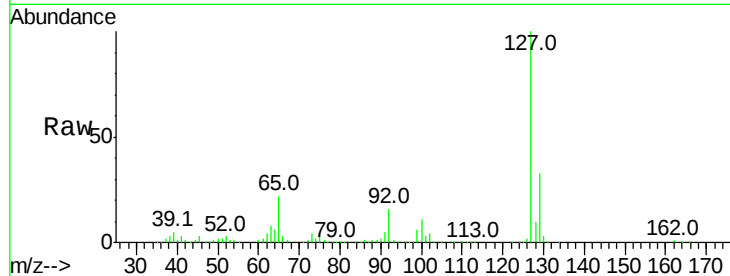
#33
4-Chloroaniline
Concen: 38.15 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	26.2	39.4	
65	22.1	26.6	39.8	
92	16.0	15.4	23.0	

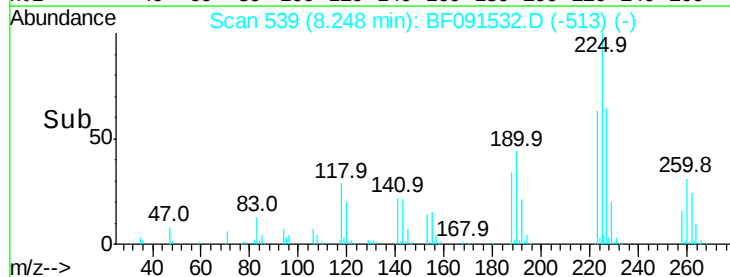
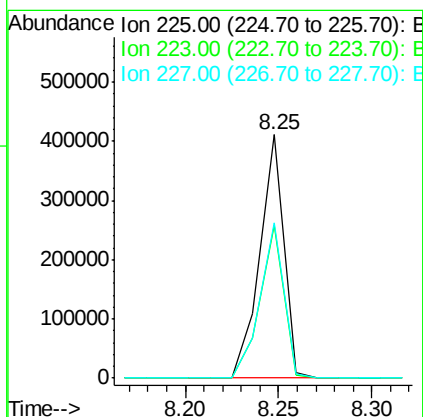
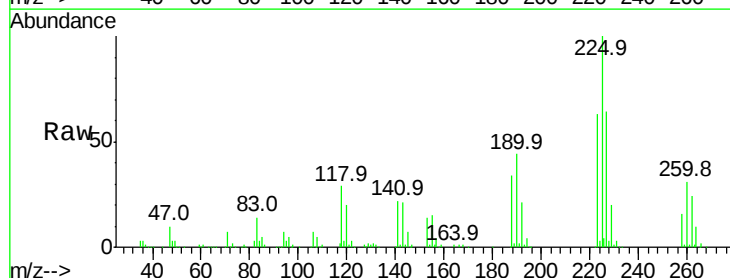
Manual Integrations
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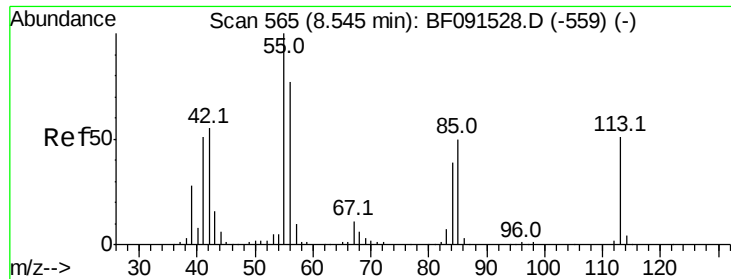
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#34
Hexachlorobutadiene
Concen: 40.60 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	49.8	74.6	
227	63.6	52.6	79.0	





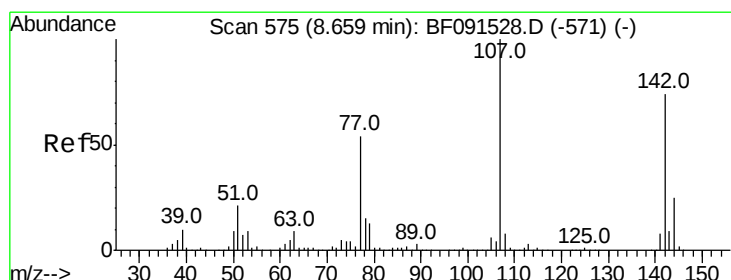
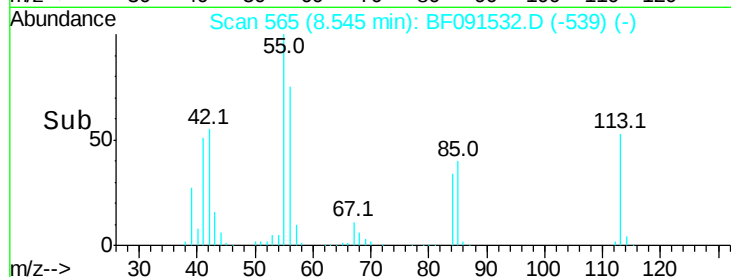
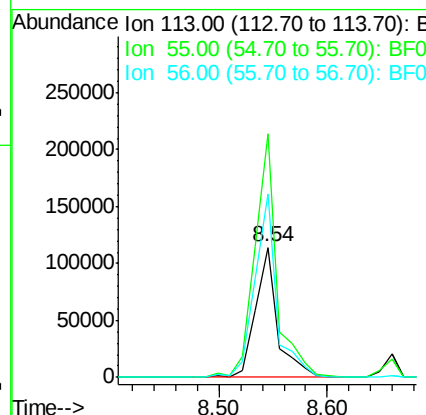
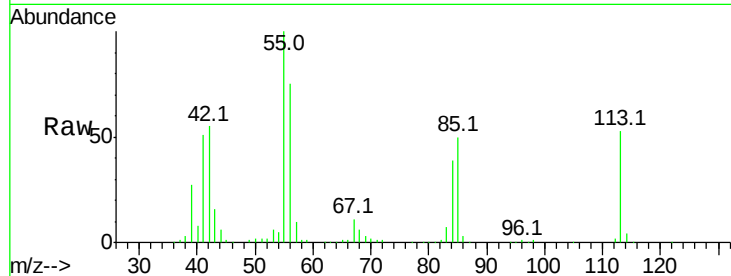
#35
Caprolactam
Concen: 39.92 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	187.8	239.8	279.8#	
56	141.7	165.6	205.6#	

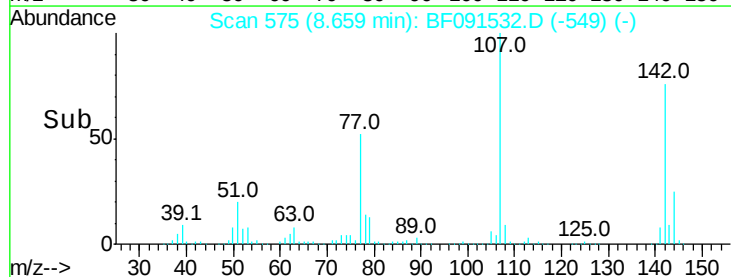
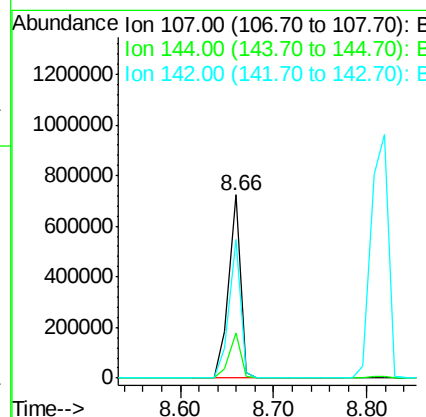
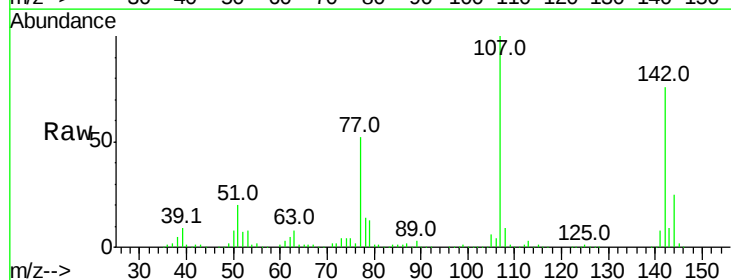
Manual Integrations
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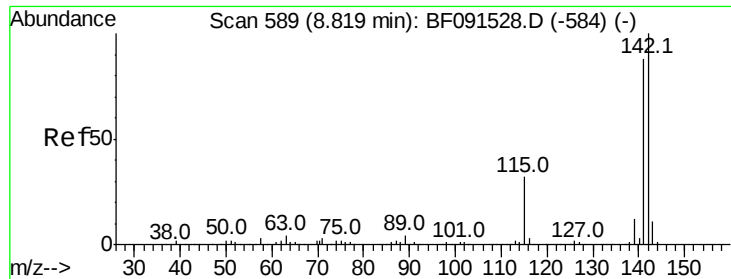
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#36
4-Chloro-3-methylphenol
Concen: 41.85 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.8	18.9	28.3	
142	75.6	58.5	87.7	





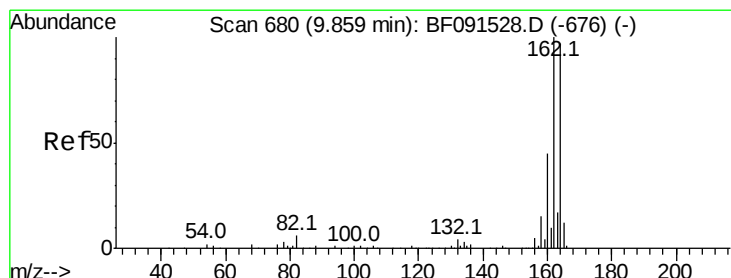
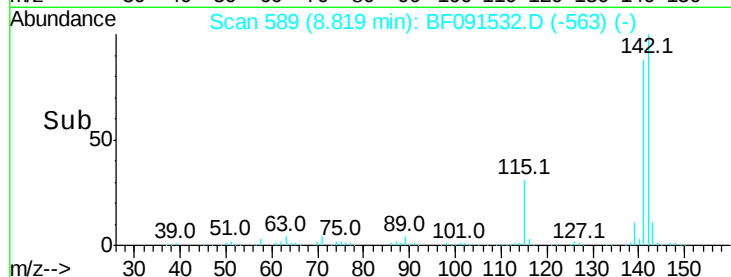
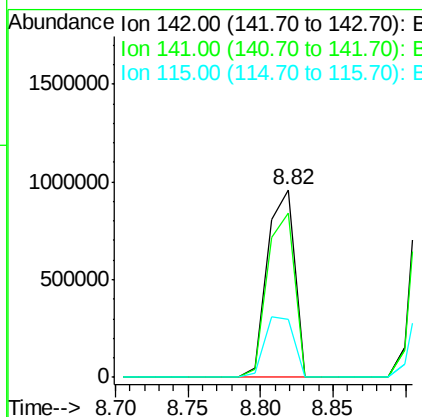
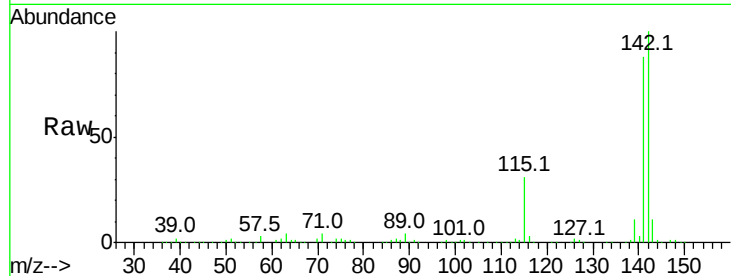
#37
2-Methylnaphthalene
Concen: 38.51 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion:142 Resp: 1250022
Ion Ratio Lower Upper
142 100
141 87.5 71.7 107.5
115 30.7 25.0 37.6

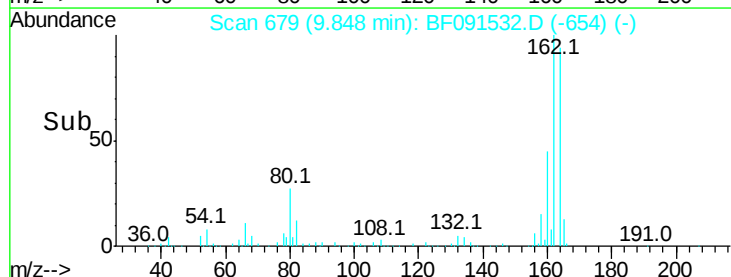
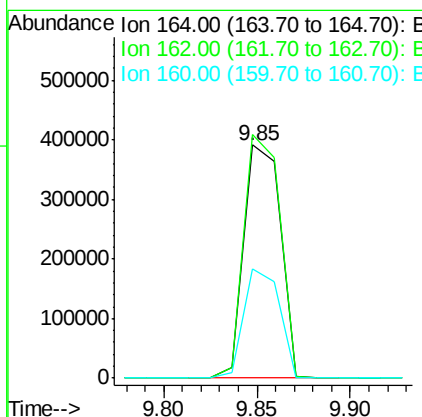
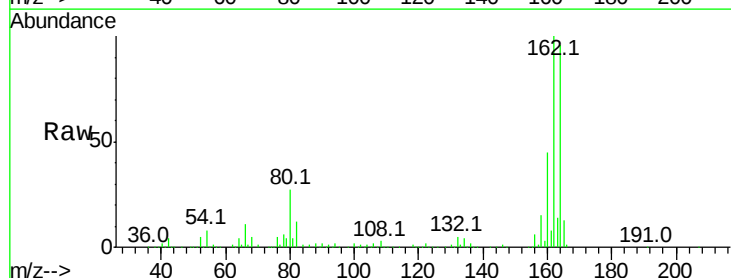
Manual Integrations
APPROVED

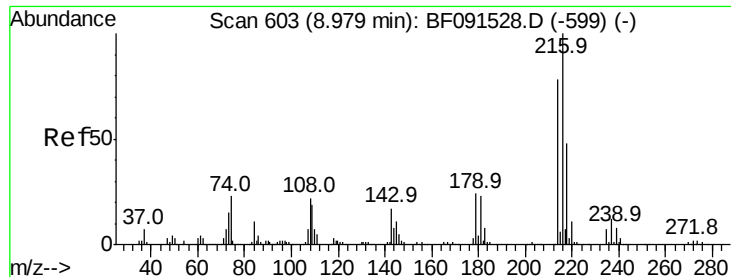
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:164 Resp: 531355
Ion Ratio Lower Upper
164 100
162 104.4 82.6 124.0
160 46.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.74 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

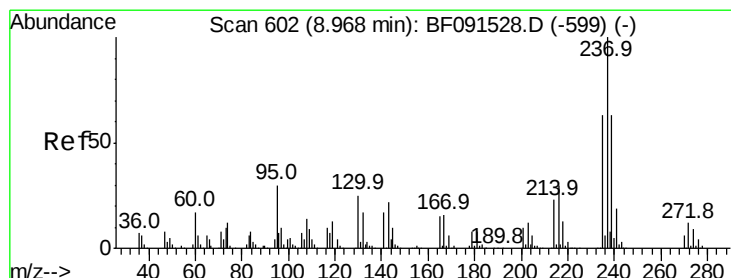
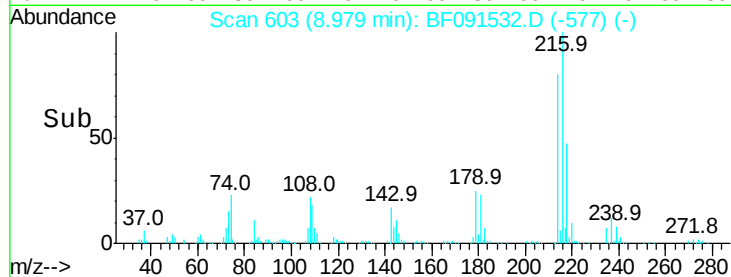
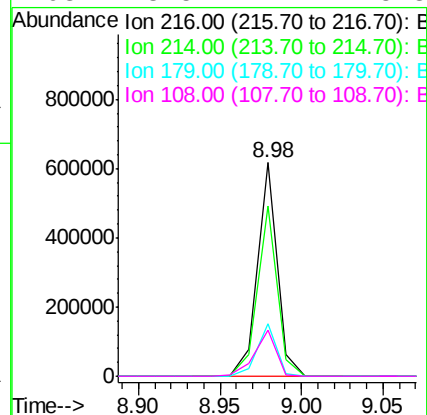
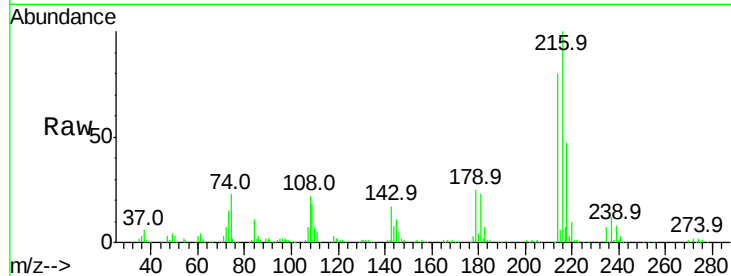
ClientSampleId :

ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
216	100	520826		
214	79.5		63.8	95.8
179	23.9		18.2	27.2
108	23.5		17.2	25.8

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 40.18 ng

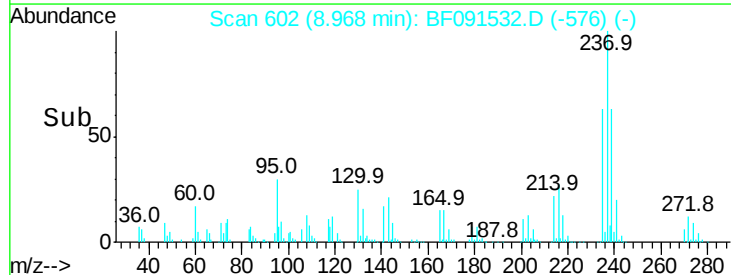
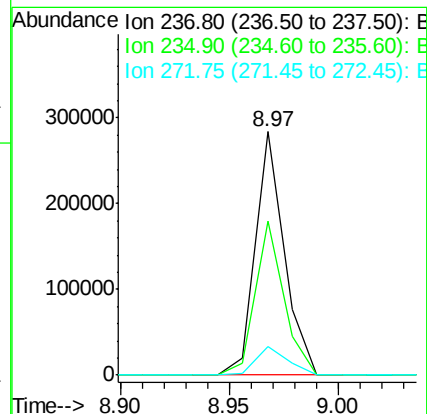
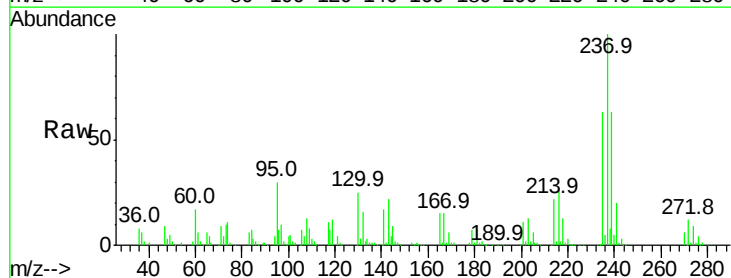
RT: 8.97 min Scan# 602

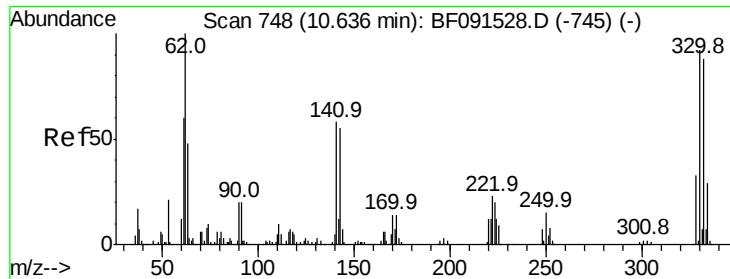
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	261091		
235	63.5		43.9	83.9
272	11.7		0.0	33.1





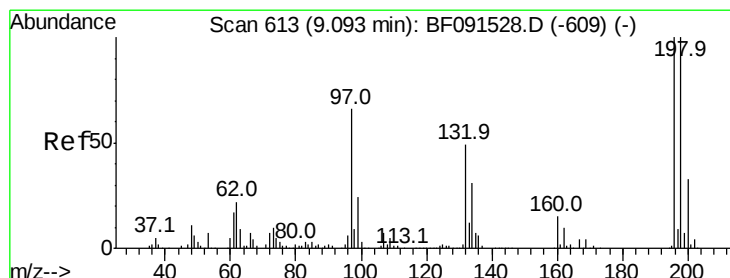
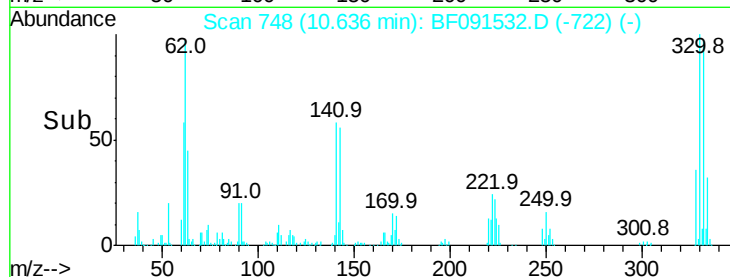
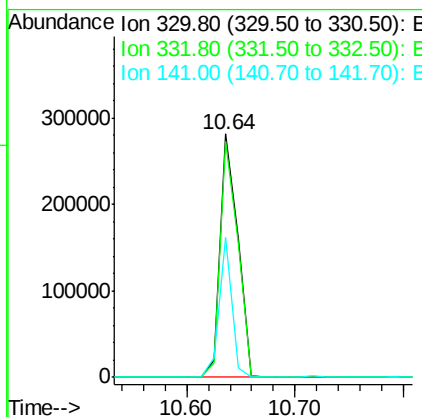
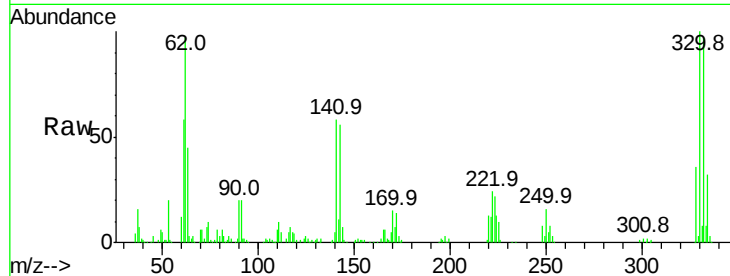
#41
 2,4,6-Tribromophenol
 Concen: 72.49 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
330	100	319917		
332	96.6	76.2	114.4	
141	42.8	33.6	50.4	

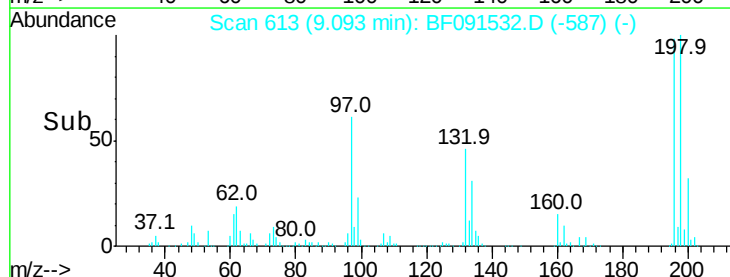
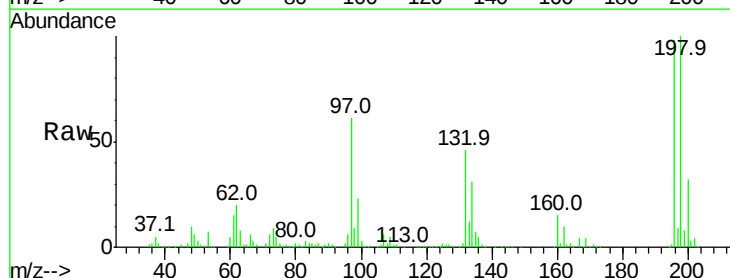
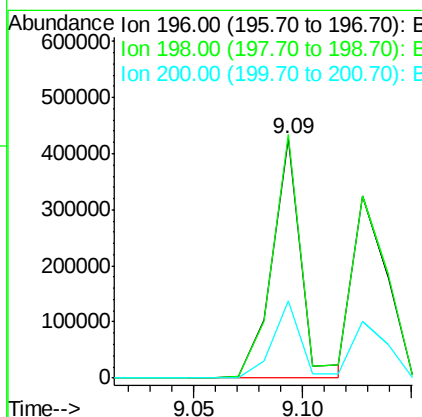
Manual Integrations
 APPROVED

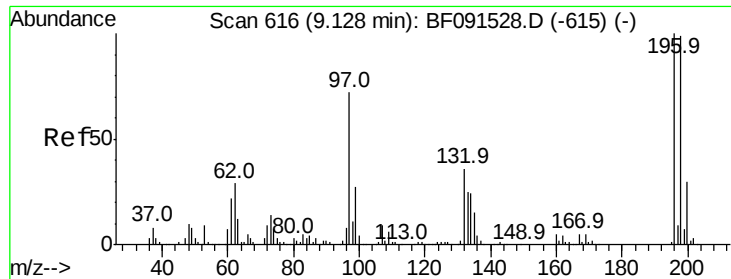
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#42
 2,4,6-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	396715		
198	101.6	77.4	116.0	
200	32.4	25.2	37.8	





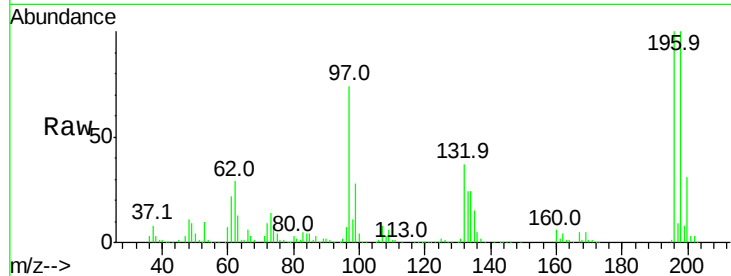
#43
2,4,5-Trichlorophenol
Concen: 36.85 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
196	100	354577		
198	99.9	77.0	115.6	
97	74.5	33.5	50.3	#
132	37.1	20.5	30.7	#

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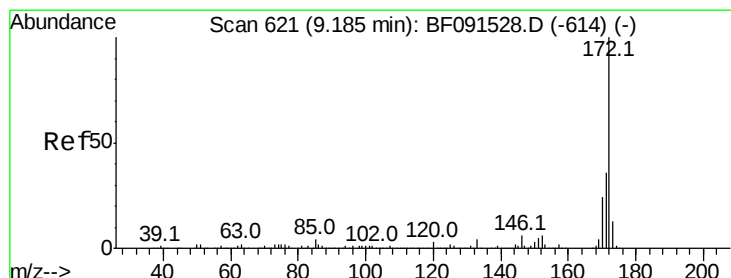
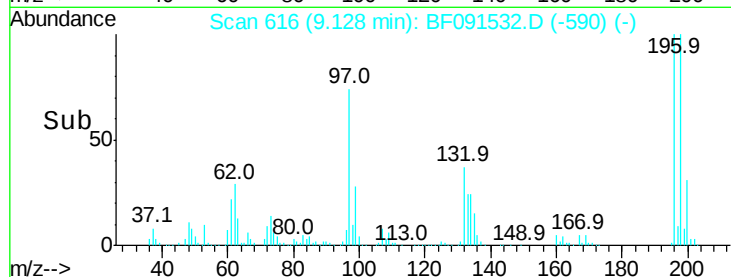
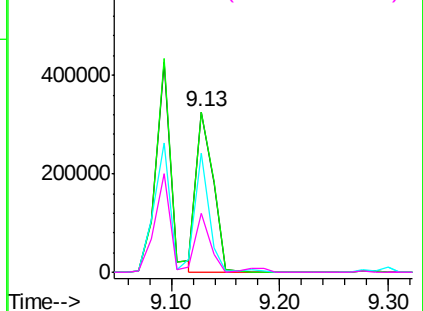
Abundance

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: 75.74 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

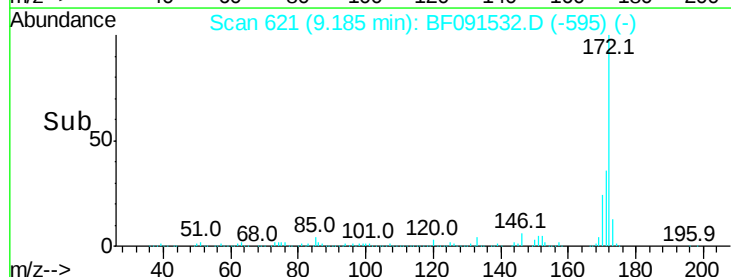
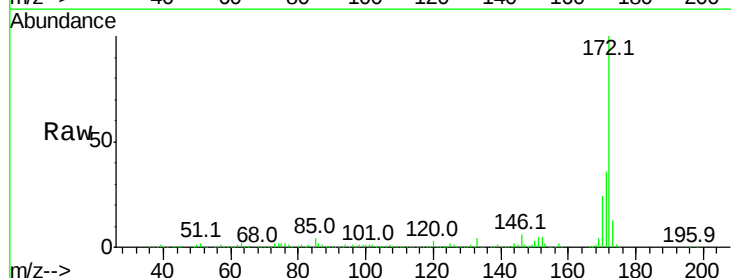
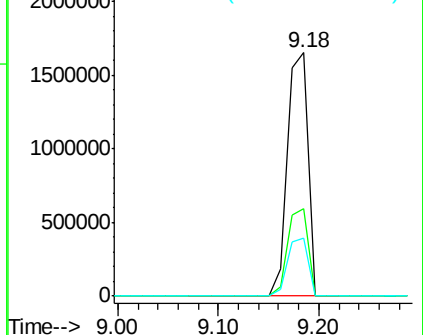
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2329164		
171	35.9	29.4	44.0	
170	23.9	19.7	29.5	

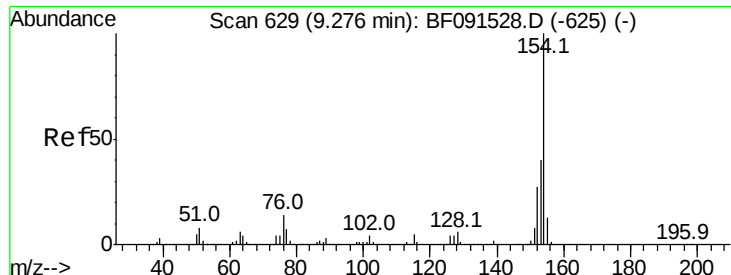
Abundance

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





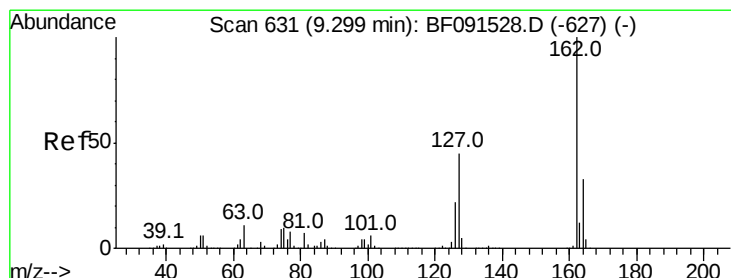
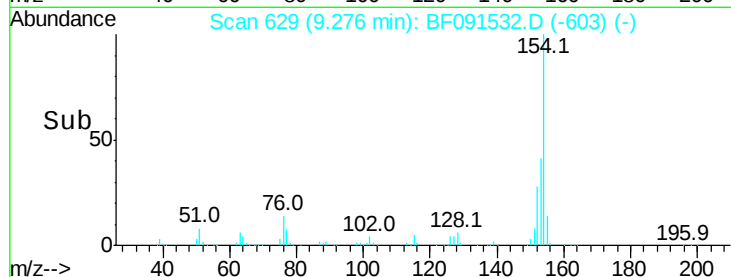
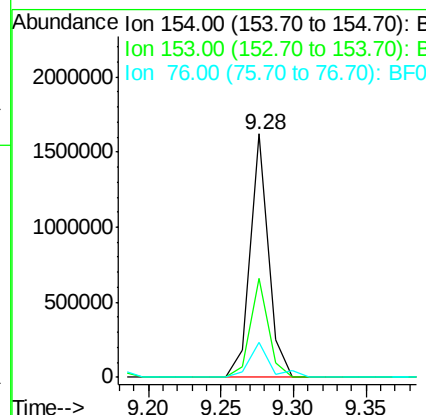
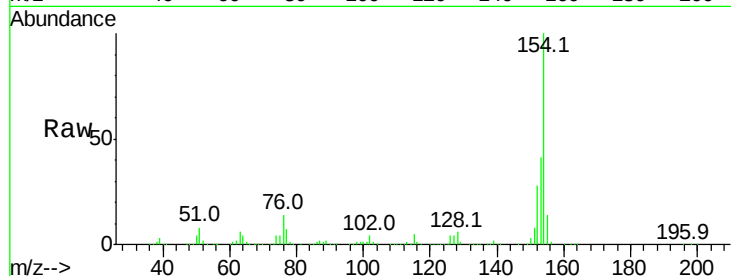
#45
1,1'-Biphenyl
Concen: 36.63 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	14.4	0.0	36.6

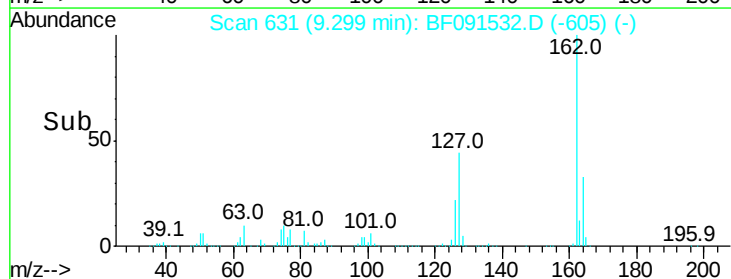
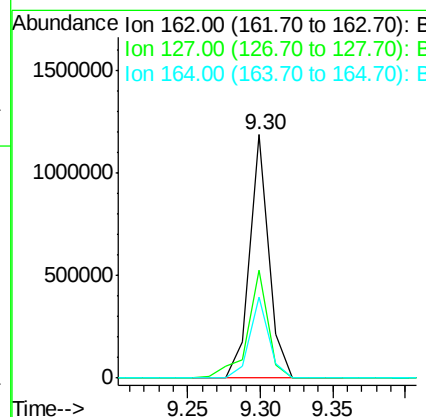
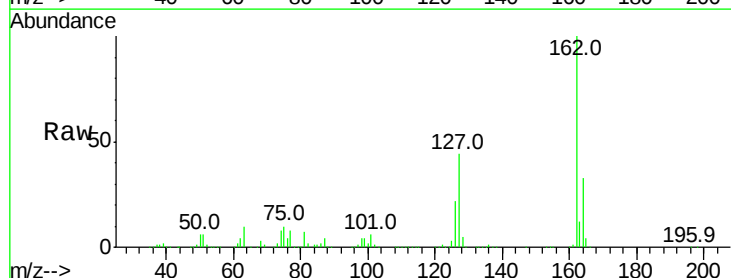
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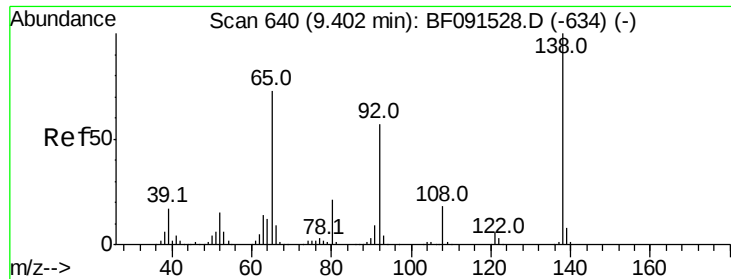
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#46
2-Chloronaphthalene
Concen: 36.51 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	34.3	51.5
164	33.2	26.6	40.0





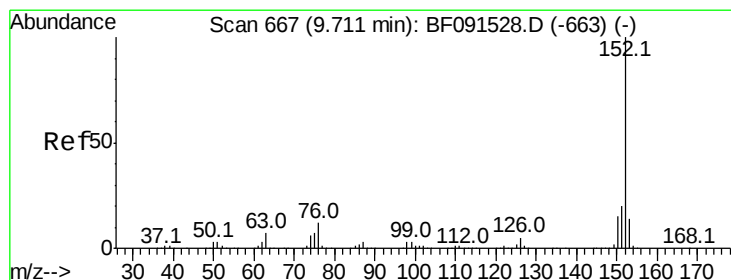
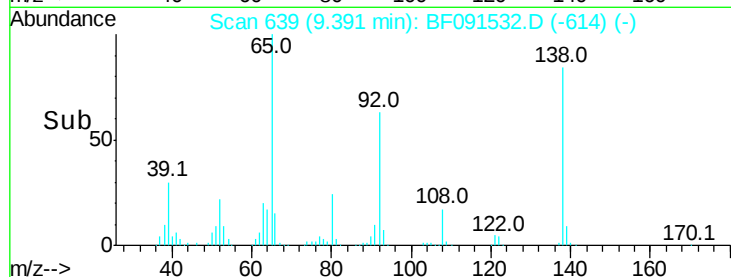
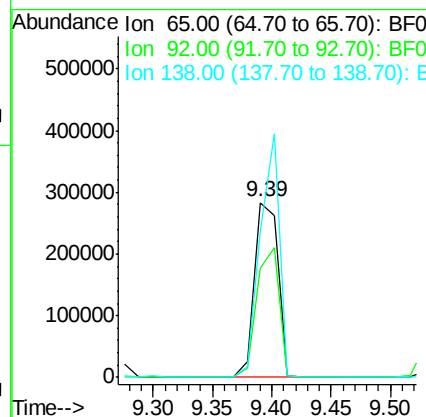
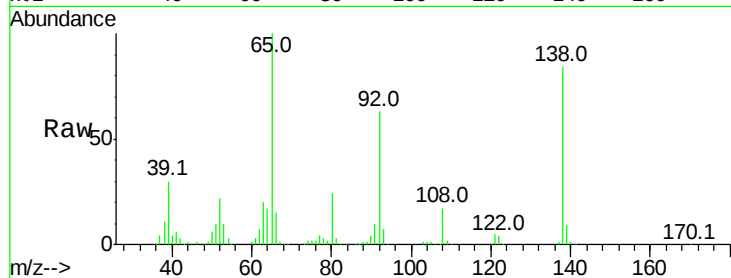
#47
2-Nitroaniline
Concen: 39.40 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.6	80.4
138	84.0	91.0	136.6

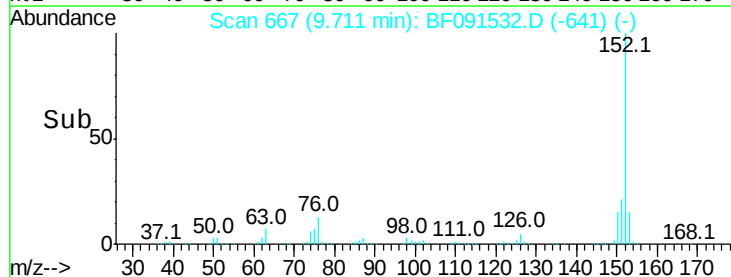
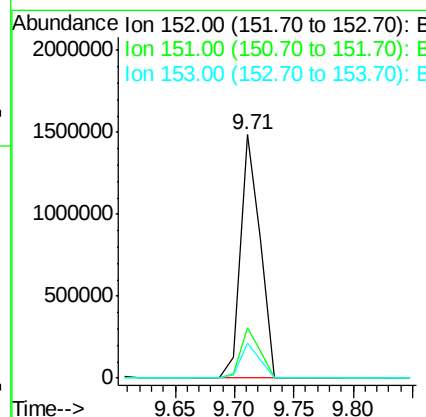
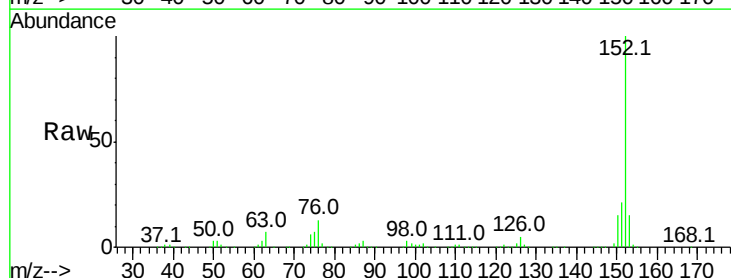
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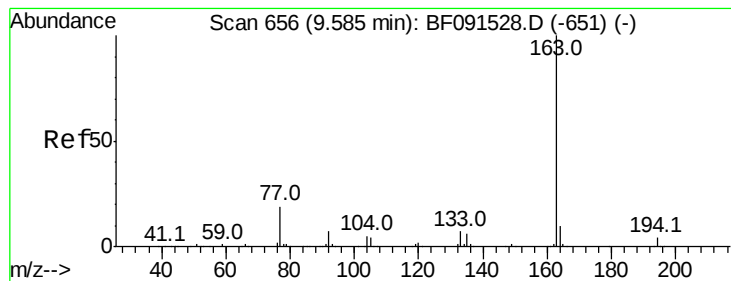
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#48
Acenaphthylene
Concen: 37.37 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.5	10.7	16.1





#49

Dimethylphthalate

Concen: 41.69 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion:163 Resp: 1402736

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

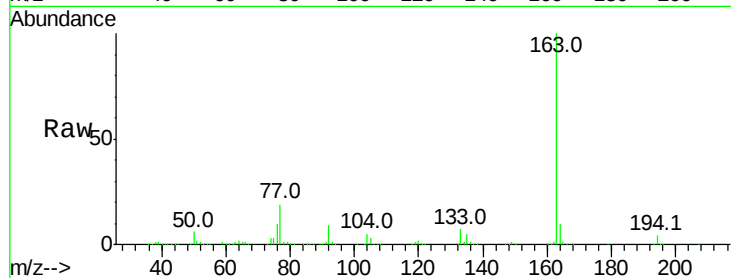
164 10.1 7.8 11.8

Manual Integrations

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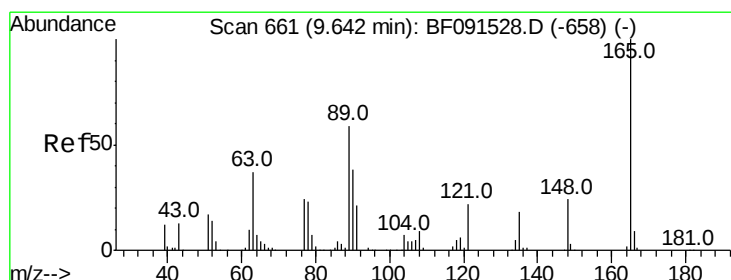
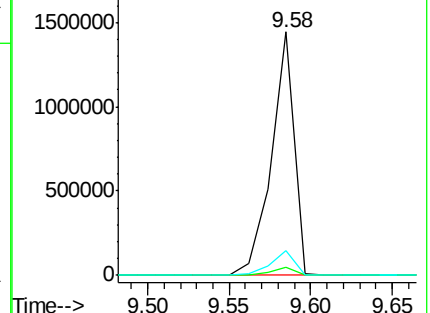
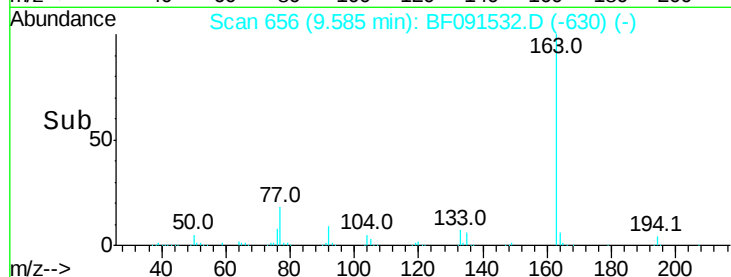
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.24 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

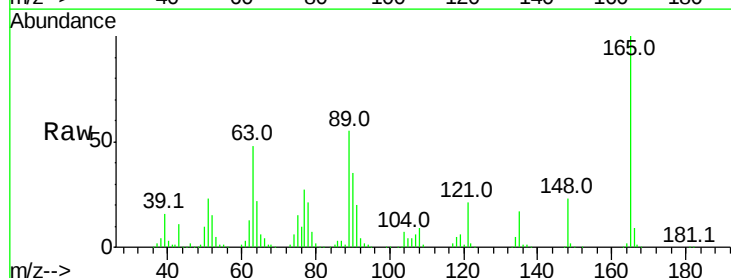
Tgt Ion:165 Resp: 319279

Ion Ratio Lower Upper

165 100

63 48.5 59.4 89.0#

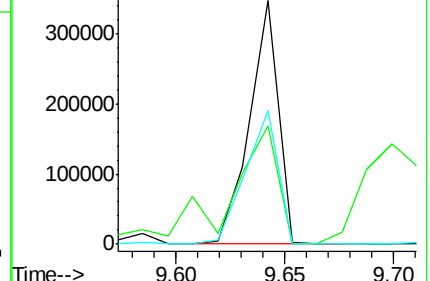
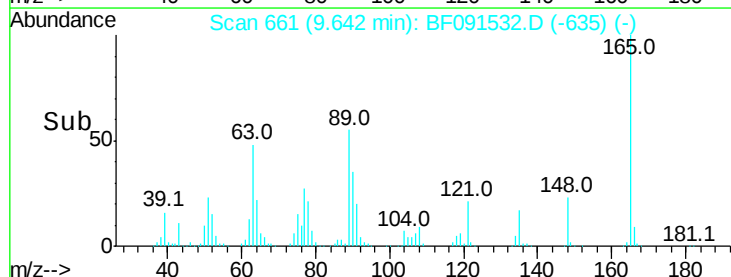
89 54.8 50.8 76.2

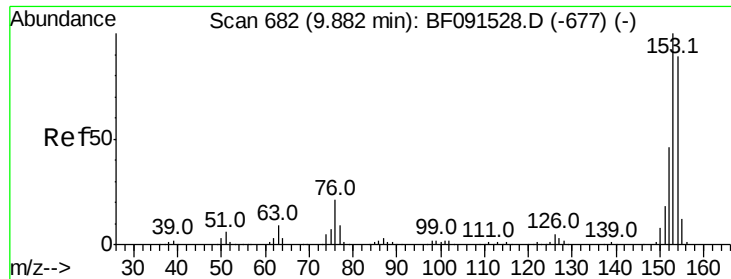


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





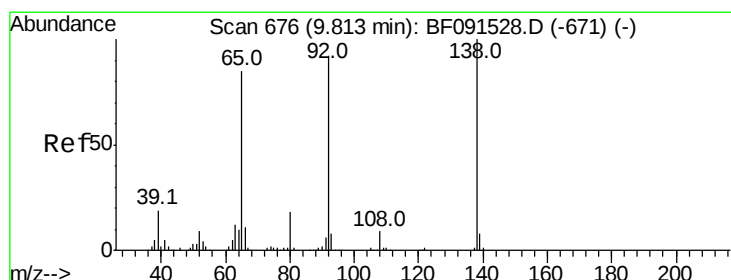
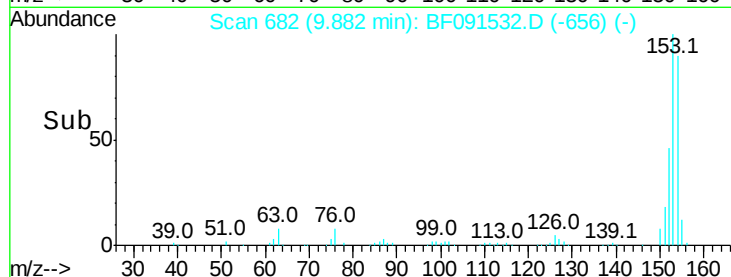
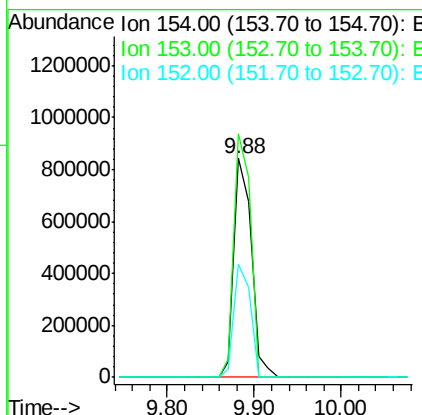
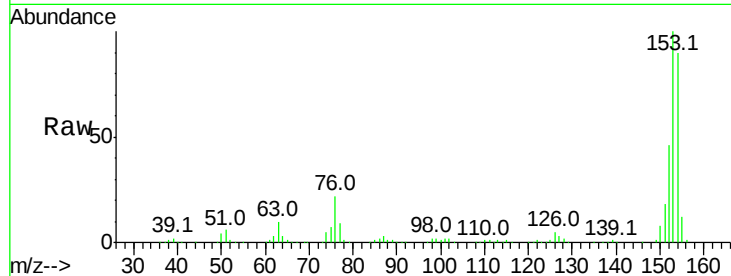
#51
Acenaphthene
Concen: 37.21 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion:154 Resp: 1174188
Ion Ratio Lower Upper
154 100
153 111.3 91.0 136.6
152 51.5 44.2 66.2

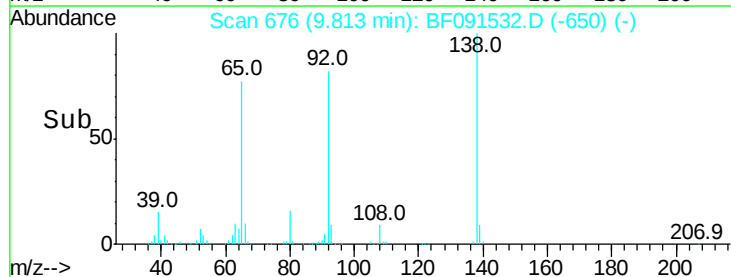
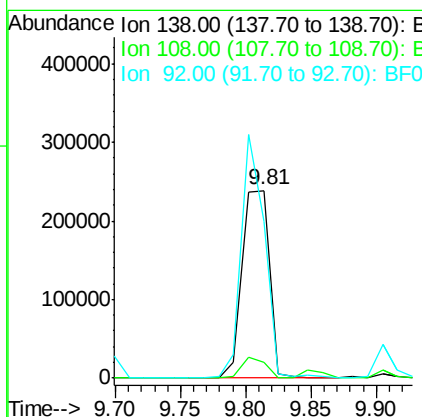
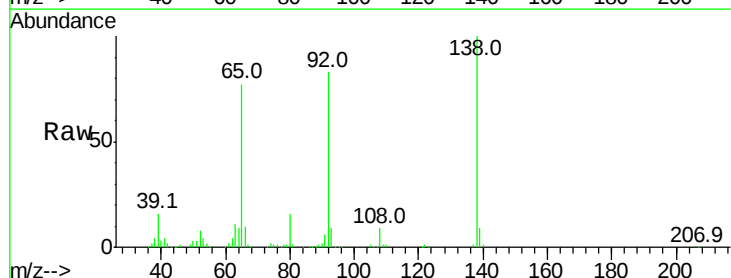
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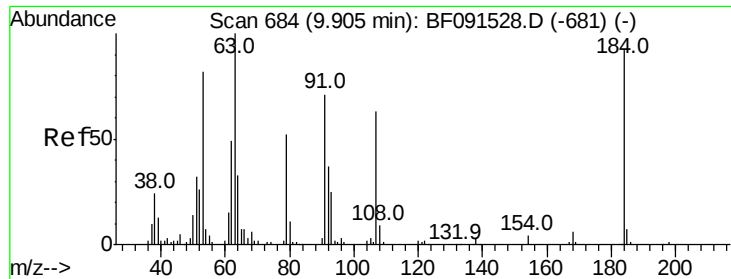
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#52
3-Nitroaniline
Concen: 40.02 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:138 Resp: 347191
Ion Ratio Lower Upper
138 100
108 8.7 8.1 12.1
92 83.4 92.5 138.7#





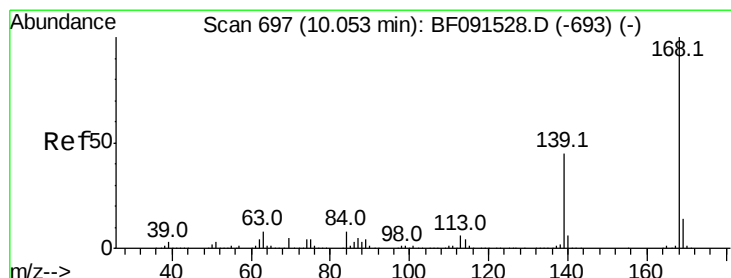
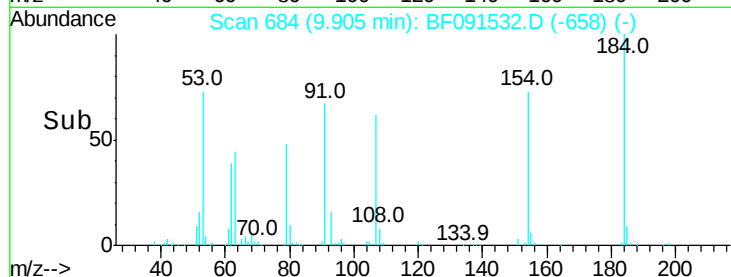
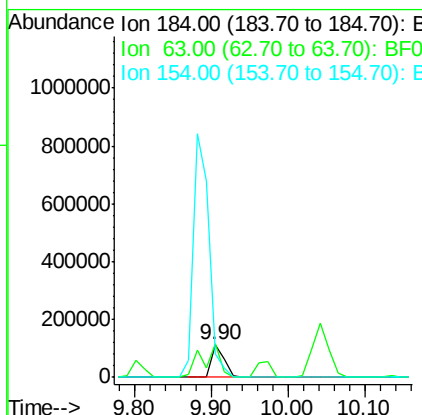
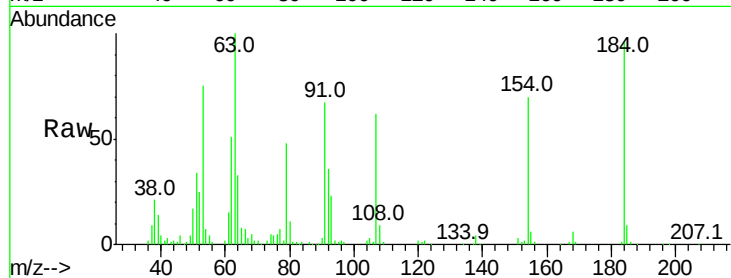
#53
2,4-Dinitrophenol
Concen: 39.45 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion:184 Resp: 130646
Ion Ratio Lower Upper
184 100
63 104.6 58.3 87.5#
154 73.6 48.6 73.0#

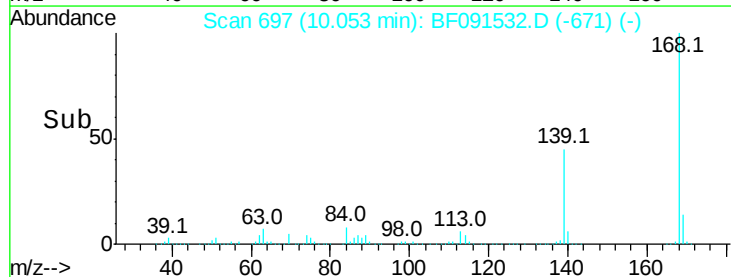
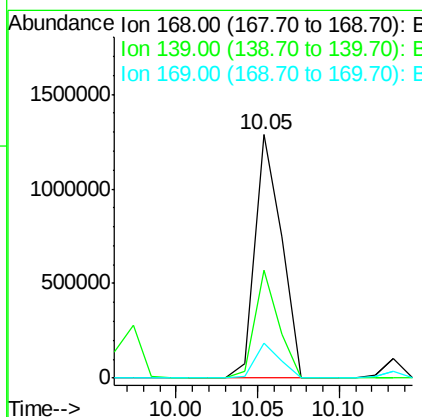
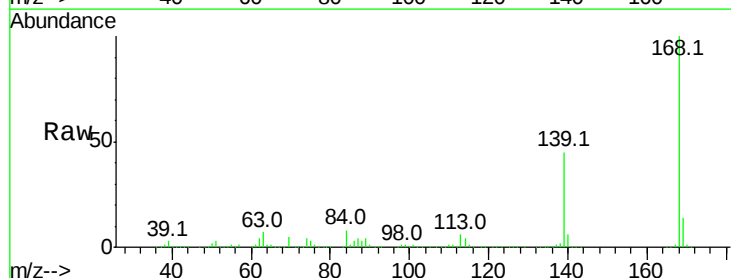
Manual Integrations
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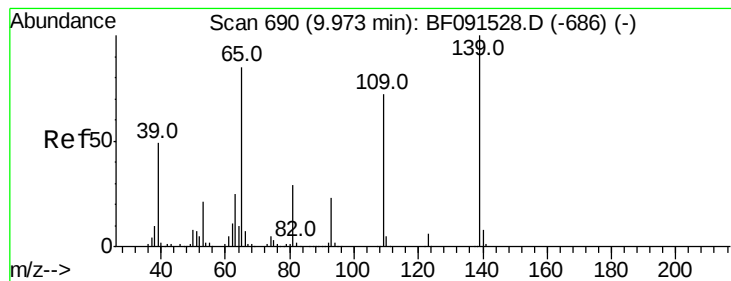
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#54
Dibenzofuran
Concen: 37.18 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:168 Resp: 1451502
Ion Ratio Lower Upper
168 100
139 44.6 33.4 50.2
169 14.3 11.1 16.7





#55

4-Nitrophenol

Concen: 45.73 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

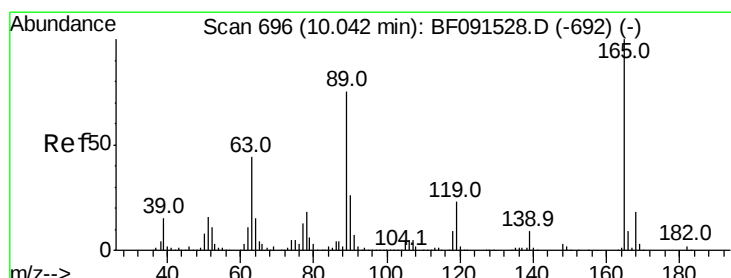
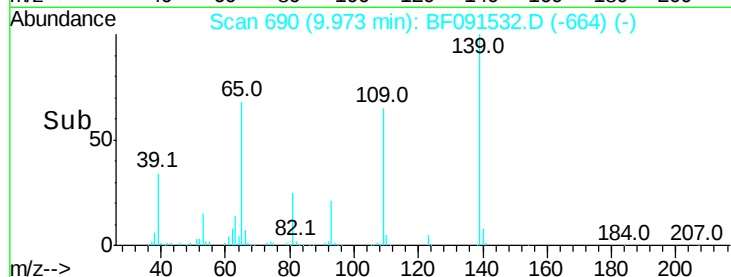
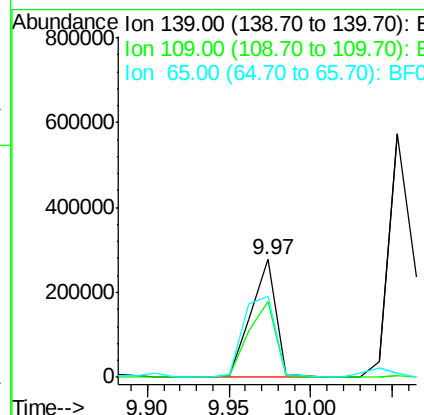
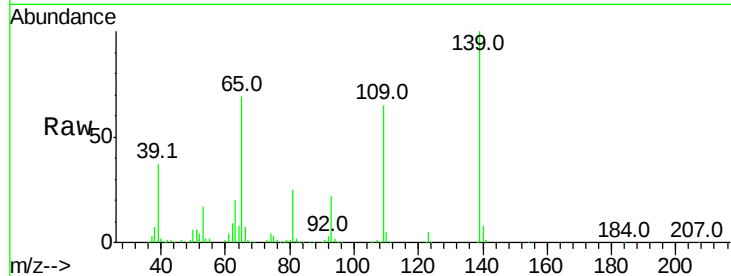
ClientSampleId :

ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
139	100	295148		
109	64.5	54.9	94.9	
65	68.6	102.2	142.2#	

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 46.71 ng

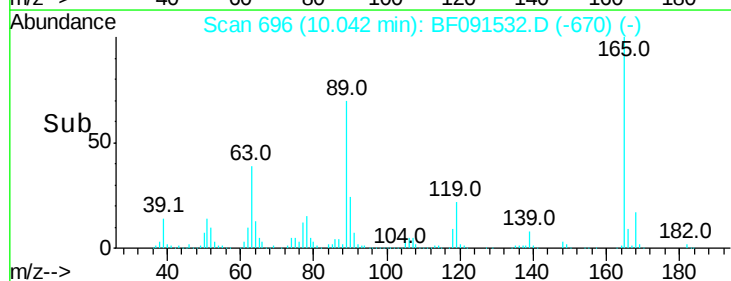
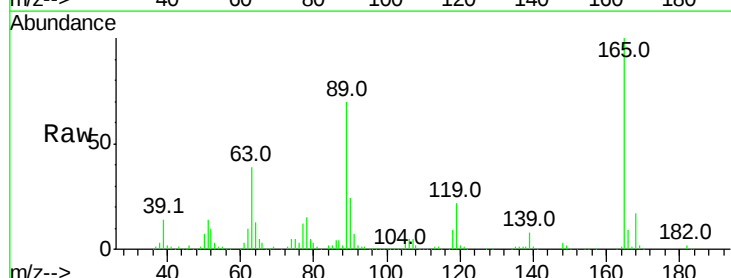
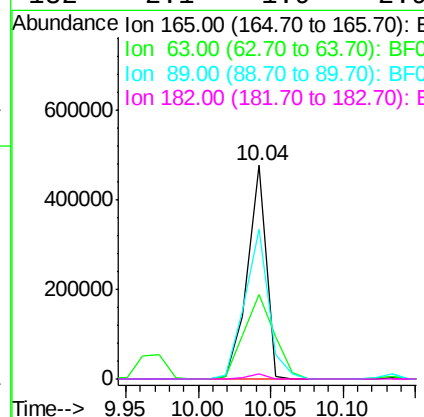
RT: 10.04 min Scan# 696

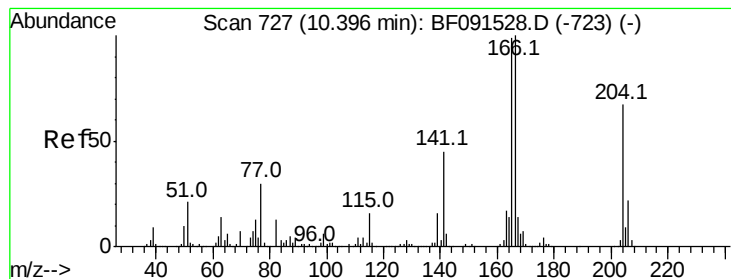
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	432322		
63	39.4	29.0	43.4	
89	70.1	43.1	64.7#	
182	2.1	1.9	2.9	





#57

Fluorene

Concen: 37.05 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion:166 Resp: 1058024

Ion Ratio Lower Upper

166 100

165 98.7 80.0 120.0

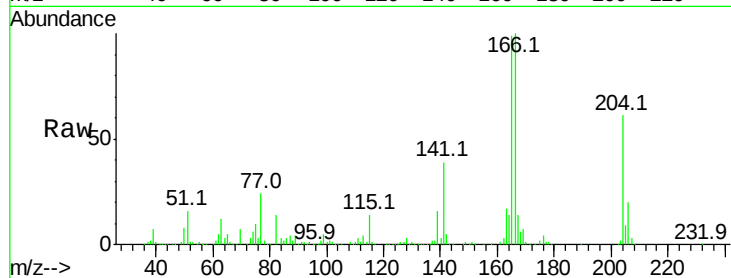
167 14.3 10.8 16.2

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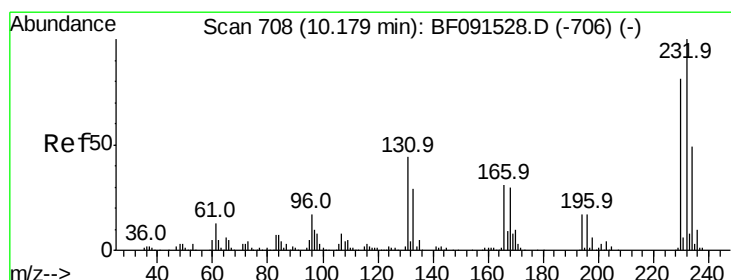
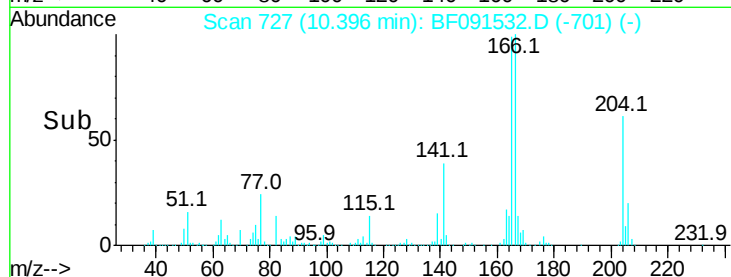
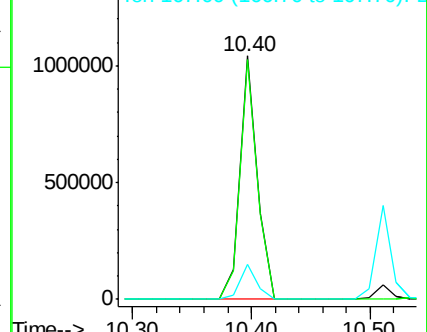
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.84 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:232 Resp: 322734

Ion Ratio Lower Upper

232 100

131 49.2 38.4 57.6

130 2.4 1.8 2.8

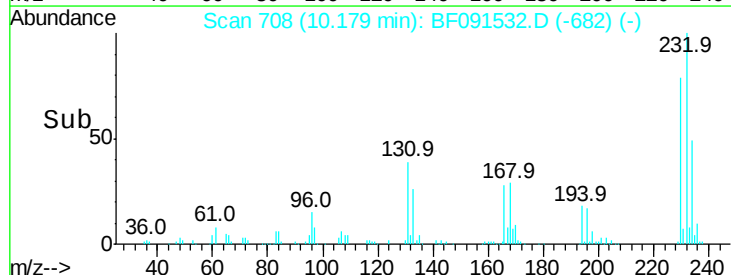
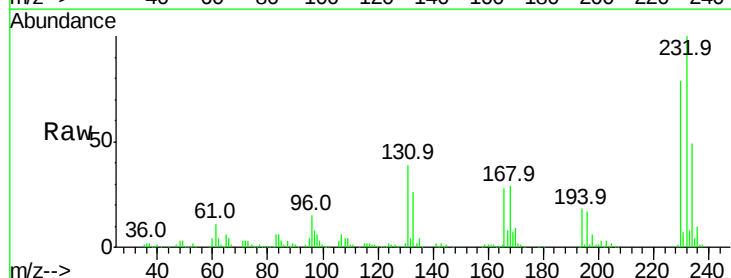
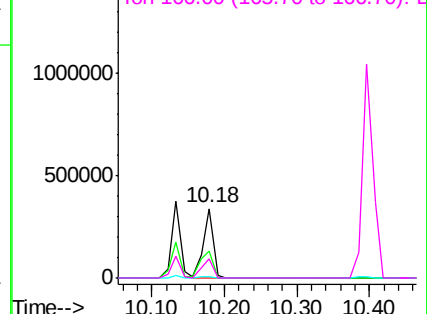
166 32.0 23.9 35.9

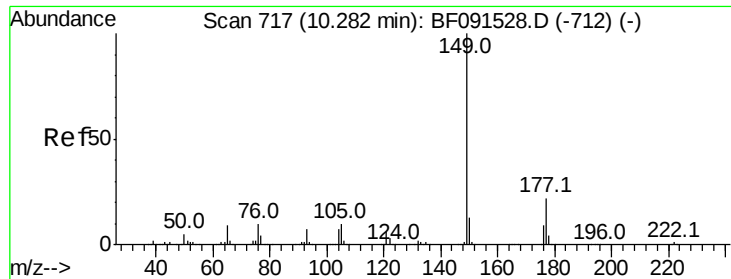
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





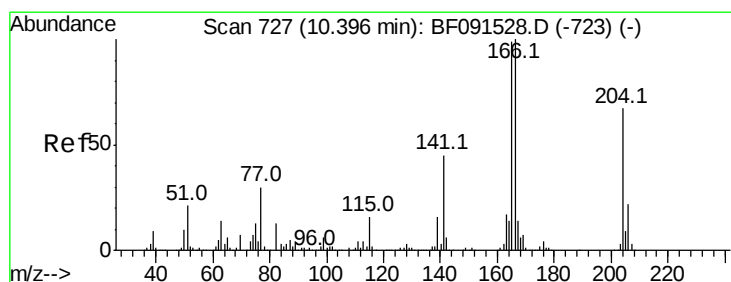
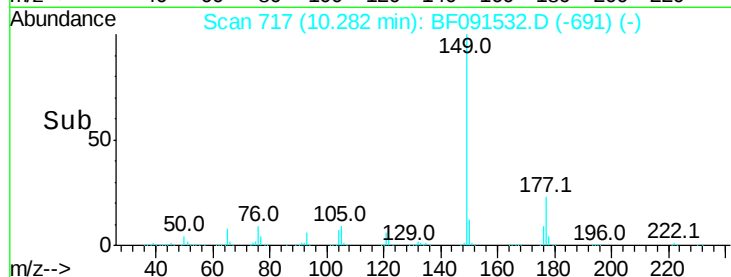
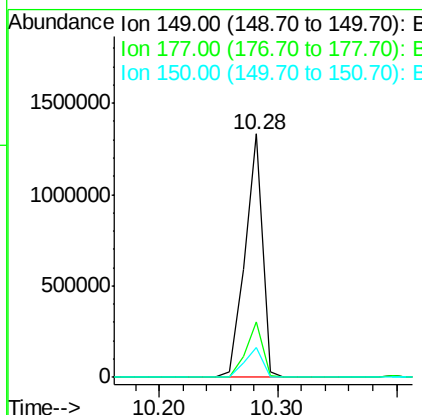
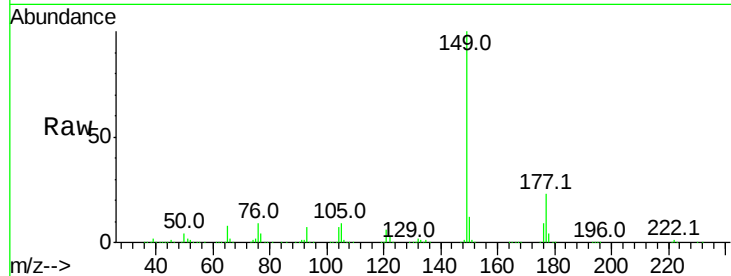
#59
Diethylphthalate
Concen: 42.14 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion:149 Resp: 1365218
Ion Ratio Lower Upper
149 100
177 22.9 15.7 23.5
150 12.5 10.2 15.2

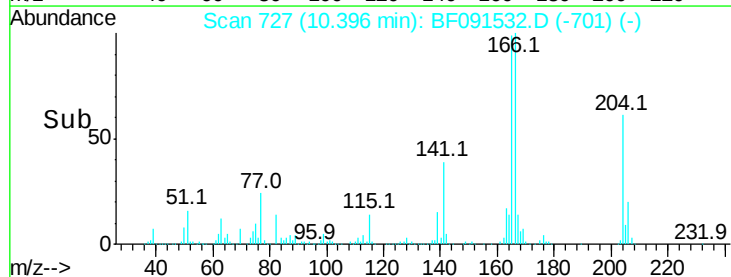
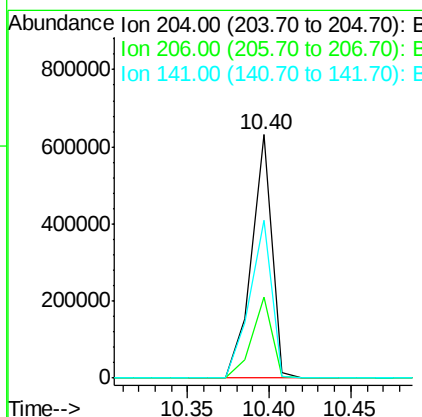
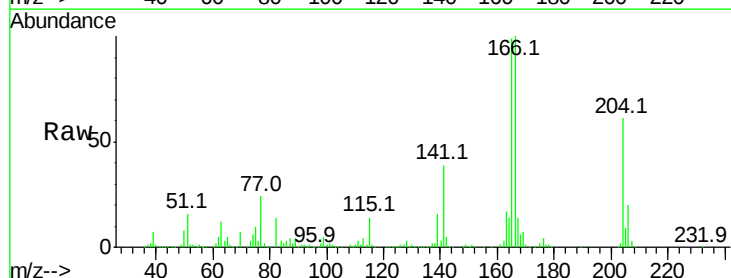
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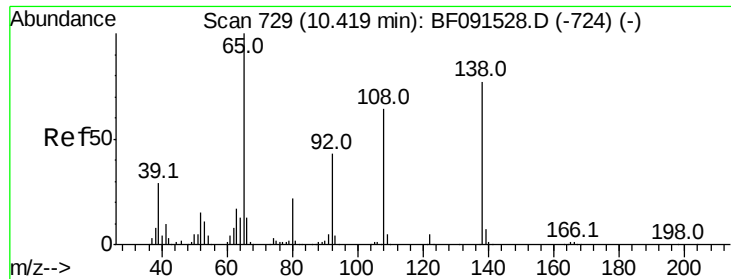
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#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:204 Resp: 549517
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 64.7 40.6 61.0#





#61

4-Nitroaniline

Concen: 38.99 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

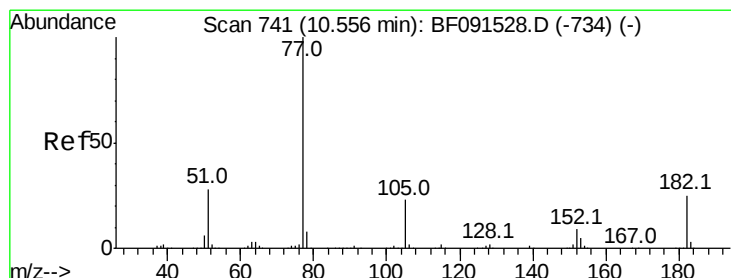
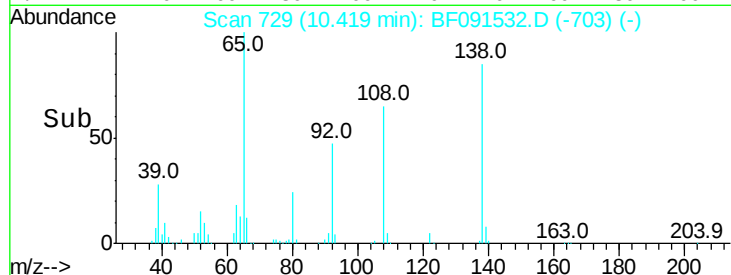
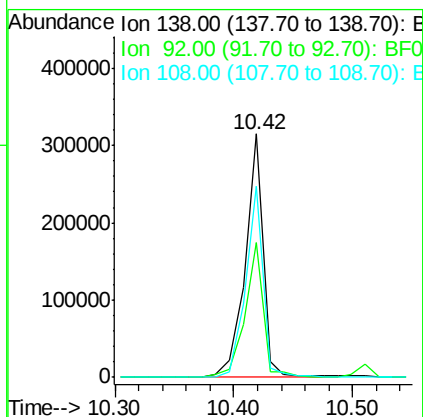
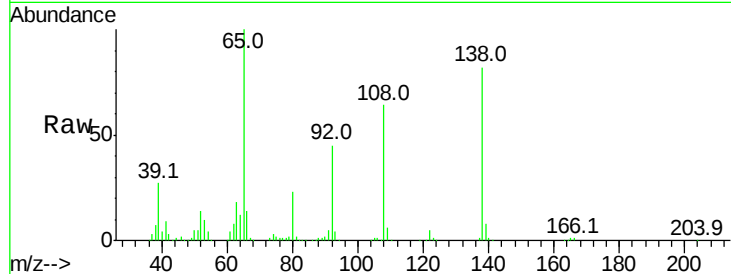
ClientSampleId :

ICVBF120916

Tot Ion:	138	Resp:	336107
Ion Ratio	Lower	Upper	
138	100		
92	55.1	26.9	66.9
108	78.4	49.1	89.1

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#62

Azobenzene

Concen: 41.34 ng

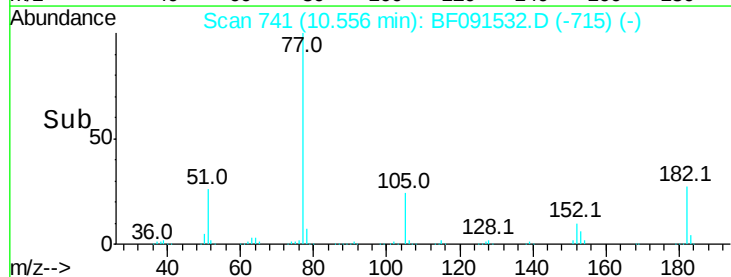
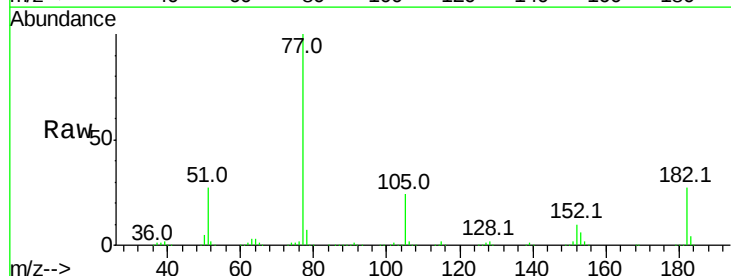
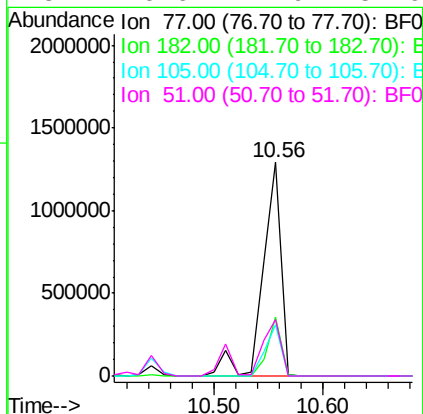
RT: 10.56 min Scan# 741

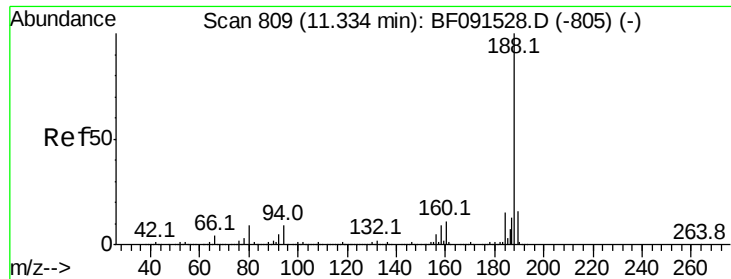
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:	77	Resp:	1517757
Ion Ratio	Lower	Upper	
77	100		
182	27.4	12.5	52.5
105	24.3	3.7	43.7
51	26.6	11.9	51.9





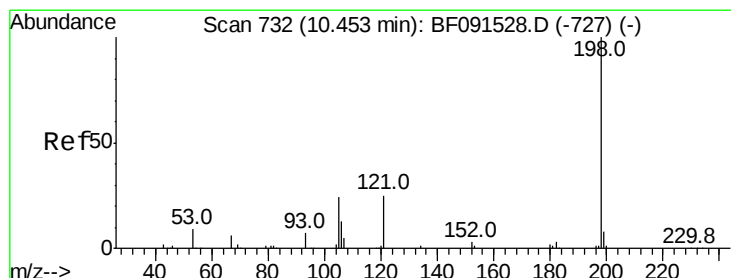
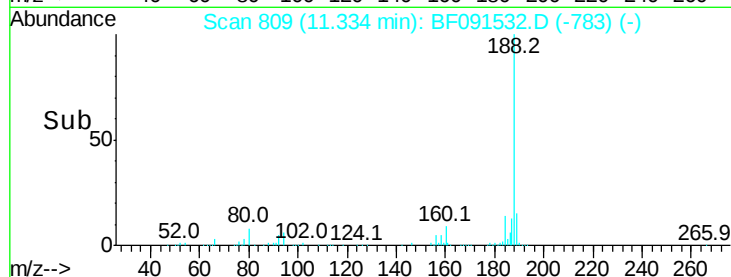
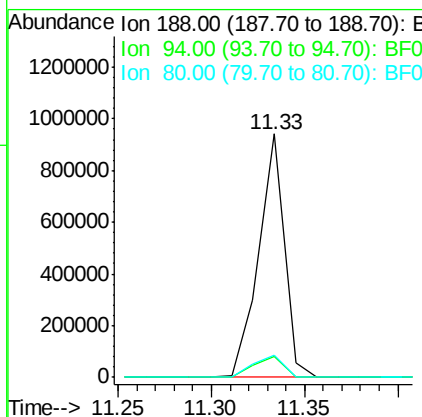
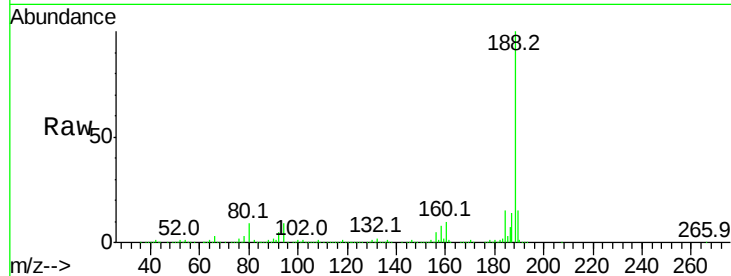
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	9.2	13.8#
80	8.9	10.5	15.7#

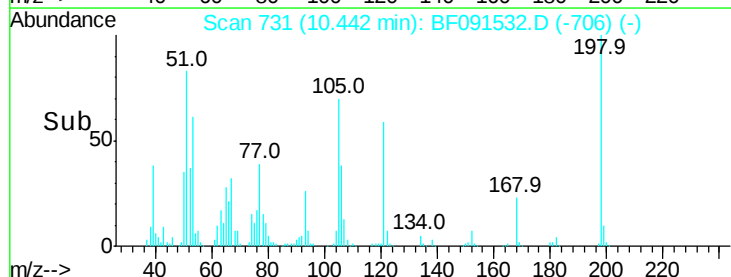
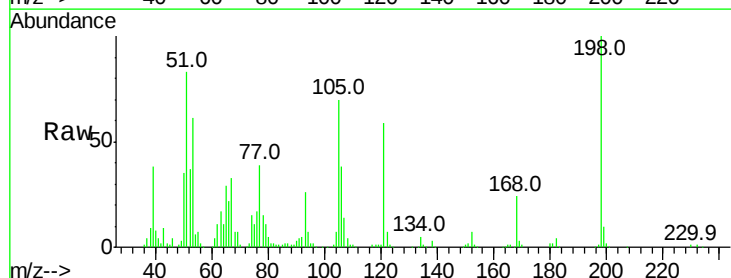
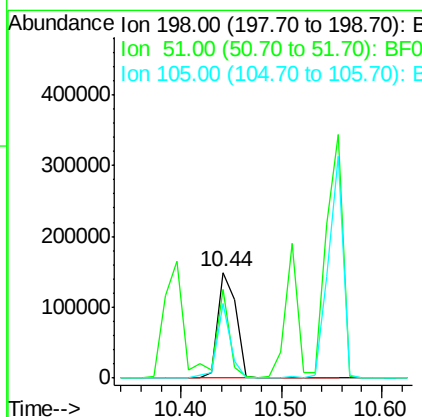
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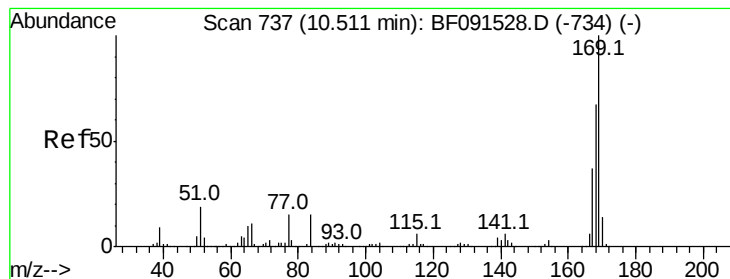
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.25 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	83.4	77.1	117.1
105	70.3	44.8	84.8





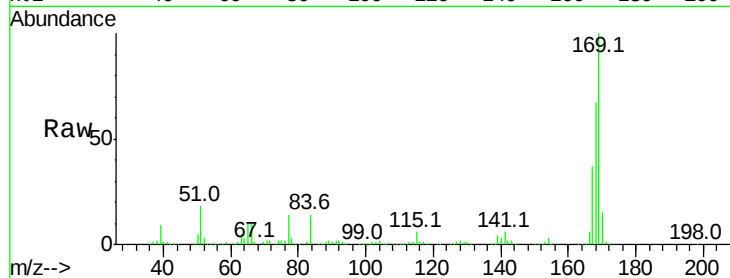
#65
n-Nitrosodiphenylamine
Concen: 36.40 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

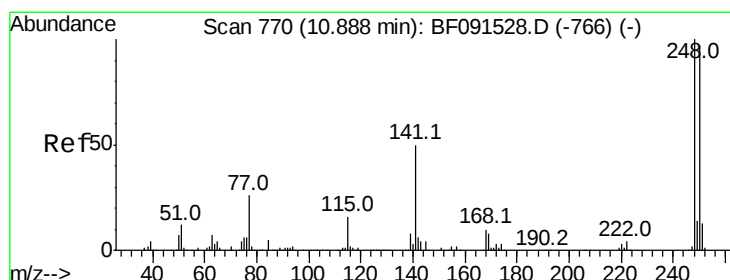
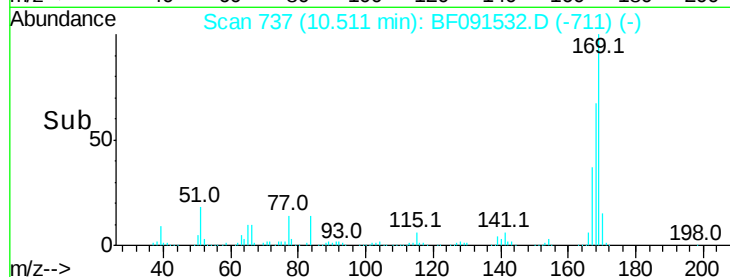
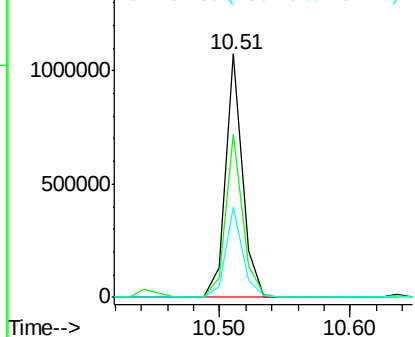
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		971134		
168	67.1	53.8		80.8	
167	37.2	29.8		44.8	

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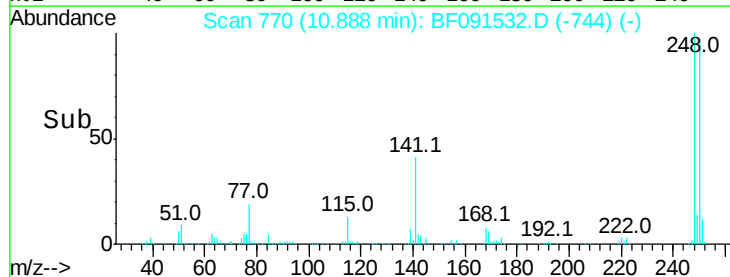
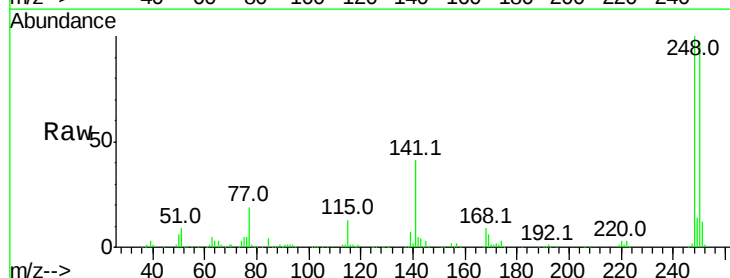
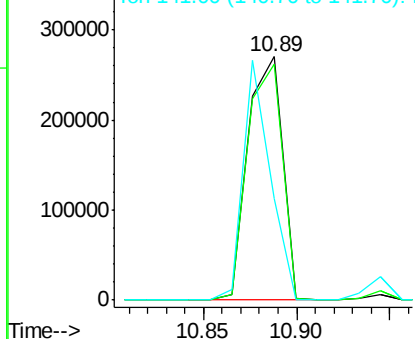
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

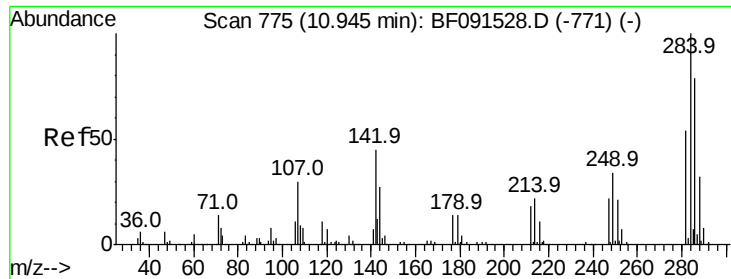


#66
4-Bromophenyl-phenylether
Concen: 37.77 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		346593		
250	96.9	78.2		117.4	
141	41.5	71.9		107.9#	

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





#67

Hexachlorobenzene

Concen: 37.46 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

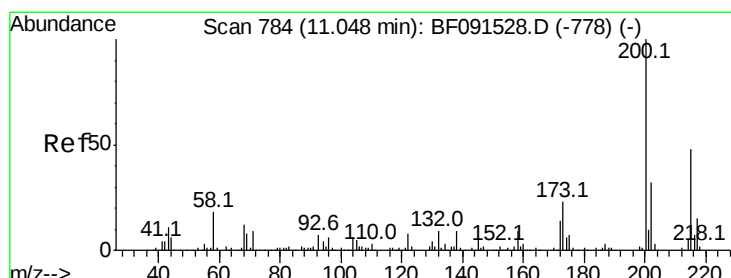
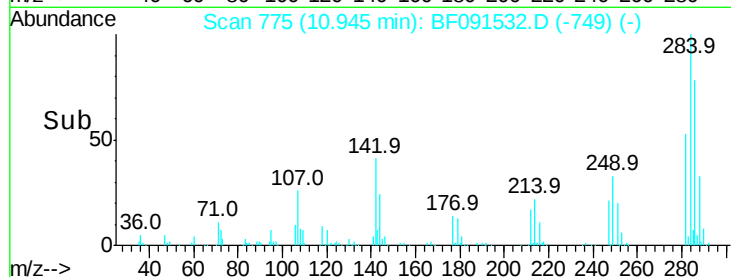
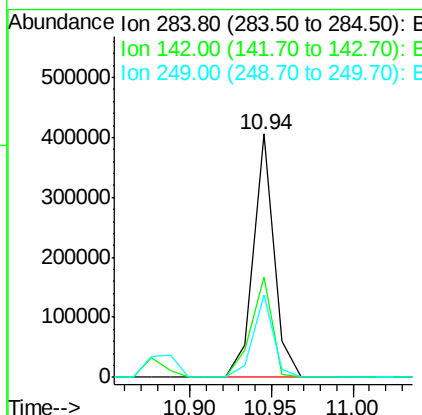
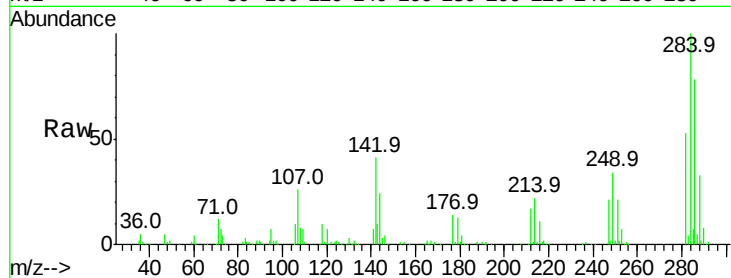
ClientSampleId :

ICVBF120916

Tot Ion:	284	Resp:	357439
Ion Ratio	Lower	Upper	
284	100		
142	41.4	17.9	26.9#
249	33.7	23.6	35.4

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#68

Atrazine

Concen: 35.94 ng

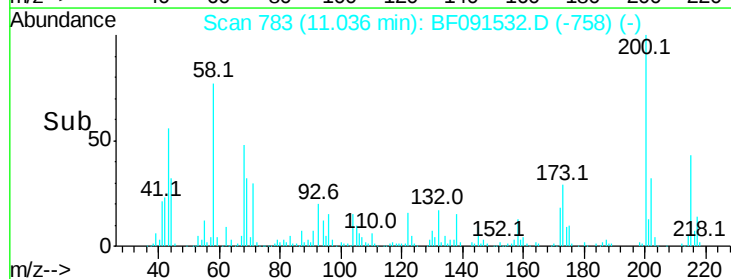
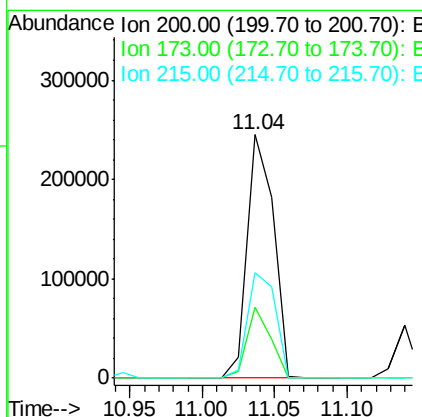
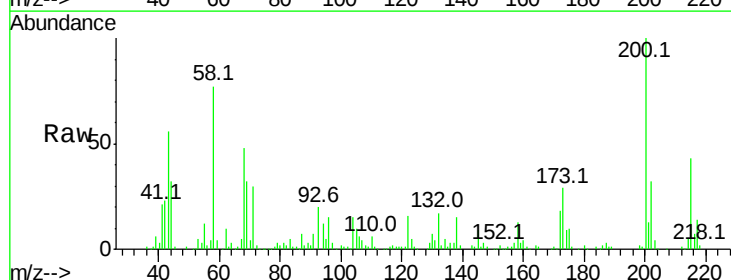
RT: 11.04 min Scan# 783

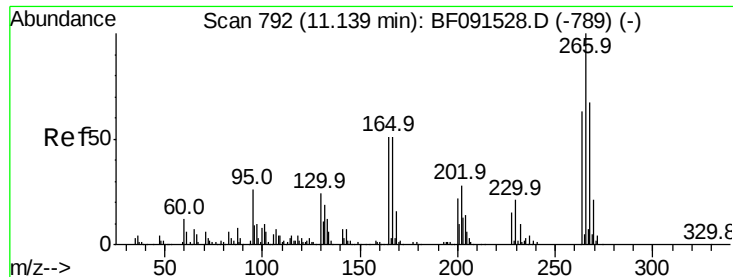
Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:	200	Resp:	308330
Ion Ratio	Lower	Upper	
200	100		
173	28.9	7.8	47.8
215	43.3	24.3	64.3





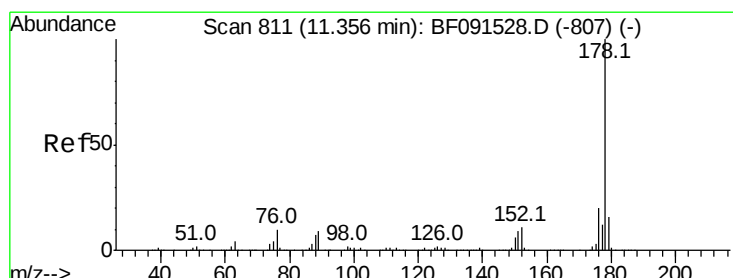
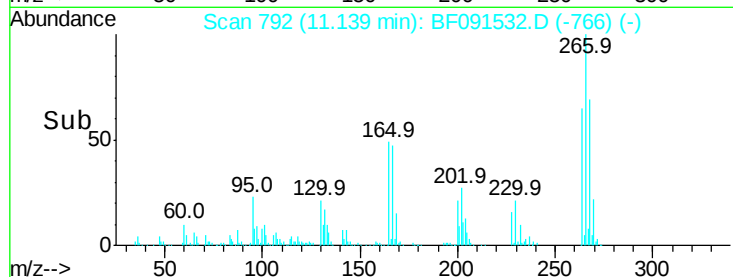
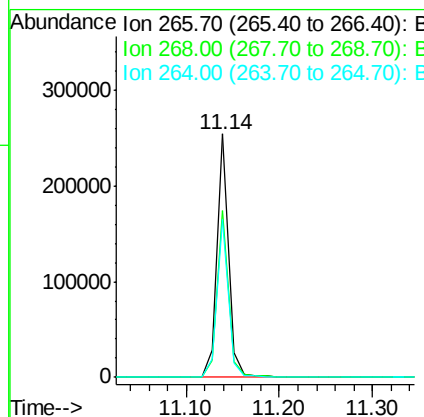
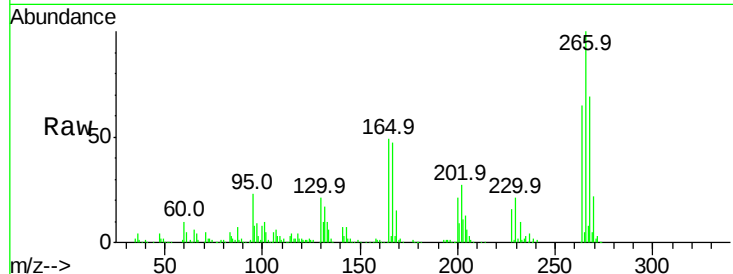
#69
 Pentachlorophenol
 Concen: 40.94 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
266	100	219816		
268	68.6	50.3	75.5	
264	64.6	48.2	72.2	

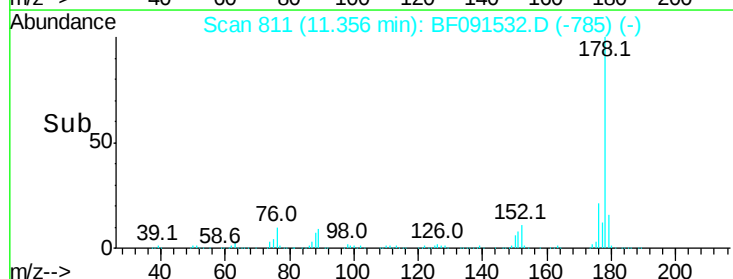
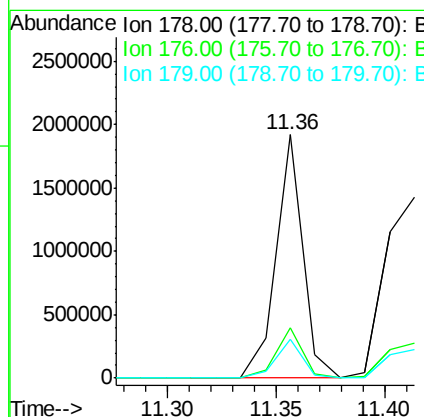
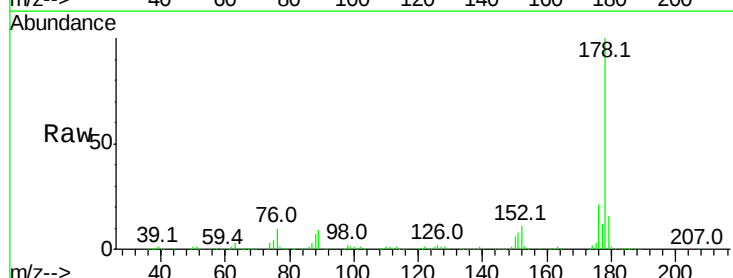
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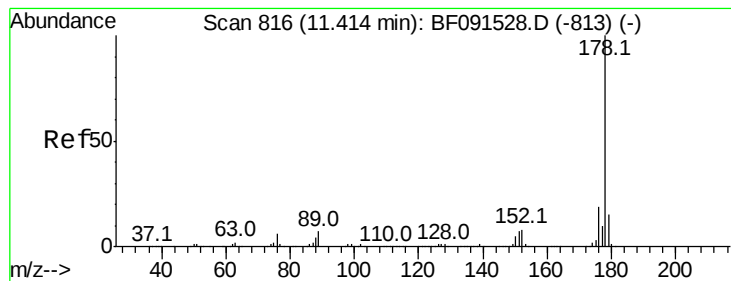
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#70
 Phenanthrene
 Concen: 37.76 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1673625		
176	20.6	15.9	23.9	
179	16.1	12.6	18.8	





#71
 Anthracene
 Concen: 38.17 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

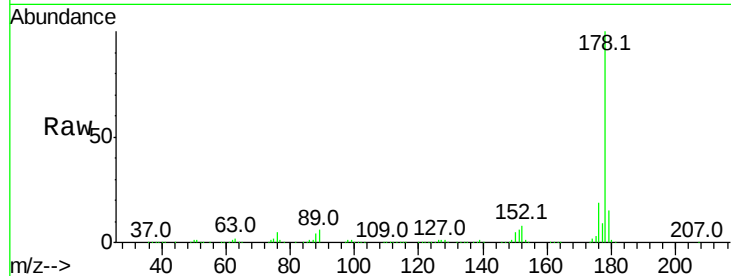
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion:178 Resp: 1824550

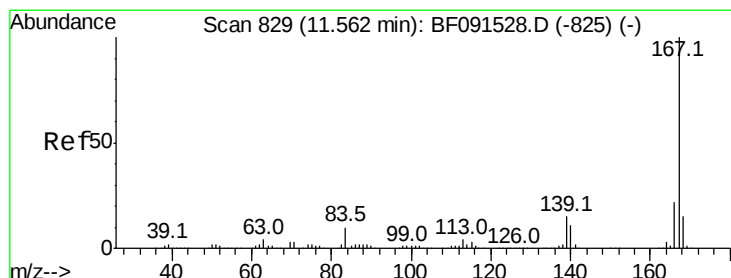
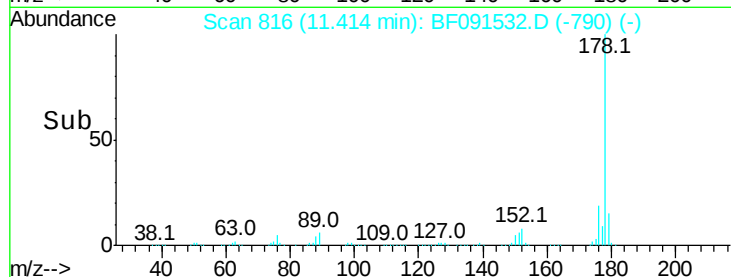
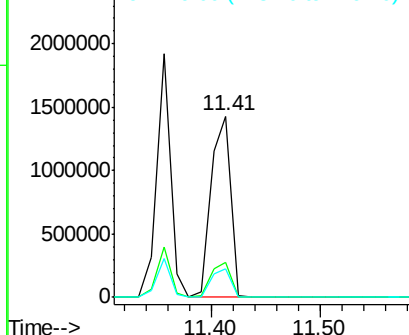
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.5	12.7	19.1

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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

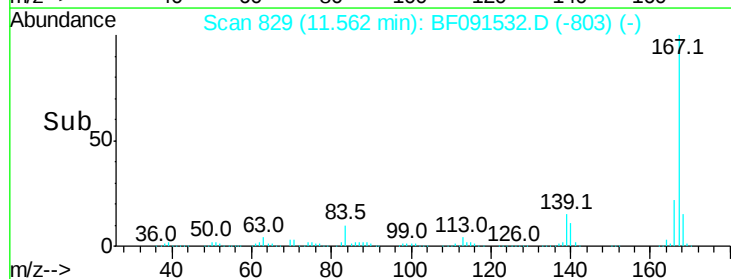
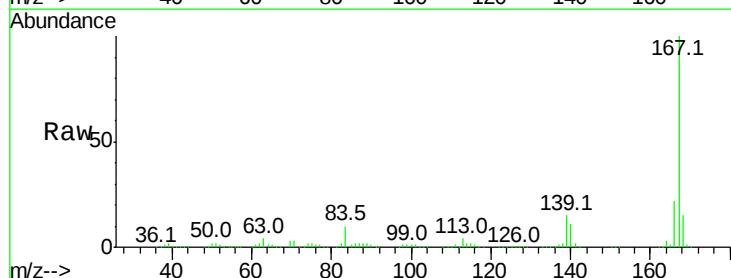
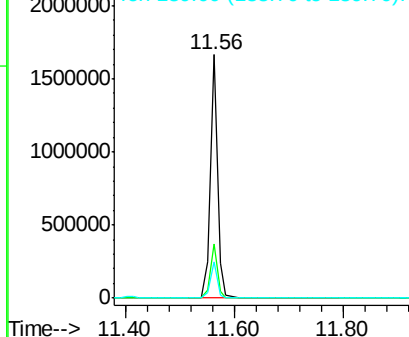


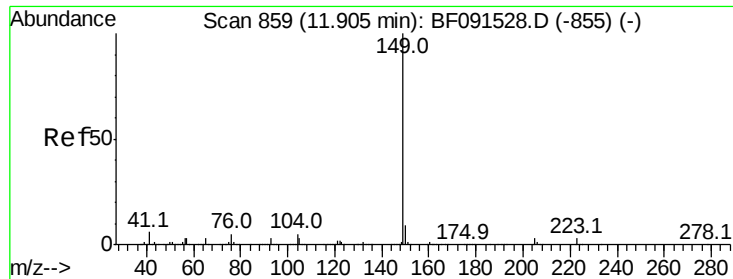
#72
 Carbazole
 Concen: 35.97 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:167 Resp: 1507347

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.7	11.5	17.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.89 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion:149 Resp: 1996325

Ion Ratio Lower Upper

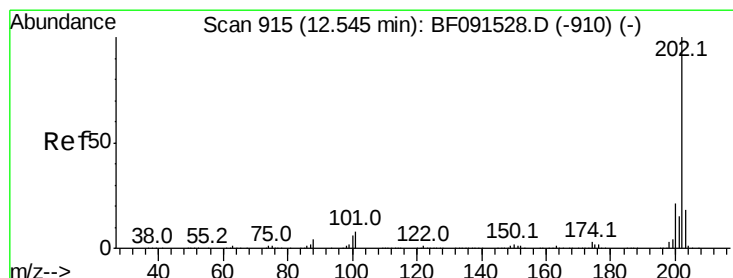
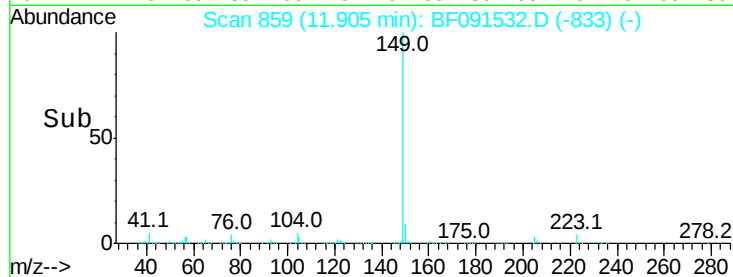
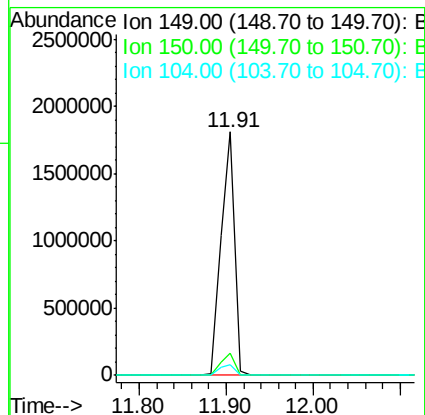
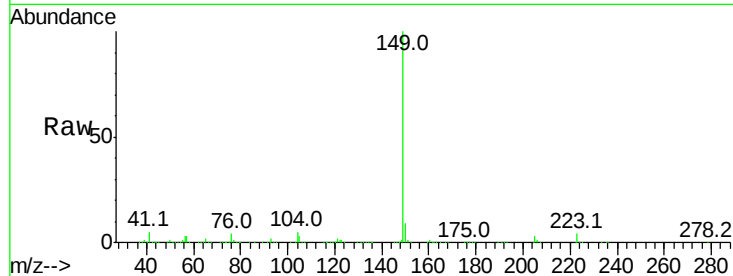
149 100

150 9.1 7.5 11.3

104 4.5 4.0 6.0

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#74

Fluoranthene

Concen: 38.77 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

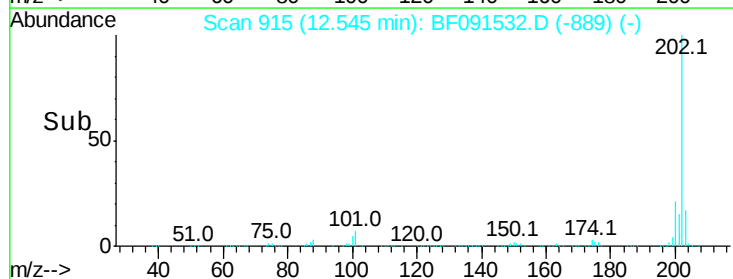
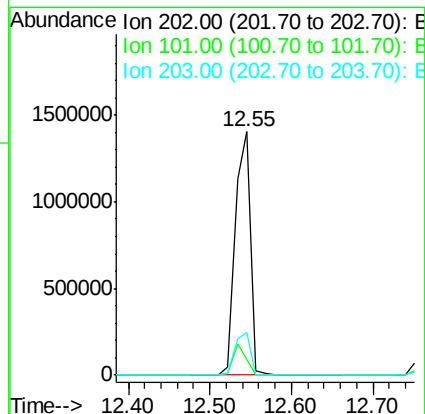
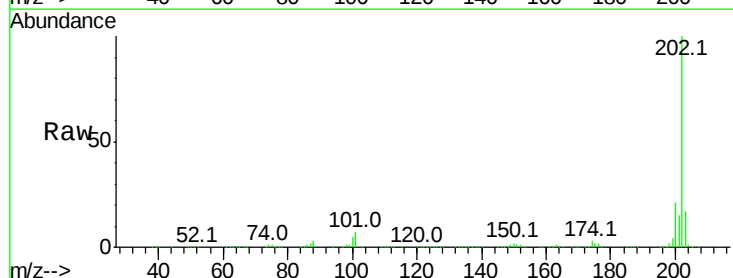
Tgt Ion:202 Resp: 1799359

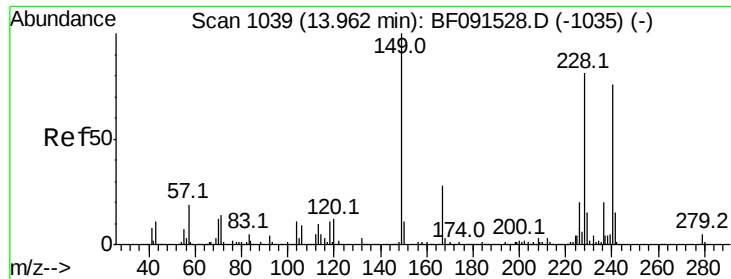
Ion Ratio Lower Upper

202 100

101 6.7 0.0 29.5

203 17.3 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: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

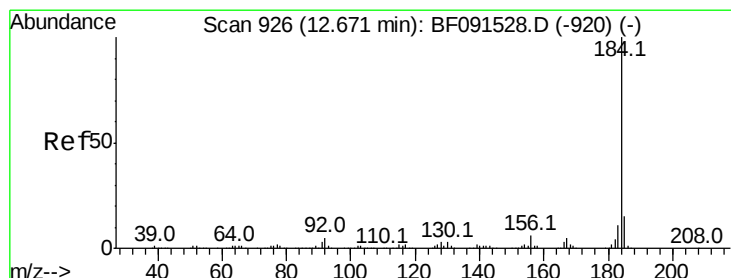
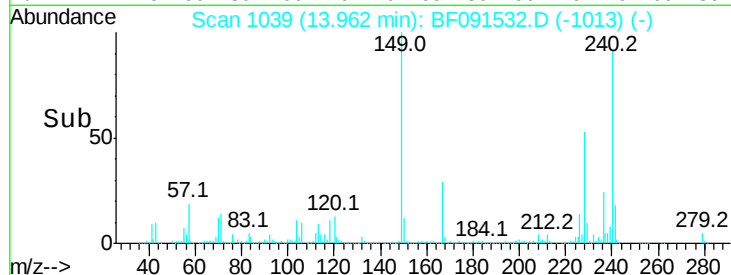
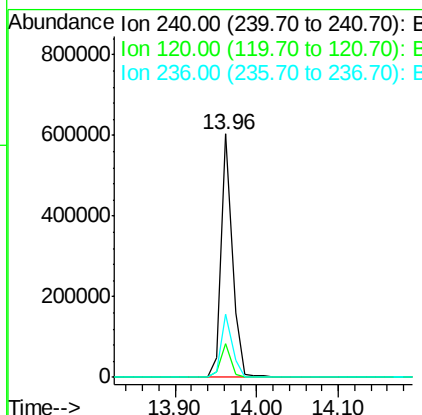
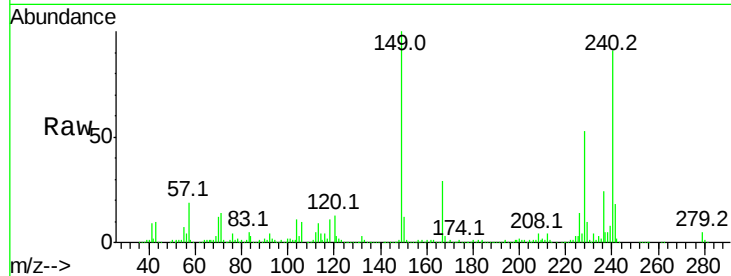
ClientSampleId :

ICVBF120916

Tot Ion	Ratio	Resp	Lower	Upper
240	100	576094		
120	14.1	12.1	18.1	
236	26.2	21.0	31.6	

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#76

Benzidine

Concen: 36.29 ng

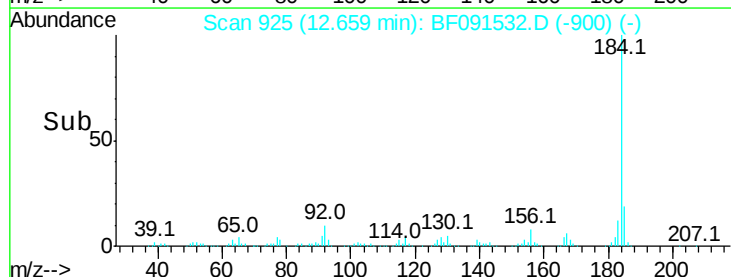
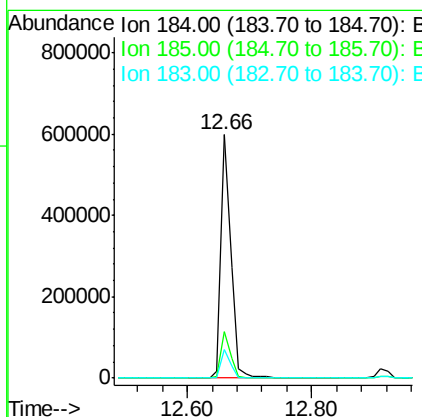
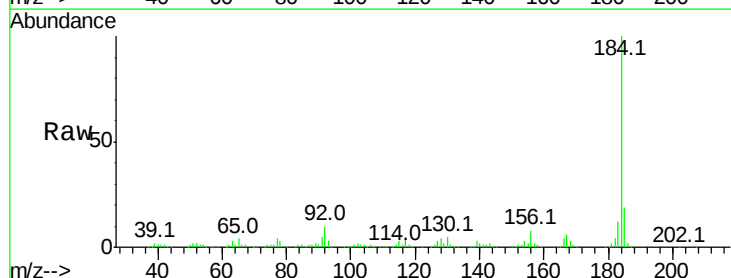
RT: 12.66 min Scan# 925

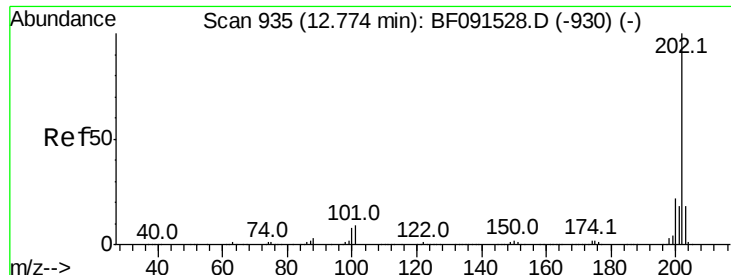
Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	646452		
185	19.2	13.1	19.7	
183	11.9	8.9	13.3	





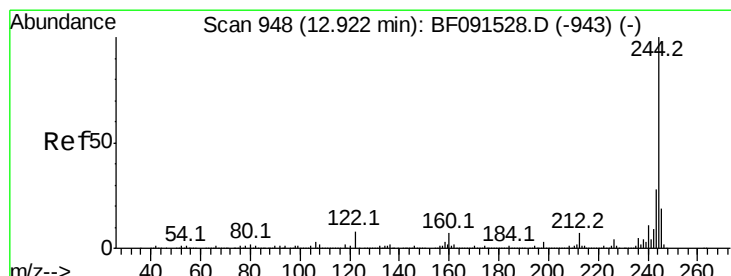
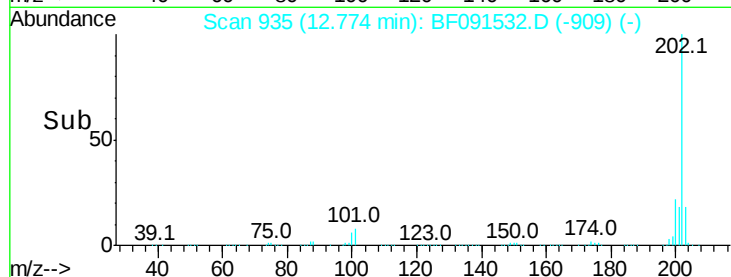
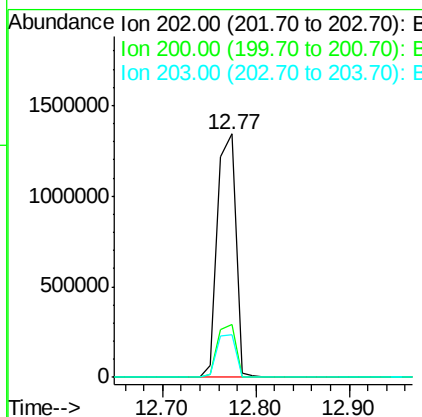
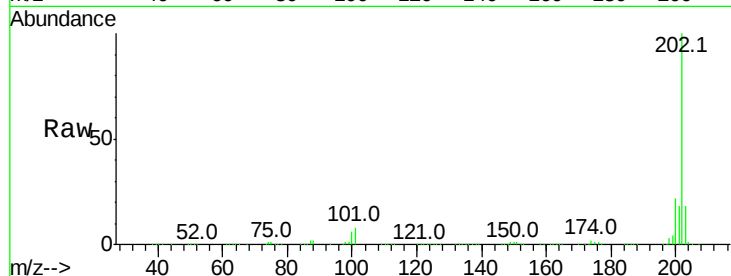
#77
 Pvrene
 Concen: 39.96 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.0	21.0

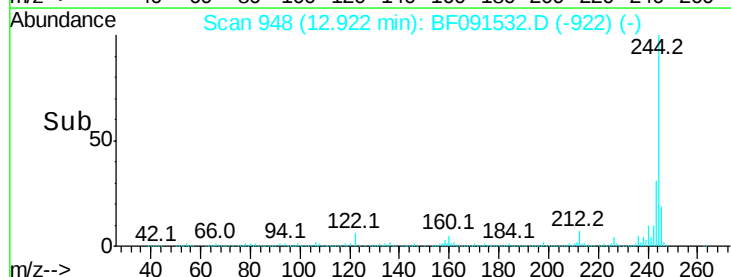
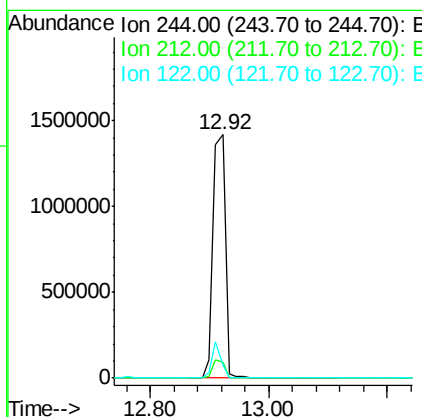
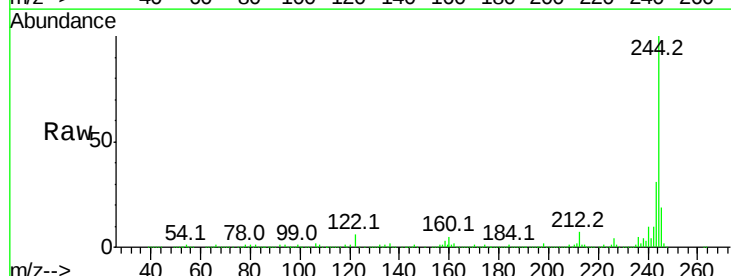
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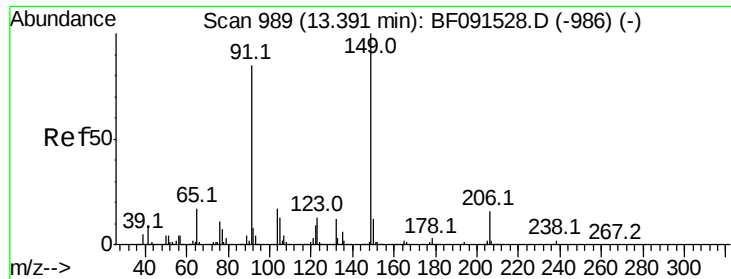
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#78
 Terphenyl-d14
 Concen: 79.86 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	5.6	9.5	14.3#





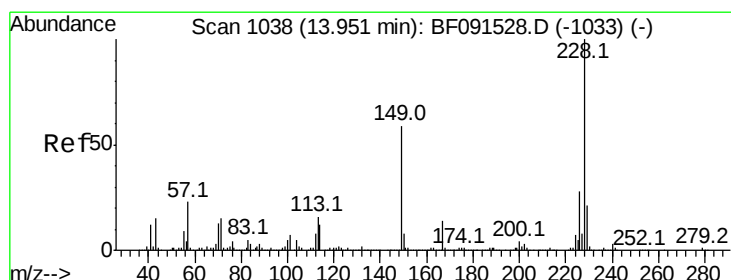
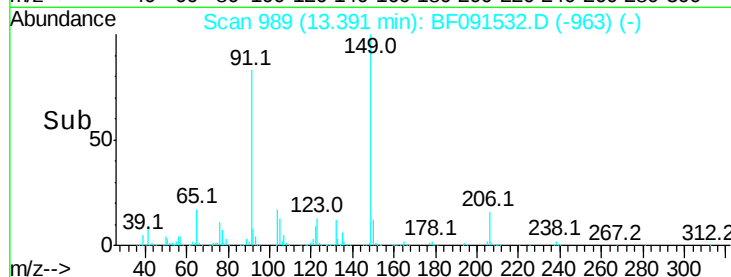
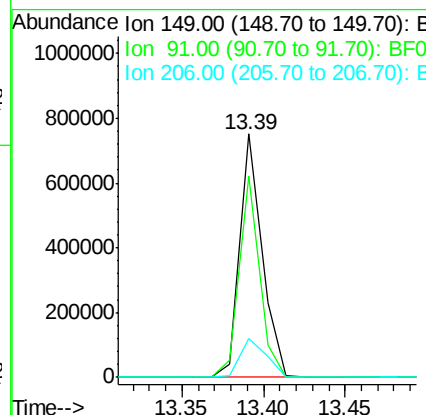
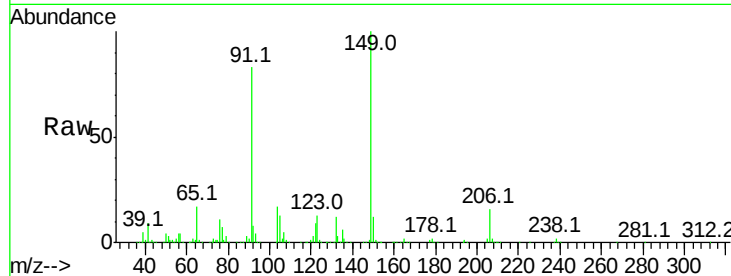
#79
Butylbenzylphthalate
Concen: 39.63 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.7	57.4	86.2
206	15.8	15.4	23.2

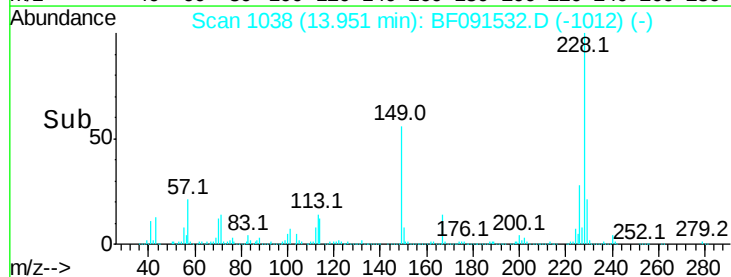
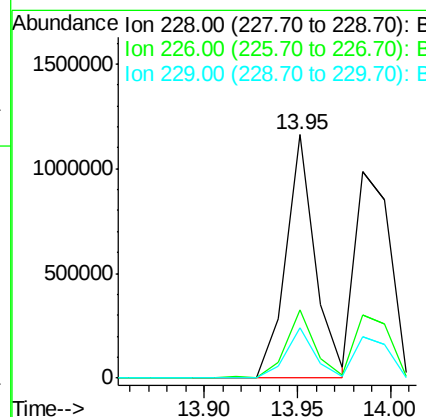
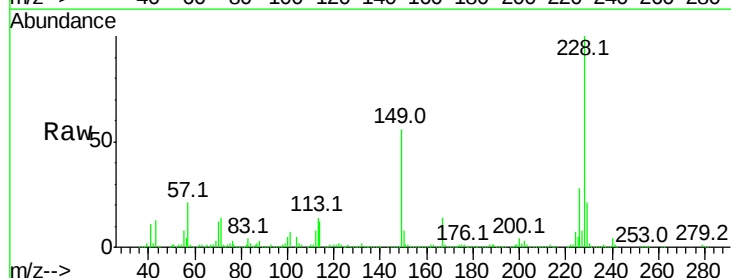
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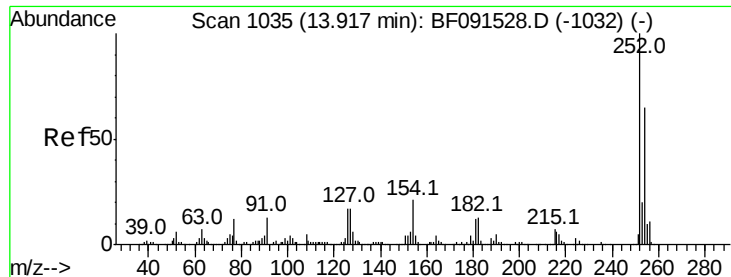
sohil
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#80
Benzo(a)anthracene
Concen: 38.01 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.5	16.4	24.6





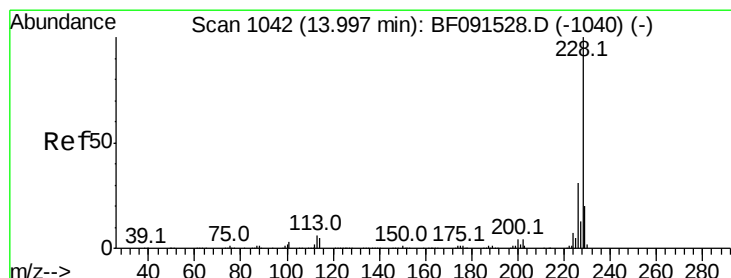
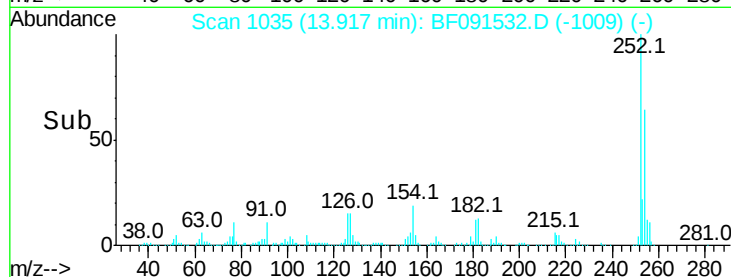
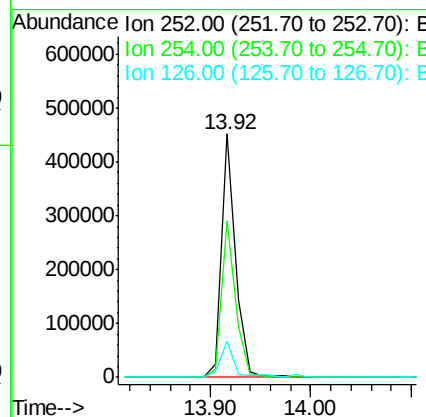
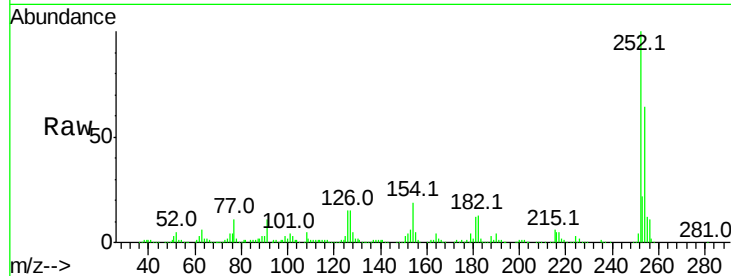
#81
 3,3'-Dichlorobenzidine
 Concen: 36.69 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	15.1	7.5	11.3

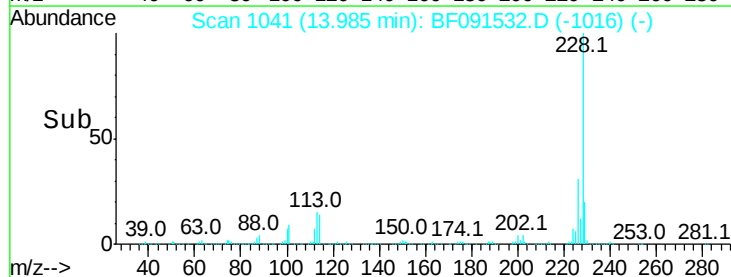
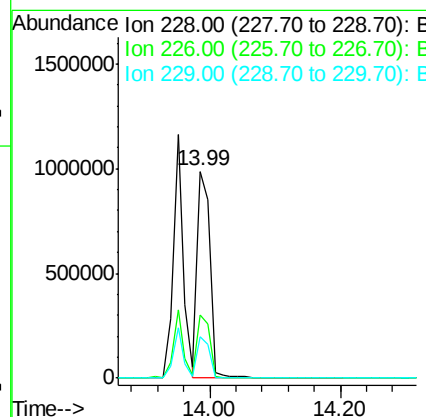
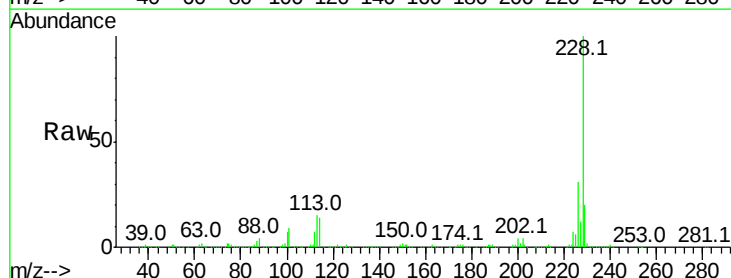
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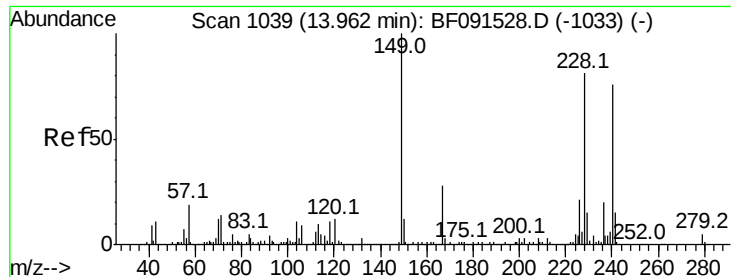
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#82
 Chrysene
 Concen: 37.60 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.3	16.0	24.0





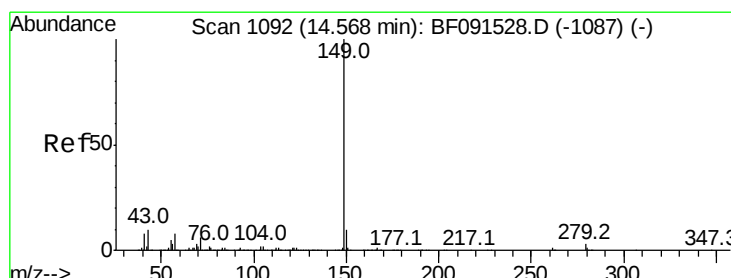
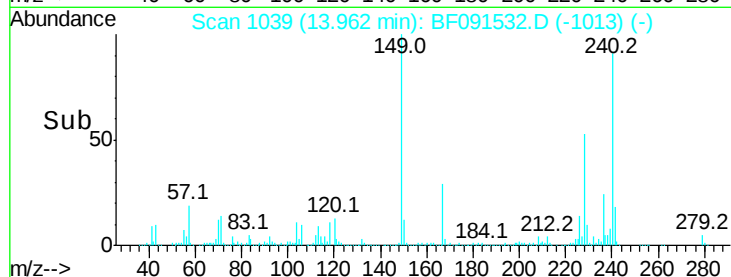
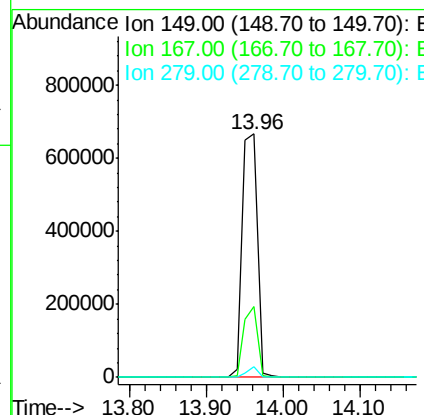
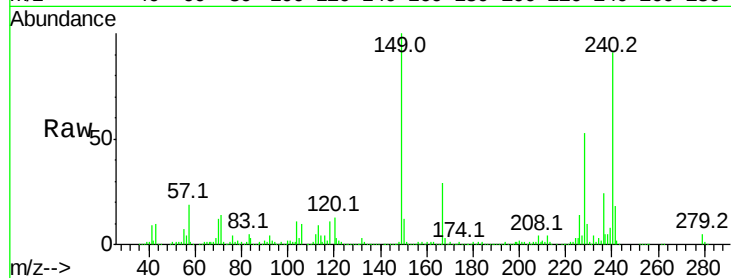
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.84 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	19.6	29.4
279	4.6	1.9	2.9#

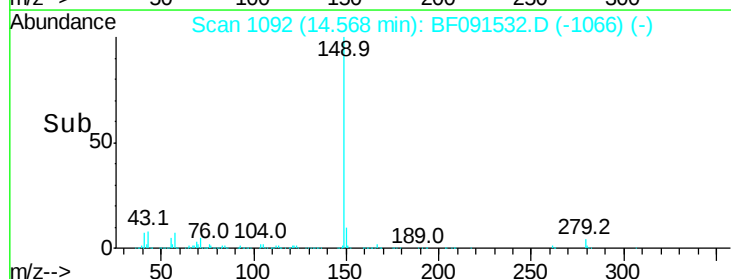
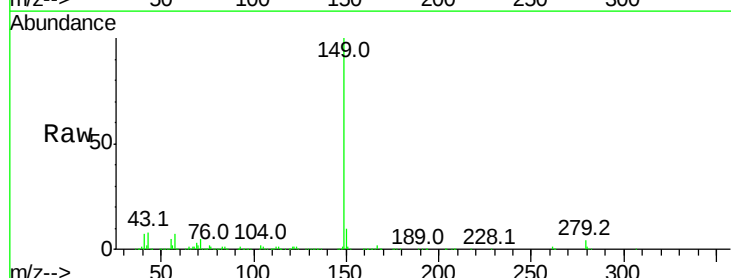
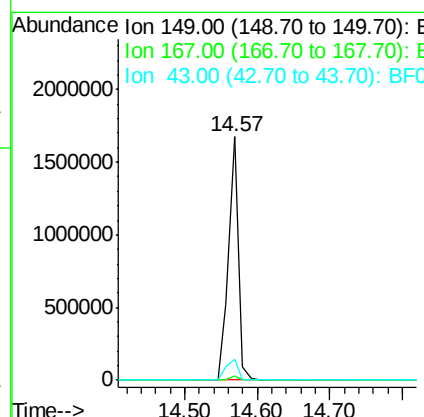
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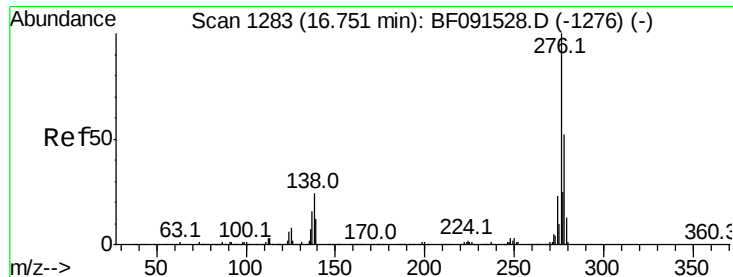
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#84
 Di-n-octyl phthalate
 Concen: 40.98 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.8	11.9	17.9#





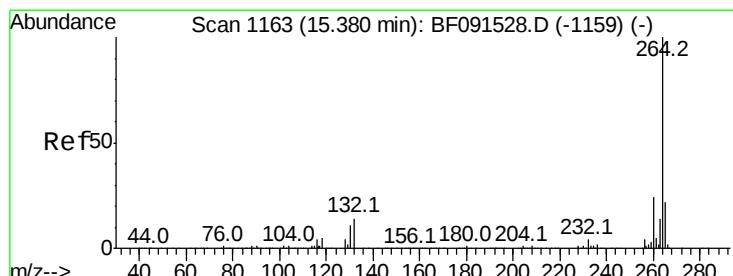
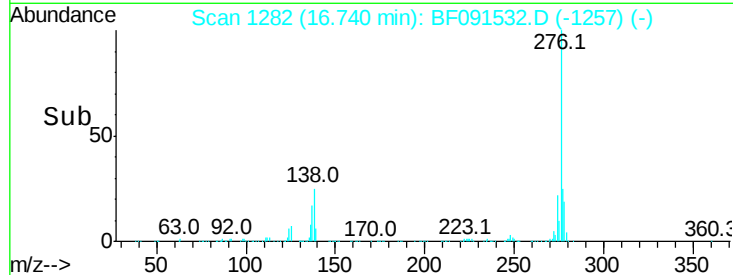
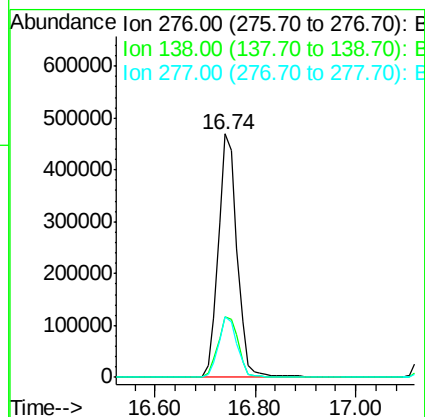
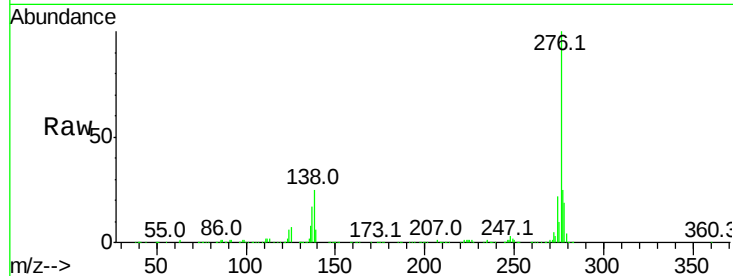
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.69 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.4
277	24.8	20.2	30.2

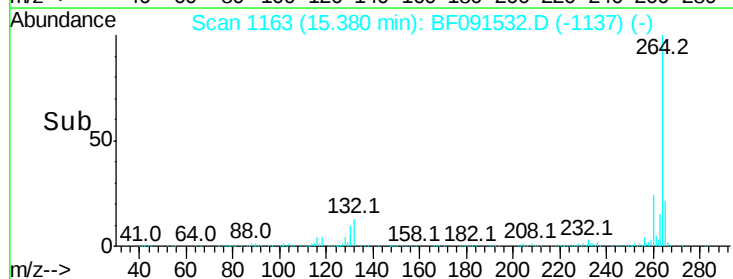
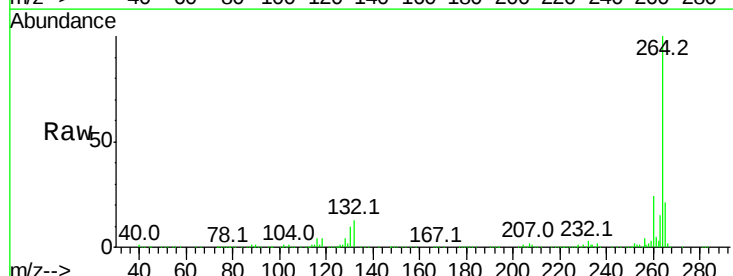
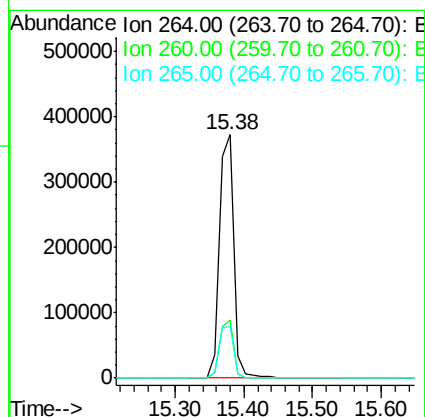
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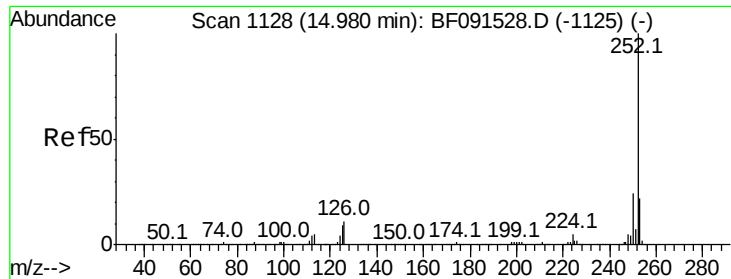
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.0	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 41.99 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF120916

Tot Ion:252 Resp: 1380075

Ion Ratio Lower Upper

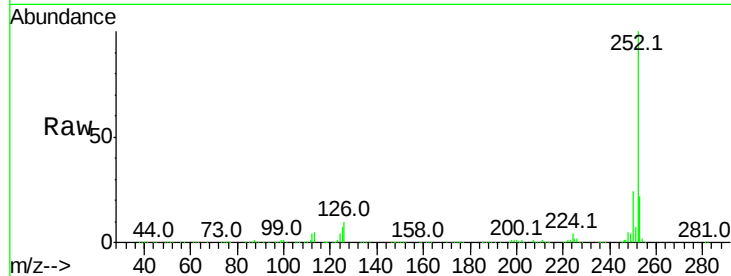
252 100

253 21.9 18.2 27.2

125 7.3 8.6 13.0#

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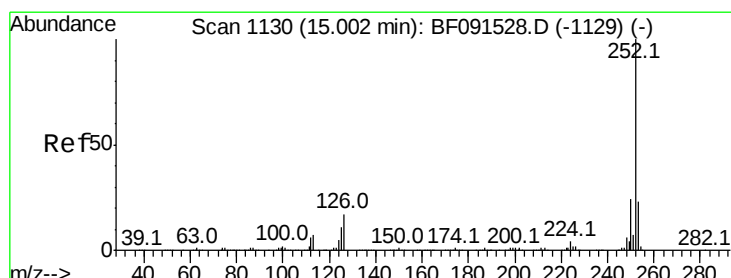
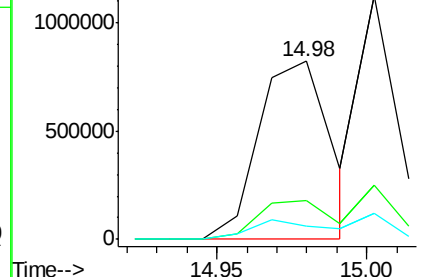
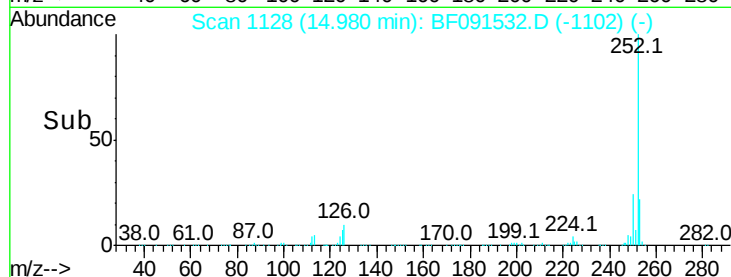
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.36 ng m

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

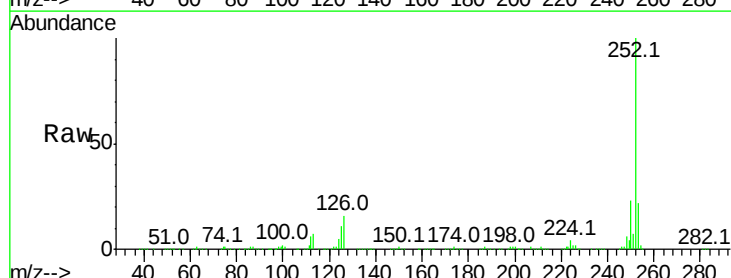
Tgt Ion:252 Resp: 993019

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

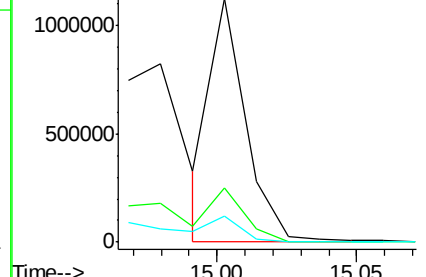
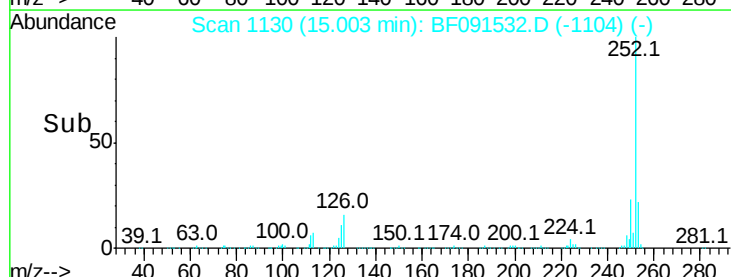
125 10.7 9.6 14.4

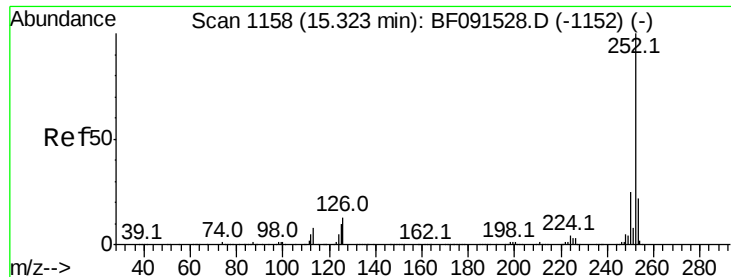


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





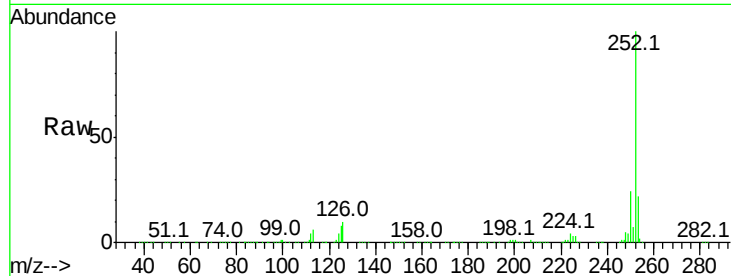
#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF120916

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	7.8	10.4	15.6

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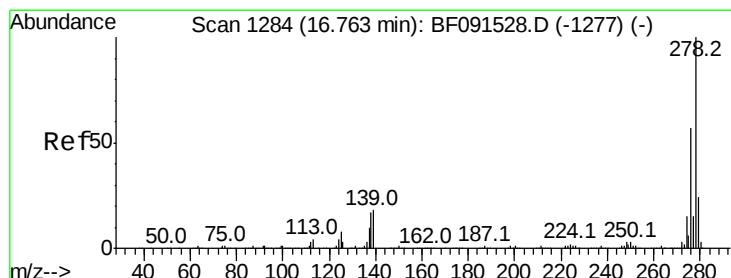
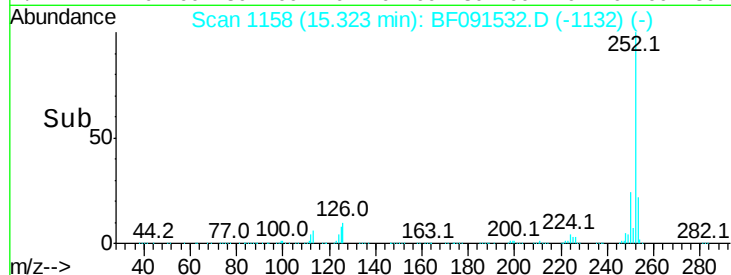
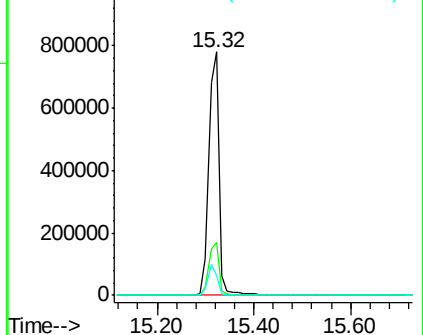


Abundance

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: 38.79 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

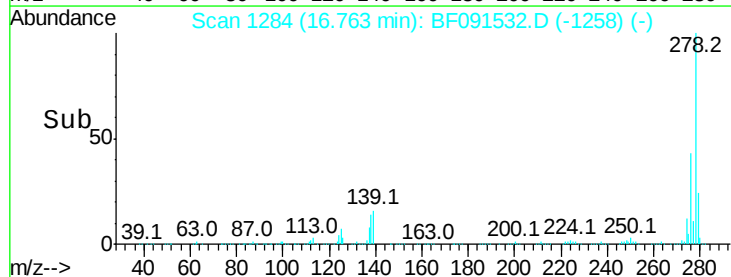
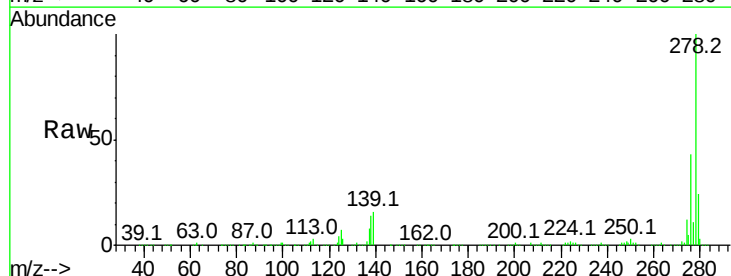
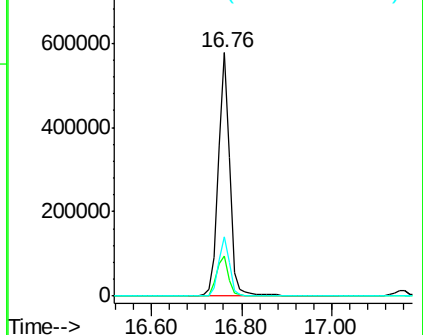
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.1	22.7
279	24.1	19.0	28.6

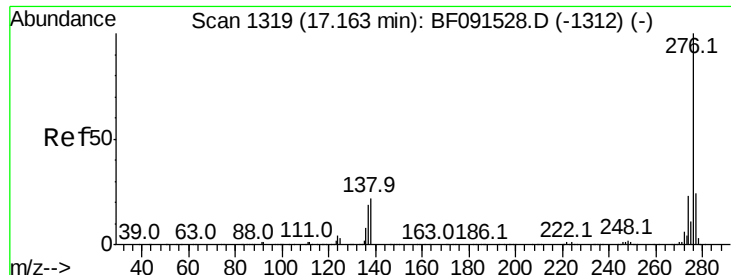
Abundance

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: 39.21 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120916

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	20.0	15.4	23.0

Manual Integrations
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