

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091056.D
 Acq On : 7 Nov 2016 15:25
 Operator : UM/SJ
 Sample : H5510-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Manual Integrations
 APPROVED

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 11/8/2016 4:31:47 PM

Quant Time: Nov 08 00:08:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 00:06:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	181682	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	763195	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	380381	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	649436	20.00	ng	0.00
75) Chrysene-d12	13.83	240	546576	20.00	ng	0.00
86) Perylene-d12	15.21	264	426327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1526999	138.81	ng	0.02
7) Phenol-d6	6.33	99	1866016	124.97	ng	0.00
23) Nitrobenzene-d5	7.24	82	1201854	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	567368	164.99	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	2264664	102.50	ng	0.00
78) Terphenyl-d14	12.79	244	2191510	100.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	186204	29.59	ng	100
3) Pyridine	2.89	79	244163	16.59	ng	95
4) n-Nitrosodimethylamine	2.83	42	220738	37.91	ng	94
6) Aniline	6.34	93	267429	15.18	ng	# 1
8) 2-Chlorophenol	6.46	128	490745	37.40	ng	# 80
9) Benzaldehyde	6.21	77	72357	8.73	ng	98
10) Phenol	6.34	94	526913	31.89	ng	# 77
11) bis(2-Chloroethyl)ether	6.42	93	550976	39.57	ng	91
12) 1,3-Dichlorobenzene	6.61	146	529856	39.92	ng	99
13) 1,4-Dichlorobenzene	6.69	146	521724	36.64	ng	99
14) 1,2-Dichlorobenzene	6.84	146	508253	38.89	ng	99
15) Benzyl Alcohol	6.83	79	407446	38.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	682400	34.22	ng	99
17) 2-Methylphenol	6.94	107	408823	39.36	ng	99
18) Hexachloroethane	7.18	117	206263	37.43	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	408637	39.49	ng	# 89
20) 3+4-Methylphenols	7.10	107	529314	42.44	ng	94
22) Acetophenone	7.09	105	729313	41.50	ng	95
24) Nitrobenzene	7.26	77	588589	38.09	ng	98
25) Isophorone	7.50	82	1051833	39.02	ng	98
26) 2-Nitrophenol	7.58	139	276927	42.35	ng	# 69
27) 2,4-Dimethylphenol	7.63	122	466547	43.14	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	649798	44.12	ng	99
29) 2,4-Dichlorophenol	7.82	162	394140	41.76	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	453886	42.77	ng	99
31) Naphthalene	7.98	128	1500467	41.11	ng	99
32) Benzoic acid	7.72	122	14760	6.64	ng	93
33) 4-Chloroaniline	8.04	127	142830	9.41	ng	97
34) Hexachlorobutadiene	8.10	225	220590	38.51	ng	99
35) Caprolactam	8.42	113	110685m	37.33	ng	
36) 4-Chloro-3-methylphenol	8.53	107	461023	40.35	ng	87
37) 2-Methylnaphthalene	8.67	142	919427	39.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	426014	43.93	ng	99
40) Hexachlorocyclopentadiene	8.83	237	367722	96.23	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	266779	42.61	nq	96
43) 2,4,5-Trichlorophenol	9.01	196	303037	46.10	nq	95
45) 1,1'-Biphenyl	9.14	154	1093399	39.37	nq	100
46) 2-Chloronaphthalene	9.16	162	886294	42.03	nq	99
47) 2-Nitroaniline	9.26	65	296928	37.94	nq	94
48) Acenaphthylene	9.57	152	1300108	39.56	nq	100
49) Dimethylphthalate	9.46	163	1629664	65.34	nq	# 98
50) 2,6-Dinitrotoluene	9.52	165	260173	48.67	nq	# 64
51) Acenaphthene	9.74	154	776825	37.65	nq	100
52) 3-Nitroaniline	9.68	138	134915	21.28	nq	93
53) 2,4-Dinitrophenol	9.79	184	141998	51.21	nq	# 81
54) Dibenzofuran	9.92	168	1247048	44.90	nq	100
55) 4-Nitrophenol	9.86	139	302714	72.30	nq	94
56) 2,4-Dinitrotoluene	9.92	165	291580	42.87	nq	# 72
57) Fluorene	10.26	166	918762	40.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218986	42.53	nq	97
59) Diethylphthalate	10.16	149	1105687	43.24	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	482971	46.75	nq	93
61) 4-Nitroaniline	10.30	138	248989	38.83	nq	90
62) Azobenzene	10.42	77	1201643	39.92	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	136871	34.42	nq	# 52
65) n-Nitrosodiphenylamine	10.38	169	914659	44.31	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	273267	40.45	nq	# 67
67) Hexachlorobenzene	10.81	284	303324	40.71	nq	95
68) Atrazine	10.91	200	242094	40.65	nq	95
69) Pentachlorophenol	11.01	266	269050	81.53	nq	100
70) Phenanthrene	11.22	178	1406894	40.75	nq	99
71) Anthracene	11.28	178	1537604	41.89	nq	99
72) Carbazole	11.44	167	1393288	42.12	nq	97
73) Di-n-butylphthalate	11.77	149	1518350	36.50	nq	98
74) Fluoranthene	12.41	202	1510244	42.18	nq	88
76) Benzidine	12.53	184	113965	9.33	nq	96
77) Pyrene	12.63	202	1396924	39.03	nq	99
79) Butylbenzylphthalate	13.27	149	718137	41.94	nq	# 73
80) Benzo(a)anthracene	13.81	228	1292194	41.64	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	210777	19.33	nq	99
82) Chrysene	13.86	228	1333968	43.59	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	891083	38.46	nq	# 96
84) Di-n-octyl phthalate	14.43	149	1451003	38.09	nq	97
85) Indeno(1,2,3-cd)pyrene	16.51	276	1034655	40.75	nq	98
87) Benzo(b)fluoranthene	14.83	252	1309323m	45.28	nq	
88) Benzo(k)fluoranthene	14.85	252	903821m	35.63	nq	
89) Benzo(a)pyrene	15.15	252	985709	39.16	nq	# 97
90) Dibenzo(a,h)anthracene	16.52	278	881243	40.50	nq	# 95
91) Benzo(g,h,i)perylene	16.89	276	790868	40.19	nq	99

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

```

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Misc      :
ALS Vial  : 8 Sample Multiplier: 1

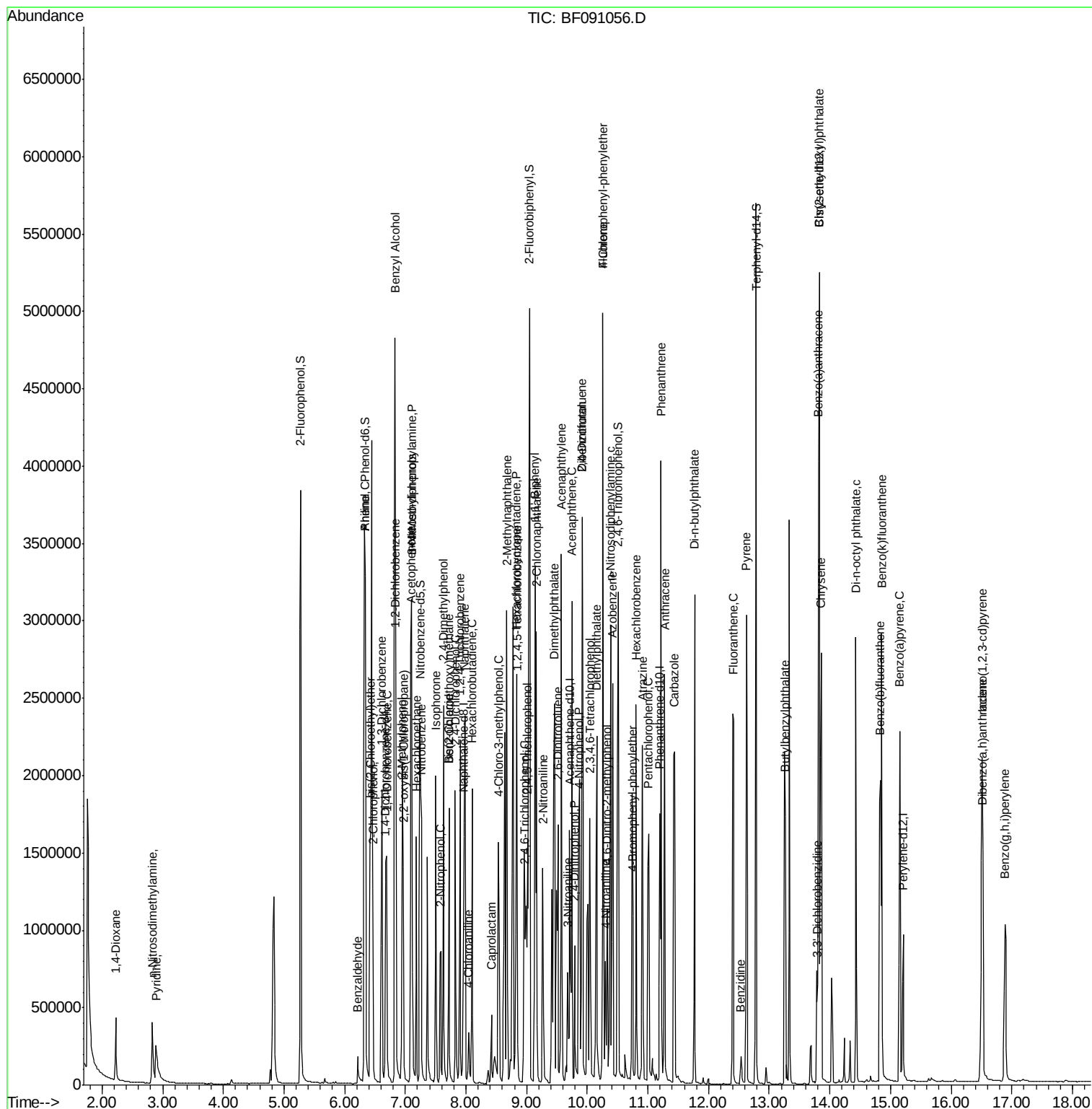
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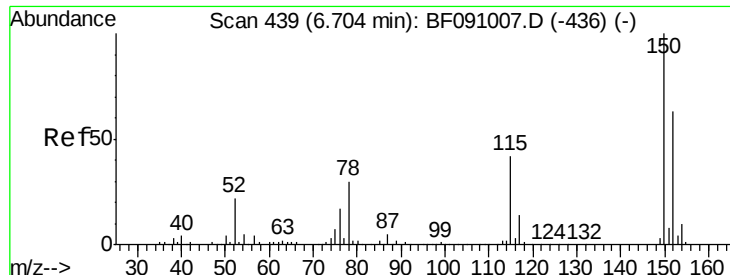
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

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#1

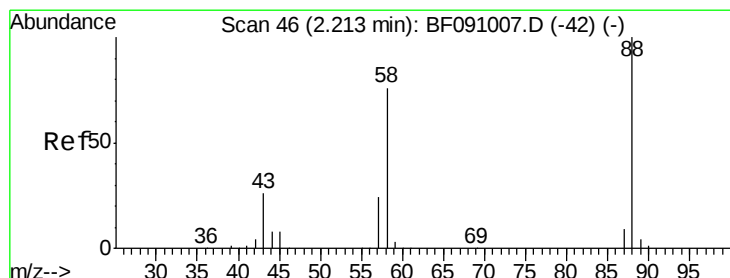
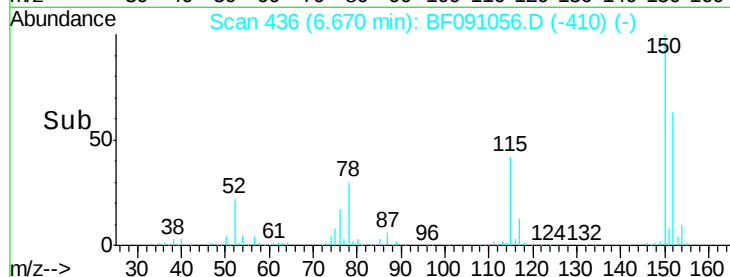
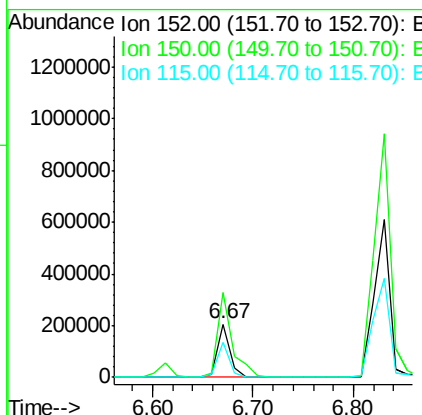
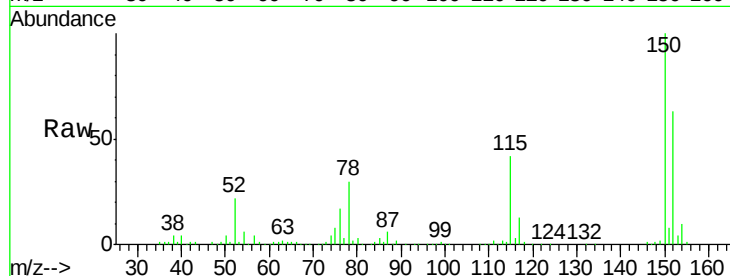
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.8	190.2
115	66.3	53.3	79.9

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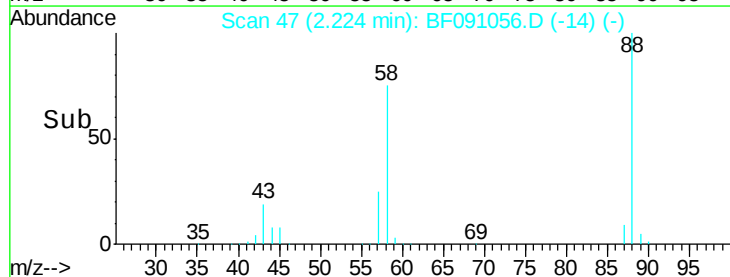
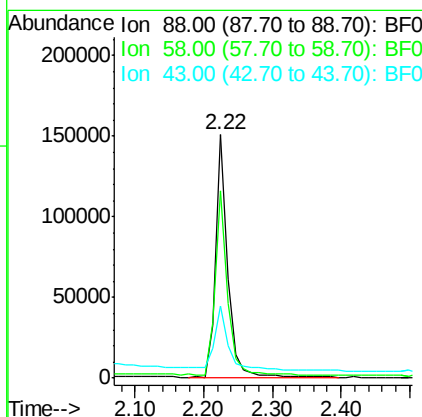
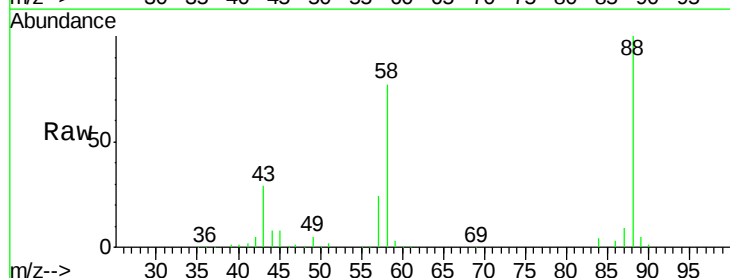
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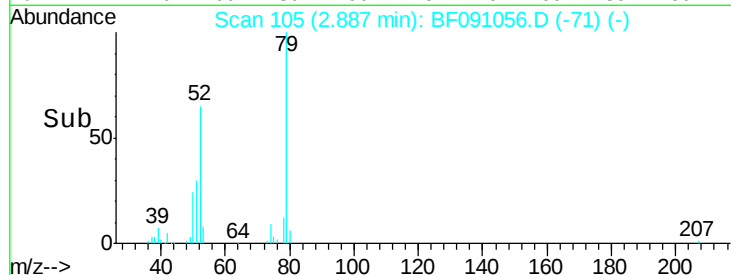
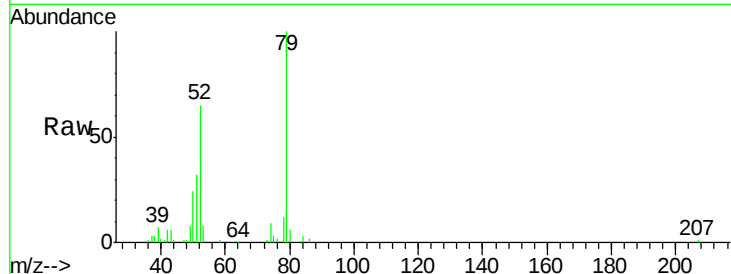
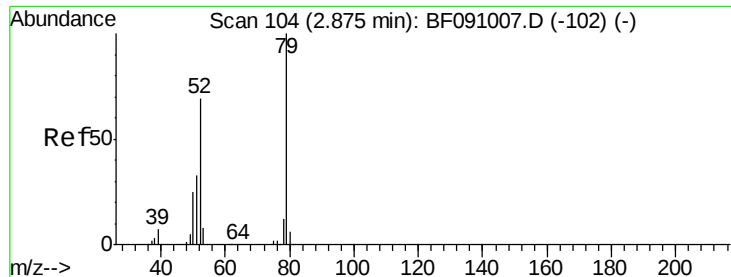


#2

1,4-Dioxane
Concen: 29.59 ng
RT: 2.22 min Scan# 47
Delta R.T. 0.08 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	63.8	95.6
43	28.2	22.6	33.8





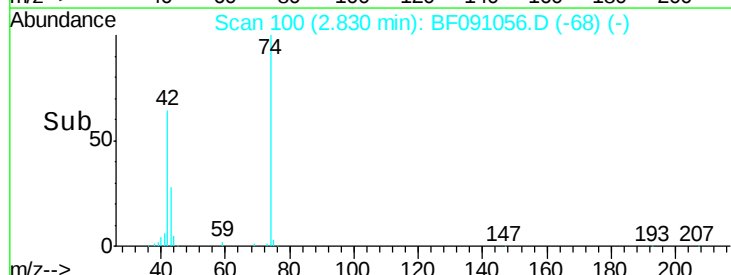
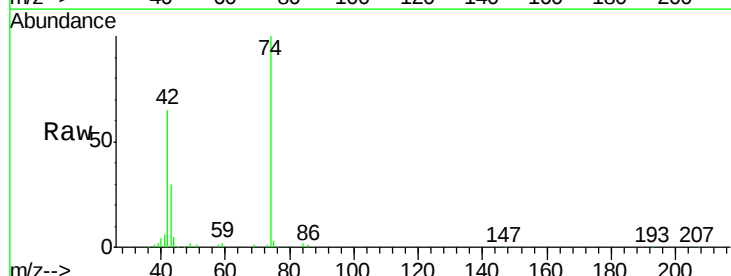
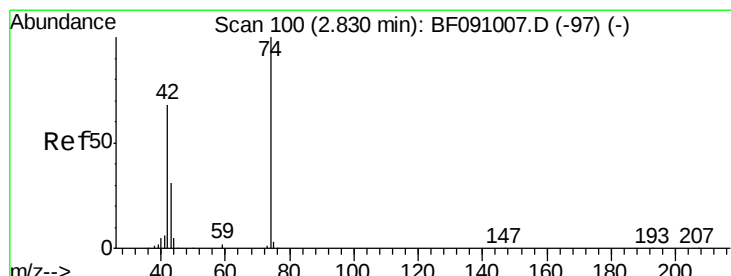
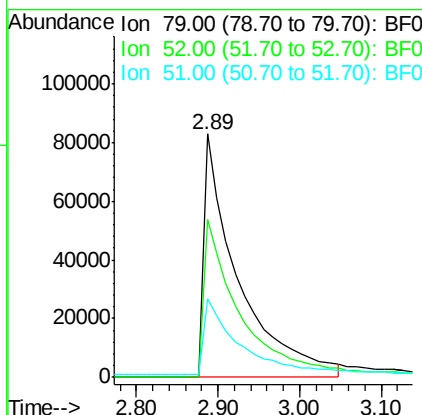
#3
 Pvridine
 Concen: 16.59 ng
 RT: 2.89 min Scan# 105
 Delta R.T. 0.09 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tot Ion	Ratio	Resp	Lower	Upper
79	100	244163		
52	65.1		55.4	83.0
51	32.1		27.4	41.0

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

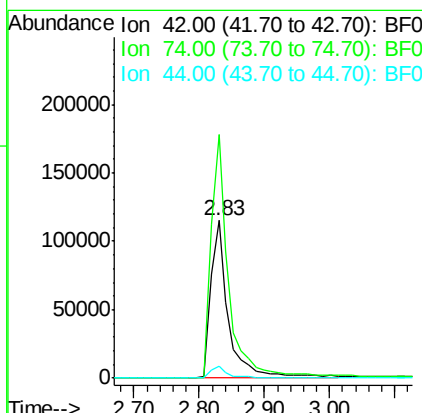
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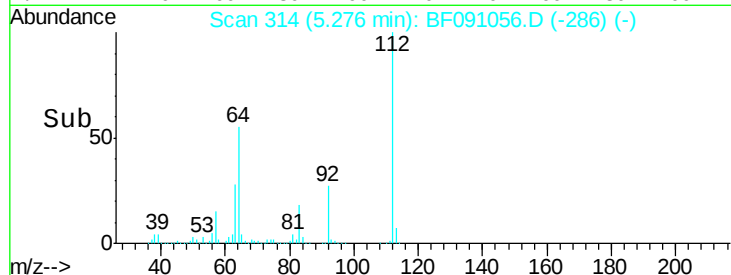
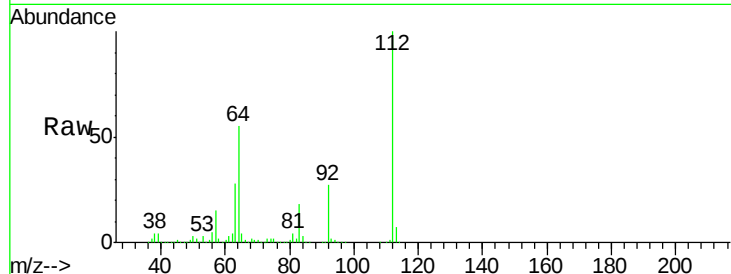
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#4
 n-Nitrosodimethylamine
 Concen: 37.91 ng
 RT: 2.83 min Scan# 100
 Delta R.T. 0.07 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	220738		
74	154.8		117.3	175.9
44	7.2		5.8	8.8





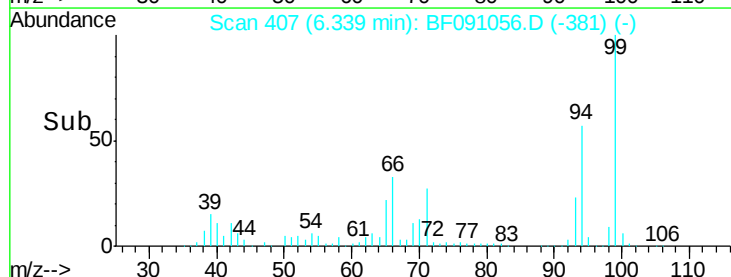
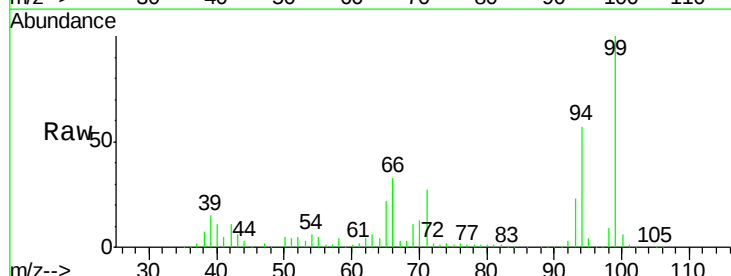
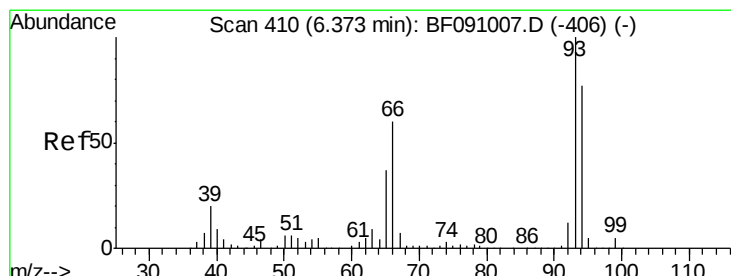
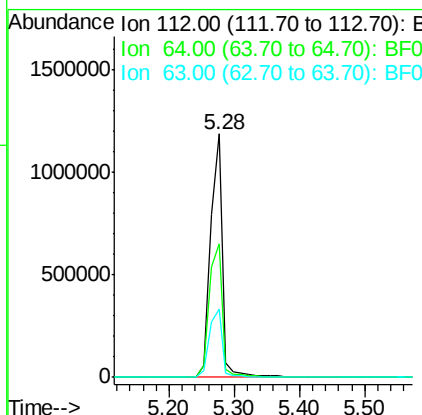
#5
2-Fluorophenol
Concen: 138.81 ng
RT: 5.28 min Scan# 314
Delta R.T. 0.02 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.9	55.8	83.6#
63	27.8	28.0	42.0#

Instrument :
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ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

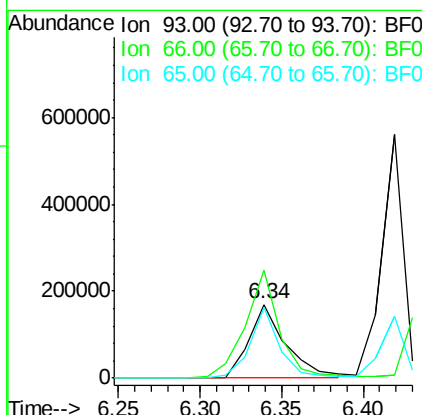
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#6
Aniline
Concen: 15.18 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
93	100		
66	146.7	48.2	72.2#
65	95.6	29.4	44.0#





#7

Phenol-d6

Concen: 124.97 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion: 99 Resp: 1866016

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

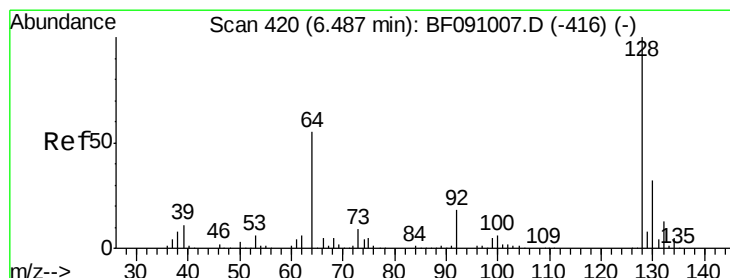
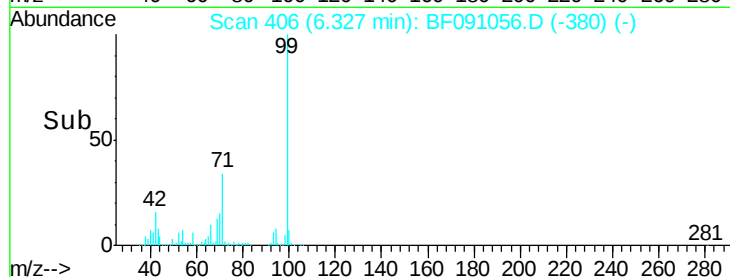
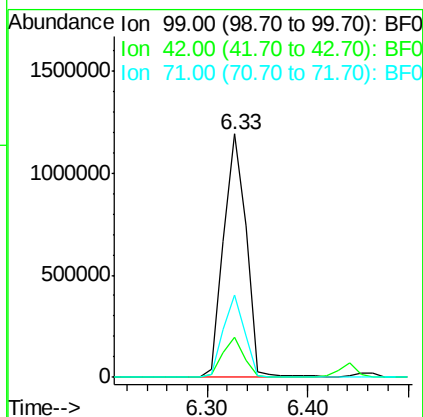
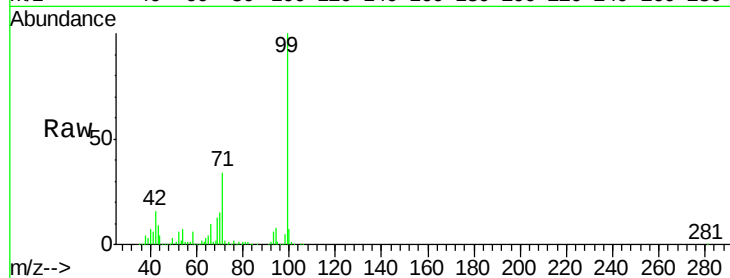
71 33.8 27.8 41.8

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#8

2-Chlorophenol

Concen: 37.40 ng

RT: 6.46 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

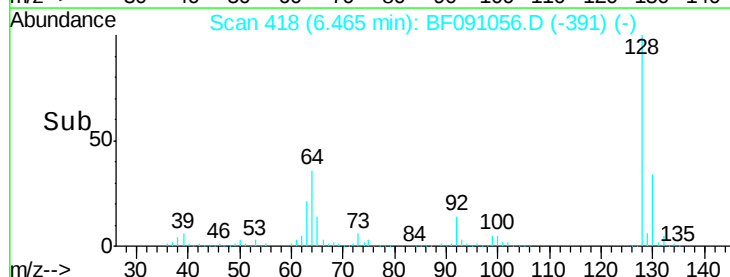
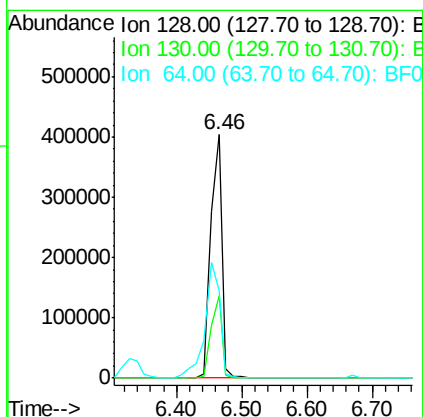
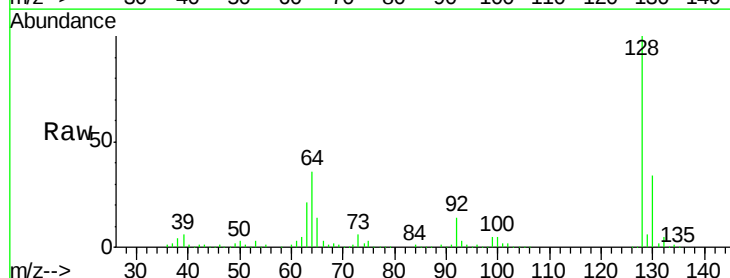
Tgt Ion: 128 Resp: 490745

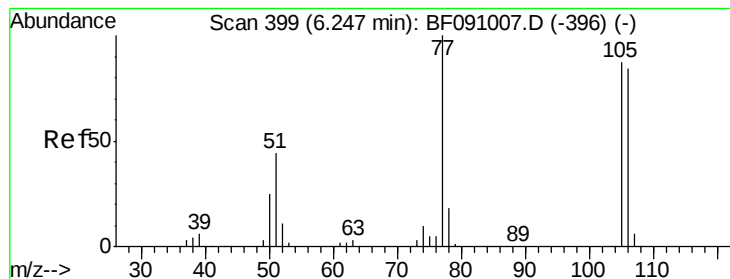
Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 35.8 37.2 77.2#





#9

Benzaldehyde

Concen: 8.73 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

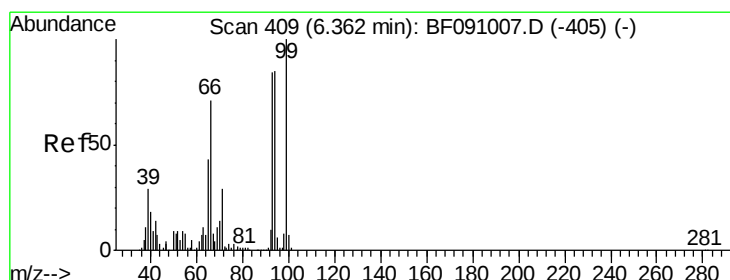
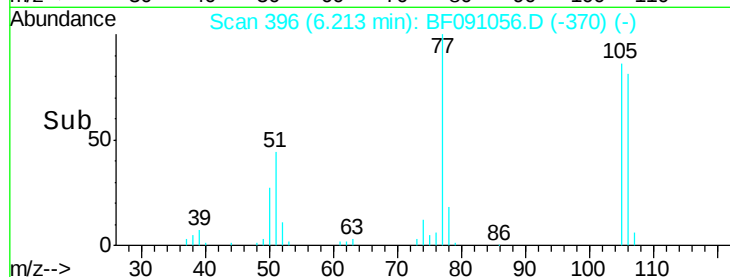
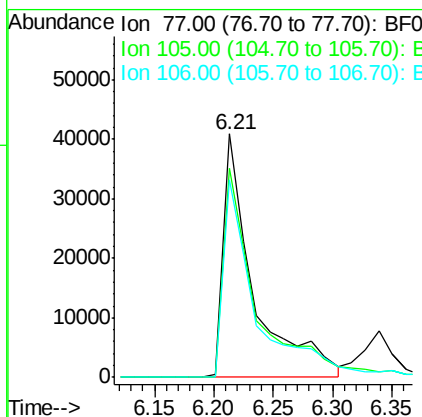
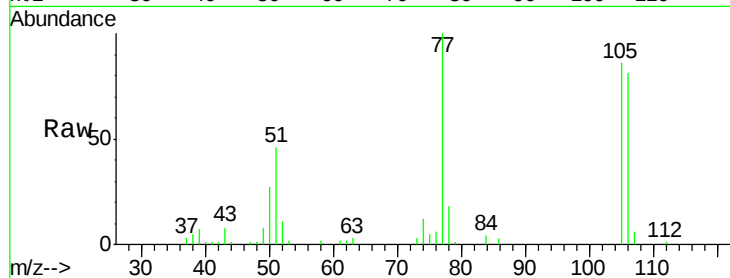
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:	77	Resp:	72357
Ion	Ratio	Lower	Upper
77	100		
105	85.6	66.8	106.8
106	80.9	64.0	104.0

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#10

Phenol

Concen: 31.89 ng

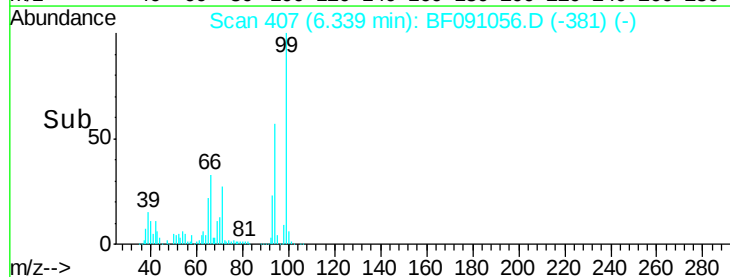
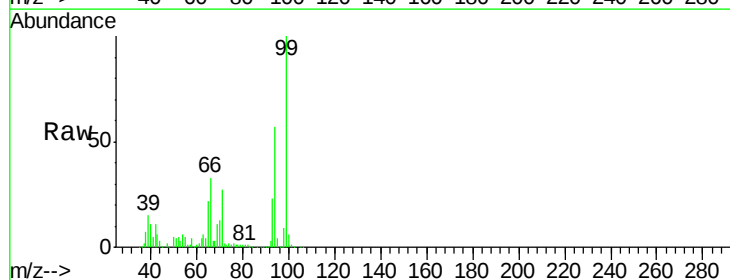
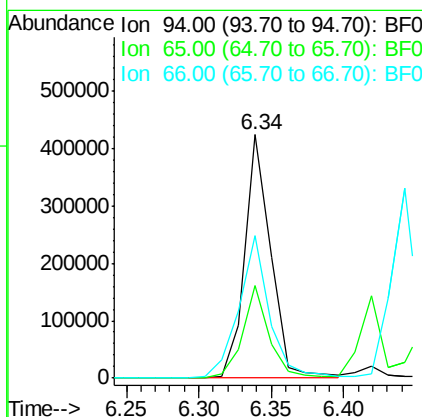
RT: 6.34 min Scan# 407

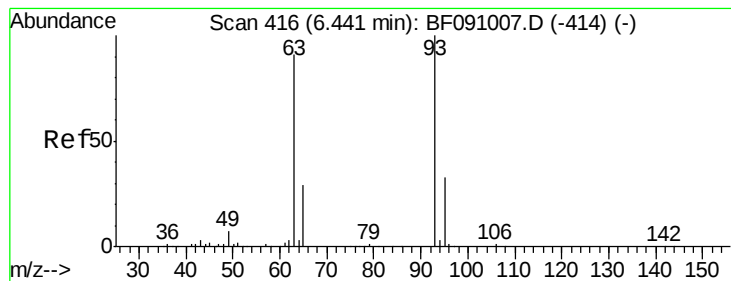
Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:	94	Resp:	526913
Ion	Ratio	Lower	Upper
94	100		
65	38.2	30.4	70.4
66	58.6	62.9	102.9#





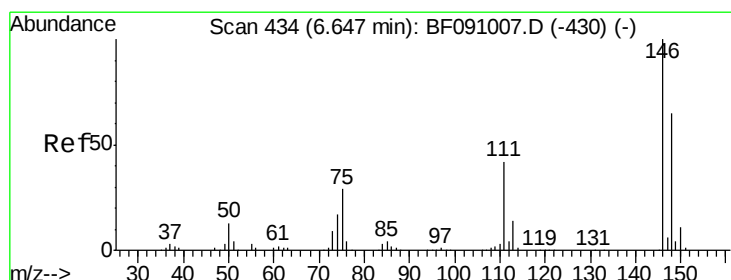
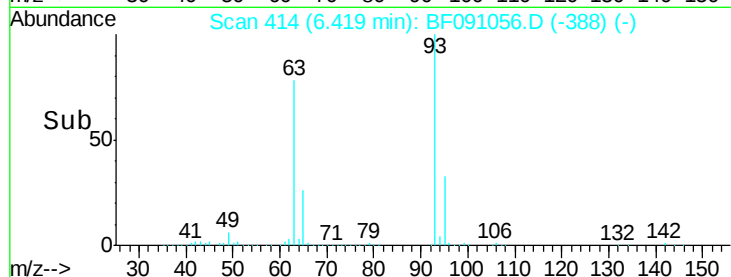
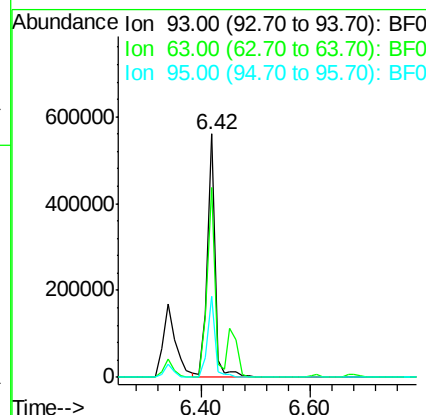
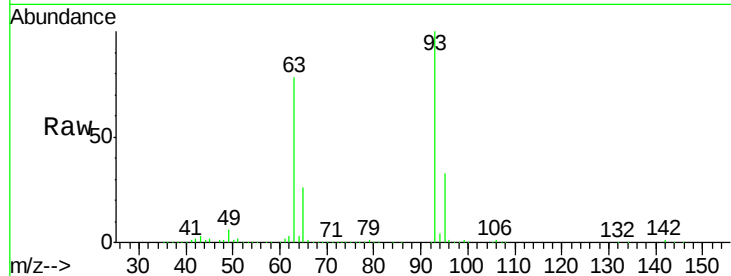
#11
bis(2-Chloroethyl)ether
Concen: 39.57 ng
RT: 6.42 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	77.8	68.9	108.9	
95	33.2	12.3	52.3	

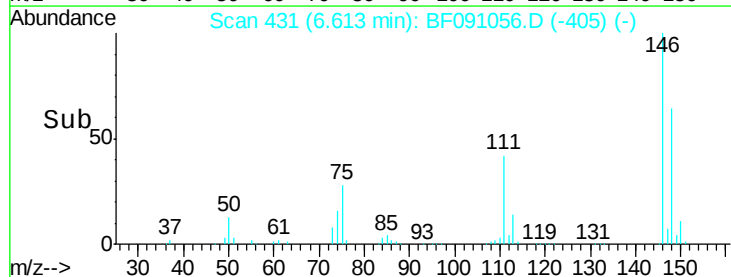
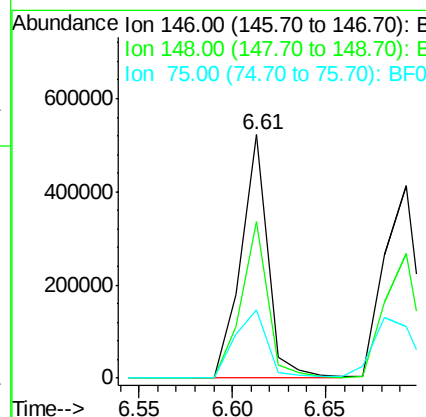
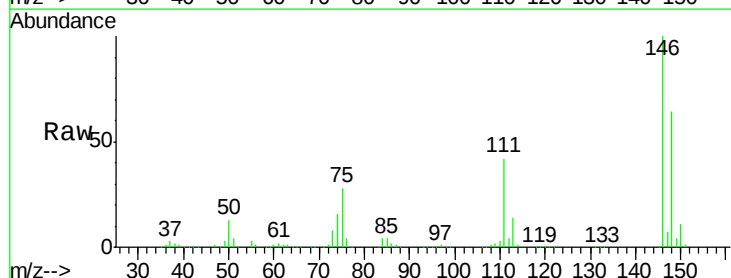
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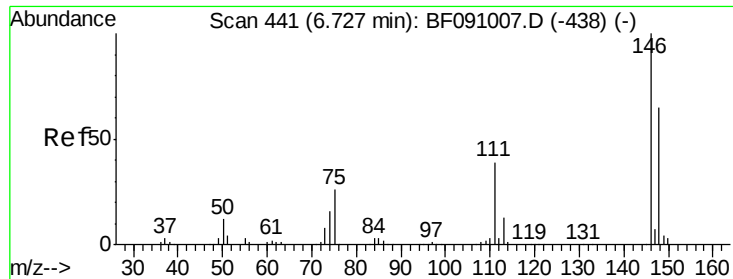
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#12
1,3-Dichlorobenzene
Concen: 39.92 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.4	52.0	78.0	
75	28.2	23.0	34.6	





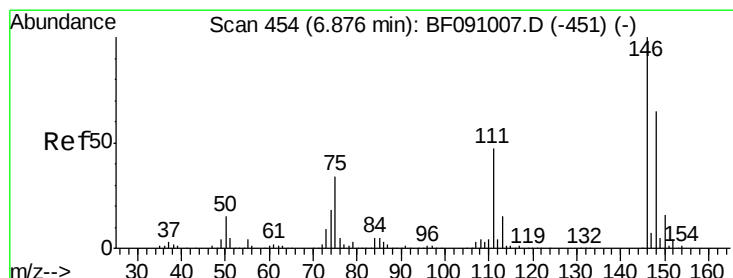
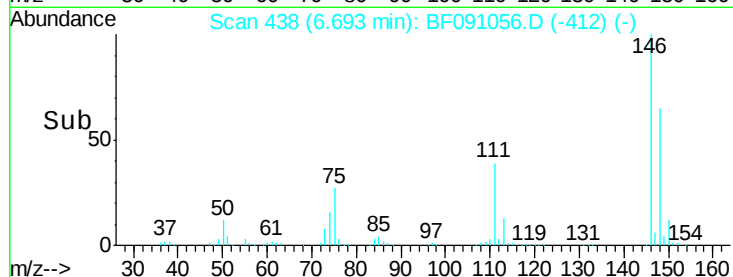
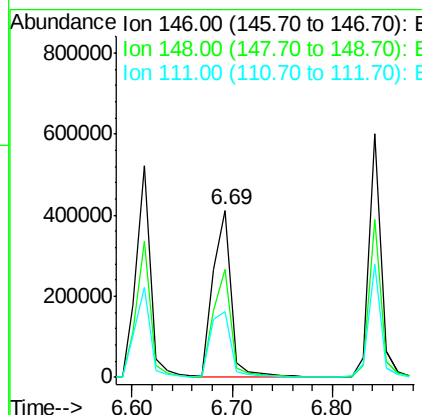
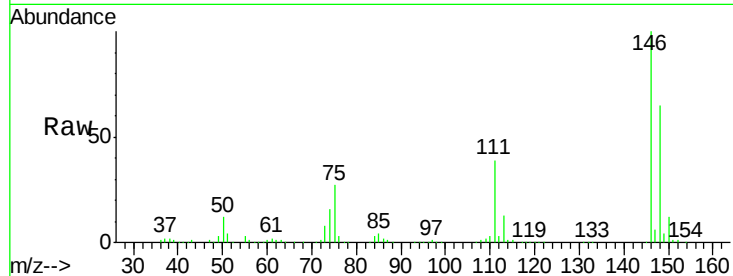
#13
1,4-Dichlorobenzene
Concen: 36.64 ng
RT: 6.69 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
111	39.1	31.6	47.4

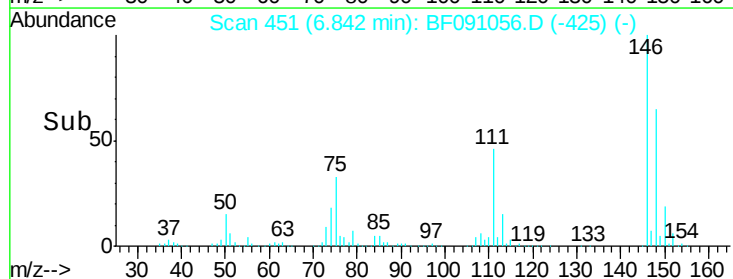
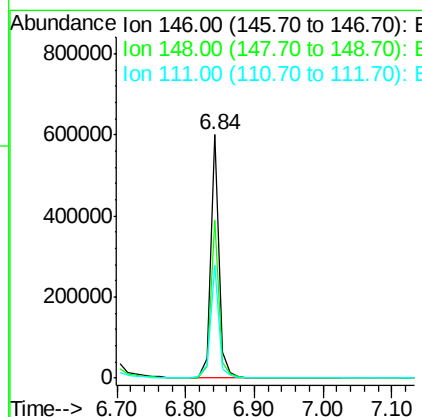
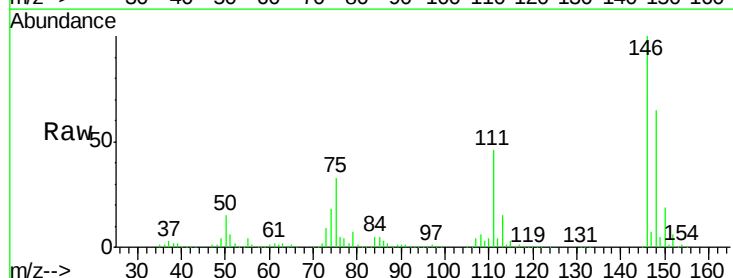
Manual Integrations
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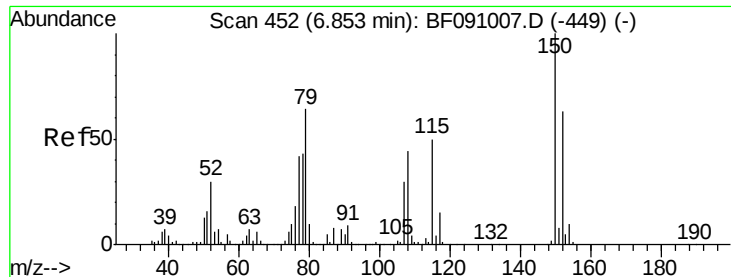
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#14
1,2-Dichlorobenzene
Concen: 38.89 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	46.2	37.3	55.9





#15

Benzyl Alcohol

Concen: 38.69 ng

RT: 6.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

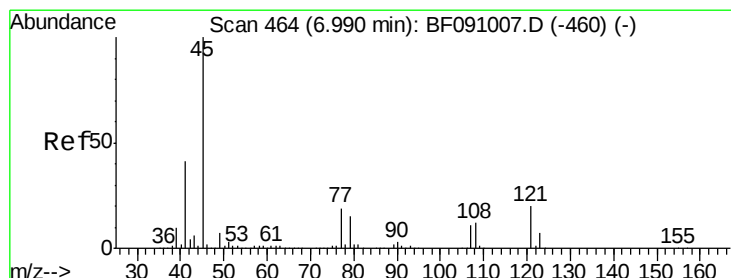
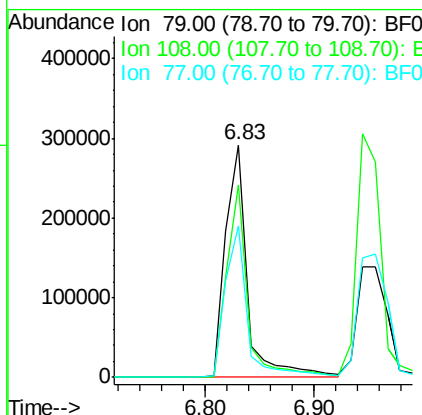
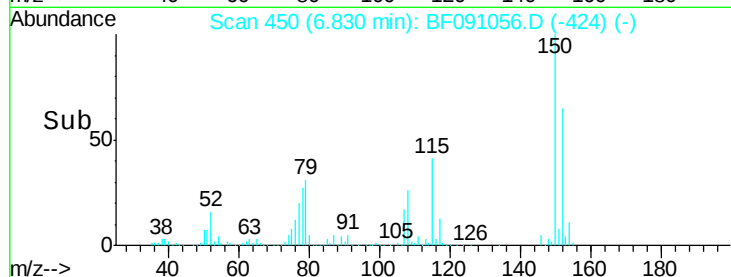
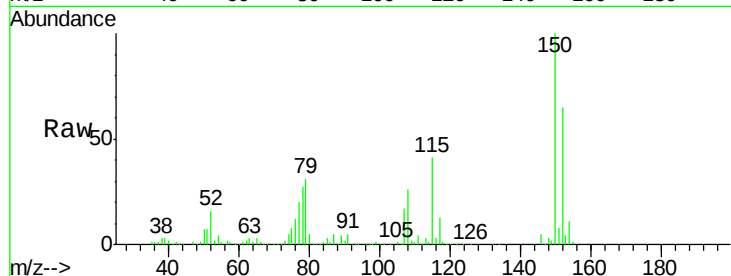
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:	79	Resp:	407446
Ion	Ratio	Lower	Upper
79	100		
108	82.7	55.7	83.5
77	65.1	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.22 ng

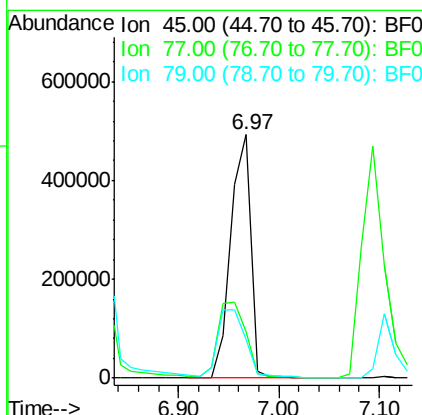
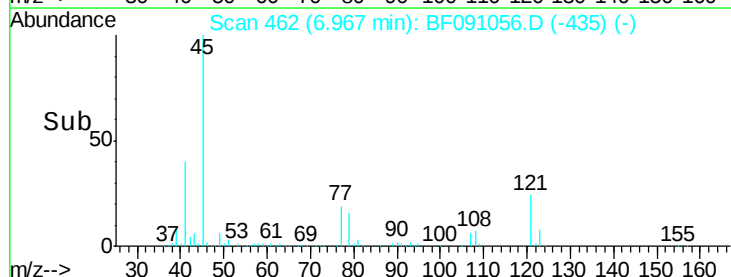
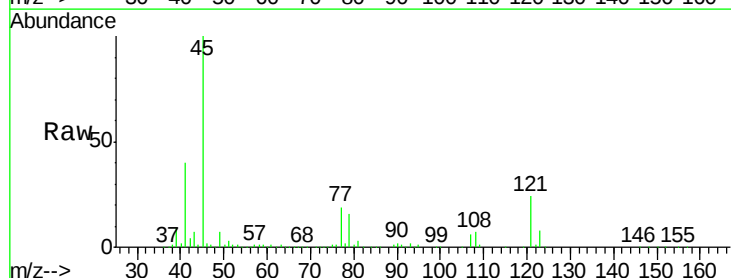
RT: 6.97 min Scan# 462

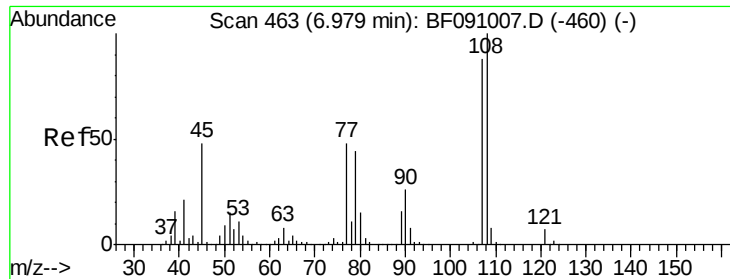
Delta R.T. 0.01 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:	45	Resp:	682400
Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	39.6
79	15.8	0.0	35.9





#17

2-Methylphenol

Concen: 39.36 ng

RT: 6.94 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:107 Resp: 408823

Ion Ratio Lower Upper

107 100

108 112.2 91.0 136.6

77 55.1 43.8 65.8

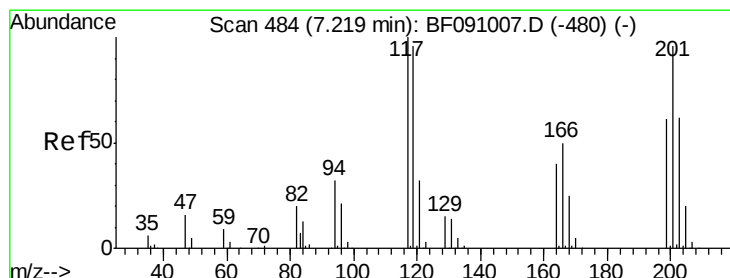
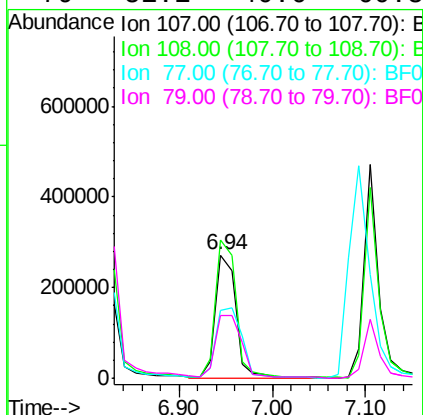
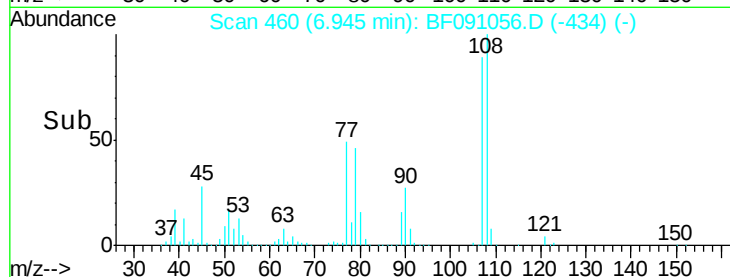
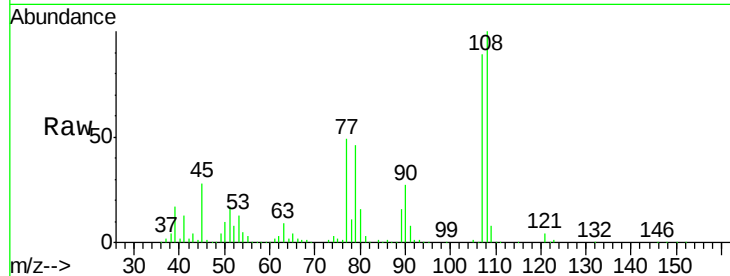
79 51.1 40.6 60.8

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#18

Hexachloroethane

Concen: 37.43 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

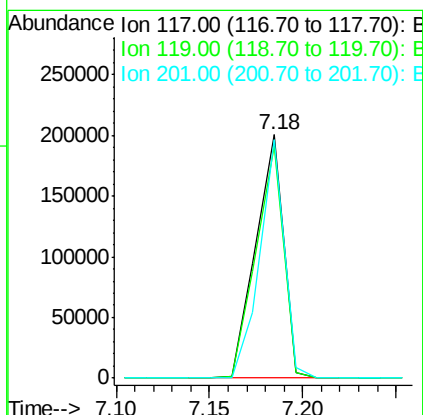
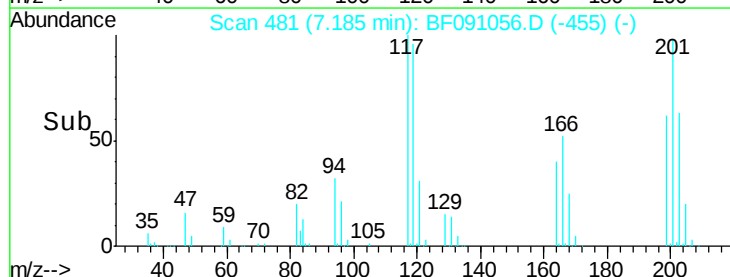
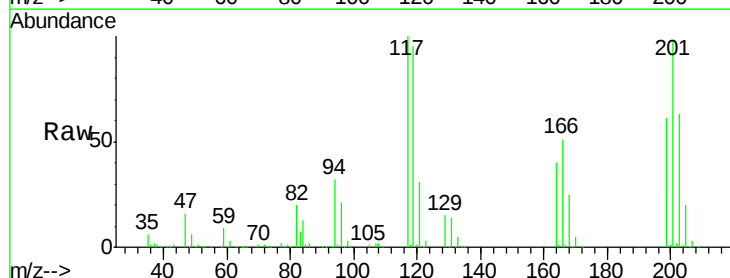
Tgt Ion:117 Resp: 206263

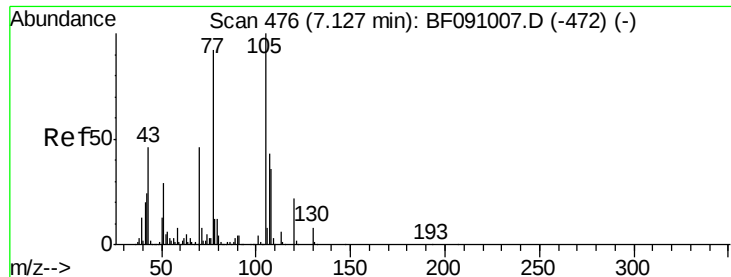
Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

201 98.0 77.1 115.7





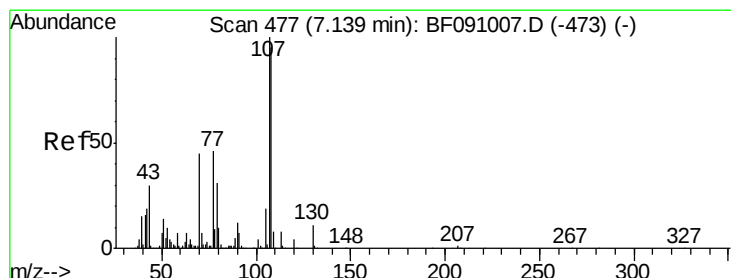
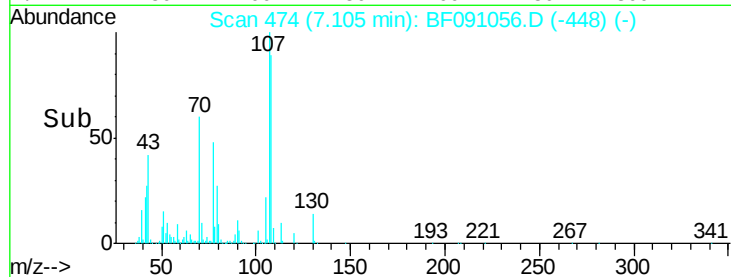
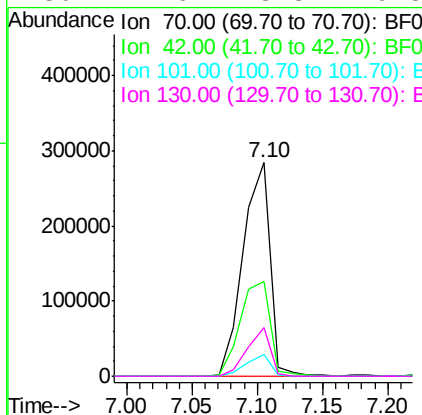
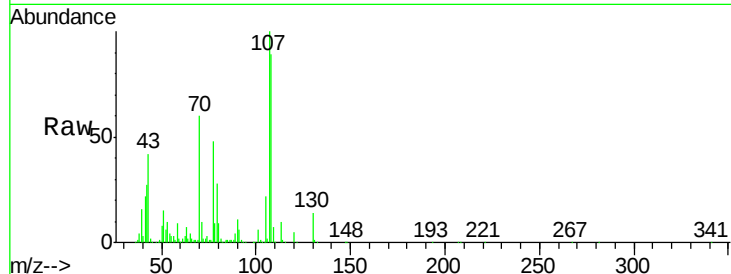
#19
n-Nitroso-di-n-propylamine
Concen: 39.49 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.1	41.7	62.5	
101	9.9	6.7	10.1	
130	22.6	13.8	20.8	

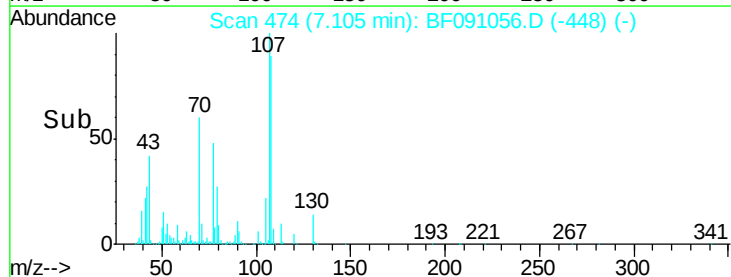
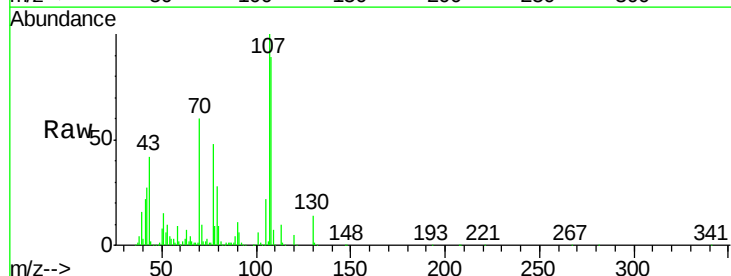
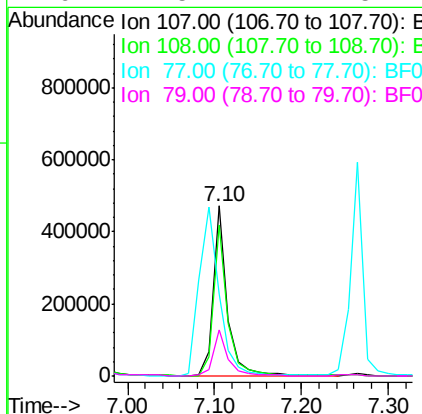
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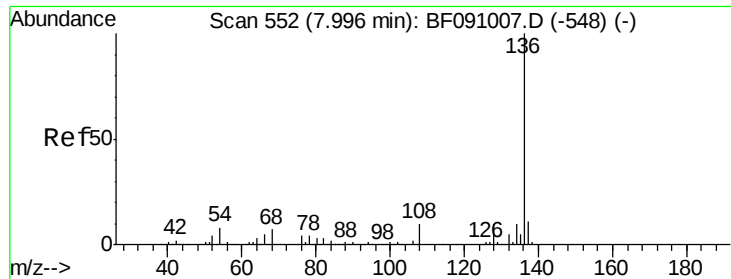
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#20
3+4-Methylphenols
Concen: 42.44 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	75.5	115.5	
77	48.4	26.4	66.4	
79	27.5	11.1	51.1	





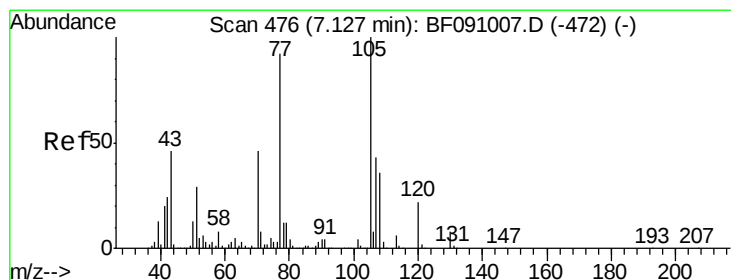
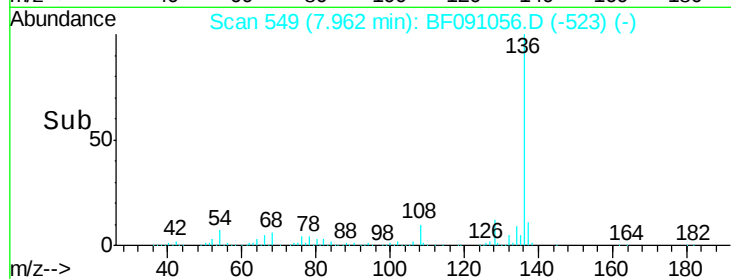
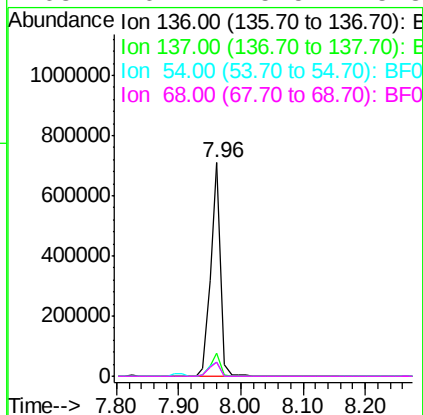
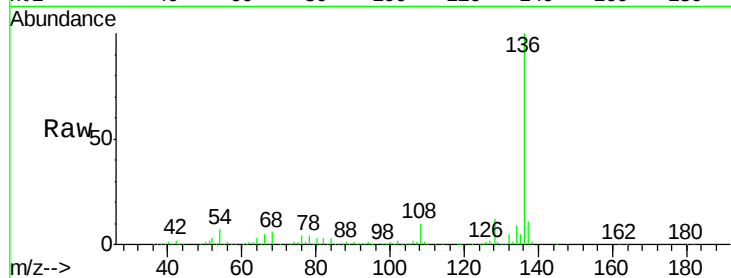
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	763195		
137	10.9		8.9	13.3
54	6.9		6.2	9.2
68	6.4		5.5	8.3

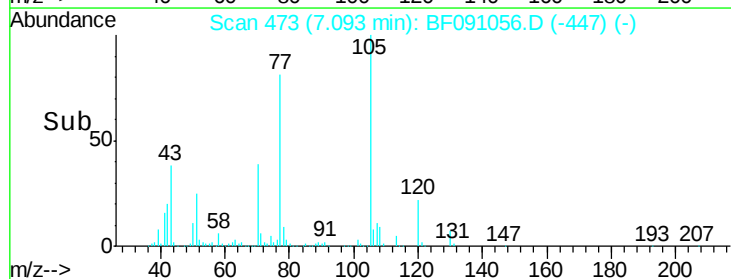
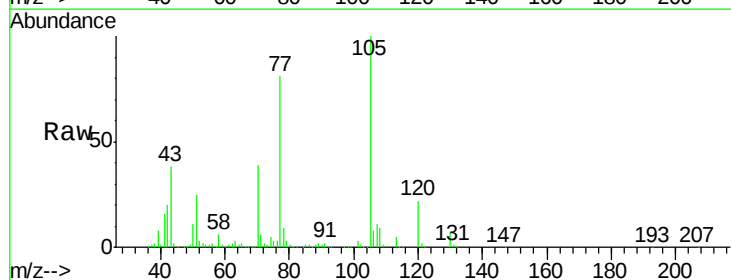
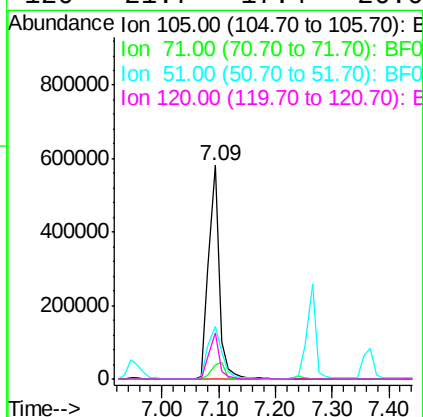
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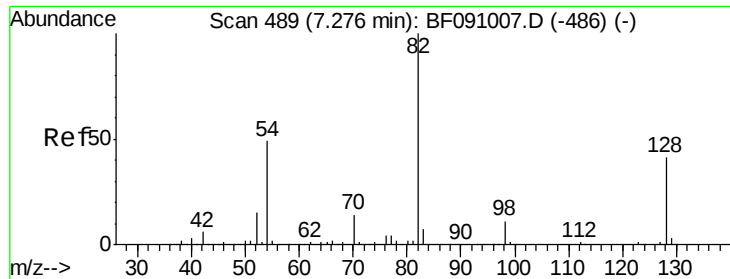
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#22
Acetophenone
Concen: 41.50 ng
RT: 7.09 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	729313		
71	6.5		6.2	9.2
51	24.7		23.3	34.9
120	21.7		17.4	26.0





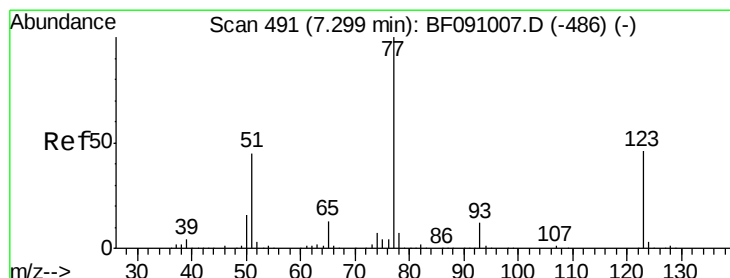
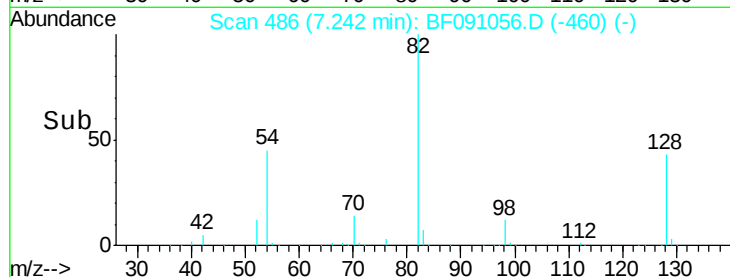
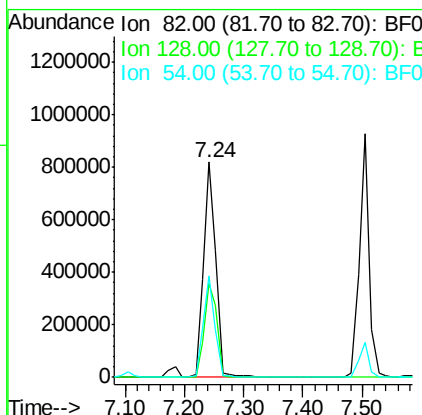
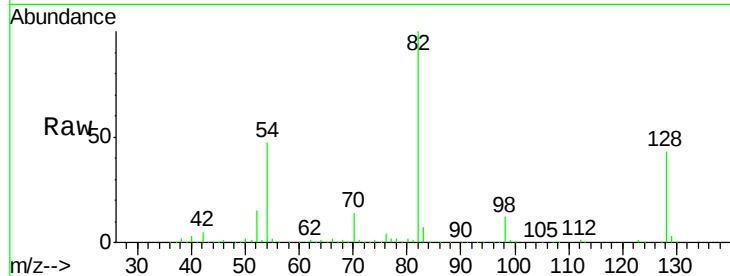
#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.24 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion: 82 Resp: 1201854
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.4 48.6
 54 47.1 39.2 58.8

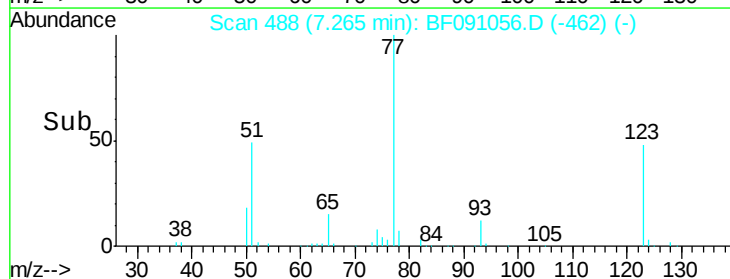
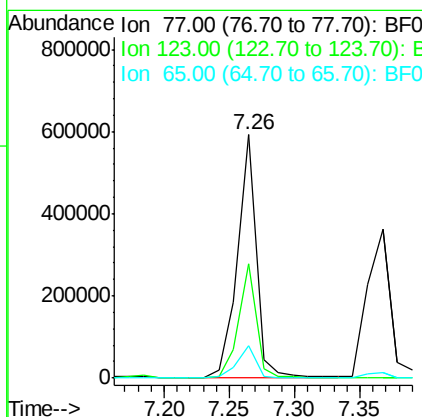
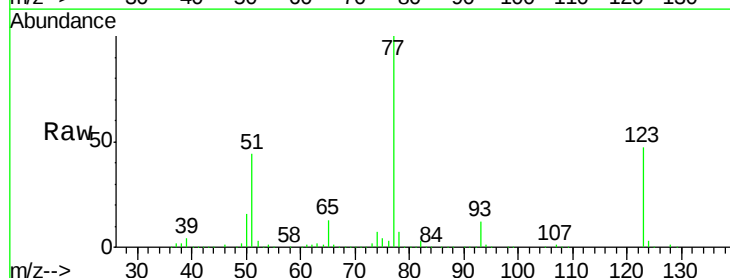
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#24
 Nitrobenzene
 Concen: 38.09 ng
 RT: 7.26 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion: 77 Resp: 588589
 Ion Ratio Lower Upper
 77 100
 123 47.1 36.5 54.7
 65 13.3 10.7 16.1





#25

Isophorone

Concen: 39.02 ng

RT: 7.50 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion: 82 Resp: 1051833

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

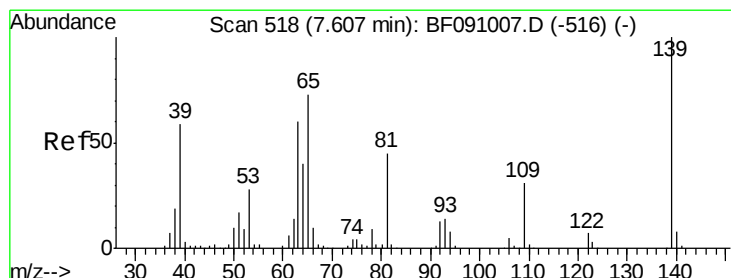
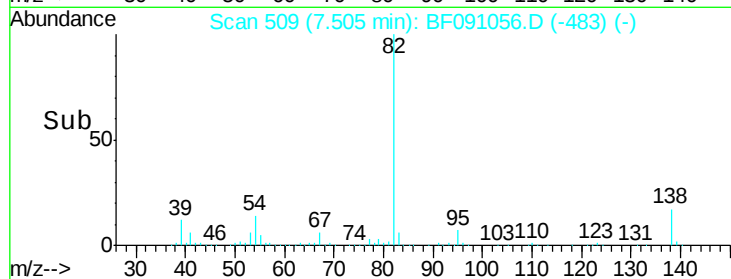
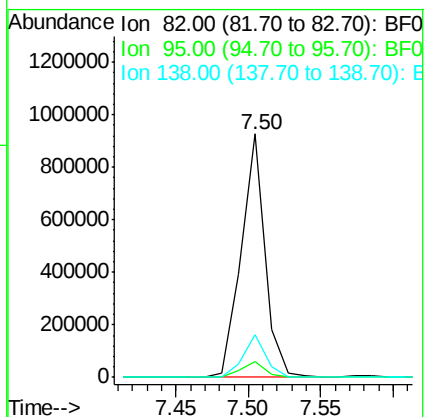
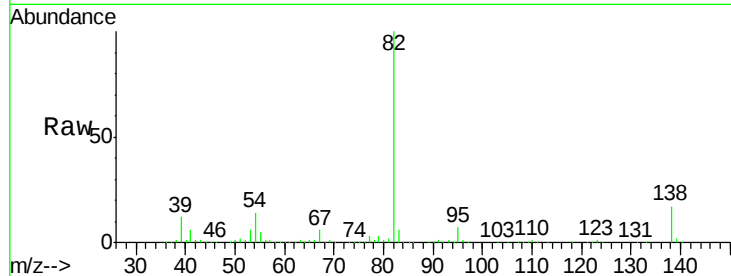
138 17.3 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.35 ng

RT: 7.58 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

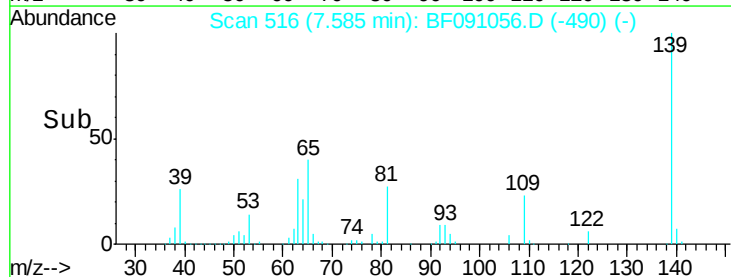
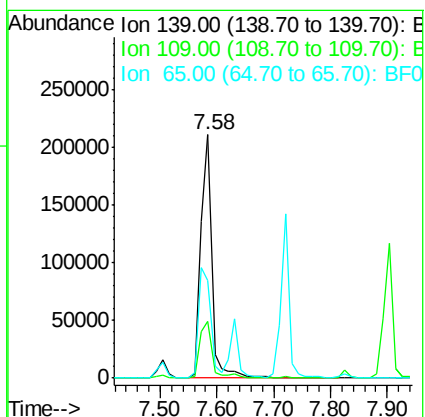
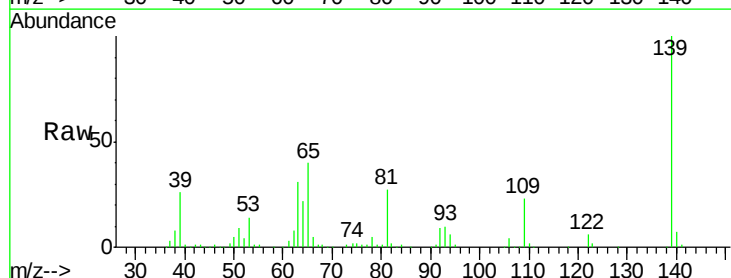
Tgt Ion: 139 Resp: 276927

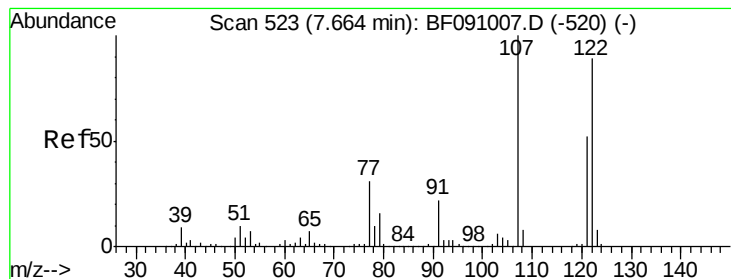
Ion Ratio Lower Upper

139 100

109 23.2 24.7 37.1#

65 40.4 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 43.14 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

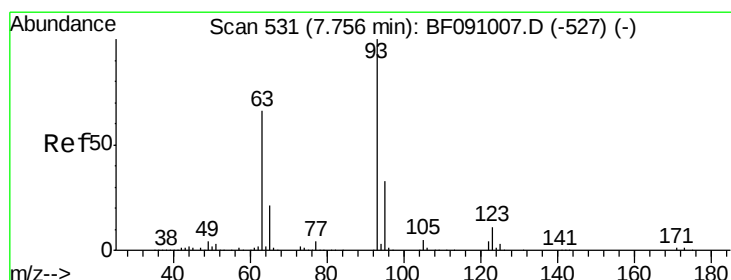
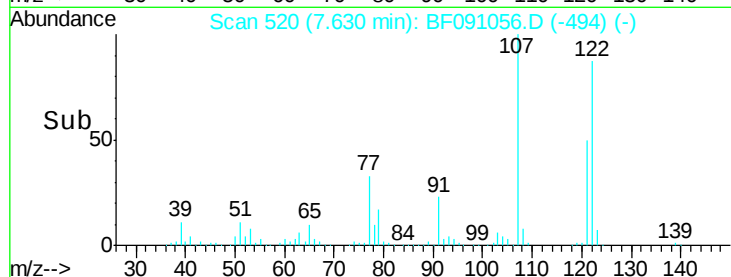
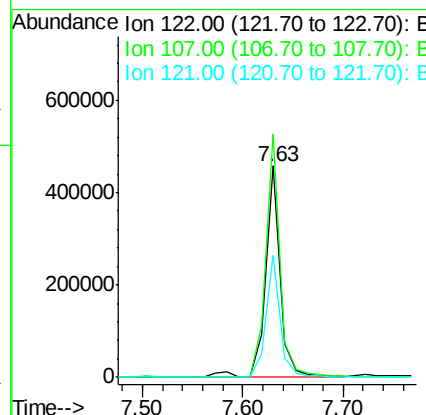
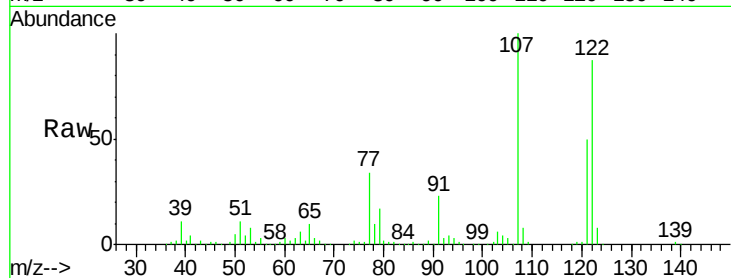
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	466547		
107	115.3		89.6	134.4
121	57.9		46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 44.12 ng

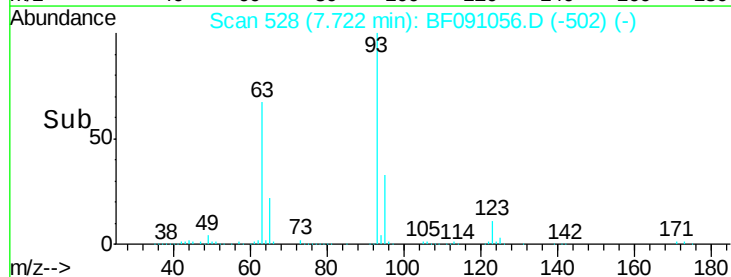
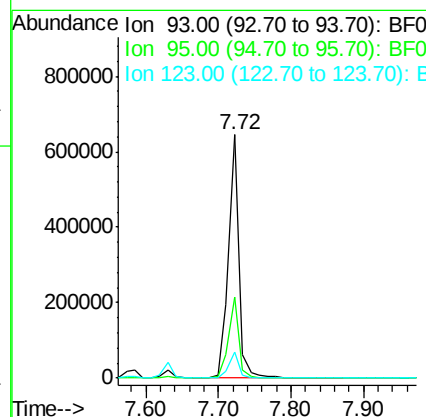
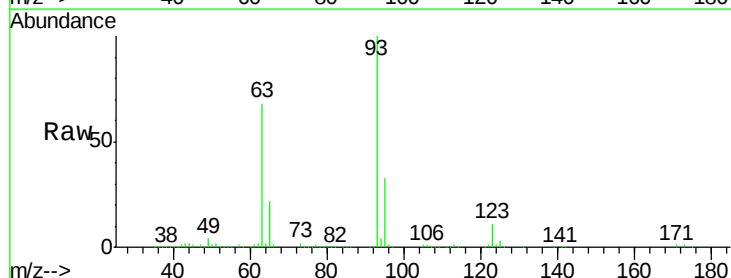
RT: 7.72 min Scan# 528

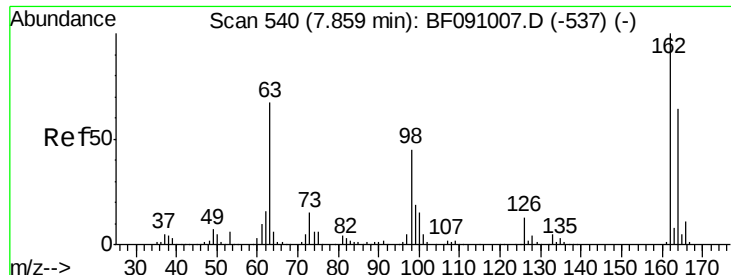
Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	649798		
95	33.2		26.3	39.5
123	10.8		8.7	13.1





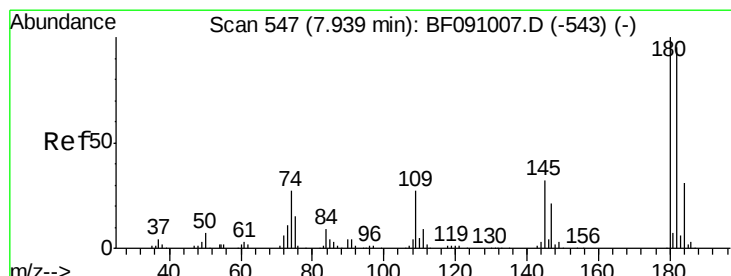
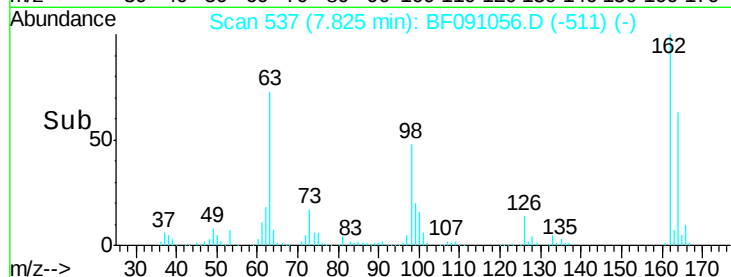
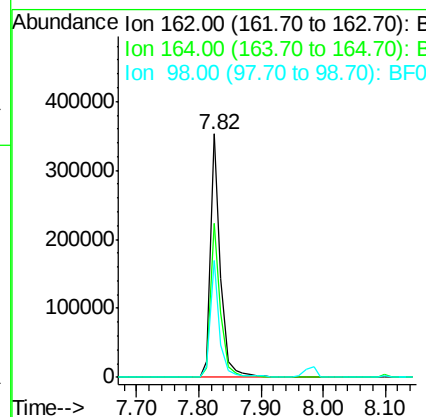
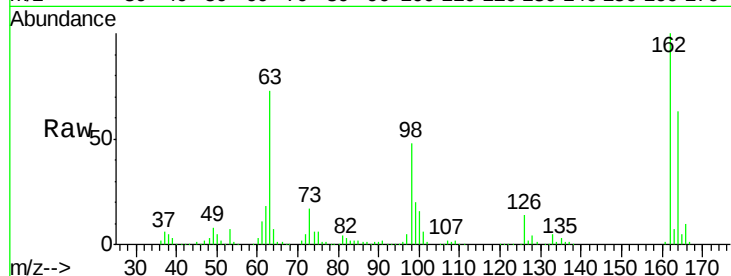
#29
 2,4-Dichlorophenol
 Concen: 41.76 ng
 RT: 7.82 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	394140		
164	63.1	44.4	84.4	
98	48.3	25.2	65.2	

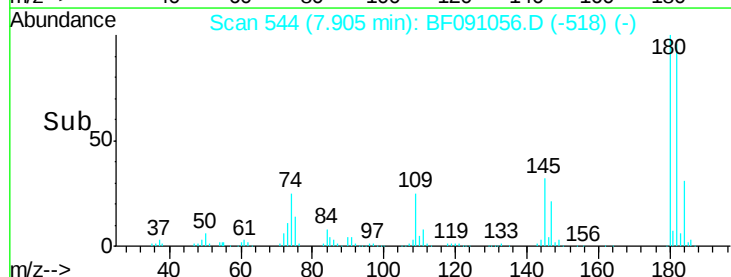
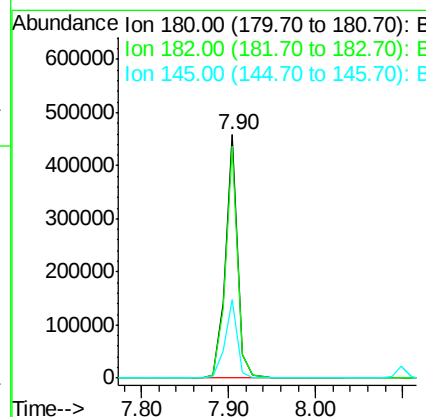
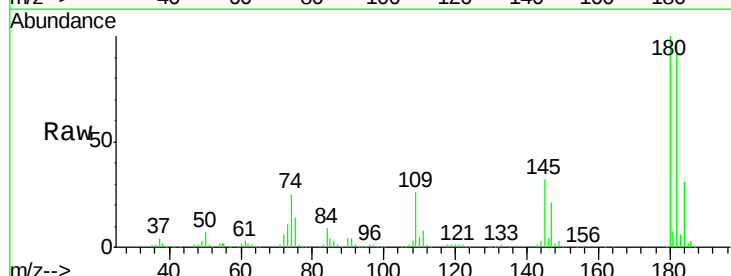
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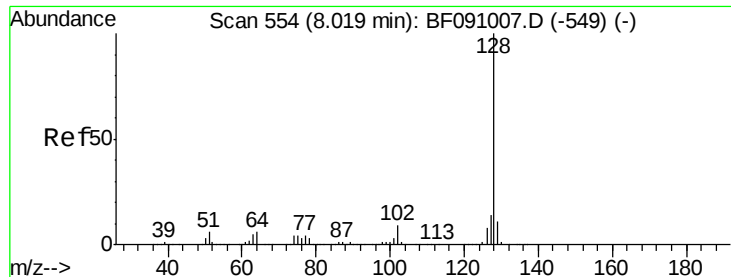
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.77 ng
 RT: 7.90 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	453886		
182	95.5	76.0	114.0	
145	32.0	25.8	38.8	





#31

Naphthalene

Concen: 41.11 ng

RT: 7.98 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:128 Resp: 1500467

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

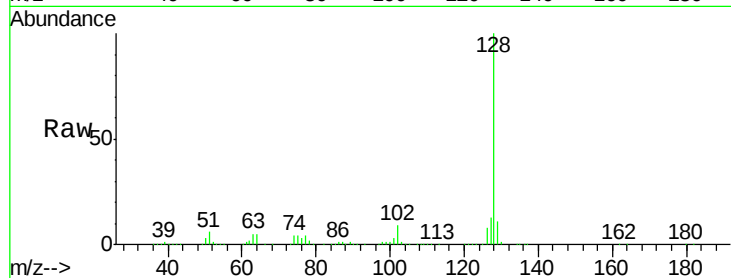
127 13.3 10.9 16.3

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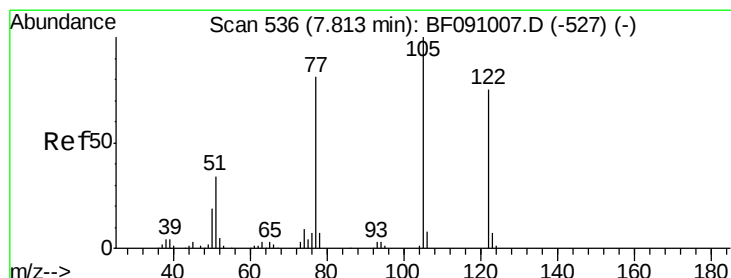
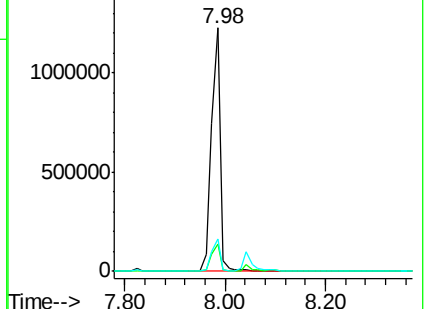
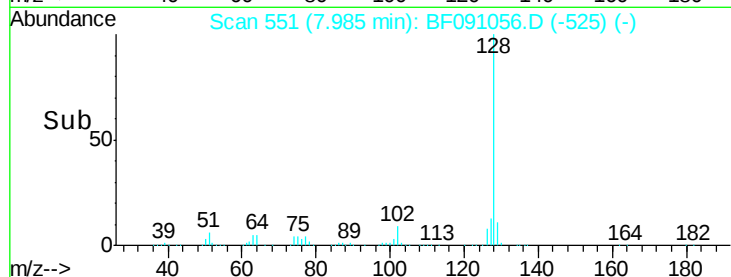
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.64 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

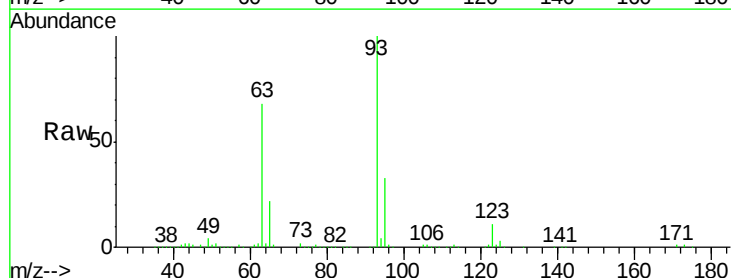
Tgt Ion:122 Resp: 14760

Ion Ratio Lower Upper

122 100

105 111.4 105.9 145.9

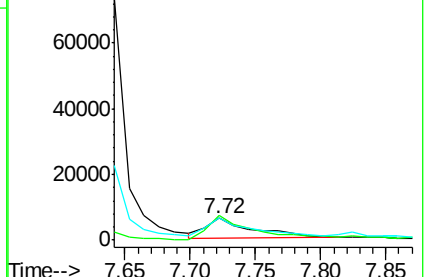
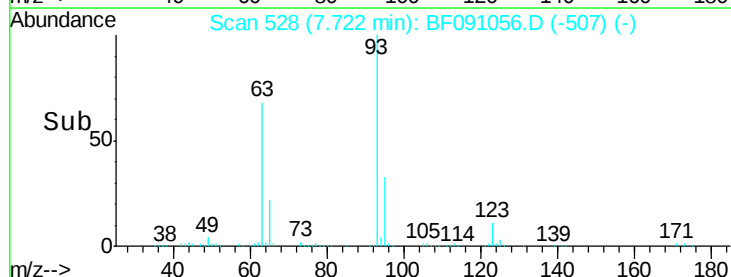
77 103.4 84.0 124.0

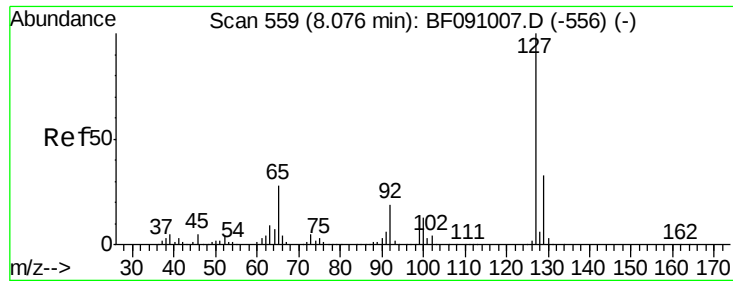


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





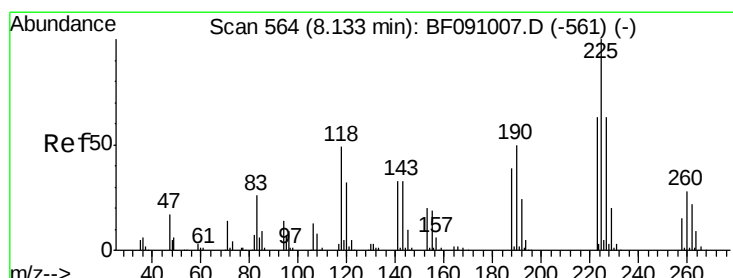
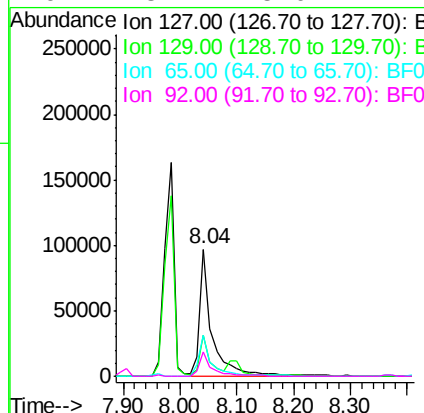
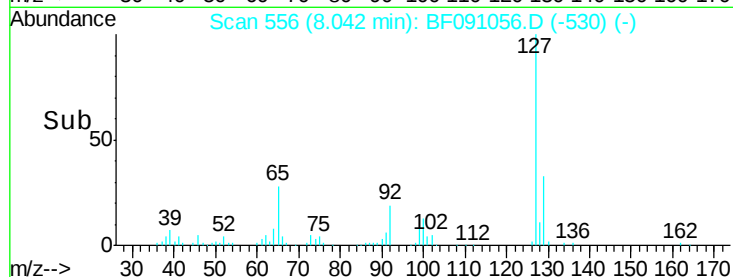
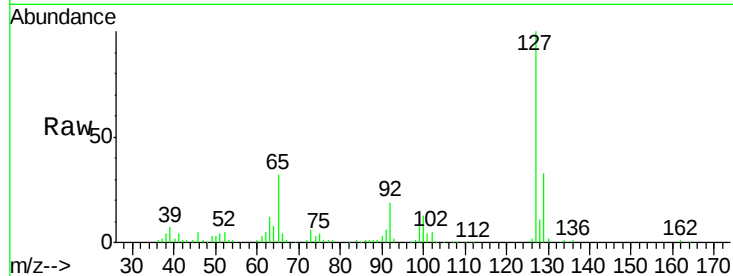
#33
4-Chloroaniline
Concen: 9.41 ng
RT: 8.04 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	32.1	22.2	33.2
92	18.7	15.0	22.4

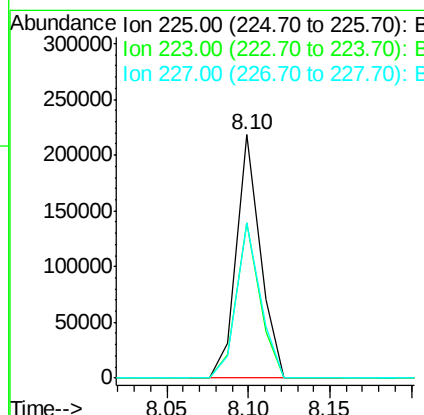
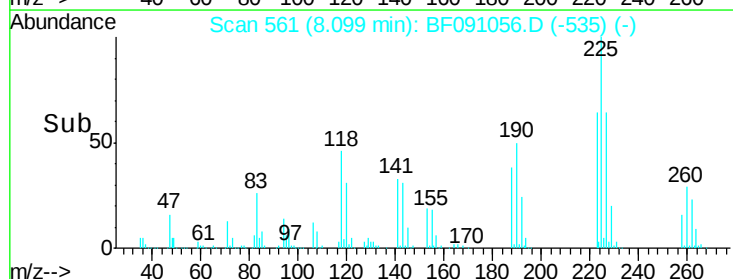
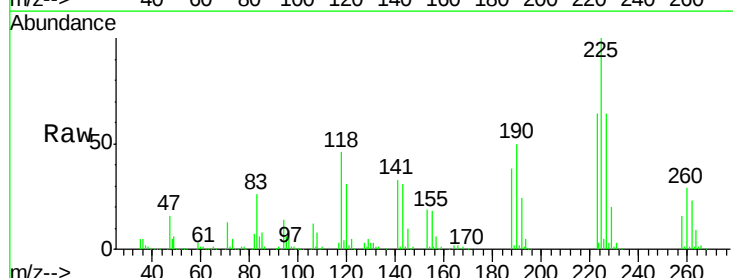
Manual Integrations
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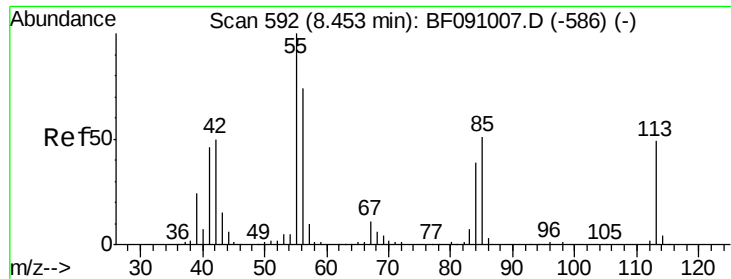
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#34
Hexachlorobutadiene
Concen: 38.51 ng
RT: 8.10 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.9	50.1	75.1





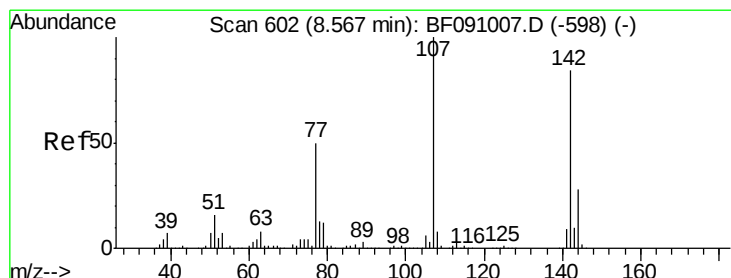
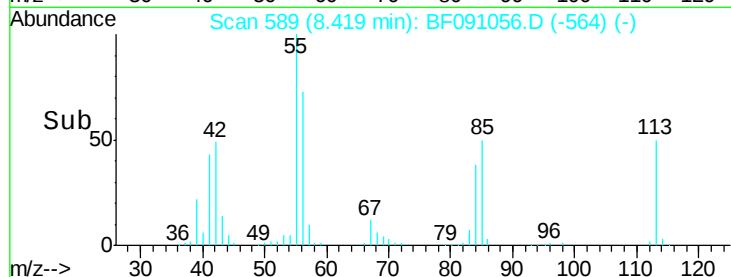
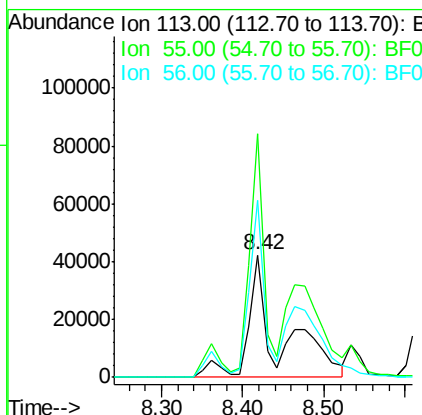
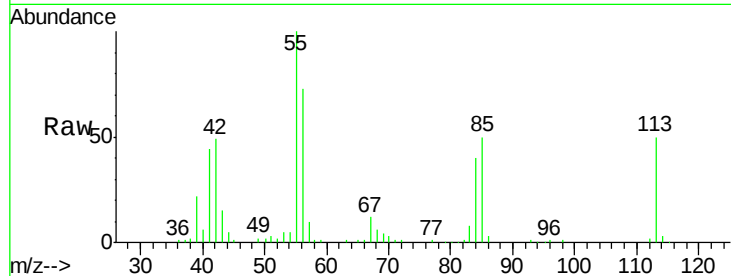
#35
 Caprolactam
 Concen: 37.33 ng/ml
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.8	184.1	224.1
56	145.0	132.0	172.0

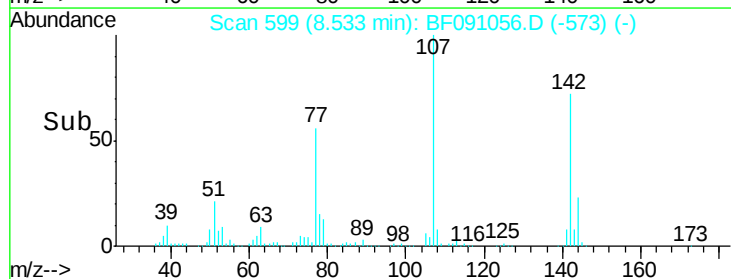
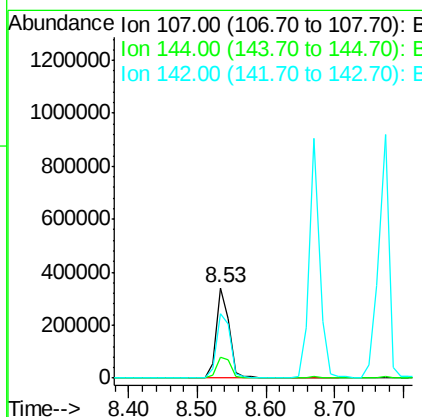
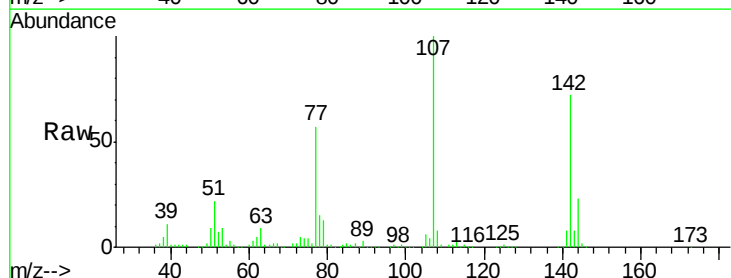
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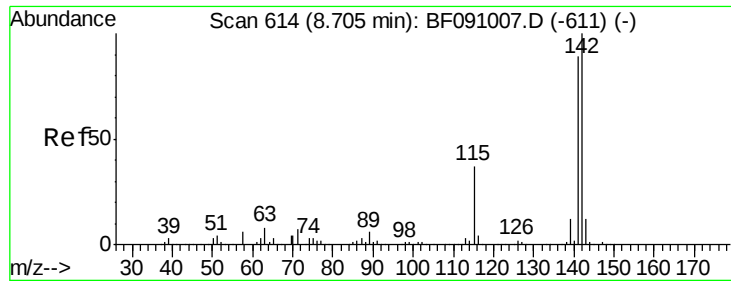
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#36
 4-Chloro-3-methylphenol
 Concen: 40.35 ng
 RT: 8.53 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	22.5	33.7
142	71.7	67.4	101.2





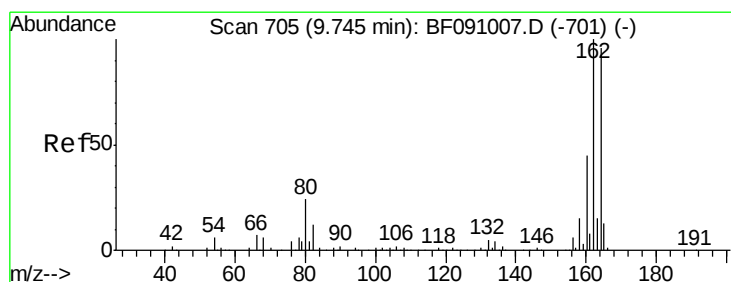
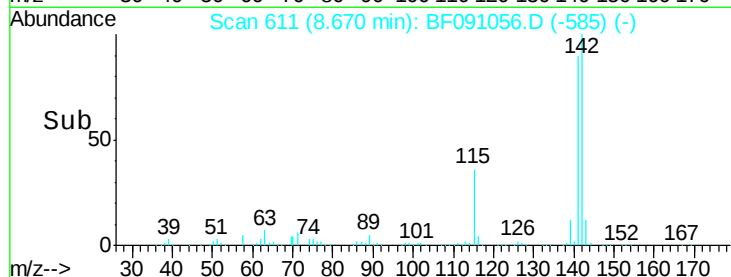
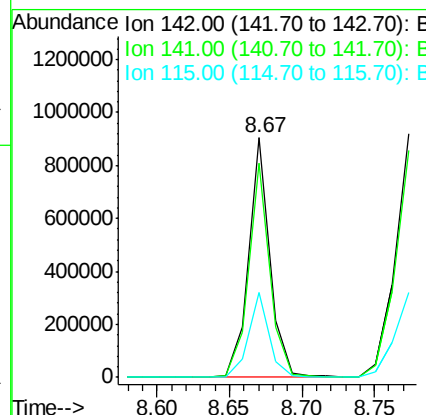
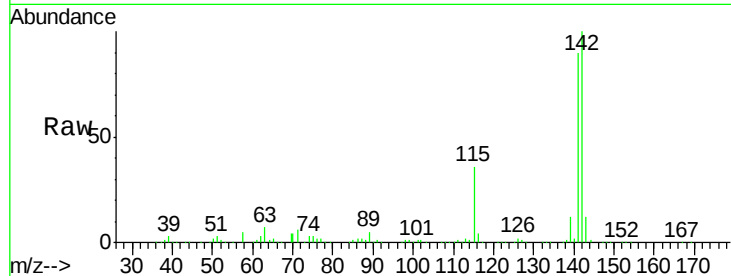
#37
2-Methylnaphthalene
Concen: 39.19 ng
RT: 8.67 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	35.6	29.9	44.9

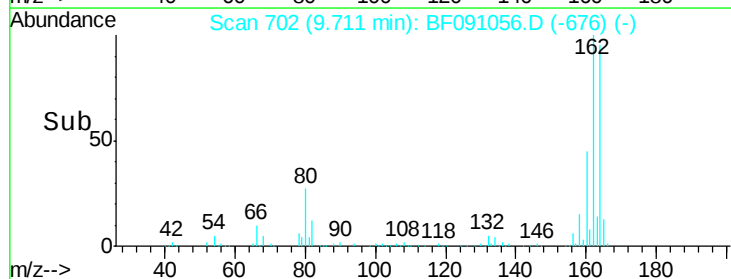
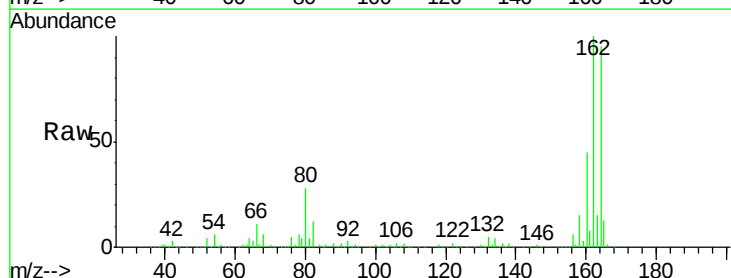
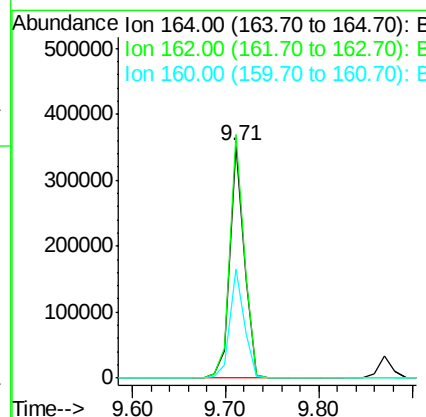
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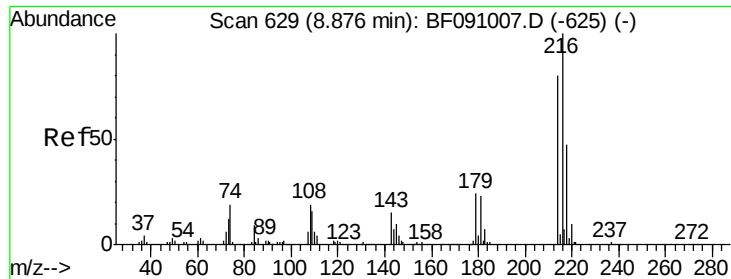
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.6	125.4
160	47.2	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.93 ng

RT: 8.84 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

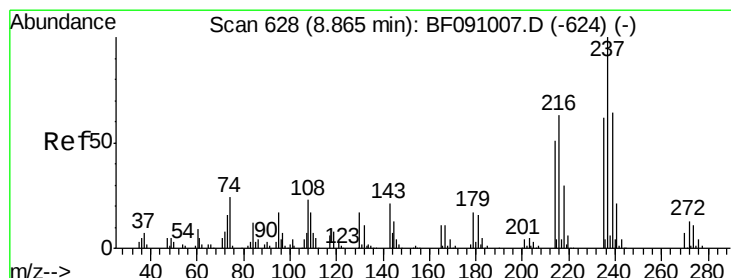
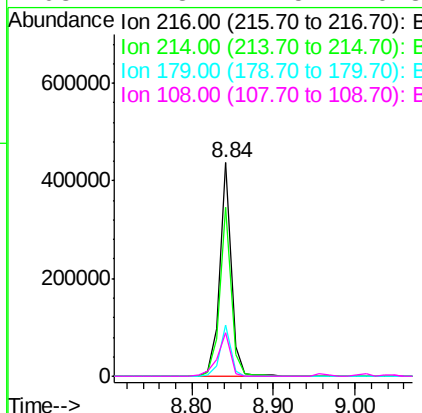
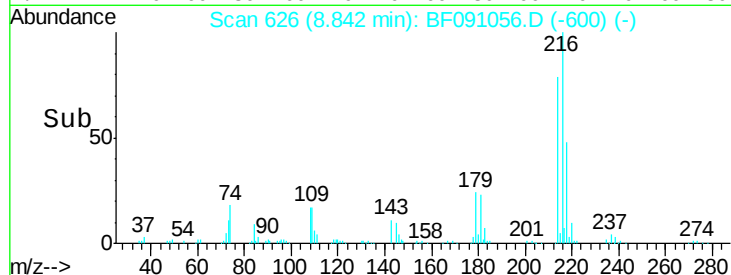
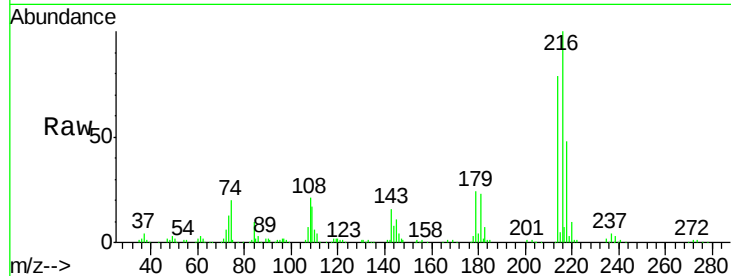
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:	216	Resp:	426014
Ion Ratio		Lower	Upper
216	100		
214	78.6	63.5	95.3
179	23.2	19.1	28.7
108	22.8	17.5	26.3

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#40

Hexachlorocyclopentadiene

Concen: 96.23 ng

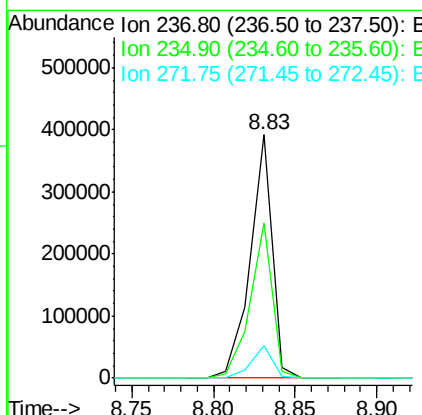
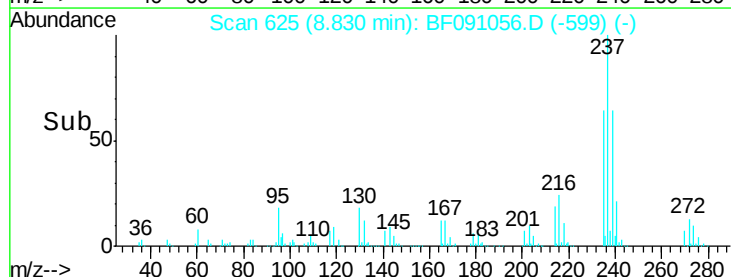
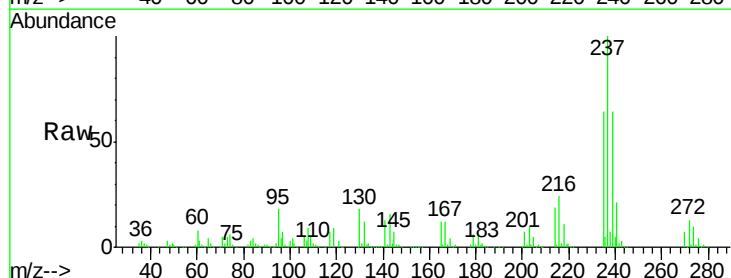
RT: 8.83 min Scan# 625

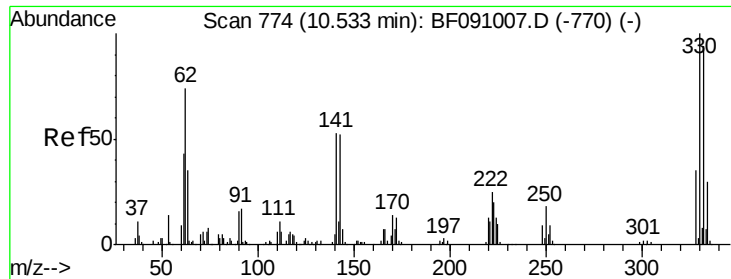
Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:	237	Resp:	367722
Ion Ratio		Lower	Upper
237	100		
235	63.9	42.1	82.1
272	13.3	0.0	33.1





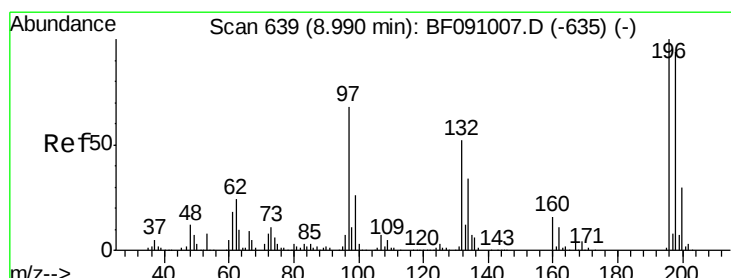
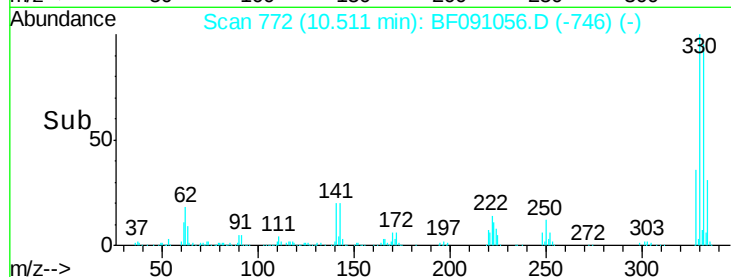
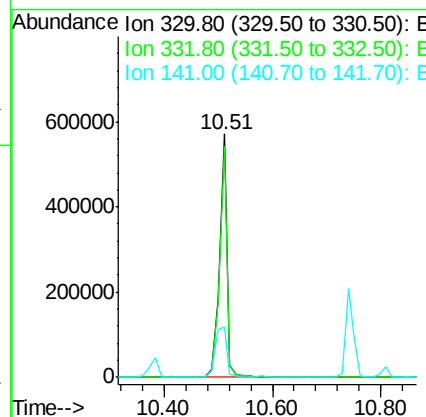
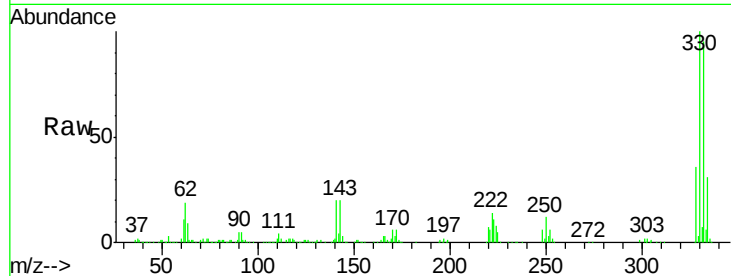
#41
 2,4,6-Tribromophenol
 Concen: 164.99 ng
 RT: 10.51 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	75.9	113.9	
141	31.0	36.1	54.1#	

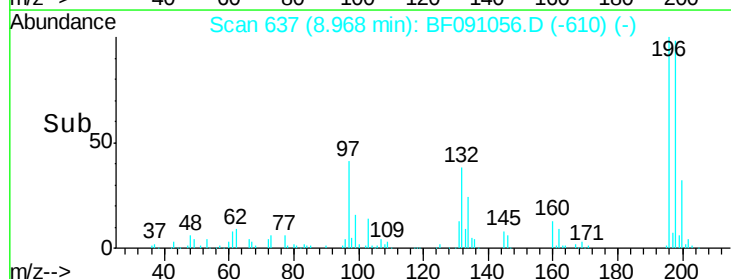
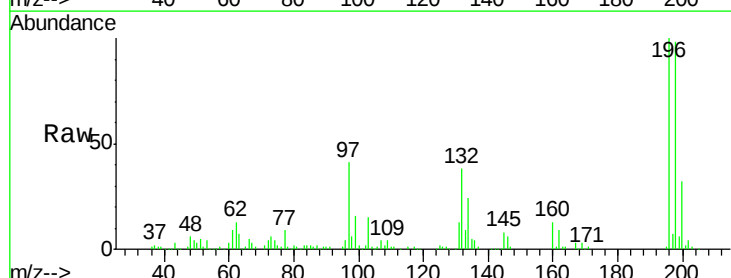
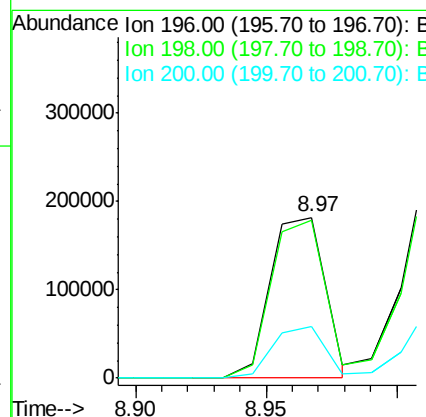
Manual Integrations
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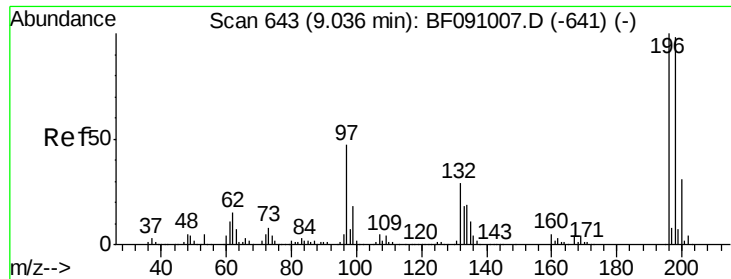
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#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 8.97 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.9	75.4	113.0	
200	31.8	24.1	36.1	





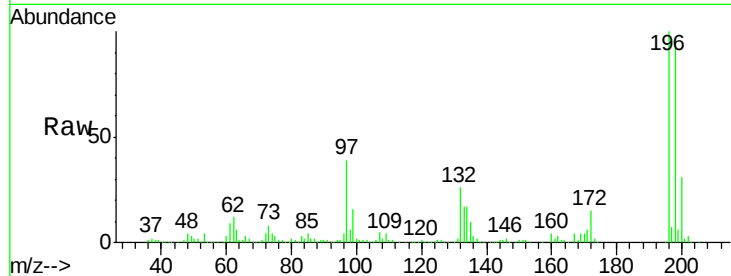
#43
2,4,5-Trichlorophenol
Concen: 46.10 ng
RT: 9.01 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

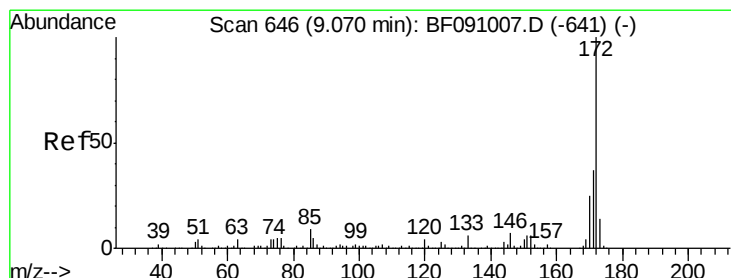
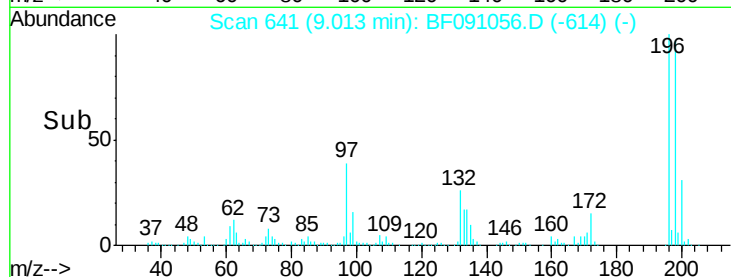
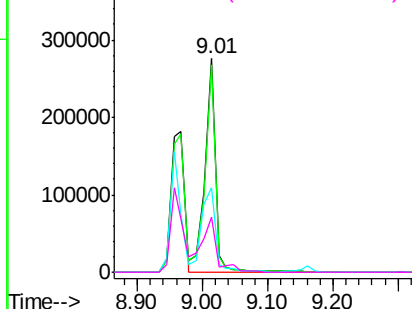
Tot Ion	Ratio	Resp	Lower	Upper
196	100	303037		
198	97.2	78.2	117.4	
97	39.5	38.8	58.2	
132	25.5	23.5	35.3	

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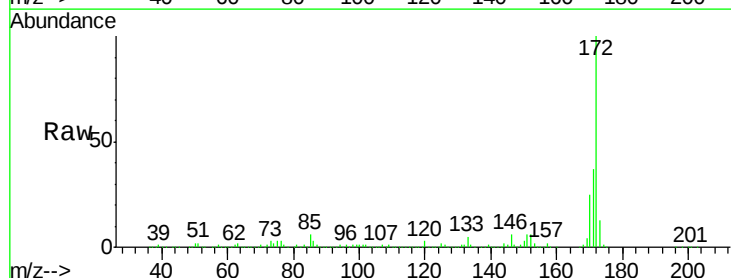


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

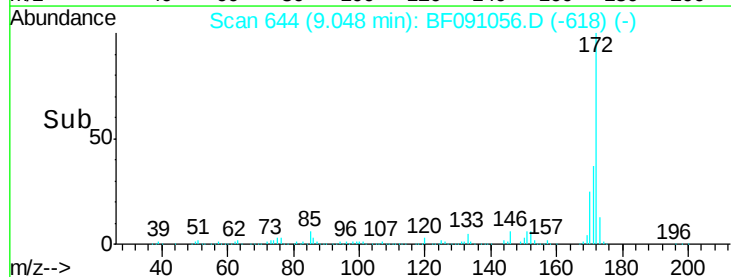
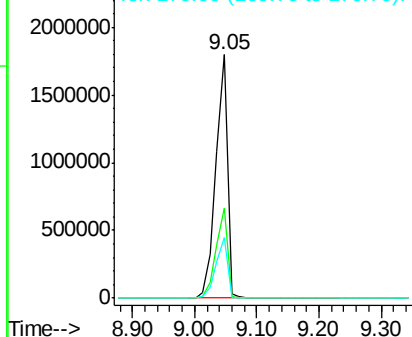


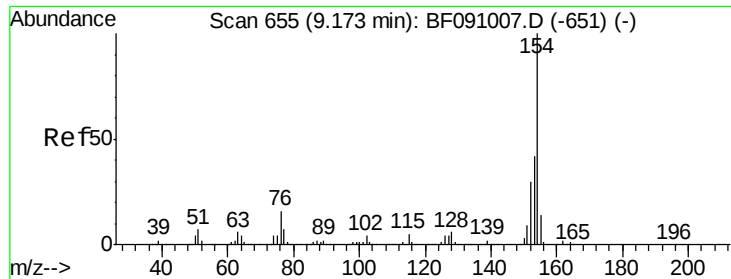
#44
2-Fluorobiphenyl
Concen: 102.50 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2264664		
171	37.1	29.8	44.6	
170	25.0	20.3	30.5	



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





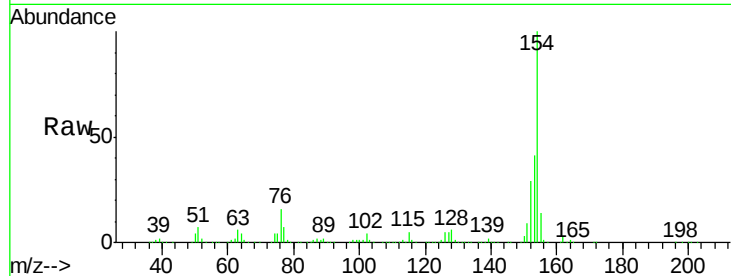
#45
 1,1'-Biphenyl
 Concen: 39.37 ng
 RT: 9.14 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.6	61.6
76	16.1	0.0	36.2

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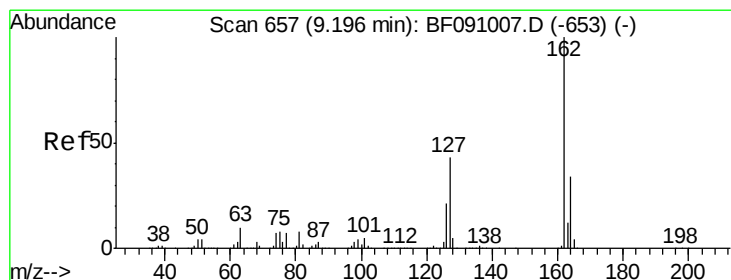
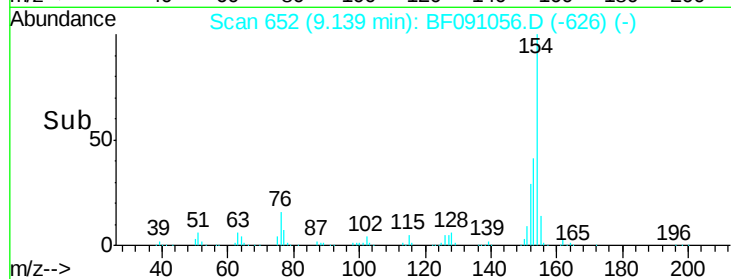
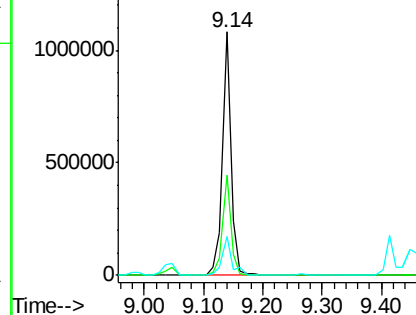


Abundance

Ion 154.00 (153.70 to 154.70): E

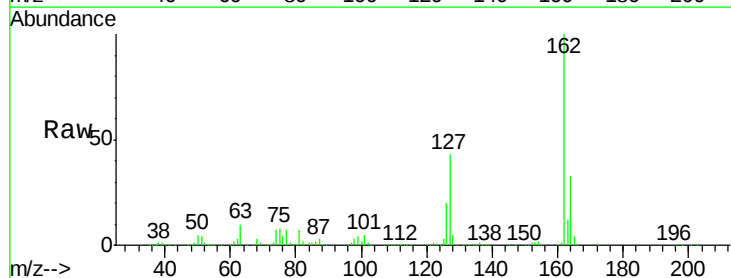
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 42.03 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	34.7	52.1
164	33.3	27.0	40.4

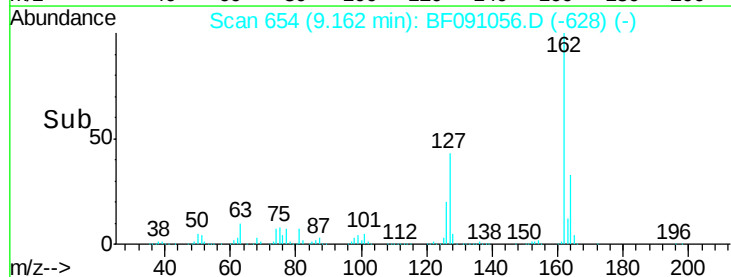
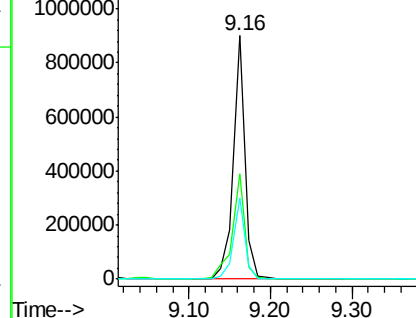


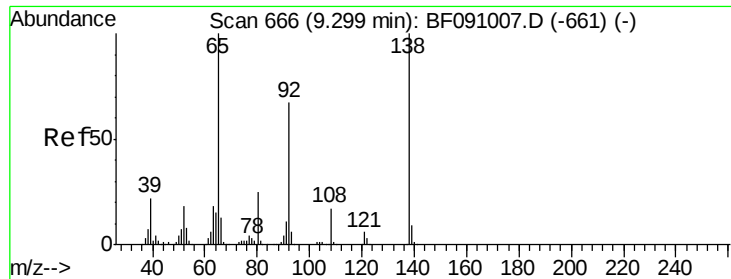
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.94 ng

RT: 9.26 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

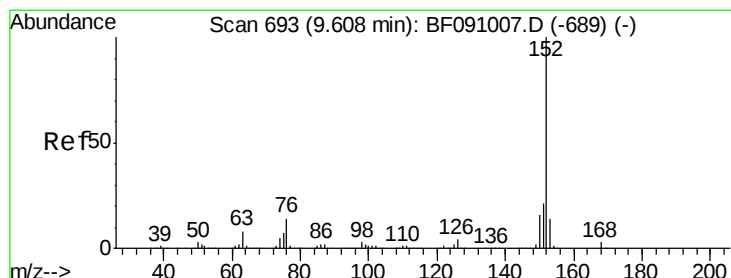
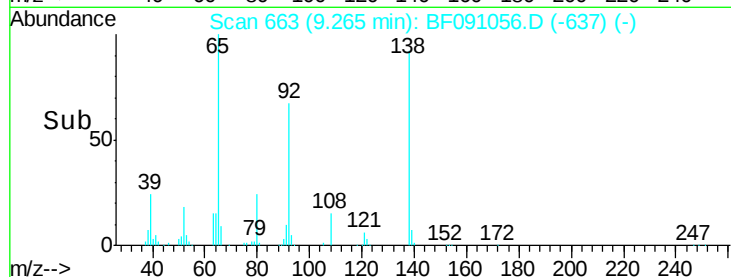
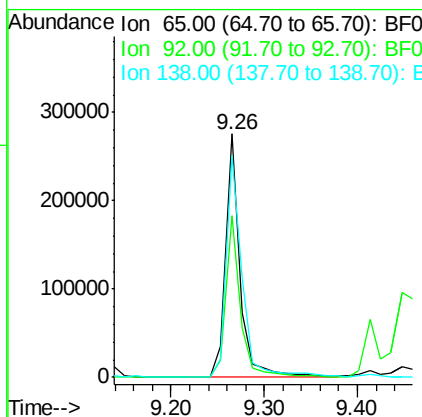
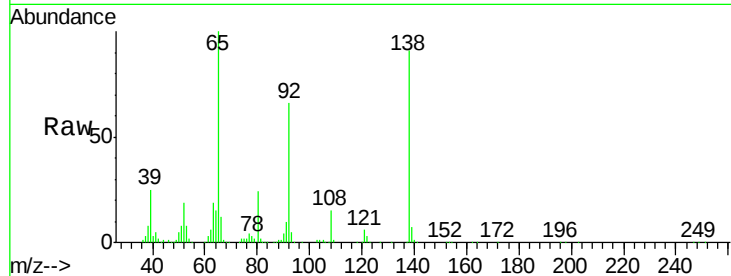
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:	65	Resp:	296928
Ion Ratio	Lower	Upper	
65	100		
92	66.3	53.9	80.9
138	91.3	80.1	120.1

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#48

Acenaphthylene

Concen: 39.56 ng

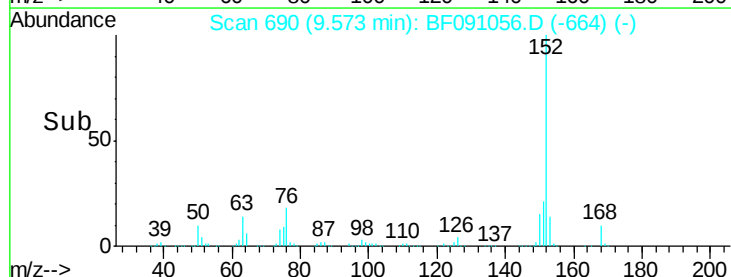
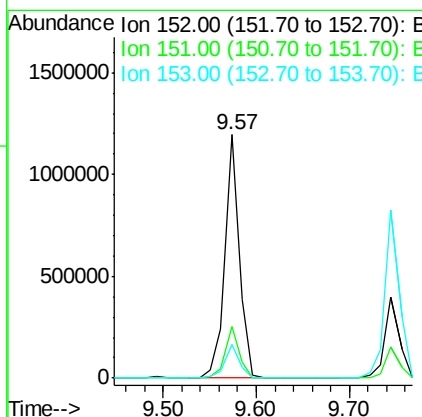
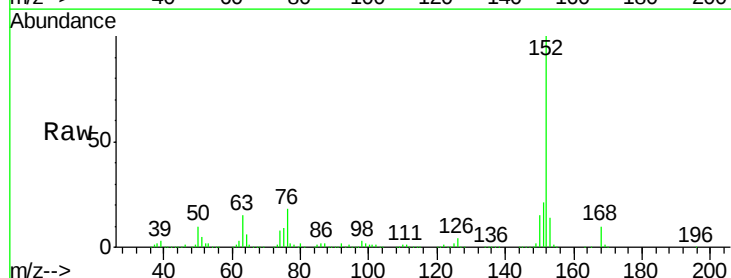
RT: 9.57 min Scan# 690

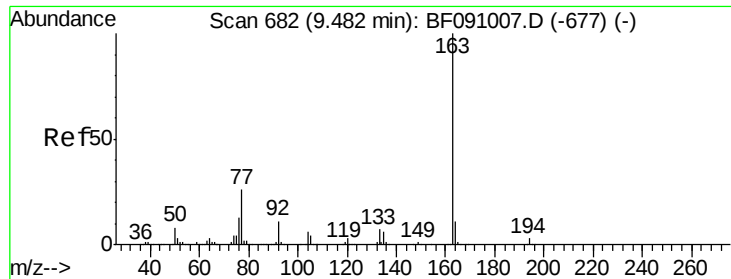
Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:	152	Resp:	1300108
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.7	25.1
153	14.0	11.1	16.7





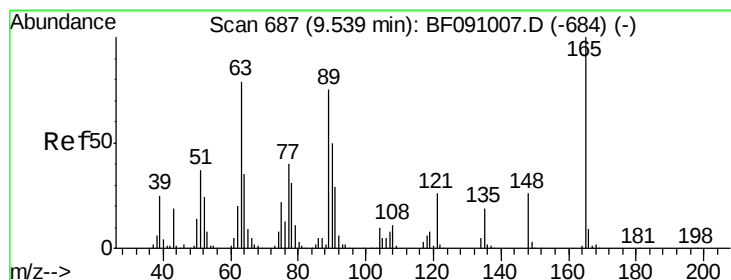
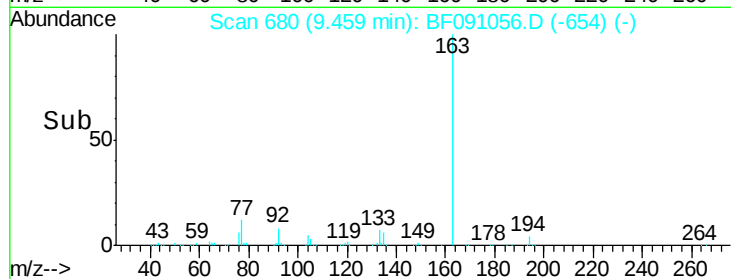
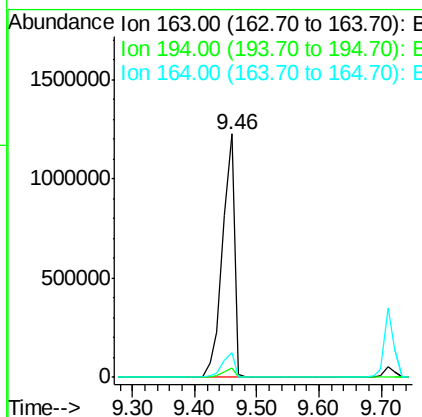
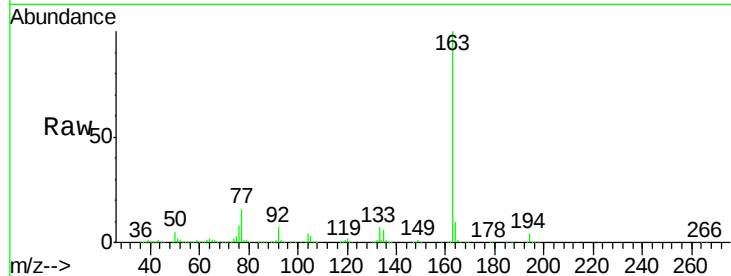
#49
Dimethylphthalate
Concen: 65.34 ng
RT: 9.46 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:163 Resp: 1629664
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.3 8.7 13.1

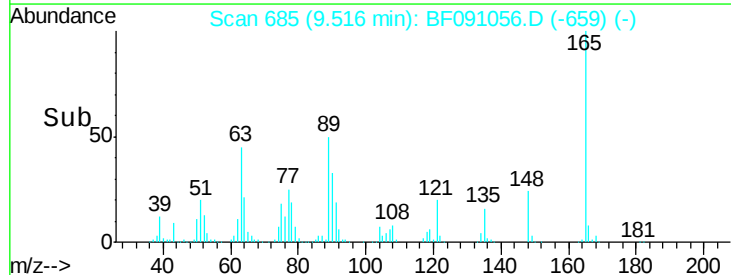
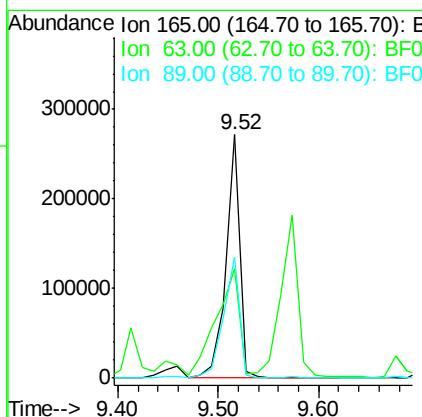
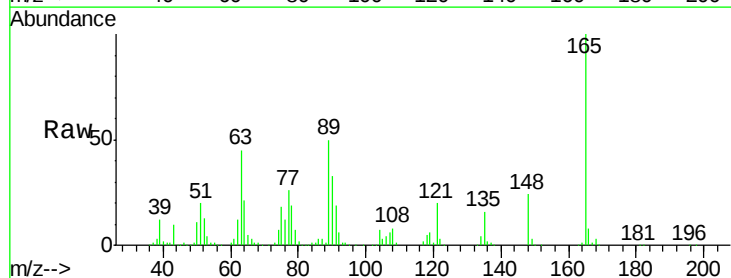
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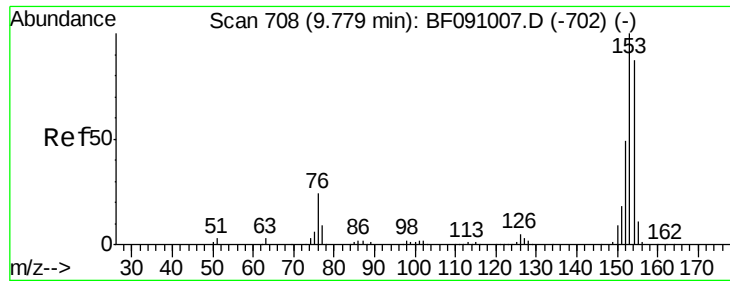
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#50
2,6-Dinitrotoluene
Concen: 48.67 ng
RT: 9.52 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion:165 Resp: 260173
Ion Ratio Lower Upper
165 100
63 44.9 65.6 98.4#
89 49.7 59.8 89.6#





#51

Acenaphthene

Concen: 37.65 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

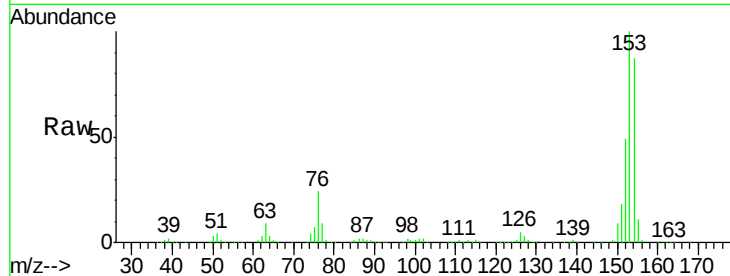
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

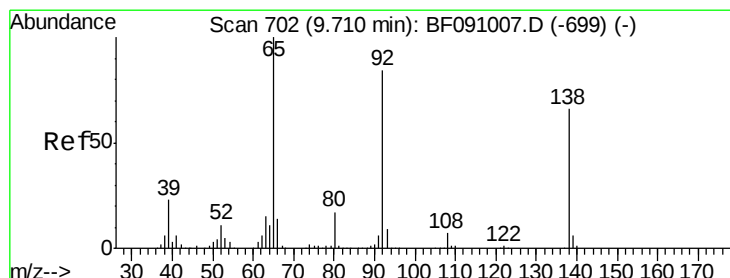
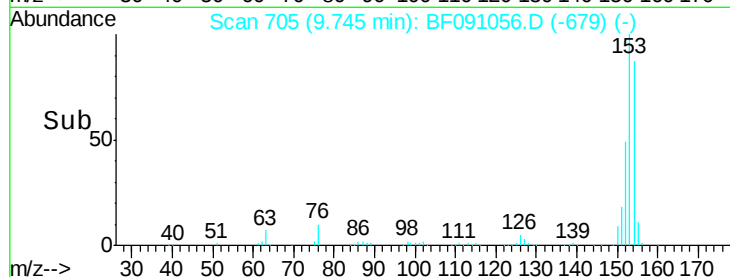
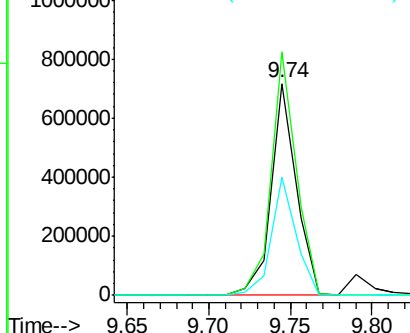
Tot Ion:	154	Resp:	776825
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.6	137.4
152	55.8	44.6	67.0

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



#52

3-Nitroaniline

Concen: 21.28 ng

RT: 9.68 min Scan# 699

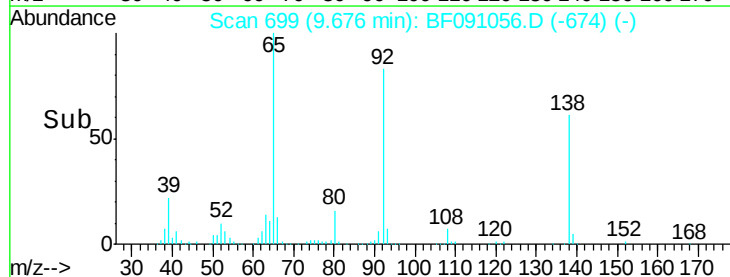
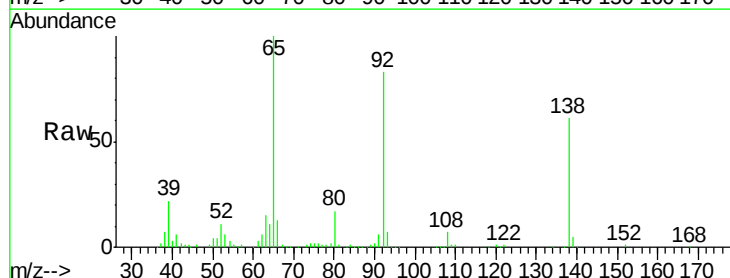
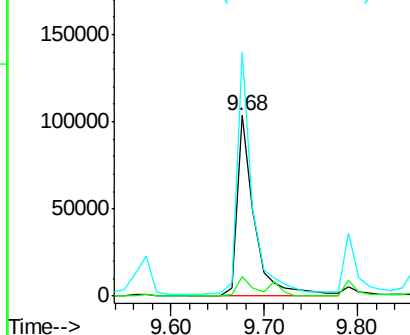
Delta R.T. -0.01 min

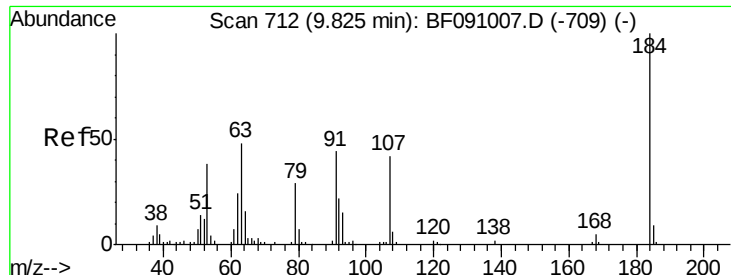
Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:	138	Resp:	134915
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.4	12.6
92	134.8	101.1	151.7

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





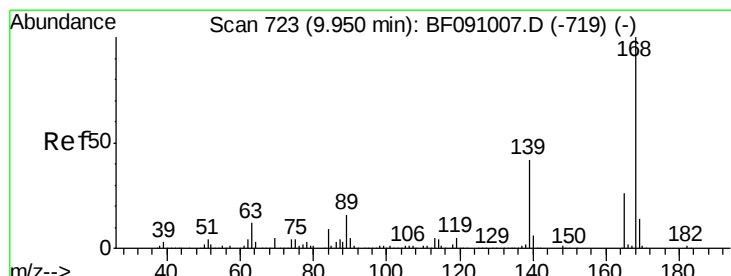
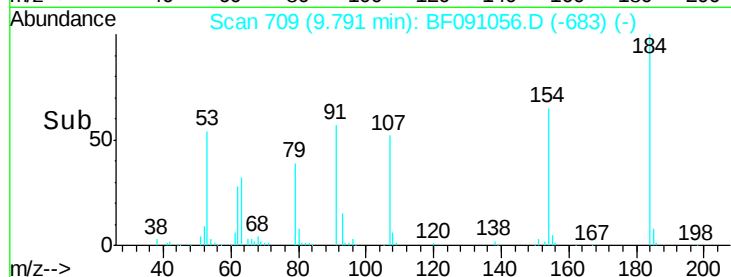
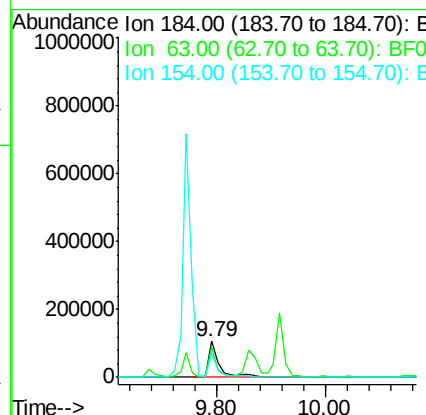
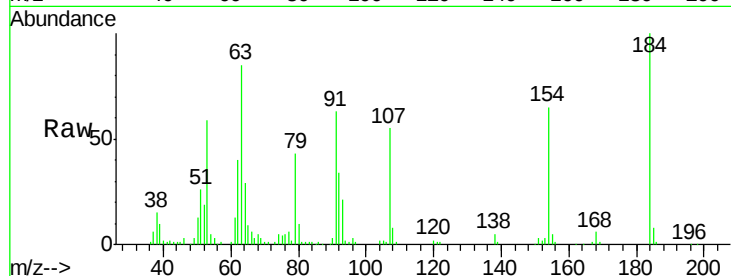
#53
 2,4-Dinitrophenol
 Concen: 51.21 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	141998		
63	84.6	45.5	68.3	
154	65.0	51.0	76.4	

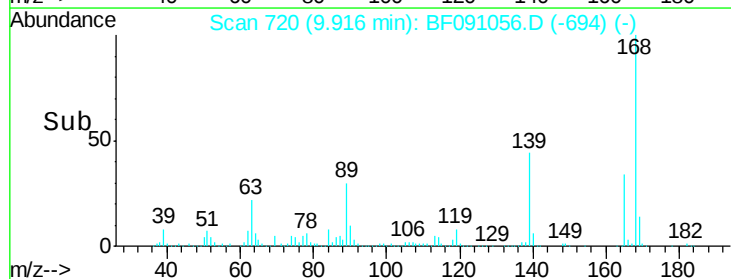
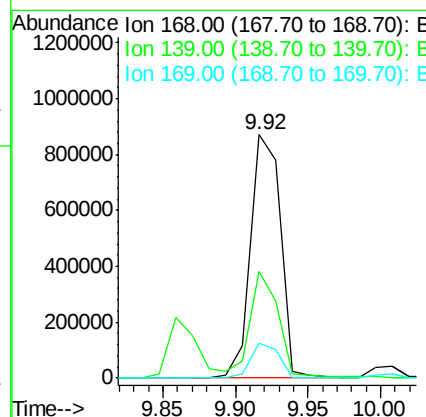
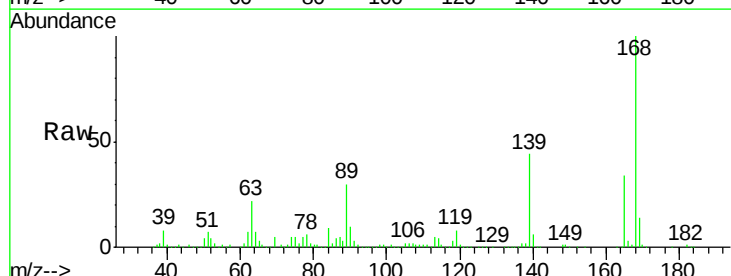
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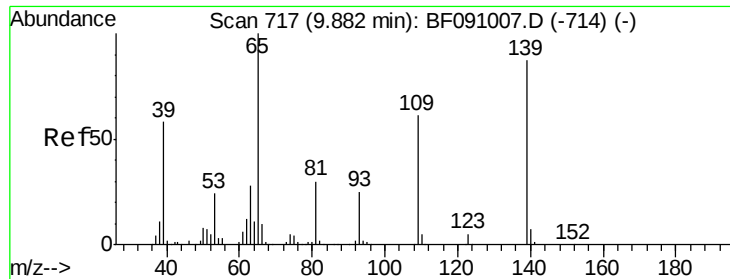
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#54
 Dibenzofuran
 Concen: 44.90 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1247048		
139	43.8	34.8	52.2	
169	14.3	11.4	17.2	





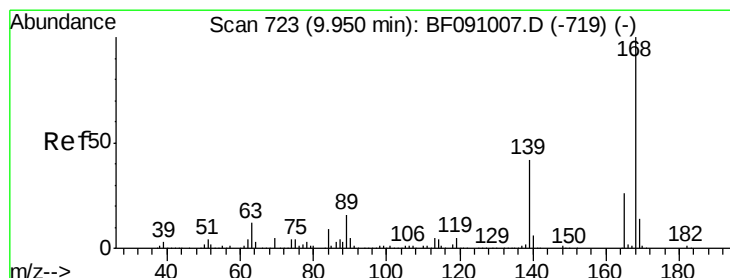
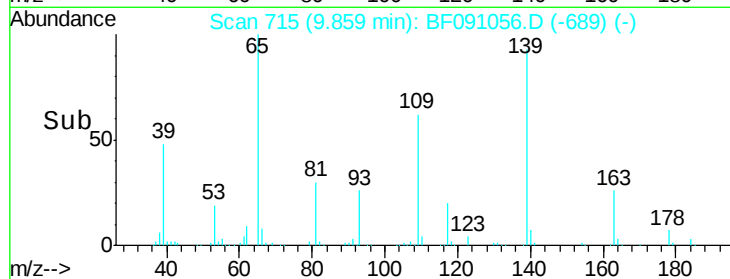
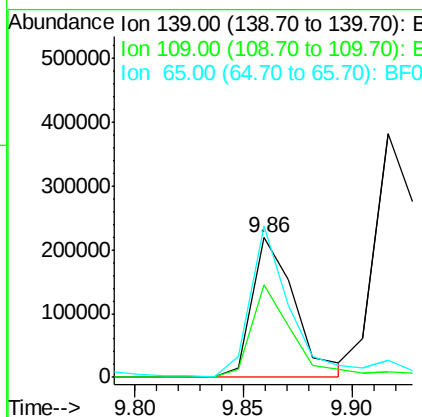
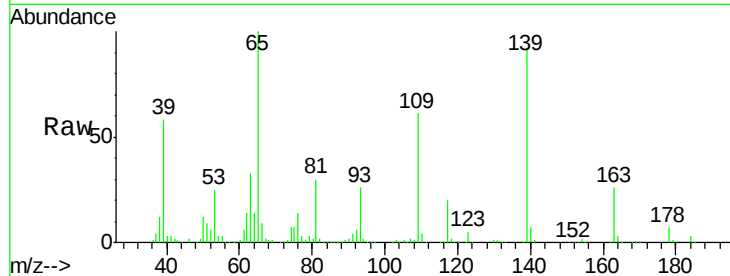
#55
4-Nitrophenol
Concen: 72.30 ng
RT: 9.86 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	302714		
109	66.8	50.5	90.5	
65	108.9	97.1	137.1	

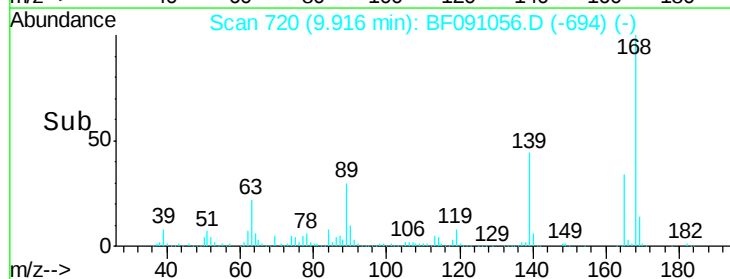
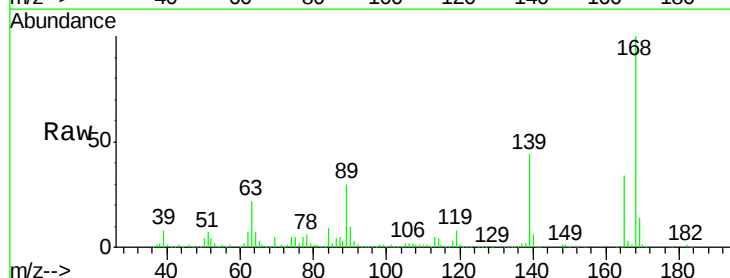
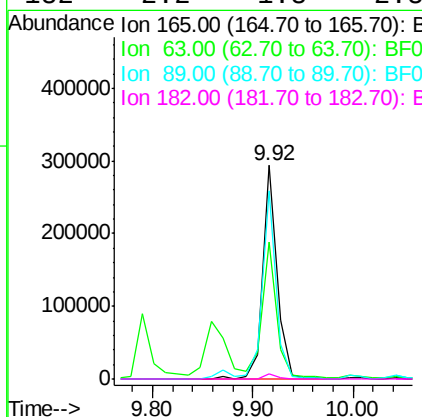
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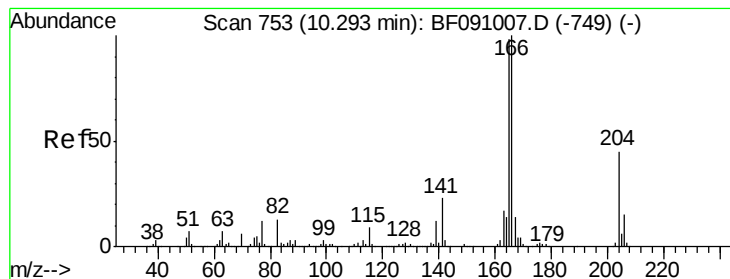
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#56
2,4-Dinitrotoluene
Concen: 42.87 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	291580		
63	64.4	38.7	58.1#	
89	88.3	50.6	76.0#	
182	2.2	1.8	2.8	





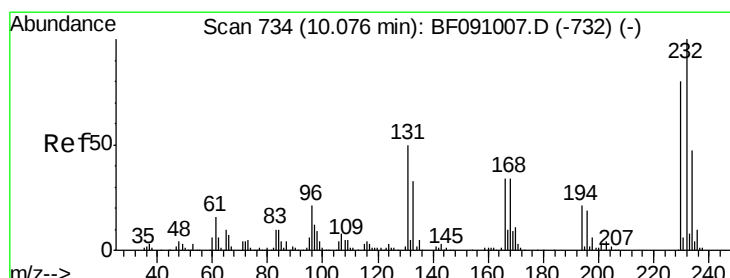
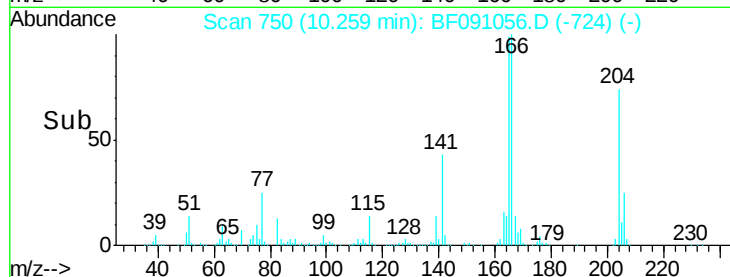
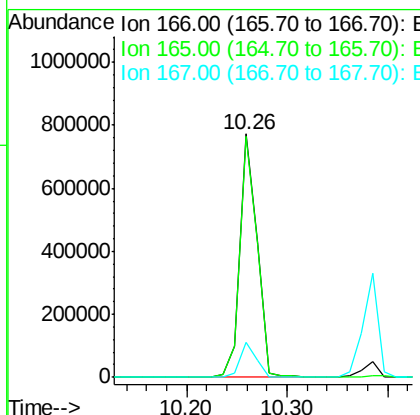
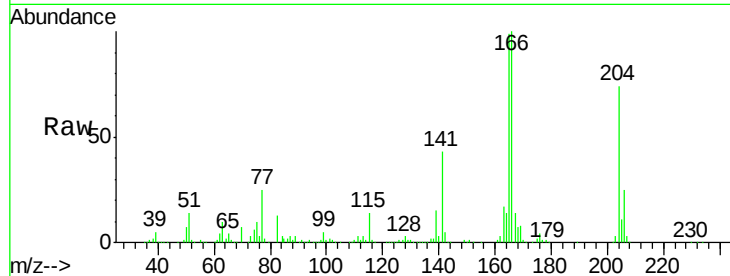
#57
Fluorene
 Concen: 40.47 ng
 RT: 10.26 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:	166	Resp:	918762
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.6	118.0
167	14.4	11.1	16.7

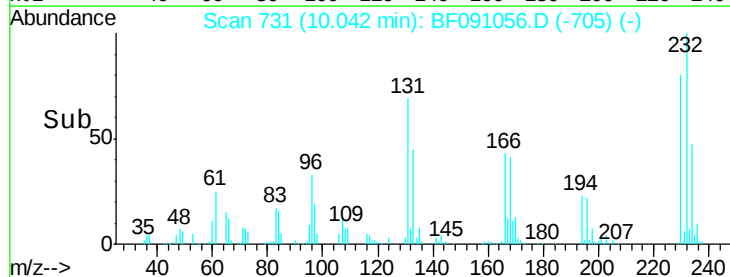
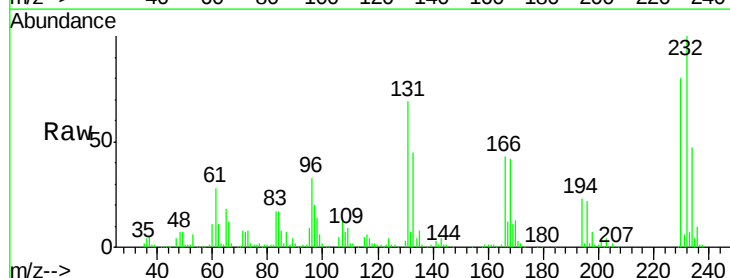
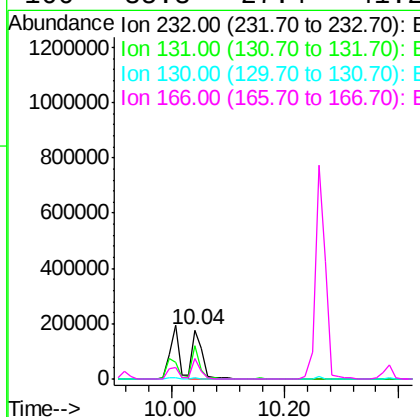
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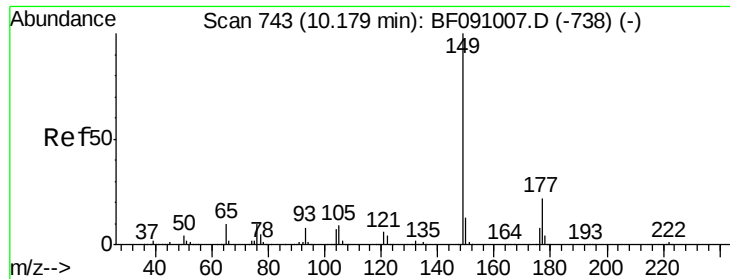
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 11/8/2016 4:31:47 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.53 ng
 RT: 10.04 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:	232	Resp:	218986
Ion Ratio	Lower	Upper	
232	100		
131	56.8	43.6	65.4
130	2.7	2.0	3.0
166	35.3	27.4	41.2





#59

Diethylphthalate

Concen: 43.24 ng

RT: 10.16 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:149 Resp: 1105687

Ion Ratio Lower Upper

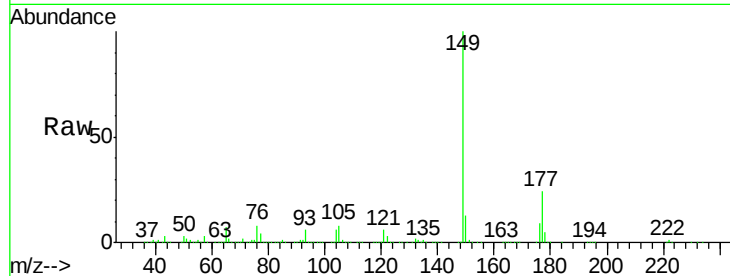
149 100

177 23.6 17.3 25.9

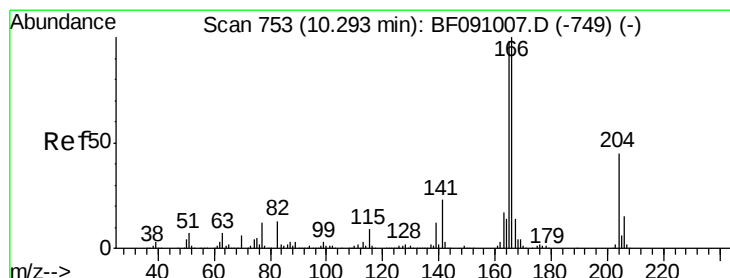
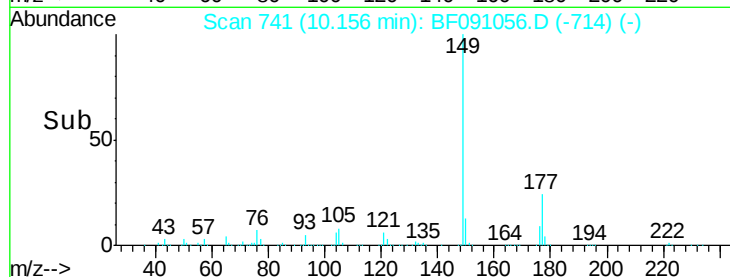
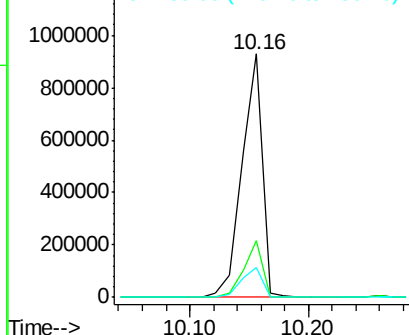
150 12.5 10.3 15.5

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



#60

4-Chlorophenyl-phenylether

Concen: 46.75 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

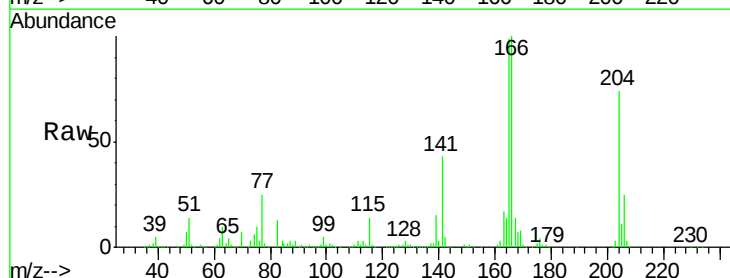
Tgt Ion:204 Resp: 482971

Ion Ratio Lower Upper

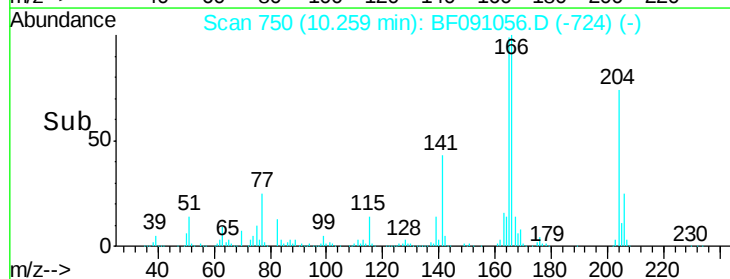
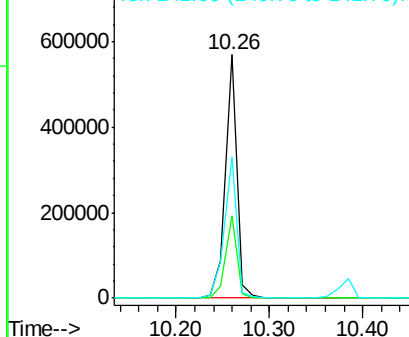
204 100

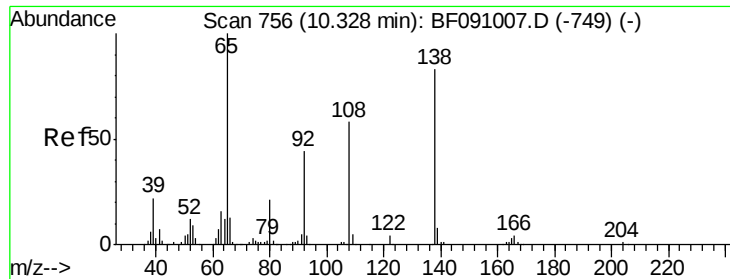
206 33.9 27.1 40.7

141 57.8 40.1 60.1



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





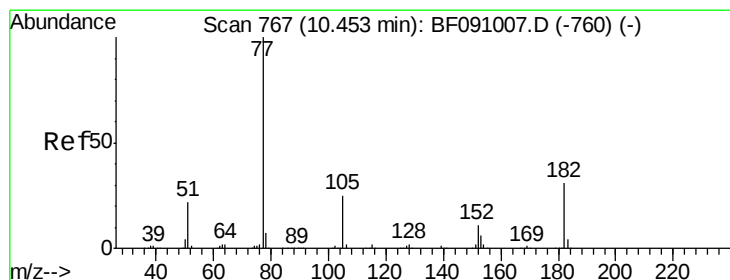
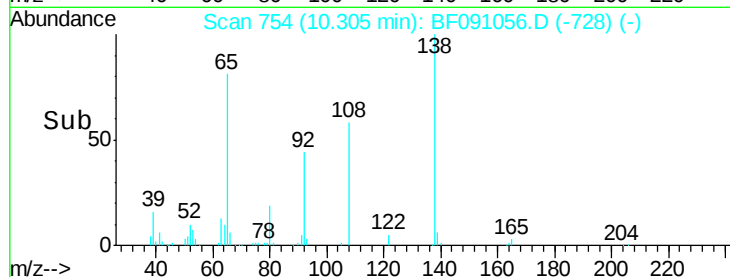
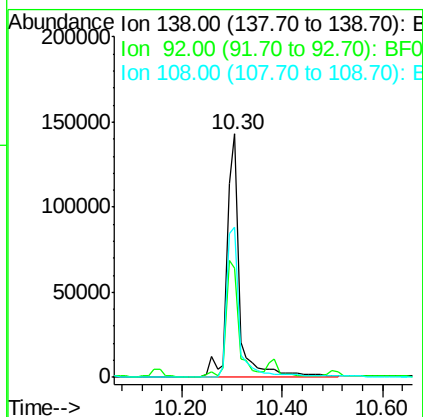
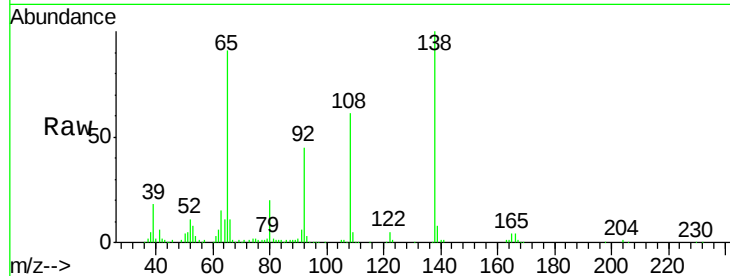
#61
4-Nitroaniline
Concen: 38.83 ng
RT: 10.30 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	248989		
92	45.0		32.5	72.5
108	61.5		49.4	89.4

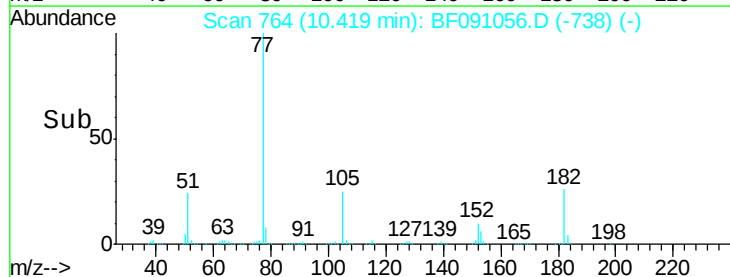
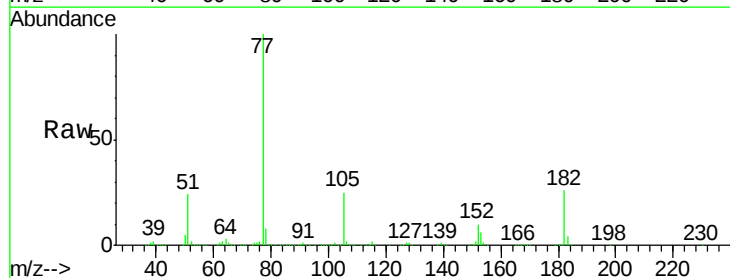
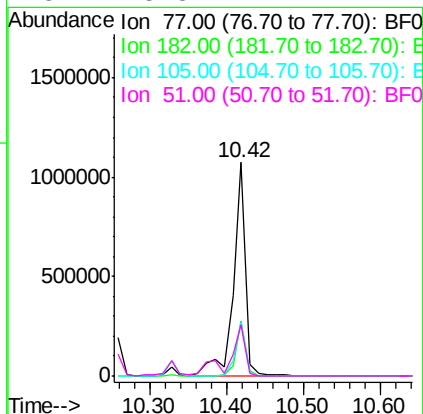
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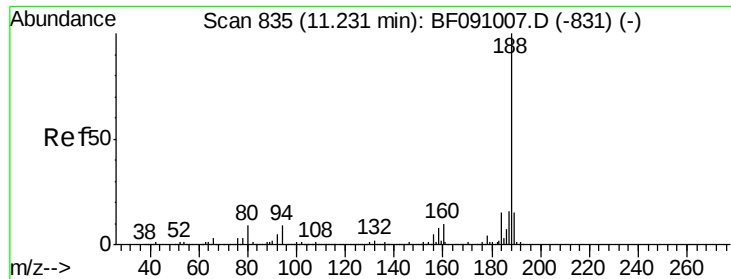
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#62
Azobenzene
Concen: 39.92 ng
RT: 10.42 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1201643		
182	25.6		11.0	51.0
105	25.2		5.6	45.6
51	23.8		2.7	42.7





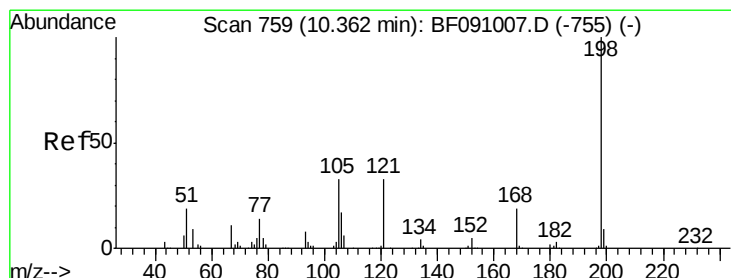
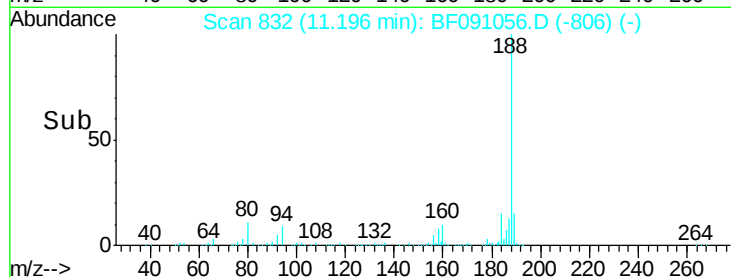
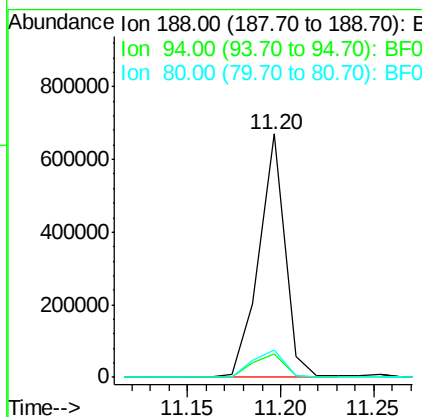
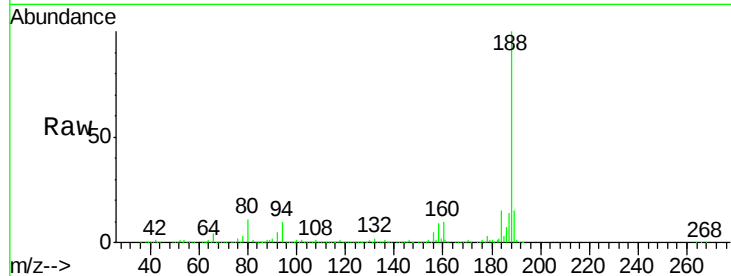
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	649436		
94	9.8		7.0	10.4
80	11.0		7.5	11.3

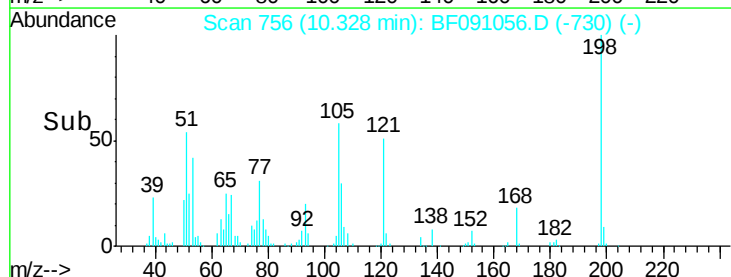
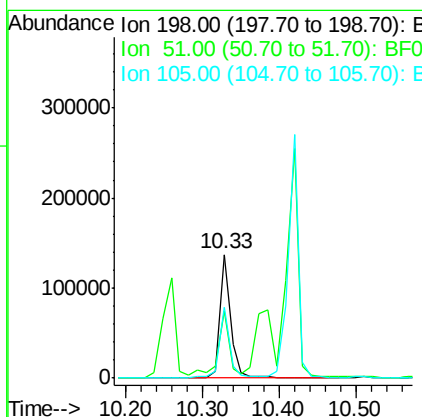
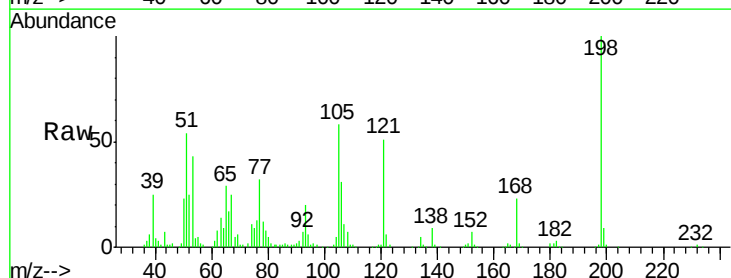
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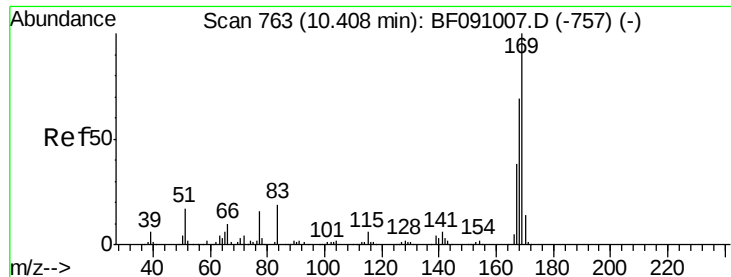
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.42 ng
RT: 10.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136871		
51	54.3		5.9	45.9#
105	57.8		13.8	53.8#





#65

n-Nitrosodiphenylamine

Concen: 44.31 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

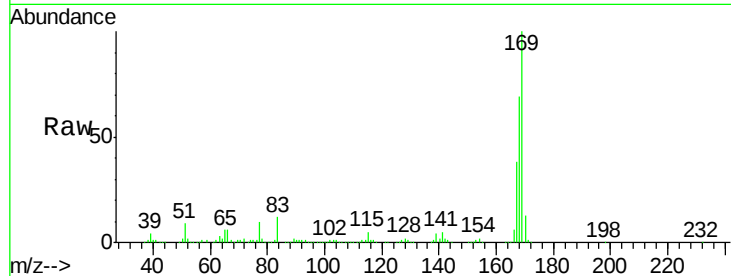
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

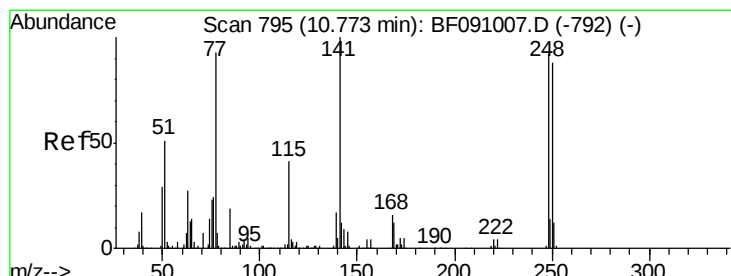
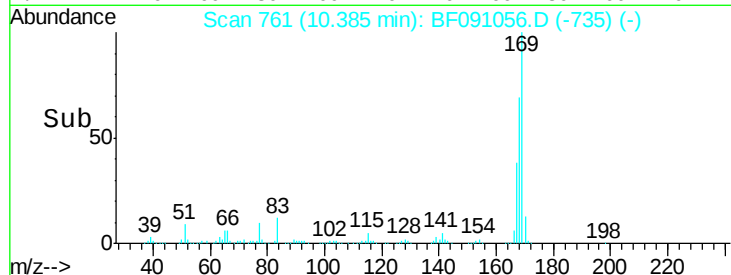
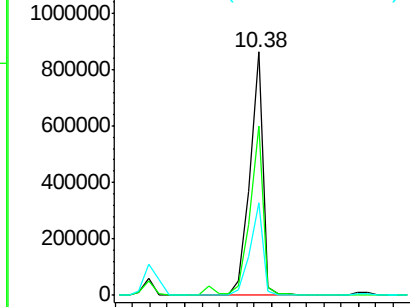
Tot Ion:	169	Resp:	914659
Ion Ratio	Lower	Upper	
169	100		
168	69.3	55.3	82.9
167	38.2	30.3	45.5

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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: 40.45 ng

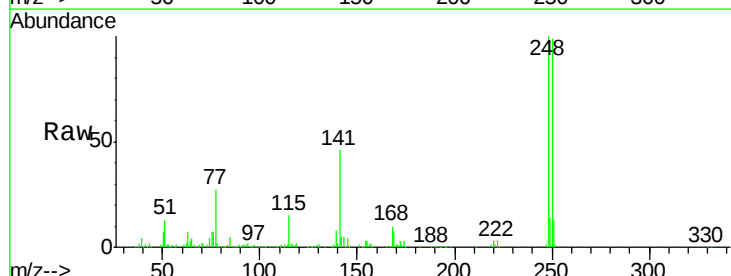
RT: 10.75 min Scan# 793

Delta R.T. 0.00 min

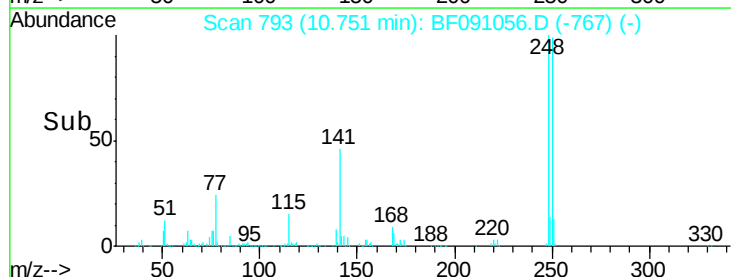
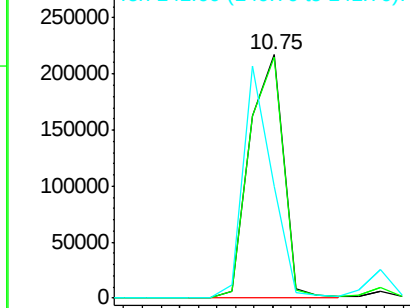
Lab File: BF091056.D

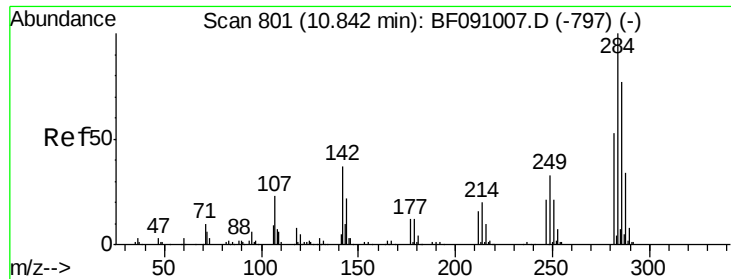
Acq: 7 Nov 2016 15:25

Tgt Ion:	248	Resp:	273267
Ion Ratio	Lower	Upper	
248	100		
250	98.9	76.3	114.5
141	45.9	86.8	130.2#



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





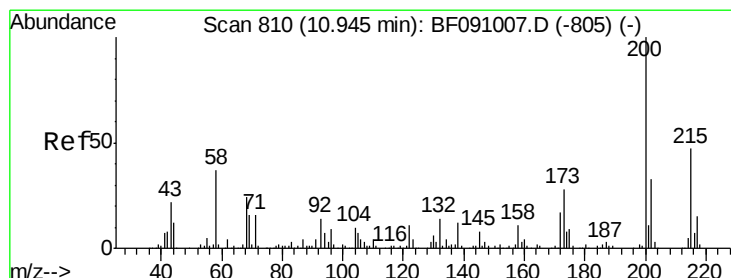
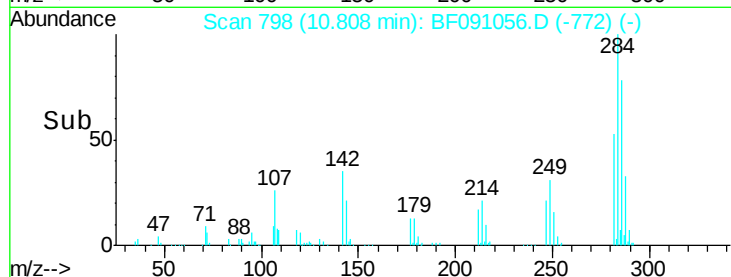
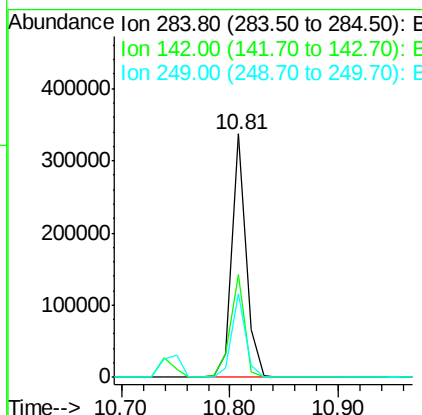
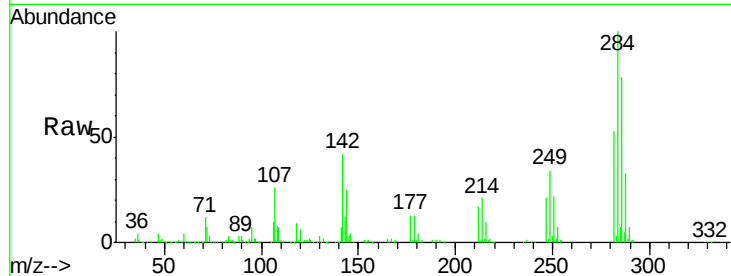
#67
Hexachlorobenzene
Concen: 40.71 ng
RT: 10.81 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.1	29.9	44.9	
249	34.3	26.6	39.8	

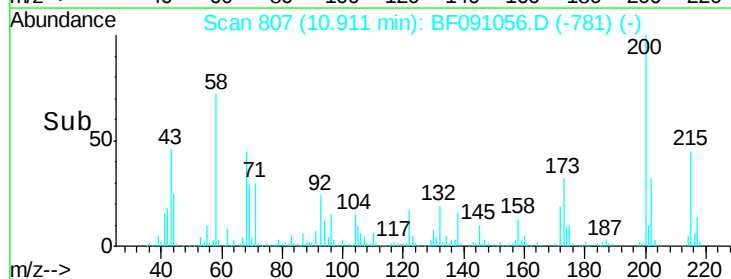
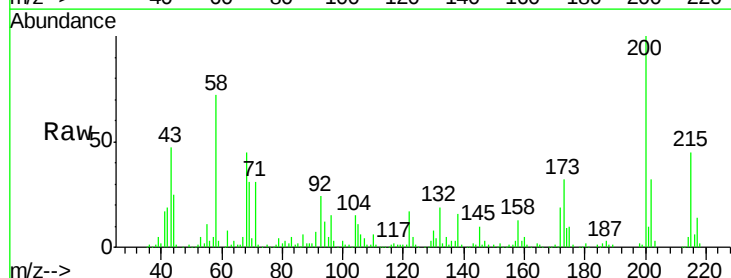
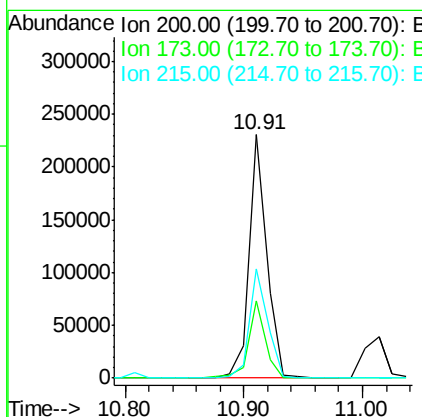
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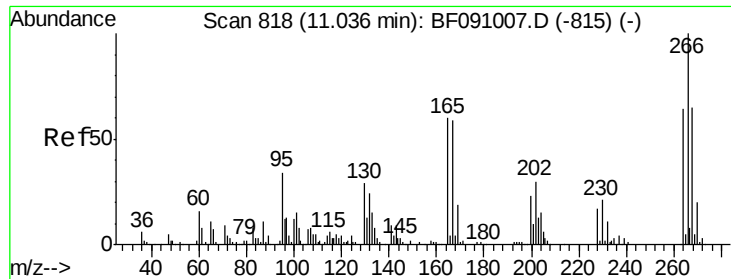
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#68
Atrazine
Concen: 40.65 ng
RT: 10.91 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.6	8.1	48.1	
215	44.8	27.3	67.3	





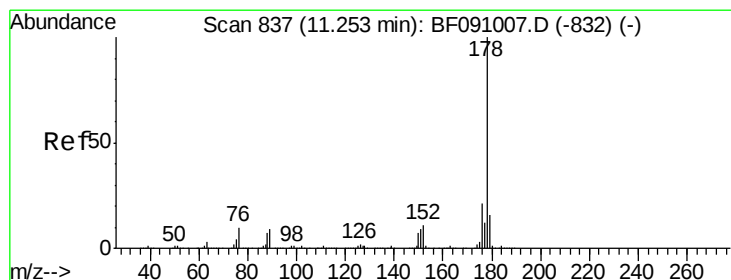
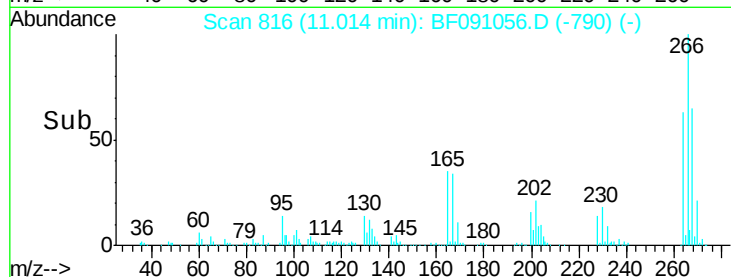
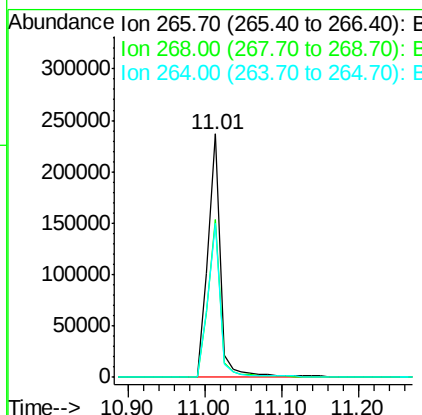
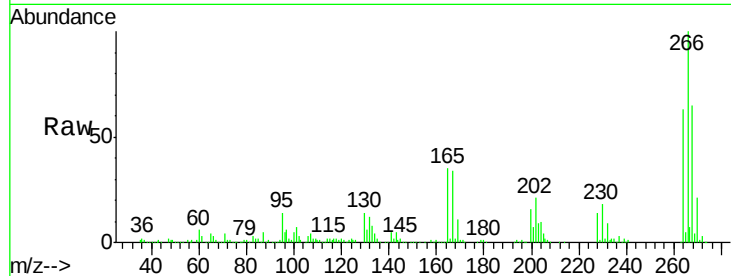
#69
 Pentachlorophenol
 Concen: 81.53 ng
 RT: 11.01 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.1	78.1
264	63.4	51.1	76.7

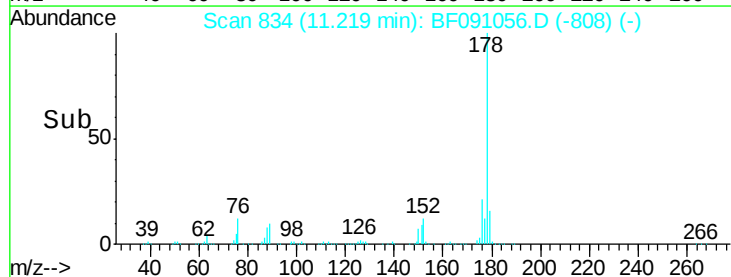
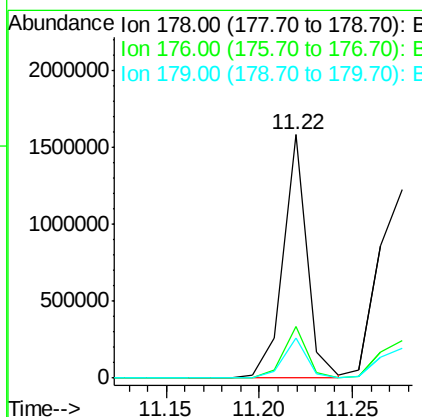
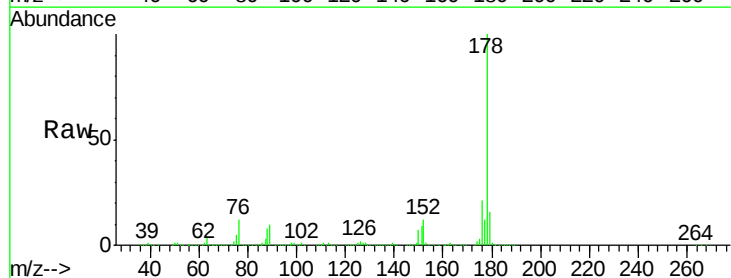
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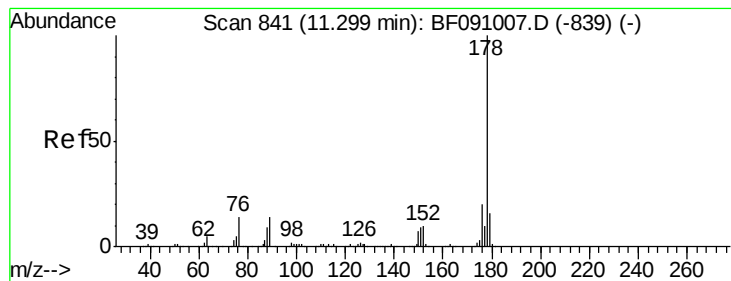
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#70
 Phenanthrene
 Concen: 40.75 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.4	12.9	19.3





#71

Anthracene

Concen: 41.89 ng

RT: 11.28 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:178 Resp: 1537604

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

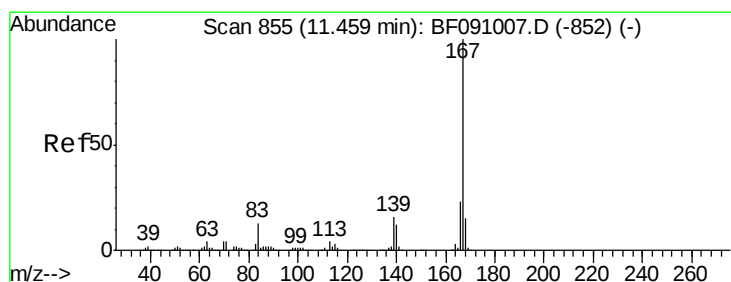
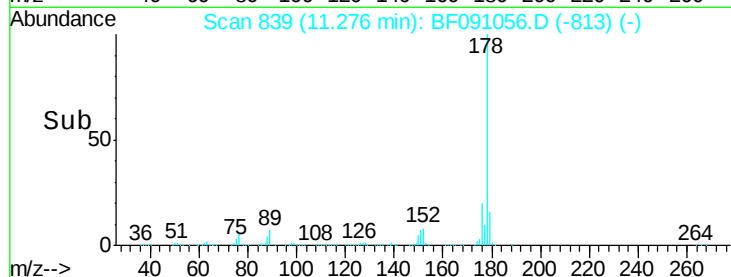
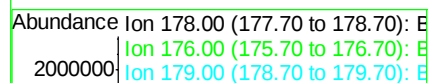
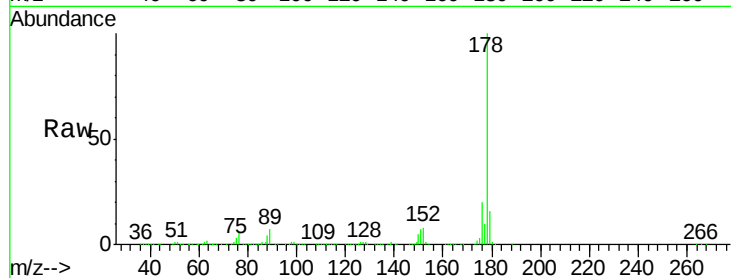
179 15.5 13.0 19.6

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#72

Carbazole

Concen: 42.12 ng

RT: 11.44 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

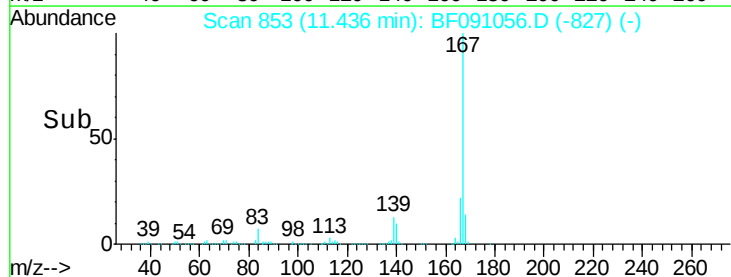
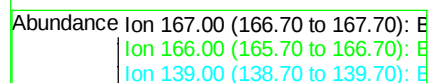
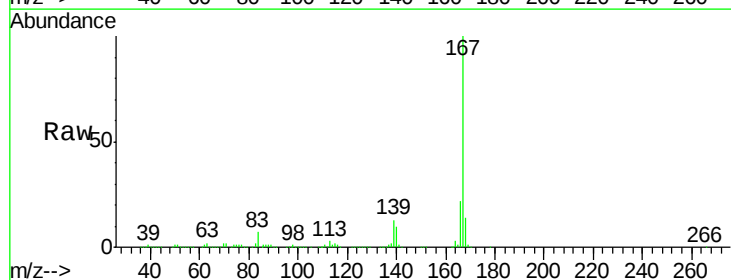
Tgt Ion:167 Resp: 1393288

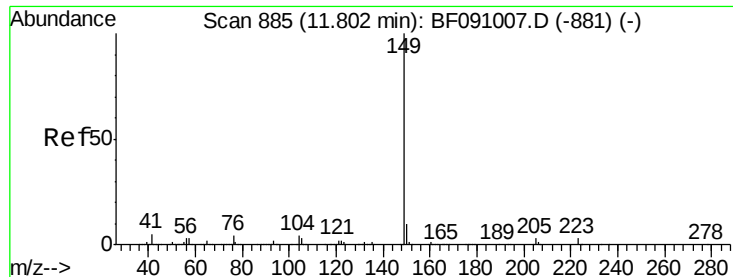
Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

139 12.7 12.6 18.8





#73

Di-n-butylphthalate

Concen: 36.50 ng

RT: 11.77 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:149 Resp: 1518350

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

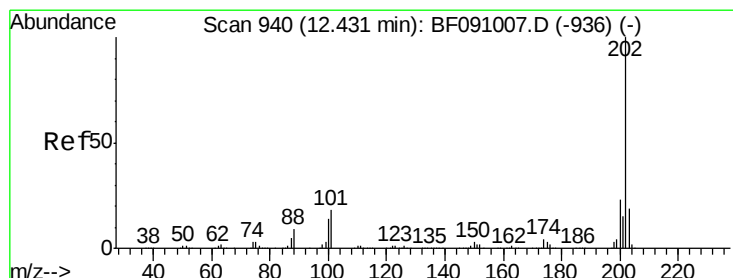
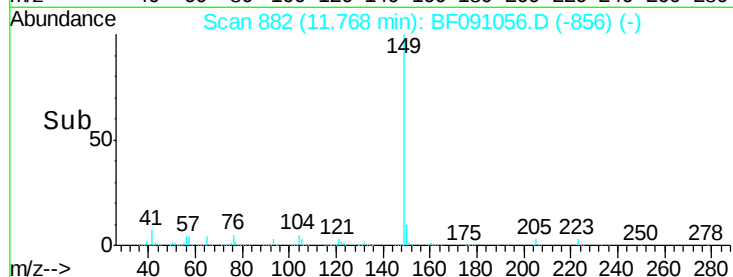
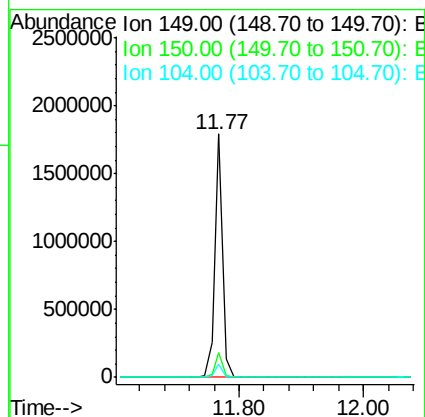
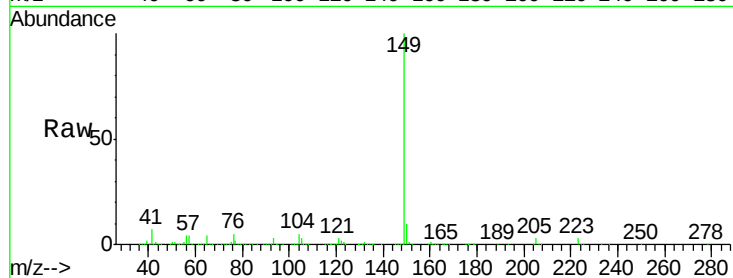
104 5.3 3.6 5.4

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#74

Fluoranthene

Concen: 42.18 ng

RT: 12.41 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

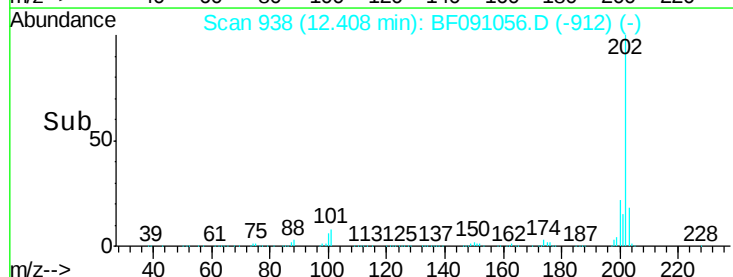
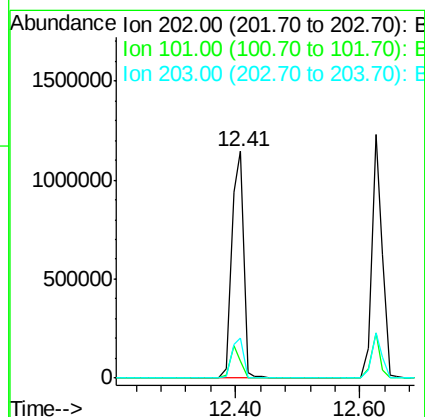
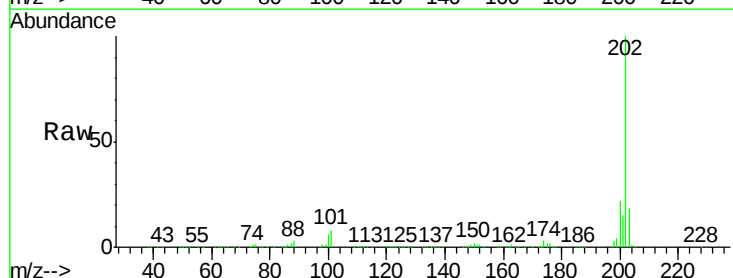
Tgt Ion:202 Resp: 1510244

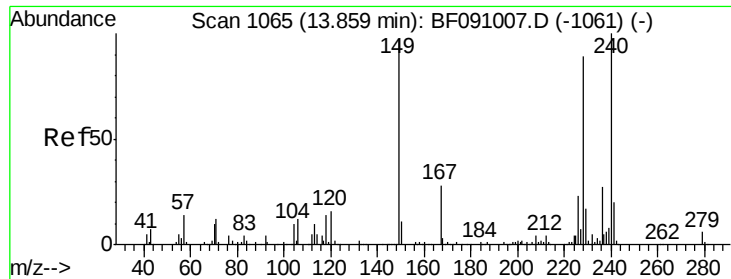
Ion Ratio Lower Upper

202 100

101 7.6 0.0 37.6

203 17.8 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

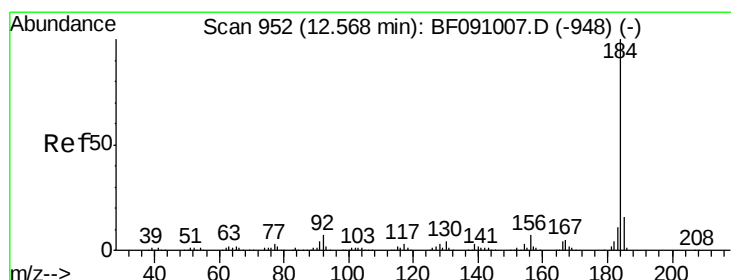
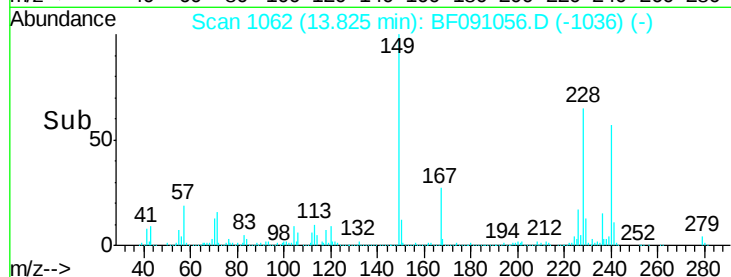
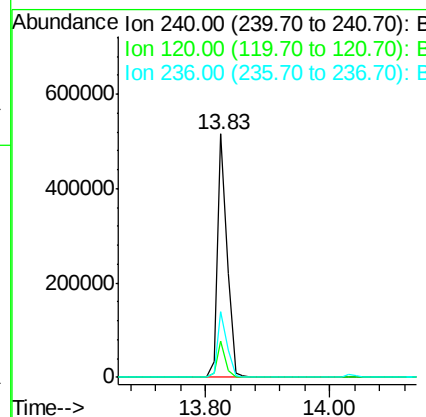
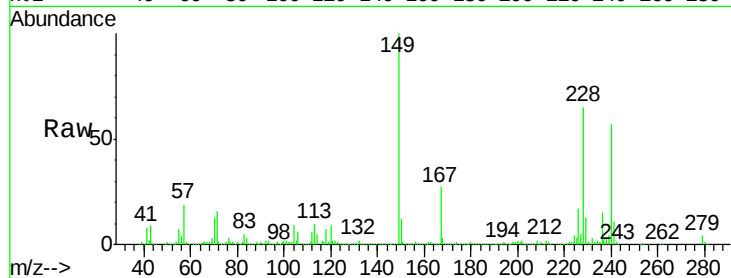
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion:	240	Resp:	546576
Ion Ratio	Lower	Upper	
240	100		
120	15.0	12.9	19.3
236	26.8	21.9	32.9

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#76

Benzidine

Concen: 9.33 ng

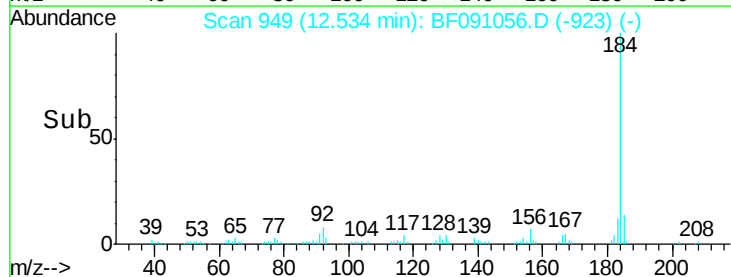
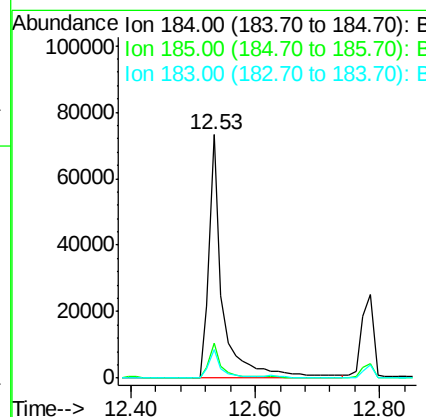
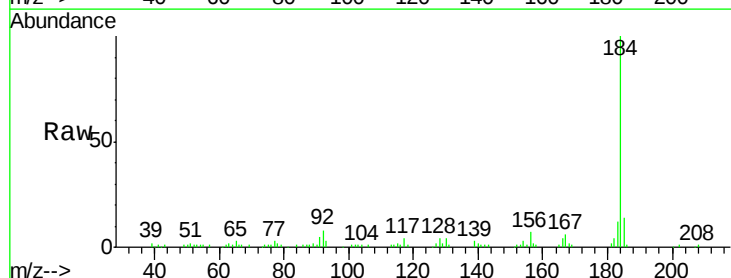
RT: 12.53 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:	184	Resp:	113965
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.0	19.4
183	11.9	8.7	13.1





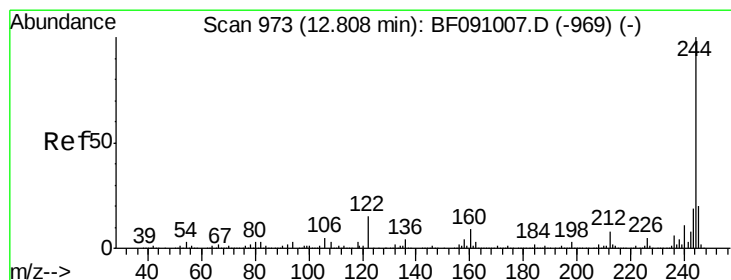
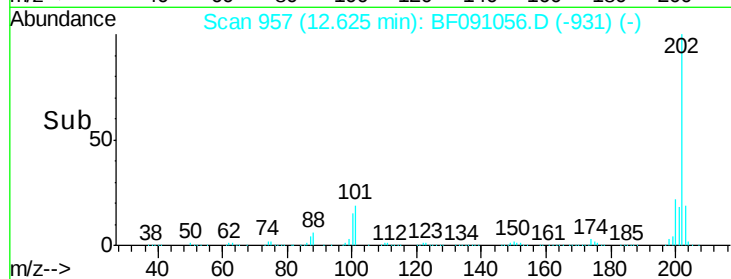
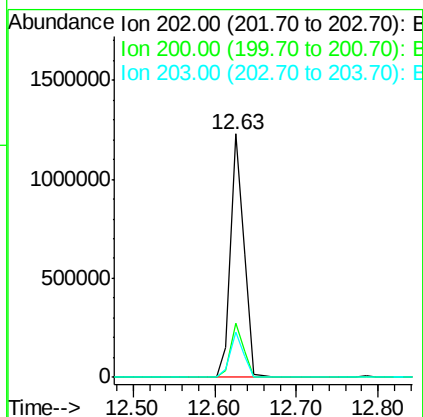
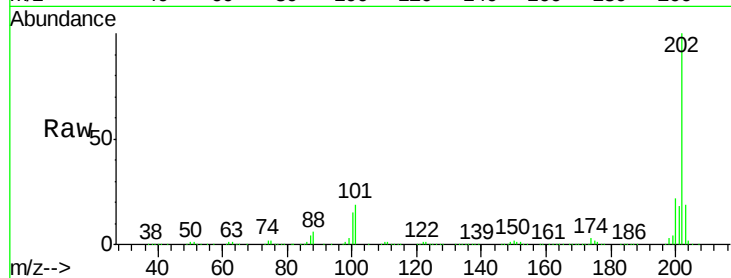
#77
Pvrene
Concen: 39.03 ng
RT: 12.63 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.4	27.6
203	18.7	15.0	22.6

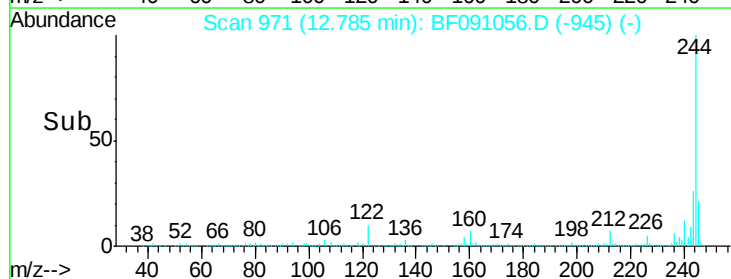
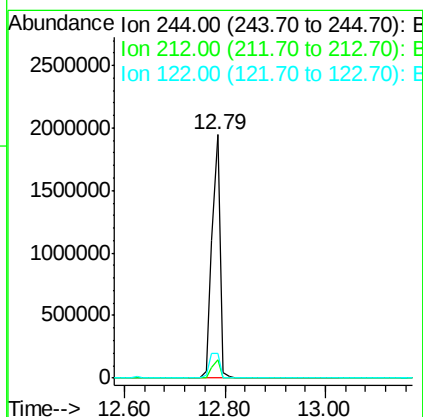
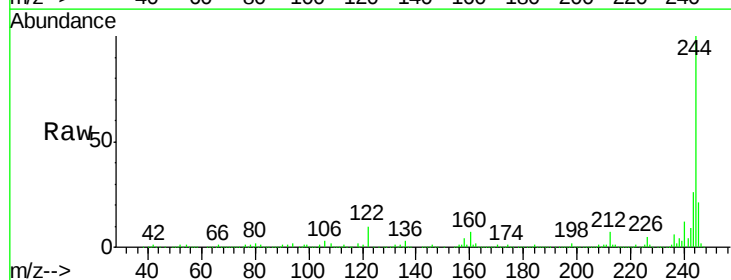
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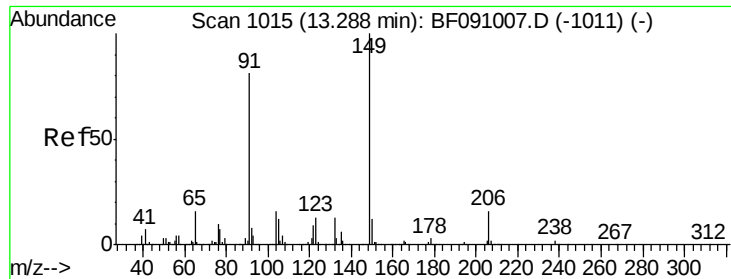
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#78
Terphenyl-d14
Concen: 100.06 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	10.1	12.3	18.5#





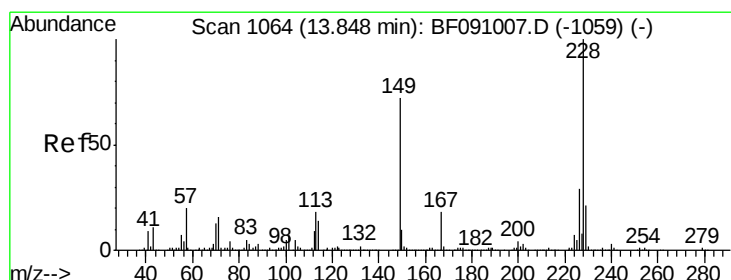
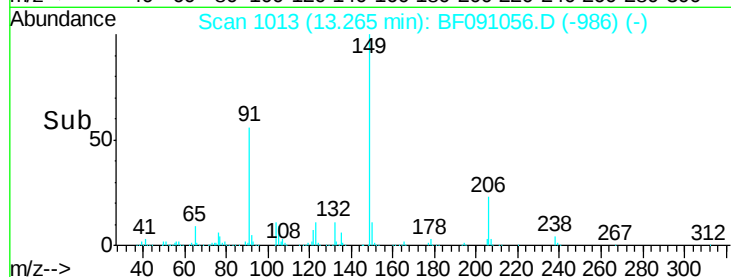
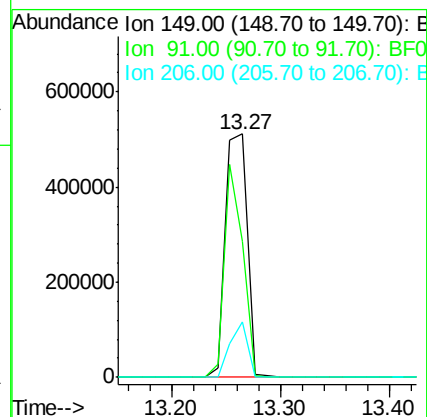
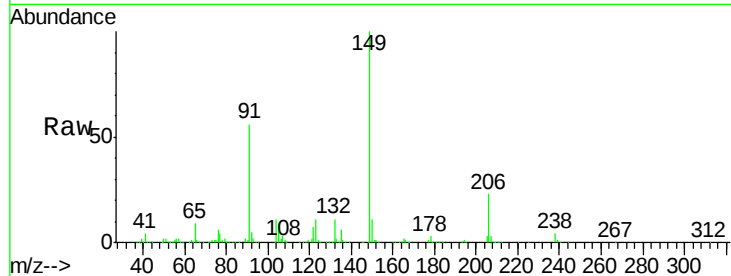
#79
Butylbenzylphthalate
Concen: 41.94 ng
RT: 13.27 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.7	65.0	97.4#
206	22.9	12.5	18.7#

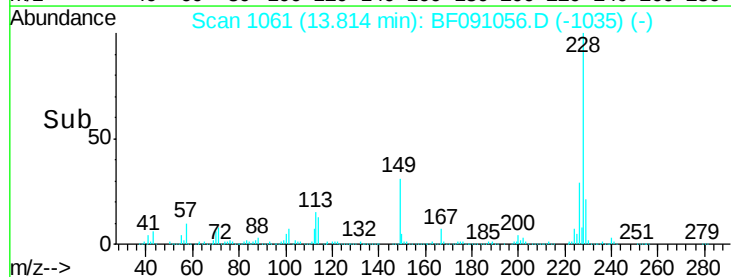
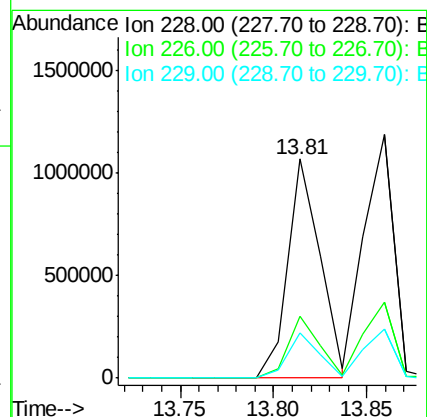
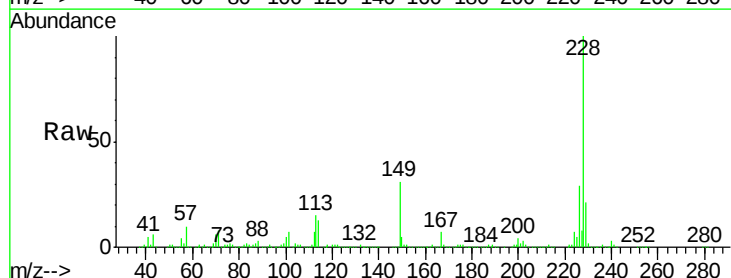
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#80
Benzo(a)anthracene
Concen: 41.64 ng
RT: 13.81 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.9	16.6	24.8





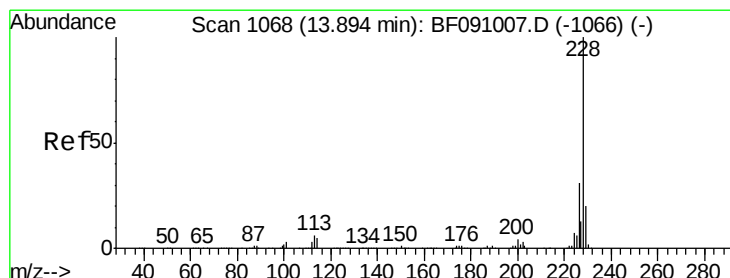
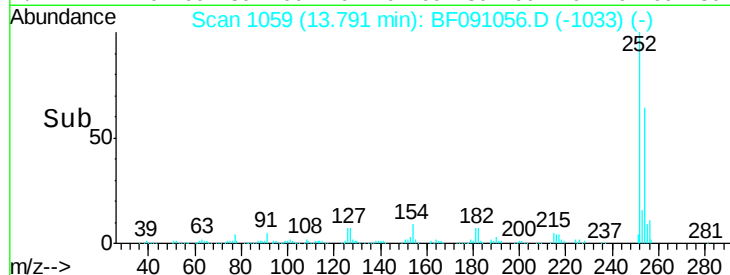
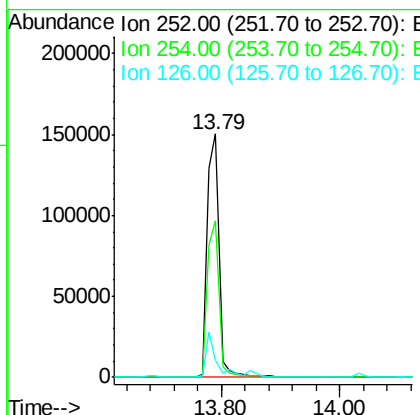
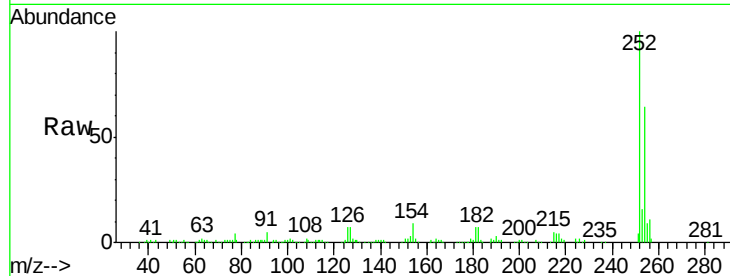
#81
 3,3'-Dichlorobenzidine
 Concen: 19.33 ng
 RT: 13.79 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	6.9	5.4	8.2

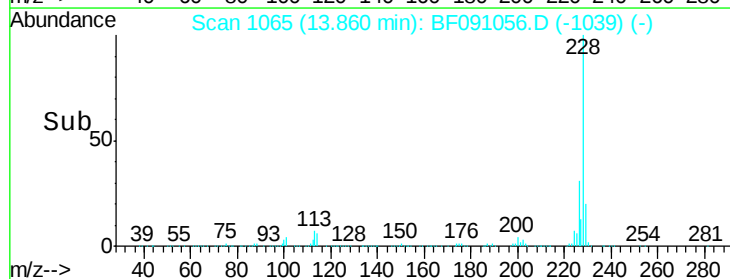
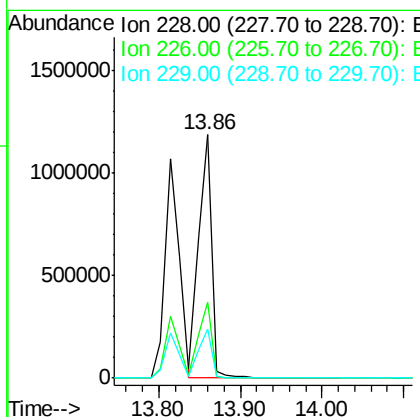
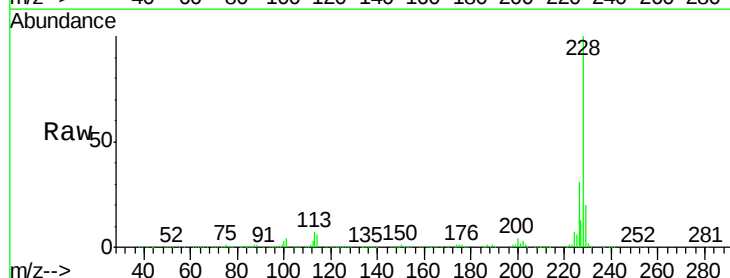
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#82
 Chrysene
 Concen: 43.59 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.1	15.9	23.9





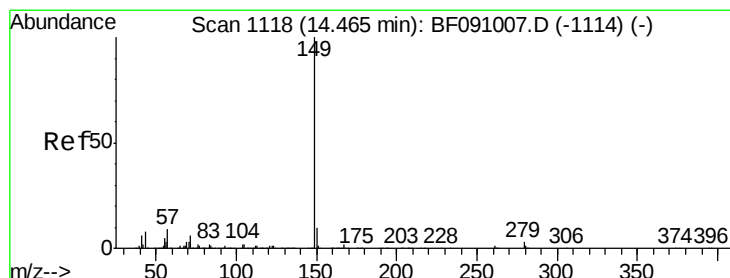
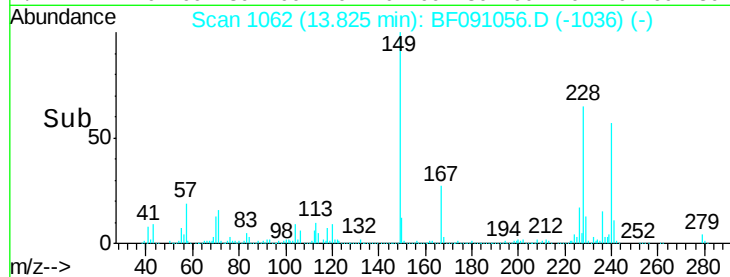
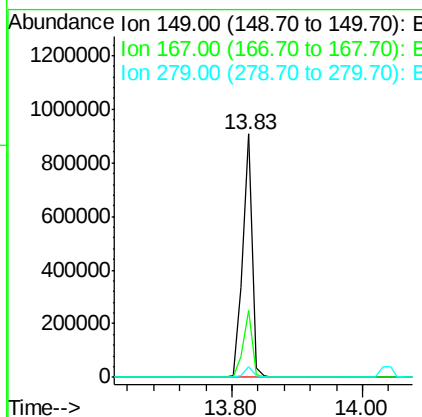
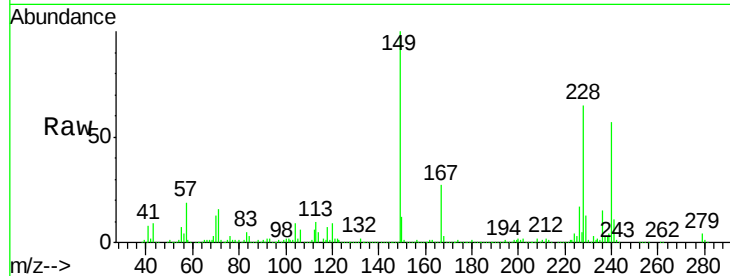
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.46 ng
 RT: 13.83 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	891083		
167	27.5	20.4	30.6	
279	4.3	1.6	2.4	

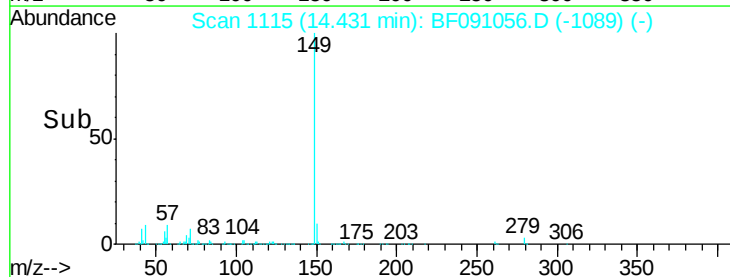
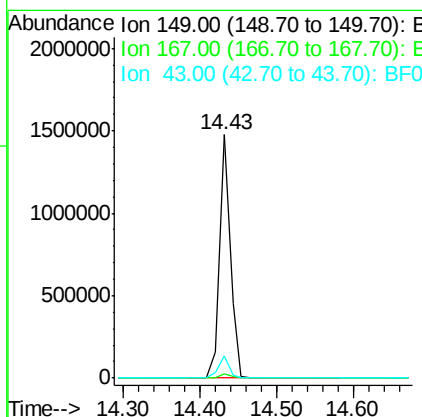
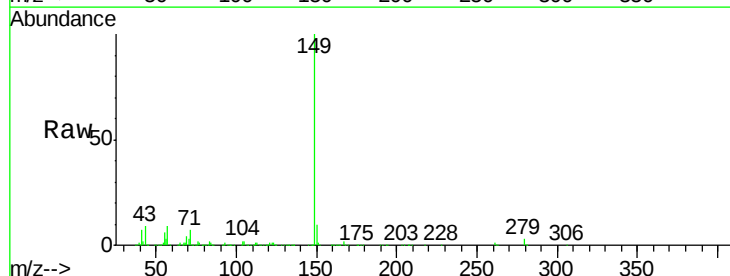
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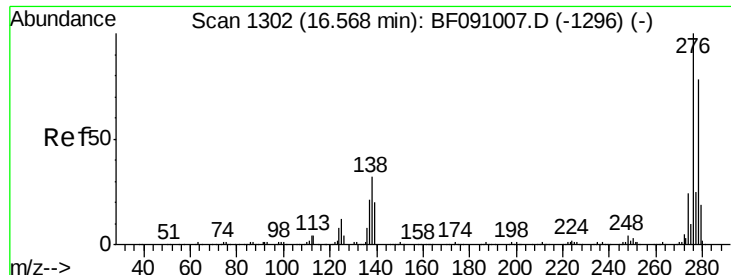
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#84
 Di-n-octyl phthalate
 Concen: 38.09 ng
 RT: 14.43 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1451003		
167	1.6	1.2	1.8	
43	8.9	8.2	12.4	





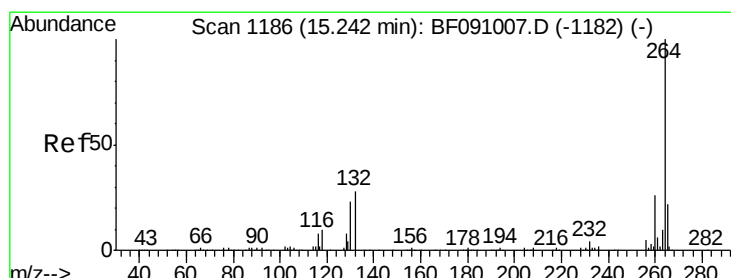
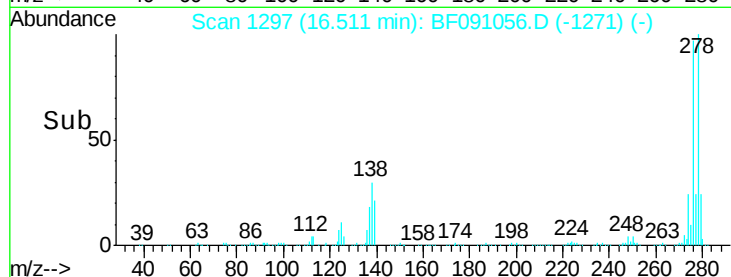
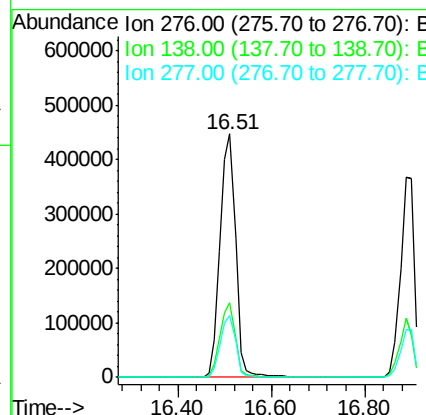
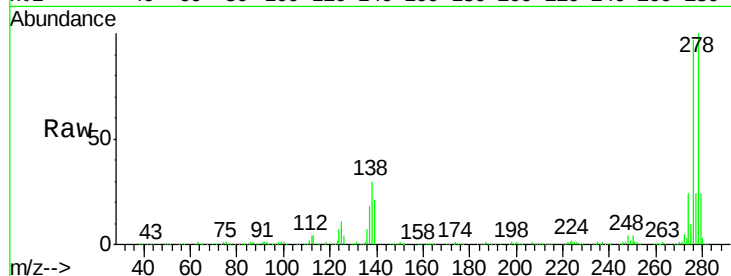
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.75 ng
RT: 16.51 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.0	39.0
277	25.0	20.1	30.1

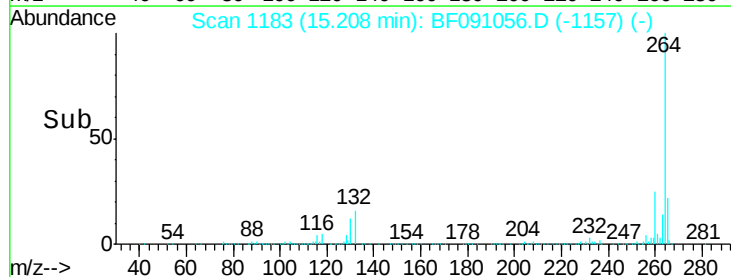
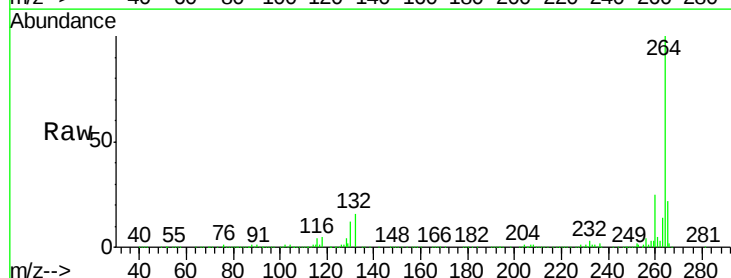
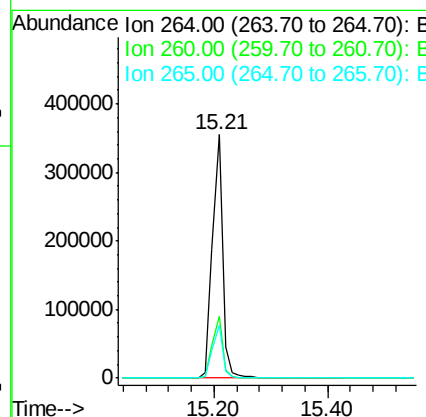
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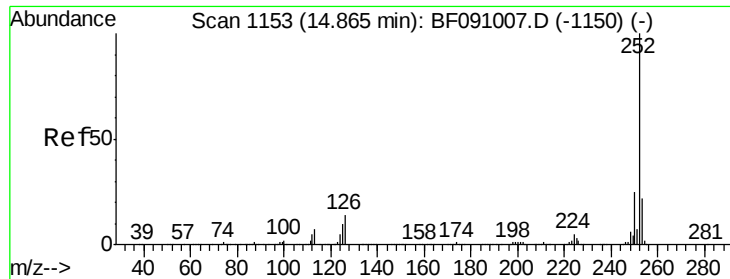
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.7	17.8	26.8





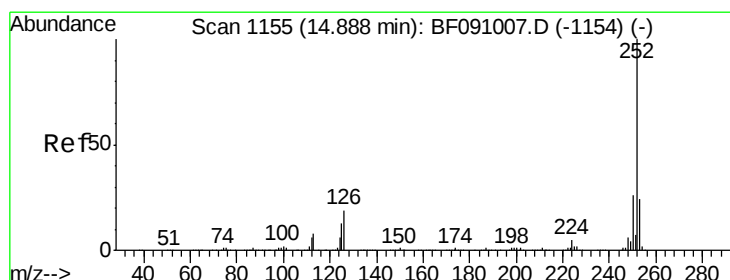
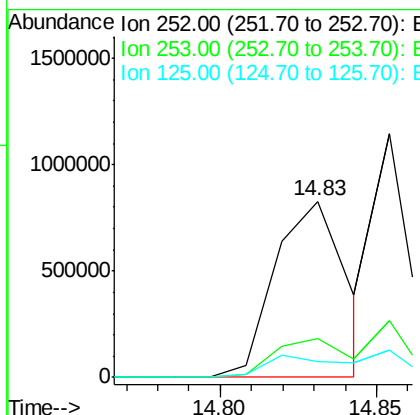
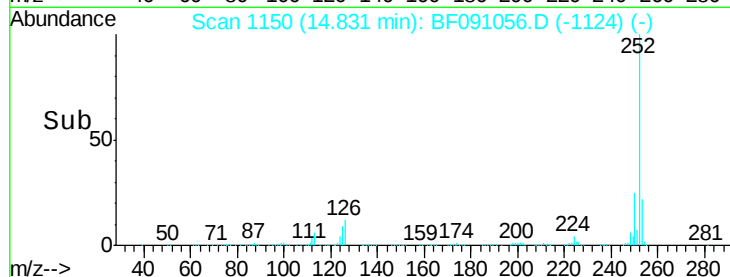
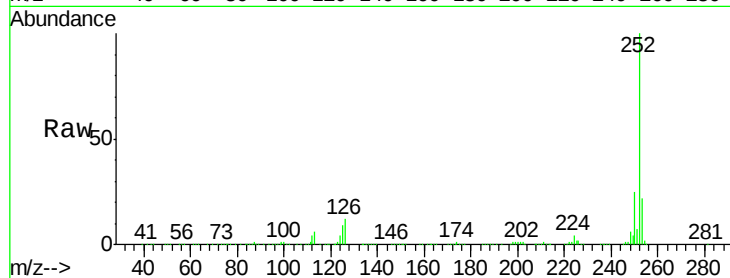
#87
Benzo(b)fluoranthene
Concen: 45.28 ng m
RT: 14.83 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	8.6	8.3	12.5

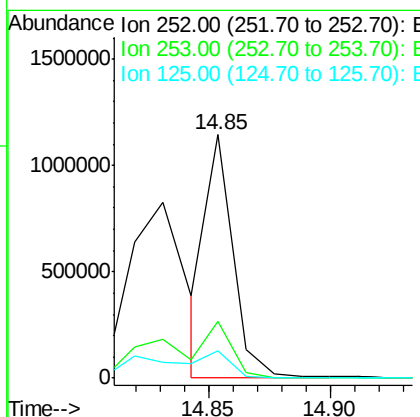
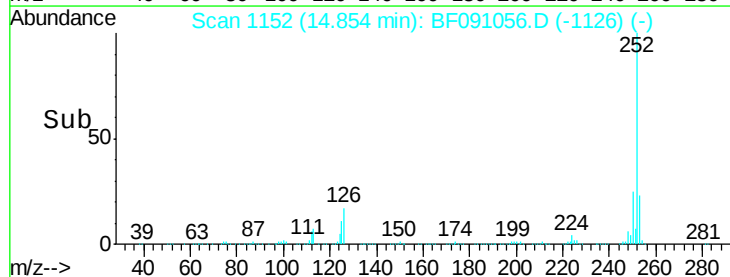
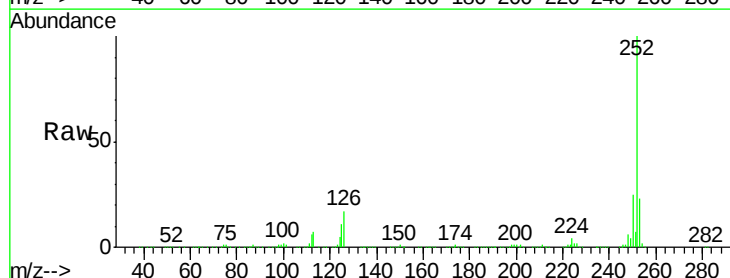
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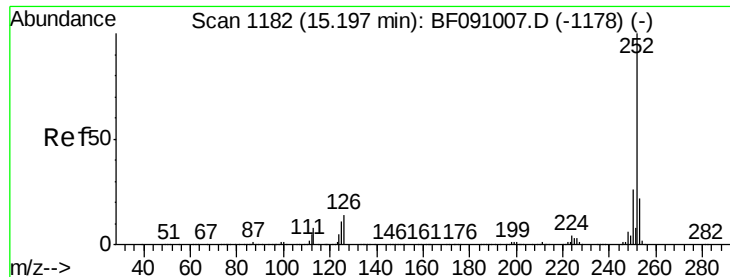
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#88
Benzo(k)fluoranthene
Concen: 35.63 ng m
RT: 14.85 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	11.3	11.2	16.8





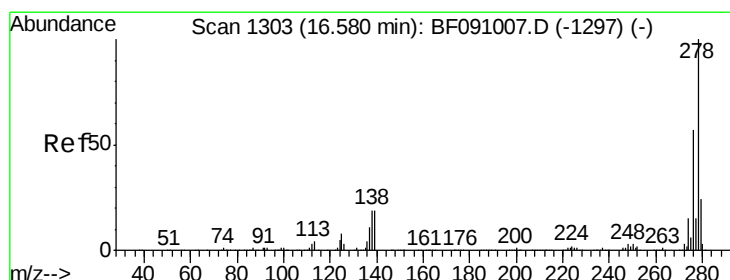
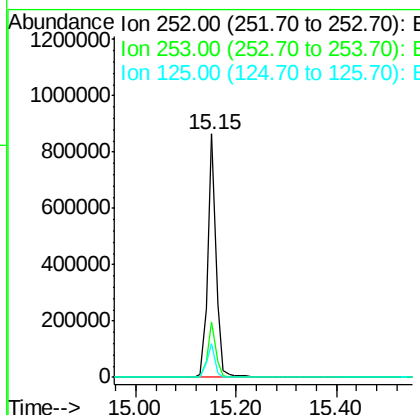
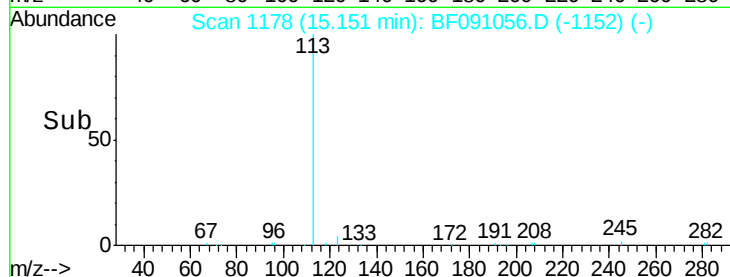
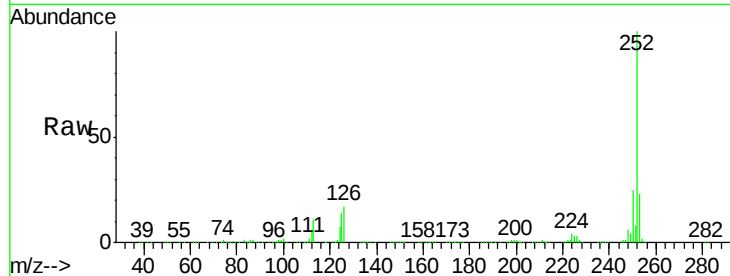
#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 15.15 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	13.6	8.6	13.0

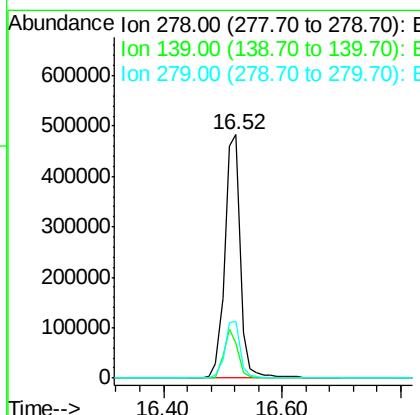
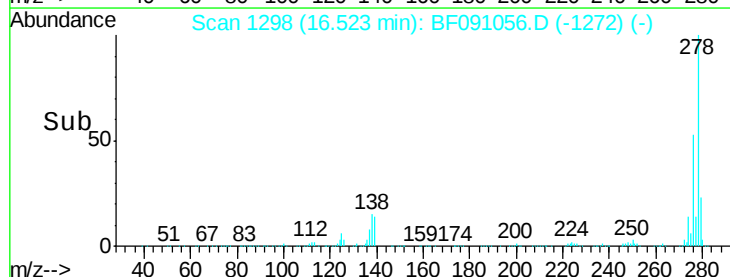
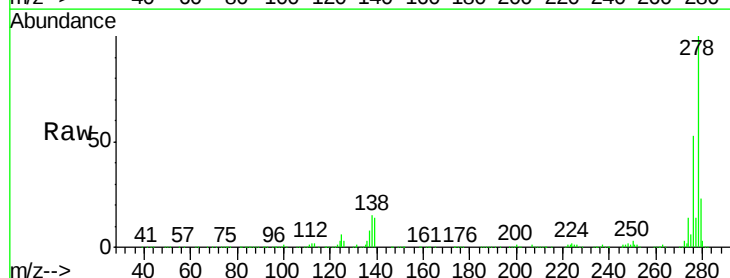
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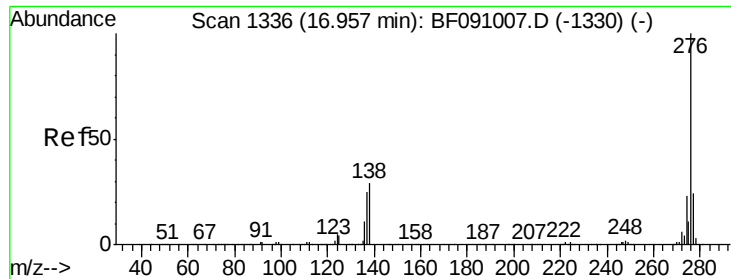
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#90
Dibenzo(a,h)anthracene
Concen: 40.50 ng
RT: 16.52 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.3	22.9
279	23.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.19 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	29.7	23.3	34.9

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