

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091057.D
 Acq On : 7 Nov 2016 15:51
 Operator : UM/SJ
 Sample : H5510-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Manual Integrations
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Quant Time: Nov 08 10:20:52 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	182515	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	783038	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	397485	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	659851	20.00	ng	0.00
75) Chrysene-d12	13.84	240	510879	20.00	ng	0.01
86) Perylene-d12	15.21	264	392138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1618446	146.45	ng	0.02
7) Phenol-d6	6.34	99	2202813	146.85	ng	0.01
23) Nitrobenzene-d5	7.24	82	1485245	103.47	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	541804	150.77	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	2407576	104.28	ng	0.00
78) Terphenyl-d14	12.79	244	2211509	108.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	213829	33.83	ng	94
3) Pyridine	2.90	79	157688	10.66	ng	98
4) n-Nitrosodimethylamine	2.83	42	260913	44.60	ng	91
6) Aniline	6.34	93	428713	24.23	ng	# 43
8) 2-Chlorophenol	6.46	128	657945	49.91	ng	86
9) Benzaldehyde	6.21	77	98101	11.78	ng	96
10) Phenol	6.35	94	790510	47.62	ng	# 56
11) bis(2-Chloroethyl)ether	6.42	93	683676	48.87	ng	95
12) 1,3-Dichlorobenzene	6.61	146	643188	48.24	ng	100
13) 1,4-Dichlorobenzene	6.69	146	649476	45.40	ng	99
14) 1,2-Dichlorobenzene	6.84	146	610739	46.52	ng	99
15) Benzyl Alcohol	6.83	79	493496	46.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.97	45	773565	38.62	ng	98
17) 2-Methylphenol	6.96	107	518695	49.70	ng	97
18) Hexachloroethane	7.18	117	263394	47.58	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	489719	47.11	ng	95
20) 3+4-Methylphenols	7.10	107	646765	51.62	ng	89
22) Acetophenone	7.09	105	874971	48.53	ng	# 96
24) Nitrobenzene	7.26	77	741857	46.80	ng	97
25) Isophorone	7.50	82	1337733	48.36	ng	100
26) 2-Nitrophenol	7.58	139	356318	53.11	ng	# 71
27) 2,4-Dimethylphenol	7.63	122	533757	48.11	ng	95
28) bis(2-Chloroethoxy)methane	7.72	93	773775	51.21	ng	99
29) 2,4-Dichlorophenol	7.82	162	477240	49.29	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	539663	49.57	ng	100
31) Naphthalene	7.98	128	1853110	49.48	ng	100
32) Benzoic acid	7.72	122	17506	6.88	ng	# 79
33) 4-Chloroaniline	8.04	127	246649	15.84	ng	99
34) Hexachlorobutadiene	8.10	225	281346	47.88	ng	100
35) Caprolactam	8.43	113	153245m	50.37	ng	
36) 4-Chloro-3-methylphenol	8.54	107	627945	53.57	ng	100
37) 2-Methylnaphthalene	8.67	142	1151387	47.83	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	516061	50.92	ng	99
40) Hexachlorocyclopentadiene	8.83	237	485182	119.71	ng	99

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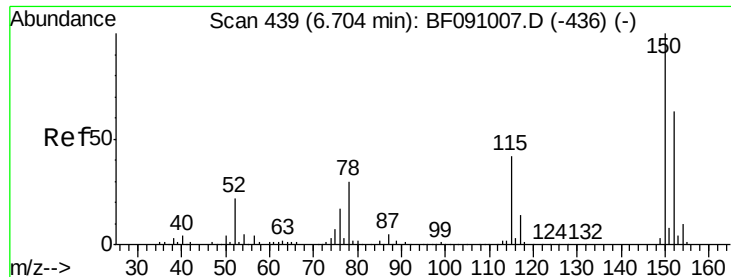
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	364973	55.79	nq	96
43) 2,4,5-Trichlorophenol	9.01	196	365088	53.15	nq	97
45) 1,1'-Biphenyl	9.14	154	1336323	46.04	nq	99
46) 2-Chloronaphthalene	9.16	162	1118780	50.77	nq	98
47) 2-Nitroaniline	9.26	65	401441	49.09	nq	87
48) Acenaphthylene	9.57	152	1648476	48.00	nq	99
49) Dimethylphthalate	9.46	163	1849143	70.95	nq	100
50) 2,6-Dinitrotoluene	9.52	165	292622	52.39	nq	86
51) Acenaphthene	9.74	154	1052228	48.80	nq	100
52) 3-Nitroaniline	9.69	138	216110	32.63	nq	# 78
53) 2,4-Dinitrophenol	9.79	184	127657	44.93	nq	# 50
54) Dibenzofuran	9.93	168	1596438	55.01	nq	92
55) 4-Nitrophenol	9.87	139	441767	98.70	nq	# 81
56) 2,4-Dinitrotoluene	9.93	165	399465	56.21	nq	# 87
57) Fluorene	10.27	166	1222893	51.55	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	276205	51.33	nq	99
59) Diethylphthalate	10.16	149	1361327	50.94	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	558095	51.69	nq	# 88
61) 4-Nitroaniline	10.30	138	324861	48.48	nq	96
62) Azobenzene	10.42	77	1597072	50.77	nq	89
64) 4,6-Dinitro-2-methylphenol	10.34	198	169440	41.93	nq	99
65) n-Nitrosodiphenylamine	10.38	169	1077018	51.35	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	382158	55.68	nq	# 70
67) Hexachlorobenzene	10.81	284	366328	48.39	nq	# 84
68) Atrazine	10.92	200	367622	60.76	nq	96
69) Pentachlorophenol	11.01	266	336795	100.45	nq	99
70) Phenanthrene	11.22	178	1611757	45.95	nq	99
71) Anthracene	11.28	178	1928071	51.70	nq	99
72) Carbazole	11.44	167	1825182	54.31	nq	98
73) Di-n-butylphthalate	11.77	149	1831633	43.34	nq	# 98
74) Fluoranthene	12.41	202	1888911	51.92	nq	91
76) Benzidine	12.53	184	78861	6.91	nq	97
77) Pyrene	12.64	202	1786107	53.38	nq	99
79) Butylbenzylphthalate	13.27	149	900858	56.29	nq	# 75
80) Benzo(a)anthracene	13.81	228	1523223	52.51	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	342516	33.61	nq	# 99
82) Chrysene	13.86	228	1584450	55.40	nq	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	1060980	48.99	nq	# 95
84) Di-n-octyl phthalate	14.43	149	1752711	49.22	nq	98
85) Indeno(1,2,3-cd)pyrene	16.51	276	1198080	50.49	nq	99
87) Benzo(b)fluoranthene	14.83	252	1435456m	53.97	nq	
88) Benzo(k)fluoranthene	14.85	252	1041097m	44.62	nq	
89) Benzo(a)pyrene	15.15	252	1127835	48.71	nq	# 96
90) Dibenzo(a,h)anthracene	16.52	278	1012627	50.59	nq	99
91) Benzo(g,h,i)perylene	16.90	276	949205	52.44	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

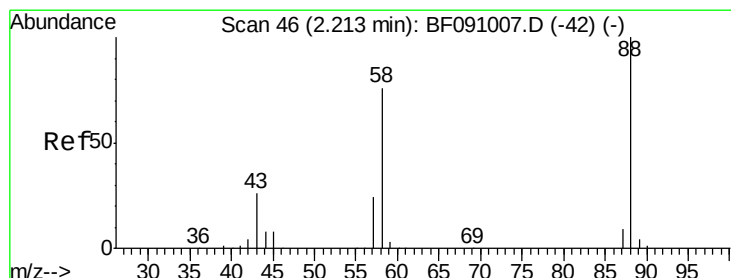
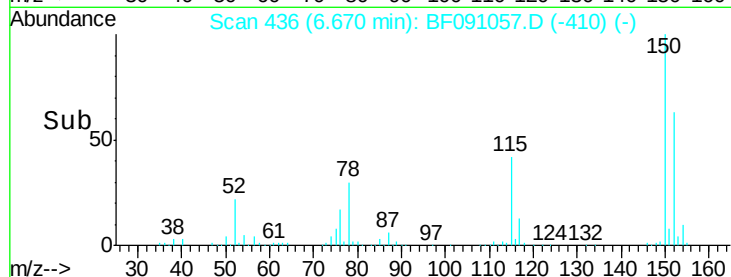
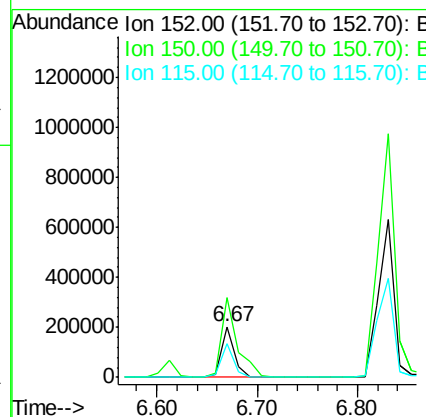
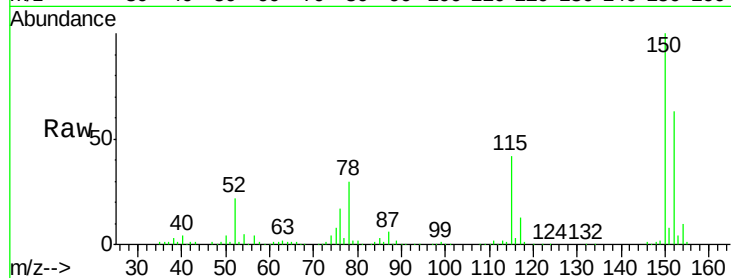
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:	152	Resp:	182515
Ion Ratio	Lower	Upper	
152	100		
150	158.7	126.8	190.2
115	67.4	53.3	79.9

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#2

1,4-Dioxane

Concen: 33.83 ng

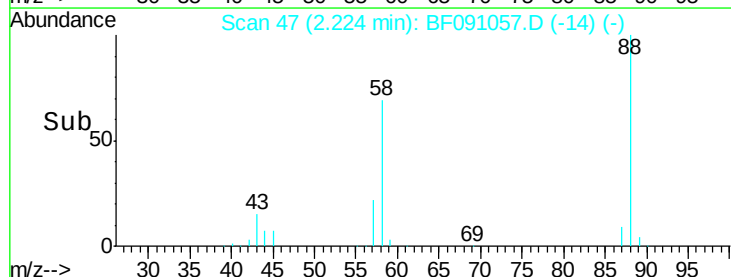
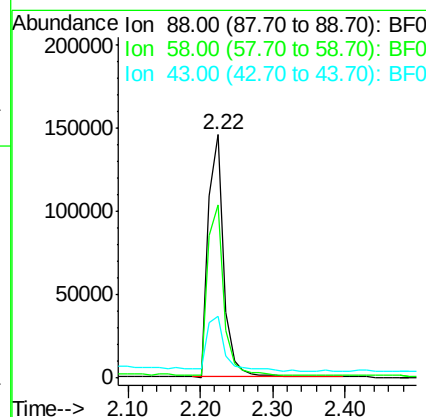
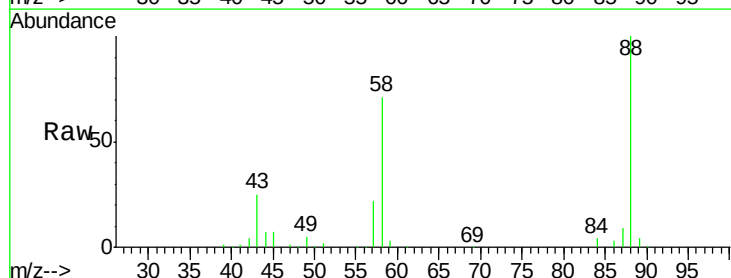
RT: 2.22 min Scan# 47

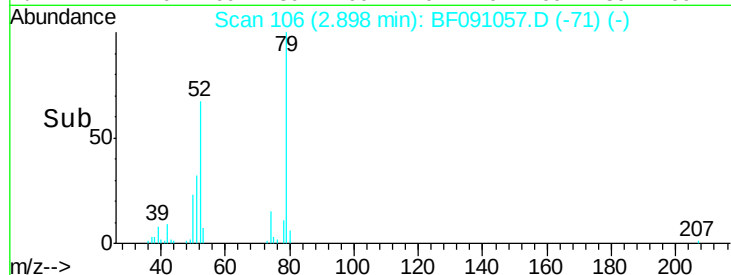
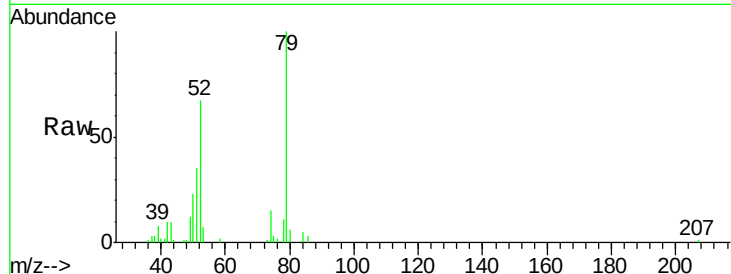
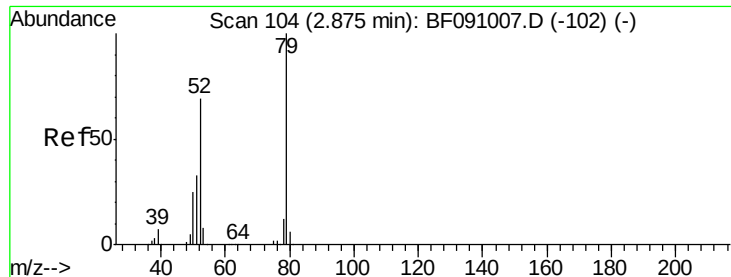
Delta R.T. 0.08 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion:	88	Resp:	213829
Ion Ratio	Lower	Upper	
88	100		
58	73.4	63.8	95.6
43	26.5	22.6	33.8





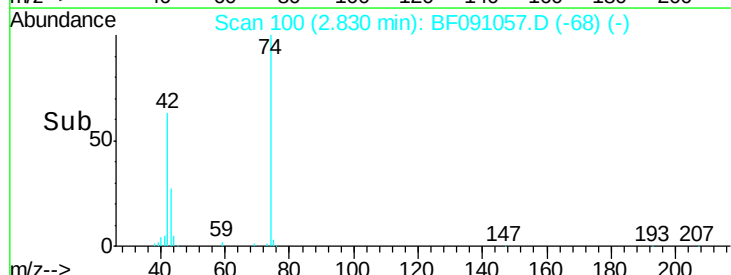
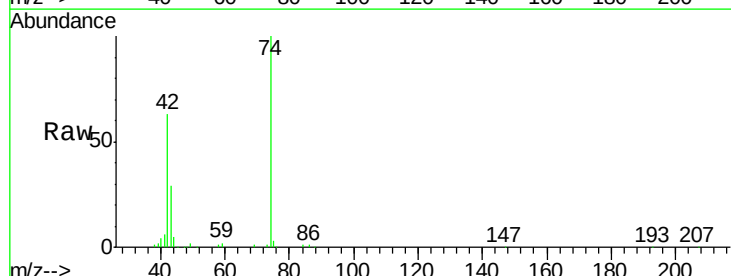
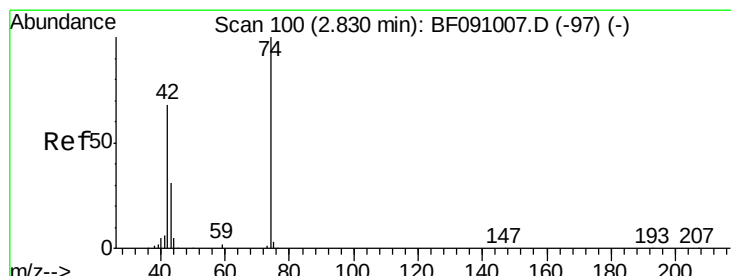
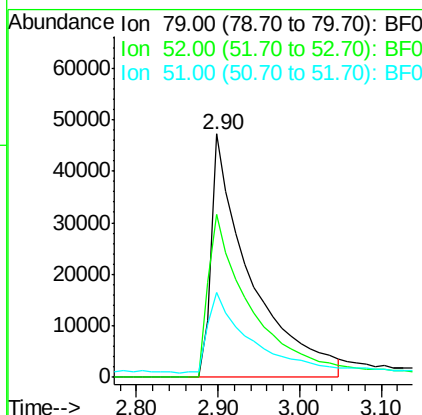
#3
 Pvridine
 Concen: 10.66 ng
 RT: 2.90 min Scan# 106
 Delta R.T. 0.10 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	157688		
52	52	66.8		55.4	83.0
51	51	34.8		27.4	41.0

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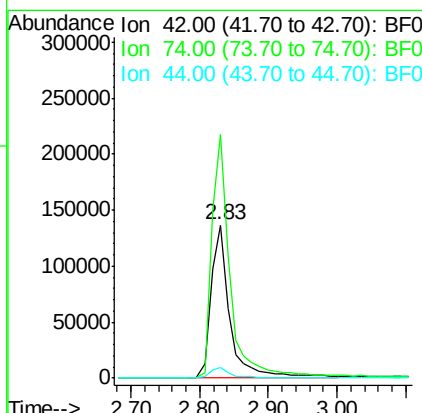
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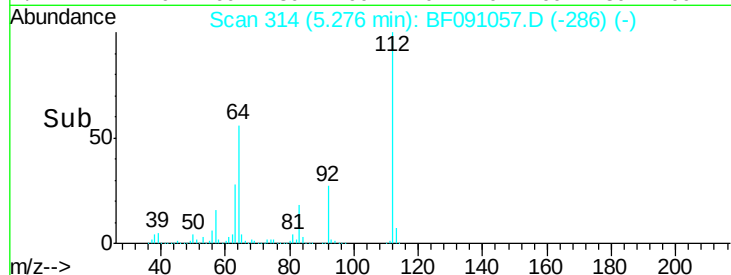
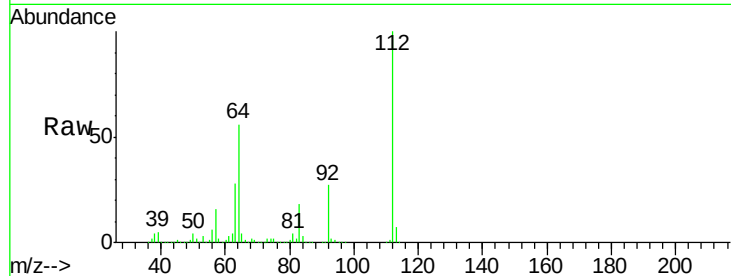
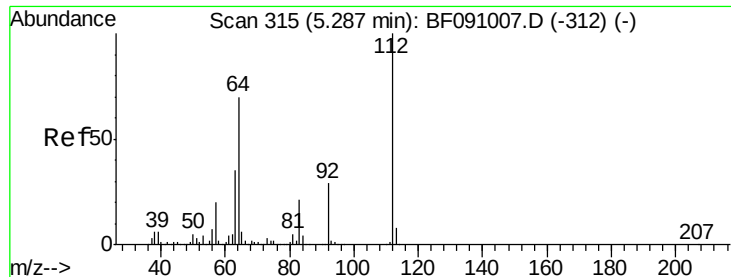
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#4
 n-Nitrosodimethylamine
 Concen: 44.60 ng
 RT: 2.83 min Scan# 100
 Delta R.T. 0.07 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	260913		
74	74	159.0		117.3	175.9
44	44	7.2		5.8	8.8





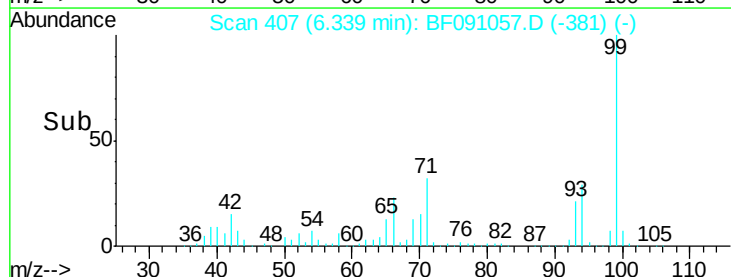
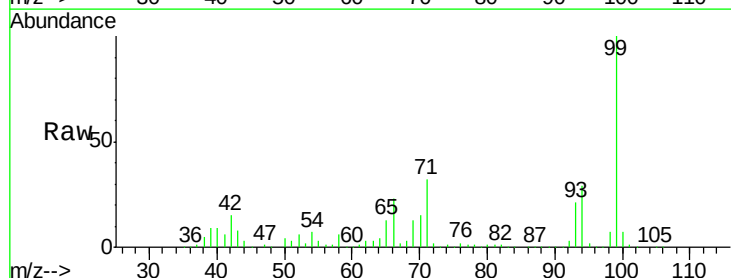
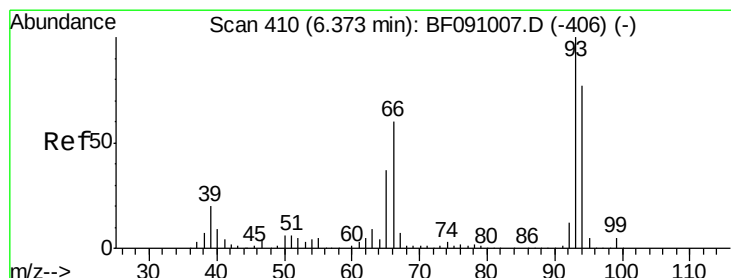
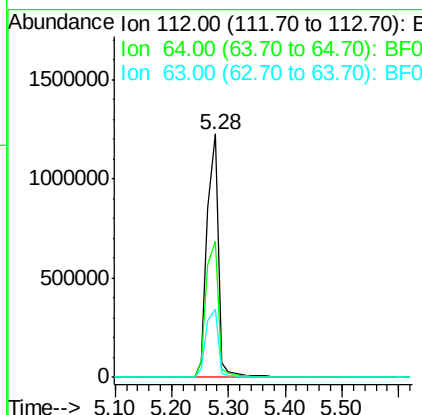
#5
2-Fluorophenol
Concen: 146.45 ng
RT: 5.28 min Scan# 314
Delta R.T. 0.02 min
Lab File: BF091057.D
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Tot Ion	Ratio	Lower	Upper
112	100		
64	55.8	55.8	83.6
63	28.0	28.0	42.0

Instrument :
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ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

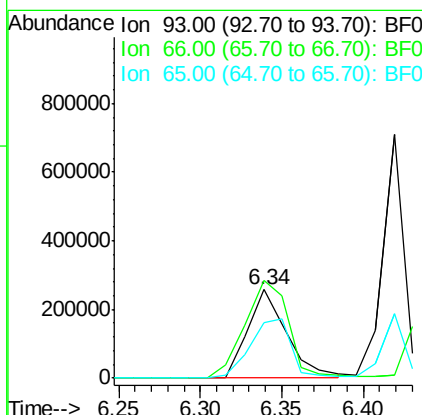
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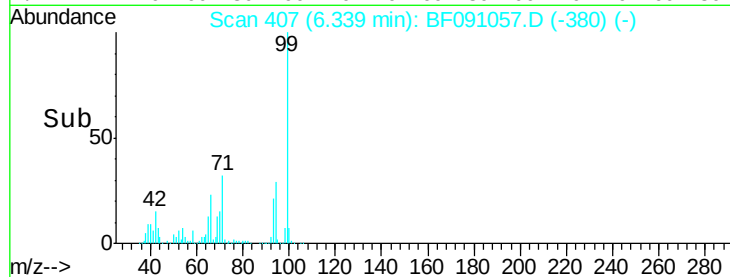
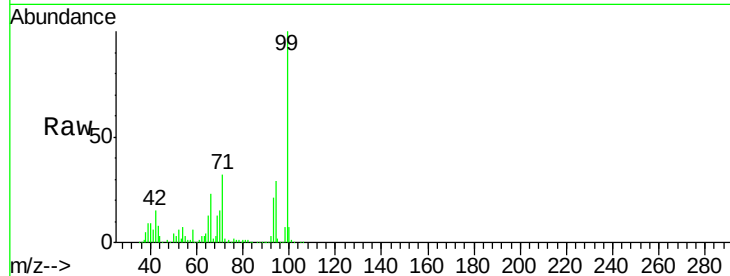
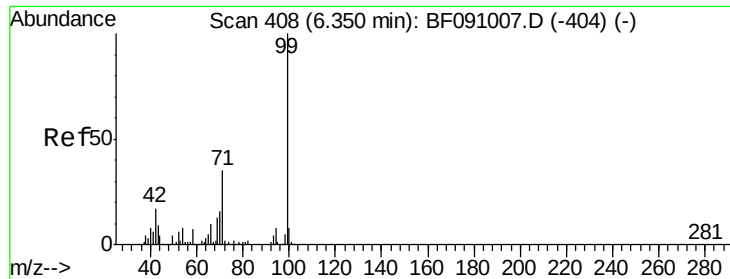
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#6
Aniline
Concen: 24.23 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
93	100		
66	110.1	48.2	72.2#
65	62.3	29.4	44.0#





#7

Phenol-d6

Concen: 146.85 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tot Ion: 99 Resp: 2202813

Ion Ratio Lower Upper

99 100

42 14.6 13.9 20.9

71 31.5 27.8 41.8

Instrument :

BNA_F

ClientSampleId :

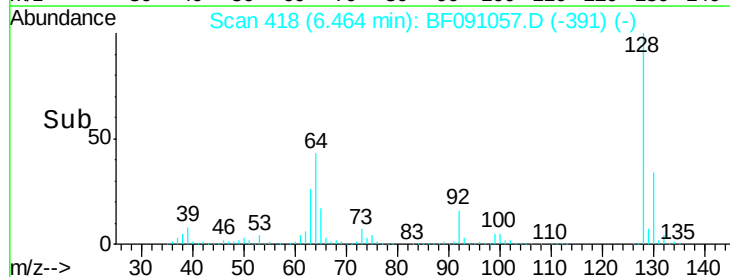
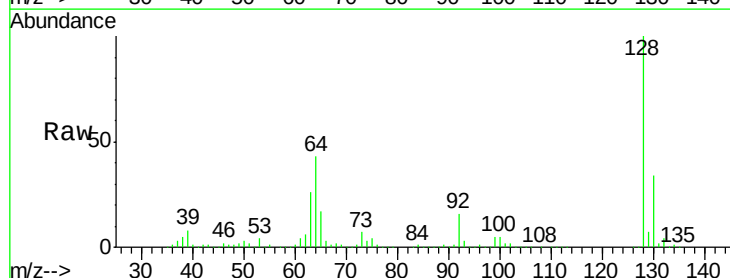
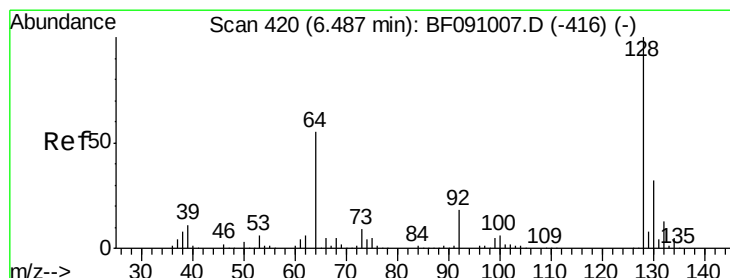
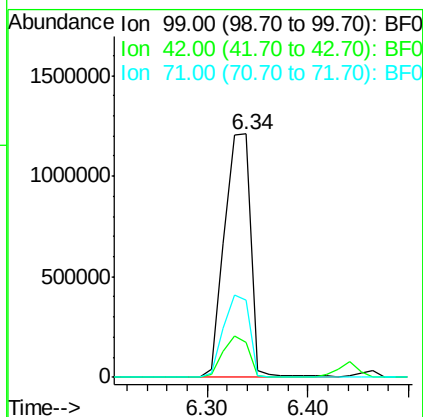
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#8

2-Chlorophenol

Concen: 49.91 ng

RT: 6.46 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

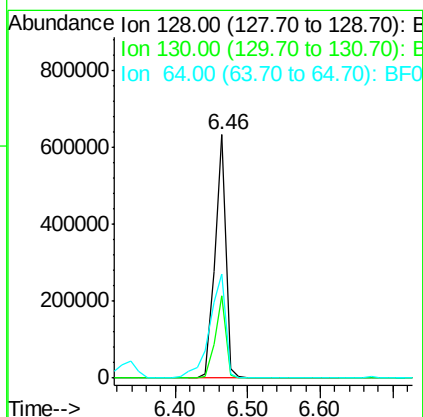
Tgt Ion: 128 Resp: 657945

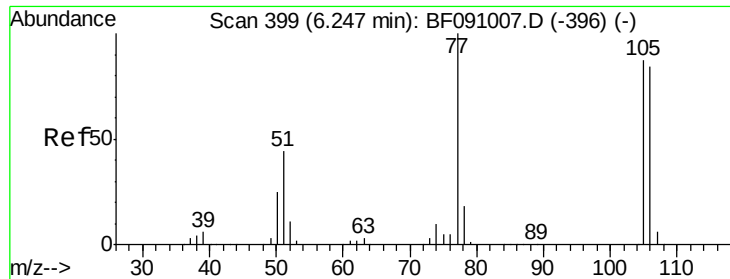
Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

64 42.5 37.2 77.2





#9

Benzaldehyde

Concen: 11.78 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

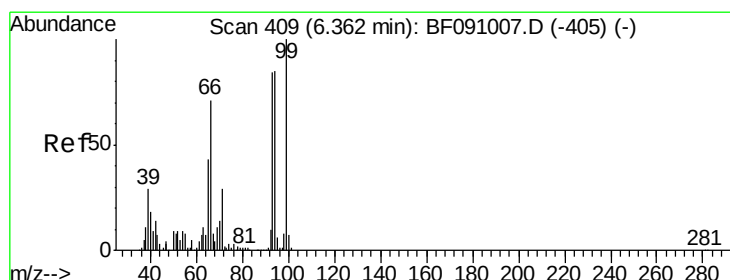
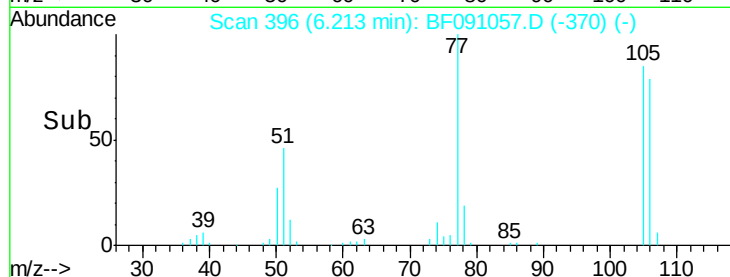
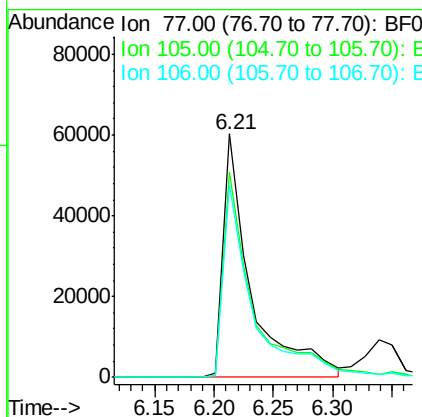
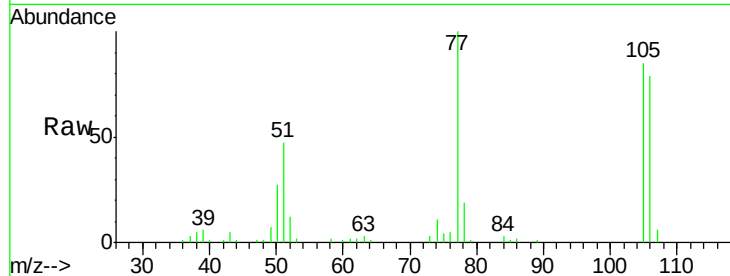
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:	77	Resp:	98101
Ion	Ratio	Lower	Upper
77	100		
105	84.5	66.8	106.8
106	79.3	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 47.62 ng

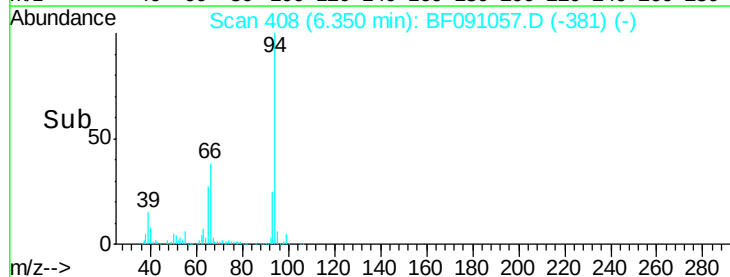
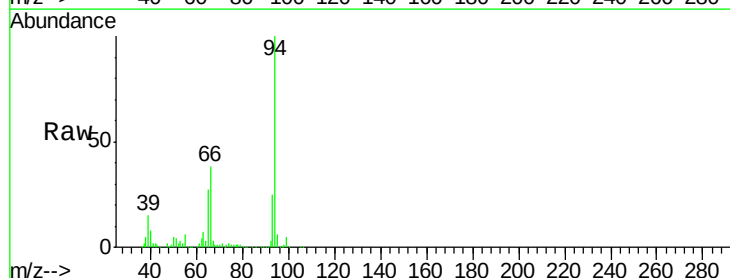
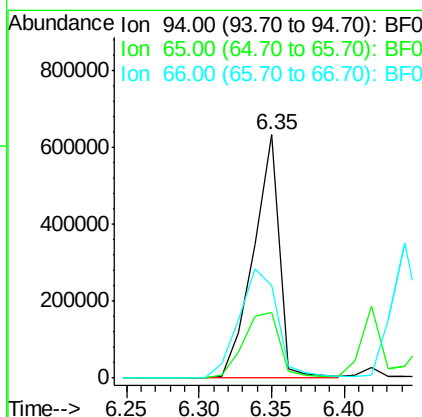
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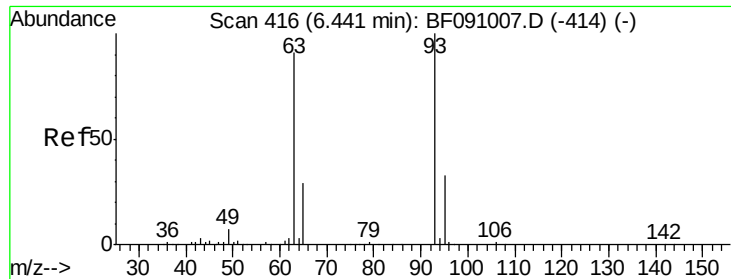
Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion:	94	Resp:	790510
Ion	Ratio	Lower	Upper
94	100		
65	27.2	30.4	70.4#
66	37.9	62.9	102.9#





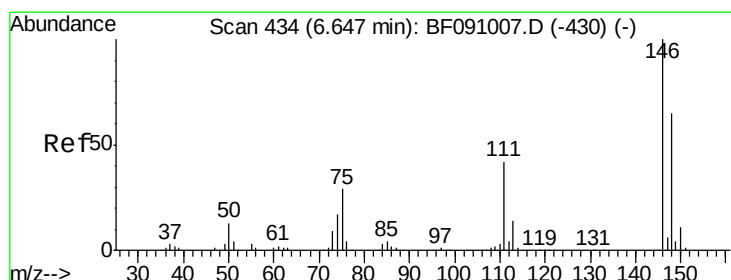
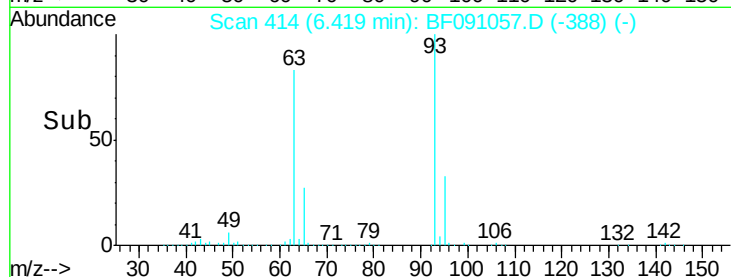
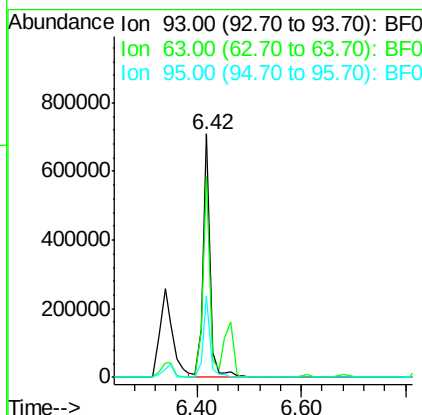
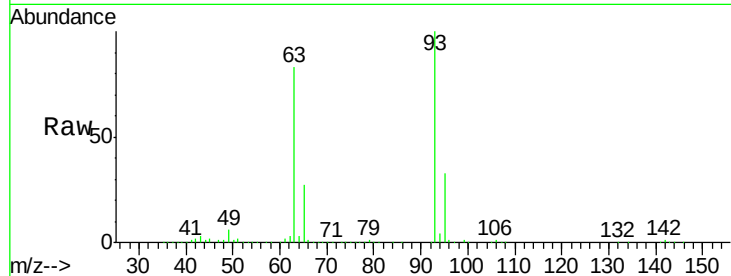
#11
bis(2-Chloroethyl)ether
Concen: 48.87 ng
RT: 6.42 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	683676		
63	82.7	68.9	108.9	
95	33.3	12.3	52.3	

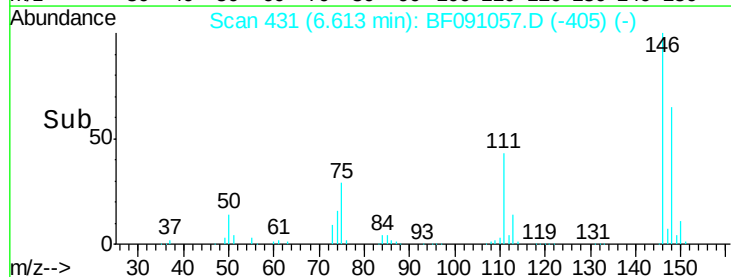
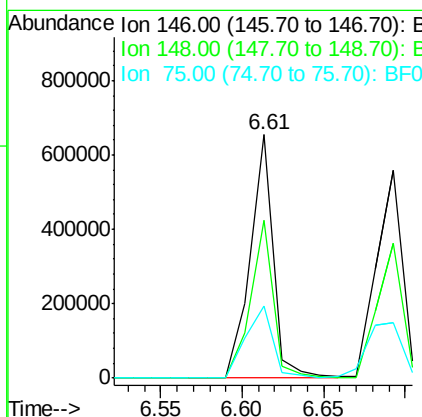
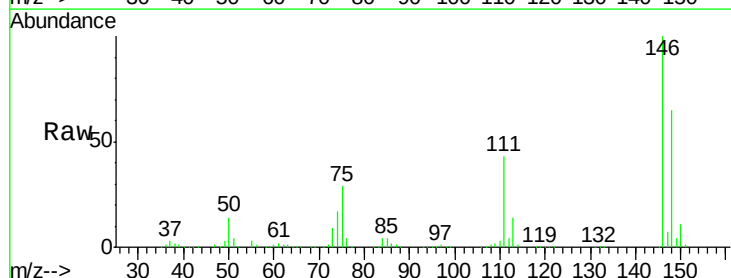
Manual Integrations
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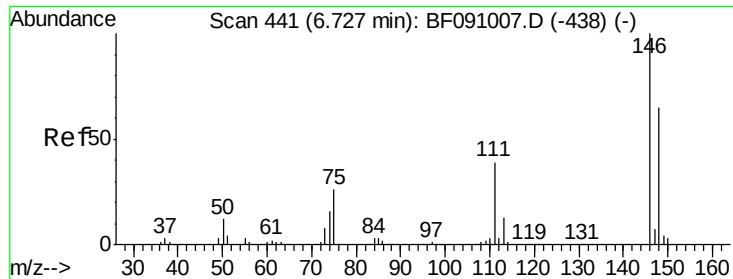
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#12
1,3-Dichlorobenzene
Concen: 48.24 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	643188		
148	65.1	52.0	78.0	
75	29.5	23.0	34.6	





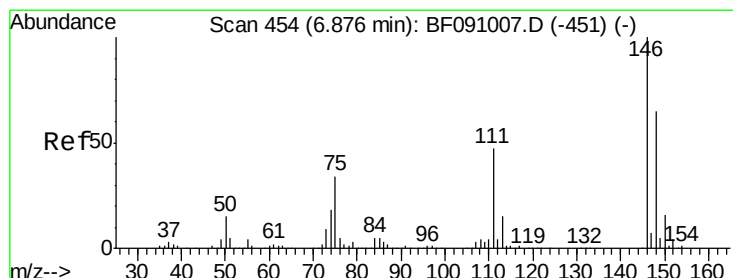
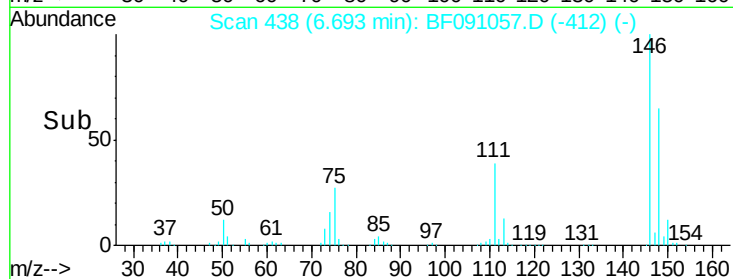
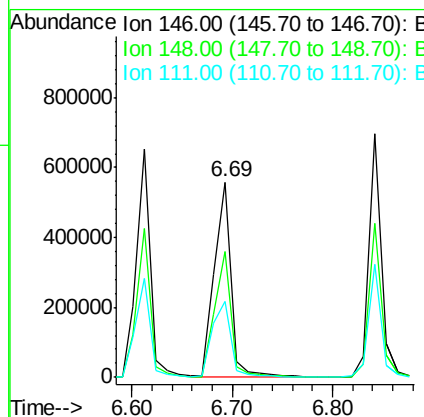
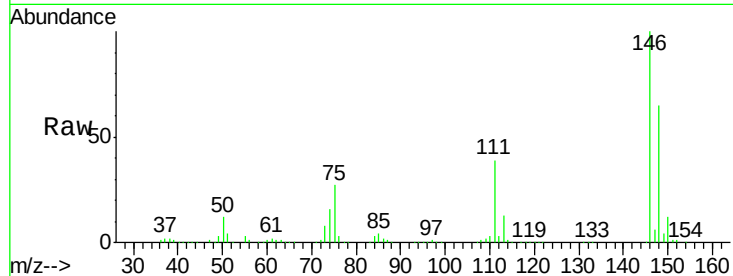
#13
 1,4-Dichlorobenzene
 Concen: 45.40 ng
 RT: 6.69 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
111	39.2	31.6	47.4

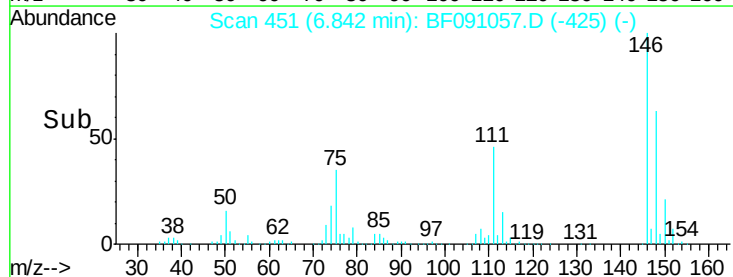
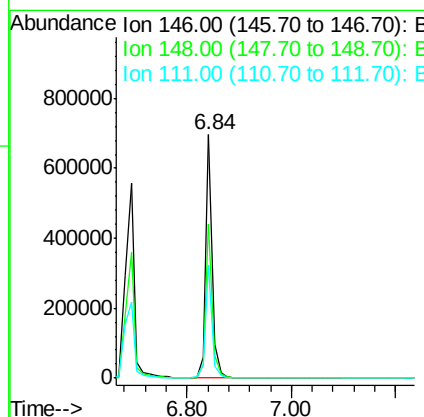
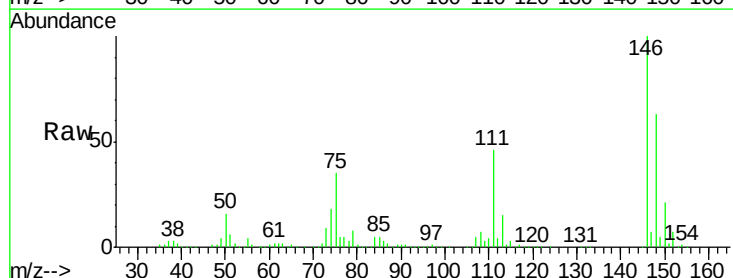
Manual Integrations
 APPROVED

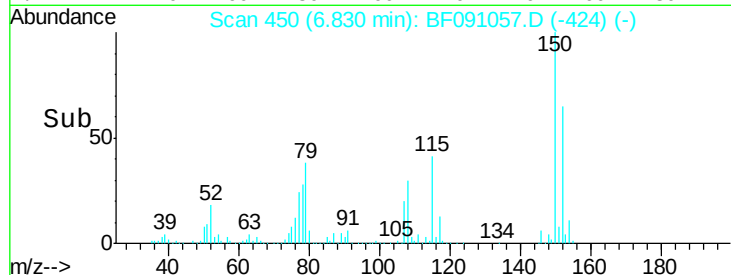
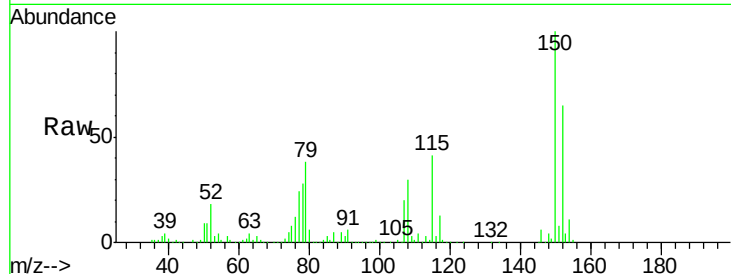
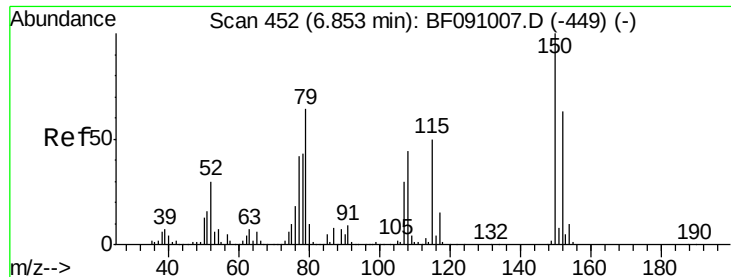
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#14
 1,2-Dichlorobenzene
 Concen: 46.52 ng
 RT: 6.84 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
111	46.5	37.3	55.9





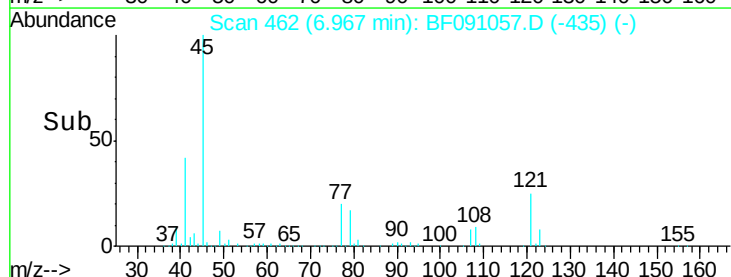
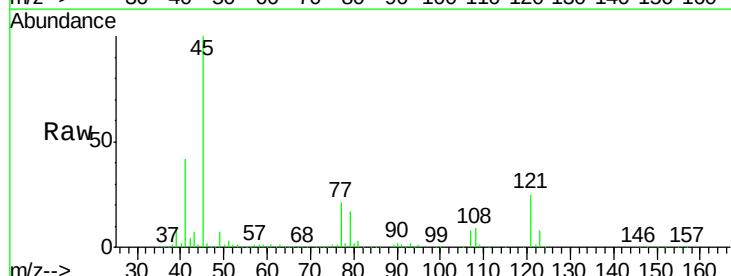
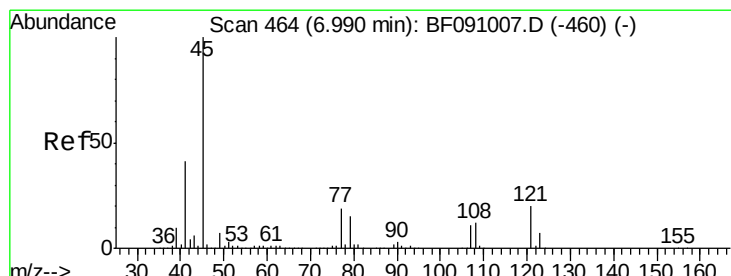
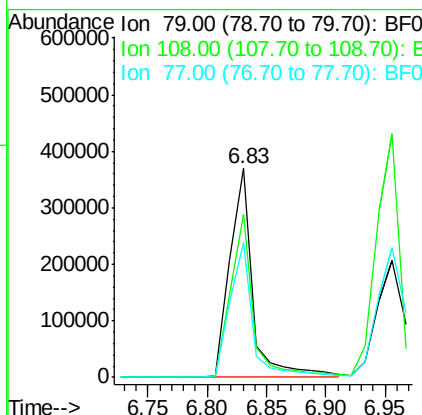
#15
Benzyl Alcohol
Concen: 46.64 ng
RT: 6.83 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.2	55.7	83.5	
77	64.6	52.6	79.0	

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

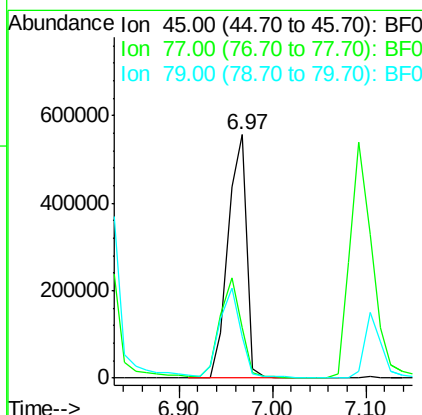
Manual Integrations
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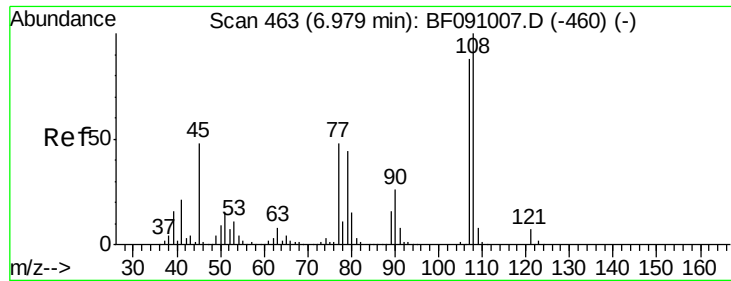
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.62 ng
RT: 6.97 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.5	0.0	39.6	
79	16.8	0.0	35.9	





#17

2-Methylphenol

Concen: 49.70 ng

RT: 6.96 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

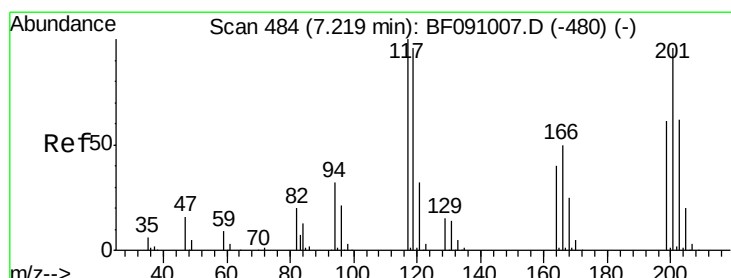
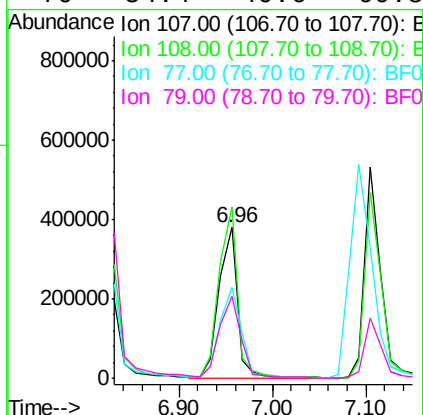
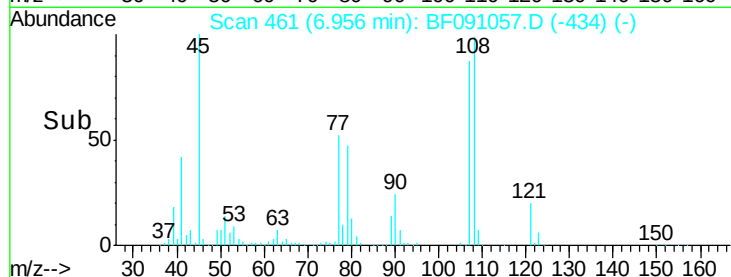
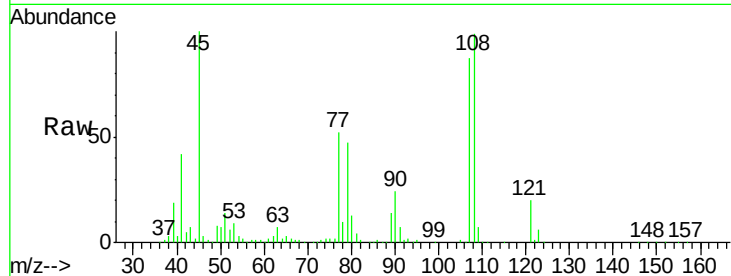
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:	107	Resp:	518695
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.0	136.6
77	60.1	43.8	65.8
79	54.4	40.6	60.8

Manual Integrations
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#18

Hexachloroethane

Concen: 47.58 ng

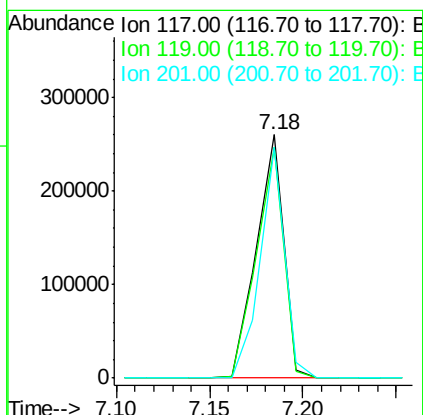
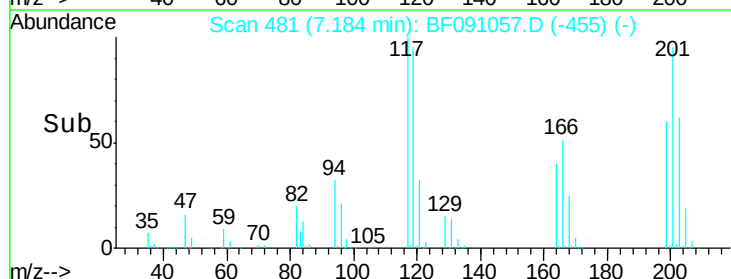
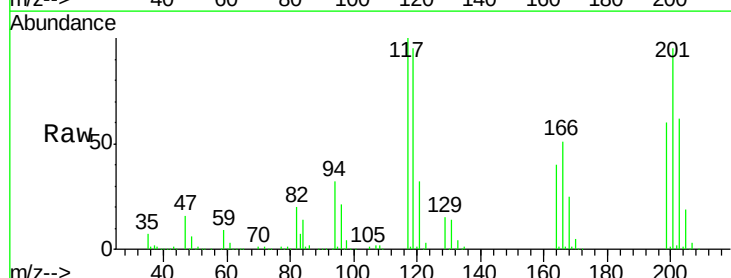
RT: 7.18 min Scan# 481

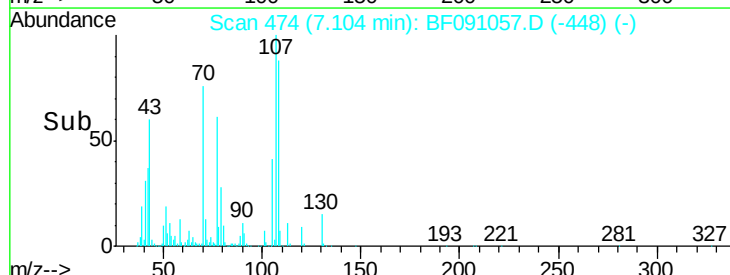
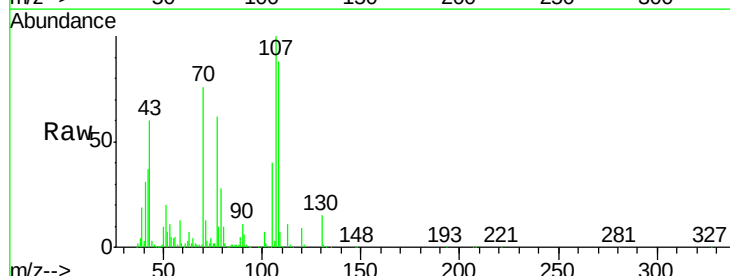
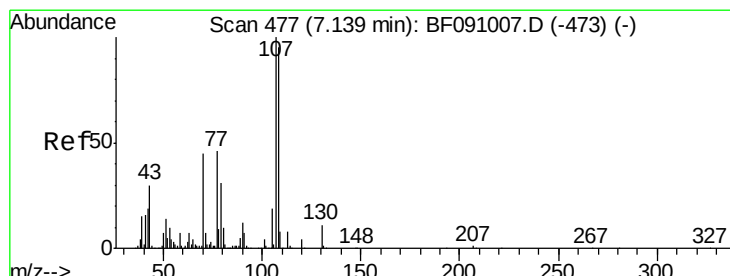
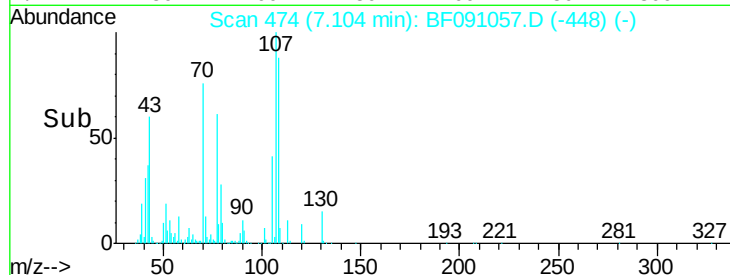
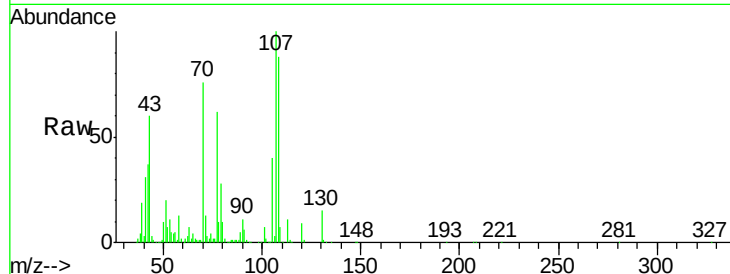
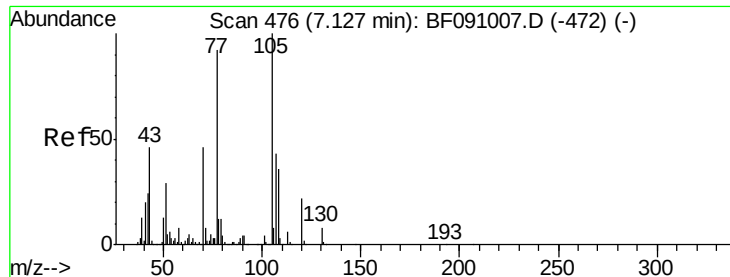
Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion:	117	Resp:	263394
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.6	115.0
201	94.9	77.1	115.7





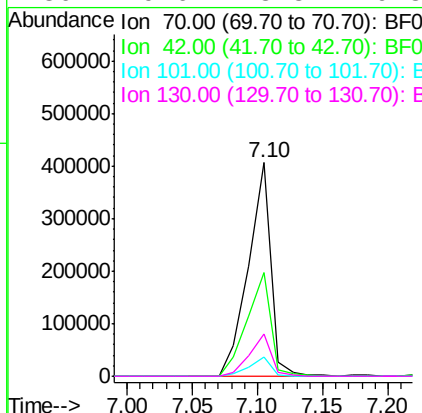
#19
n-Nitroso-di-n-propylamine
Concen: 47.11 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.6	41.7	62.5
101	9.3	6.7	10.1
130	19.6	13.8	20.8

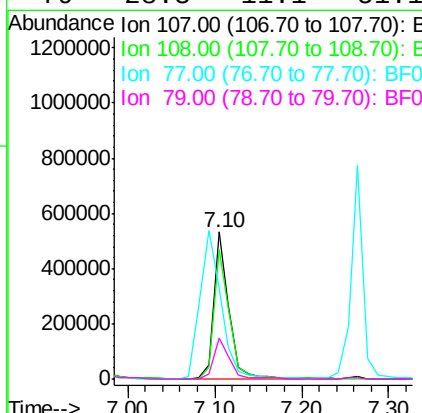
Manual Integrations
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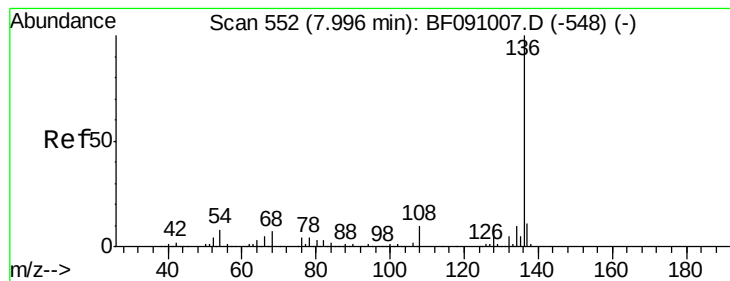
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#20
3+4-Methylphenols
Concen: 51.62 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	75.5	115.5
77	61.7	26.4	66.4
79	28.3	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: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

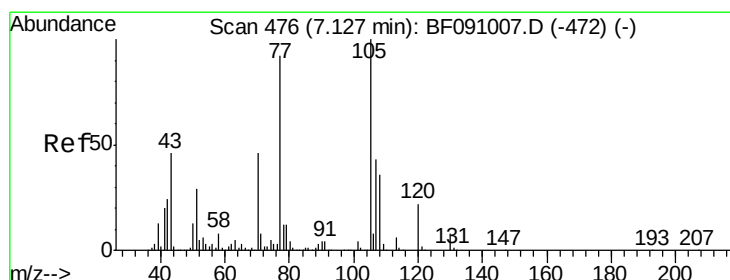
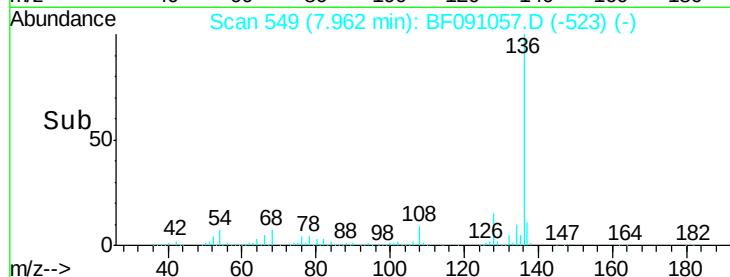
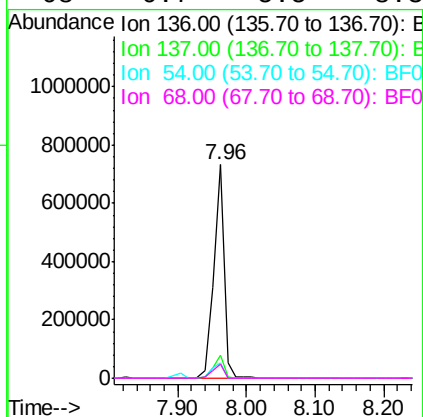
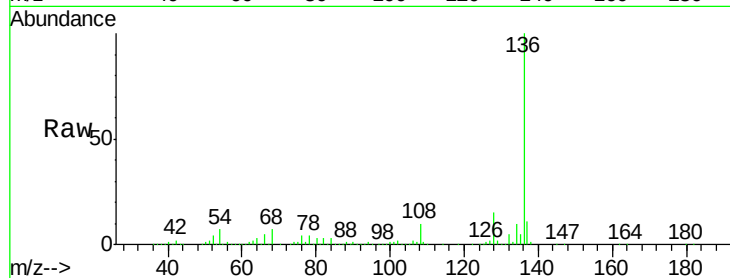
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	783038		
137	11.1		8.9	13.3
54	7.4		6.2	9.2
68	6.7		5.5	8.3

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#22

Acetophenone

Concen: 48.53 ng

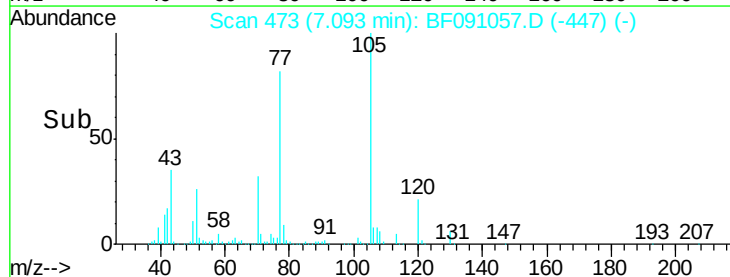
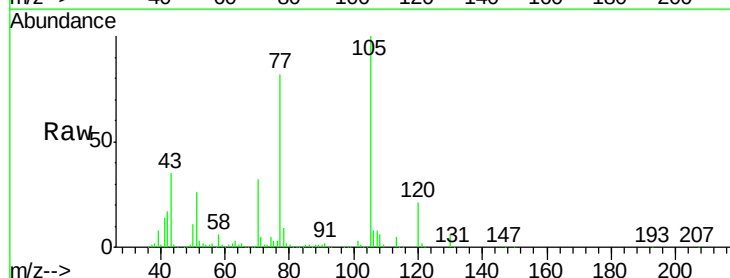
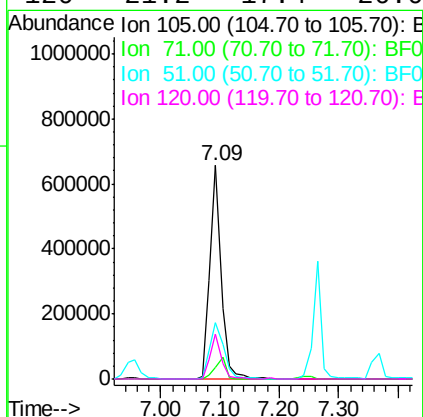
RT: 7.09 min Scan# 473

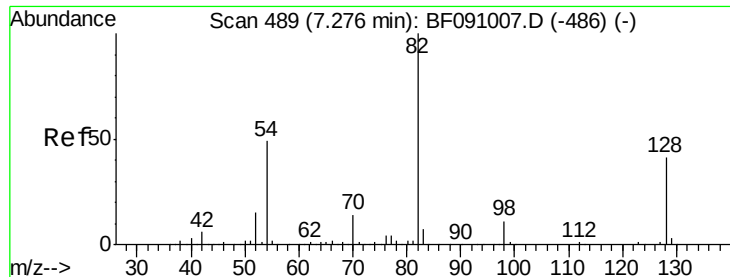
Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	874971		
71	5.4		6.2	9.2#
51	26.1		23.3	34.9
120	21.2		17.4	26.0





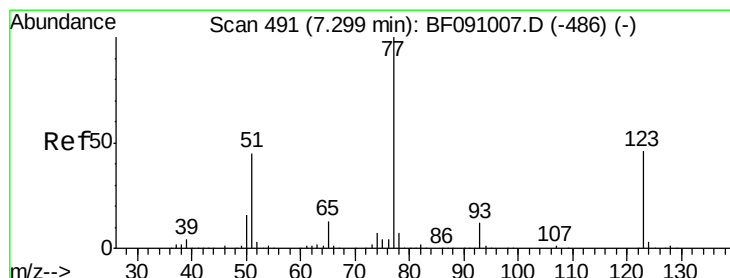
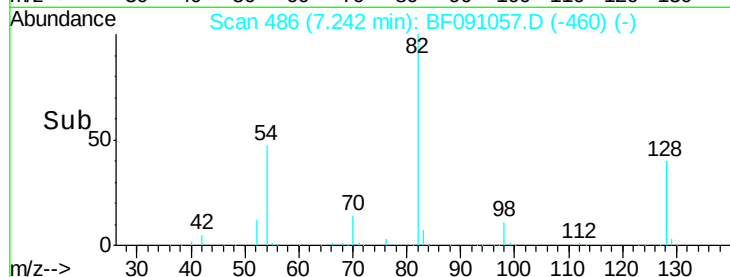
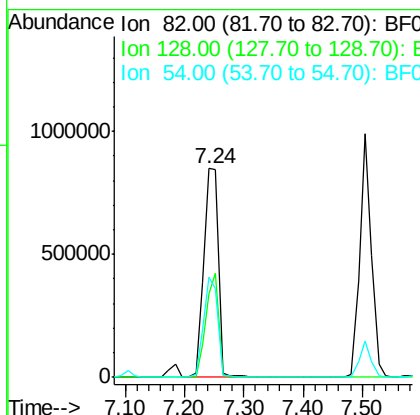
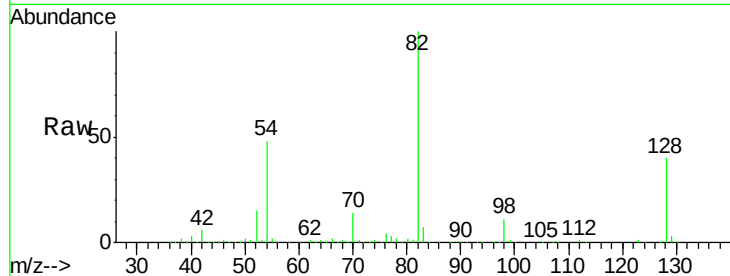
#23
 Nitrobenzene-d5
 Concen: 103.47 ng
 RT: 7.24 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampled :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion: 82 Resp: 1485245
 Ion Ratio Lower Upper
 82 100
 128 40.1 32.4 48.6
 54 48.3 39.2 58.8

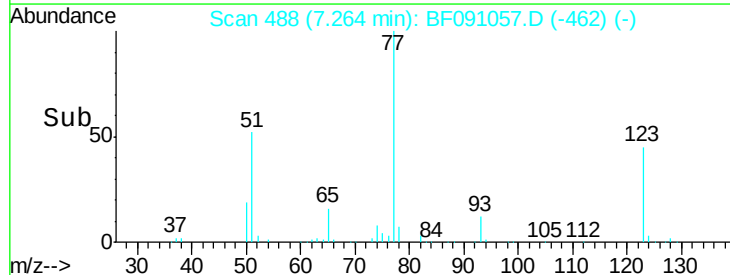
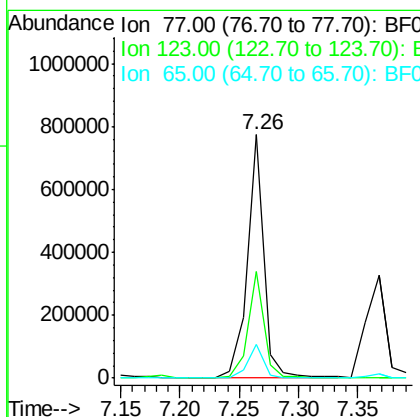
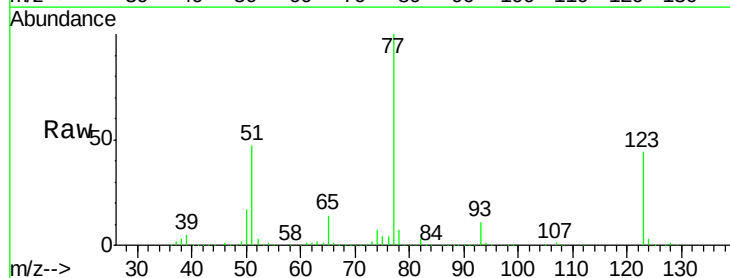
Manual Integrations
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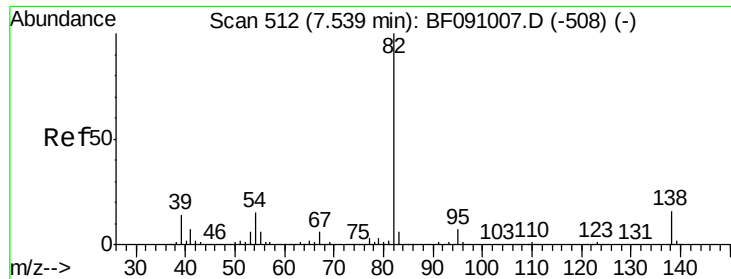
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#24
 Nitrobenzene
 Concen: 46.80 ng
 RT: 7.26 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion: 77 Resp: 741857
 Ion Ratio Lower Upper
 77 100
 123 43.6 36.5 54.7
 65 13.7 10.7 16.1





#25

Isophorone

Concen: 48.36 ng

RT: 7.50 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion: 82 Resp: 1337733

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

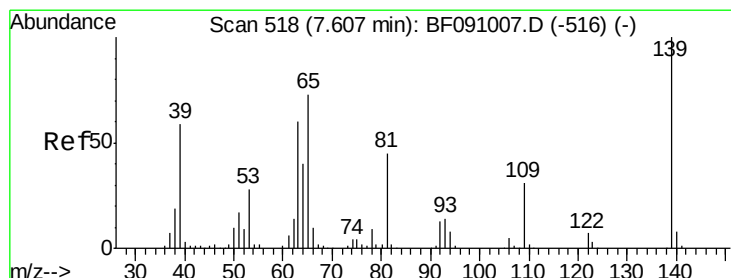
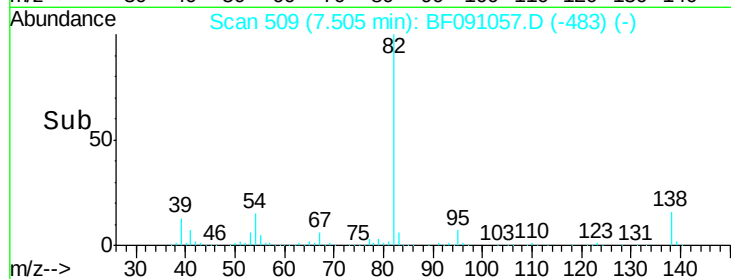
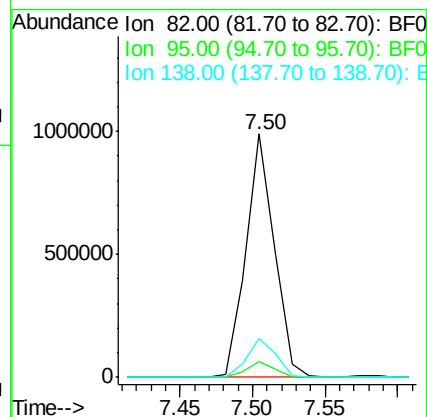
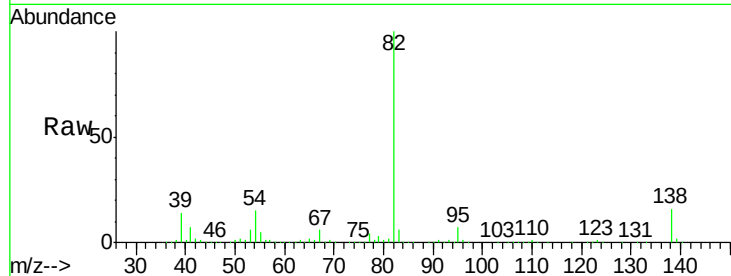
138 16.1 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 53.11 ng

RT: 7.58 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

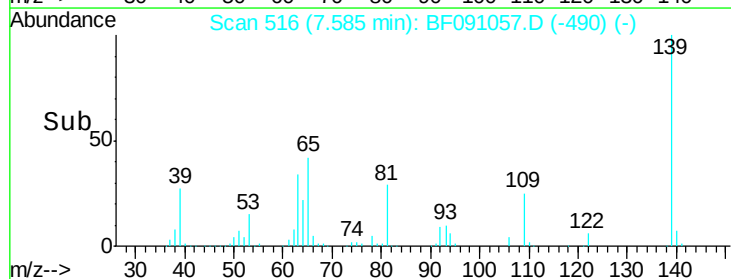
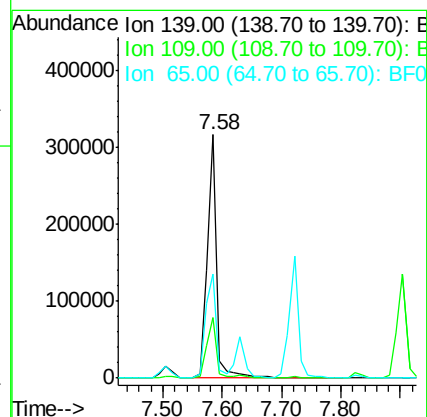
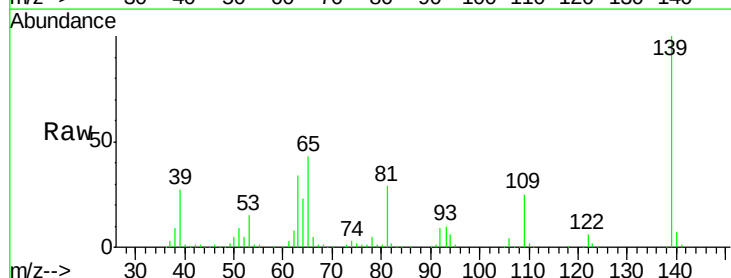
Tgt Ion: 139 Resp: 356318

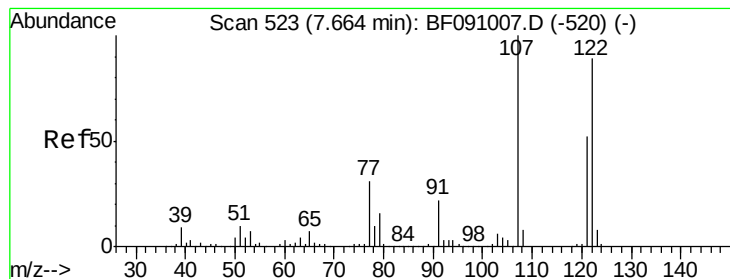
Ion Ratio Lower Upper

139 100

109 24.7 24.7 37.1#

65 42.7 58.3 87.5#





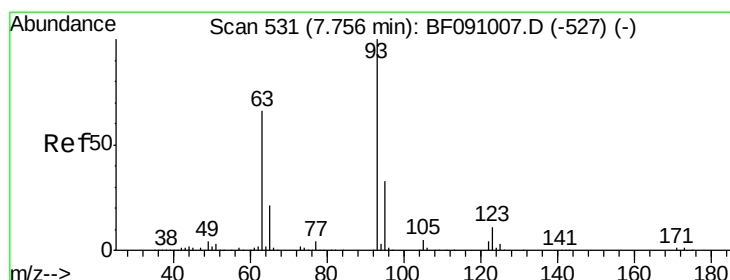
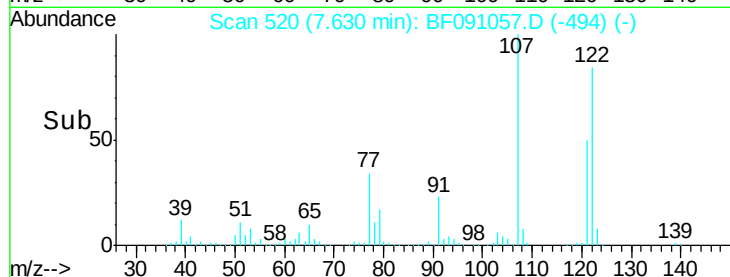
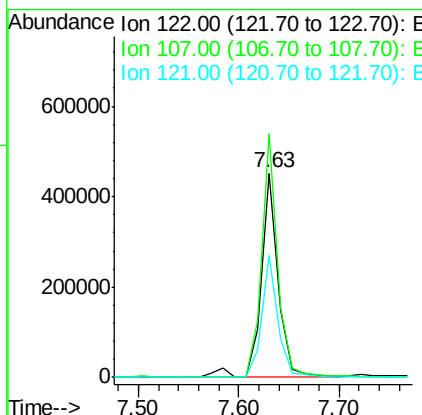
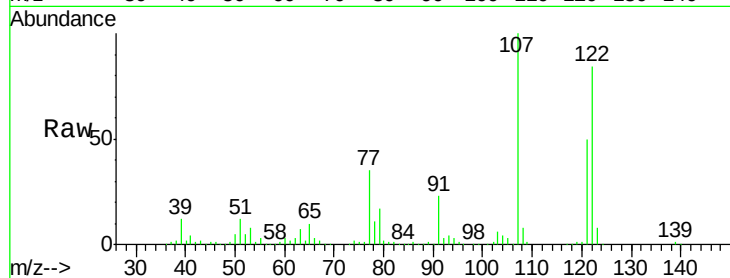
#27
 2,4-Dimethylphenol
 Concen: 48.11 ng
 RT: 7.63 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	533757		
107	119.1		89.6	134.4
121	59.4		46.3	69.5

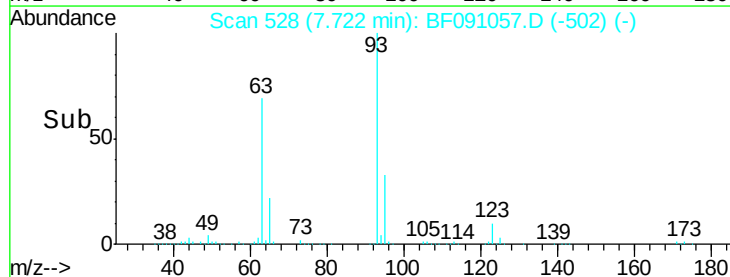
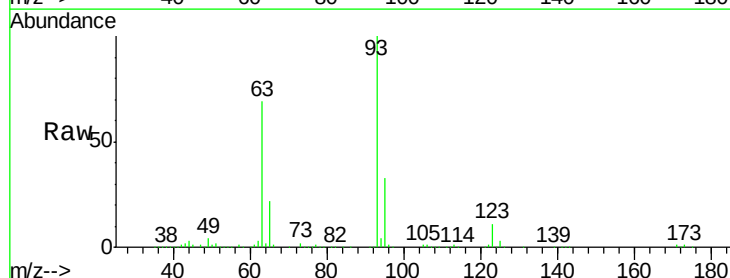
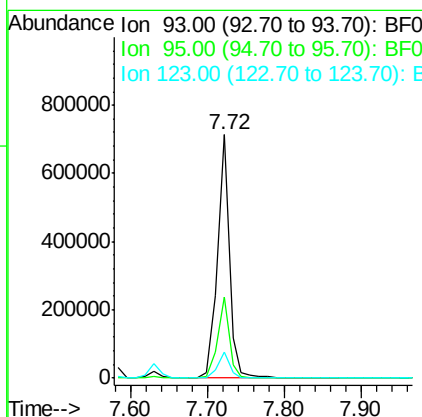
Manual Integrations
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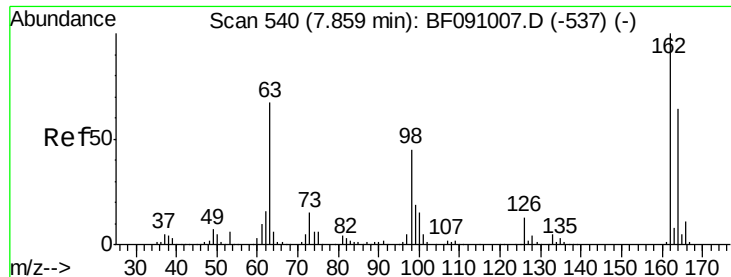
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.21 ng
 RT: 7.72 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	773775		
95	33.3		26.3	39.5
123	10.5		8.7	13.1





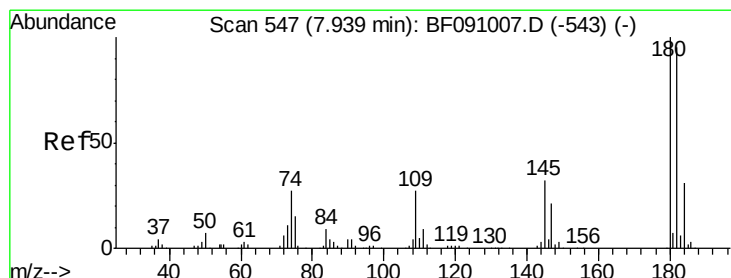
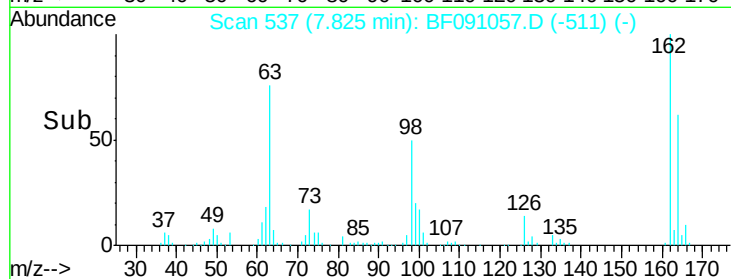
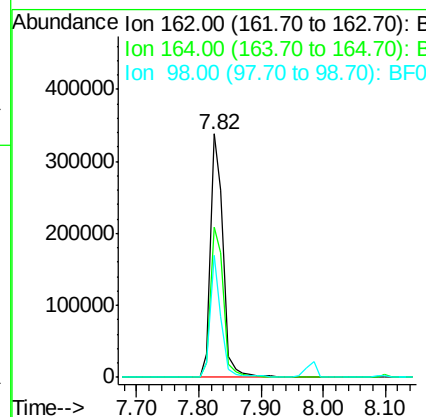
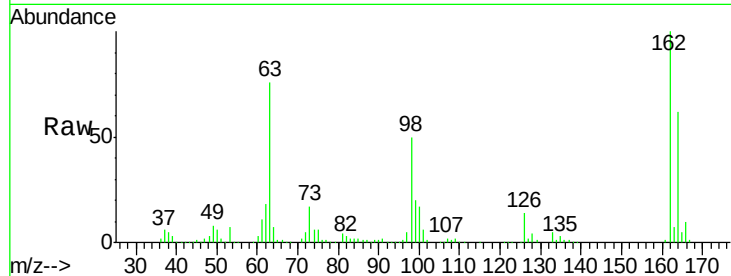
#29
2,4-Dichlorophenol
Concen: 49.29 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	44.4	84.4
98	50.1	25.2	65.2

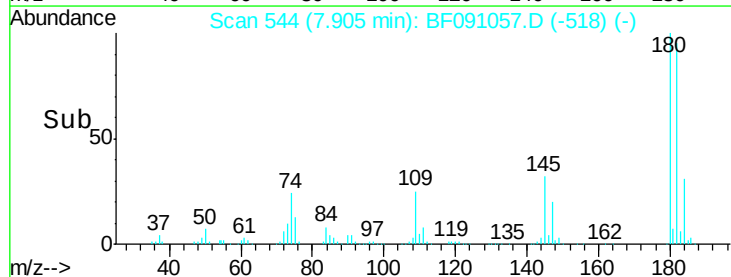
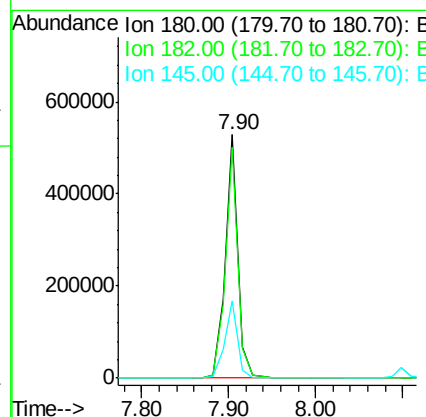
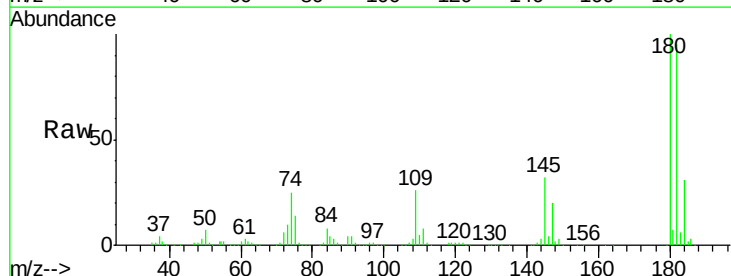
Manual Integrations
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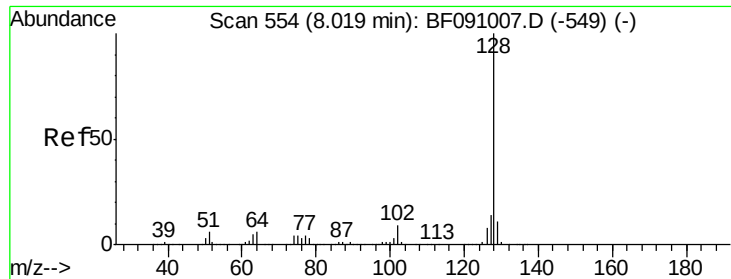
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#30
1,2,4-Trichlorobenzene
Concen: 49.57 ng
RT: 7.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	31.8	25.8	38.8





#31

Naphthalene

Concen: 49.48 ng

RT: 7.98 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:128 Resp: 1853110

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

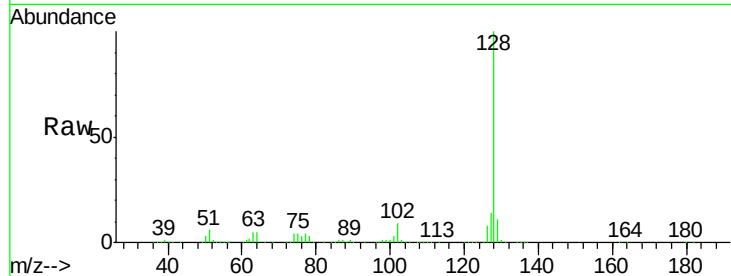
127 13.6 10.9 16.3

Manual Integrations

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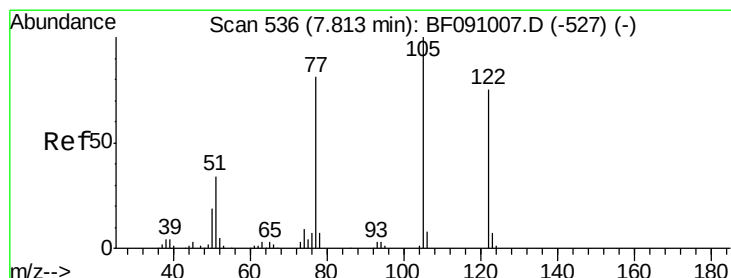
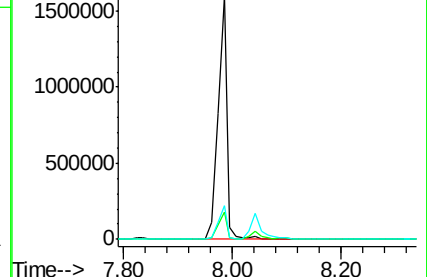
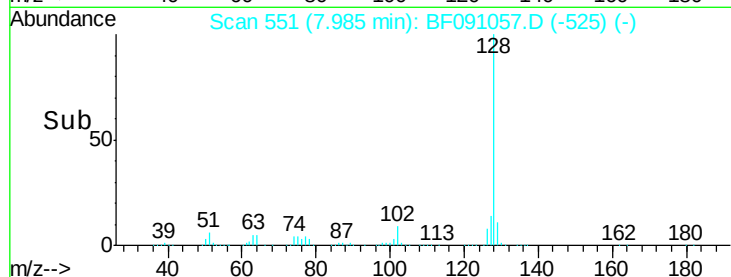
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.88 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

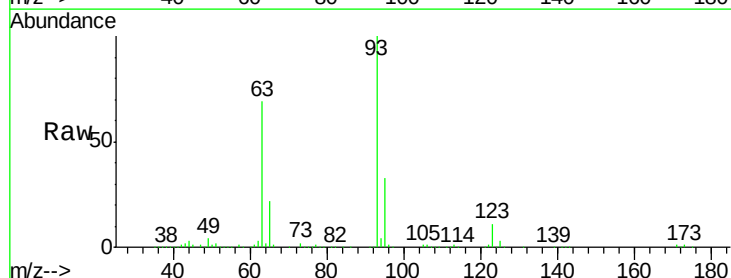
Tgt Ion:122 Resp: 17506

Ion Ratio Lower Upper

122 100

105 98.5 105.9 145.9#

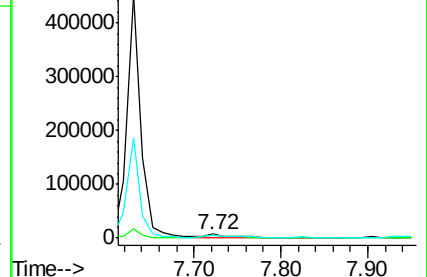
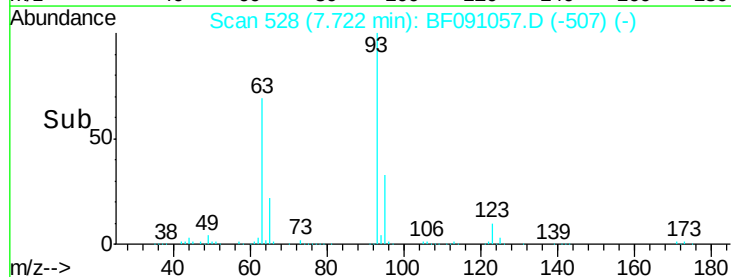
77 86.7 84.0 124.0

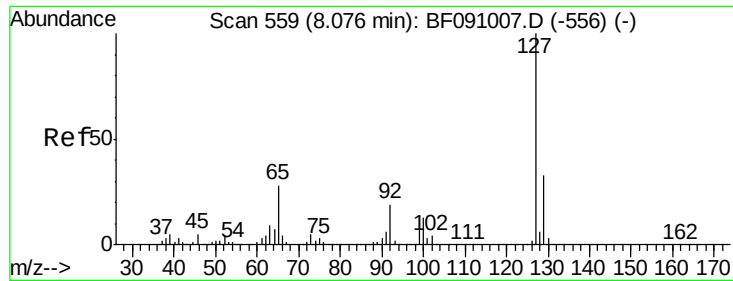


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





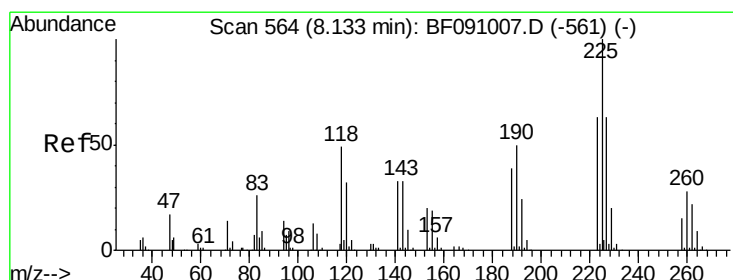
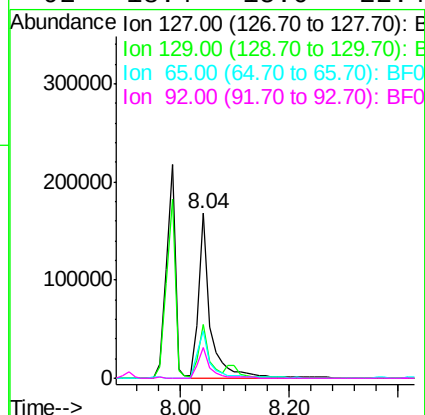
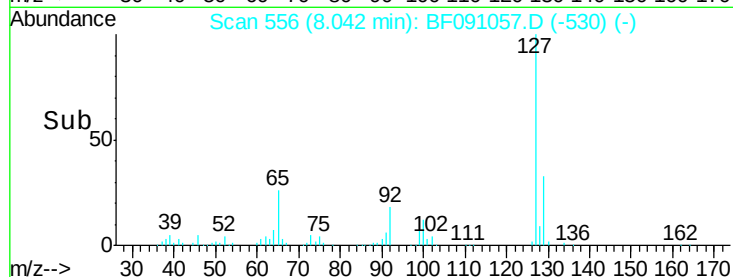
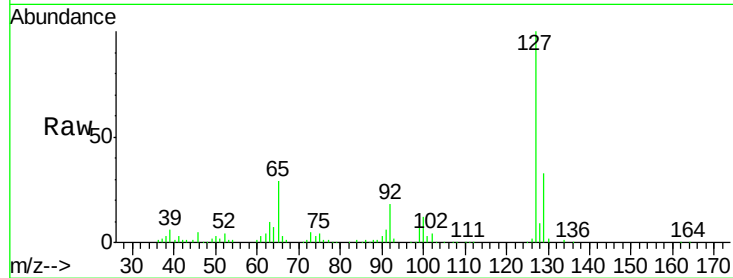
#33
4-Chloroaniline
Concen: 15.84 ng
RT: 8.04 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	39.8		
65	28.7	22.2	33.2		
92	18.4	15.0	22.4		

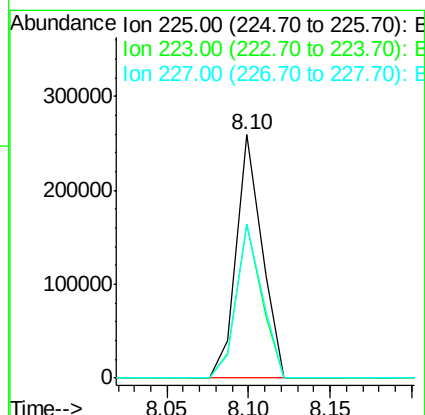
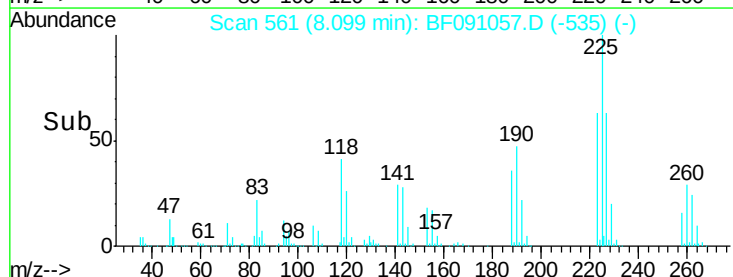
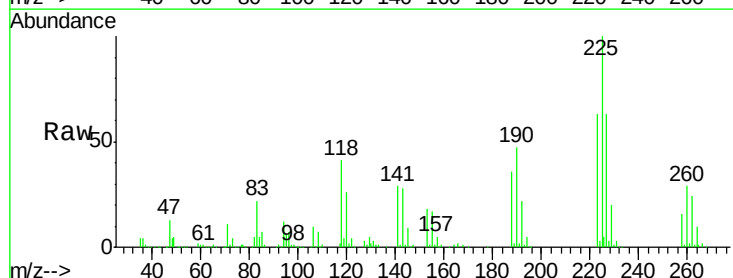
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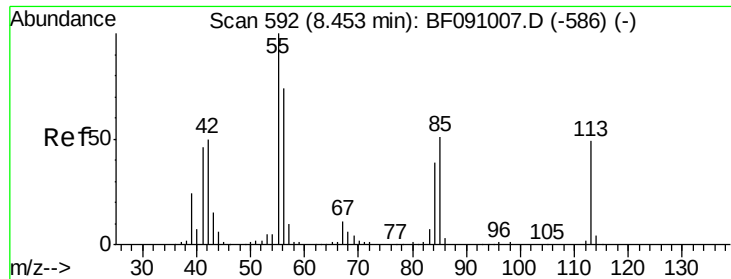
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#34
Hexachlorobutadiene
Concen: 47.88 ng
RT: 8.10 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.4	75.6		
227	63.1	50.1	75.1		





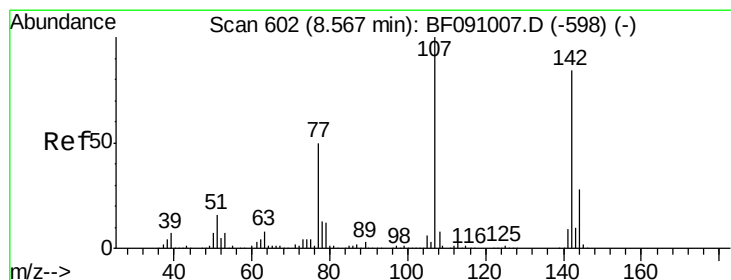
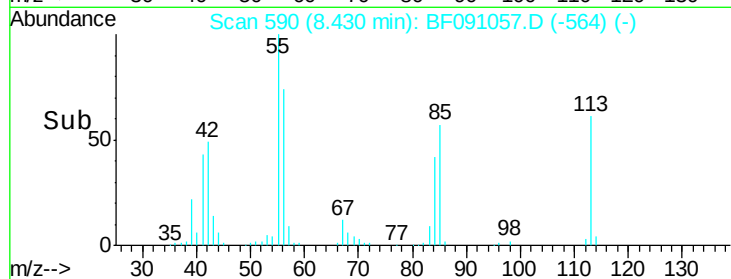
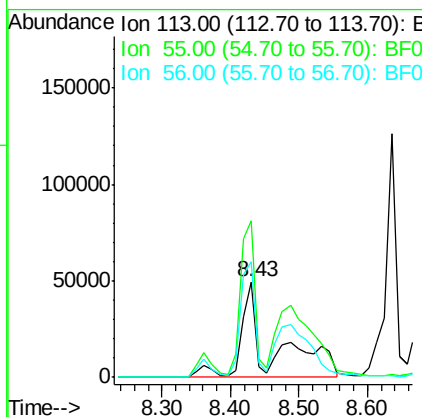
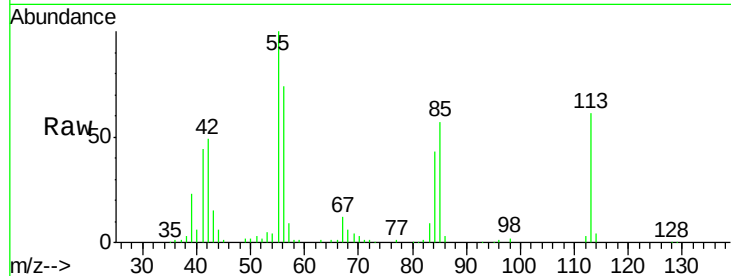
#35
 Caprolactam
 Concen: 50.37 ng/ml
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.8	184.1	224.1#
56	121.1	132.0	172.0#

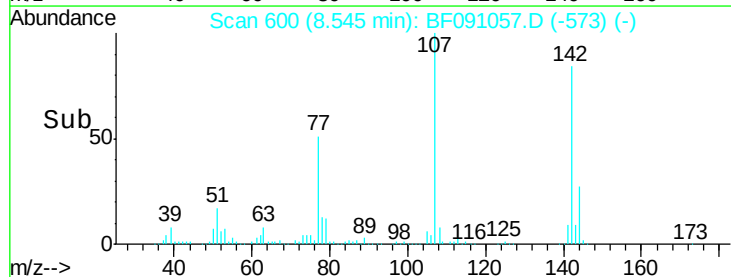
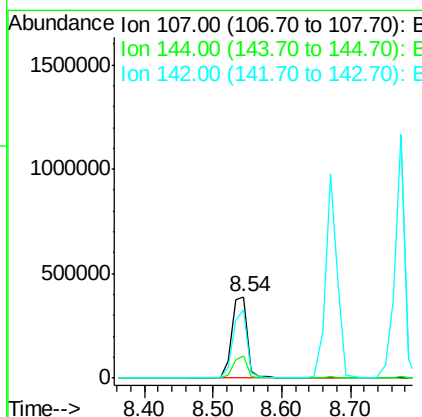
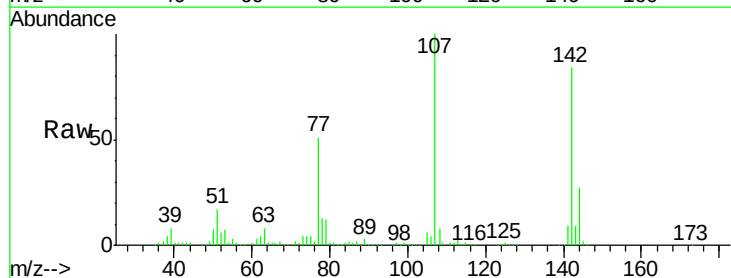
Manual Integrations
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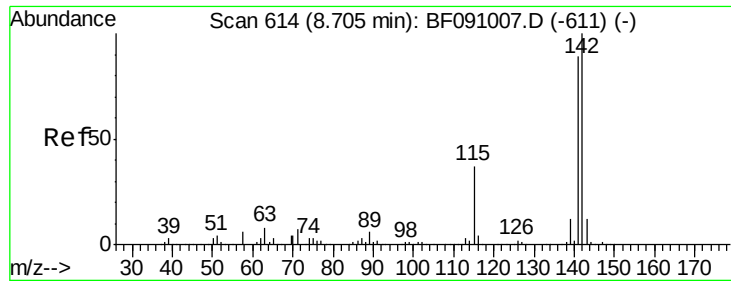
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#36
 4-Chloro-3-methylphenol
 Concen: 53.57 ng/ml
 RT: 8.54 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.5	33.7
142	84.3	67.4	101.2





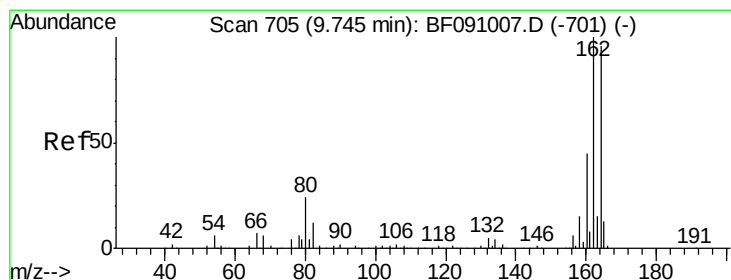
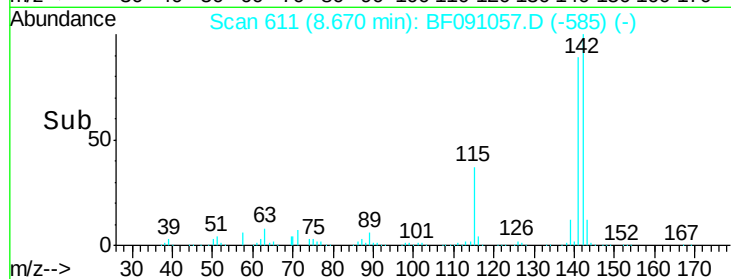
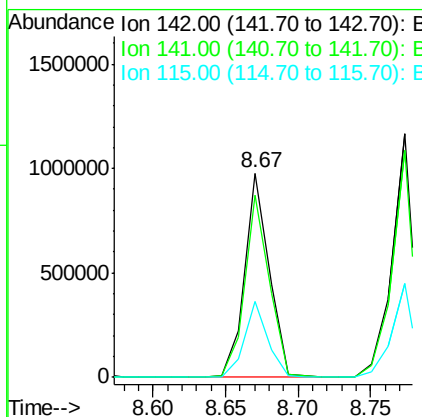
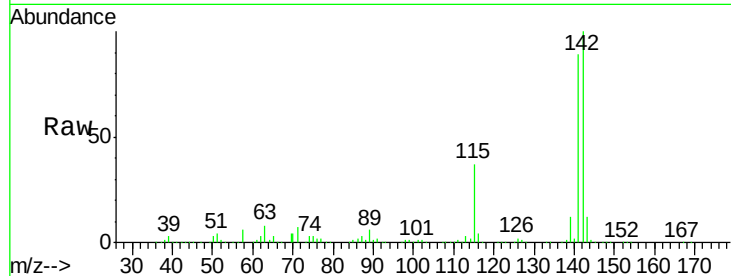
#37
2-Methylnaphthalene
Concen: 47.83 ng
RT: 8.67 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:142 Resp: 1151387
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 37.4 29.9 44.9

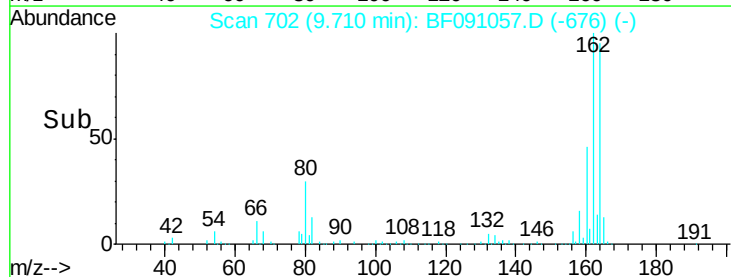
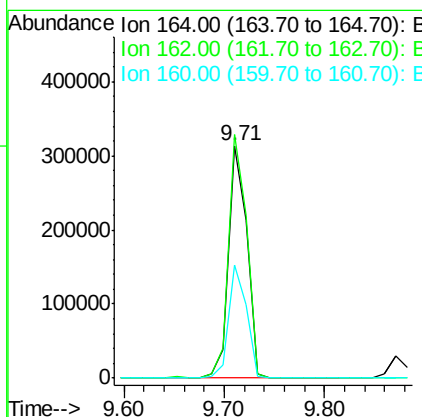
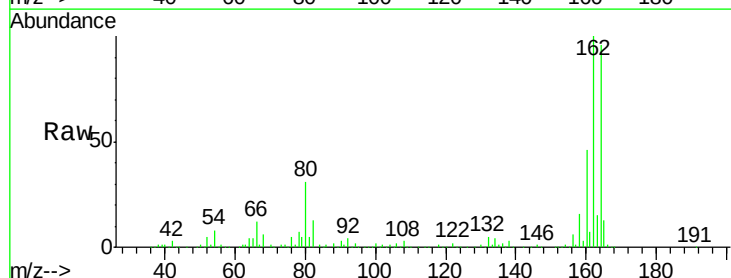
Manual Integrations
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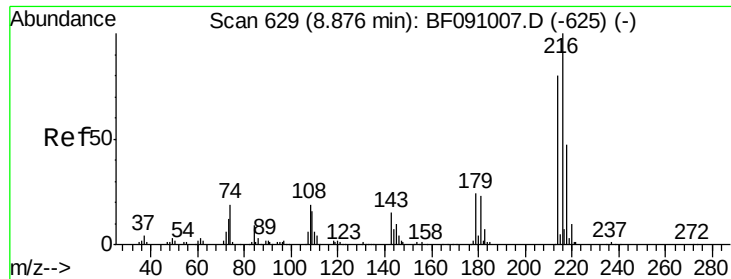
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:164 Resp: 397485
Ion Ratio Lower Upper
164 100
162 104.7 83.6 125.4
160 48.3 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.92 ng

RT: 8.84 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

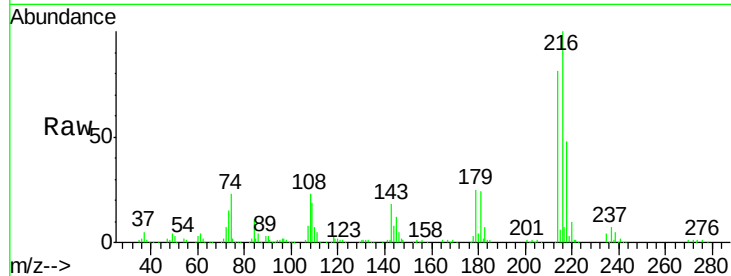
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		516061		
214	79.8		63.5	95.3	
179	23.5		19.1	28.7	
108	24.6		17.5	26.3	

Manual Integrations
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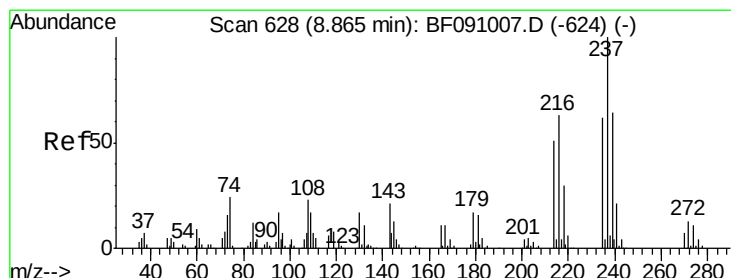
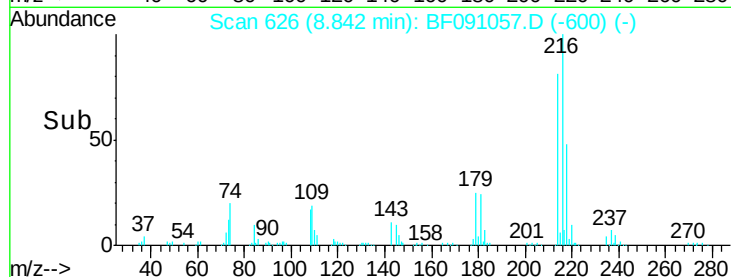
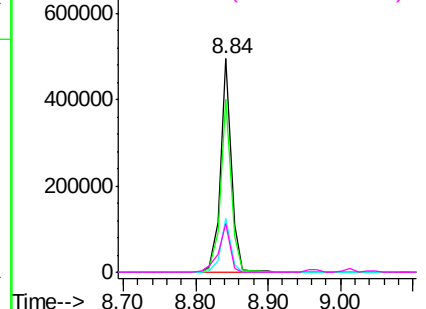


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 119.71 ng

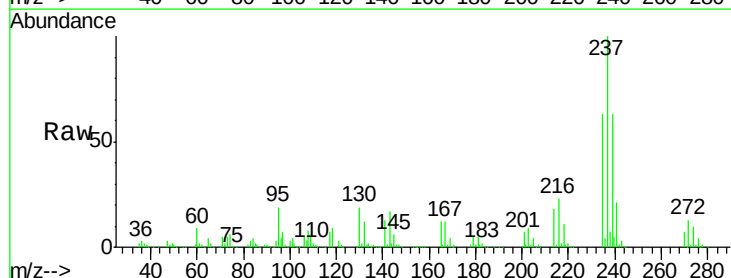
RT: 8.83 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

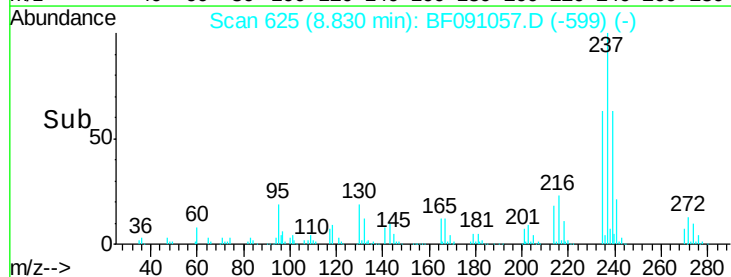
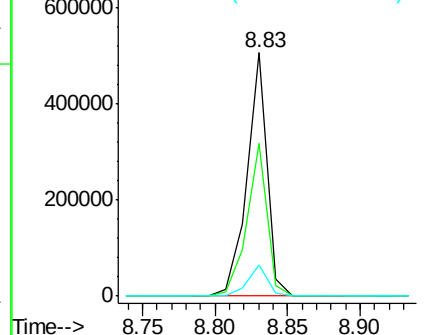
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		485182		
235	63.0		42.1	82.1	
272	13.0		0.0	33.1	

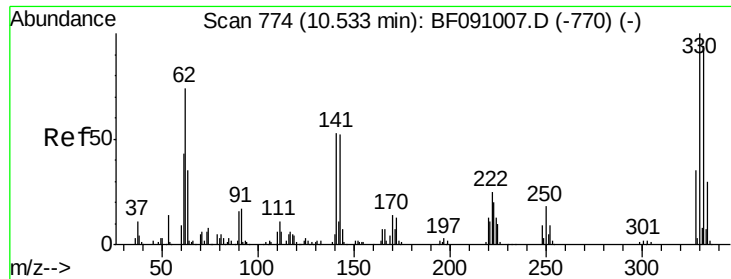


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





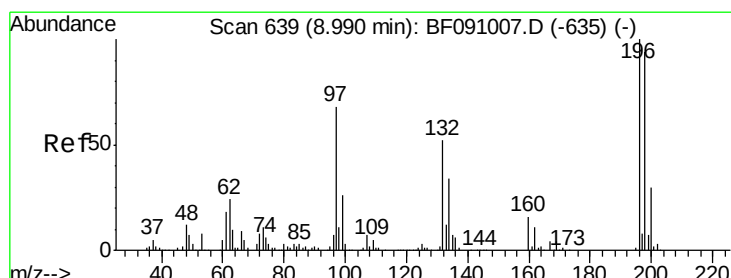
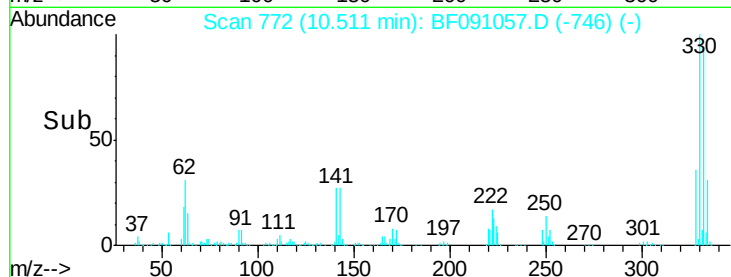
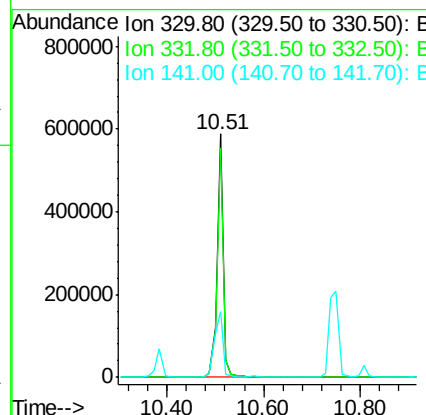
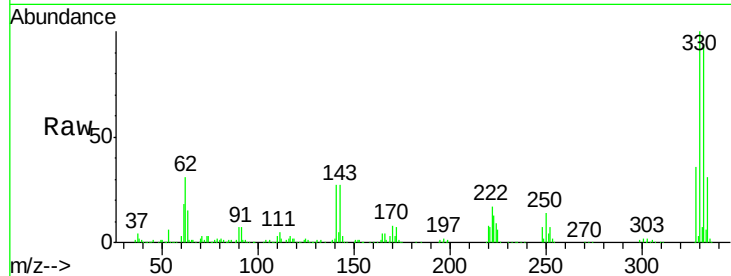
#41
 2,4,6-Tribromophenol
 Concen: 150.77 ng
 RT: 10.51 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	75.9	113.9	
141	36.6	36.1	54.1	

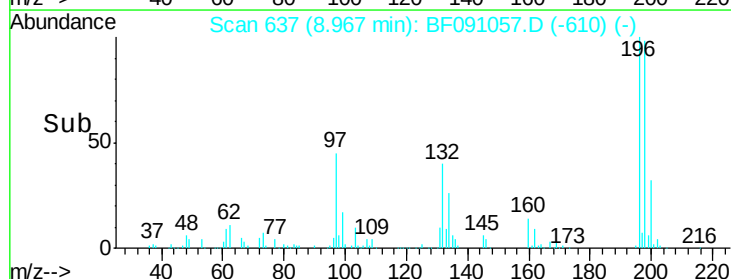
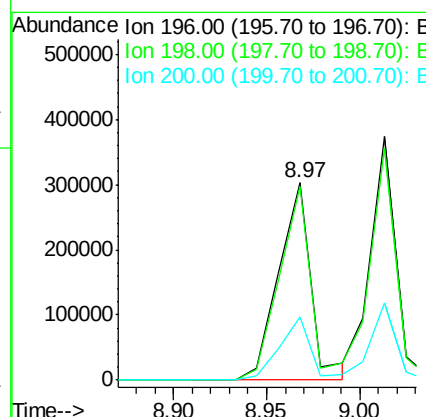
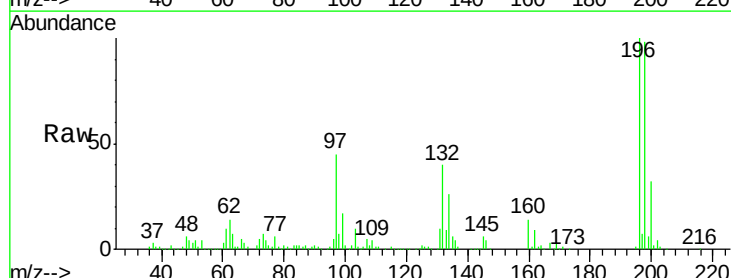
Manual Integrations
 APPROVED

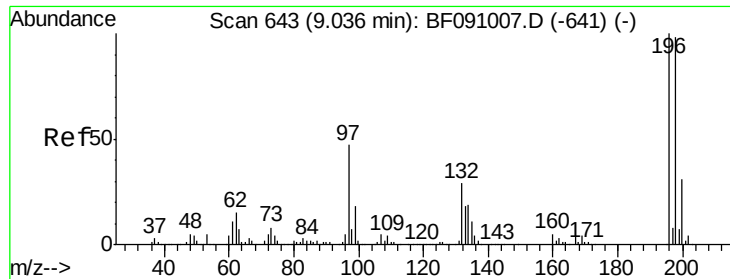
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#42
 2,4,6-Trichlorophenol
 Concen: 55.79 ng
 RT: 8.97 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	75.4	113.0	
200	31.9	24.1	36.1	





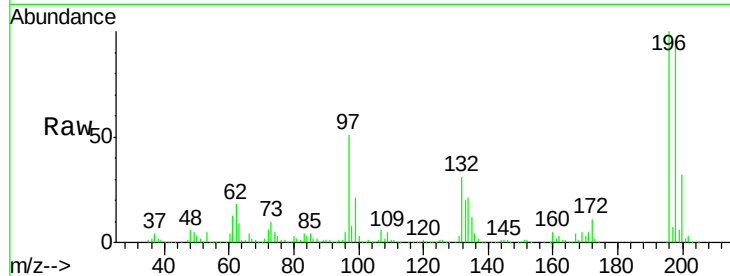
#43
2,4,5-Trichlorophenol
Concen: 53.15 ng
RT: 9.01 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

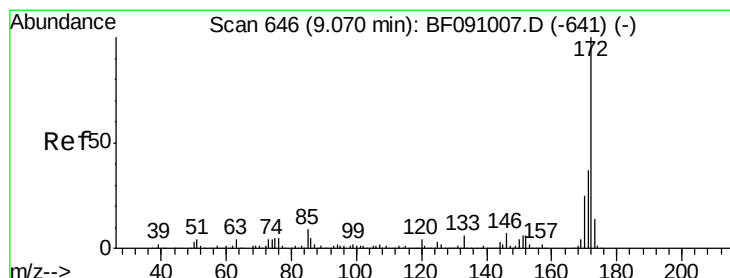
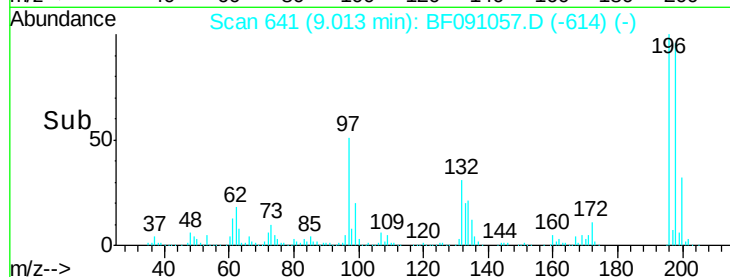
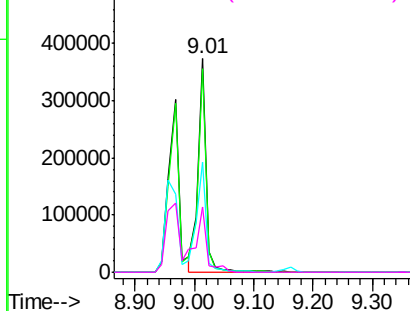
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		365088		
198	95.5	78.2	117.4		
97	51.5	38.8	58.2		
132	30.6	23.5	35.3		

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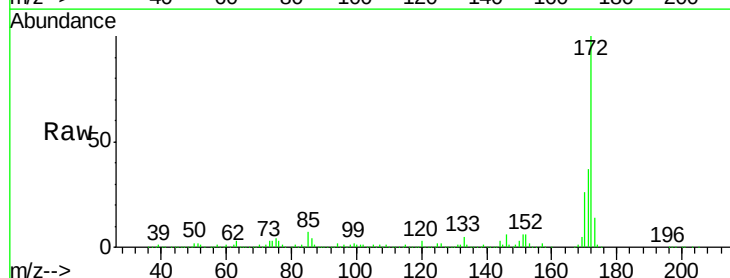


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

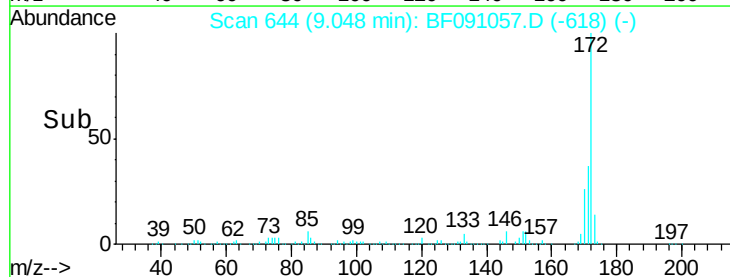
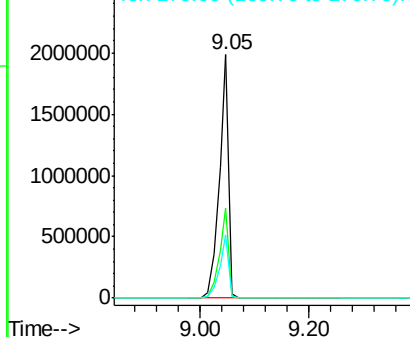


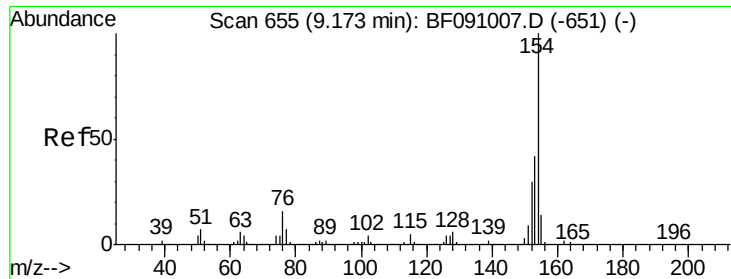
#44
2-Fluorobiphenyl
Concen: 104.28 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2407576		
171	37.0	29.8	44.6		
170	25.7	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





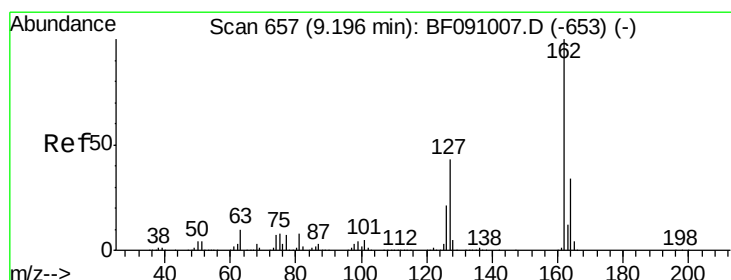
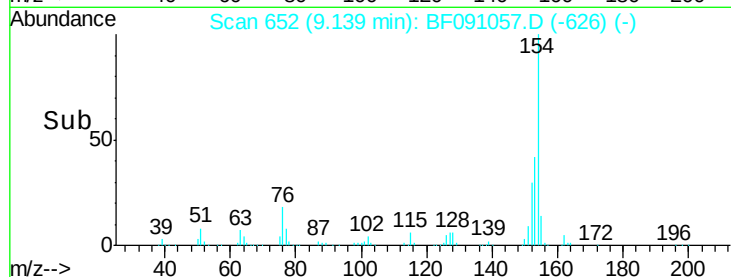
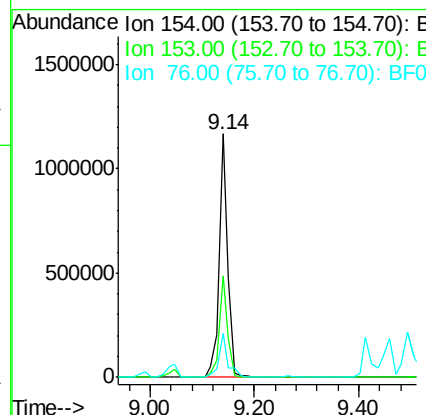
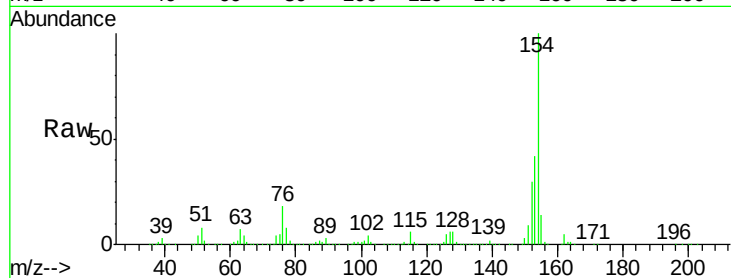
#45
 1,1'-Biphenyl
 Concen: 46.04 ng
 RT: 9.14 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.6	61.6
76	18.0	0.0	36.2

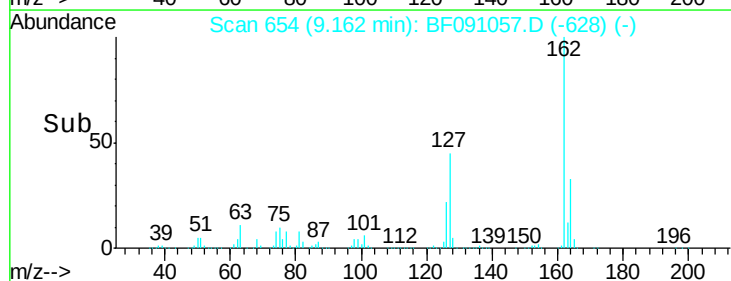
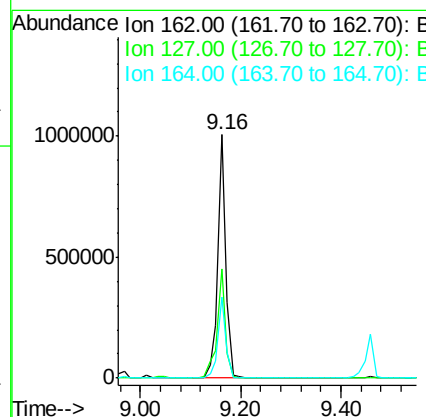
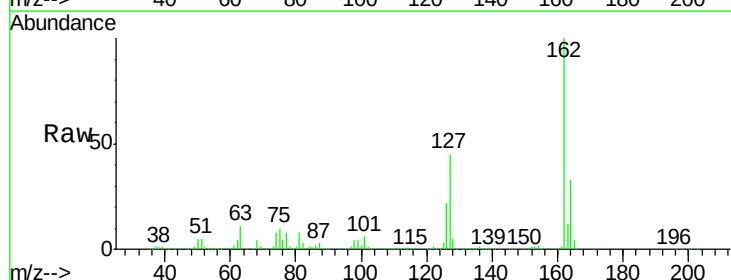
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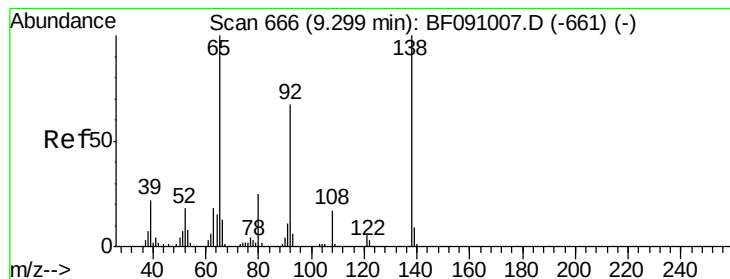
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#46
 2-Chloronaphthalene
 Concen: 50.77 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.9	34.7	52.1
164	33.2	27.0	40.4





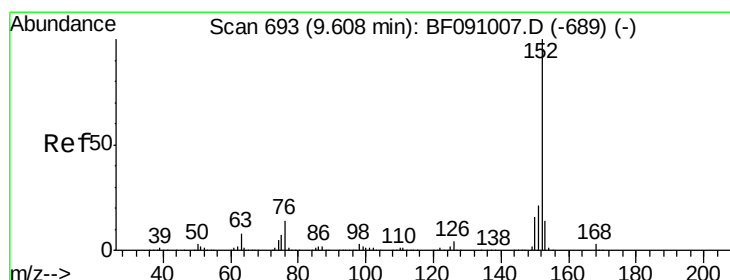
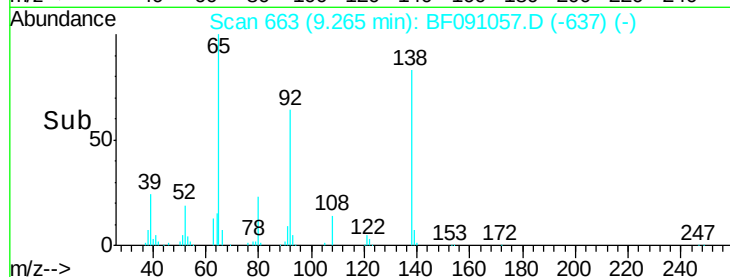
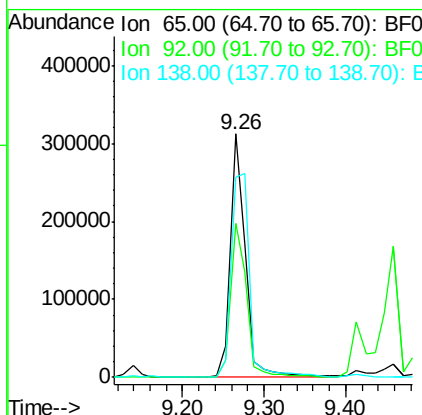
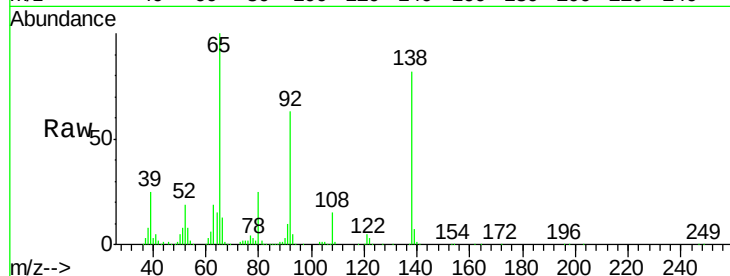
#47
2-Nitroaniline
Concen: 49.09 ng
RT: 9.26 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	53.9	80.9
138	82.0	80.1	120.1

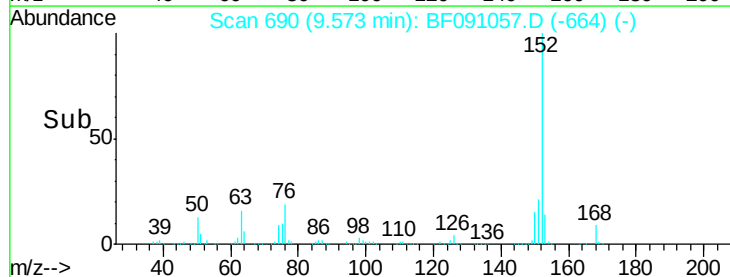
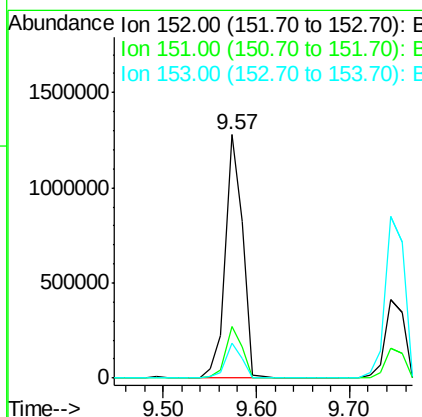
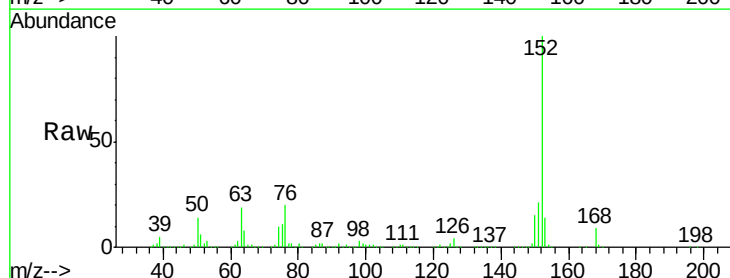
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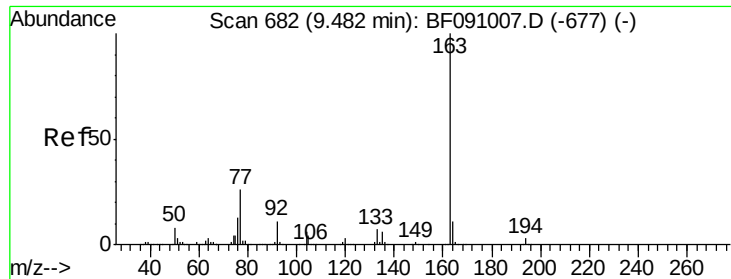
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#48
Acenaphthylene
Concen: 48.00 ng
RT: 9.57 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	14.2	11.1	16.7





#49

Dimethylphthalate

Concen: 70.95 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:163 Resp: 1849143

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

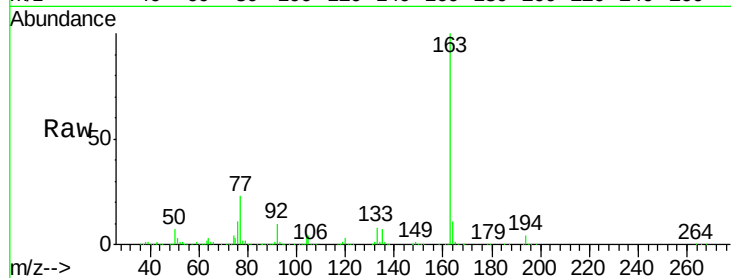
164 11.0 8.7 13.1

Manual Integrations

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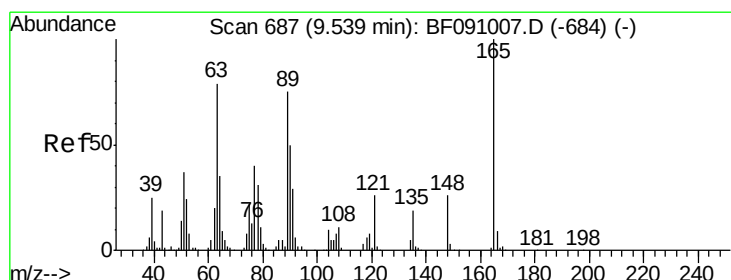
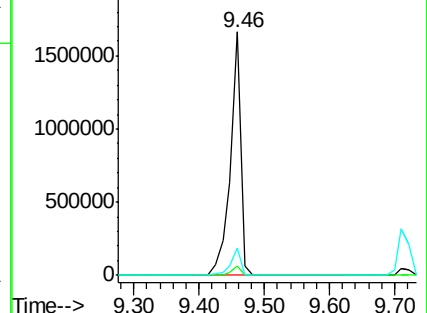
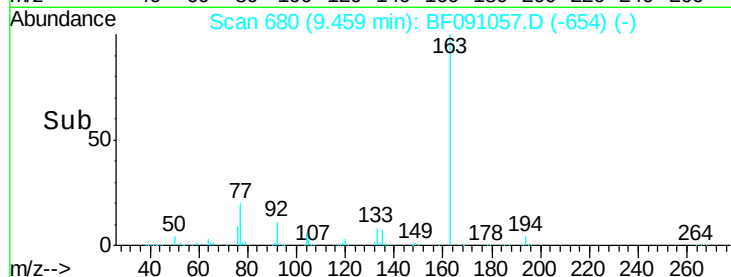
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.39 ng

RT: 9.52 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

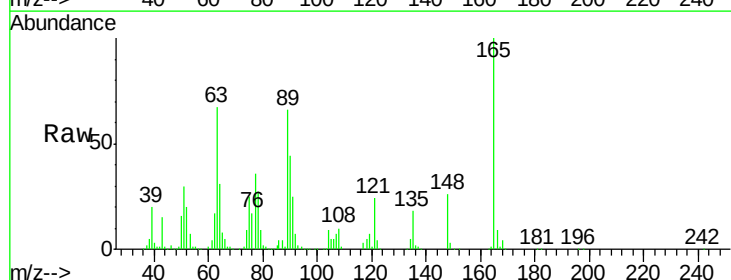
Tgt Ion:165 Resp: 292622

Ion Ratio Lower Upper

165 100

63 66.6 65.6 98.4

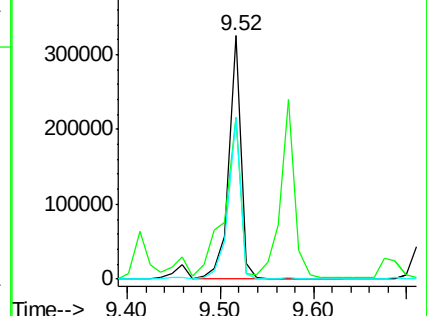
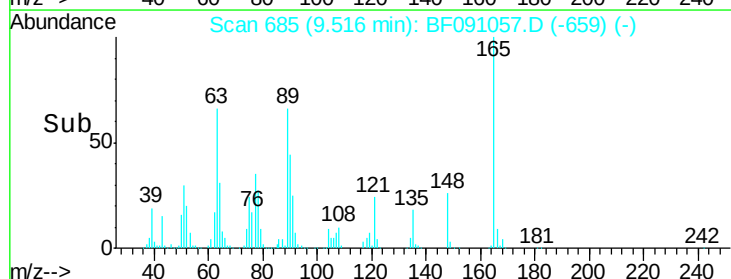
89 66.4 59.8 89.6

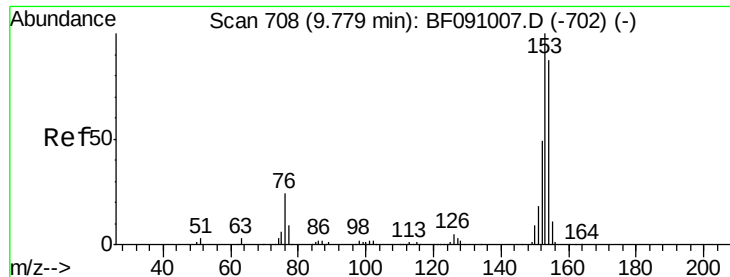


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.80 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:154 Resp: 1052228

Ion Ratio Lower Upper

154 100

153 114.6 91.6 137.4

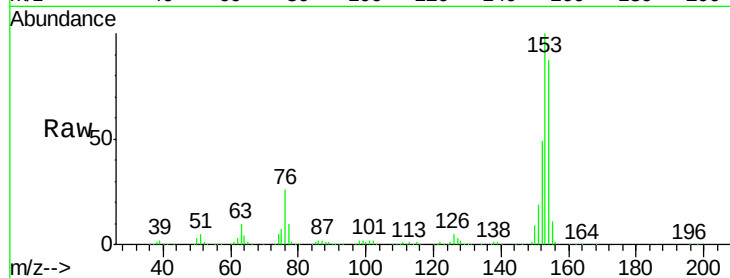
152 55.6 44.6 67.0

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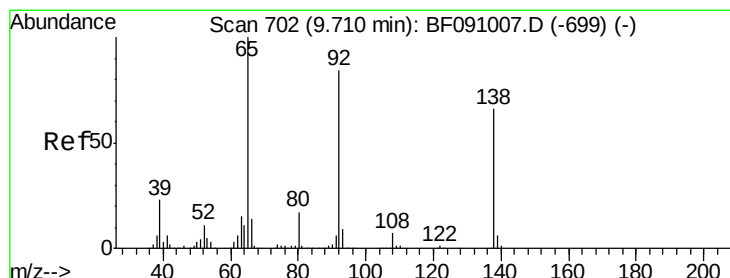
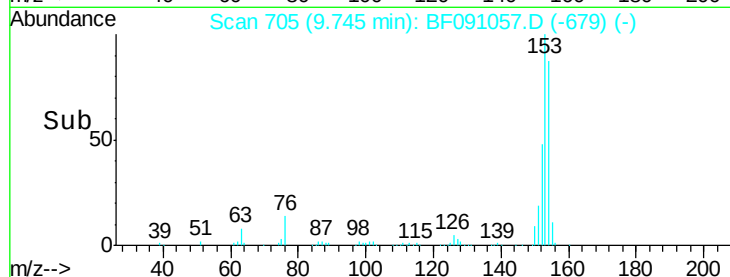
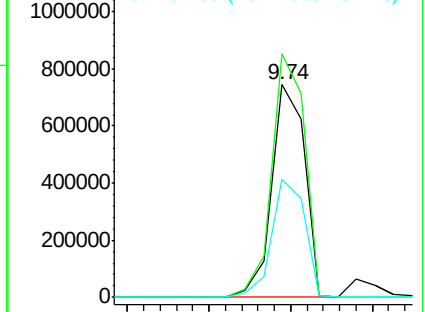
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.63 ng

RT: 9.69 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

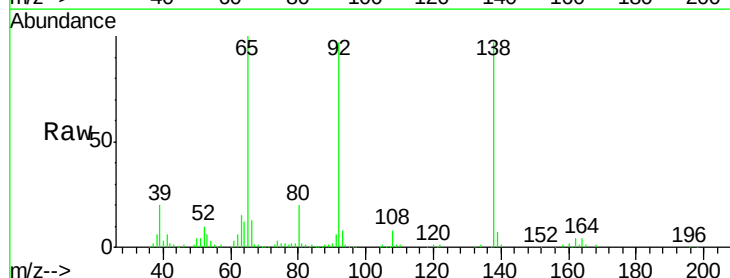
Tgt Ion:138 Resp: 216110

Ion Ratio Lower Upper

138 100

108 8.7 8.4 12.6

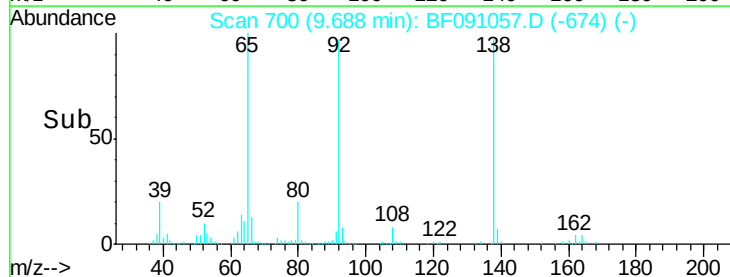
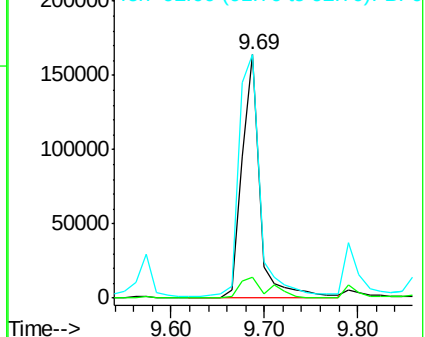
92 100.1 101.1 151.7#

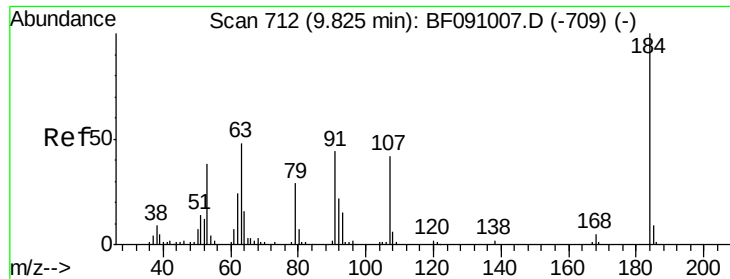


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





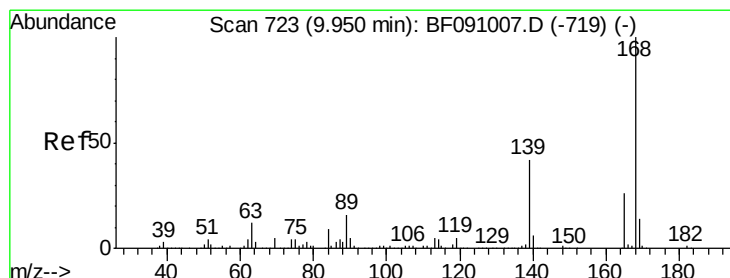
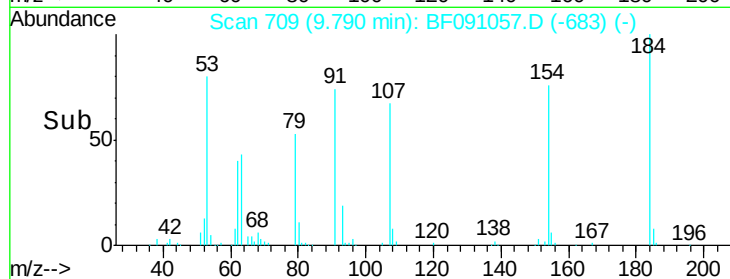
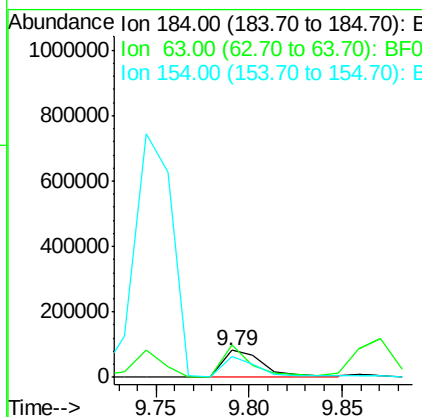
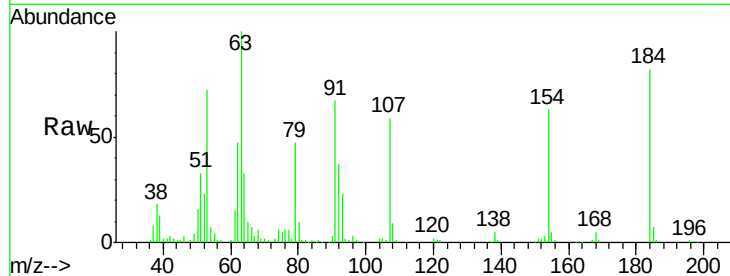
#53
 2,4-Dinitrophenol
 Concen: 44.93 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	127657		
63	122.1	45.5	68.3#	
154	76.5	51.0	76.4#	

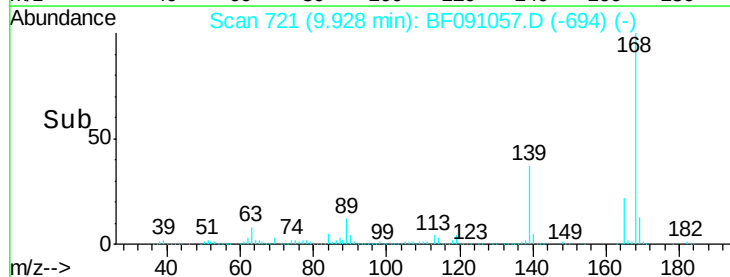
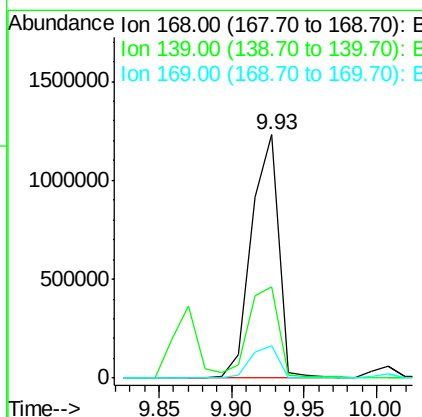
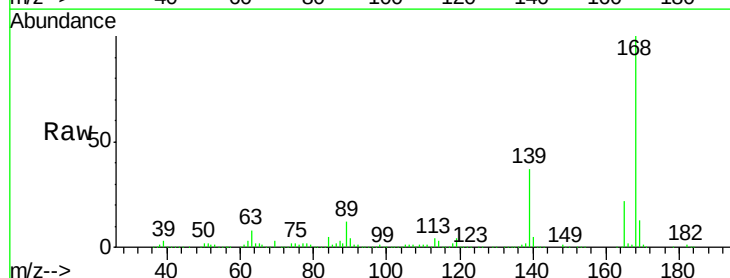
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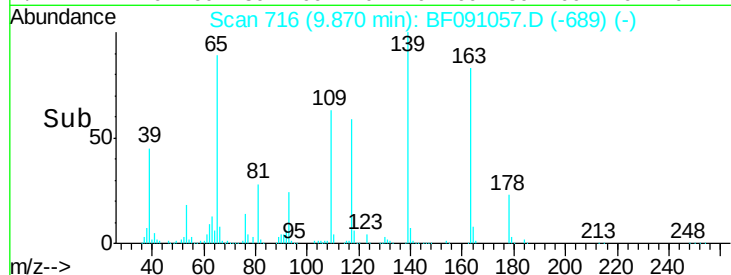
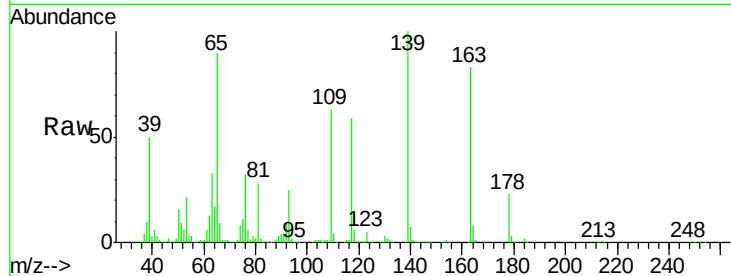
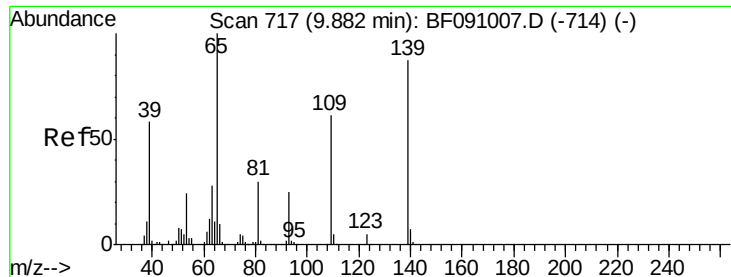
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#54
 Dibenzofuran
 Concen: 55.01 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1596438		
139	37.4	34.8	52.2	
169	13.4	11.4	17.2	





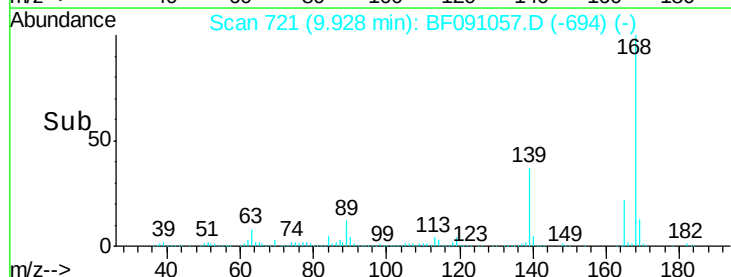
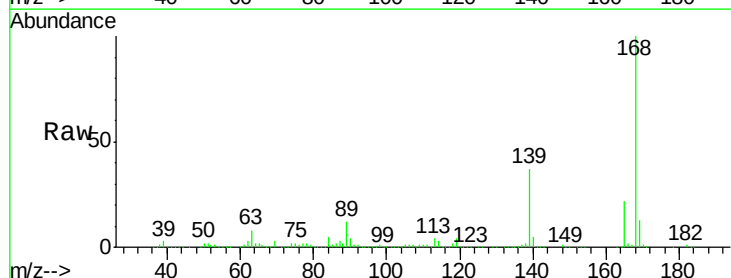
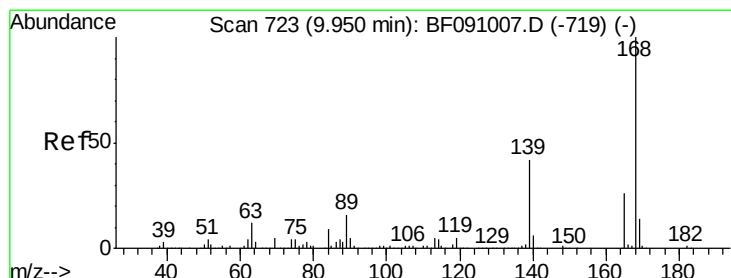
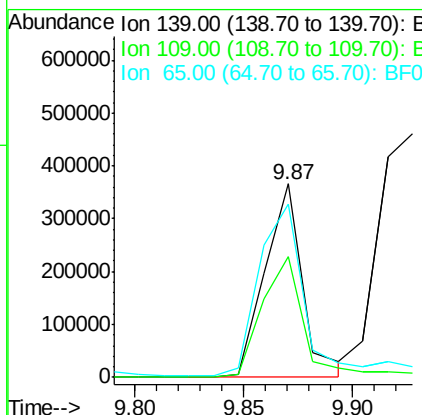
#55
4-Nitrophenol
Concen: 98.70 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.8	50.5	90.5
65	89.7	97.1	137.1#

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

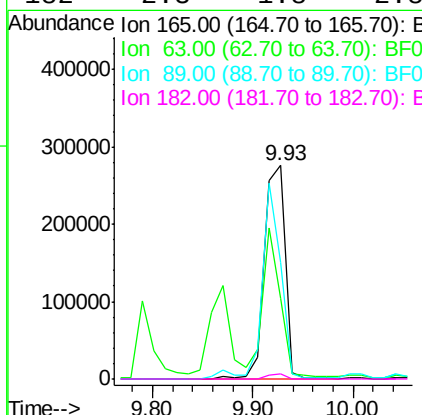
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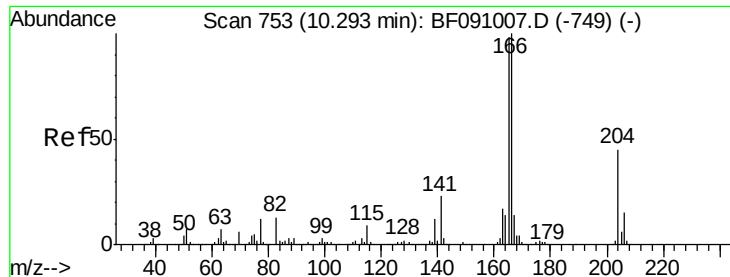
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#56
2,4-Dinitrotoluene
Concen: 56.21 ng
RT: 9.93 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.6	38.7	58.1#
89	54.8	50.6	76.0
182	2.3	1.8	2.8





#57

Fluorene

Concen: 51.55 ng

RT: 10.27 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:166 Resp: 1222893

Ion Ratio Lower Upper

166 100

165 100.3 78.6 118.0

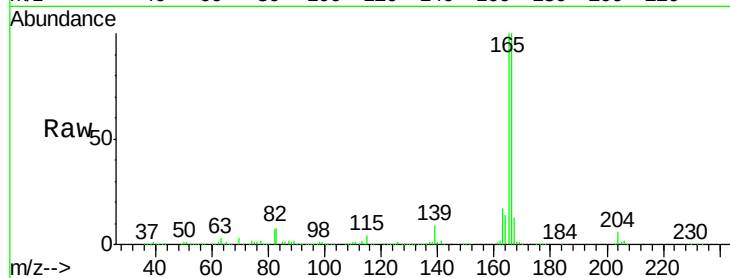
167 13.4 11.1 16.7

Manual Integrations

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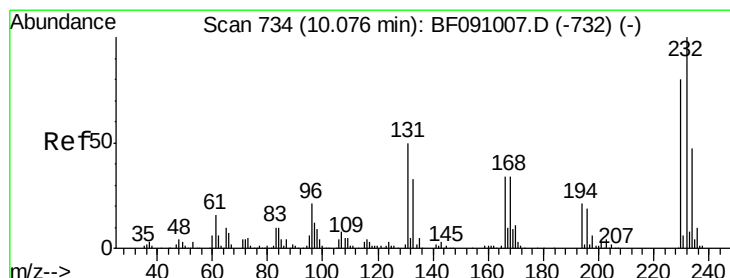
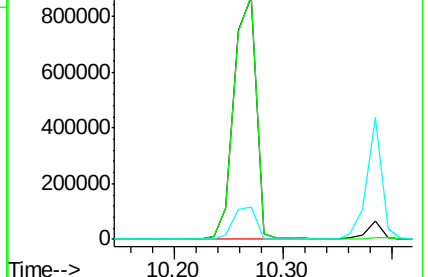
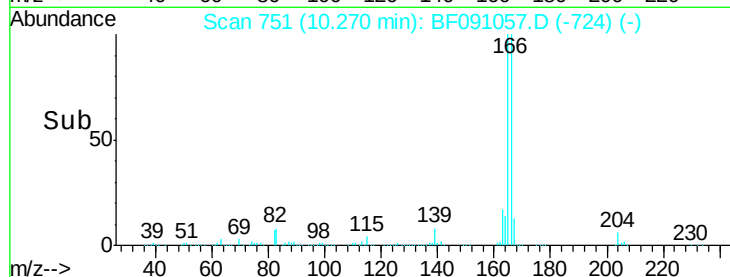
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.33 ng

RT: 10.05 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion:232 Resp: 276205

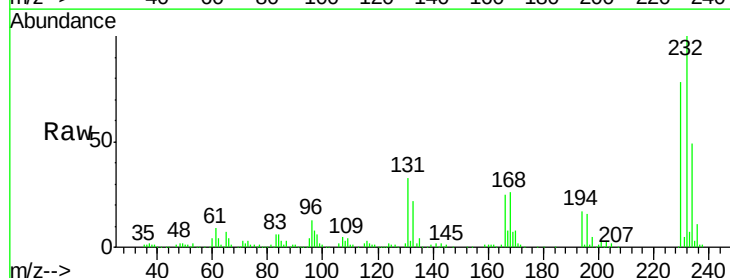
Ion Ratio Lower Upper

232 100

131 55.4 43.6 65.4

130 2.7 2.0 3.0

166 34.6 27.4 41.2

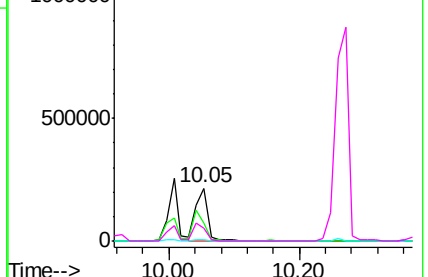
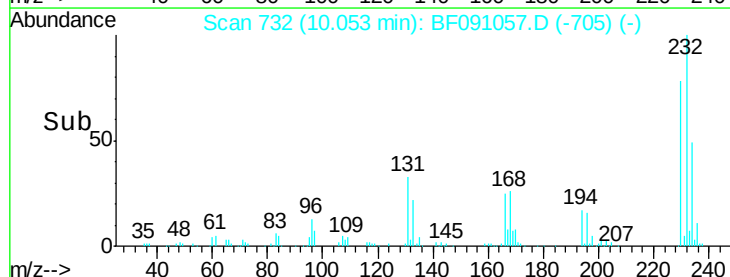


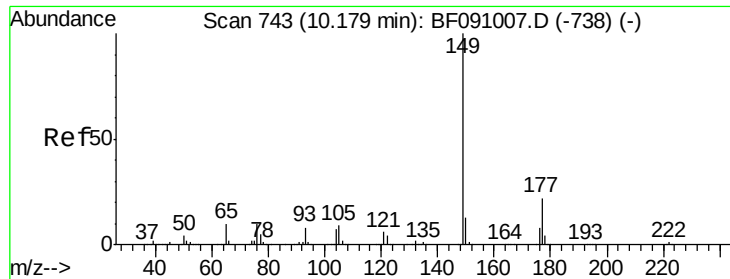
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





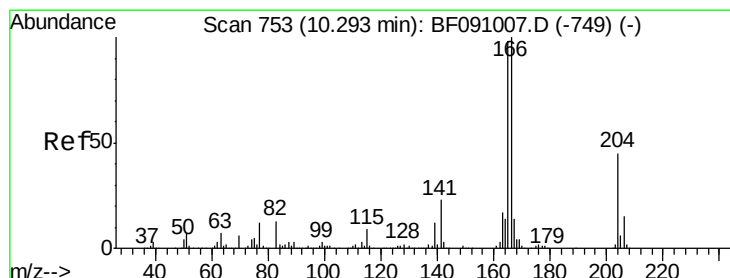
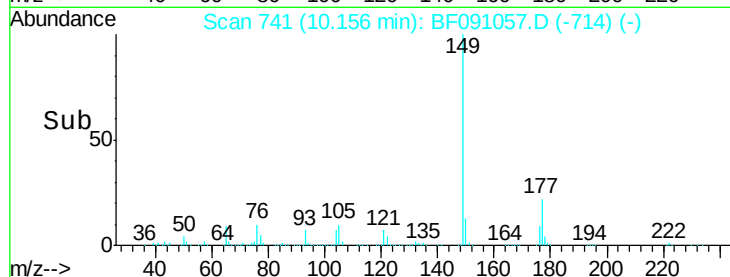
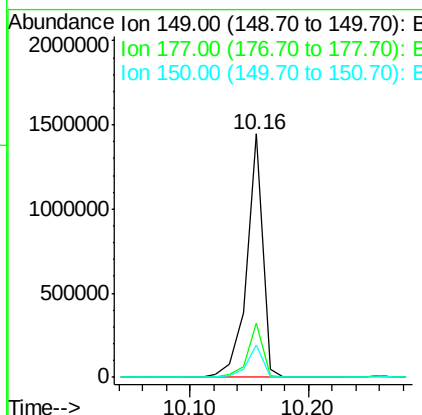
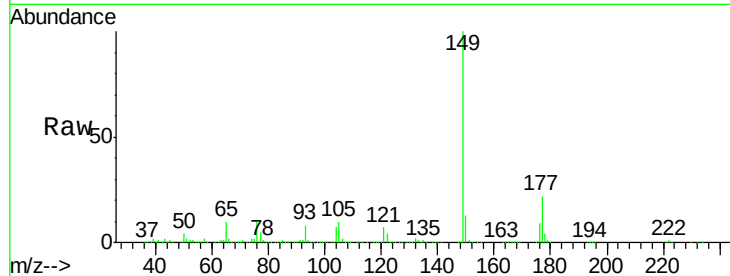
#59
Diethylphthalate
Concen: 50.94 ng
RT: 10.16 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	13.1	10.3	15.5

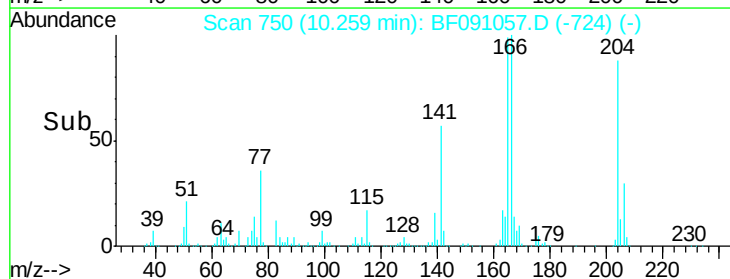
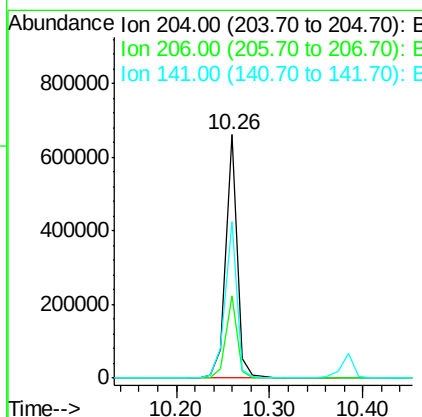
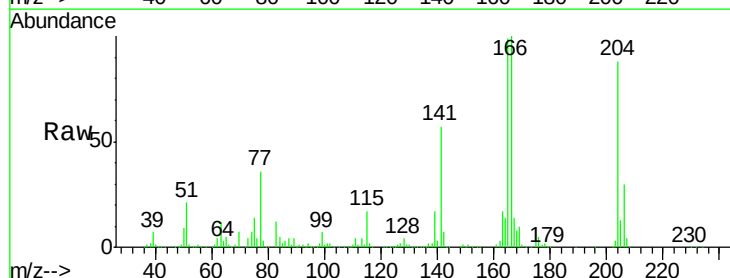
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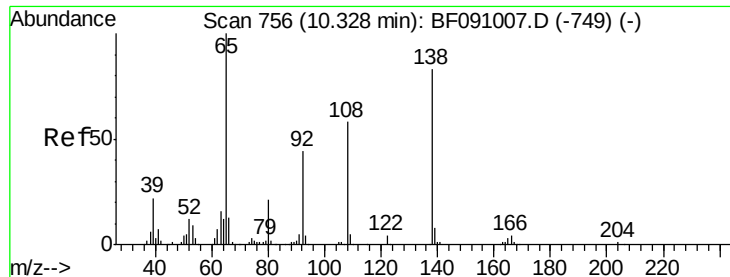
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#60
4-Chlorophenyl-phenylether
Concen: 51.69 ng
RT: 10.26 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	64.1	40.1	60.1#





#61

4-Nitroaniline

Concen: 48.48 ng

RT: 10.30 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

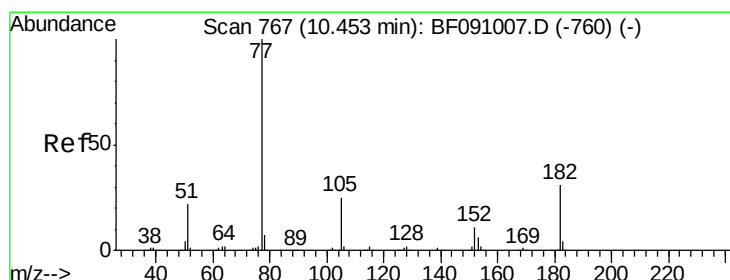
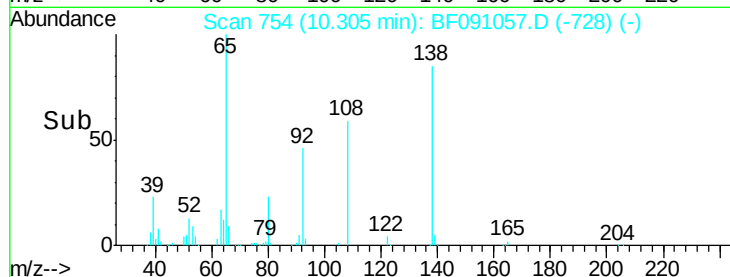
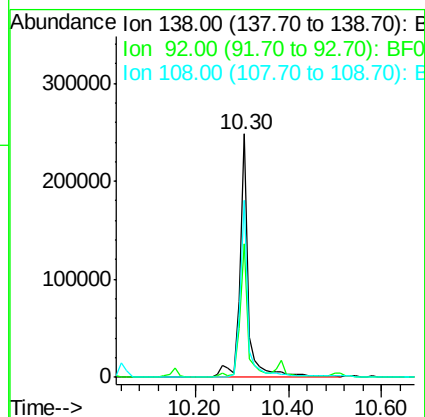
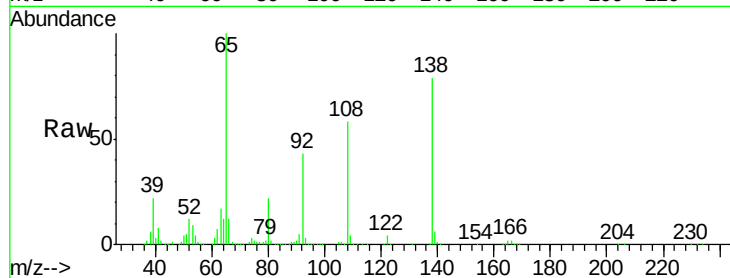
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:	138	Resp:	324861
Ion Ratio	Lower	Upper	
138	100		
92	54.7	32.5	72.5
108	72.8	49.4	89.4

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#62

Azobenzene

Concen: 50.77 ng

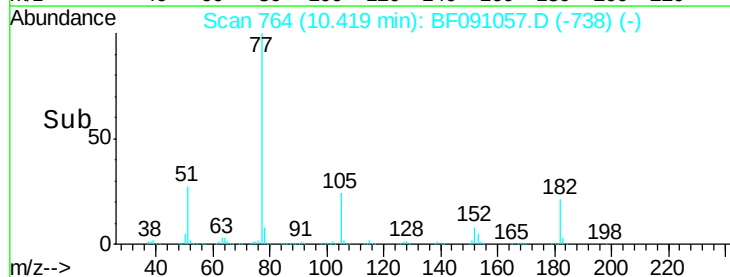
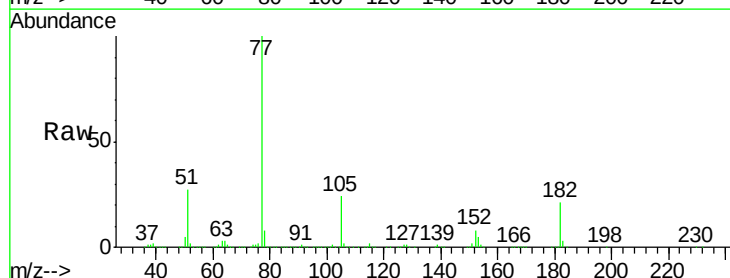
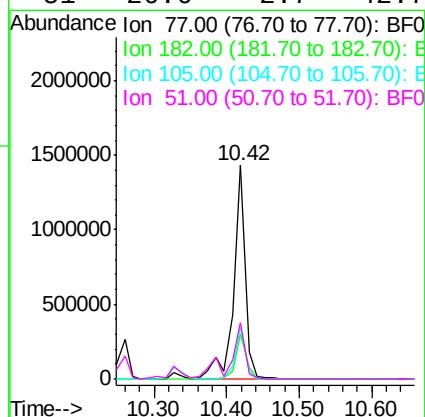
RT: 10.42 min Scan# 764

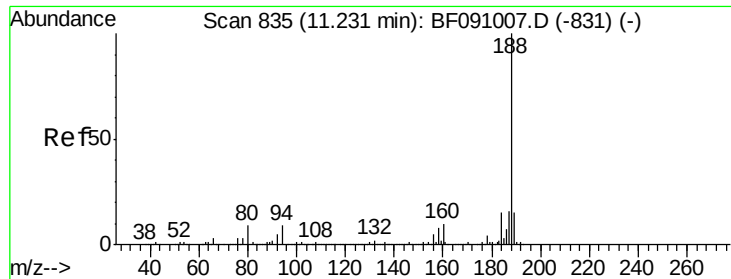
Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion:	77	Resp:	1597072
Ion Ratio	Lower	Upper	
77	100		
182	21.0	11.0	51.0
105	23.7	5.6	45.6
51	26.6	2.7	42.7





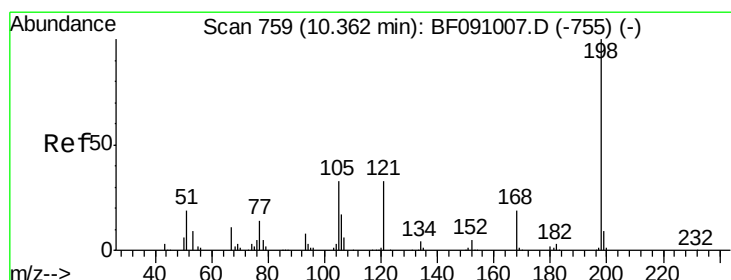
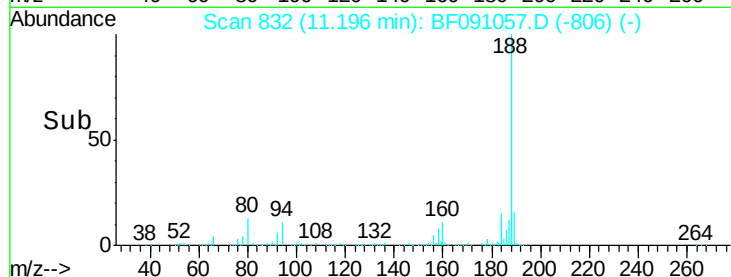
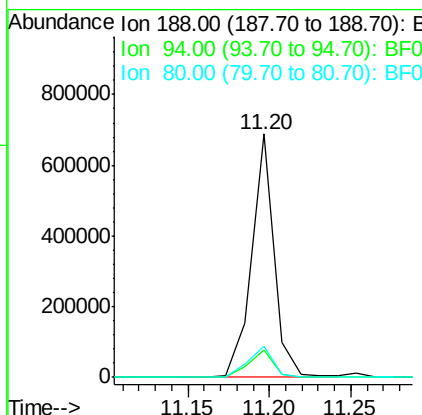
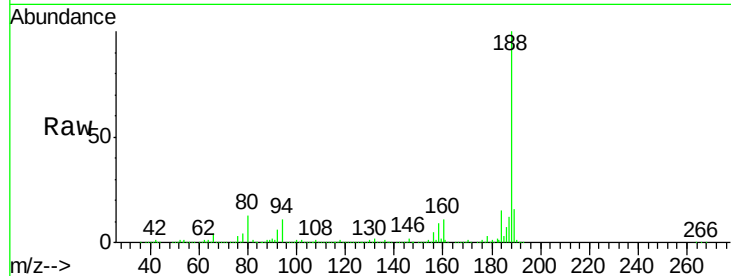
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	659851		
94	11.2		7.0	10.4#
80	12.9		7.5	11.3#

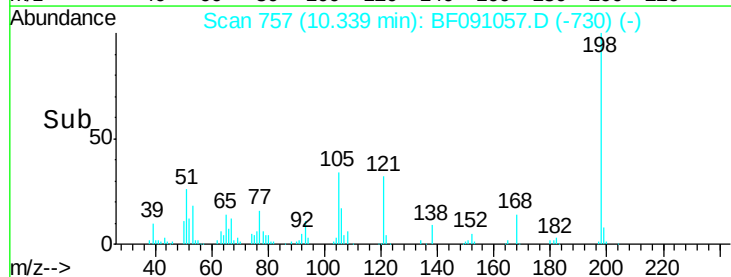
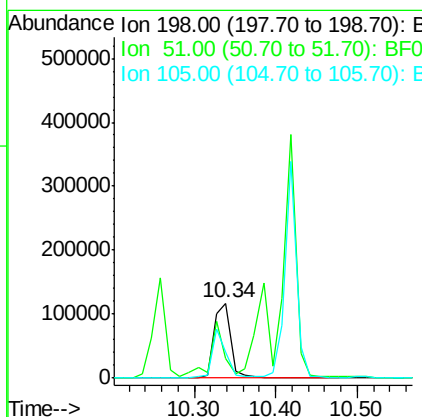
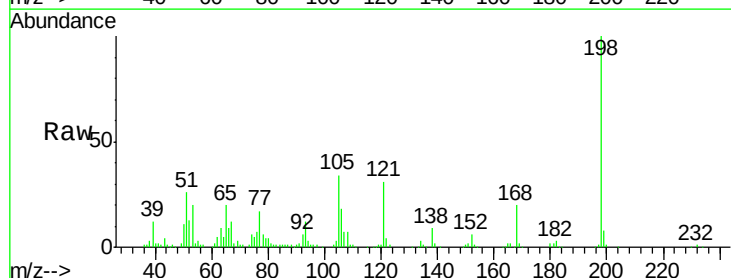
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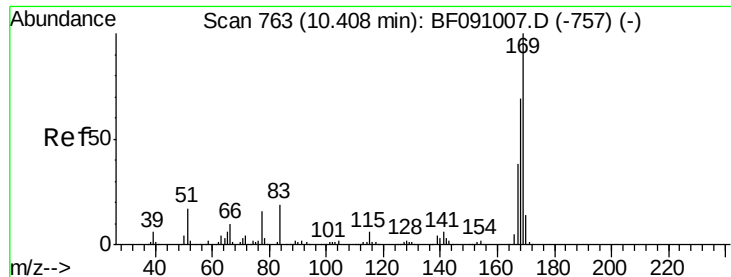
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.93 ng
RT: 10.34 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	169440		
51	26.4		5.9	45.9
105	34.0		13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 51.35 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:169 Resp: 1077018

Ion Ratio Lower Upper

169 100

168 68.6 55.3 82.9

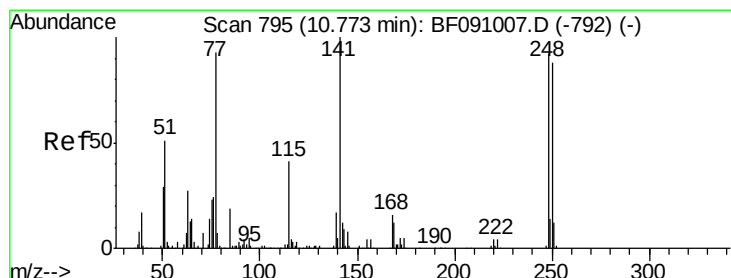
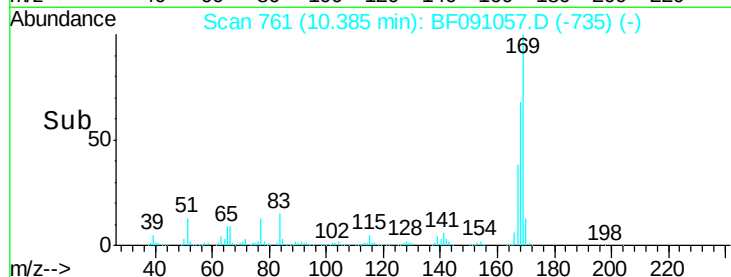
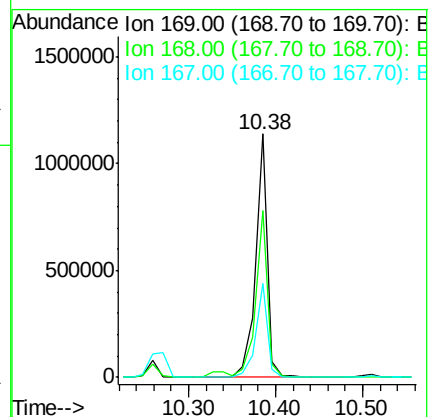
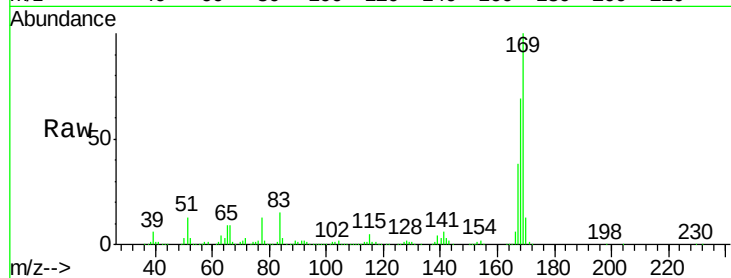
167 38.4 30.3 45.5

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#66

4-Bromophenyl-phenylether

Concen: 55.68 ng

RT: 10.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

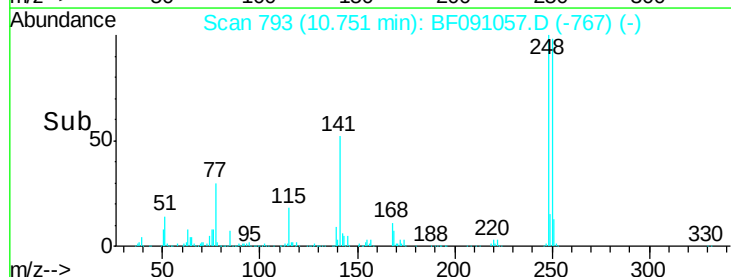
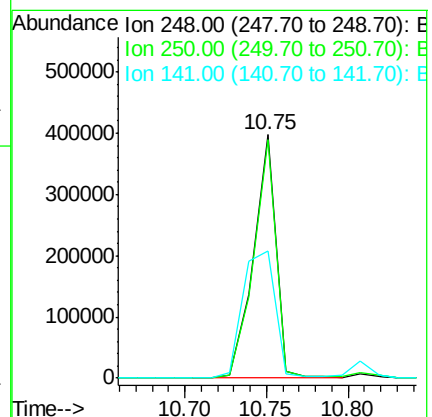
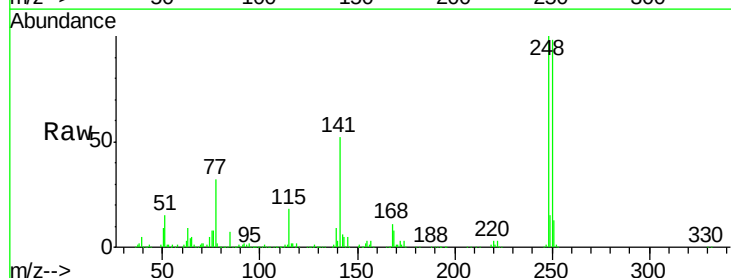
Tgt Ion:248 Resp: 382158

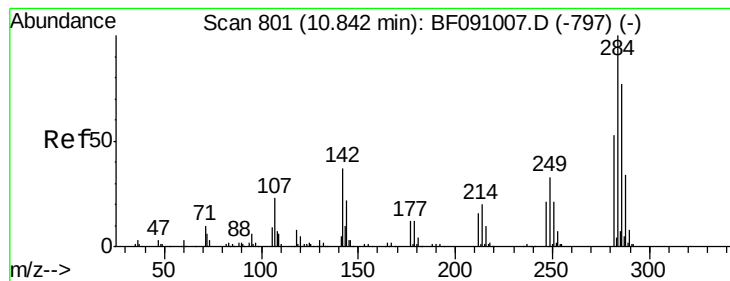
Ion Ratio Lower Upper

248 100

250 97.9 76.3 114.5

141 52.1 86.8 130.2#





#67

Hexachlorobenzene

Concen: 48.39 ng

RT: 10.81 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

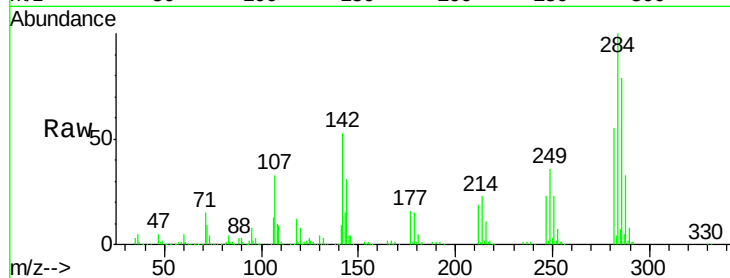
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	366328		
142	52.5	29.9	44.9#	
249	35.9	26.6	39.8	

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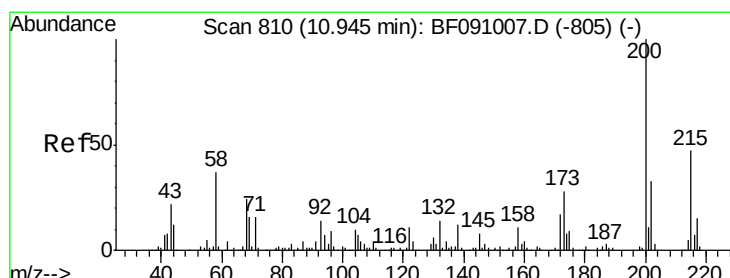
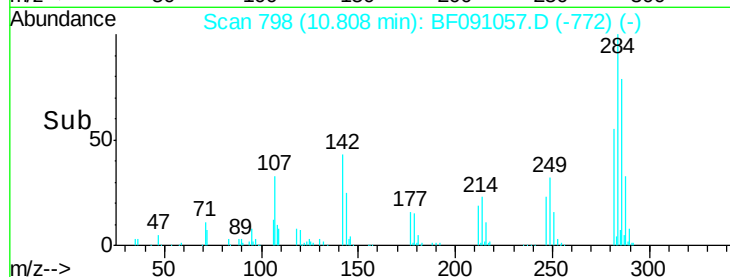
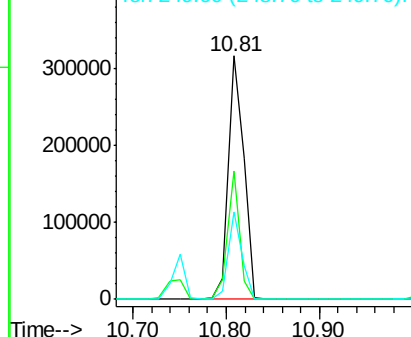
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 60.76 ng

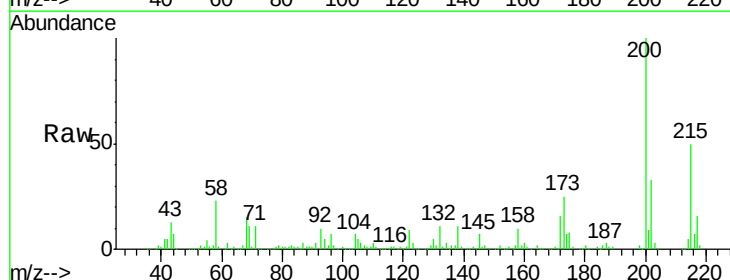
RT: 10.92 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

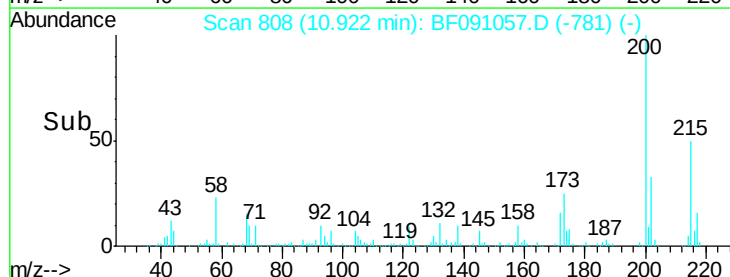
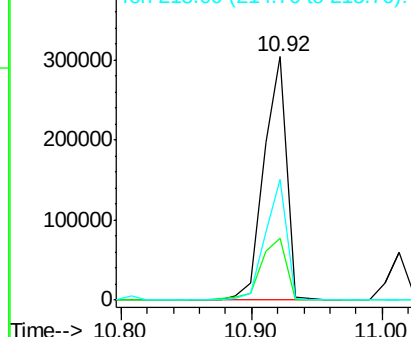
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	367622		
173	25.4	8.1	48.1	
215	49.6	27.3	67.3	

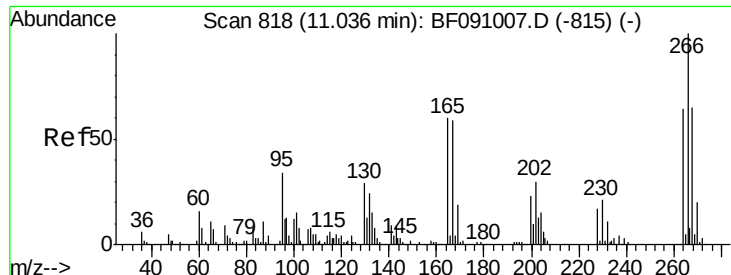


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





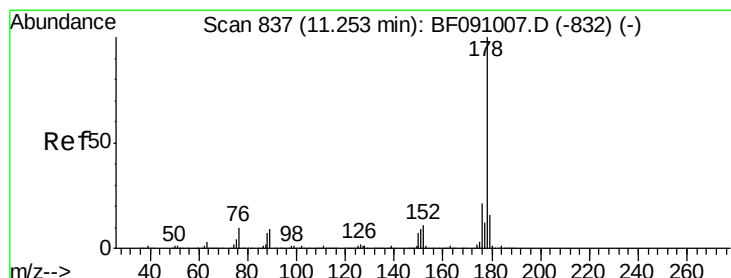
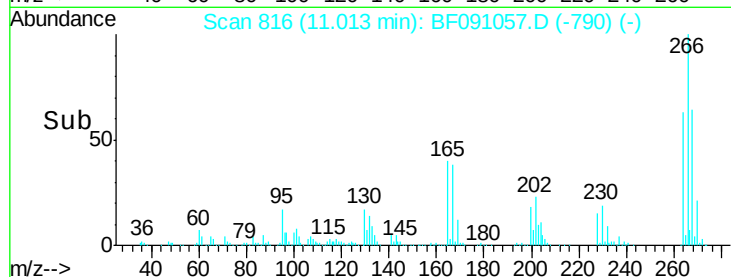
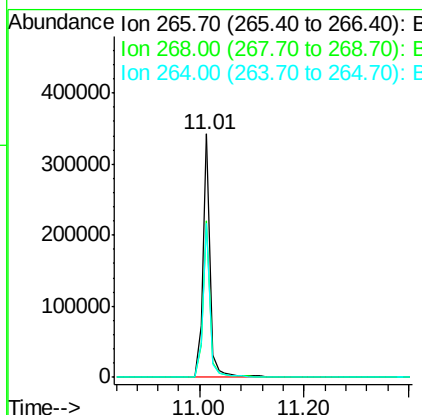
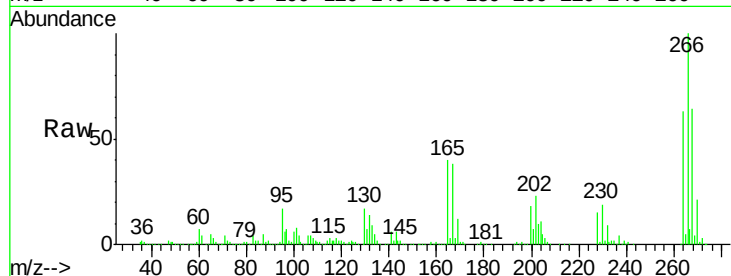
#69
 Pentachlorophenol
 Concen: 100.45 ng
 RT: 11.01 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.1	78.1
264	63.2	51.1	76.7

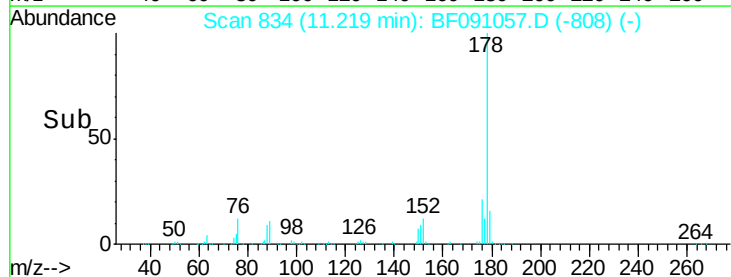
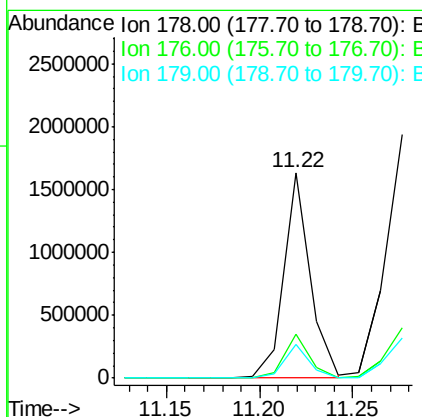
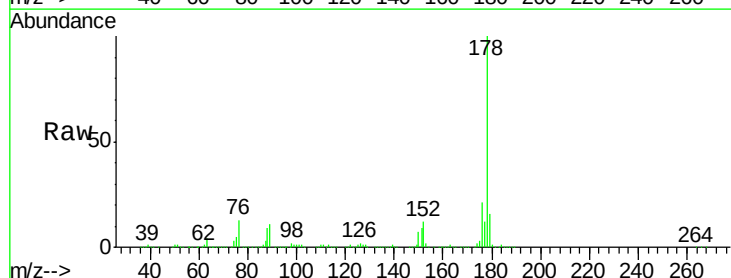
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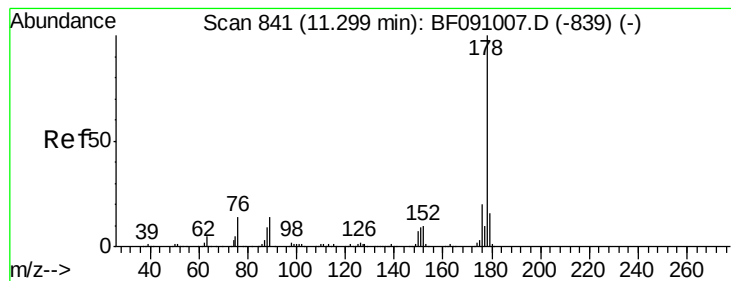
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#70
 Phenanthrene
 Concen: 45.95 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.6	25.0
179	16.5	12.9	19.3





#71

Anthracene

Concen: 51.70 ng

RT: 11.28 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:178 Resp: 1928071

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

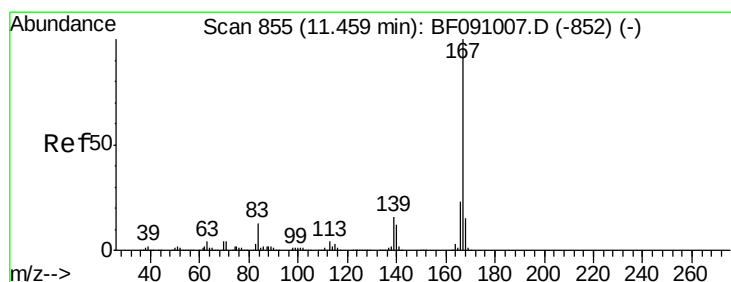
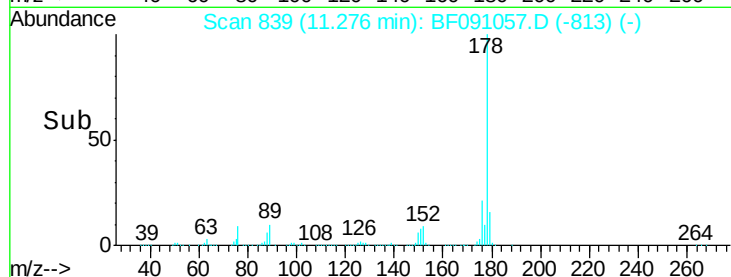
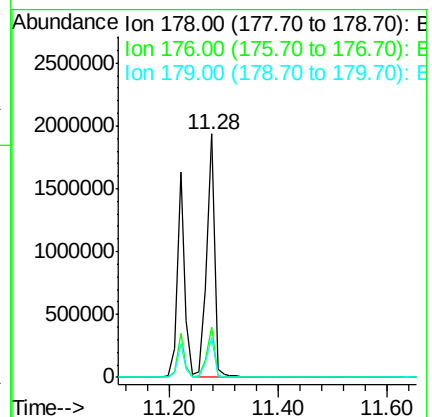
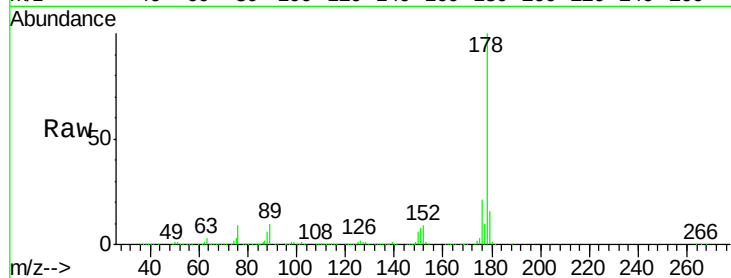
179 16.3 13.0 19.6

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#72

Carbazole

Concen: 54.31 ng

RT: 11.44 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

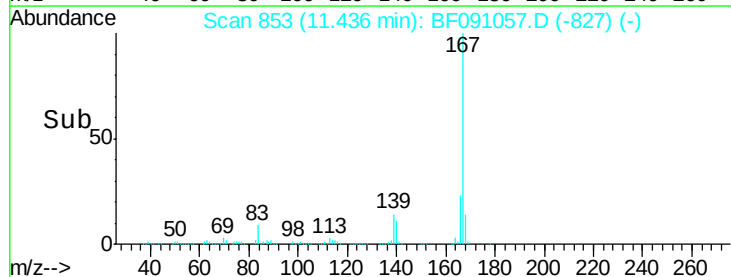
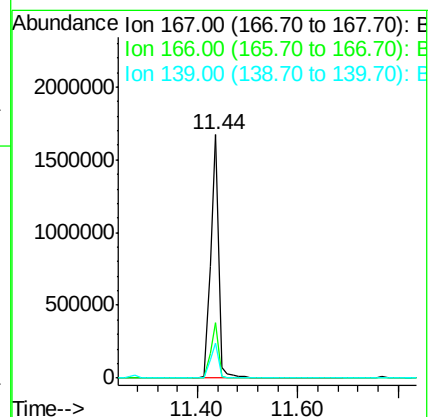
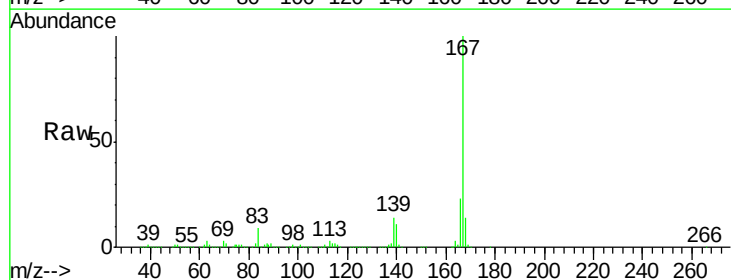
Tgt Ion:167 Resp: 1825182

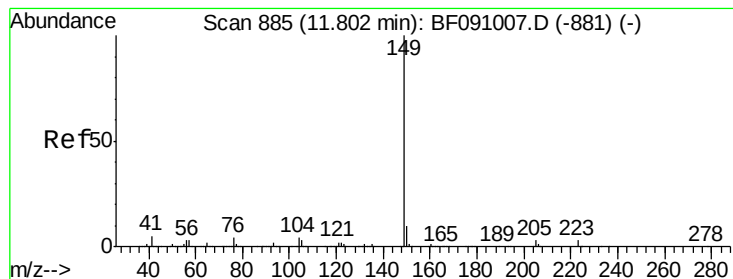
Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

139 14.1 12.6 18.8





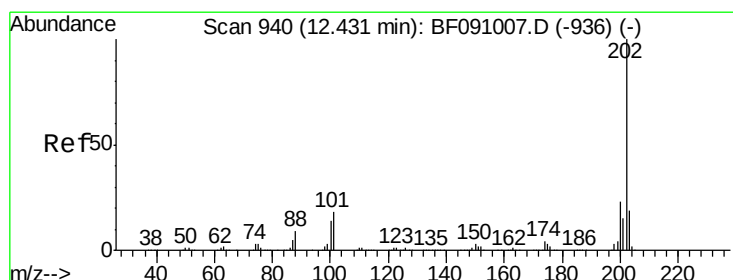
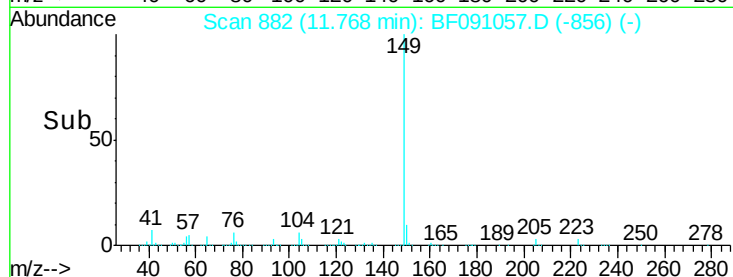
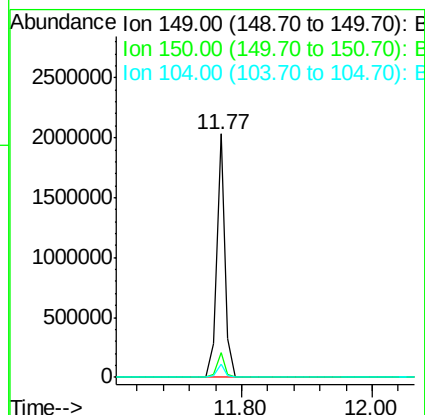
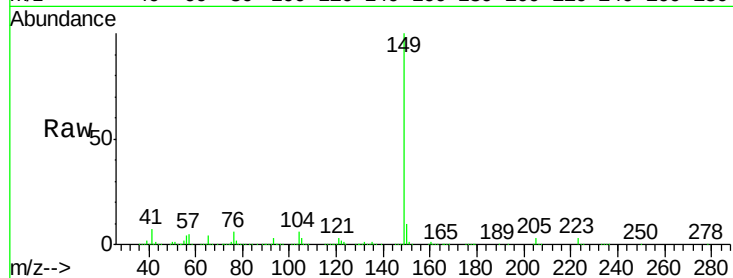
#73
Di-n-butylphthalate
Concen: 43.34 ng
RT: 11.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:149 Resp: 1831633
Ion Ratio Lower Upper
149 100
150 10.3 7.7 11.5
104 5.6 3.6 5.4#

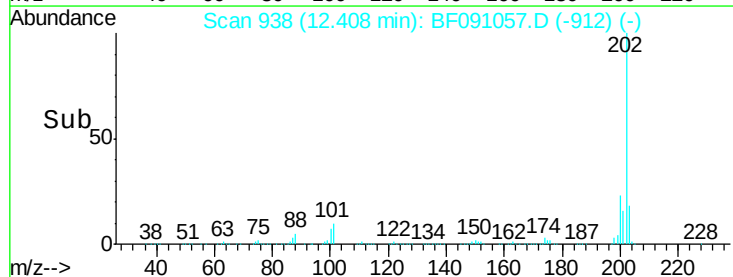
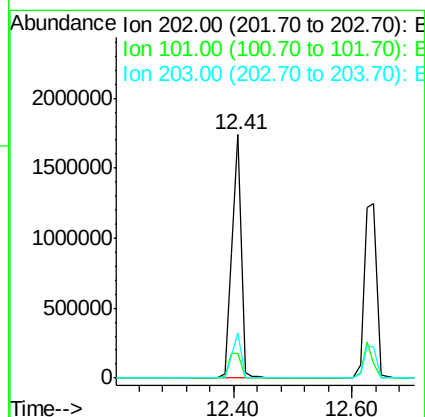
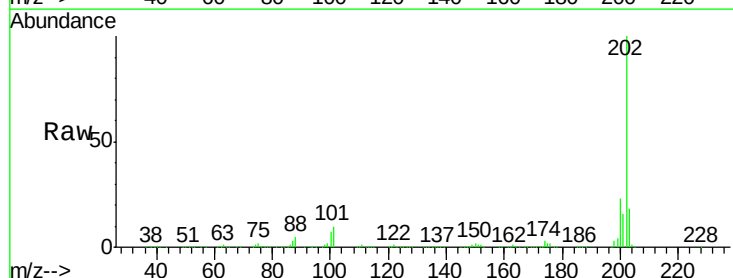
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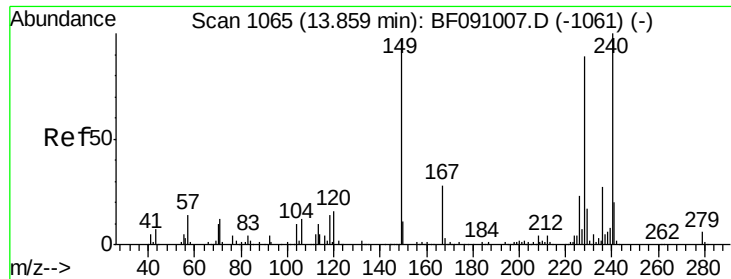
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#74
Fluoranthene
Concen: 51.92 ng
RT: 12.41 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:202 Resp: 1888911
Ion Ratio Lower Upper
202 100
101 10.0 0.0 37.6
203 18.4 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

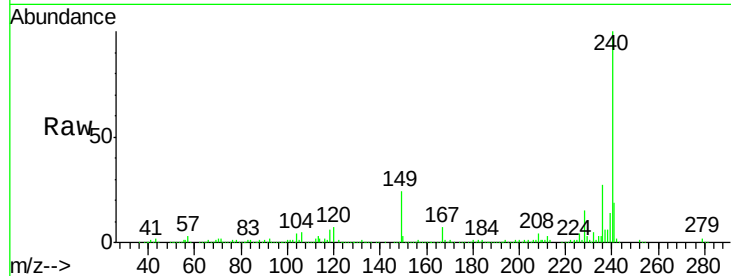
ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

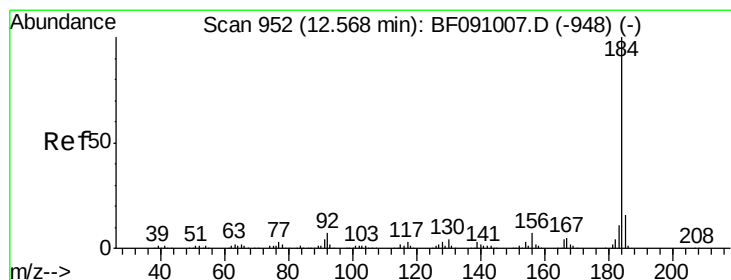
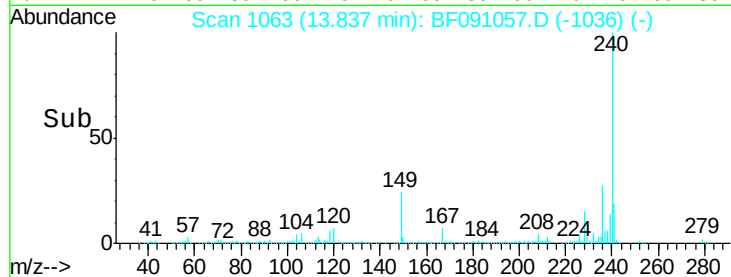
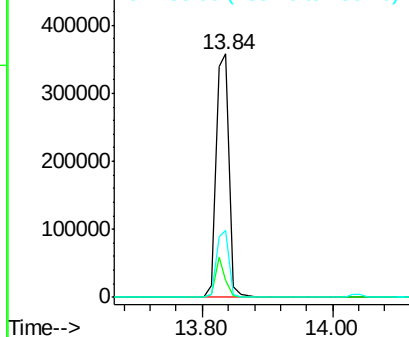
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	12.9	19.3#
236	27.3	21.9	32.9

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



#76

Benzidine

Concen: 6.91 ng

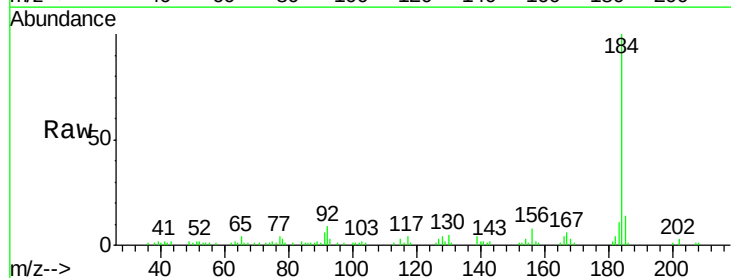
RT: 12.53 min Scan# 949

Delta R.T. 0.00 min

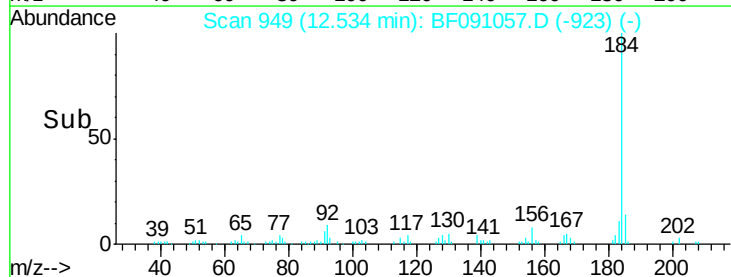
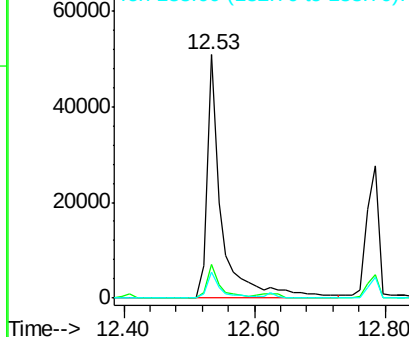
Lab File: BF091057.D

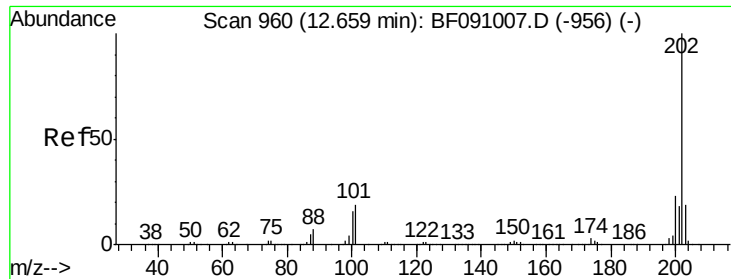
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.0	19.4
183	10.9	8.7	13.1



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





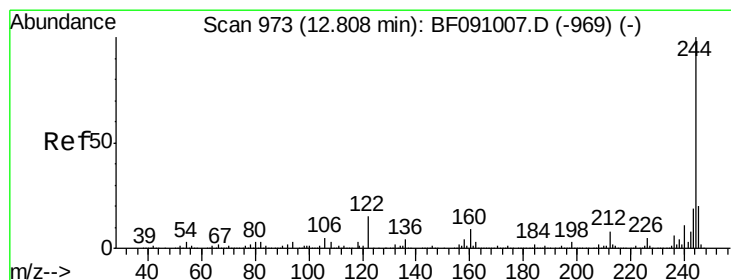
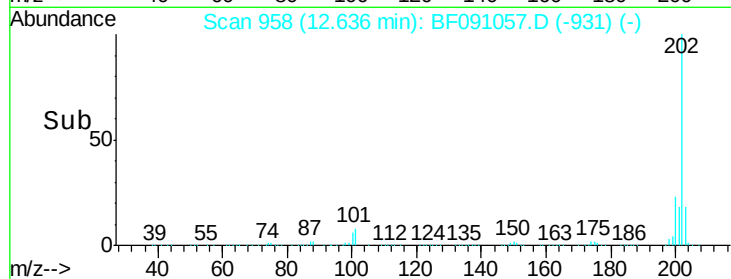
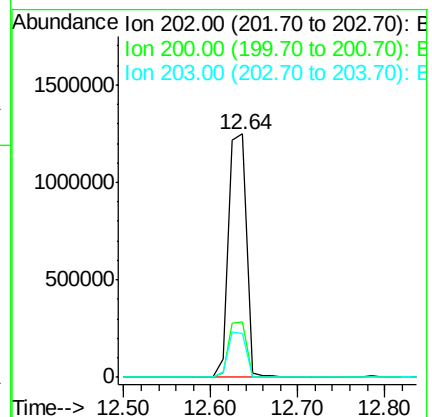
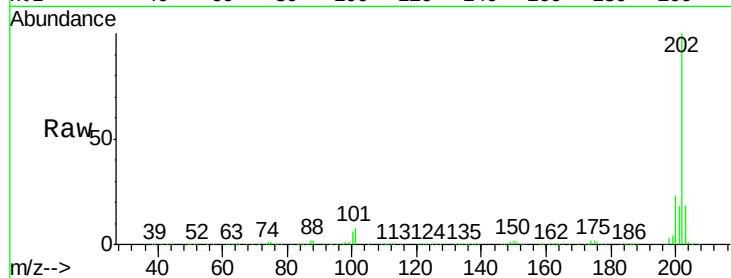
#77
Pvrene
Concen: 53.38 ng
RT: 12.64 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.4	27.6
203	17.9	15.0	22.6

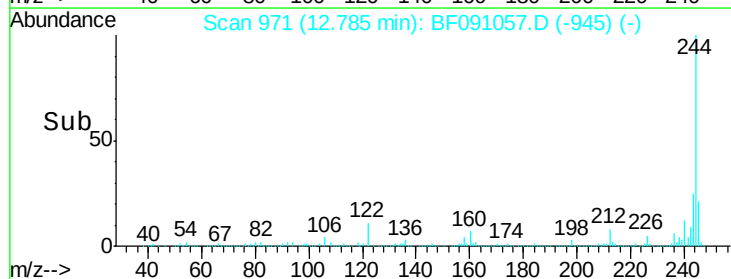
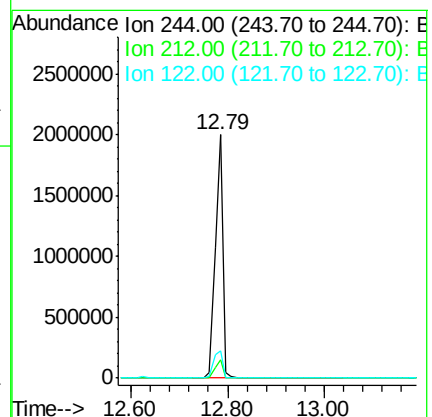
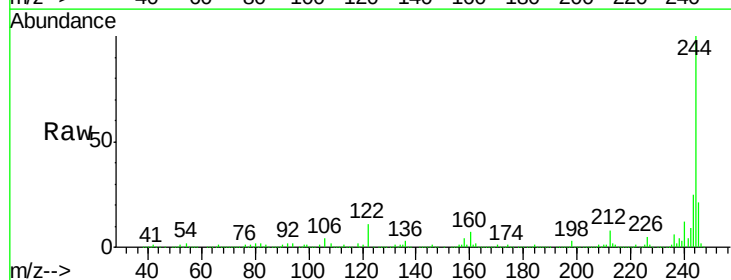
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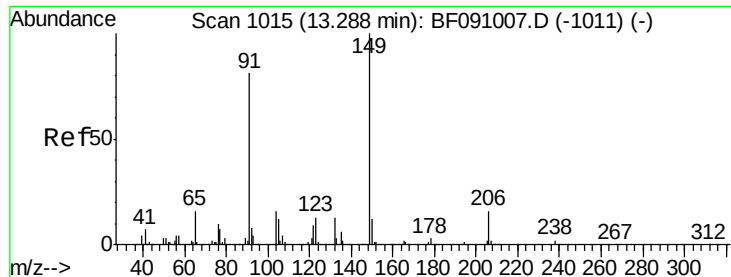
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#78
Terphenyl-d14
Concen: 108.02 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	11.1	12.3	18.5#





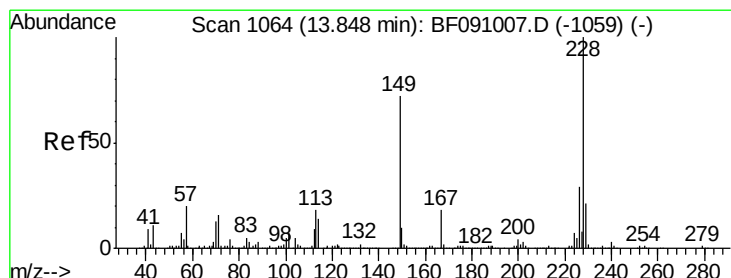
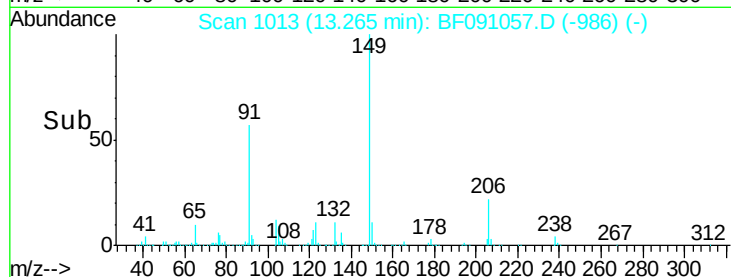
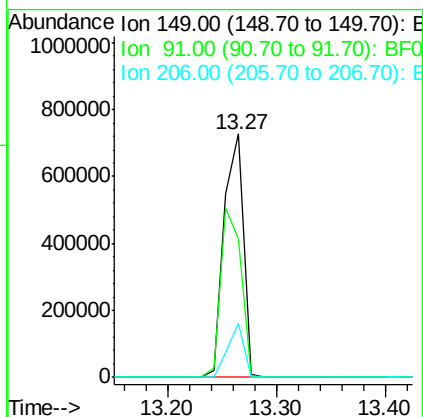
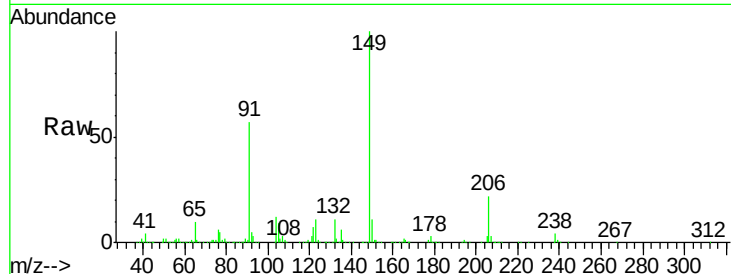
#79
Butylbenzylphthalate
Concen: 56.29 ng
RT: 13.27 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.9	65.0	97.4#
206	22.1	12.5	18.7#

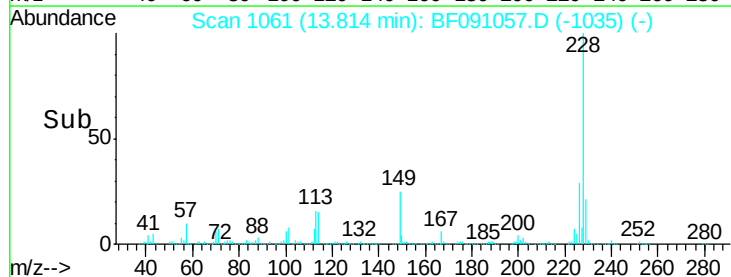
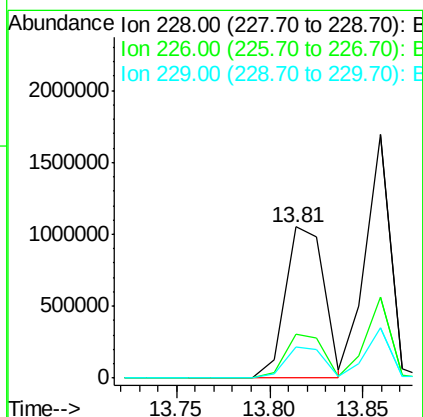
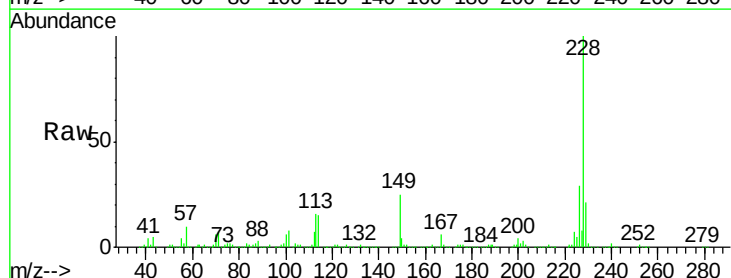
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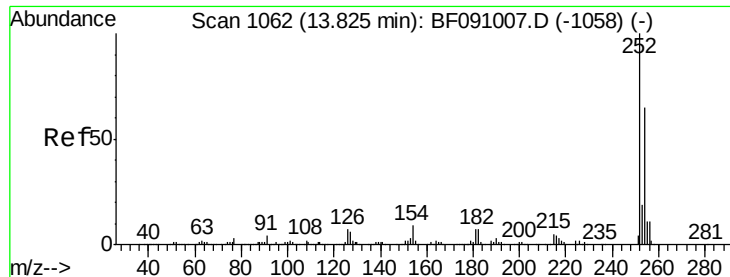
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#80
Benzo(a)anthracene
Concen: 52.51 ng
RT: 13.81 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	20.8	16.6	24.8





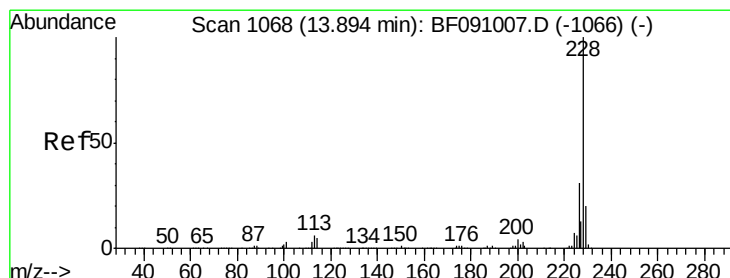
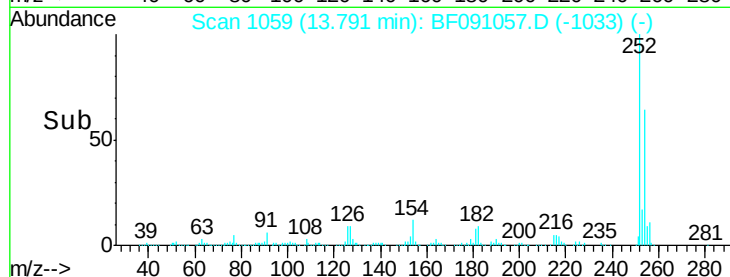
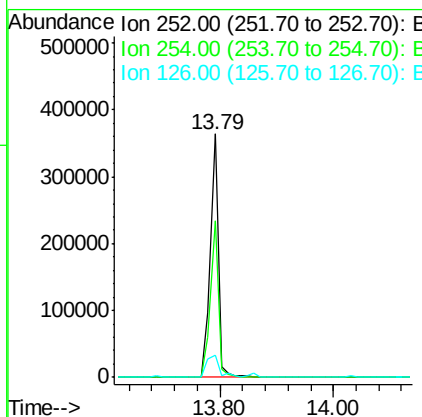
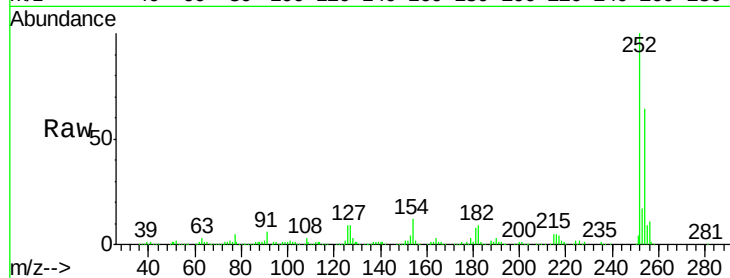
#81
 3,3'-Dichlorobenzidine
 Concen: 33.61 ng
 RT: 13.79 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	9.0	5.4	8.2

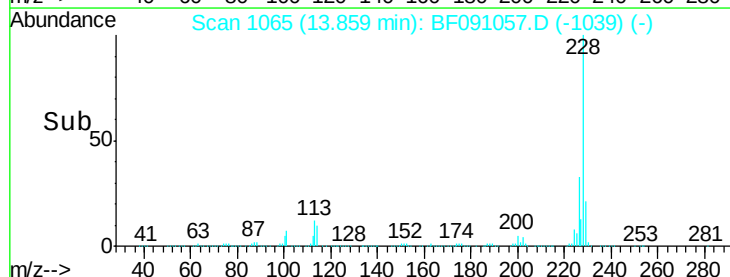
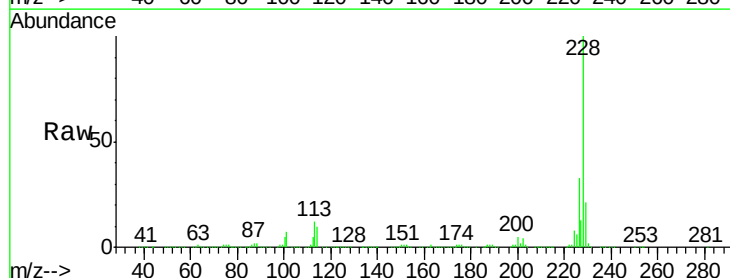
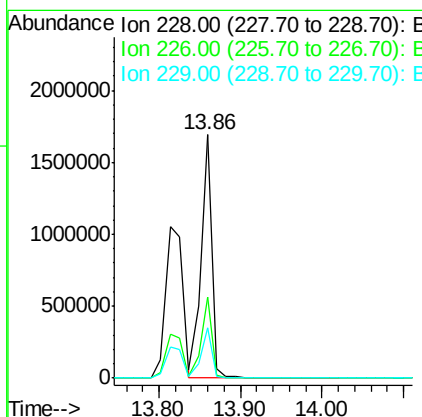
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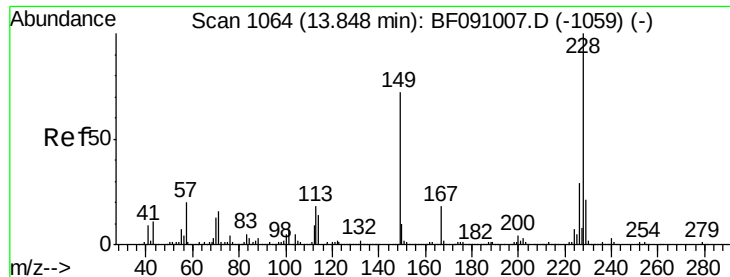
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#82
 Chrysene
 Concen: 55.40 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	20.9	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.99 ng

RT: 13.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:149 Resp: 1060980

Ion Ratio Lower Upper

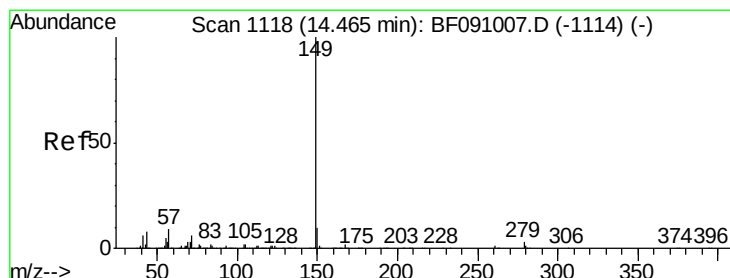
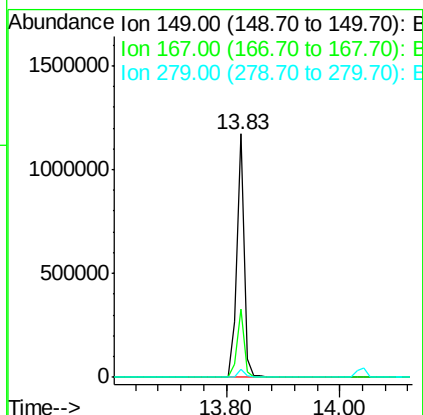
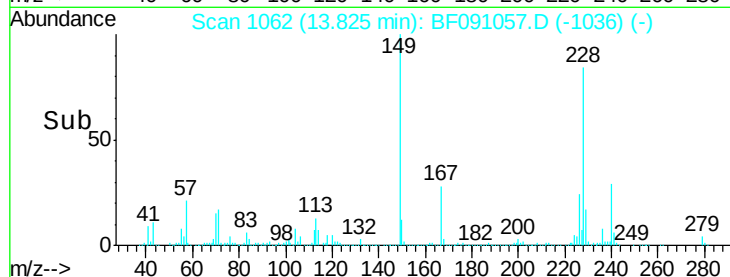
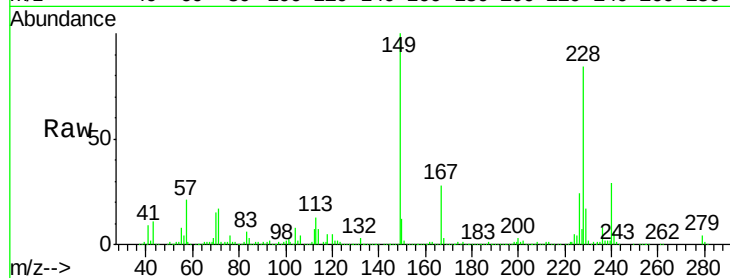
149 100

167 27.8 20.4 30.6

279 3.6 1.6 2.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.22 ng

RT: 14.43 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

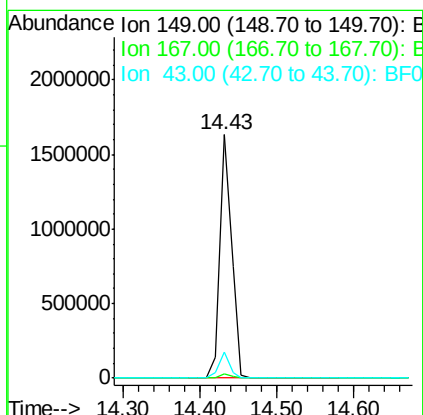
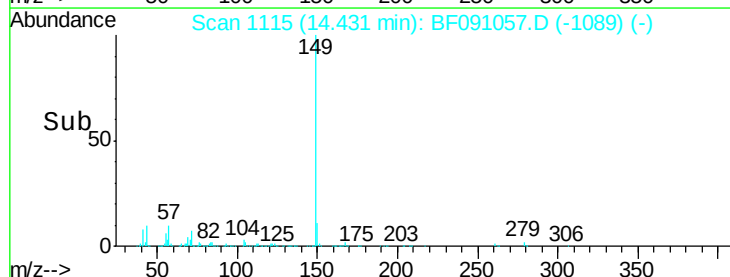
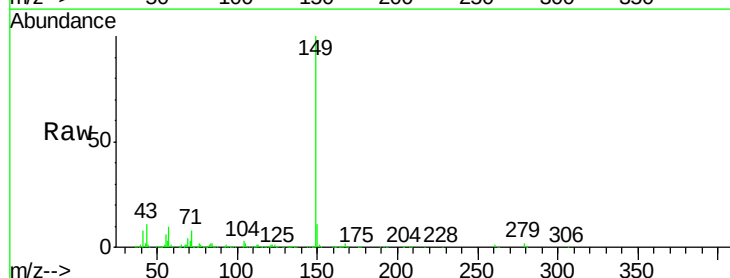
Tgt Ion:149 Resp: 1752711

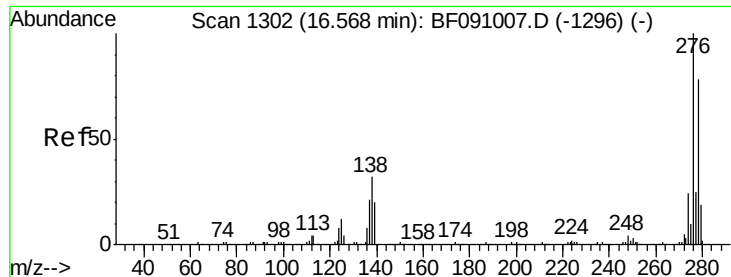
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 8.2 12.4





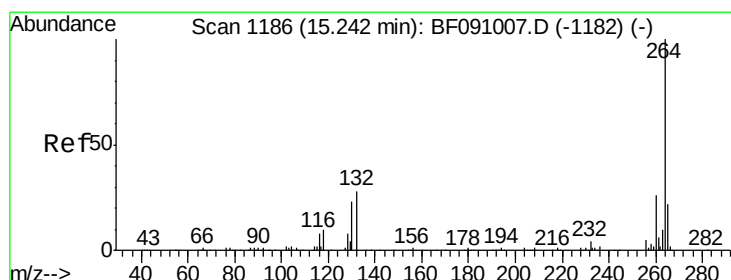
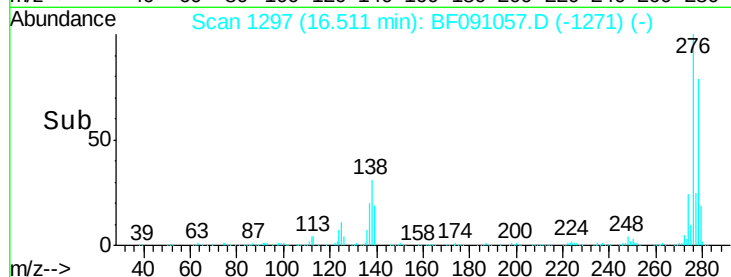
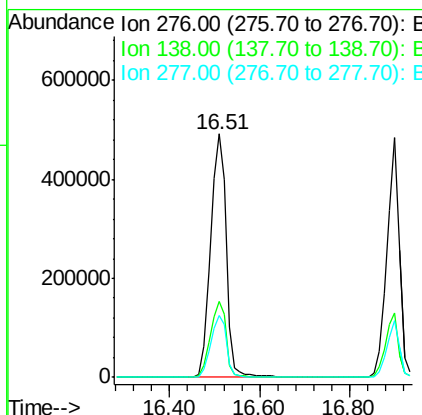
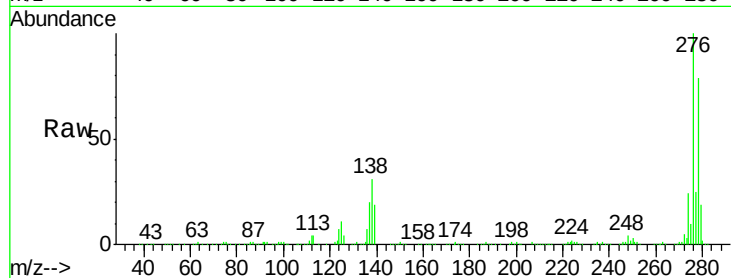
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.49 ng
RT: 16.51 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	26.0	39.0
277	25.3	20.1	30.1

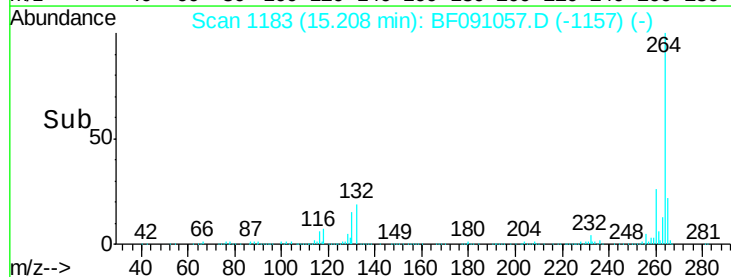
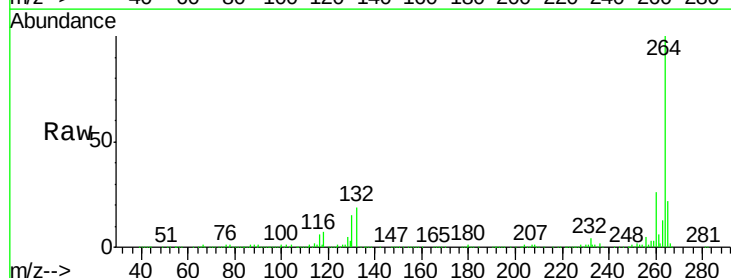
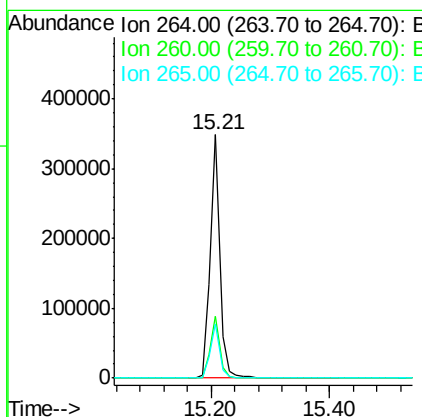
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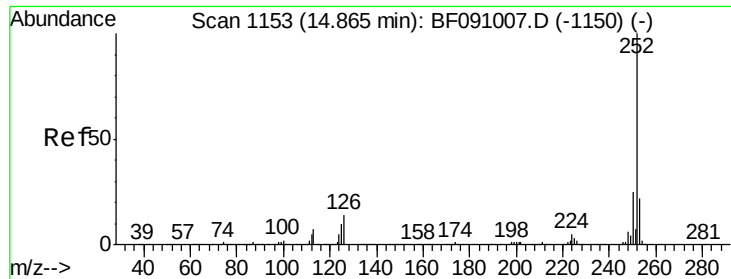
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.0	17.8	26.8





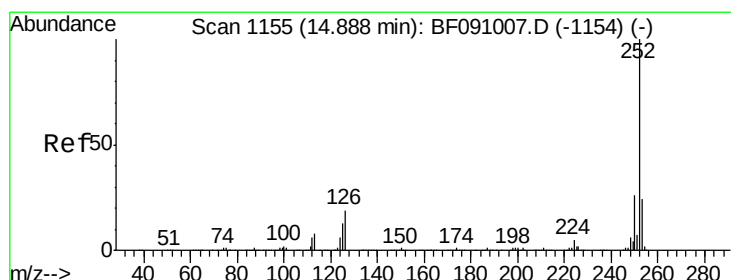
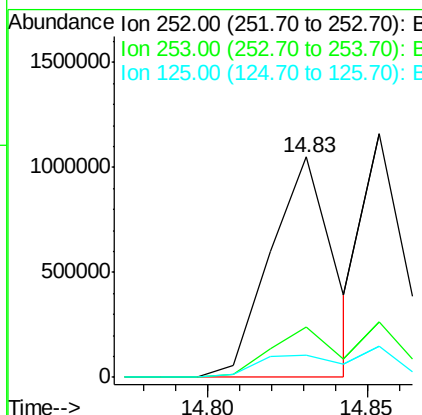
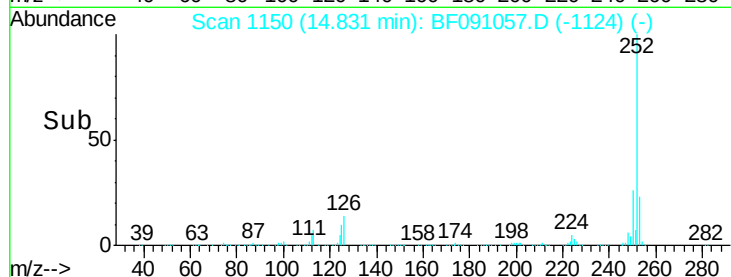
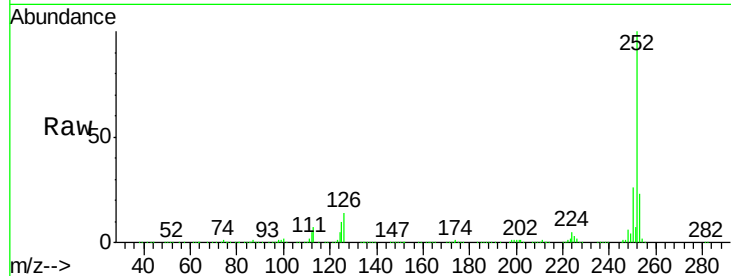
#87
Benzo(b)fluoranthene
Concen: 53.97 ng m
RT: 14.83 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion:252 Resp: 1435456
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.2 8.3 12.5

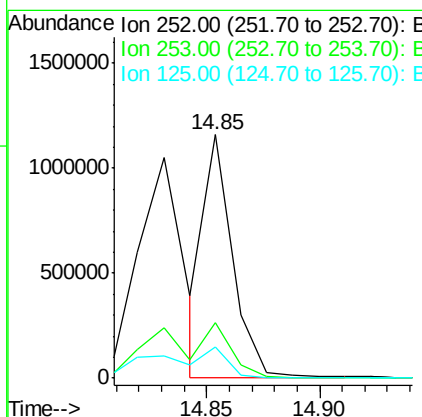
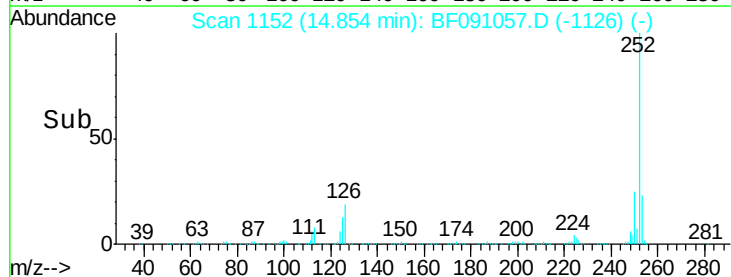
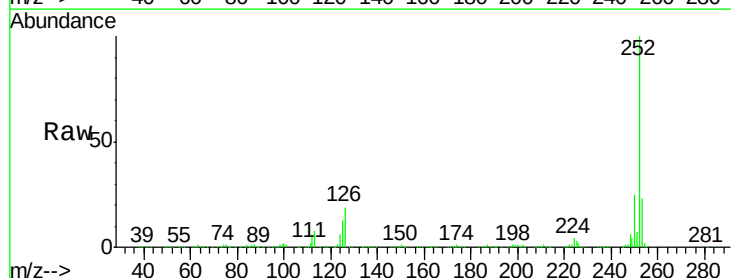
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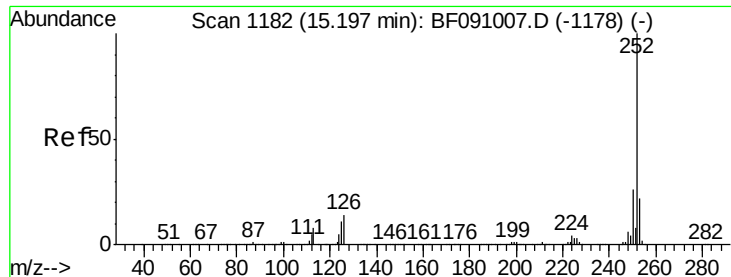
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#88
Benzo(k)fluoranthene
Concen: 44.62 ng m
RT: 14.85 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:252 Resp: 1041097
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 13.0 11.2 16.8





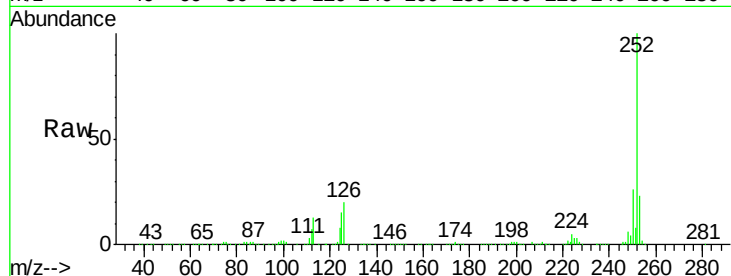
#89
Benzo(a)pyrene
Concen: 48.71 ng
RT: 15.15 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

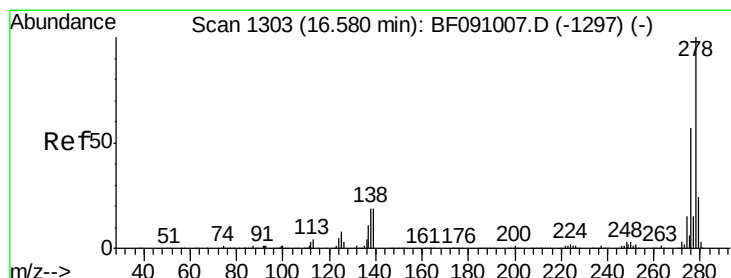
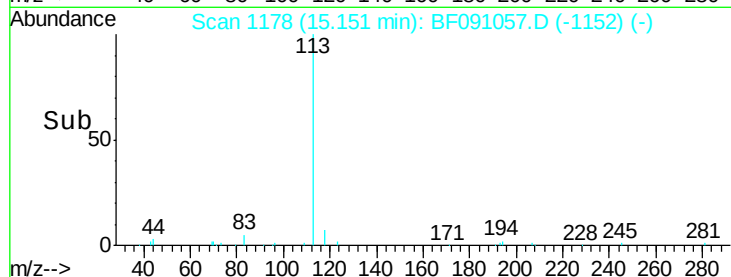
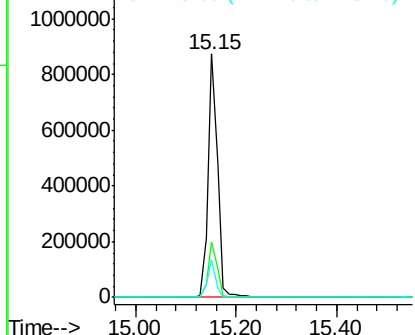
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	15.4	8.6	13.0

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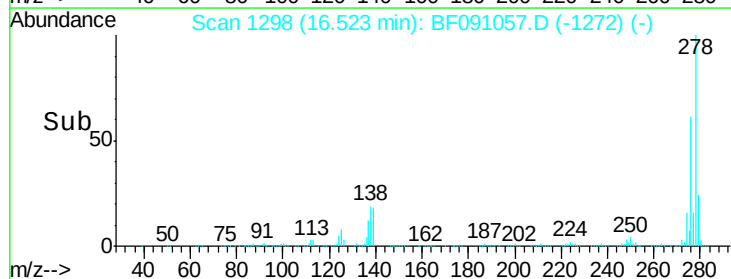
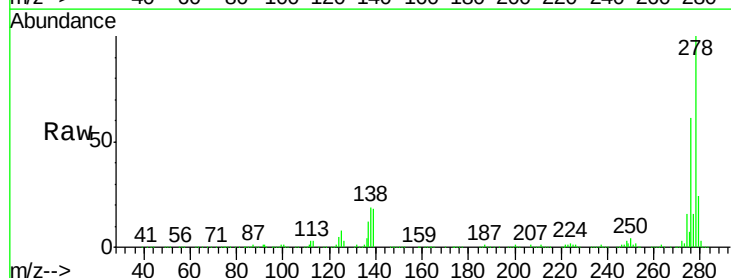
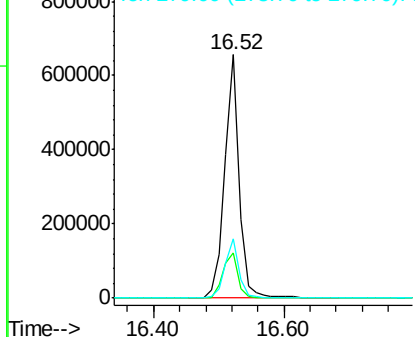
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

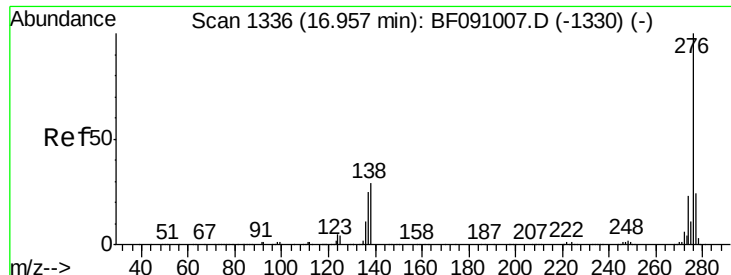


#90
Dibenzo(a,h)anthracene
Concen: 50.59 ng
RT: 16.52 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.3	22.9
279	24.5	19.3	28.9

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





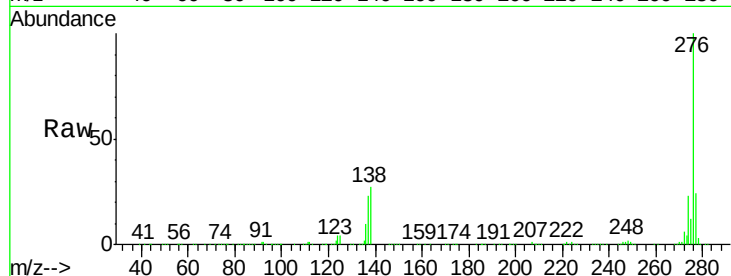
#91
 Benzo(a,h,i)perylene
 Concen: 52.44 ng
 RT: 16.90 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.0	23.3	34.9

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

