

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090143.D
 Acq On : 20 Sep 2016 19:32
 Operator : UM/SJ
 Sample : H4854-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Manual Integrations
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 9/21/2016 4:16:53 PM

Quant Time: Sep 21 09:23:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	168739	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	664963	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	367769	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	578120	20.00	ng	0.00
75) Chrysene-d12	13.63	240	384862	20.00	ng	0.00
86) Perylene-d12	14.96	264	298610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	1325732	128.06	ng	0.02
7) Phenol-d6	6.18	99	1698394	132.85	ng	0.01
23) Nitrobenzene-d5	7.10	82	1051593	91.67	ng	0.00
41) 2,4,6-Tribromophenol	10.34	330	356779	113.08	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	1622384	86.60	ng	0.00
78) Terphenyl-d14	12.61	244	1382227	91.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	181112	32.25	ng	99
3) Pyridine	2.58	79	367912	30.20	ng	97
4) n-Nitrosodimethylamine	2.54	42	169677	46.68	ng	96
6) Aniline	6.18	93	556846	34.94	ng	# 85
8) 2-Chlorophenol	6.31	128	518893	43.56	ng	87
9) Benzaldehyde	6.06	77	54182	9.72	ng	98
10) Phenol	6.19	94	601971	39.83	ng	# 77
11) bis(2-Chloroethyl)ether	6.27	93	527593	44.77	ng	92
12) 1,3-Dichlorobenzene	6.46	146	502169	40.36	ng	98
13) 1,4-Dichlorobenzene	6.54	146	524855	41.31	ng	99
14) 1,2-Dichlorobenzene	6.70	146	444984	39.32	ng	99
15) Benzyl Alcohol	6.68	79	377190	49.48	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.82	45	599521	42.57	ng	96
17) 2-Methylphenol	6.81	107	441795	47.09	ng	97
18) Hexachloroethane	7.03	117	186480	41.15	ng	98
19) n-Nitroso-di-n-propylamine	6.96	70	341320	45.45	ng	99
20) 3+4-Methylphenols	6.96	107	522181	46.36	ng	93
22) Acetophenone	6.95	105	662297	41.30	ng	99
24) Nitrobenzene	7.12	77	522050	43.68	ng	# 75
25) Isophorone	7.36	82	1031852	43.05	ng	100
26) 2-Nitrophenol	7.43	139	263440	44.76	ng	97
27) 2,4-Dimethylphenol	7.48	122	447571	42.80	ng	99
28) bis(2-Chloroethoxy)methane	7.58	93	639606	44.12	ng	99
29) 2,4-Dichlorophenol	7.68	162	437872	47.74	ng	94
30) 1,2,4-Trichlorobenzene	7.76	180	419415	45.78	ng	96
31) Naphthalene	7.83	128	1360960	42.98	ng	100
32) Benzoic acid	7.60	122	67997	9.47	ng	92
33) 4-Chloroaniline	7.88	127	422710	32.18	ng	98
34) Hexachlorobutadiene	7.95	225	202511	41.90	ng	99
35) Caprolactam	8.27	113	143365m	47.23	ng	
36) 4-Chloro-3-methylphenol	8.39	107	447673	43.19	ng	98
37) 2-Methylnaphthalene	8.52	142	961544	48.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	298780	35.39	ng	98
40) Hexachlorocyclopentadiene	8.68	237	338991	81.38	ng	98

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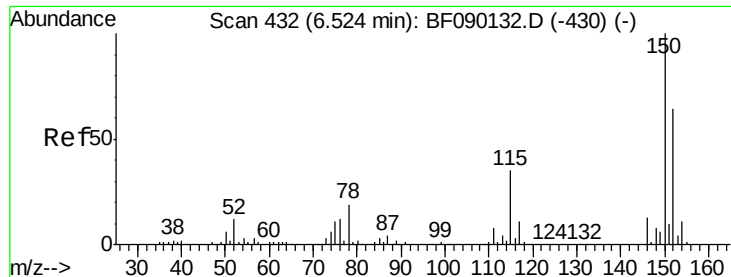
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	289996	48.21	ng	98
43) 2,4,5-Trichlorophenol	8.86	196	278921	44.78	ng #	94
45) 1,1'-Biphenyl	8.99	154	1029611	39.13	ng	96
46) 2-Chloronaphthalene	9.00	162	792917	40.85	ng	99
47) 2-Nitroaniline	9.11	65	255066	43.58	ng	85
48) Acenaphthylene	9.42	152	1214991	38.54	ng	99
49) Dimethylphthalate	9.30	163	1508267	64.39	ng	98
50) 2,6-Dinitrotoluene	9.36	165	231176	44.28	ng #	86
51) Acenaphthene	9.59	154	820554	43.85	ng	99
52) 3-Nitroaniline	9.52	138	212284	34.68	ng	89
53) 2,4-Dinitrophenol	9.63	184	89926	32.73	ng #	87
54) Dibenzofuran	9.76	168	1040350	42.25	ng	94
55) 4-Nitrophenol	9.70	139	361538	86.22	ng	84
56) 2,4-Dinitrotoluene	9.76	165	282359	45.74	ng	91
57) Fluorene	10.10	166	841982	45.37	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	219454	47.06	ng	98
59) Diethylphthalate	10.00	149	947322	41.88	ng	99
60) 4-Chlorophenyl-phenylether	10.10	204	345351	40.81	ng	89
61) 4-Nitroaniline	10.14	138	276388	44.30	ng	90
62) Azobenzene	10.26	77	1177734	50.01	ng	91
64) 4,6-Dinitro-2-methylphenol	10.16	198	95842	26.47	ng #	54
65) n-Nitrosodiphenylamine	10.23	169	861149	45.30	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	242501	42.63	ng #	85
67) Hexachlorobenzene	10.64	284	259331	39.11	ng #	88
68) Atrazine	10.75	200	226095	43.40	ng	96
69) Pentachlorophenol	10.84	266	241008	64.04	ng	100
70) Phenanthrene	11.05	178	1307577	48.36	ng	99
71) Anthracene	11.10	178	1202165	42.39	ng	100
72) Carbazole	11.26	167	1220010	40.70	ng	99
73) Di-n-butylphthalate	11.61	149	1558848	44.72	ng	99
74) Fluoranthene	12.22	202	1268405	43.71	ng	98
76) Benzidine	12.35	184	652616	50.66	ng	98
77) Pyrene	12.45	202	1190819	45.22	ng	99
79) Butylbenzylphthalate	13.09	149	592249	45.97	ng #	78
80) Benzo(a)anthracene	13.62	228	965855	46.65	ng	100
81) 3,3'-Dichlorobenzidine	13.60	252	248626	29.12	ng	99
82) Chrysene	13.67	228	828012	41.05	ng	98
83) Bis(2-ethylhexyl)phthalate	13.66	149	789132	47.87	ng #	99
84) Di-n-octyl phthalate	14.26	149	1226751	43.20	ng	97
85) Indeno(1,2,3-cd)pyrene	16.13	276	820176	50.29	ng	98
87) Benzo(b)fluoranthene	14.62	252	852157m	51.54	ng	
88) Benzo(k)fluoranthene	14.64	252	597677m	38.51	ng	
89) Benzo(a)pyrene	14.90	252	710065	45.65	ng #	94
90) Dibenzo(a,h)anthracene	16.15	278	694331	57.21	ng	98
91) Benzo(g,h,i)perylene	16.48	276	717002	60.35	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090143.D

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BNA_F

ClientSampleId :

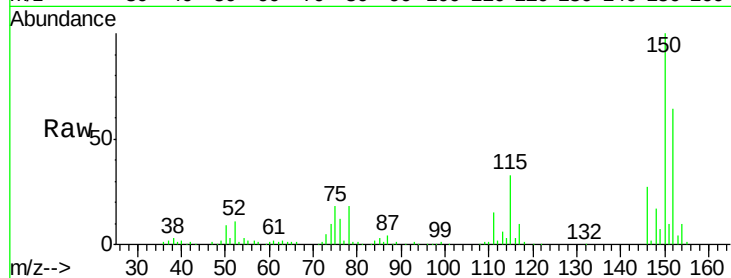
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	128.9	193.3
115	51.8	55.5	83.3

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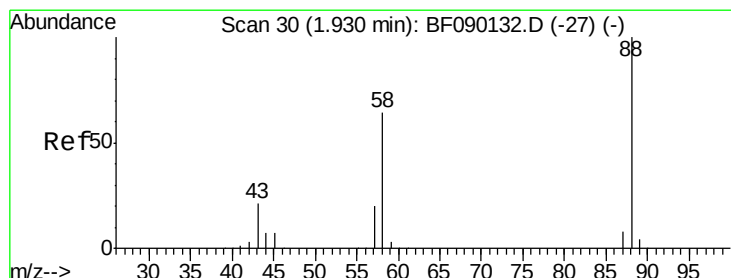
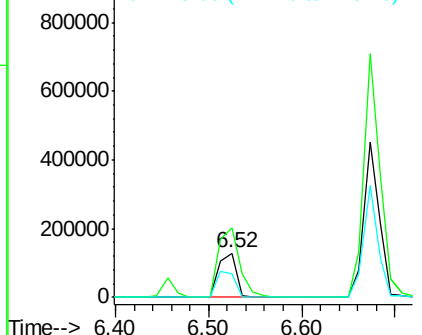
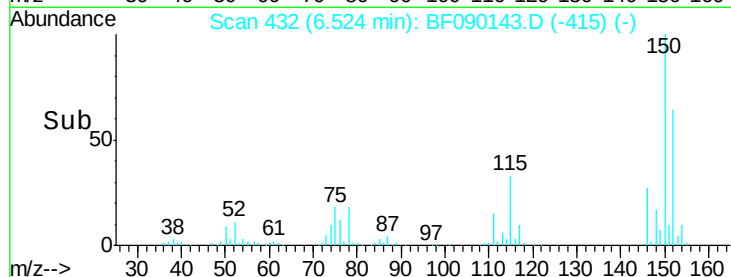
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.25 ng

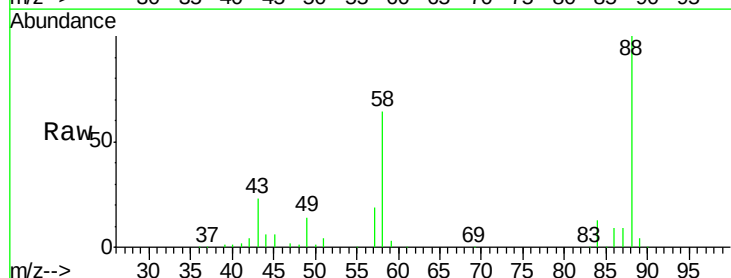
RT: 1.99 min Scan# 35

Delta R.T. 0.06 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

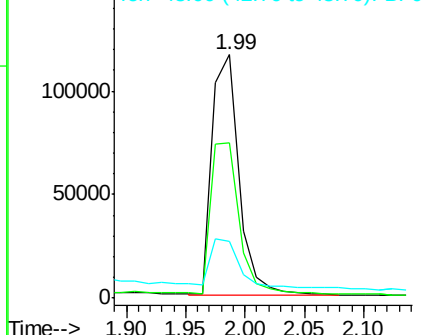
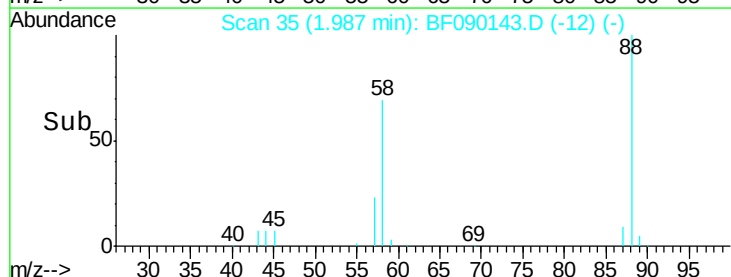
Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.4	80.0
43	22.2	16.5	24.7

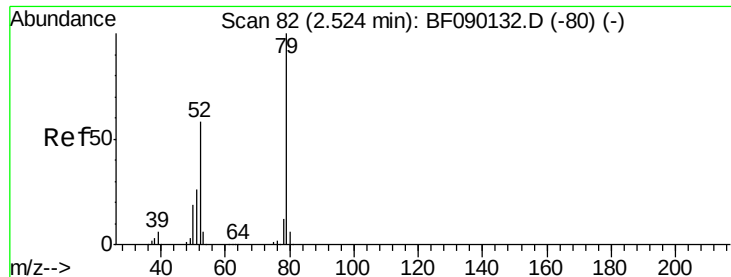


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.20 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

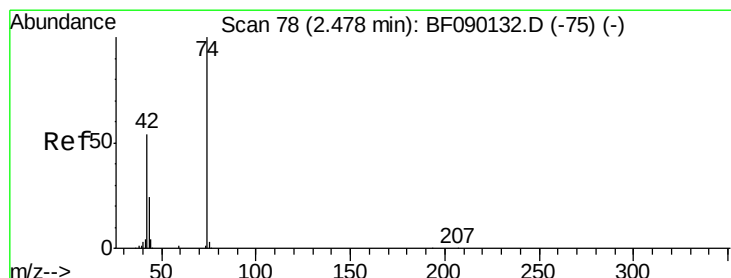
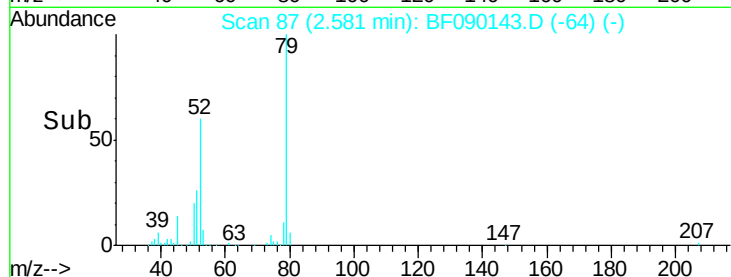
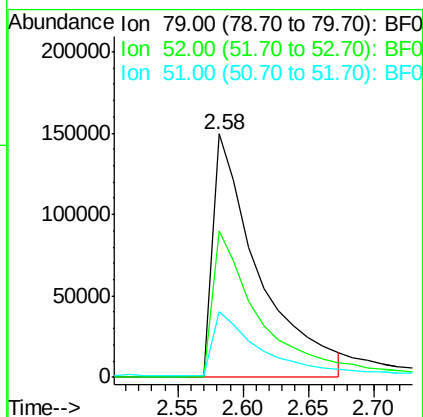
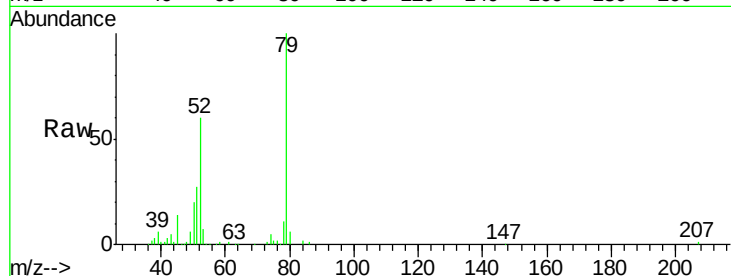
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:	79	Resp:	367912
Ion	Ratio	Lower	Upper
79	100		
52	60.3	45.9	68.9
51	26.7	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 46.68 ng

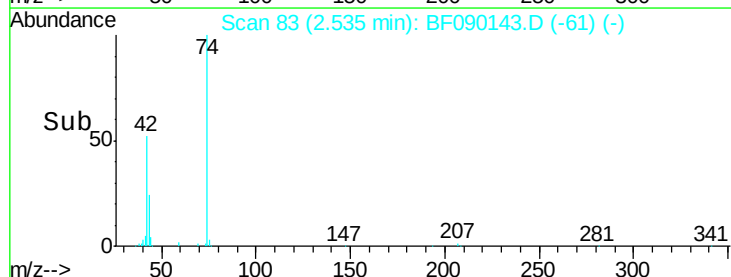
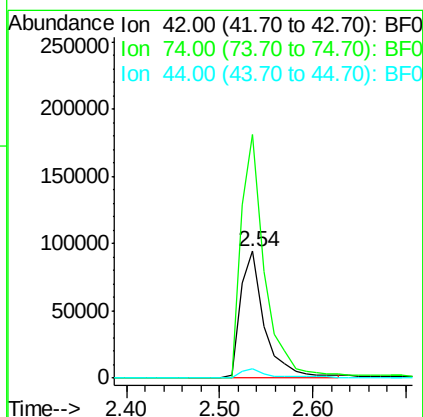
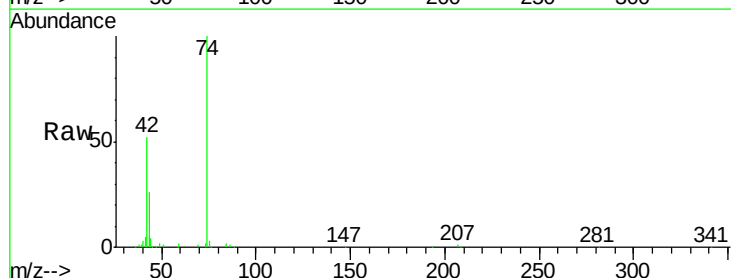
RT: 2.54 min Scan# 83

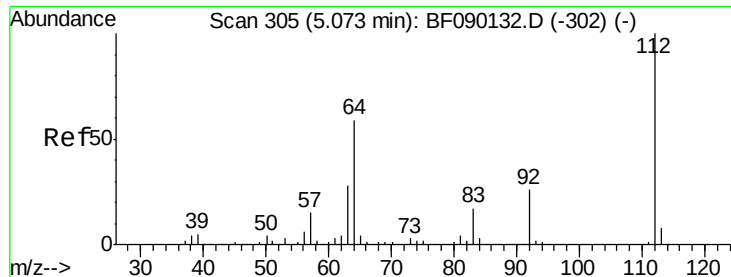
Delta R.T. 0.06 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	42	Resp:	169677
Ion	Ratio	Lower	Upper
42	100		
74	191.8	158.7	238.1
44	7.6	6.4	9.6





#5

2-Fluorophenol

Concen: 128.06 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.02 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion: 112 Resp: 1325732

Ion Ratio Lower Upper

112 100

64 52.6 39.8 59.6

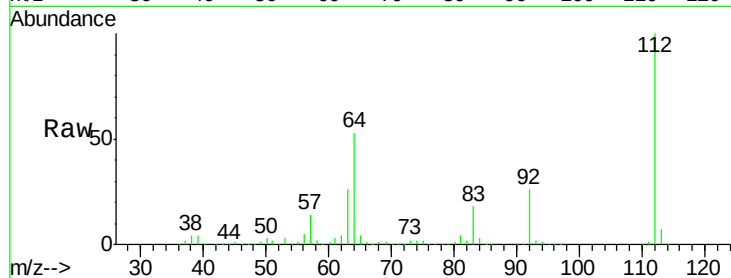
63 25.9 18.9 28.3

Manual Integrations

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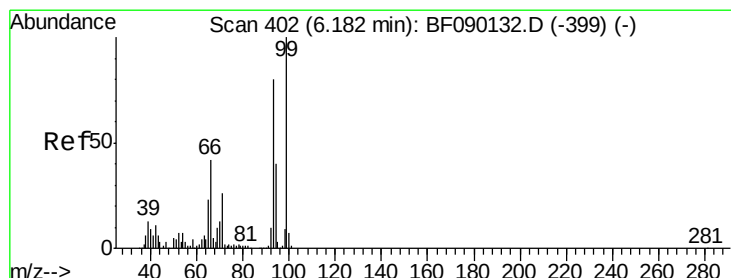
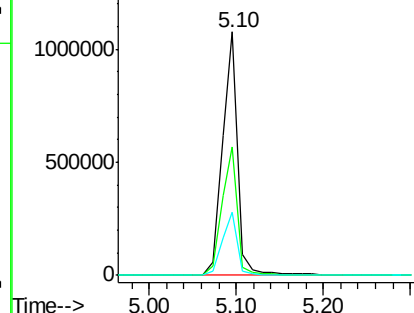
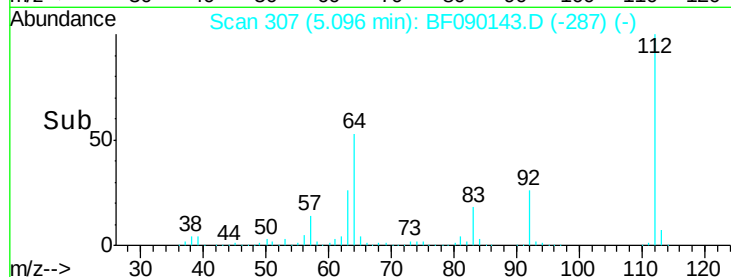
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.94 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

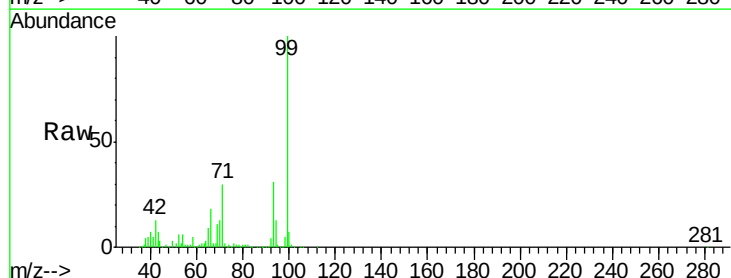
Tgt Ion: 93 Resp: 556846

Ion Ratio Lower Upper

93 100

66 59.1 54.2 81.2

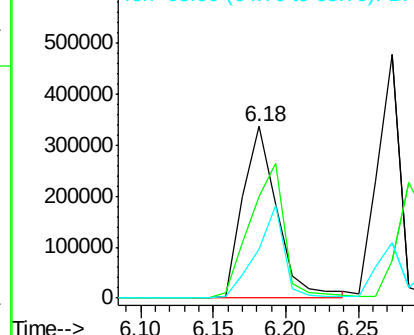
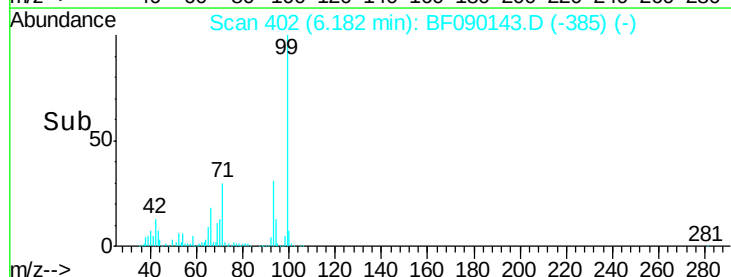
65 28.5 33.8 50.6#

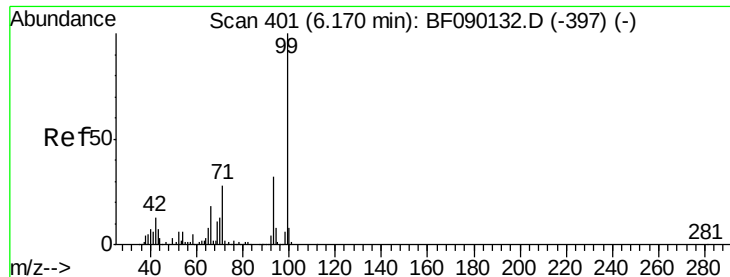


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.85 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion: 99 Resp: 1698394

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

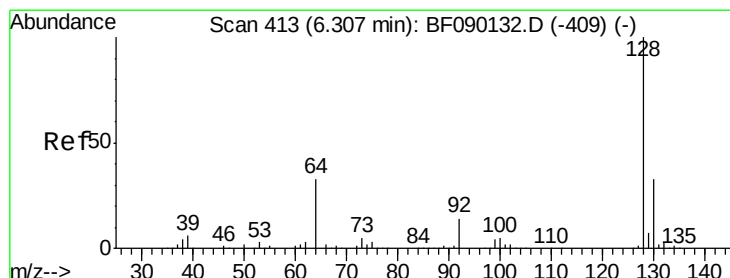
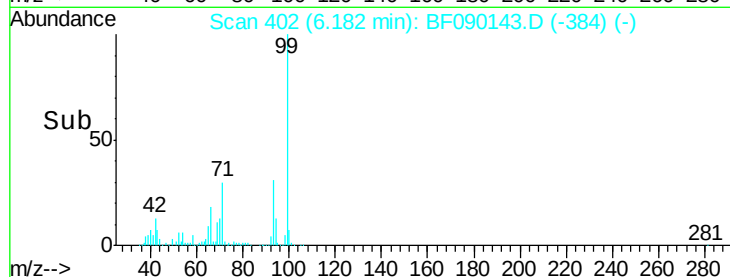
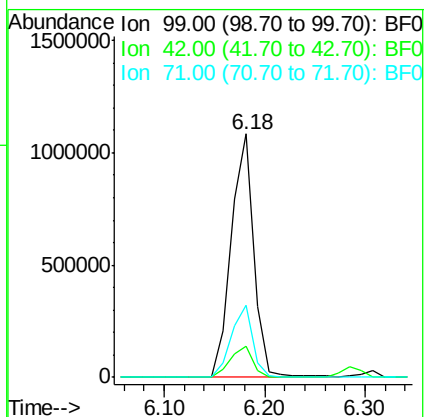
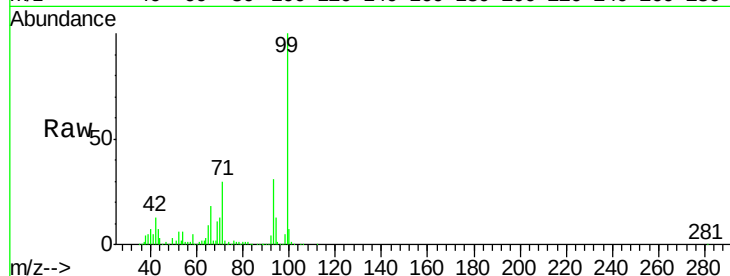
71 29.6 23.0 34.6

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#8

2-Chlorophenol

Concen: 43.56 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

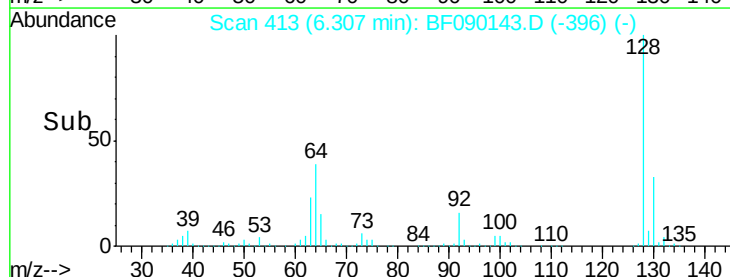
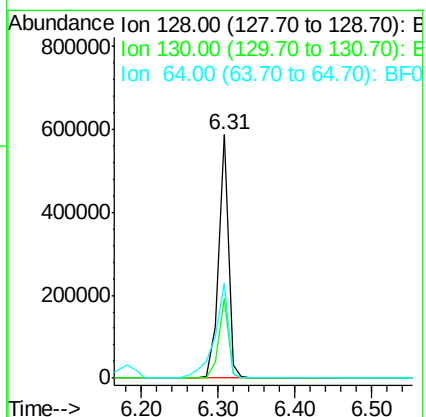
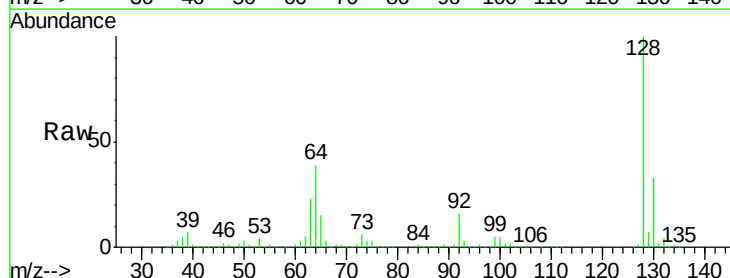
Tgt Ion: 128 Resp: 518893

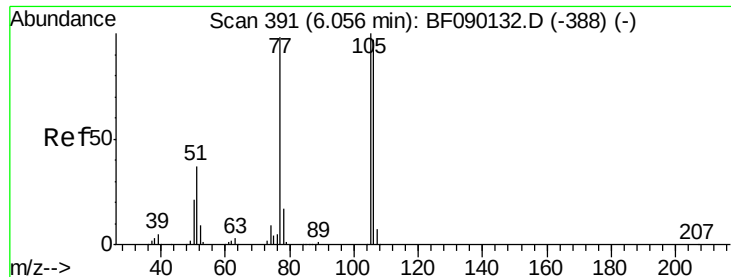
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 39.0 33.6 73.6





#9

Benzaldehyde

Concen: 9.72 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

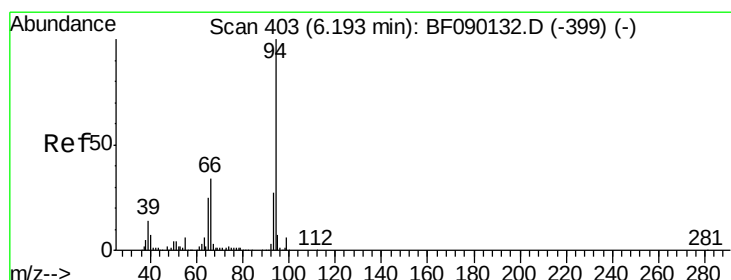
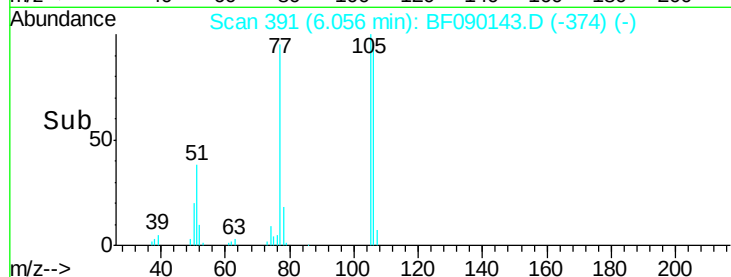
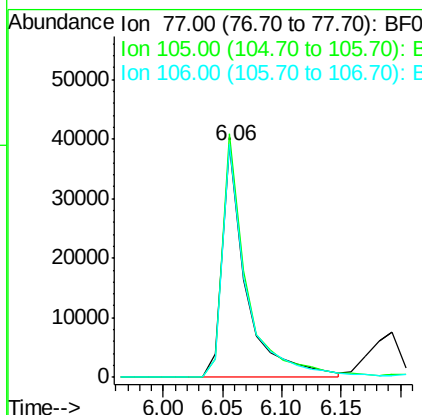
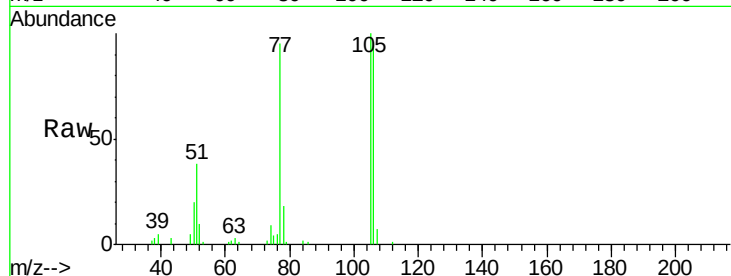
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.1	83.0	123.0
106	100.9	78.5	118.5

Manual Integrations
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#10

Phenol

Concen: 39.83 ng

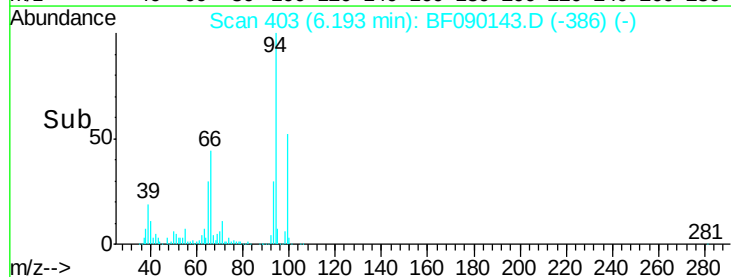
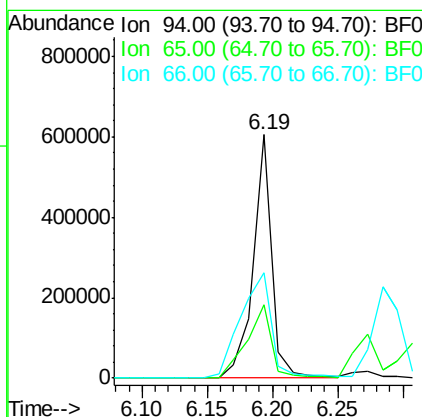
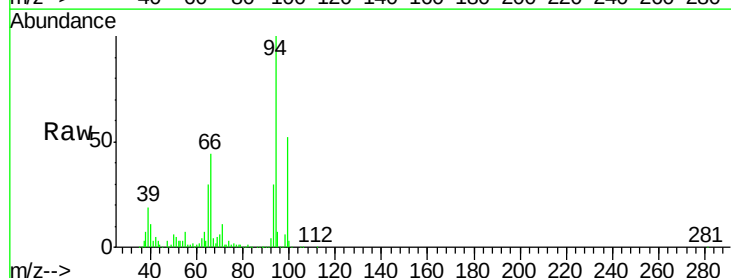
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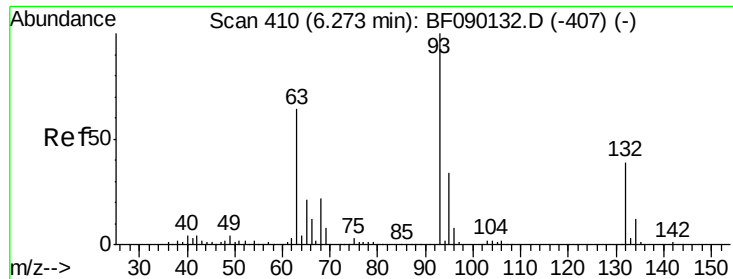
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	20.6	60.6
66	43.5	45.1	85.1#





#11

bis(2-Chloroethyl)ether

Concen: 44.77 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion: 93 Resp: 527593
Ion Ratio Lower Upper

93 100

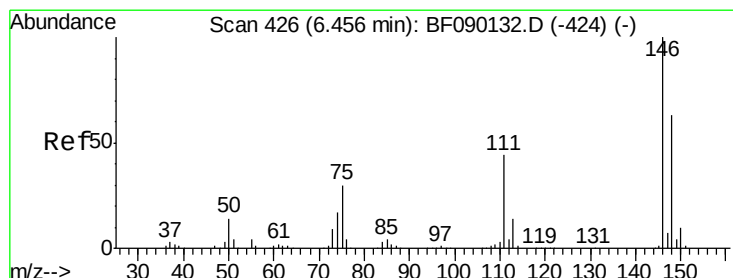
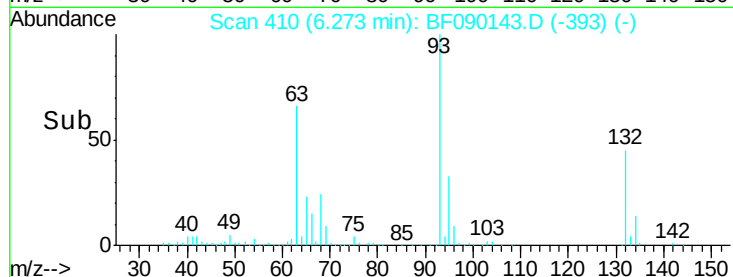
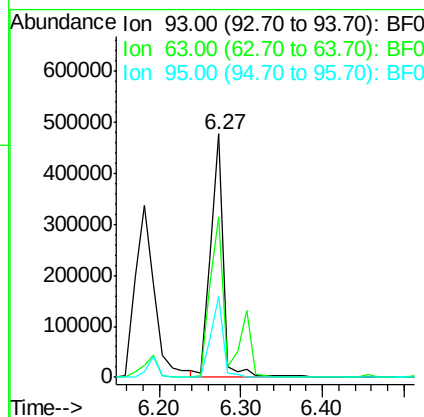
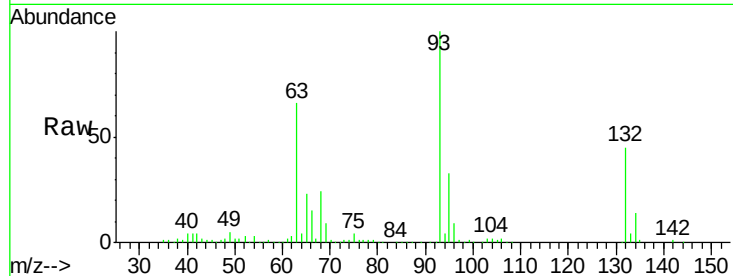
63 66.0 55.6 95.6

95 33.3 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 40.36 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090143.D

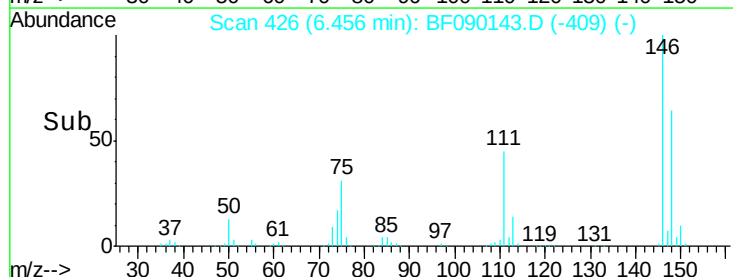
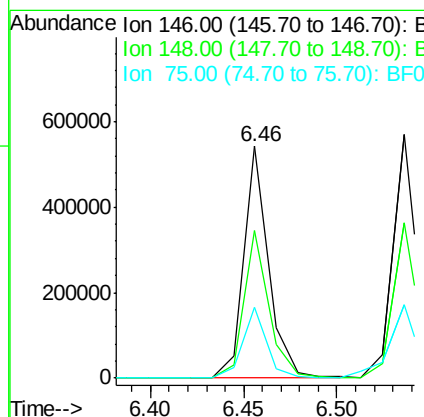
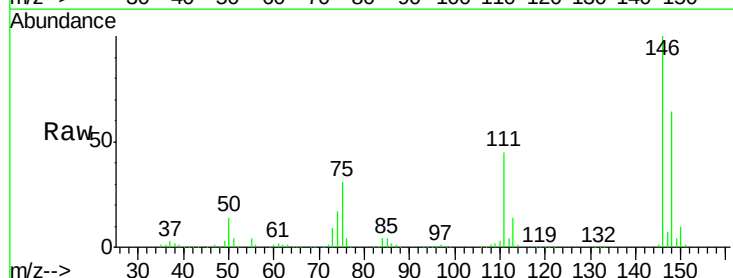
Acq: 20 Sep 2016 19:32

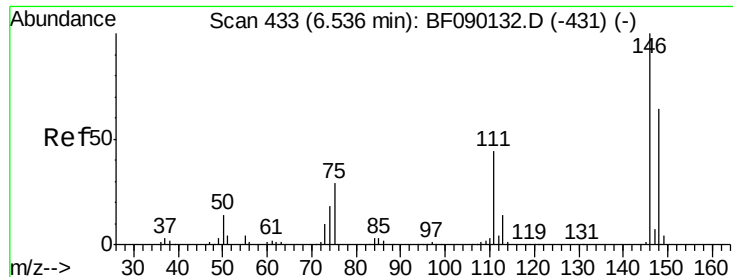
Tgt Ion: 146 Resp: 502169
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 30.7 22.8 34.2





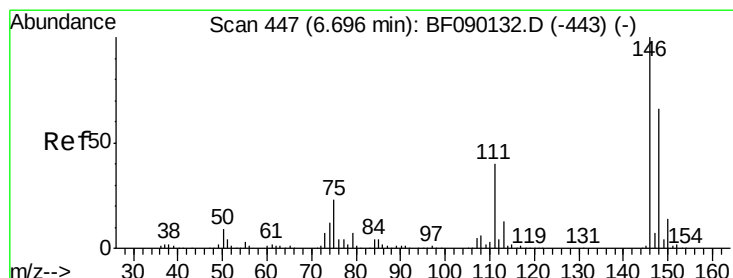
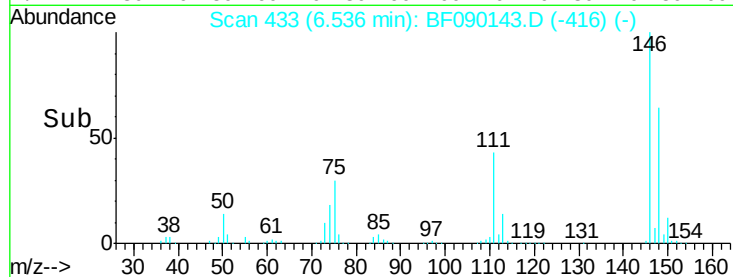
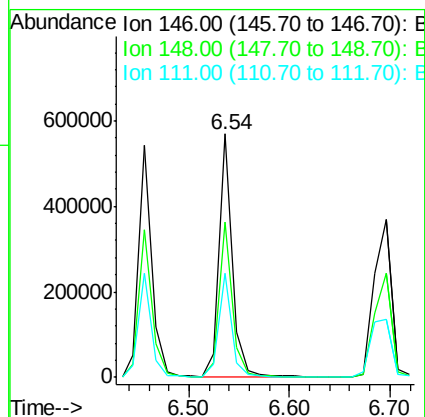
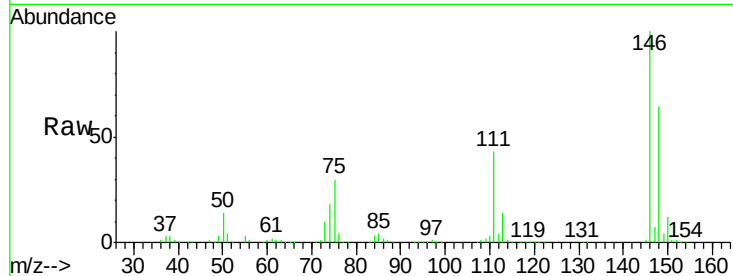
#13
 1,4-Dichlorobenzene
 Concen: 41.31 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	42.8	33.8	50.6

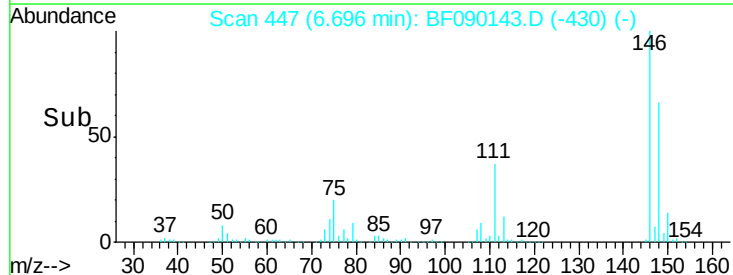
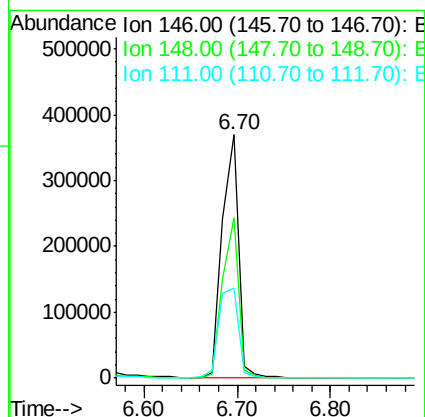
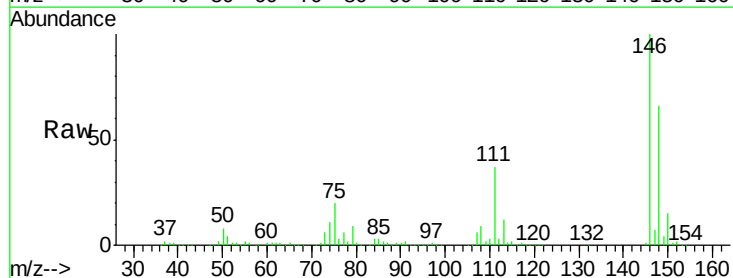
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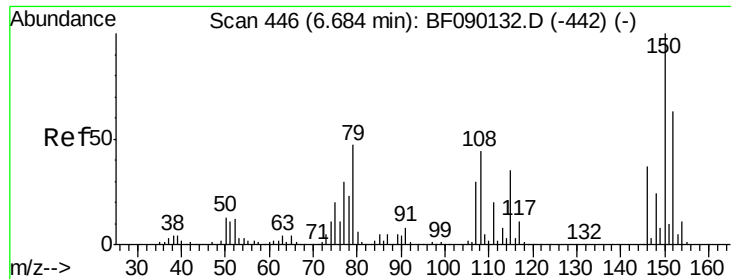
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.32 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	79.0
111	37.0	28.2	42.2





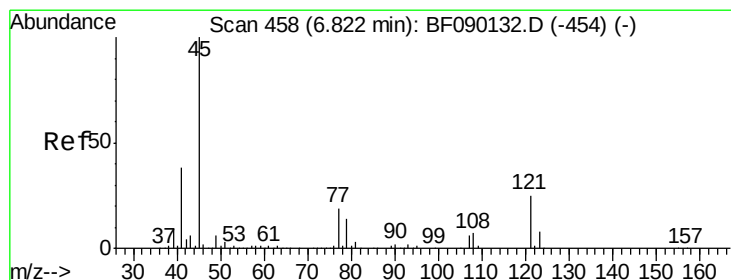
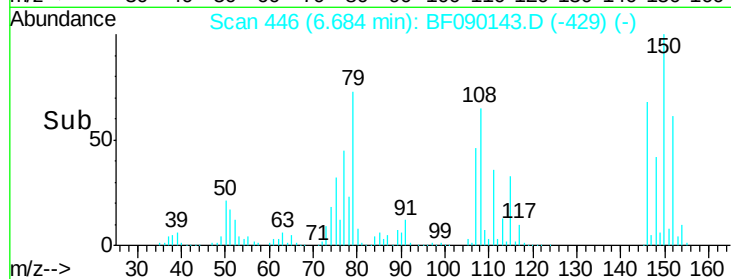
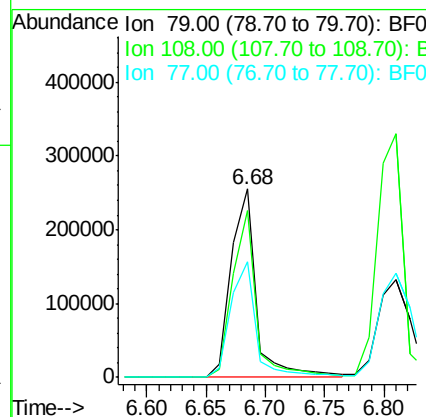
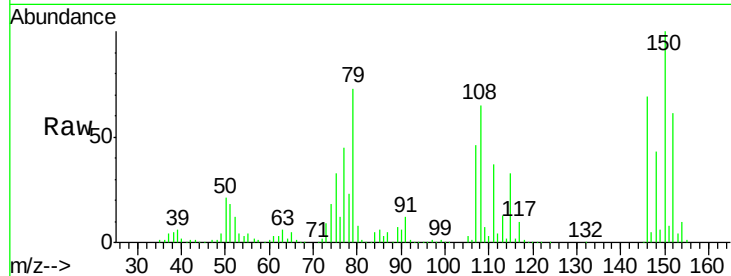
#15
Benzyl Alcohol
Concen: 49.48 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	88.7	62.2	93.4
77	61.2	51.4	77.0

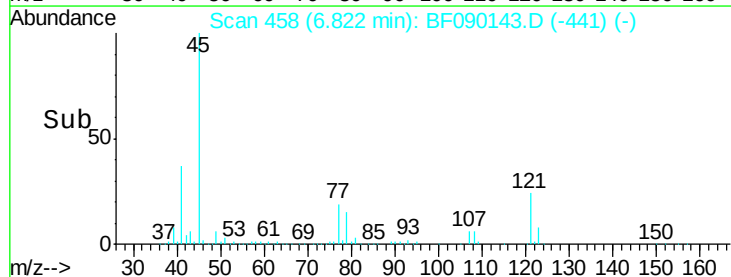
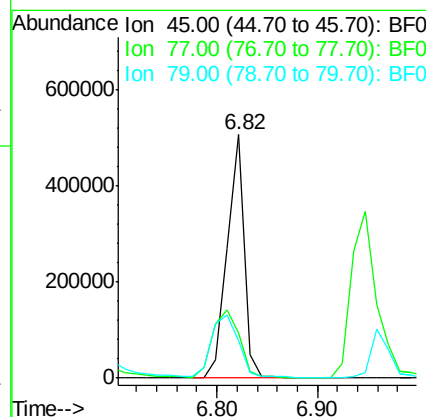
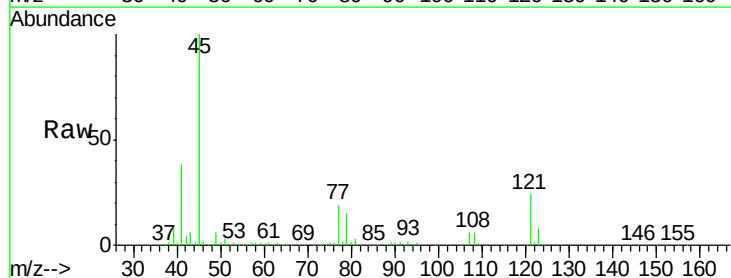
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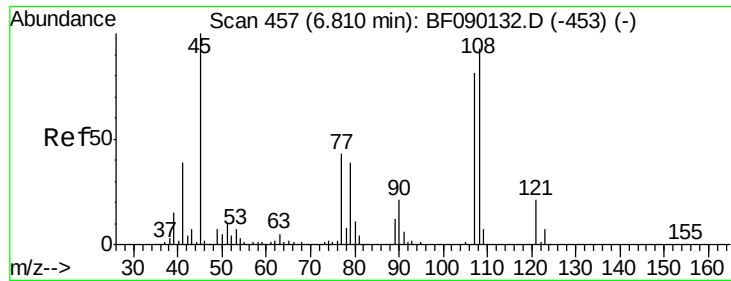
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.57 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.5	40.5
79	15.4	0.0	37.0





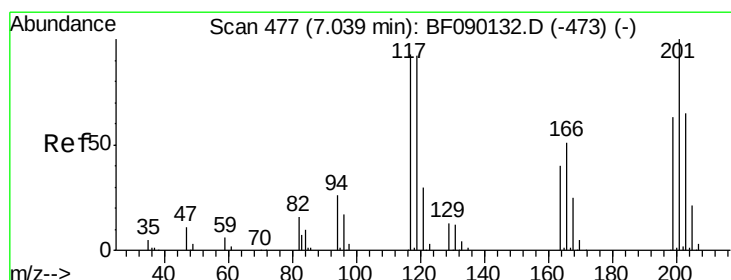
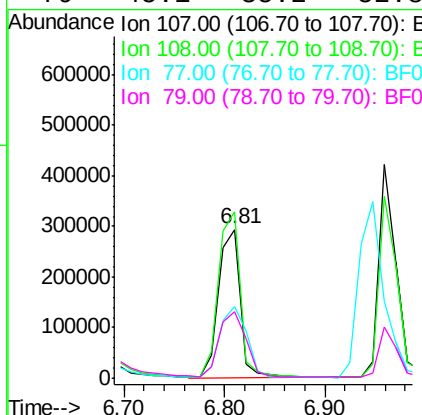
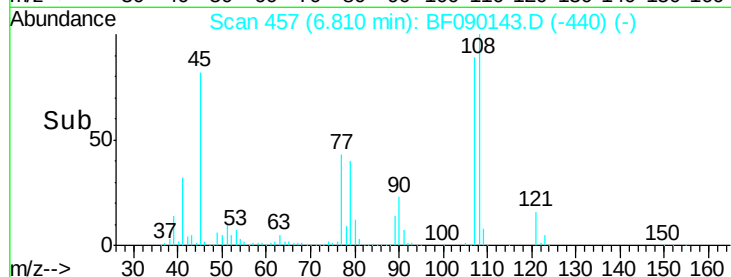
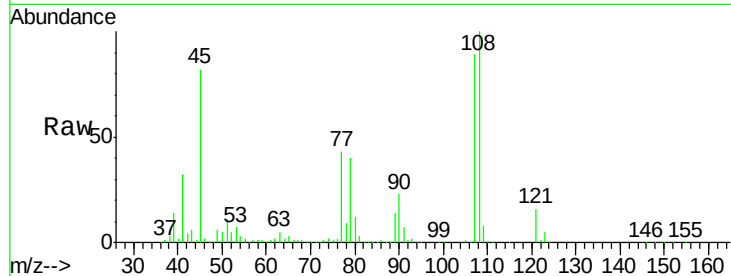
#17
2-Methylphenol
Concen: 47.09 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	441795		
108	112.5	92.0	138.0	
77	48.3	35.6	53.4	
79	45.1	35.2	52.8	

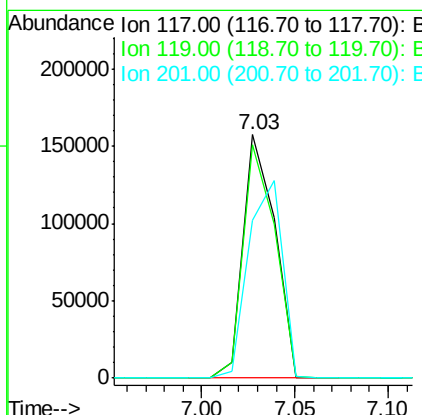
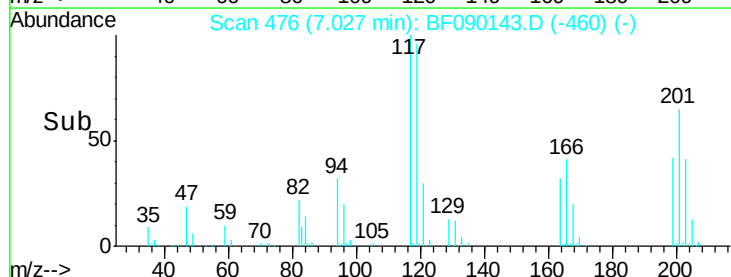
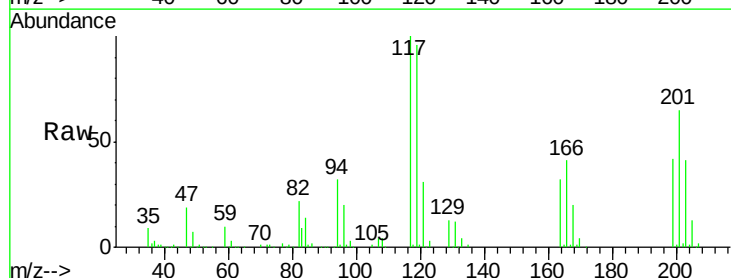
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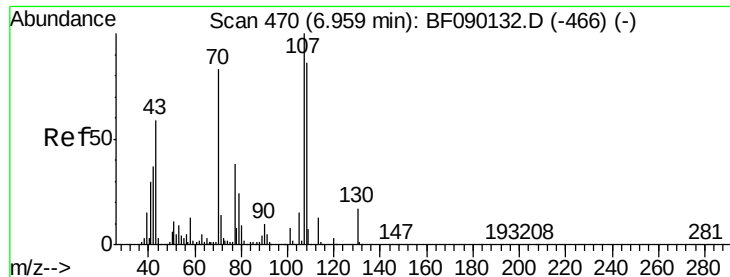
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#18
Hexachloroethane
Concen: 41.15 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	186480		
119	96.1	76.6	115.0	
201	65.1	55.5	83.3	





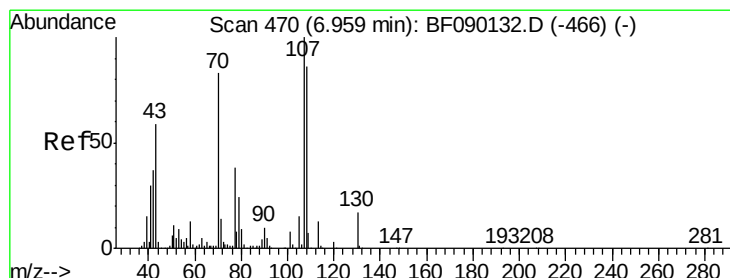
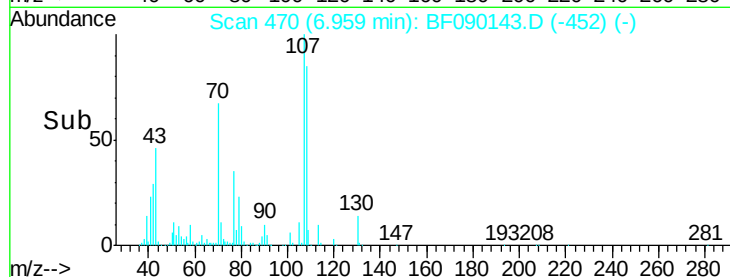
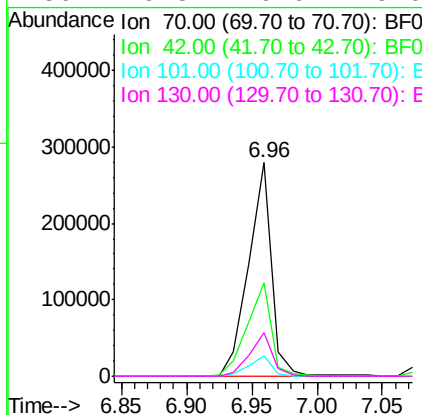
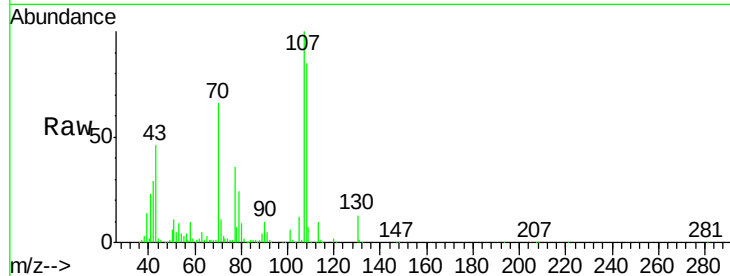
#19
n-Nitroso-di-n-propylamine
Concen: 45.45 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	43.7	35.1	52.7	
101	9.6	7.5	11.3	
130	20.3	16.6	25.0	

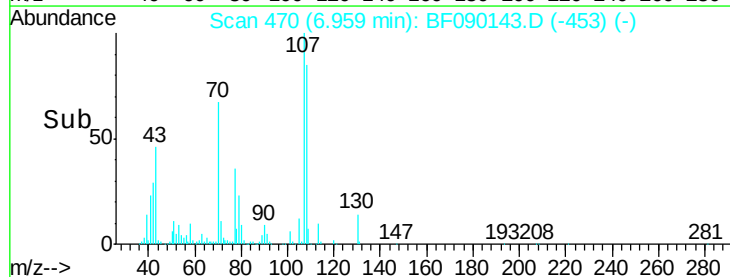
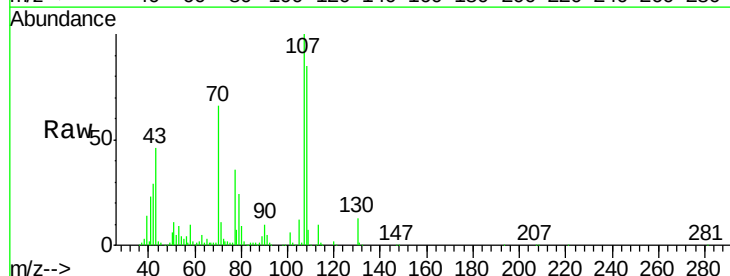
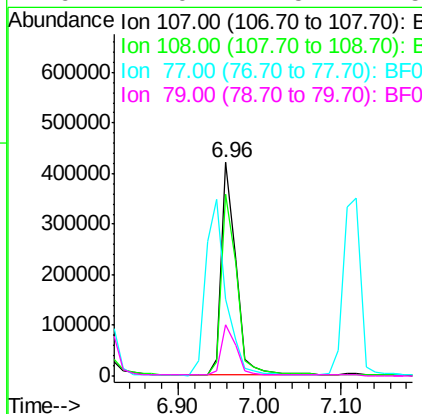
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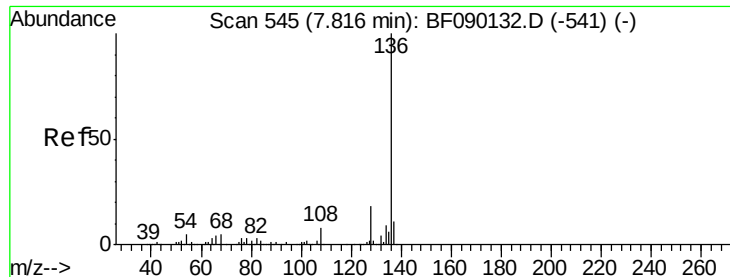
sohil
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#20
3+4-Methylphenols
Concen: 46.36 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.2	73.3	113.3	
77	35.9	14.1	54.1	
79	24.0	7.5	47.5	





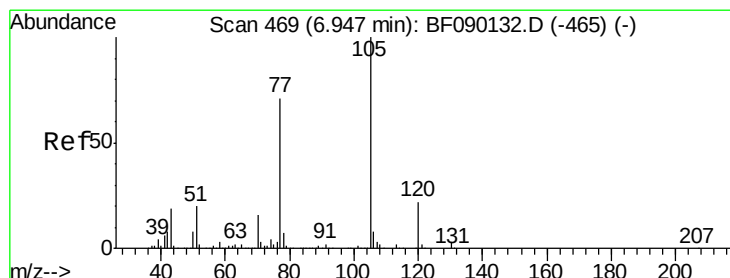
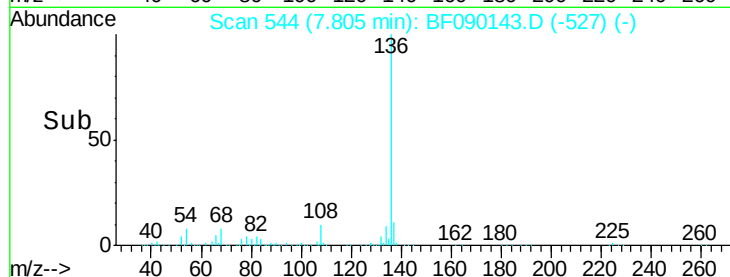
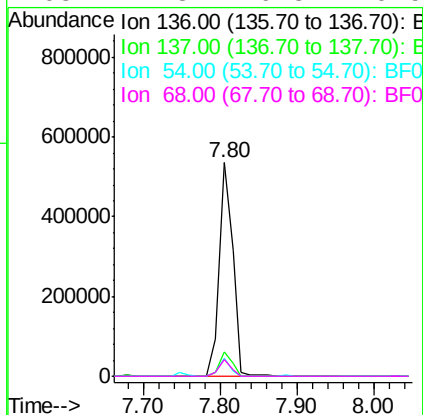
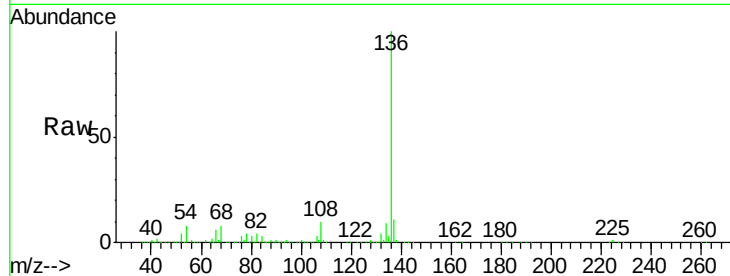
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	664963		
137	11.4	9.0	13.4	
54	8.4	6.4	9.6	
68	7.8	6.3	9.5	

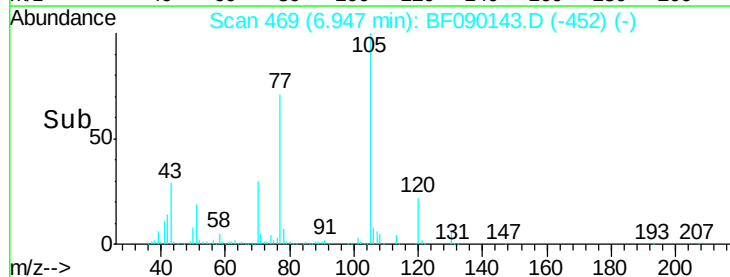
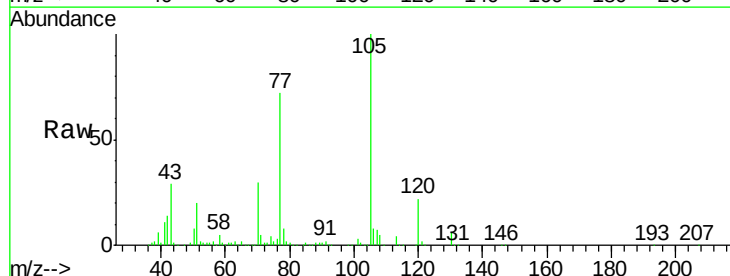
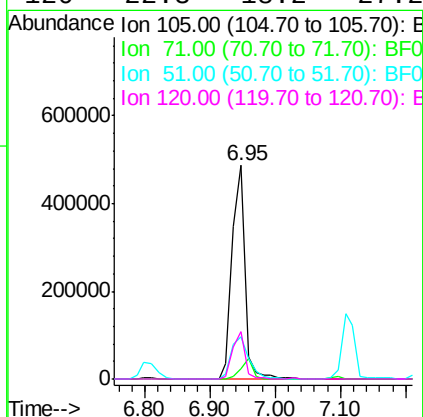
Manual Integrations
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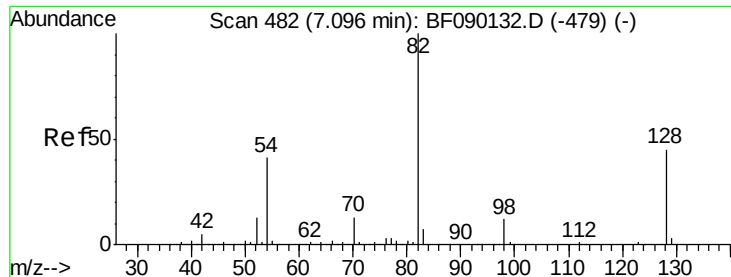
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#22
Acetophenone
Concen: 41.30 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	662297		
71	5.1	4.1	6.1	
51	19.7	16.2	24.2	
120	22.3	18.2	27.2	





#23

Nitrobenzene-d5

Concen: 91.67 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion: 82 Resp: 1051593

Ion Ratio Lower Upper

82 100

128 46.1 37.5 56.3

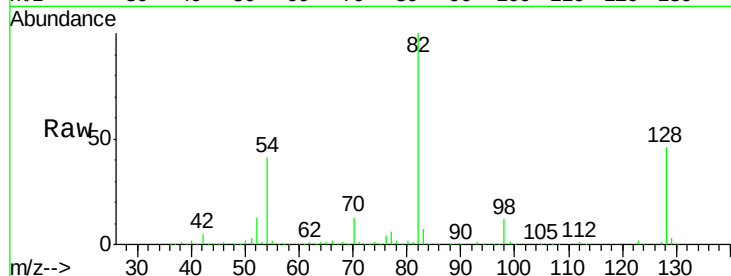
54 41.0 31.9 47.9

Manual Integrations

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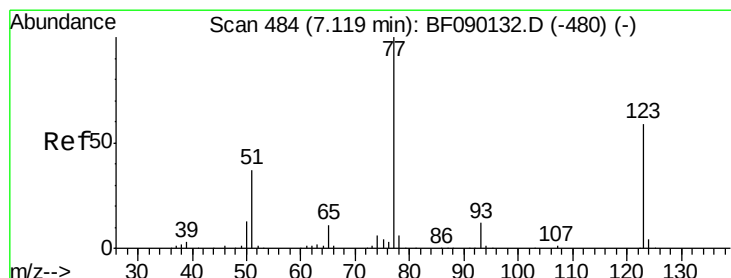
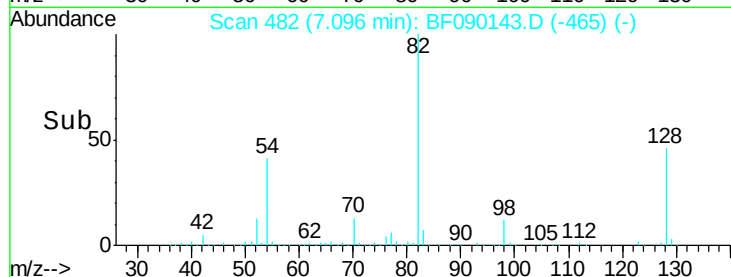
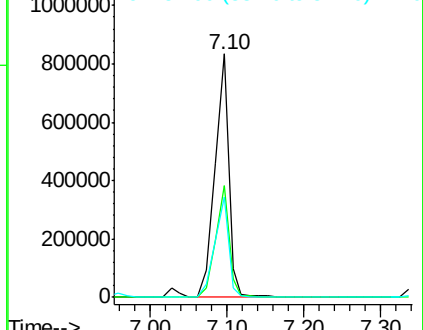
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.68 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

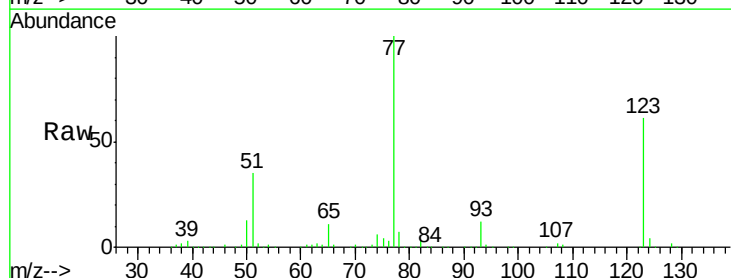
Tgt Ion: 77 Resp: 522050

Ion Ratio Lower Upper

77 100

123 61.4 33.4 50.2#

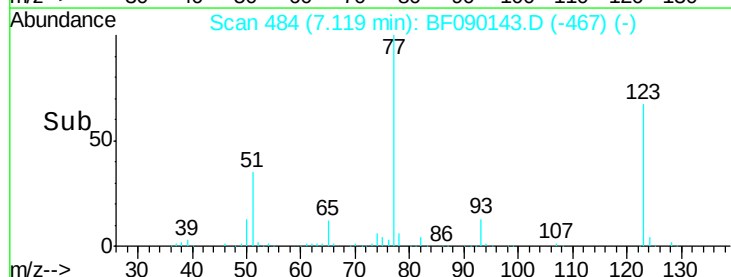
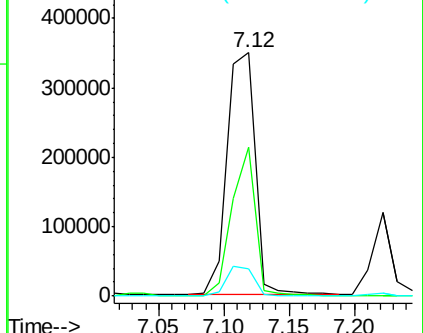
65 11.1 10.1 15.1

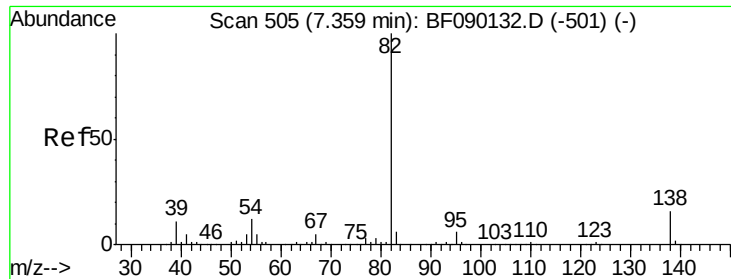


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.05 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion: 82 Resp: 1031852

Ion Ratio Lower Upper

82 100

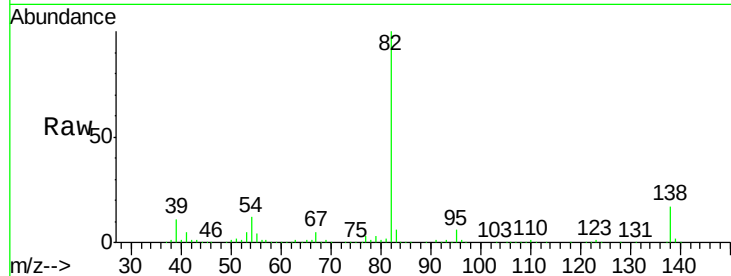
95 6.5 5.1 7.7

138 16.6 13.5 20.3

Manual Integrations
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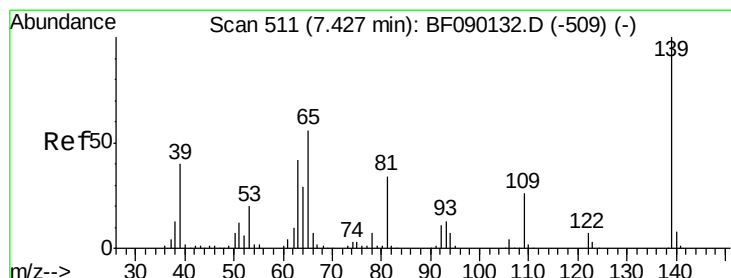
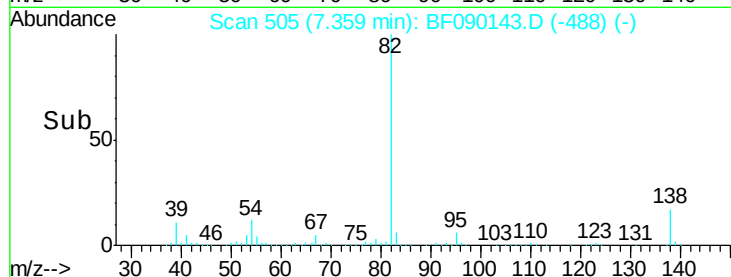
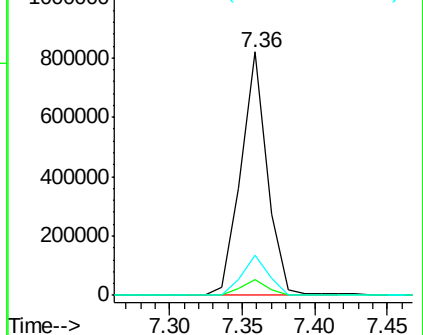
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.76 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

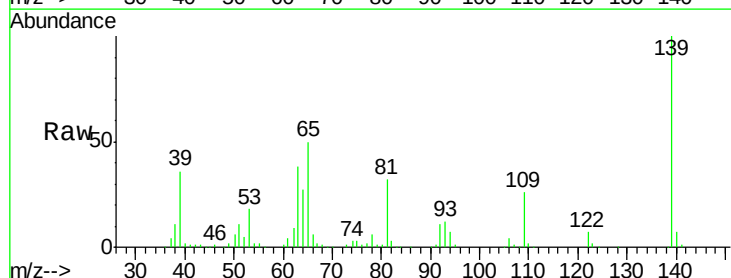
Tgt Ion: 139 Resp: 263440

Ion Ratio Lower Upper

139 100

109 26.1 20.5 30.7

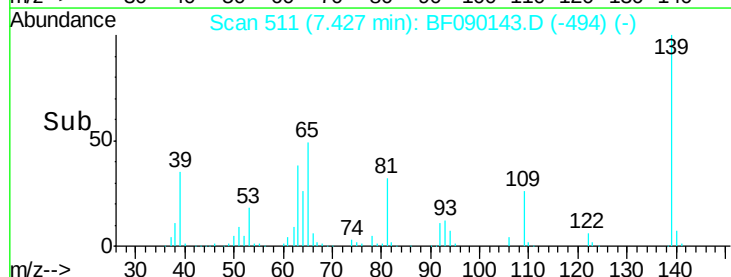
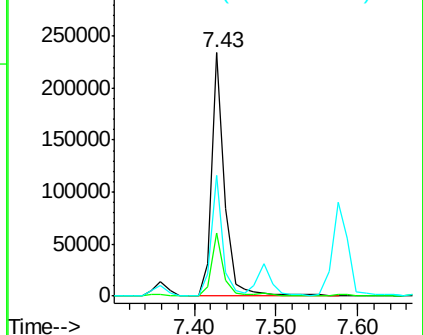
65 49.8 37.9 56.9

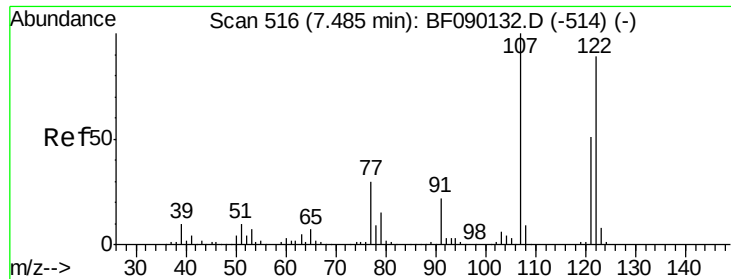


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





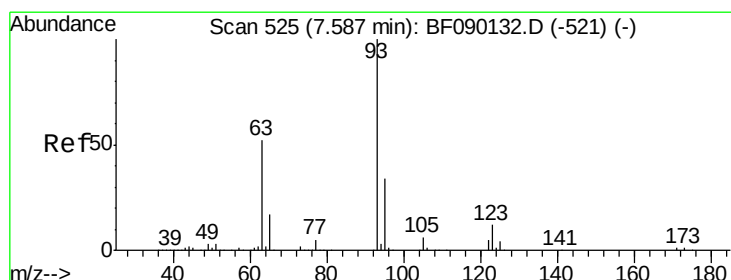
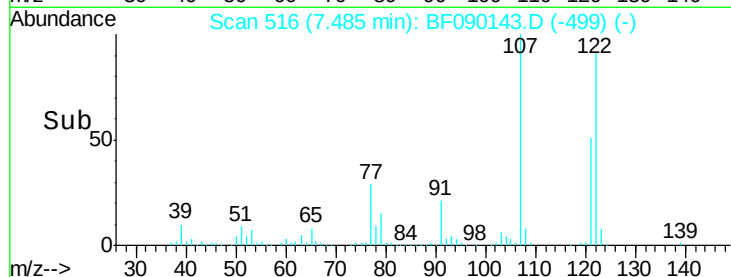
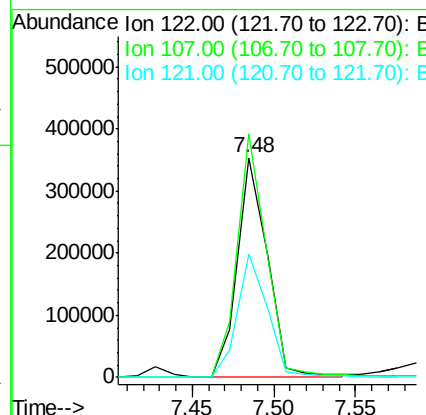
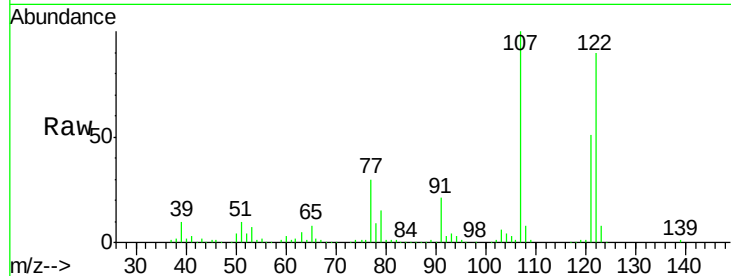
#27
 2,4-Dimethylphenol
 Concen: 42.80 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	447571		
107	110.7	87.8	131.6	
121	56.2	45.7	68.5	

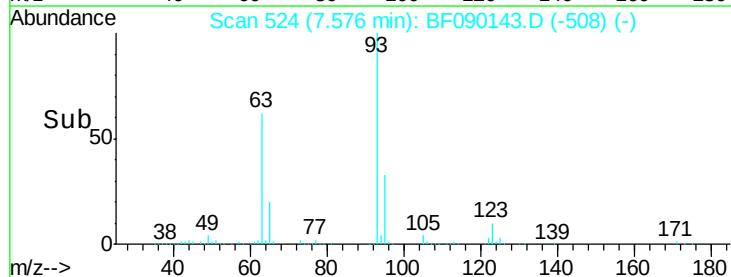
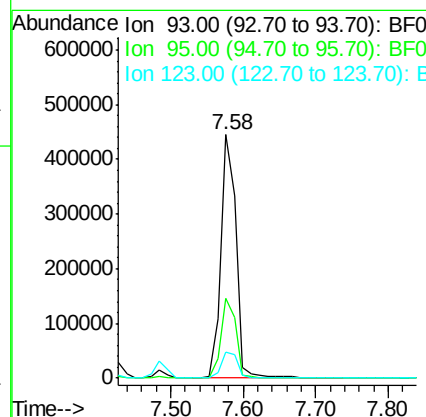
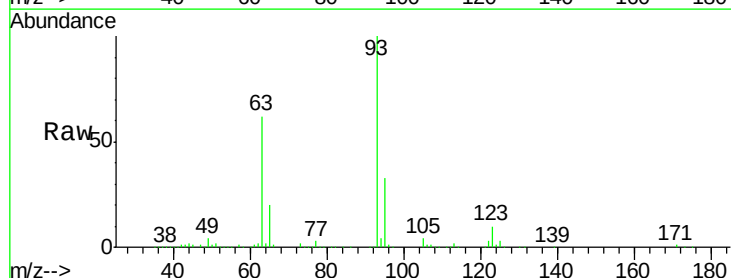
Manual Integrations
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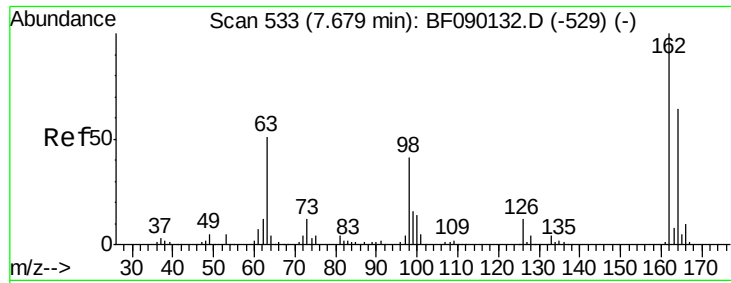
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.12 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	639606		
95	32.8	26.8	40.2	
123	10.5	8.5	12.7	





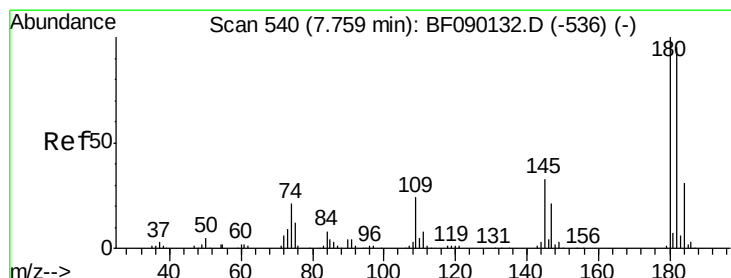
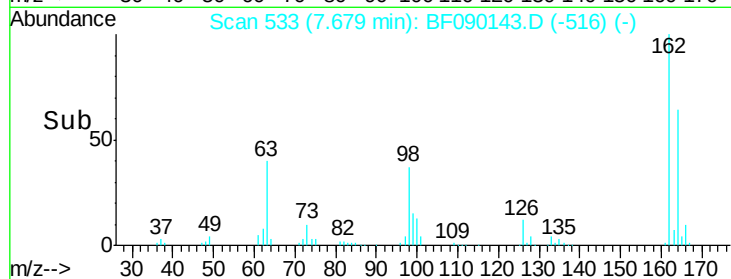
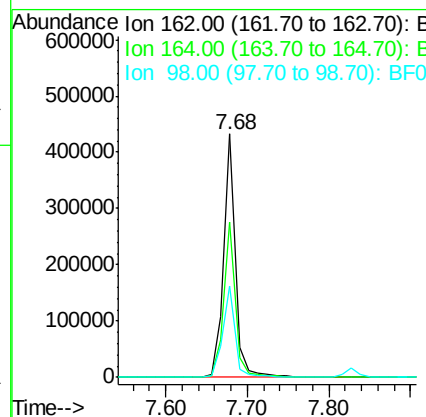
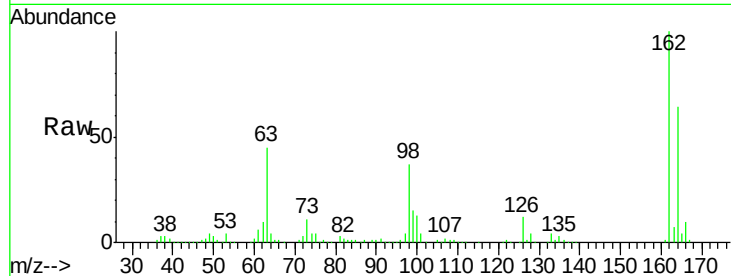
#29
 2,4-Dichlorophenol
 Concen: 47.74 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	437872		
164	63.8	46.2	86.2	
98	37.4	10.4	50.4	

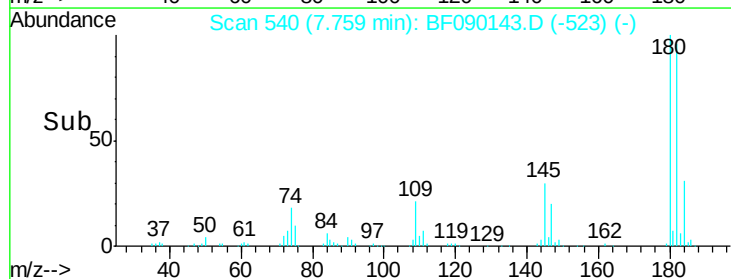
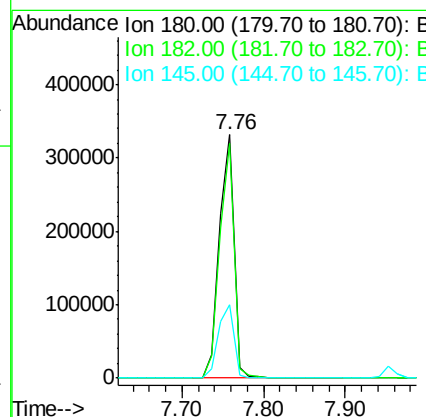
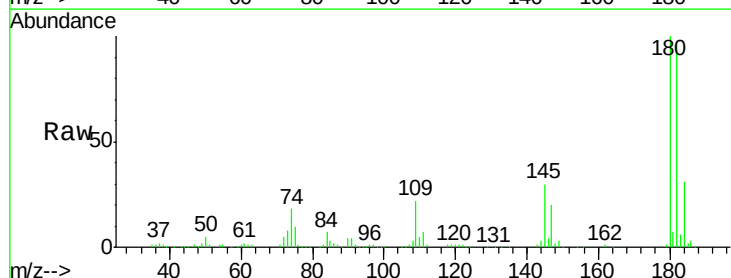
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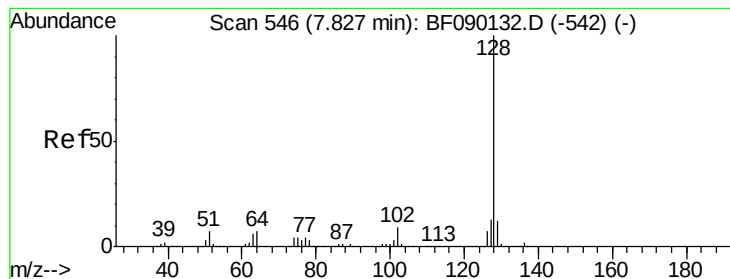
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.78 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	419415		
182	96.3	75.0	112.6	
145	30.2	28.6	42.8	





#31

Naphthalene

Concen: 42.98 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:128 Resp: 1360960

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

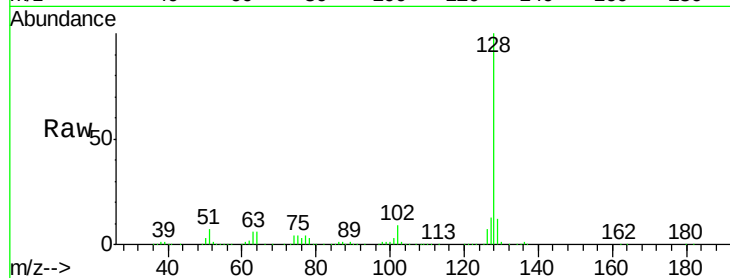
127 13.4 10.8 16.2

Manual Integrations

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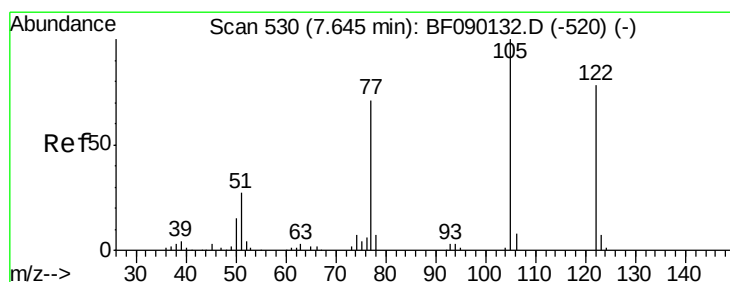
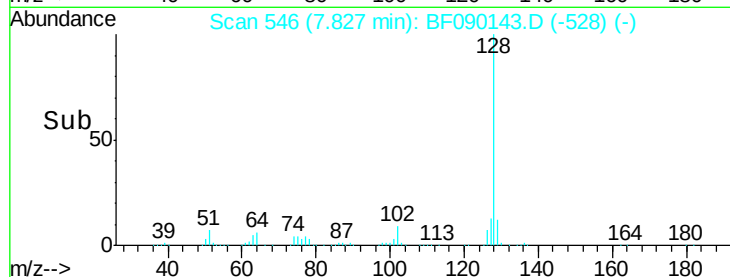
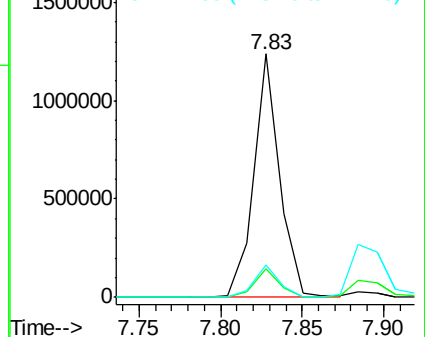
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.47 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

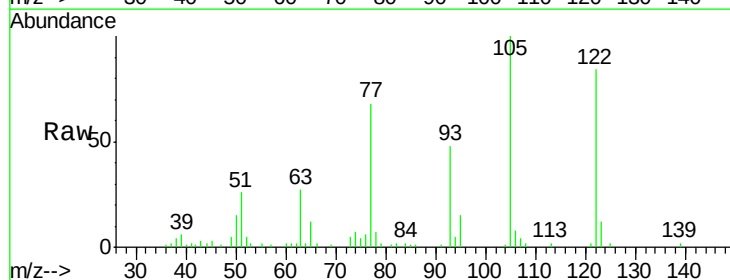
Tgt Ion:122 Resp: 67997

Ion Ratio Lower Upper

122 100

105 118.4 105.0 145.0

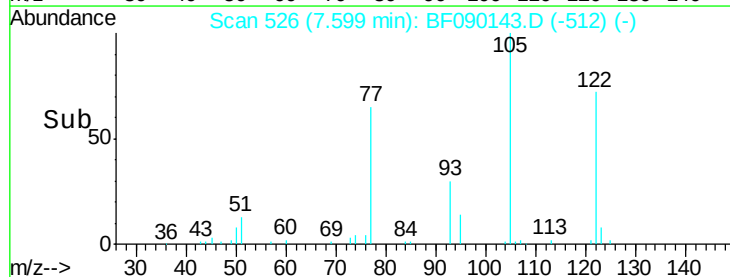
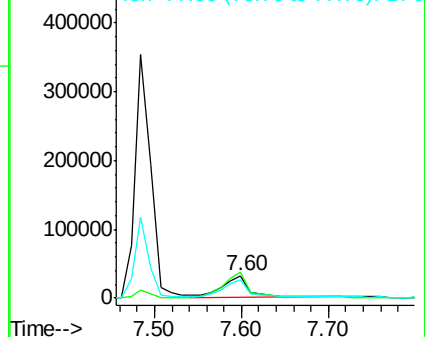
77 81.0 70.4 110.4

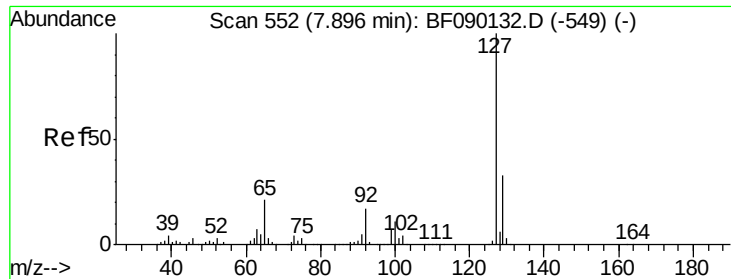


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





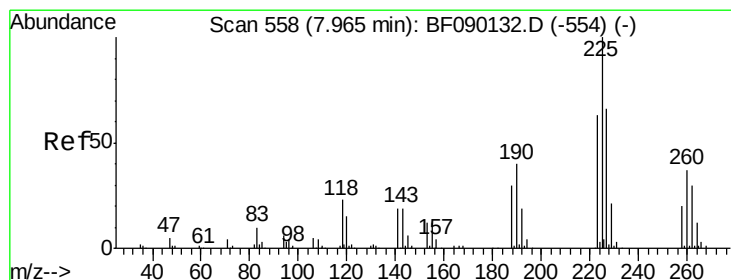
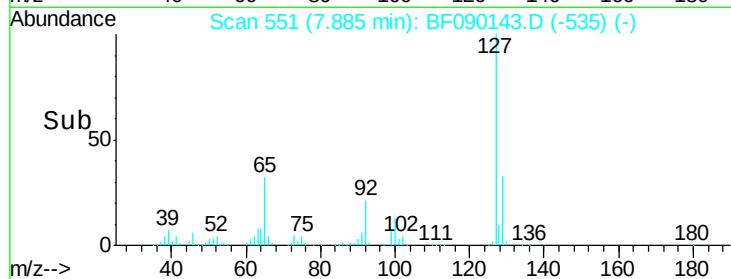
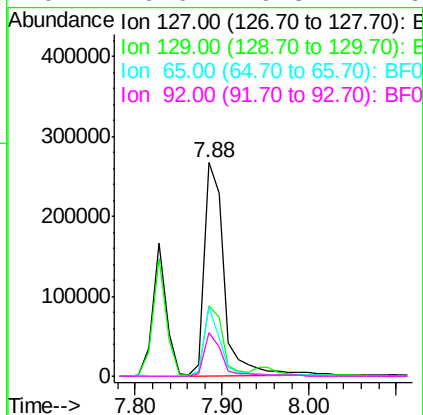
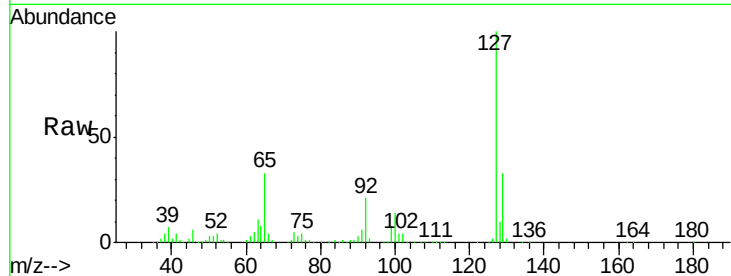
#33
 4-Chloroaniline
 Concen: 32.18 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	422710		
129	32.7	25.8	38.6	
65	32.5	24.1	36.1	
92	20.6	16.3	24.5	

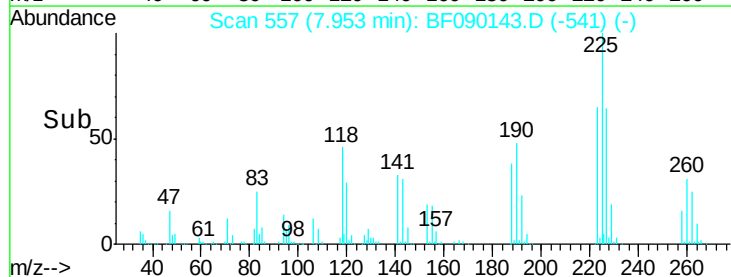
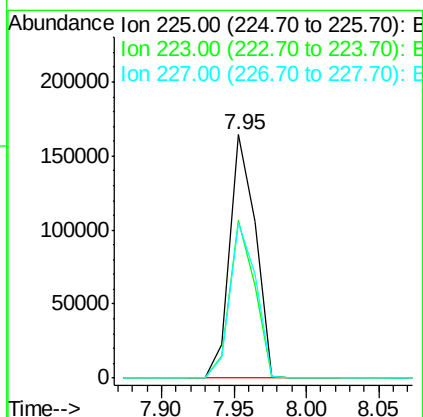
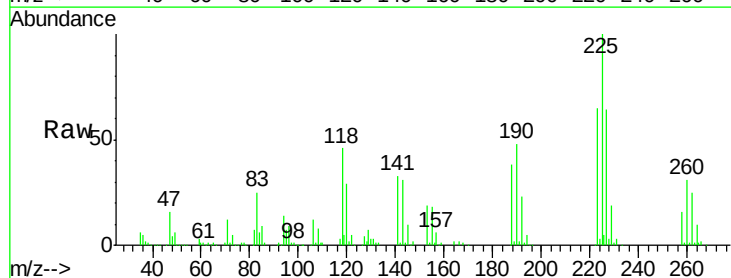
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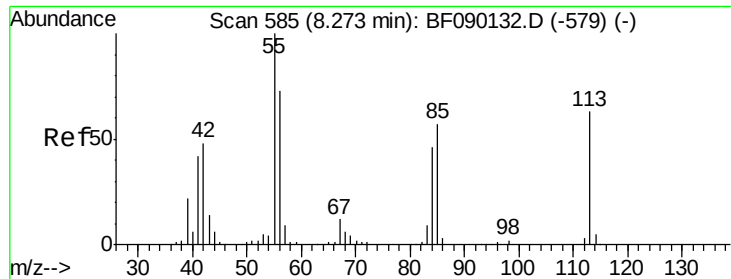
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#34
 Hexachlorobutadiene
 Concen: 41.90 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202511		
223	65.0	51.3	76.9	
227	63.9	51.4	77.0	





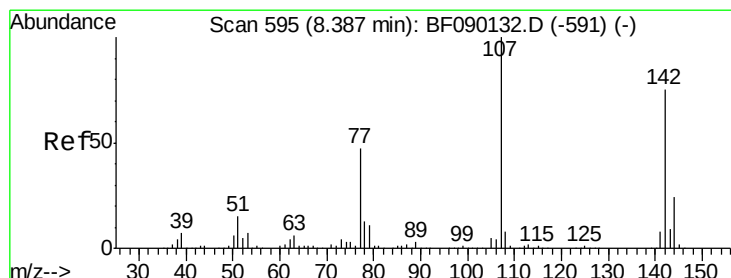
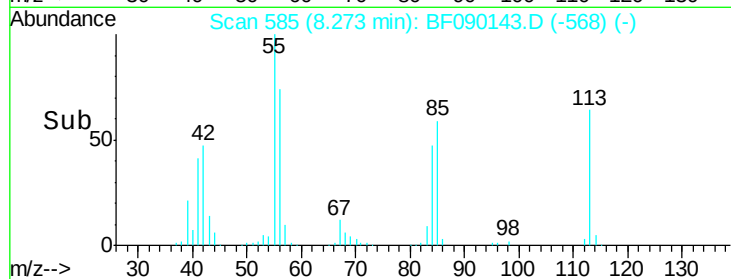
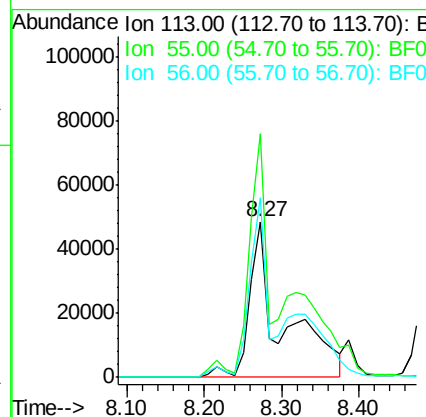
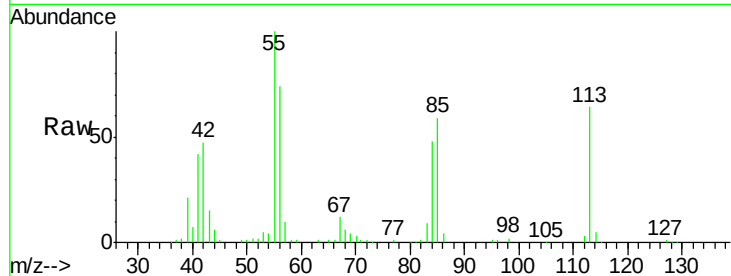
#35
 Caprolactam
 Concen: 47.23 ng m
 RT: 8.27 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	156.4	134.5	174.5
56	115.2	93.7	133.7

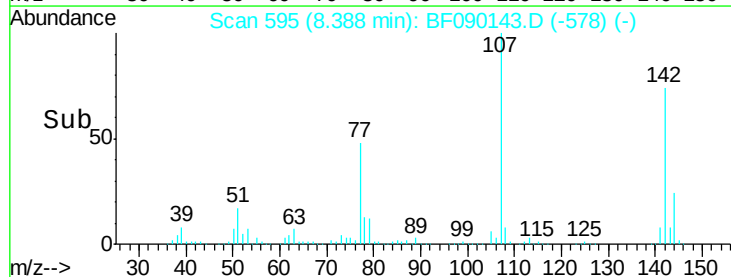
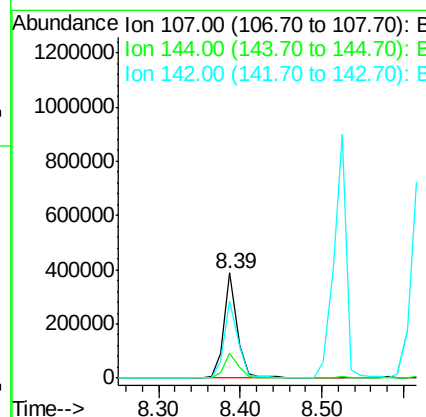
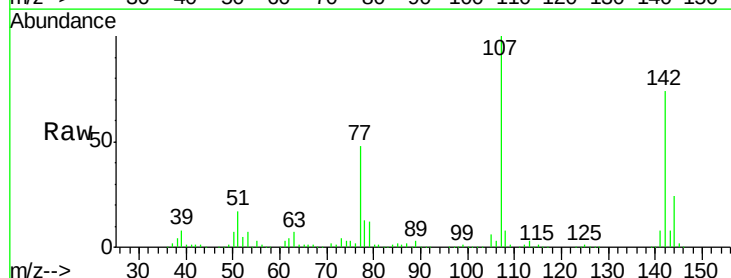
Manual Integrations
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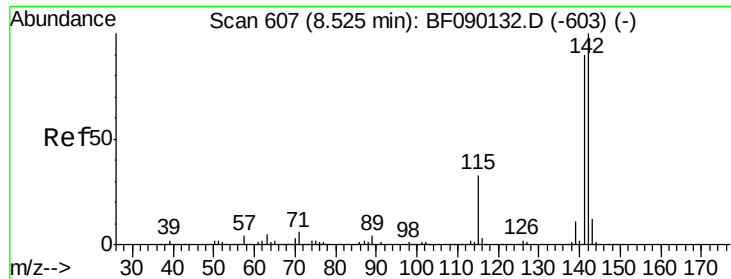
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#36
 4-Chloro-3-methylphenol
 Concen: 43.19 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.6	27.8
142	73.5	57.0	85.6





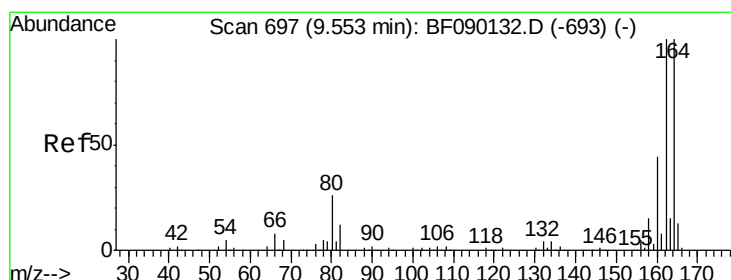
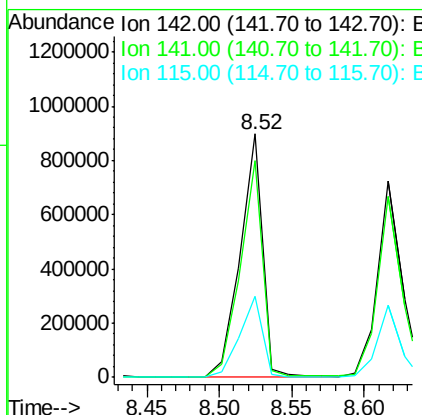
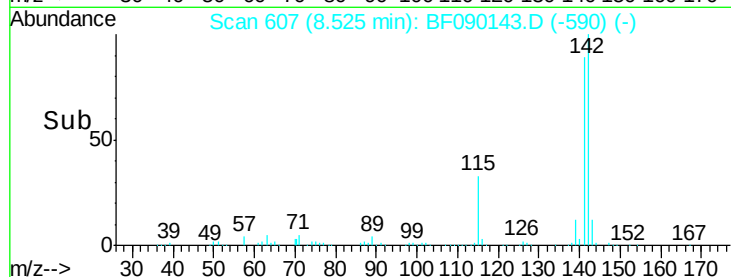
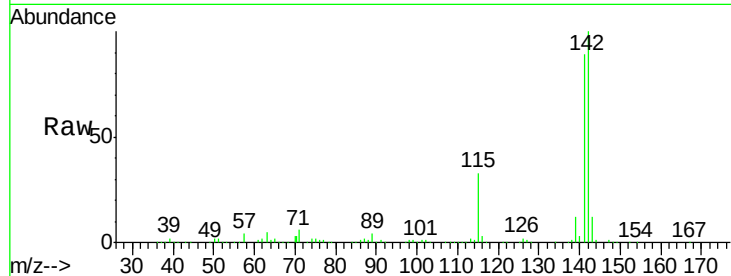
#37
2-Methylnaphthalene
Concen: 48.83 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	33.3	28.3	42.5

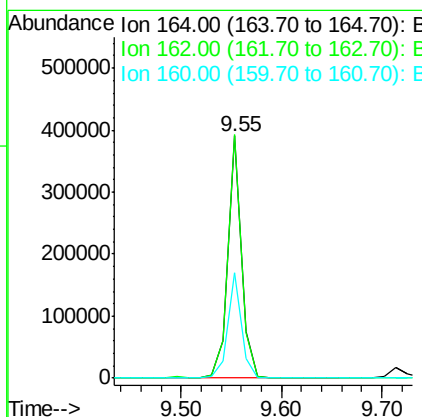
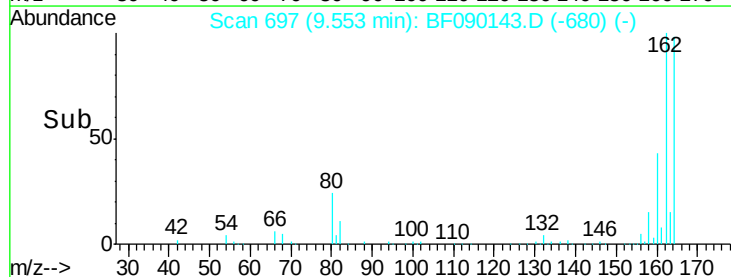
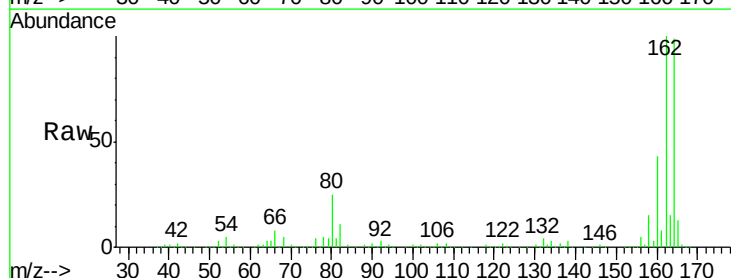
Manual Integrations
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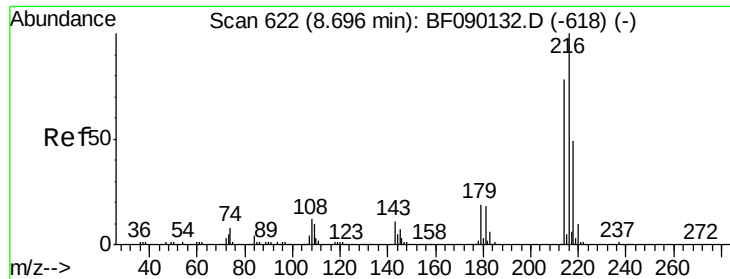
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.2
160	43.7	36.6	54.8





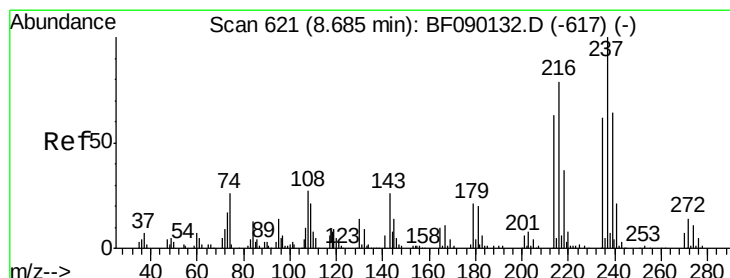
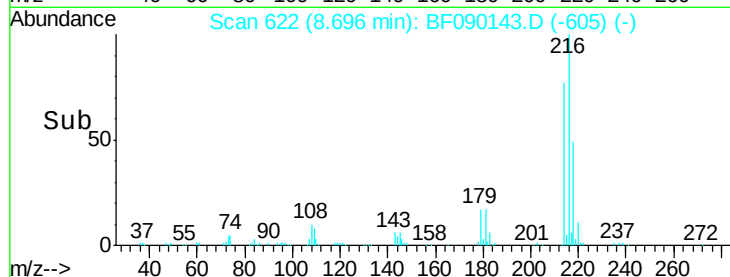
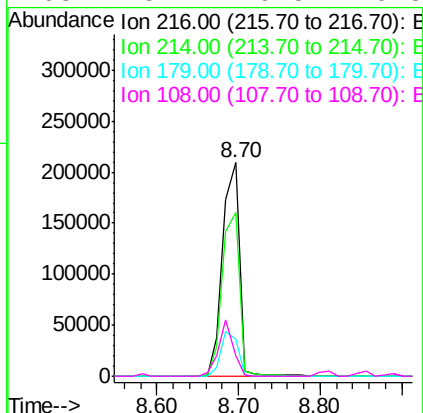
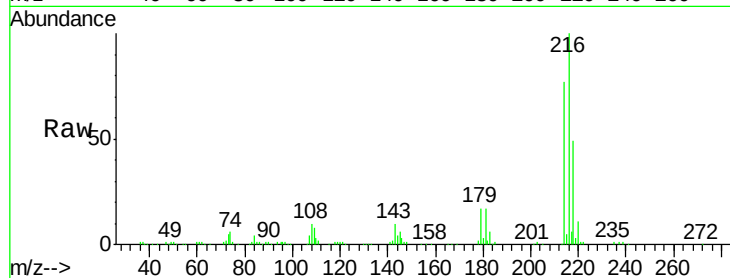
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.39 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	21.0	18.5	27.7
108	23.4	19.5	29.3

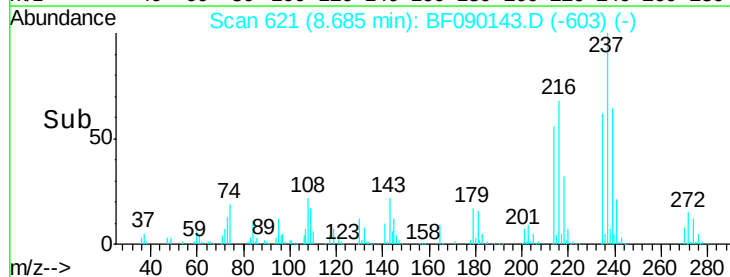
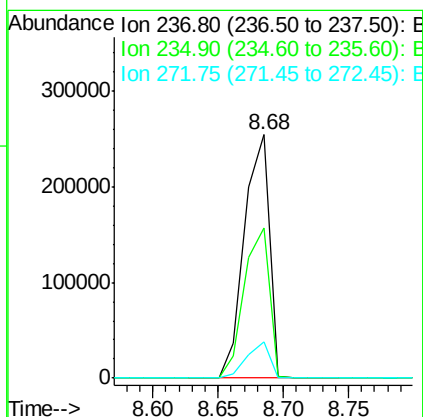
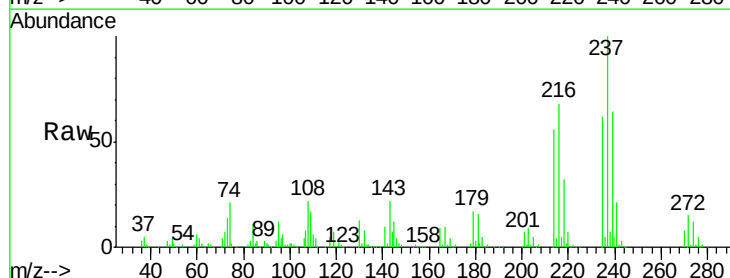
Manual Integrations
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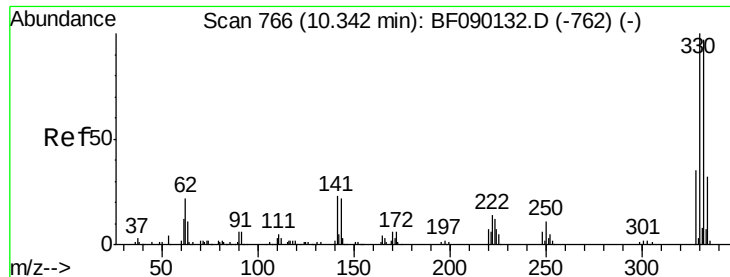
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#40
 Hexachlorocyclopentadiene
 Concen: 81.38 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.5	82.5
272	14.8	0.0	32.0





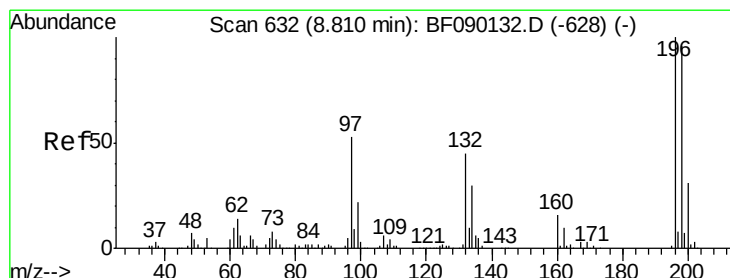
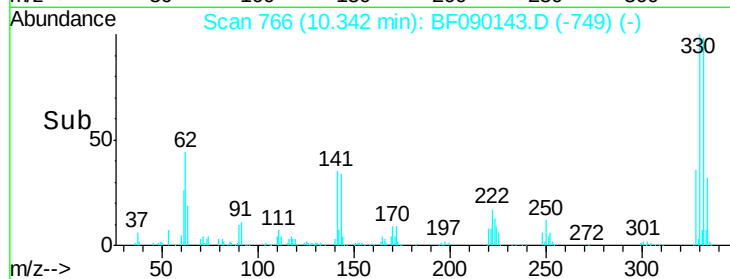
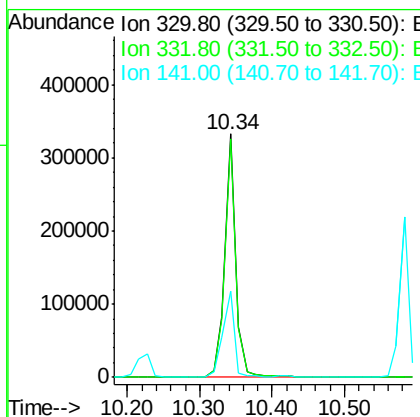
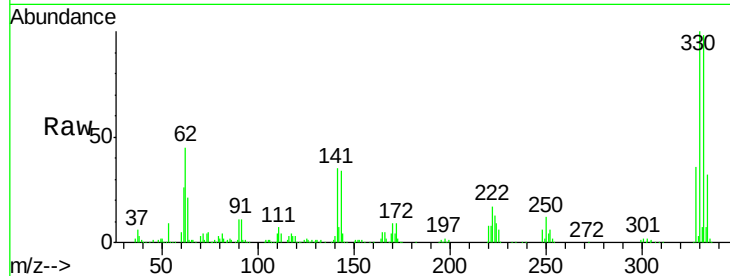
#41
 2,4,6-Tribromophenol
 Concen: 113.08 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	356779		
332	97.5	78.1	117.1	
141	36.4	23.9	35.9#	

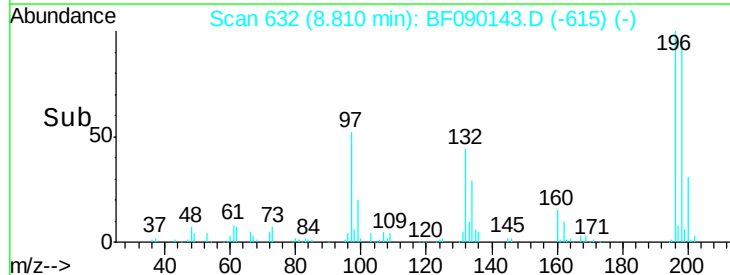
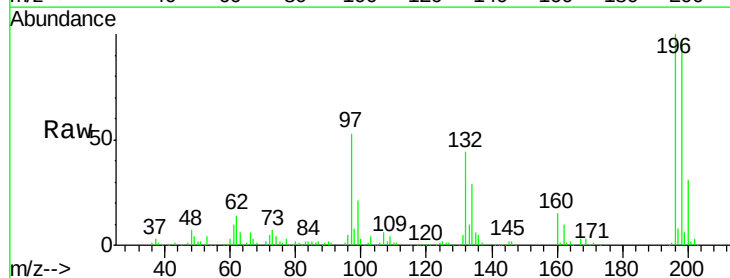
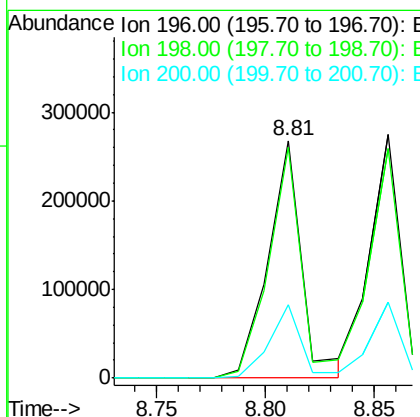
Manual Integrations
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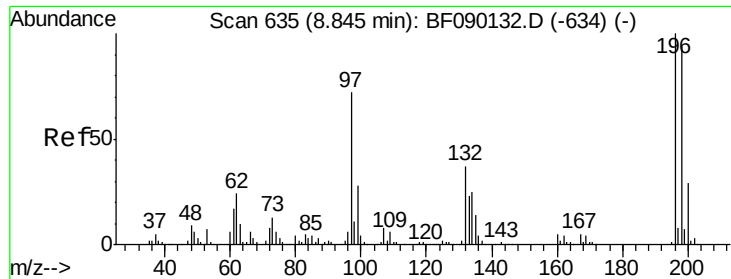
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#42
 2,4,6-Trichlorophenol
 Concen: 48.21 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289996		
198	97.1	76.3	114.5	
200	30.9	24.1	36.1	





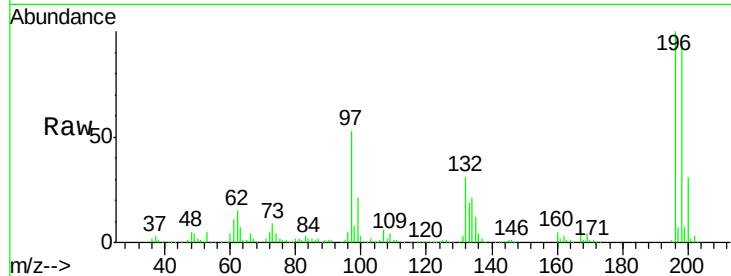
#43
 2,4,5-Trichlorophenol
 Concen: 44.78 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

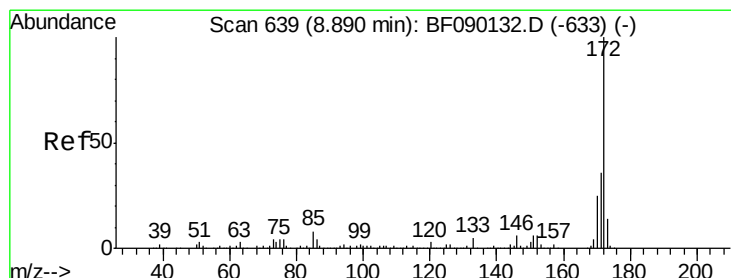
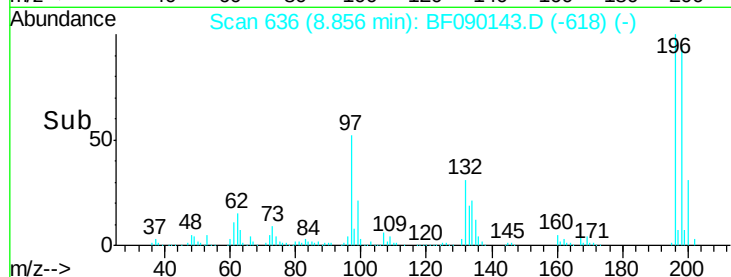
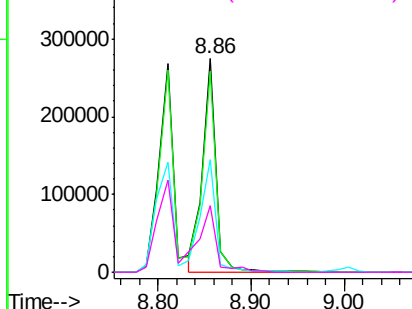
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278921		
198	94.2	76.6	114.8	
97	52.6	34.4	51.6	
132	31.0	22.2	33.2	

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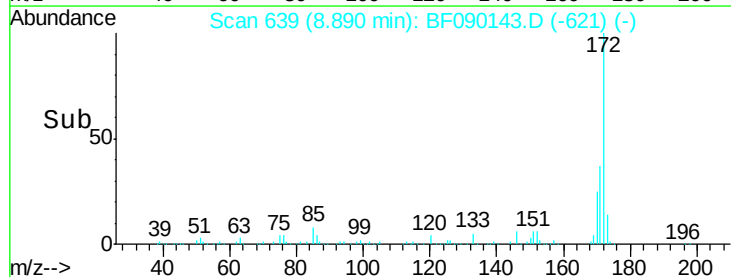
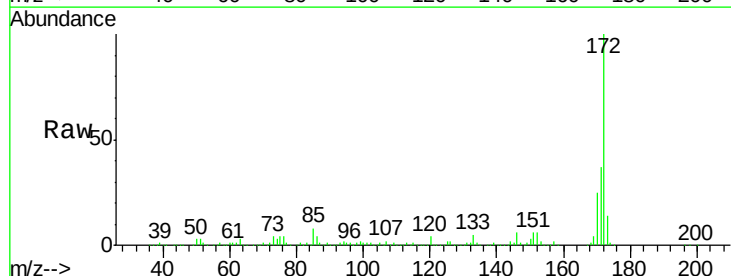
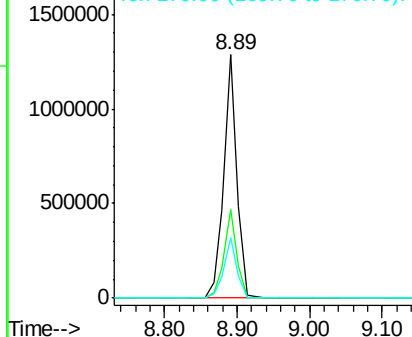
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

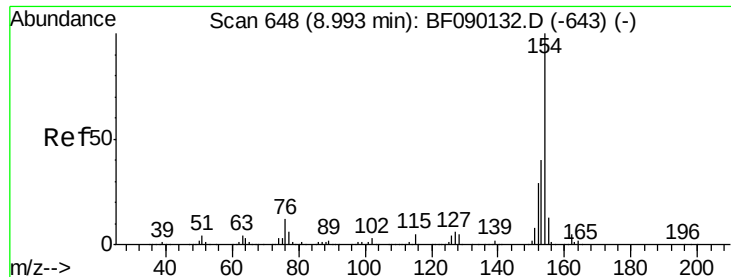


#44
 2-Fluorobiphenyl
 Concen: 86.60 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1622384		
171	36.7	29.2	43.8	
170	24.9	19.8	29.8	

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





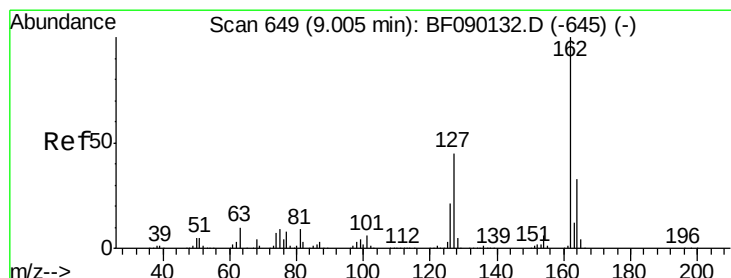
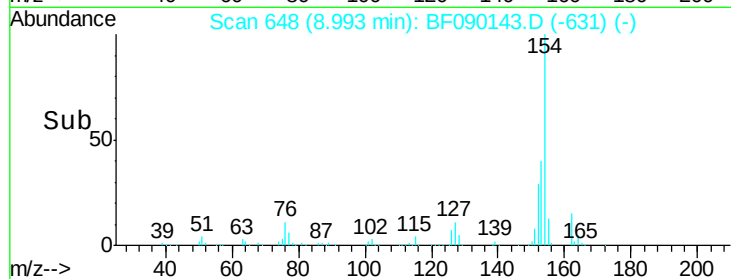
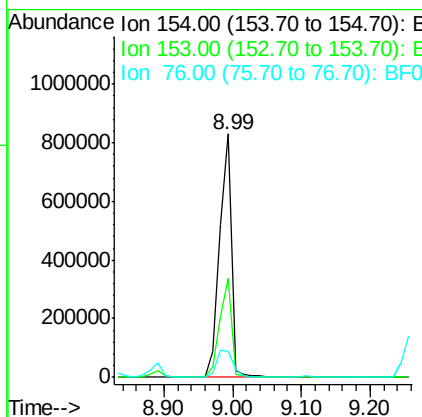
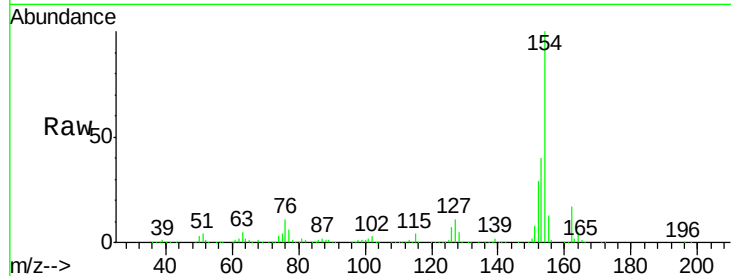
#45
 1,1'-Biphenyl
 Concen: 39.13 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	10.9	0.0	36.7

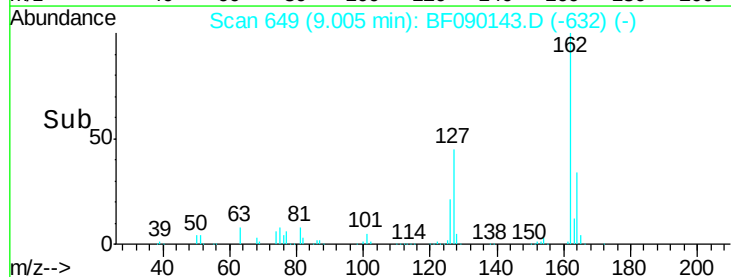
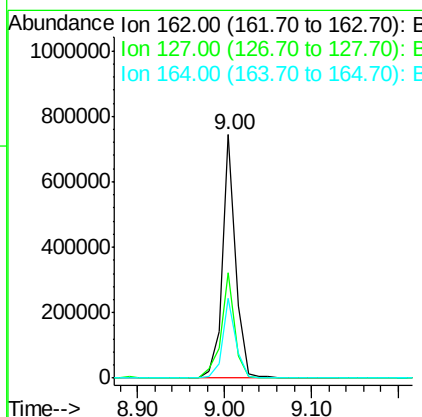
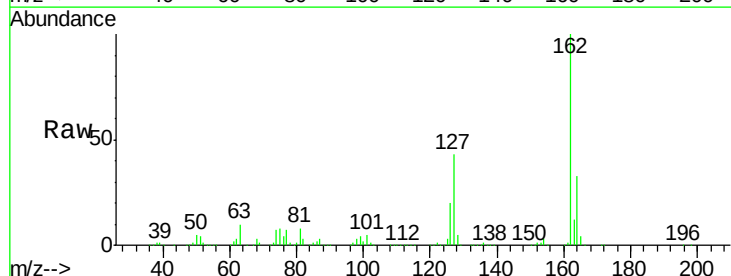
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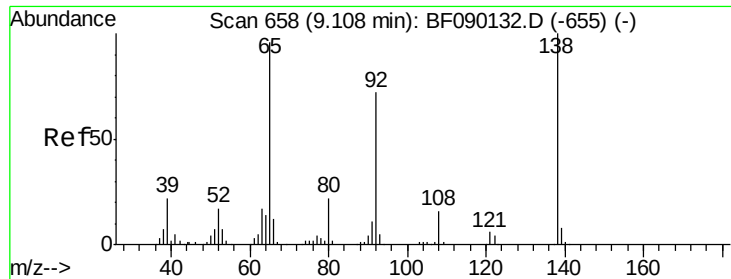
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#46
 2-Chloronaphthalene
 Concen: 40.85 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.0	51.0
164	33.0	26.8	40.2





#47

2-Nitroaniline

Concen: 43.58 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

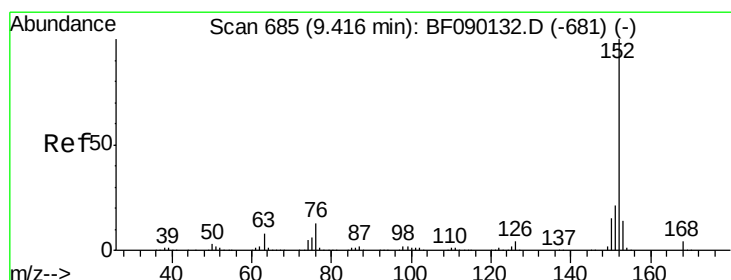
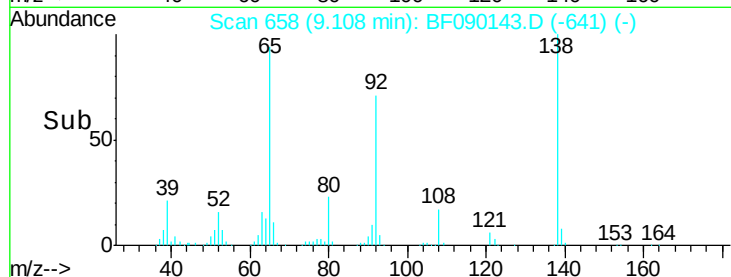
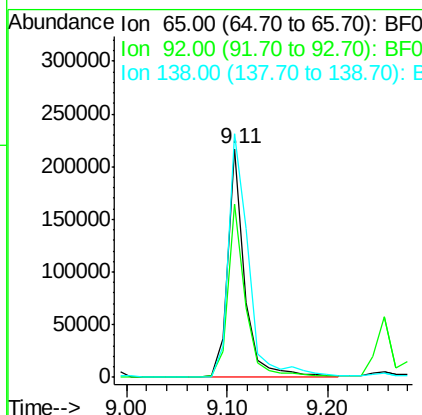
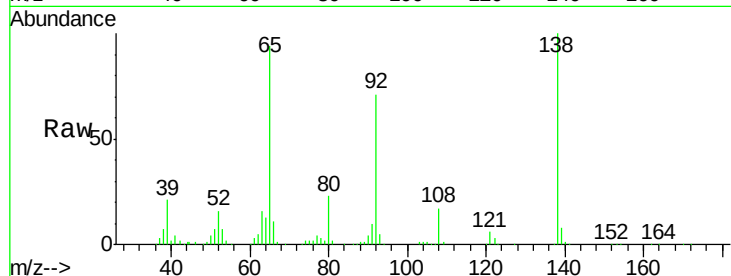
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:	65	Resp:	255066
Ion Ratio	Lower	Upper	
65	100		
92	75.6	66.1	99.1
138	106.5	104.1	156.1

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#48

Acenaphthylene

Concen: 38.54 ng

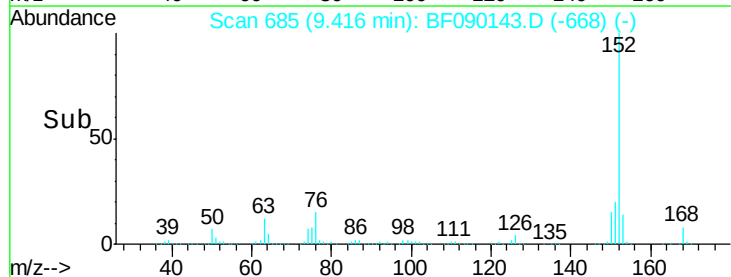
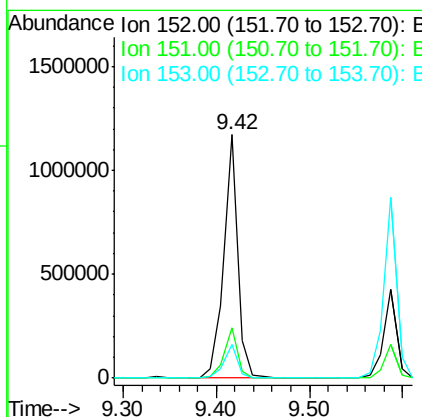
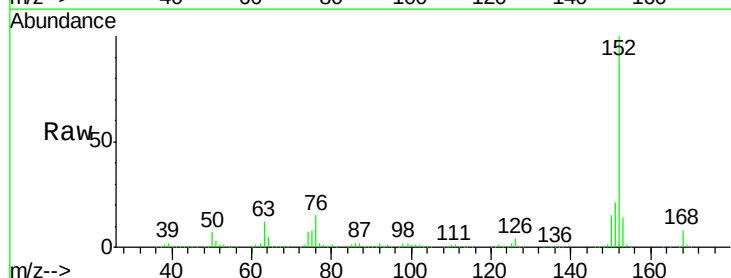
RT: 9.42 min Scan# 685

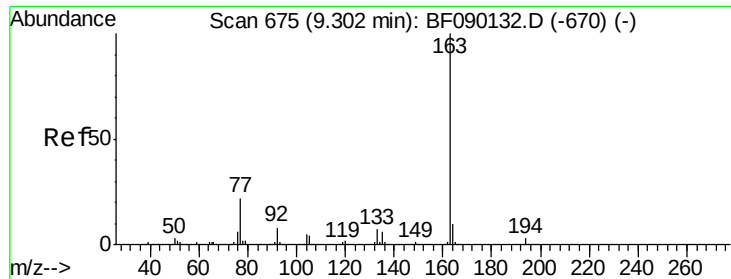
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	152	Resp:	1214991
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.5	24.7
153	13.7	10.6	15.8





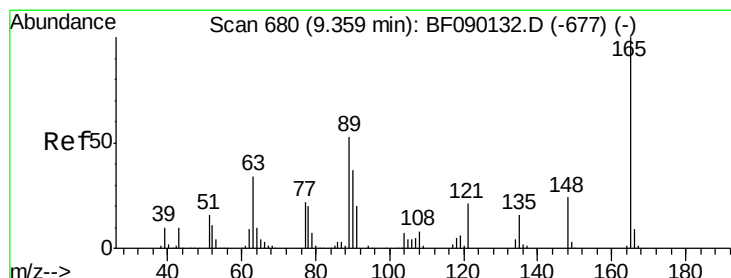
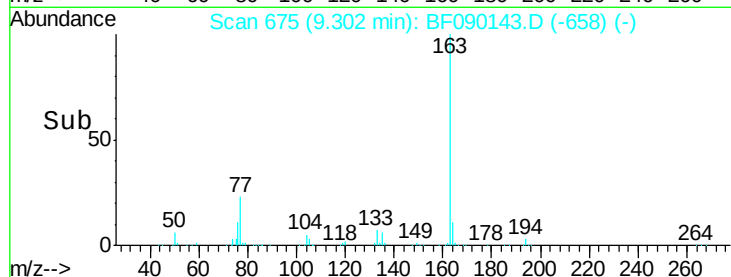
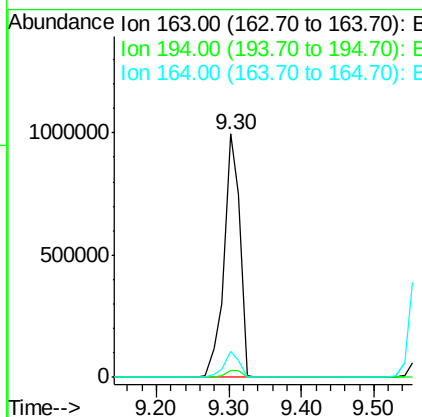
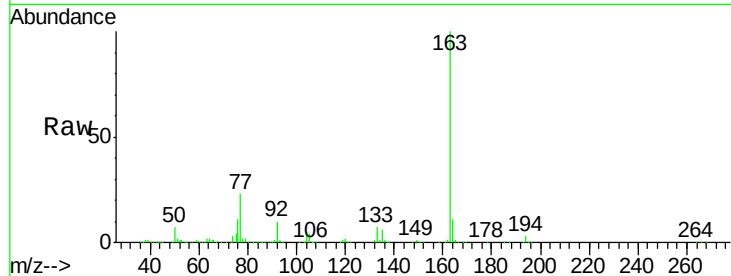
#49
Dimethylphthalate
Concen: 64.39 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion:163 Resp: 1508267
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.8 8.1 12.1

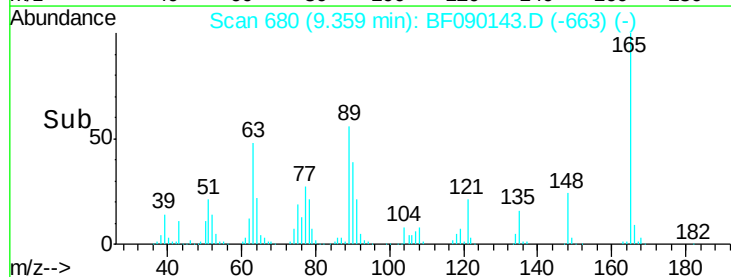
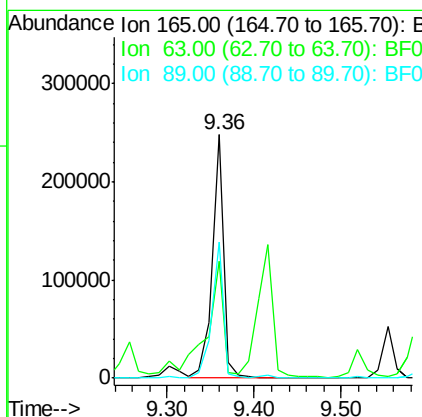
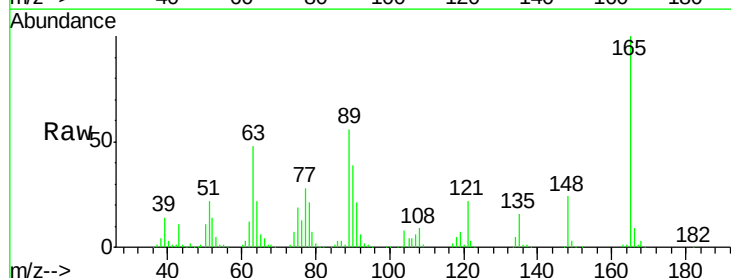
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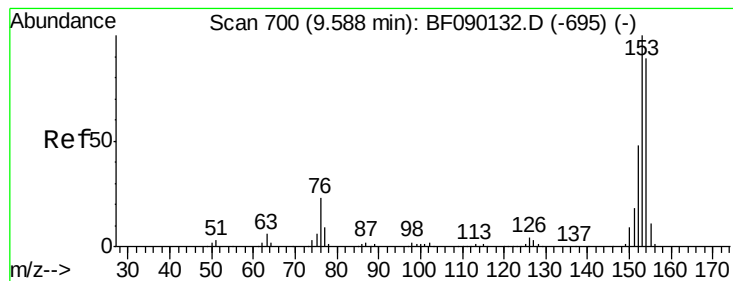
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#50
2,6-Dinitrotoluene
Concen: 44.28 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion:165 Resp: 231176
Ion Ratio Lower Upper
165 100
63 48.1 49.9 74.9#
89 55.7 51.0 76.4





#51

Acenaphthene

Concen: 43.85 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

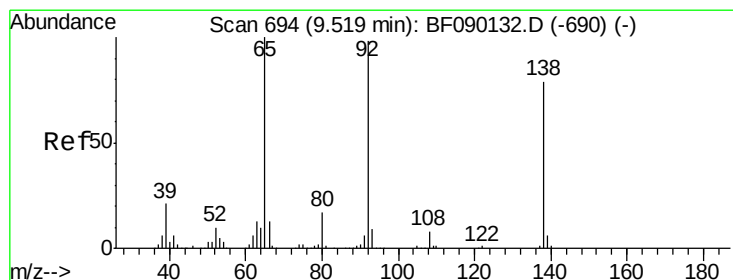
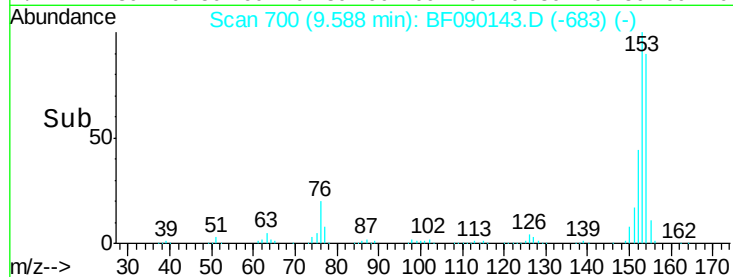
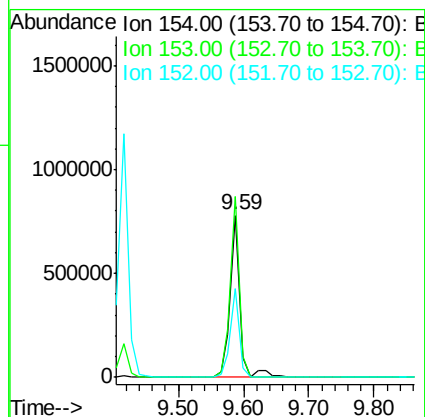
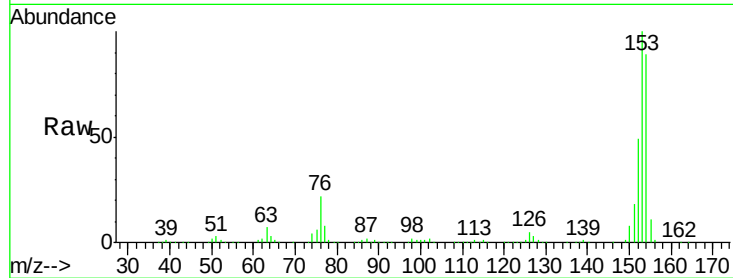
FK-BPM-01-A1MSD

Tgt Ion:	154	Resp:	820554
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.8	136.2
152	54.5	44.2	66.4

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#52

3-Nitroaniline

Concen: 34.68 ng

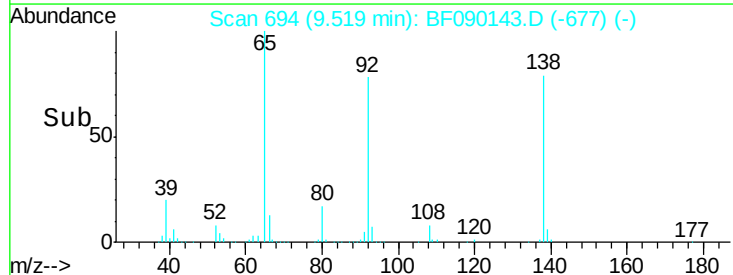
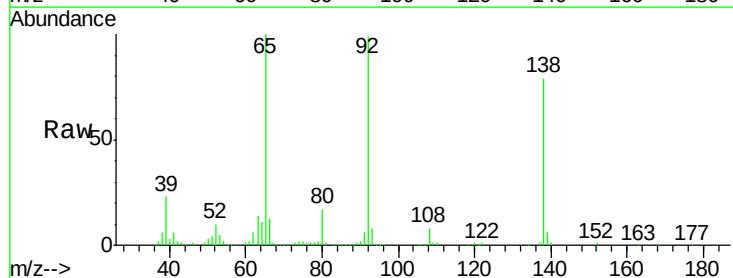
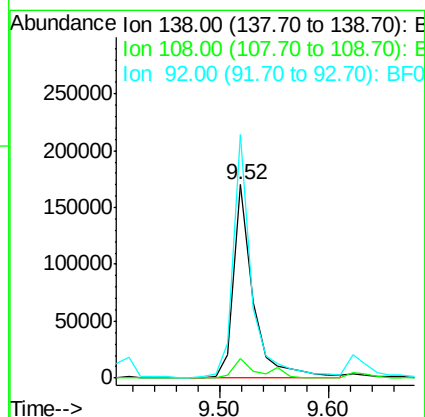
RT: 9.52 min Scan# 694

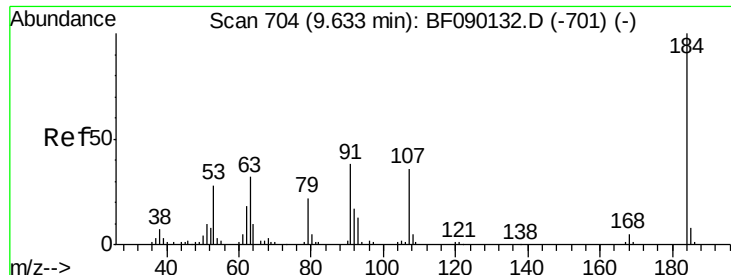
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	138	Resp:	212284
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.8	11.6
92	125.8	90.7	136.1





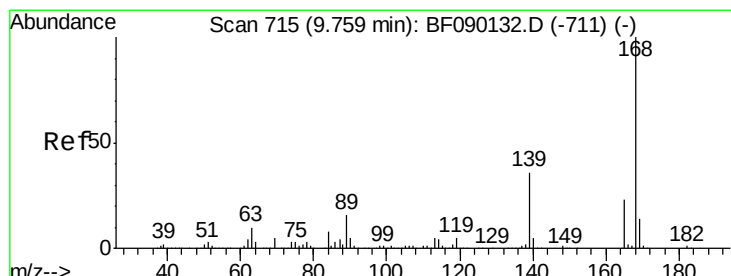
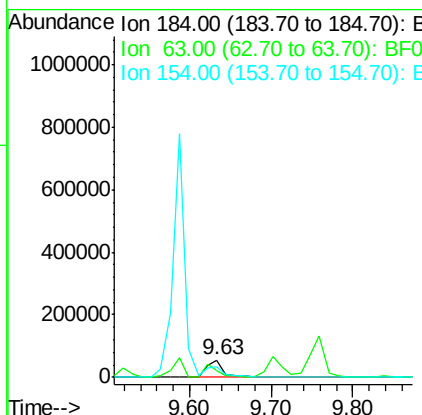
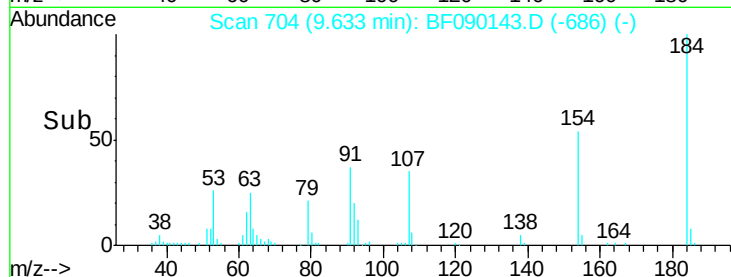
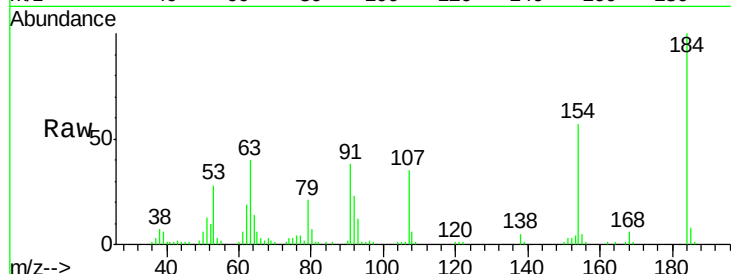
#53
 2,4-Dinitrophenol
 Concen: 32.73 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleID :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	89926		
63	40.4	44.6	67.0#	
154	57.1	49.7	74.5	

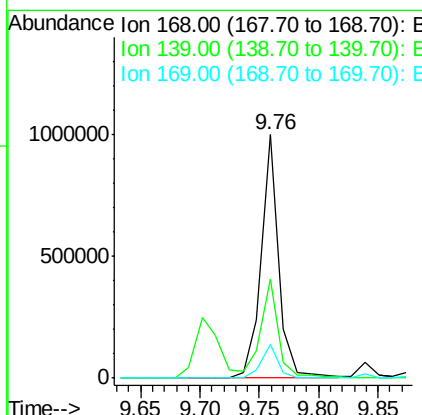
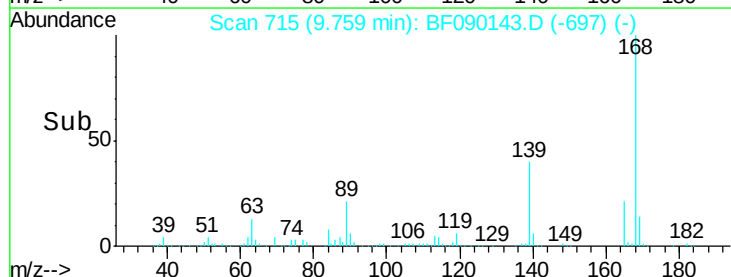
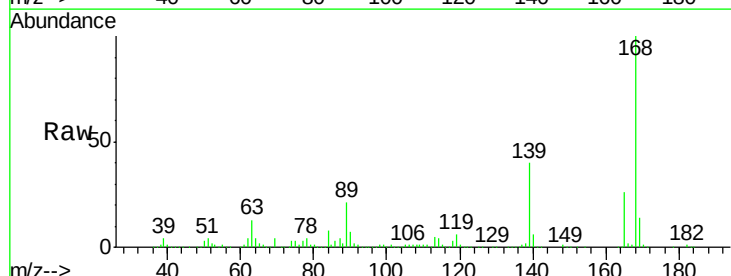
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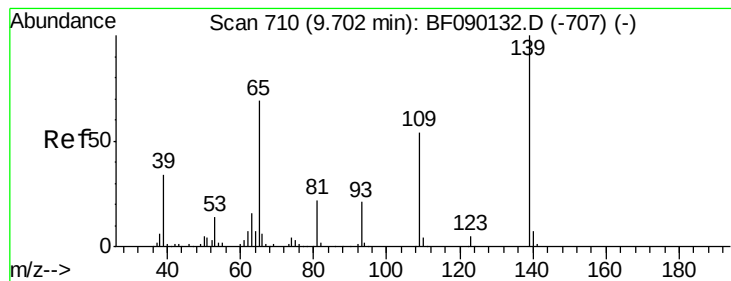
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#54
 Dibenzofuran
 Concen: 42.25 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1040350		
139	40.5	28.8	43.2	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 86.22 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

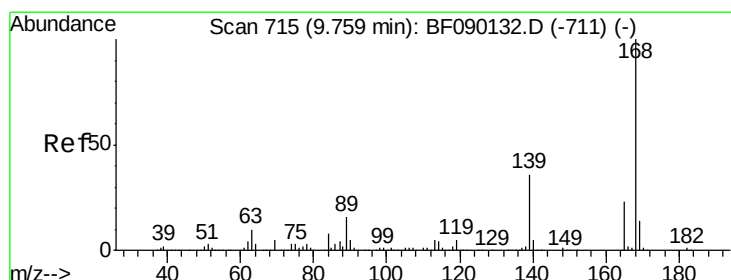
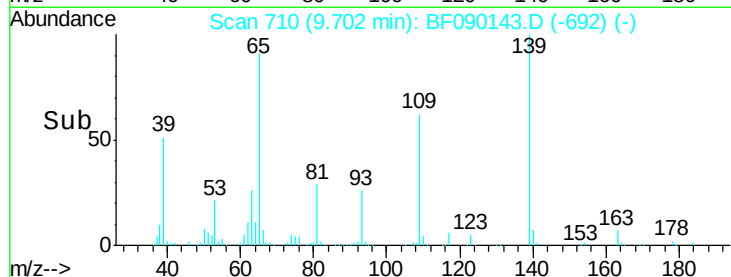
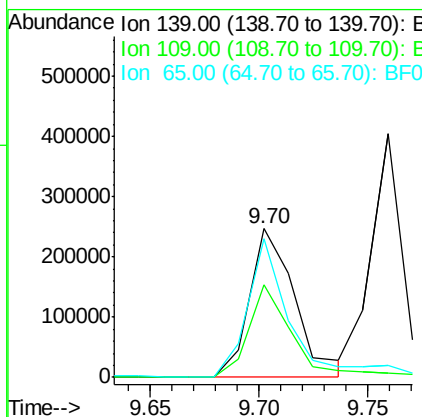
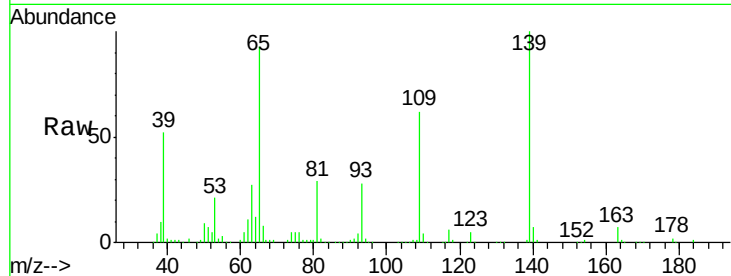
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:	139	Resp:	361538
Ion Ratio	Lower	Upper	
139	100		
109	61.9	35.6	75.6
65	93.5	55.5	95.5

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#56

2,4-Dinitrotoluene

Concen: 45.74 ng

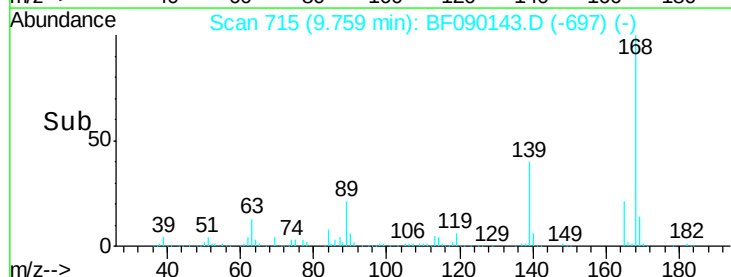
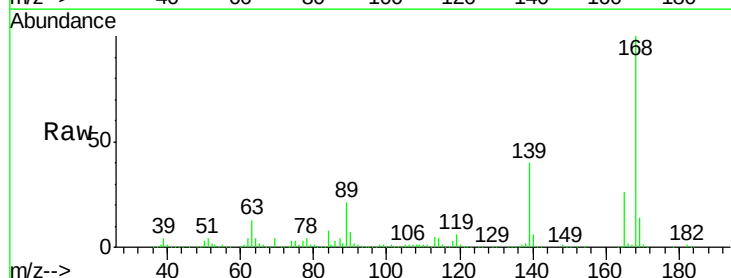
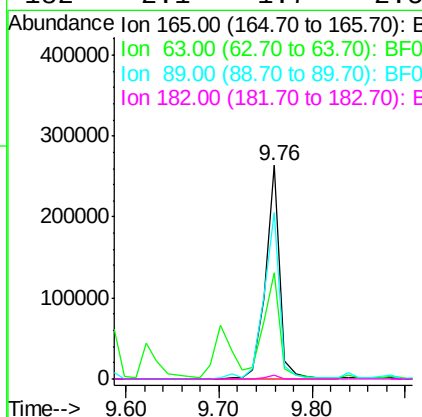
RT: 9.76 min Scan# 715

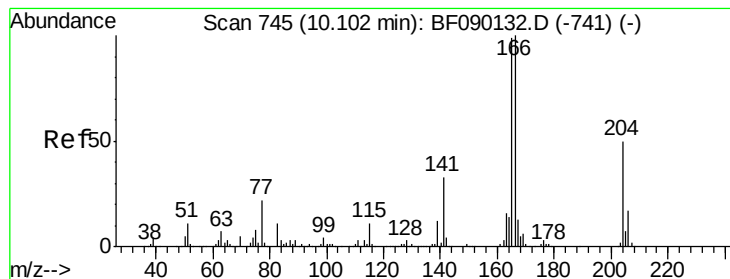
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	165	Resp:	282359
Ion Ratio	Lower	Upper	
165	100		
63	49.5	44.4	66.6
89	77.9	70.1	105.1
182	2.1	1.7	2.5





#57

Fluorene

Concen: 45.37 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:166 Resp: 841982
Ion Ratio Lower Upper

166 100

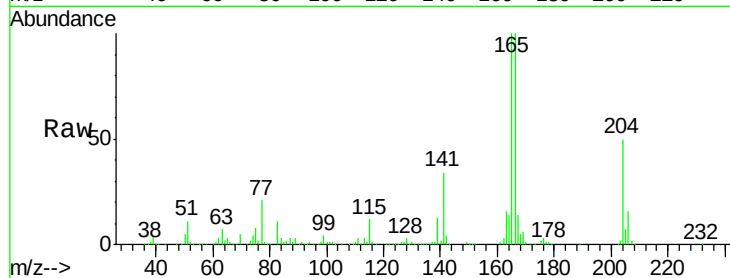
165 99.8 78.5 117.7

167 13.6 11.2 16.8

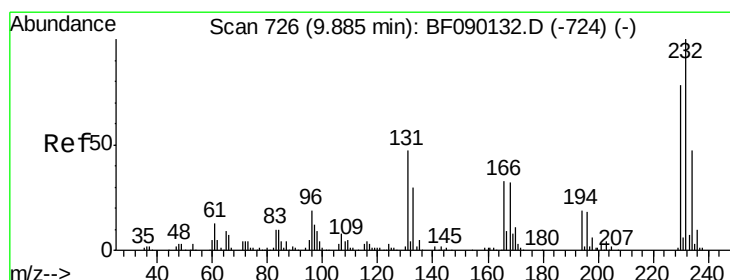
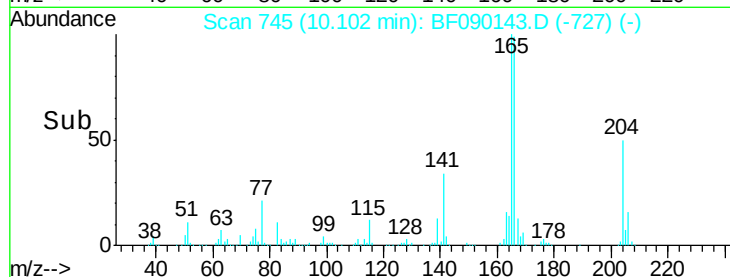
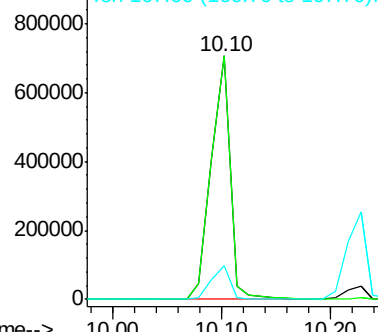
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.06 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:232 Resp: 219454
Ion Ratio Lower Upper

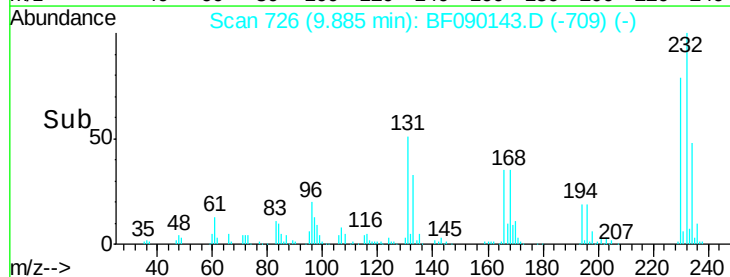
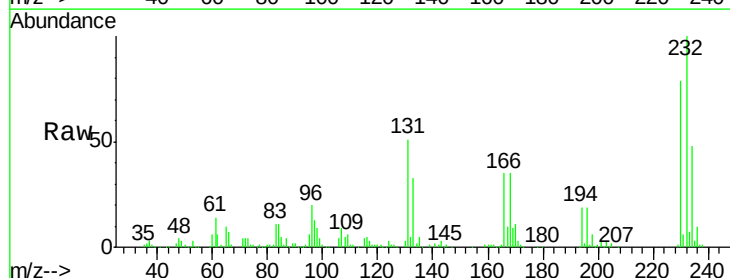
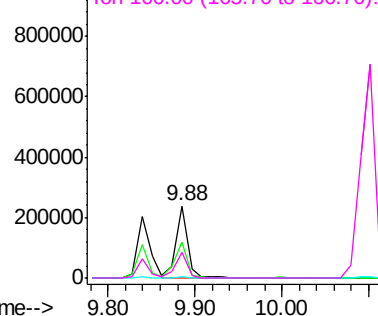
232 100

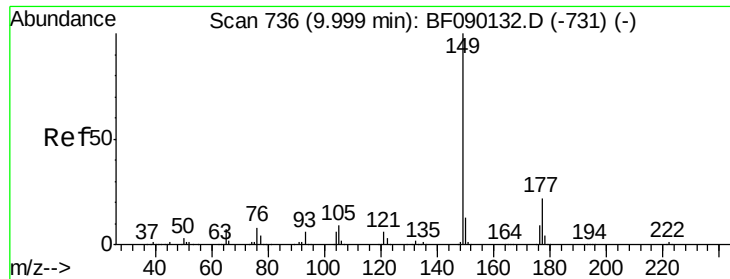
131 52.7 42.2 63.4

130 2.6 1.9 2.9

166 35.2 26.4 39.6

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





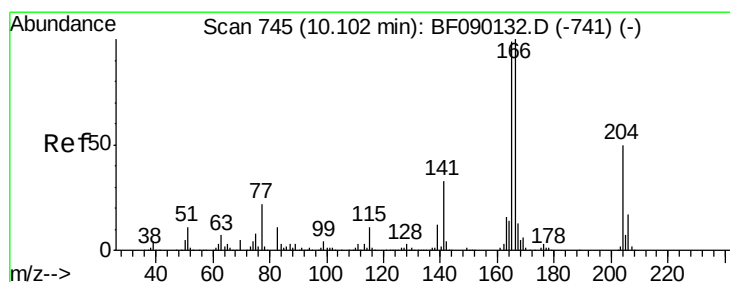
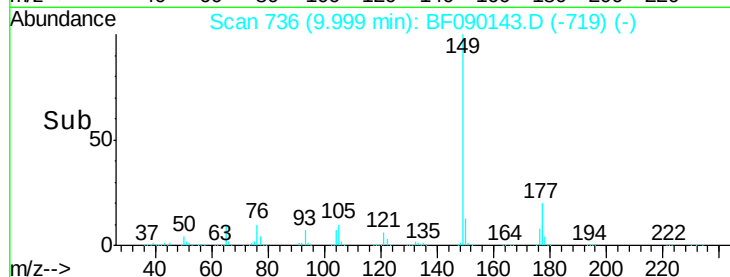
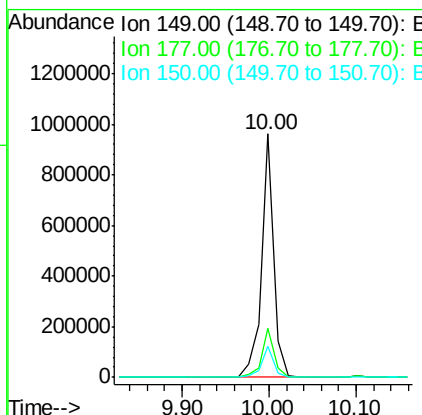
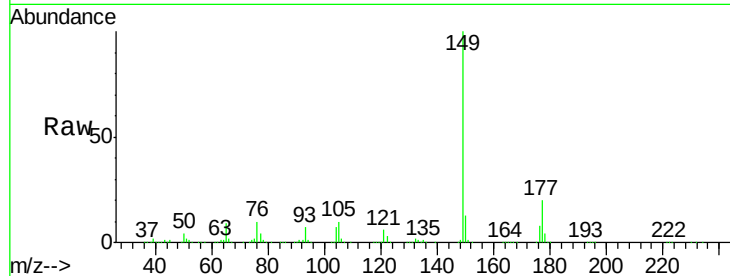
#59
Diethylphthalate
Concen: 41.88 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	15.8	23.6
150	13.0	10.4	15.6

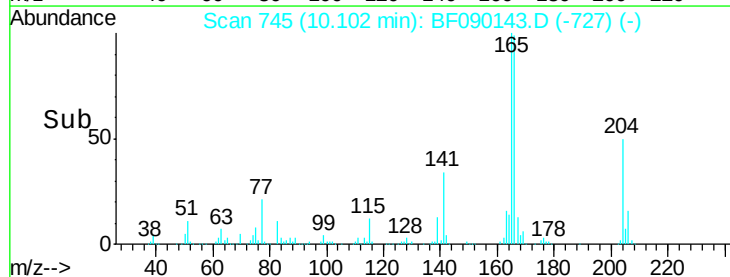
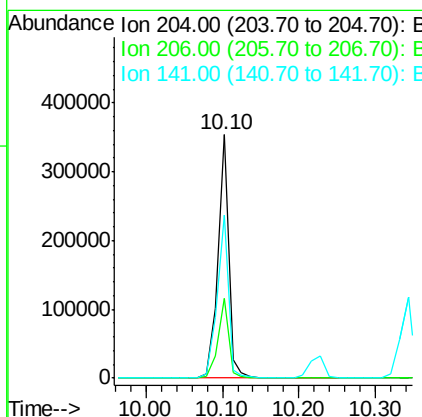
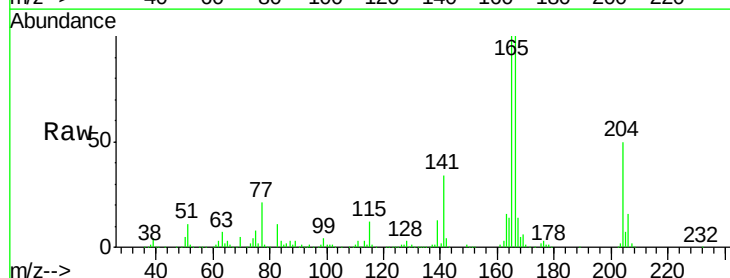
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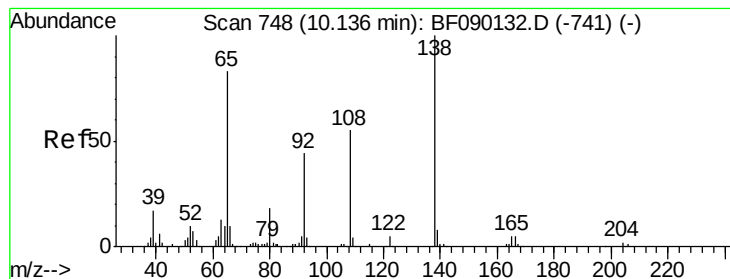
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#60
4-Chlorophenyl-phenylether
Concen: 40.81 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	67.2	64.4	96.6





#61

4-Nitroaniline

Concen: 44.30 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion: 138 Resp: 276388

Ion Ratio Lower Upper

138 100

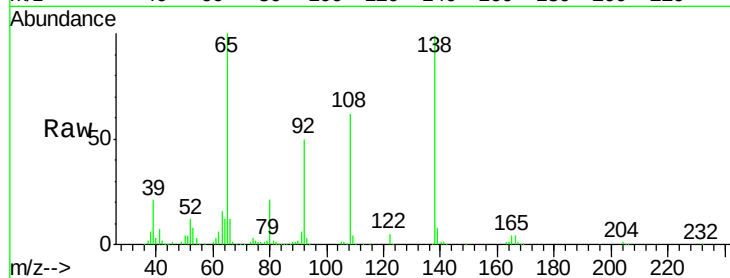
92 50.0 23.8 63.8

108 62.1 35.0 75.0

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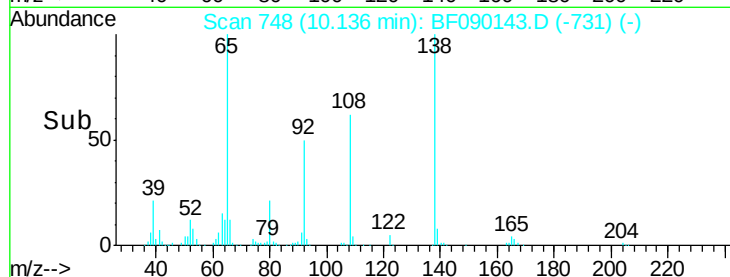


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



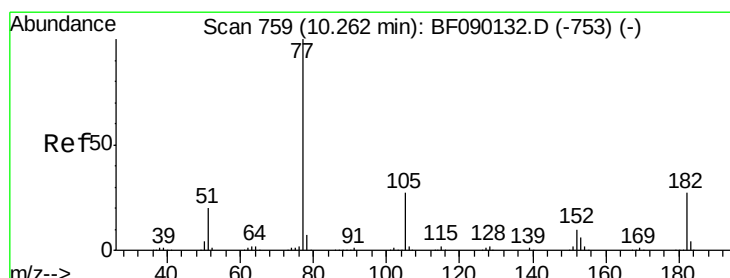
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



#62

Azobenzene

Concen: 50.01 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion: 77 Resp: 1177734

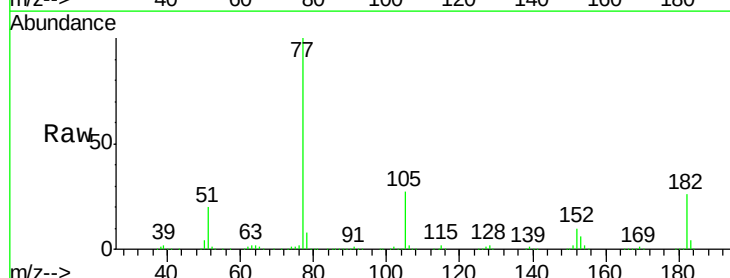
Ion Ratio Lower Upper

77 100

182 26.3 0.0 38.4

105 26.8 3.8 43.8

51 20.1 2.6 42.6



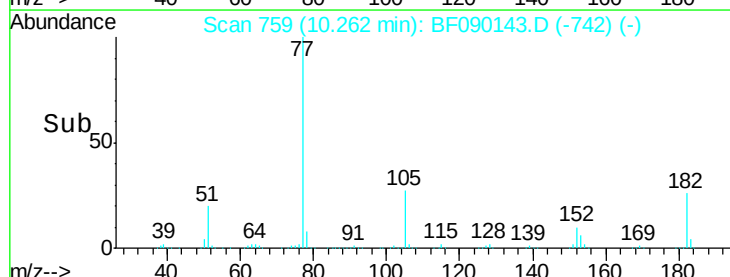
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



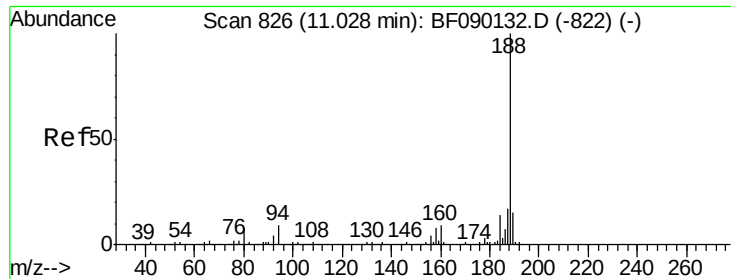
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Time-->



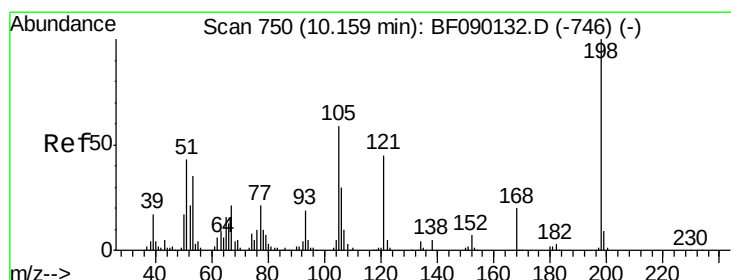
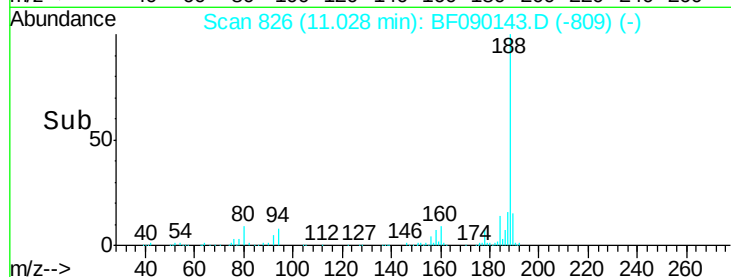
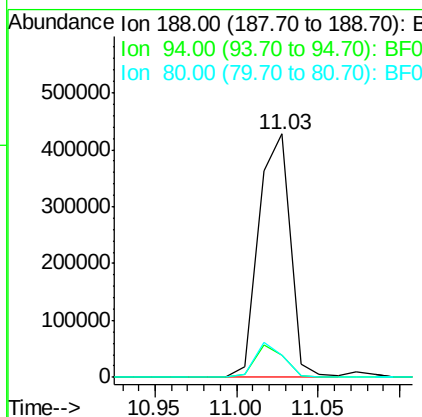
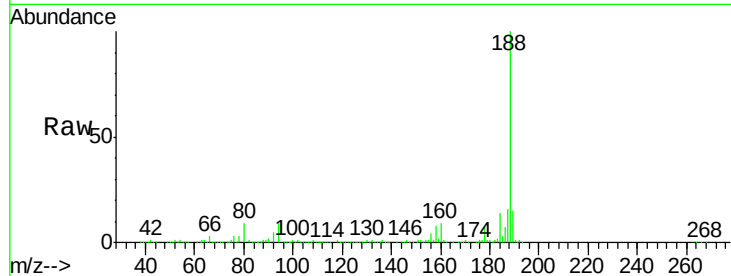
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	10.5	15.7#
80	9.3	11.2	16.8#

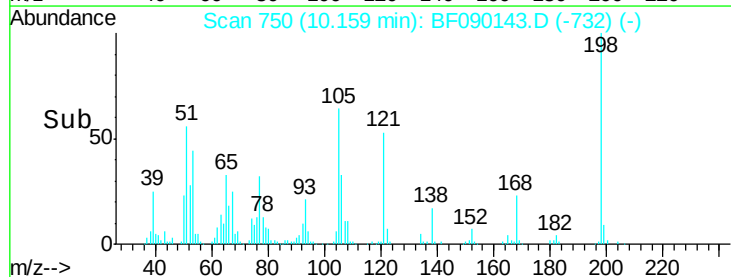
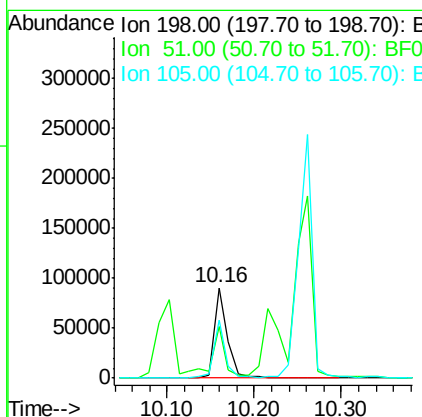
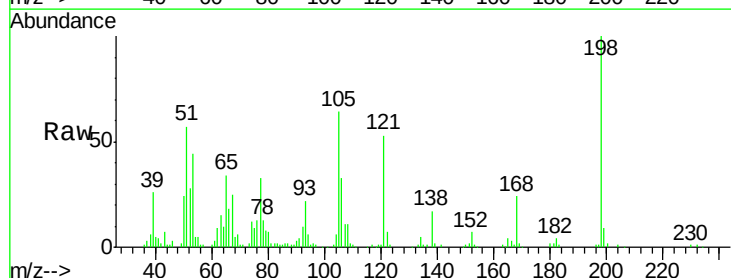
Manual Integrations
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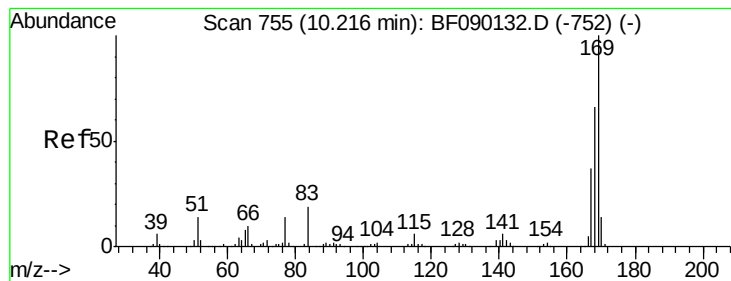
sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.47 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	56.8	5.5	45.5#
105	64.5	21.8	61.8#





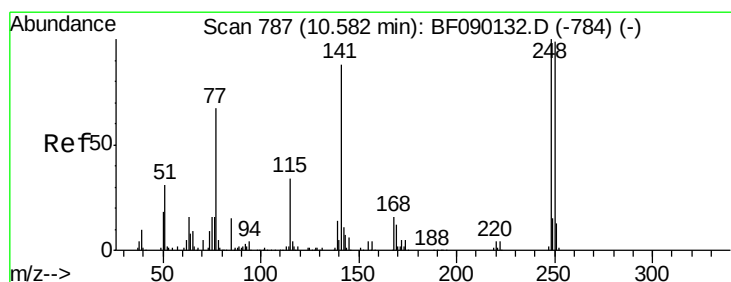
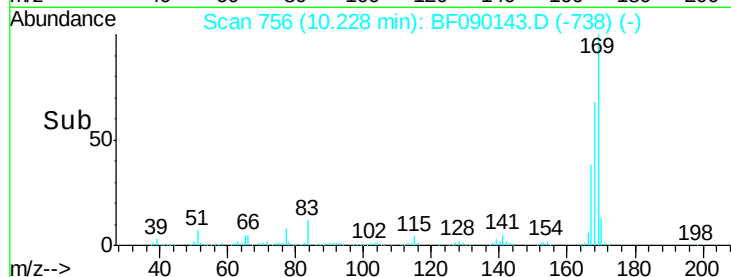
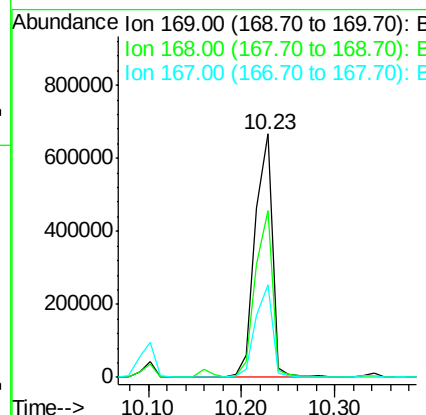
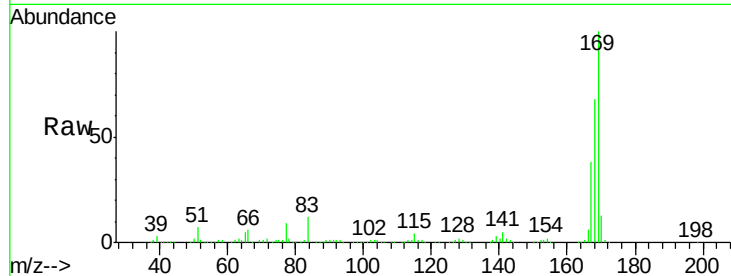
#65
n-Nitrosodiphenylamine
Concen: 45.30 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	861149		
168	68.3	54.2	81.4	
167	38.2	30.3	45.5	

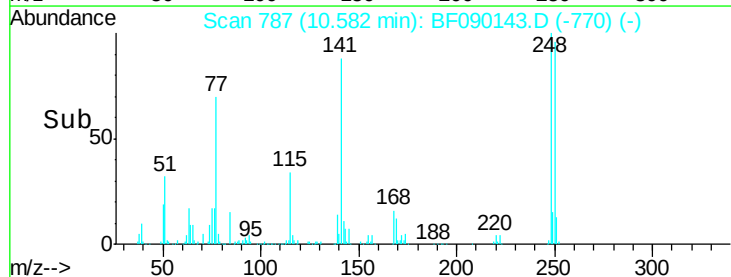
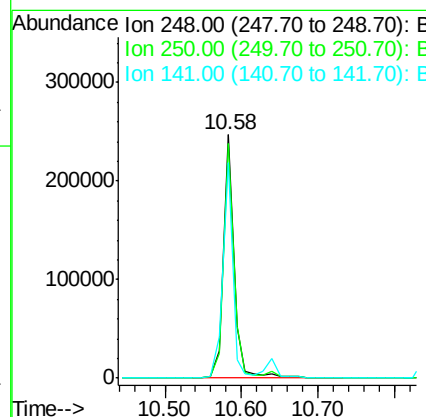
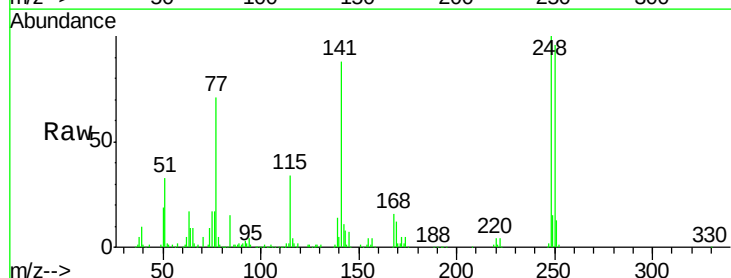
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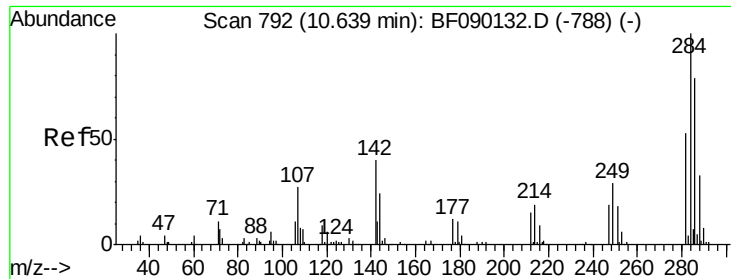
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#66
4-Bromophenyl-phenylether
Concen: 42.63 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242501		
250	96.2	79.4	119.2	
141	88.5	49.3	73.9	





#67

Hexachlorobenzene

Concen: 39.11 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

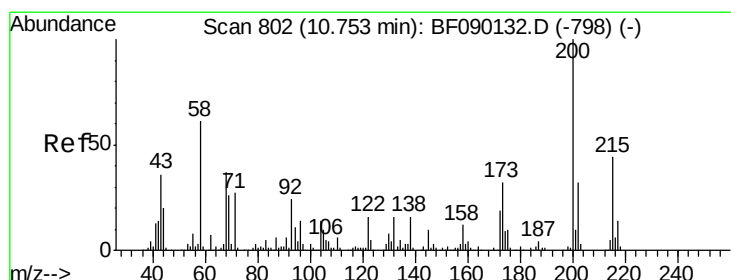
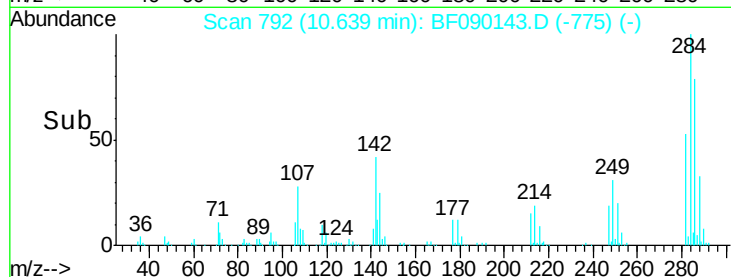
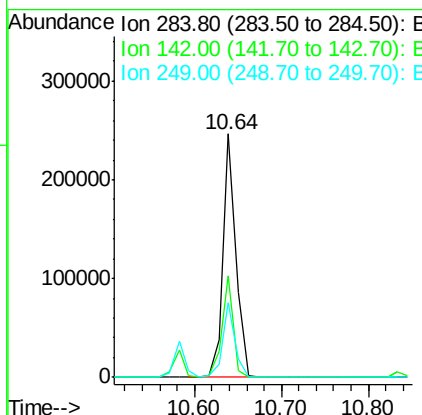
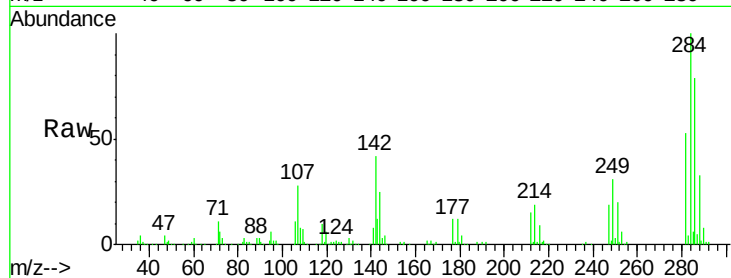
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:	284	Resp:	259331
Ion Ratio	Lower	Upper	
284	100		
142	41.8	24.0	36.0#
249	30.7	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 43.40 ng

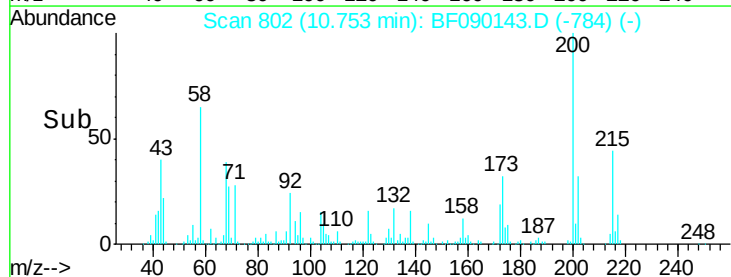
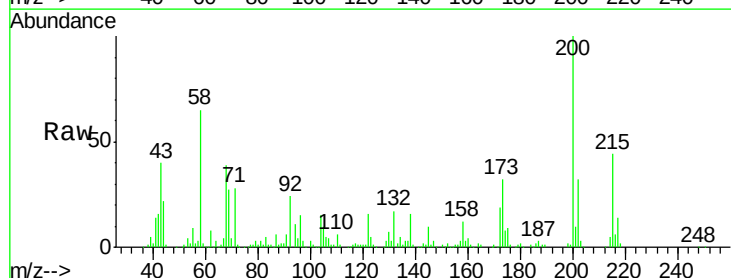
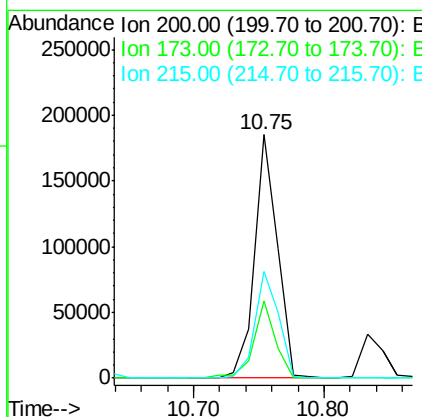
RT: 10.75 min Scan# 802

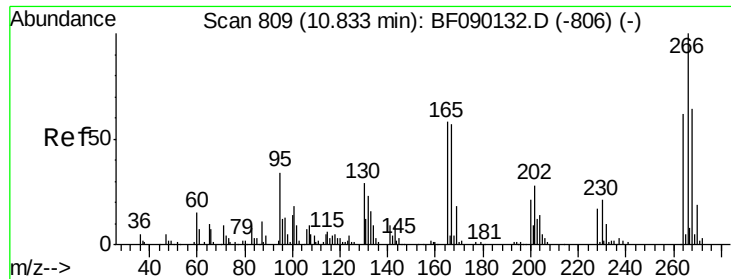
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	200	Resp:	226095
Ion Ratio	Lower	Upper	
200	100		
173	31.9	9.3	49.3
215	44.0	26.1	66.1





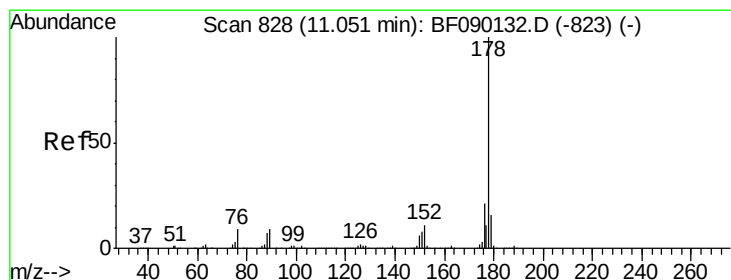
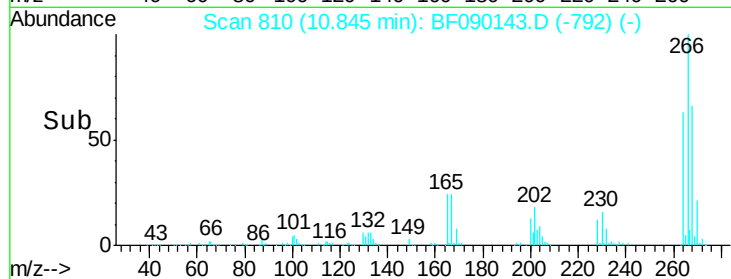
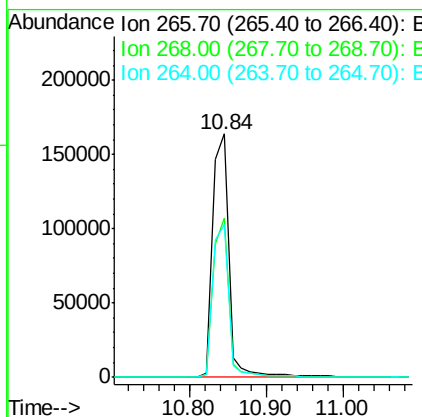
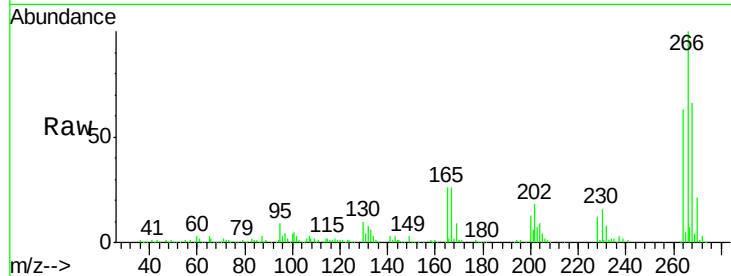
#69
 Pentachlorophenol
 Concen: 64.04 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.1	78.1
264	62.6	50.3	75.5

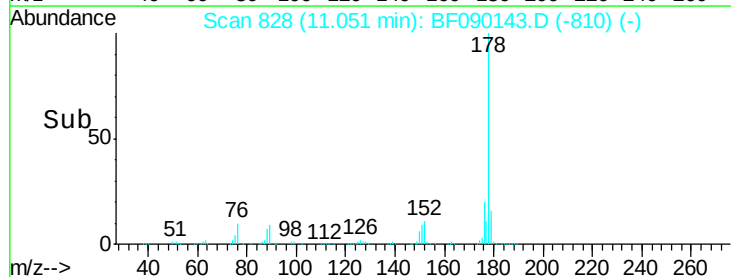
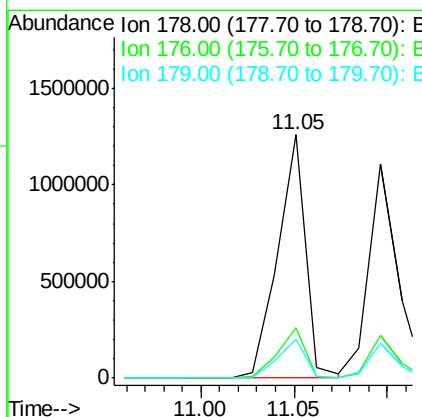
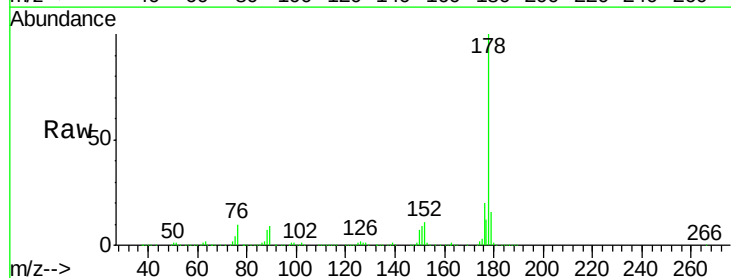
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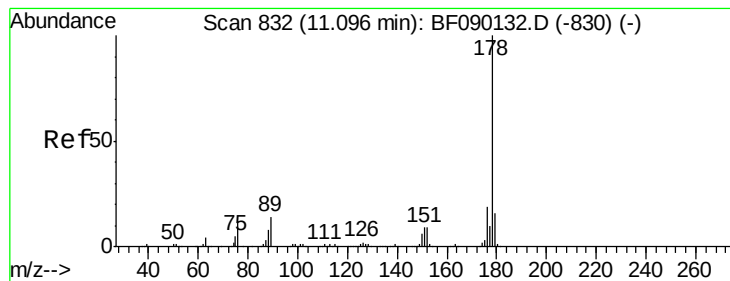
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#70
 Phenanthrene
 Concen: 48.36 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	15.9	12.9	19.3





#71

Anthracene

Concen: 42.39 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:178 Resp: 1202165

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

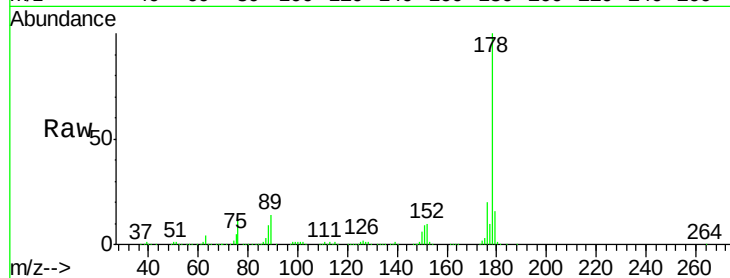
179 16.1 12.6 19.0

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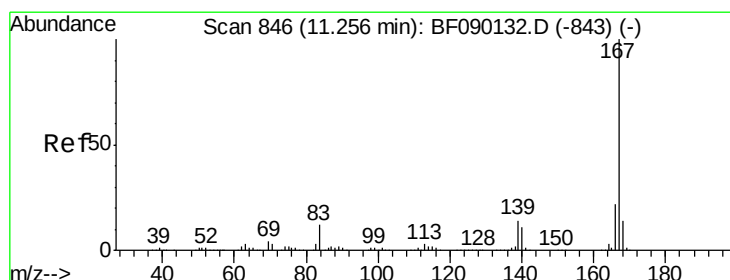
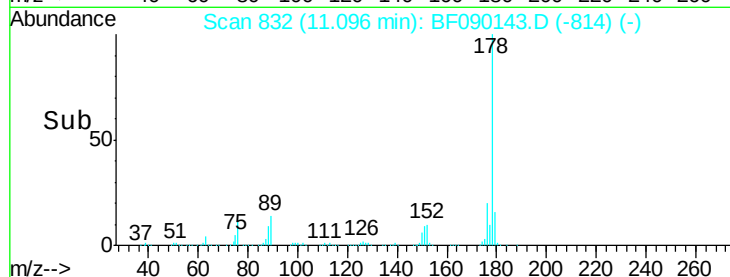
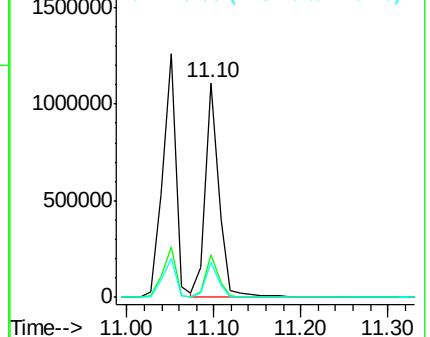
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.70 ng

RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

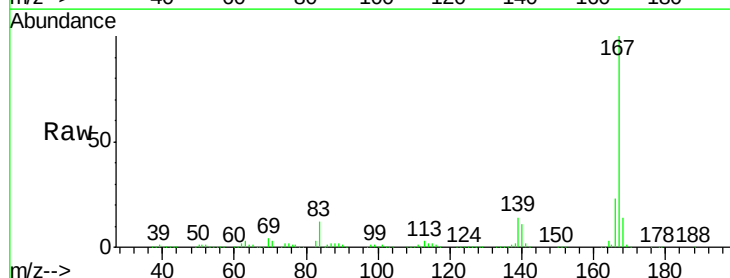
Tgt Ion:167 Resp: 1220010

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

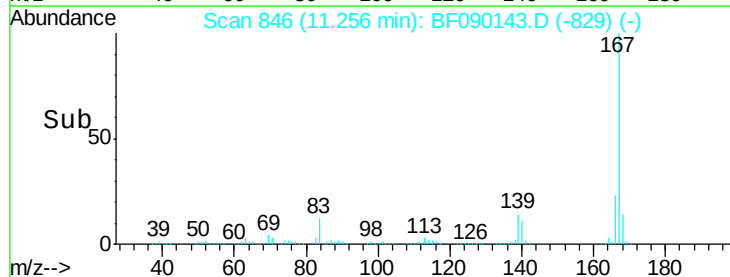
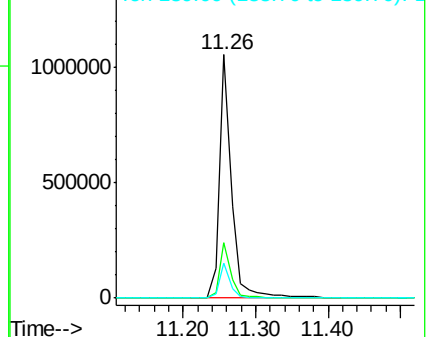
139 14.2 10.4 15.6

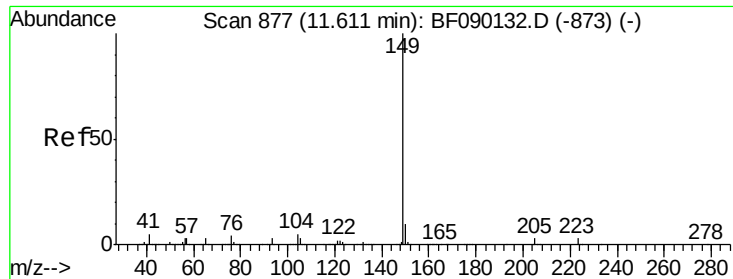


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.72 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:149 Resp: 1558848

Ion Ratio Lower Upper

149 100

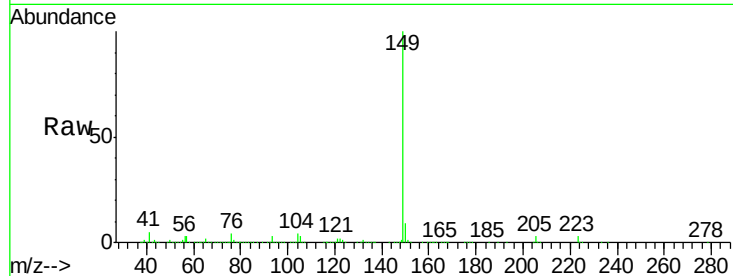
150 9.4 7.8 11.8

104 4.5 3.9 5.9

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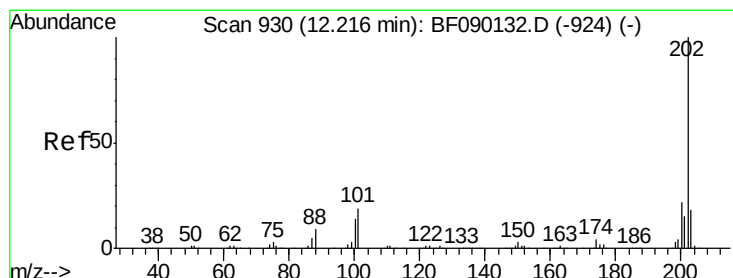
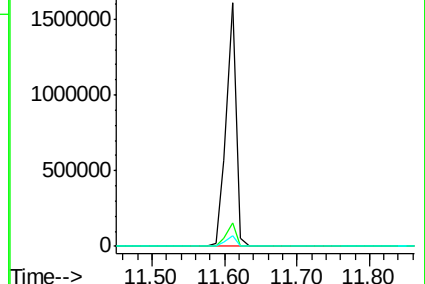
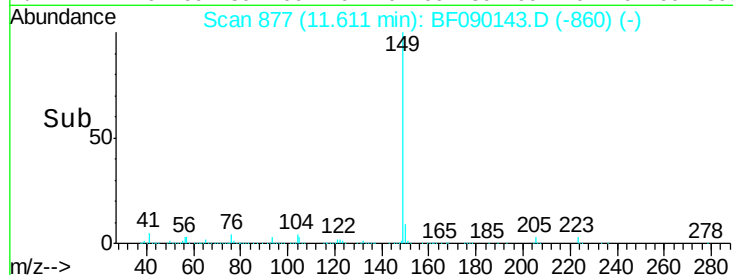
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.71 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

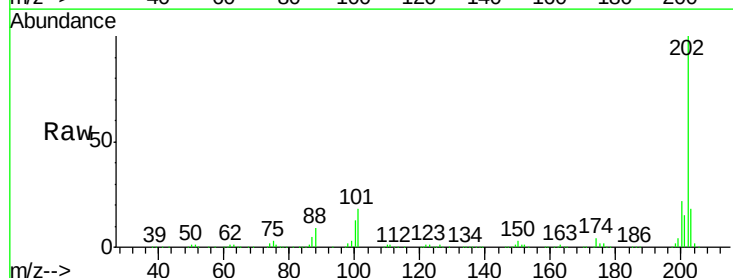
Tgt Ion:202 Resp: 1268405

Ion Ratio Lower Upper

202 100

101 18.0 0.0 36.1

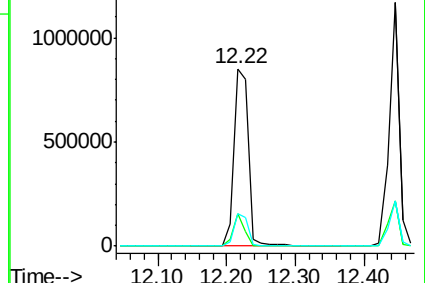
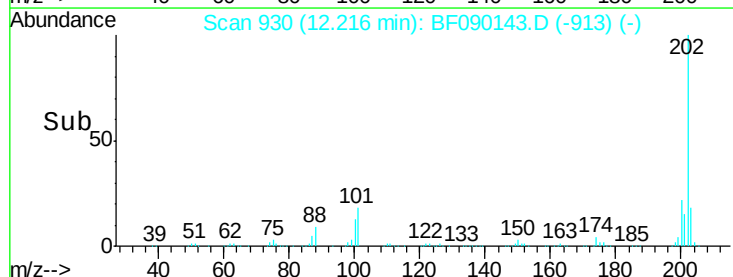
203 18.4 0.0 38.2

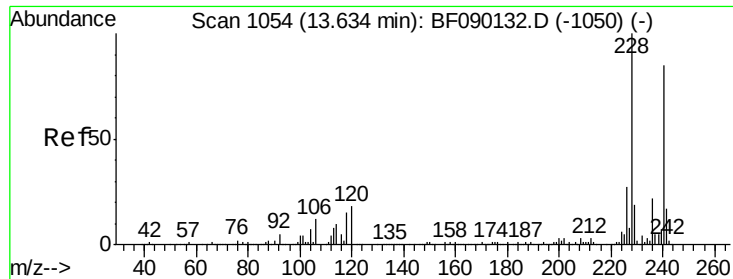


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

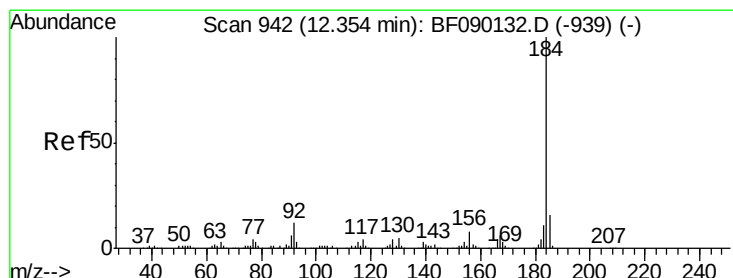
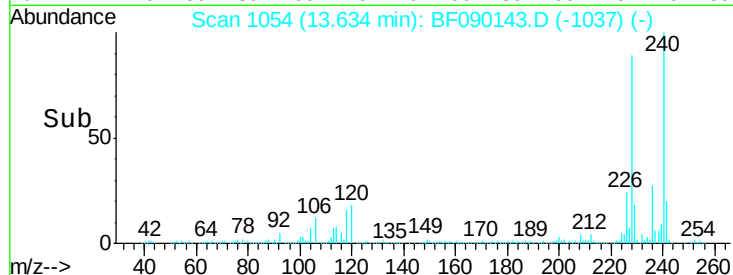
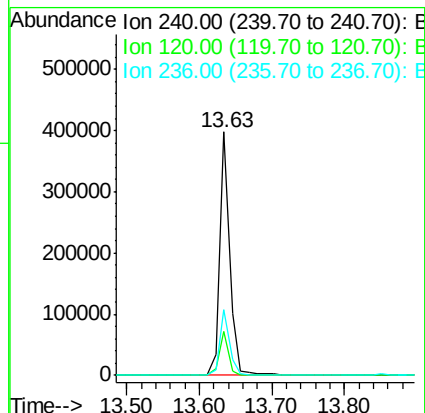
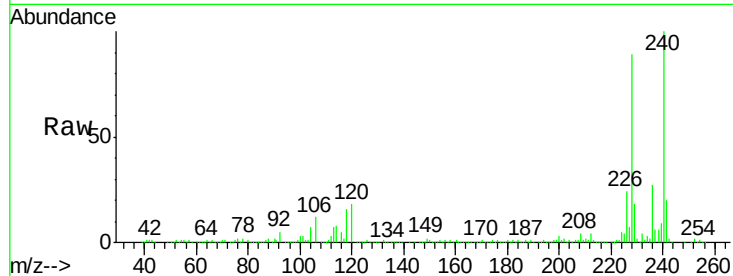
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	384862		
120	18.1	10.6	16.0	
236	26.8	21.6	32.4	

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#76

Benzidine

Concen: 50.66 ng

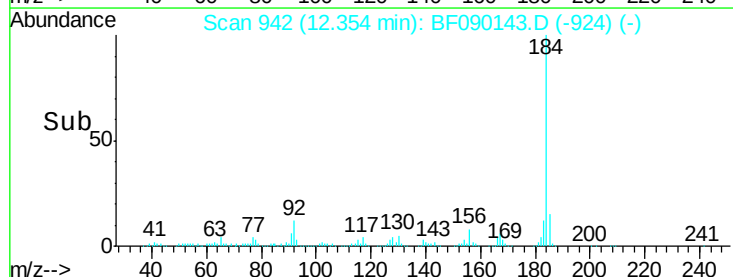
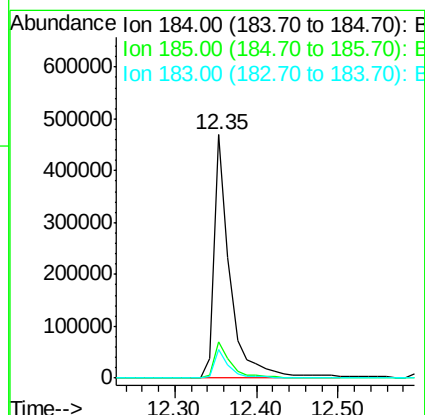
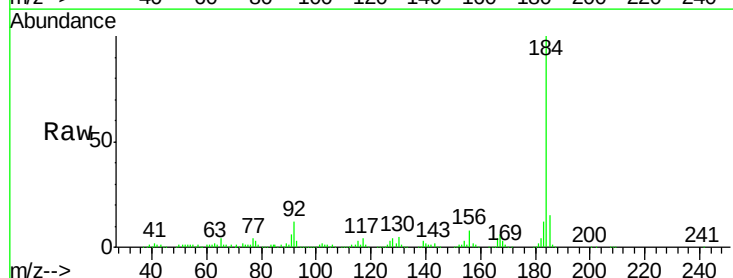
RT: 12.35 min Scan# 942

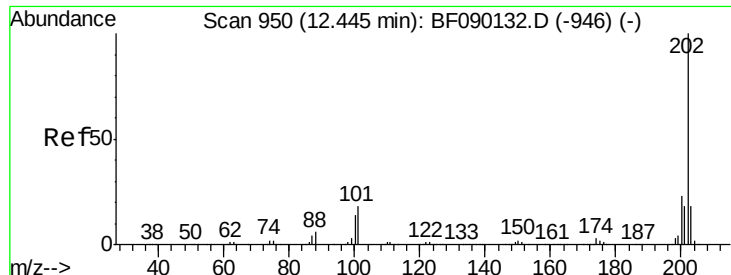
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	652616		
185	15.0	13.2	19.8	
183	11.6	9.2	13.8	





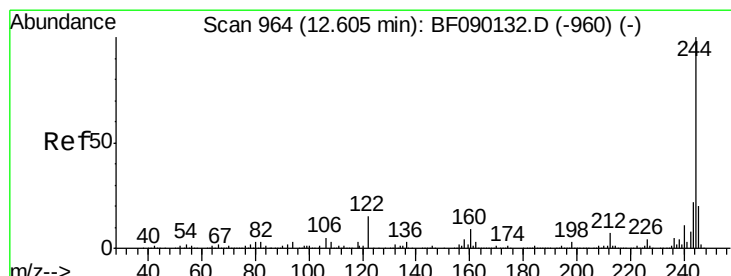
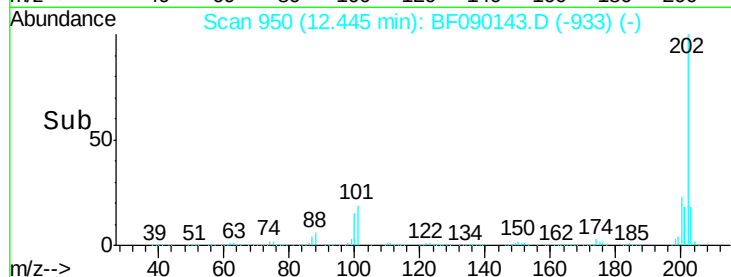
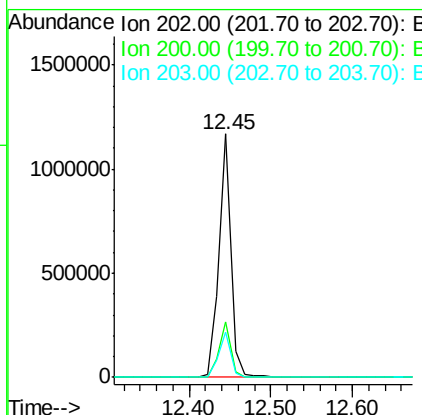
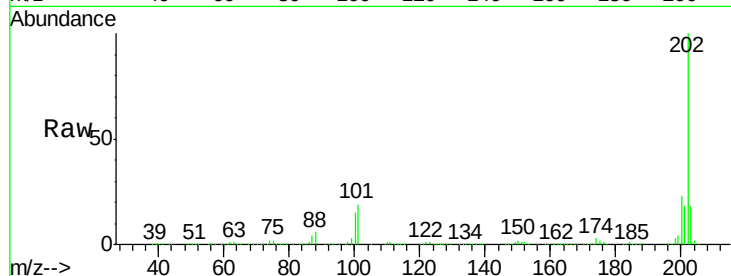
#77
Pyrene
 Concen: 45.22 ng
 RT: 12.45 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.9	26.9
203	18.4	14.2	21.4

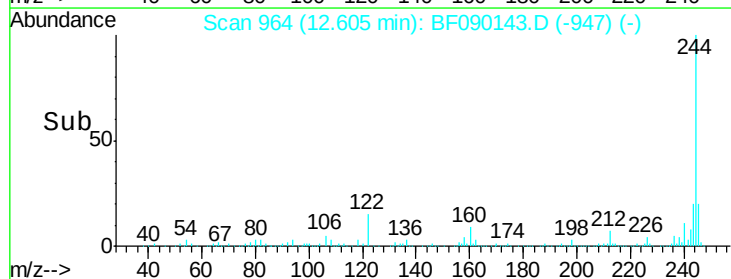
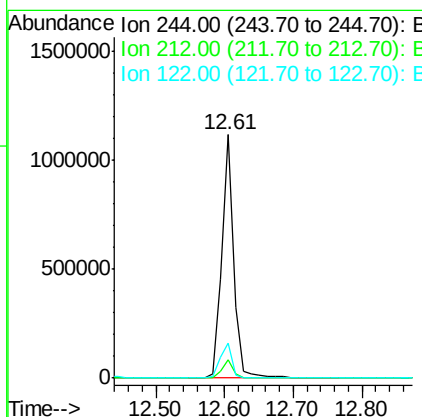
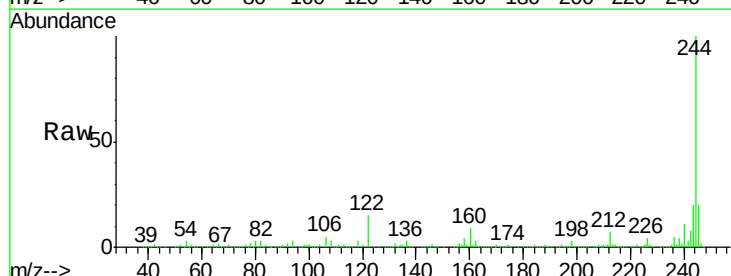
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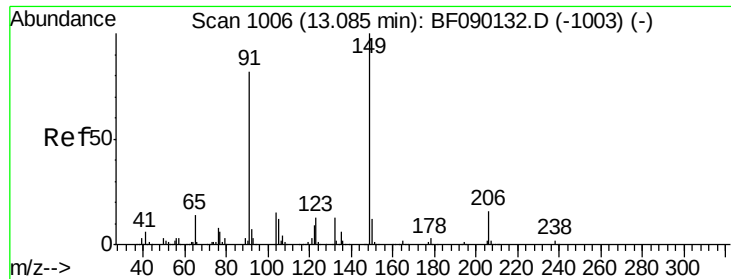
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#78
Terphenyl-d14
 Concen: 91.18 ng
 RT: 12.61 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.6	9.4	14.0#





#79

Butylbenzylphthalate

Concen: 45.97 ng

RT: 13.09 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

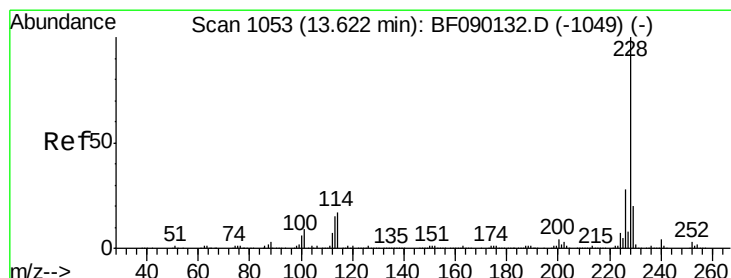
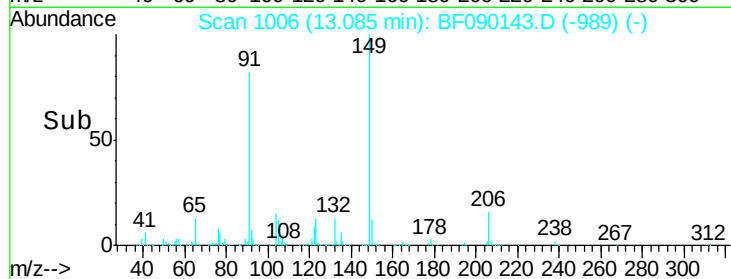
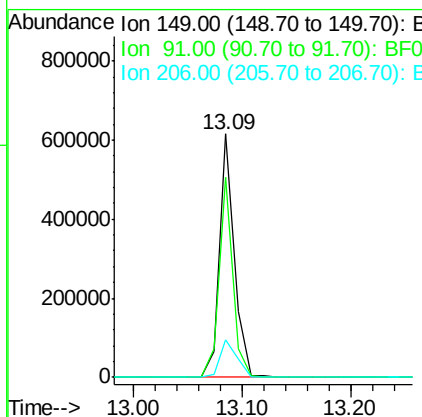
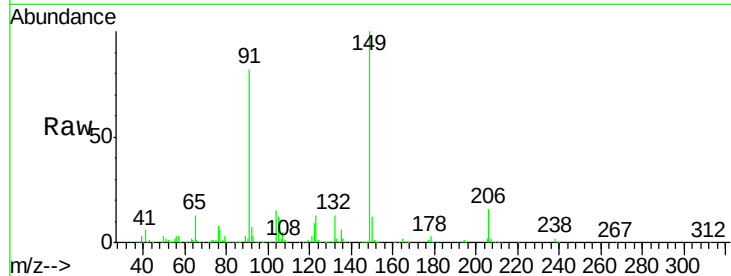
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:	149	Resp:	592249
Ion Ratio	Lower	Upper	
149	100		
91	82.0	49.8	74.6#
206	15.6	16.3	24.5#

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#80

Benzo(a)anthracene

Concen: 46.65 ng

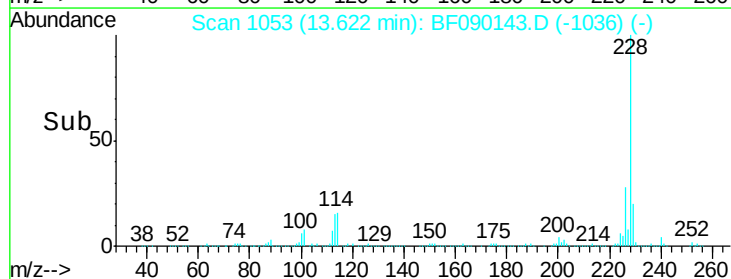
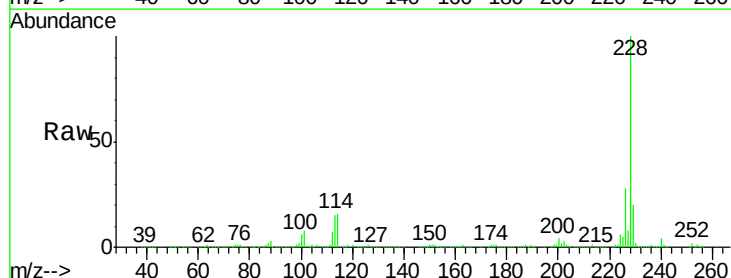
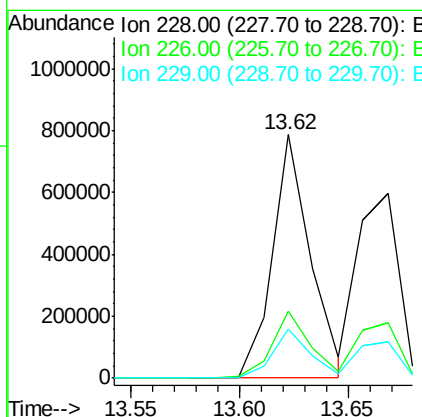
RT: 13.62 min Scan# 1053

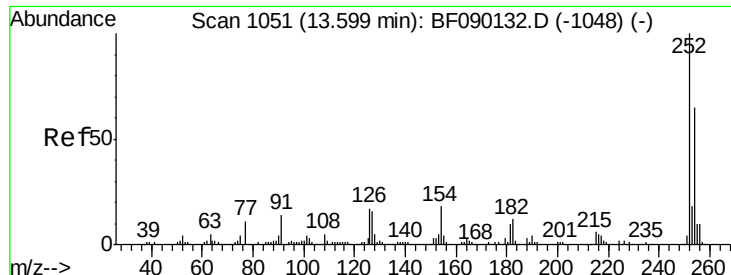
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	228	Resp:	965855
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.0	33.0
229	20.2	16.2	24.2





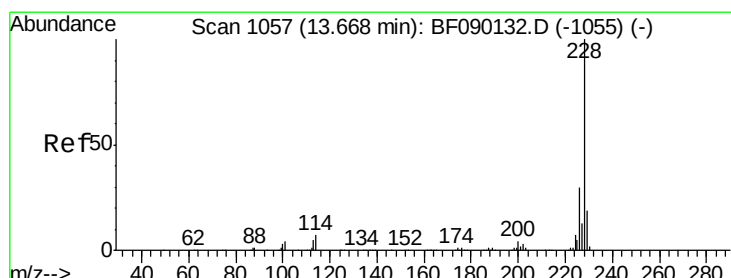
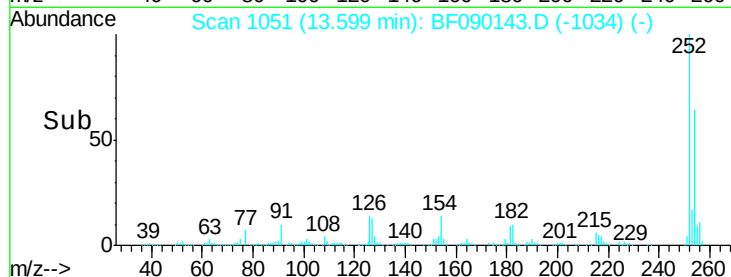
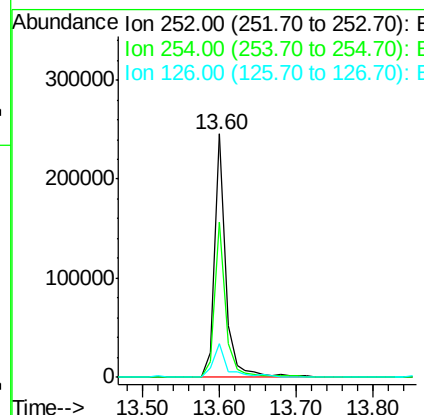
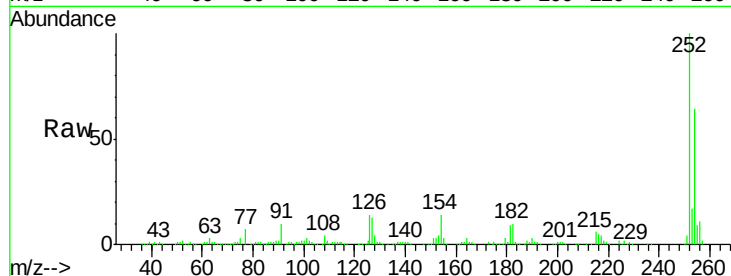
#81
 3,3'-Dichlorobenzidine
 Concen: 29.12 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	50.7	76.1
126	13.6	9.2	13.8

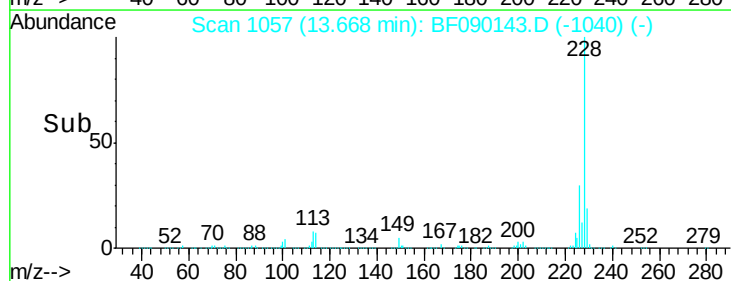
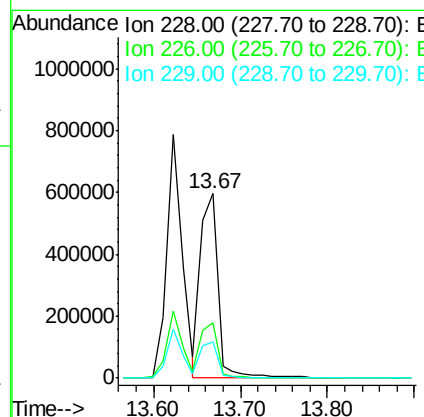
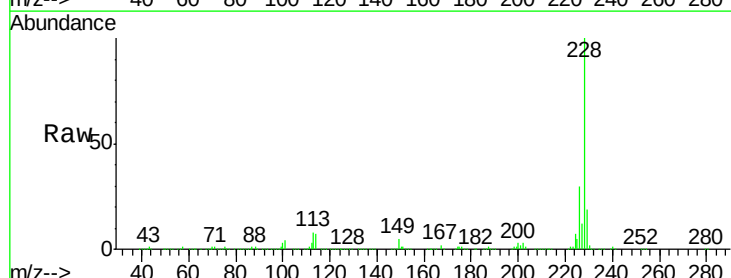
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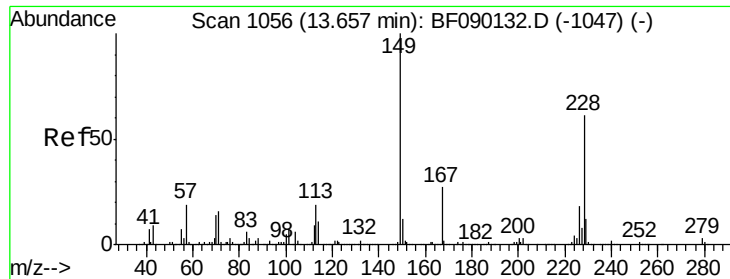
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#82
 Chrysene
 Concen: 41.05 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.8	24.6	37.0
229	19.5	16.2	24.4





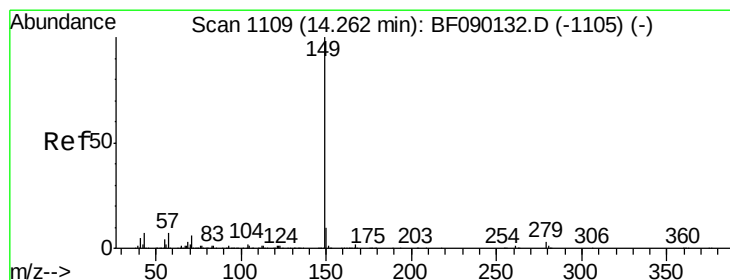
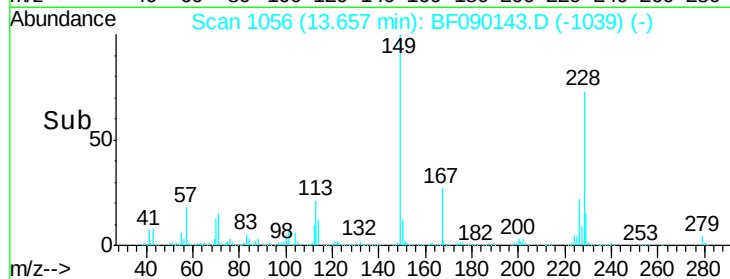
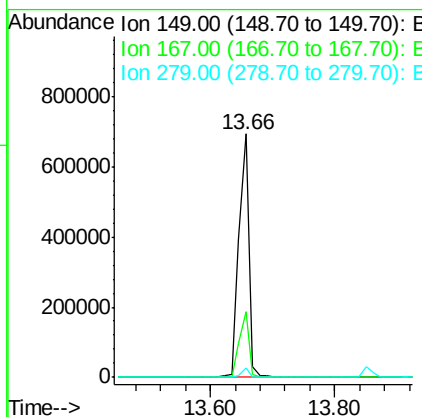
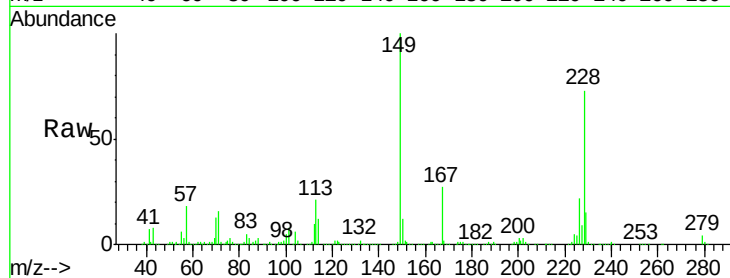
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.87 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	789132		
167	26.9	21.2	31.8	
279	3.7	2.2	3.2#	

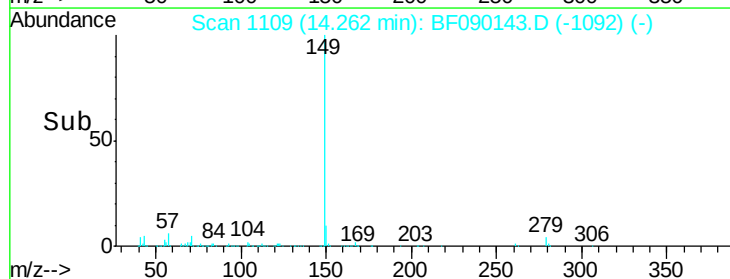
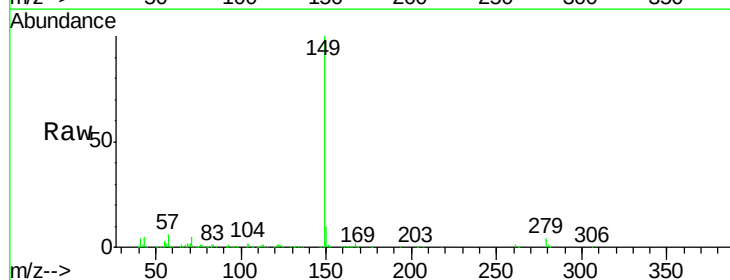
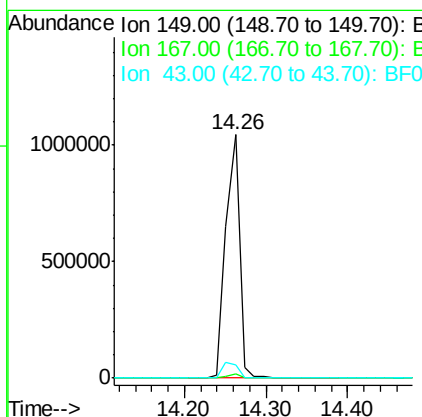
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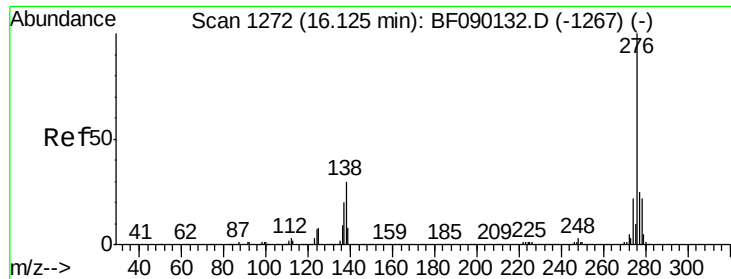
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#84
 Di-n-octyl phthalate
 Concen: 43.20 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1226751		
167	1.5	1.2	1.8	
43	7.2	6.8	10.2	





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.29 ng

RT: 16.13 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

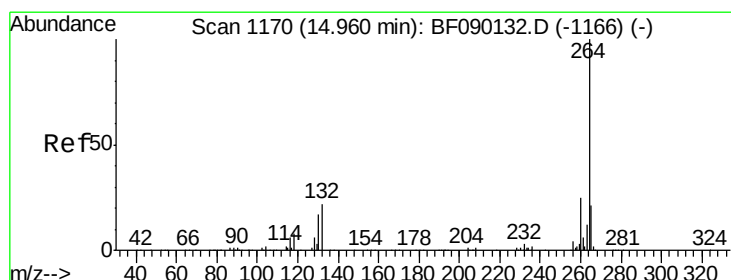
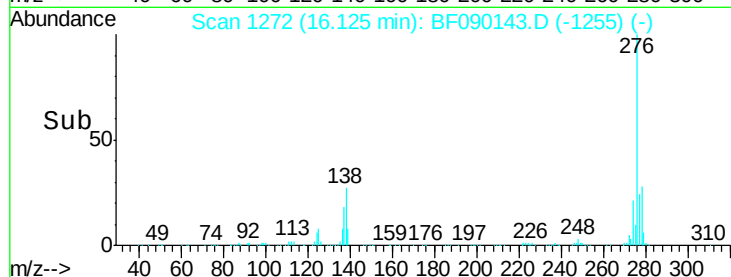
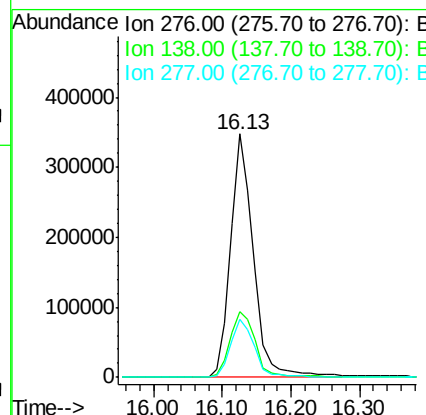
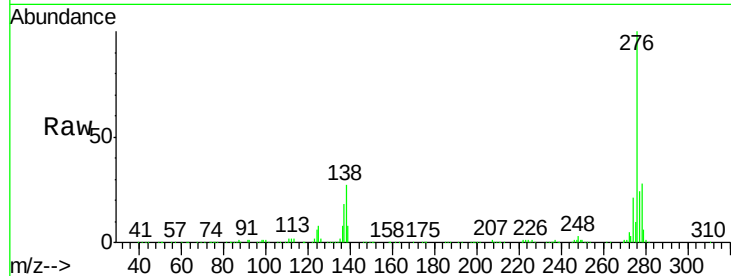
ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:	276	Resp:	820176
Ion Ratio		Lower	Upper
276	100		
138	30.3	25.9	38.9
277	25.3	19.9	29.9

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#86

Perylene-d12

Concen: 20.00 ng

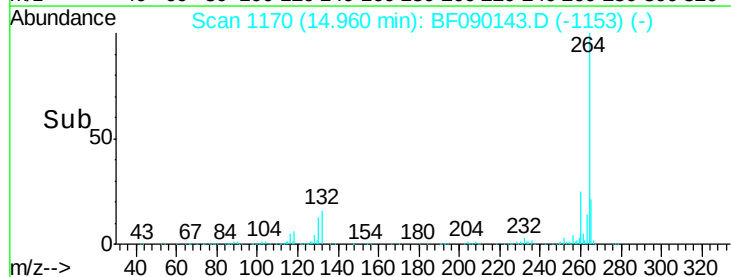
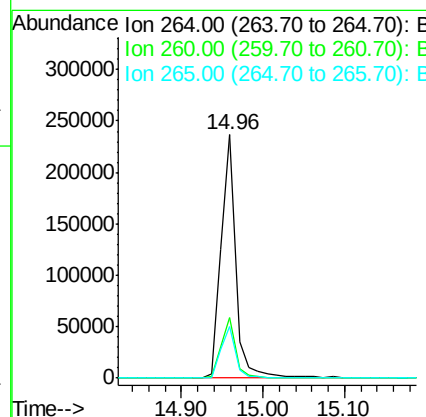
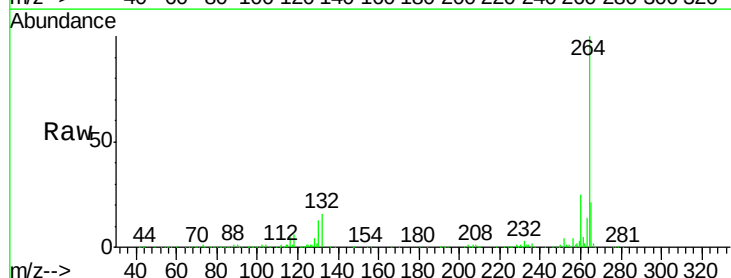
RT: 14.96 min Scan# 1170

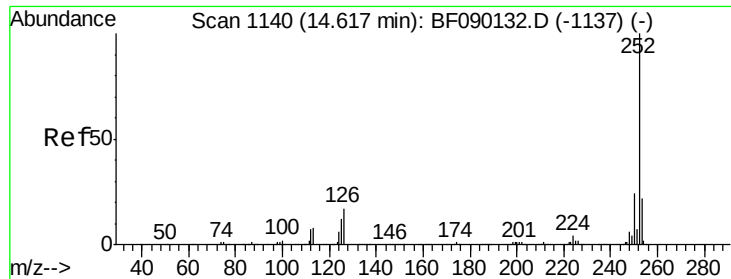
Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Tgt Ion:	264	Resp:	298610
Ion Ratio		Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 51.54 ng m

RT: 14.62 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1MSD

Tgt Ion:252 Resp: 852157

Ion Ratio Lower Upper

252 100

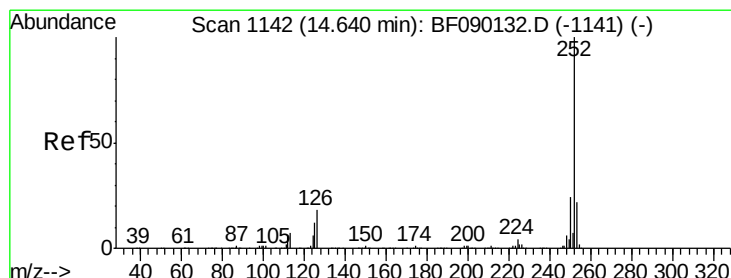
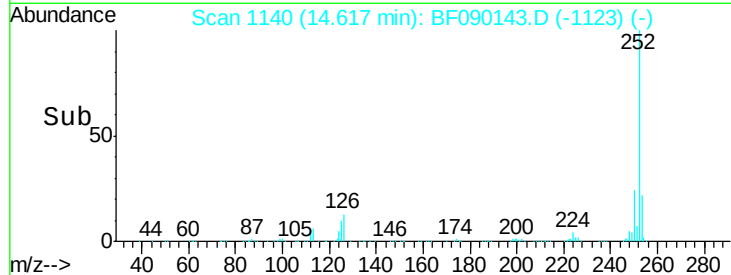
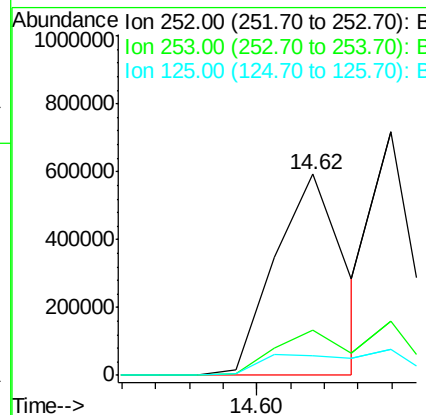
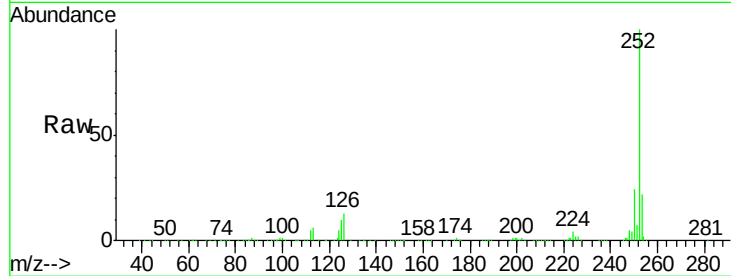
253 22.2 17.9 26.9

125 9.9 12.7 19.1#

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#88

Benzo(k)fluoranthene

Concen: 38.51 ng m

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090143.D

Acq: 20 Sep 2016 19:32

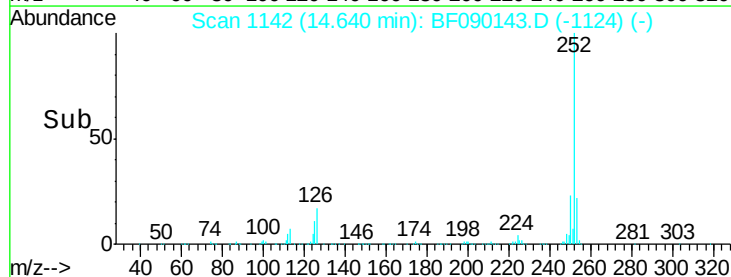
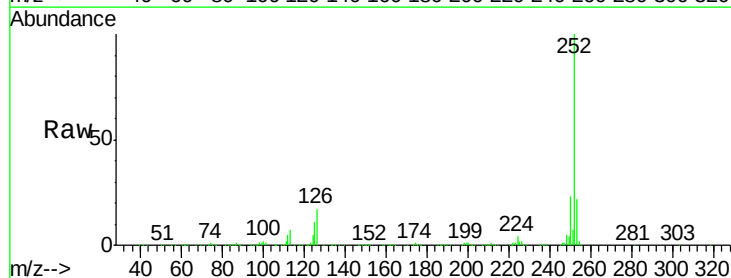
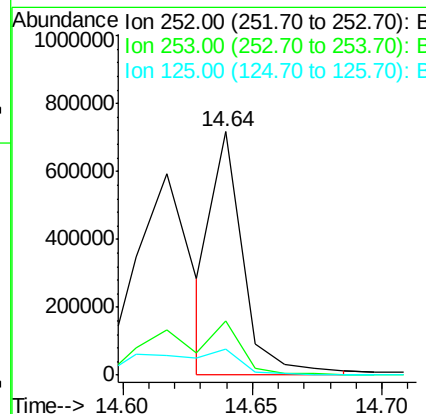
Tgt Ion:252 Resp: 597677

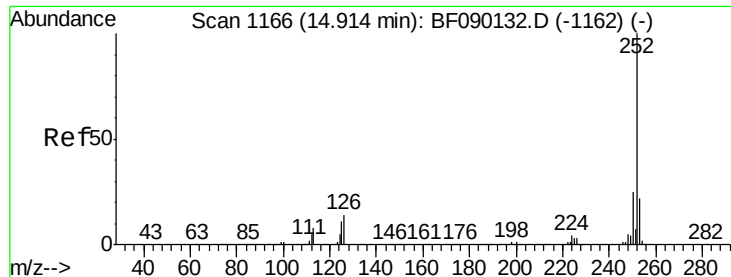
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.9 7.8 11.6





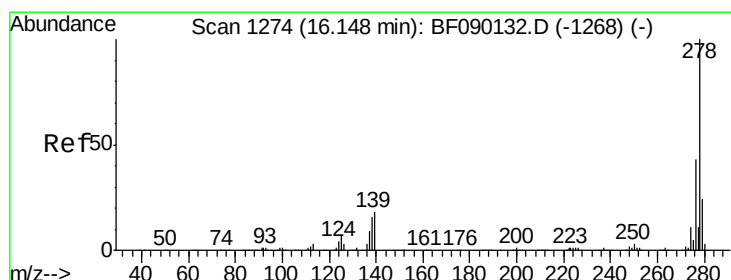
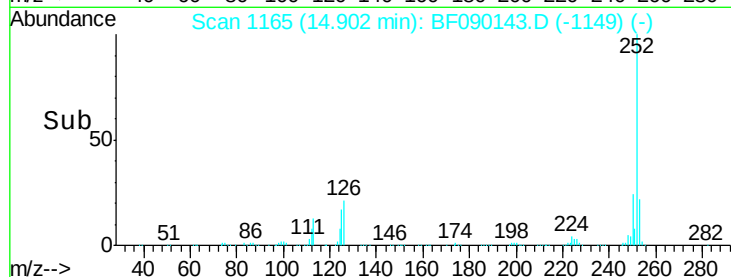
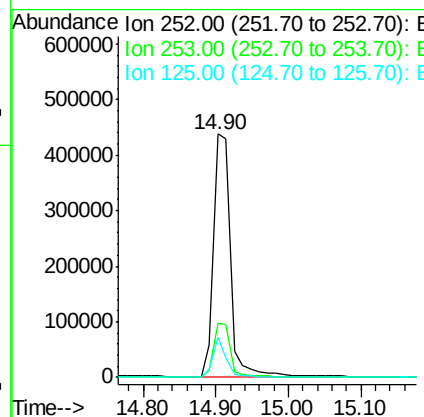
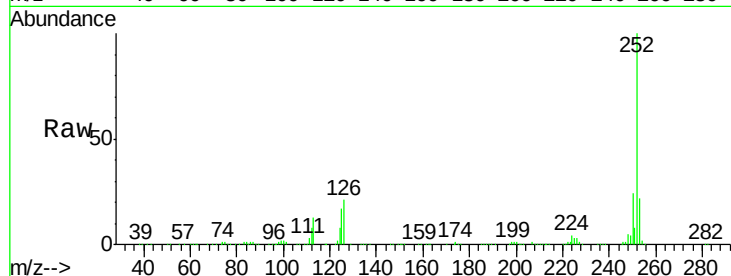
#89
Benzo(a)pyrene
Concen: 45.65 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	16.5	7.7	11.5

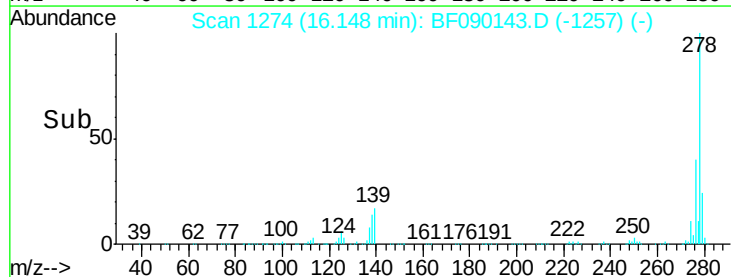
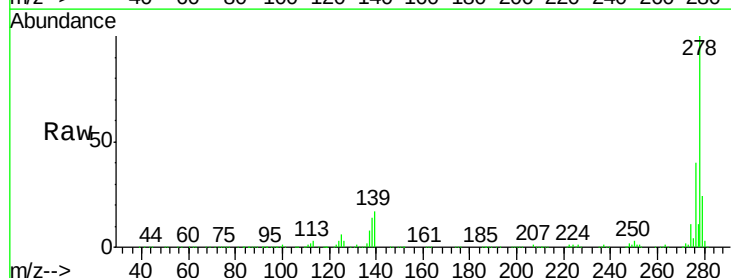
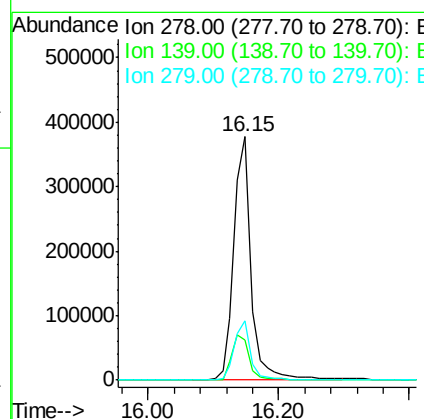
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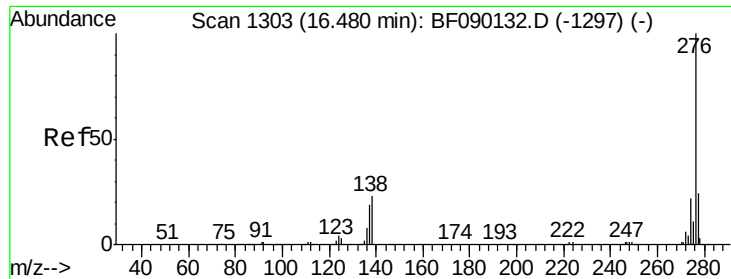
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#90
Dibenzo(a,h)anthracene
Concen: 57.21 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF090143.D
Acq: 20 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.6	21.8
279	24.2	18.8	28.2





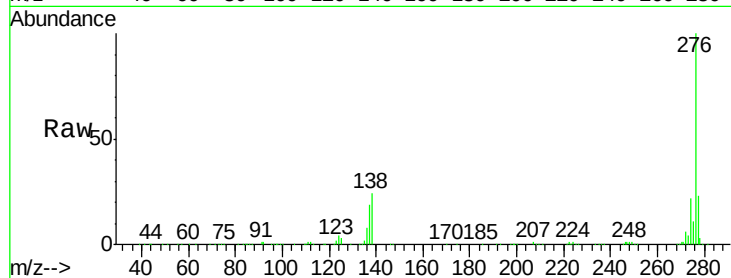
#91
 Benzo(g,h,i)perylene
 Concen: 60.35 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF090143.D
 Acq: 20 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1MSD

Tgt Ion:	276	Resp:	717002
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.2	23.3	34.9

Manual Integrations
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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

