

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103262.D
 Acq On : 27 Feb 2018 14:55
 Operator : SJ/JU
 Sample : J1702-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

Manual Integrations
 APPROVED

Sohil

2/28/2018 11:17:36 AM

Quant Time: Feb 27 17:17:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144408	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609687	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	267908	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	425177	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245765	20.00	ng	0.00
86) Perylene-d12	15.56	264	264689	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1131551	118.51	ng	0.01
7) Phenol-d6	6.52	99	1368232	117.11	ng	0.00
23) Nitrobenzene-d5	7.44	82	901118	84.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	252000	111.13	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1330988	85.75	ng	0.00
78) Terphenyl-d14	12.99	244	971000	94.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	183152	36.318	ng	90
3) Pyridine	3.48	79	504545	37.476	ng	95
4) n-Nitrosodimethylamine	3.42	42	254359	46.846	ng	99
6) Aniline	6.54	93	540635	32.063	ng	95
8) 2-Chlorophenol	6.66	128	431590	43.512	ng	95
9) Benzaldehyde	6.43	77	215031	27.716	ng	100
10) Phenol	6.53	94	558180	41.154	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	448168	43.536	ng	91
12) 1,3-Dichlorobenzene	6.82	146	455422	40.178	ng	99
13) 1,4-Dichlorobenzene	6.89	146	459619	40.444	ng	100
14) 1,2-Dichlorobenzene	7.05	146	419909	40.072	ng	99
15) Benzyl Alcohol	7.02	79	371114	42.152	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	752138	42.548	ng	96
17) 2-Methylphenol	7.13	107	376929	41.816	ng	98
18) Hexachloroethane	7.38	117	166126	40.155	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	296457	40.770	ng	97
20) 3+4-Methylphenols	7.28	107	423309	38.525	ng	# 70
22) Acetophenone	7.29	105	566959	39.839	ng	# 89
24) Nitrobenzene	7.46	77	490356	41.717	ng	98
25) Isophorone	7.70	82	906878	43.130	ng	99
26) 2-Nitrophenol	7.77	139	253108	45.741	ng	97
27) 2,4-Dimethylphenol	7.81	122	394784	46.675	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	567477	45.904	ng	99
29) 2,4-Dichlorophenol	8.02	162	362934	44.819	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	351540	40.766	ng	100
31) Naphthalene	8.18	128	1219648	40.860	ng	100
33) 4-Chloroaniline	8.23	127	307189	23.849	ng	98
34) Hexachlorobutadiene	8.29	225	176333	39.268	ng	96
35) Caprolactam	8.60	113	129377m	45.459	ng	
36) 4-Chloro-3-methylphenol	8.72	107	407268	44.590	ng	98
37) 2-Methylnaphthalene	8.87	142	798684	41.402	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	301570	41.175	ng	98
40) Hexachlorocyclopentadiene	9.02	237	117391	49.305	ng	98
42) 2,4,6-Trichlorophenol	9.15	196	217640	44.162	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	233633	41.219	nq	99
45) 1,1'-Biphenyl	9.33	154	905279	40.325	nq	100
46) 2-Chloronaphthalene	9.36	162	724242	40.778	nq	99
47) 2-Nitroaniline	9.46	65	285406	43.383	nq	92
48) Acenaphthylene	9.78	152	1082336	39.608	nq	99
49) Dimethylphthalate	9.63	163	1015215	47.237	nq	99
50) 2,6-Dinitrotoluene	9.70	165	195267	43.295	nq	95
51) Acenaphthene	9.95	154	626721	39.332	nq	99
52) 3-Nitroaniline	9.87	138	183034	31.987	nq	98
53) 2,4-Dinitrophenol	9.99	184	56652	40.213	nq	# 18
54) Dibenzofuran	10.12	168	914176	41.793	nq	97
55) 4-Nitrophenol	10.05	139	270407	76.247	nq	94
56) 2,4-Dinitrotoluene	10.11	165	242522	42.517	nq	# 91
57) Fluorene	10.47	166	717296	38.495	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	165534	43.474	nq	98
59) Diethylphthalate	10.33	149	845673	41.141	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	325072	41.139	nq	99
61) 4-Nitroaniline	10.49	138	211349	36.979	nq	95
62) Azobenzene	10.62	77	844875	40.380	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	85209	34.489	nq	93
65) n-Nitrosodiphenylamine	10.57	169	660064	44.587	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	195302	44.095	nq	93
67) Hexachlorobenzene	11.02	284	195780	40.725	nq	96
68) Atrazine	11.10	200	200910	45.152	nq	98
69) Pentachlorophenol	11.22	266	161653	69.545	nq	98
70) Phenanthrene	11.43	178	983520	42.033	nq	99
71) Anthracene	11.49	178	991631	41.328	nq	100
72) Carbazole	11.64	167	910254	38.096	nq	99
73) Di-n-butylphthalate	11.96	149	1254254	41.950	nq	99
74) Fluoranthene	12.62	202	911810	38.779	nq	98
76) Benzidine	12.75	184	475263	51.727	nq	98
77) Pyrene	12.85	202	885081	46.191	nq	100
79) Butylbenzylphthalate	13.46	149	463309	45.765	nq	100
80) Benzo(a)anthracene	14.04	228	709279	44.480	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	225421	39.611	nq	97
82) Chrysene	14.08	228	657137	42.442	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	614384	44.972	nq	# 98
84) Di-n-octyl phthalate	14.64	149	1021615	46.284	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	668204	54.513	nq	98
87) Benzo(b)fluoranthene	15.12	252	738862	42.456	nq	# 95
88) Benzo(k)fluoranthene	15.14	252	622891	38.009	nq	99
89) Benzo(a)pyrene	15.50	252	679250	43.707	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	544272	45.323	nq	98
91) Benzo(g,h,i)perylene	17.55	276	547072	46.613	nq	98

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

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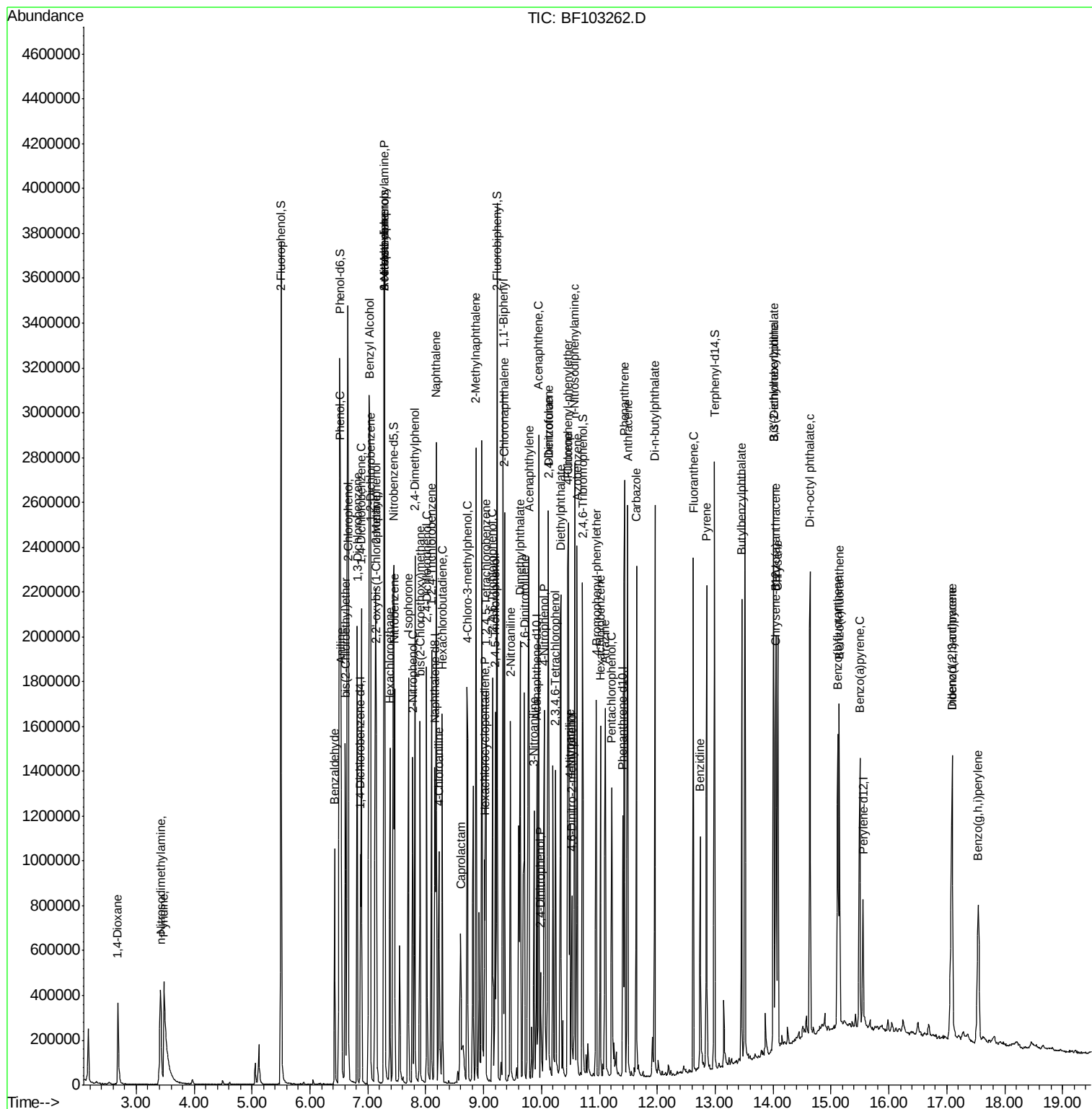
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

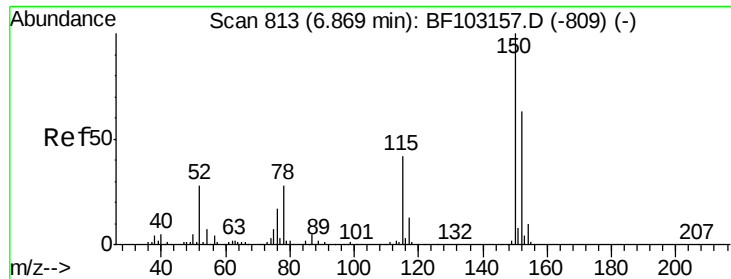
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

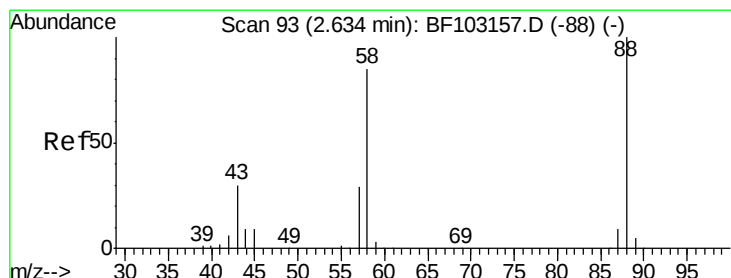
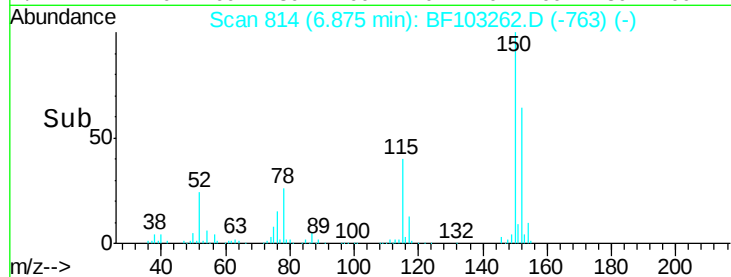
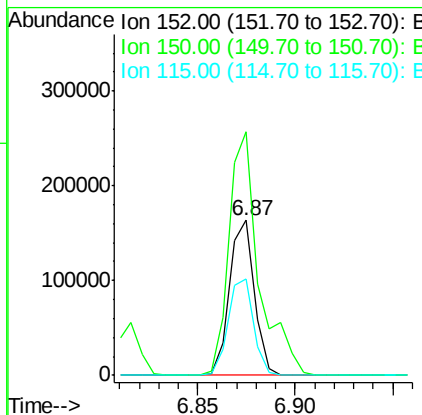
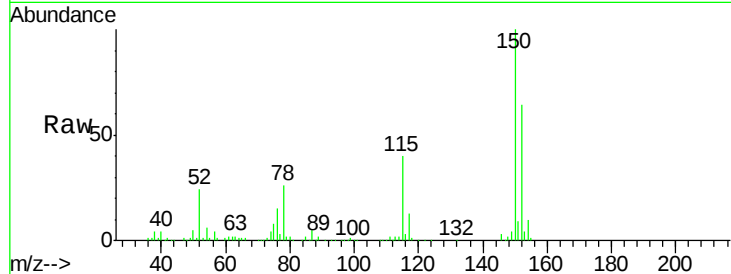
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.2	50.1	75.1

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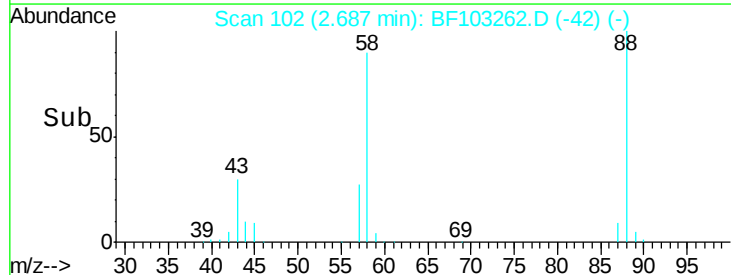
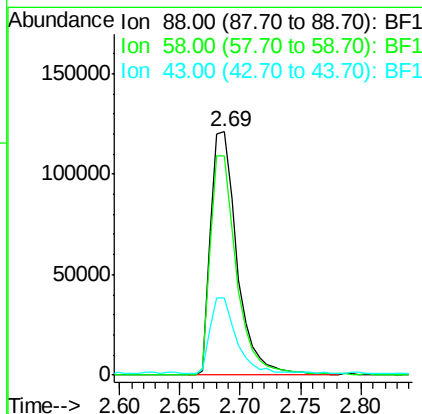
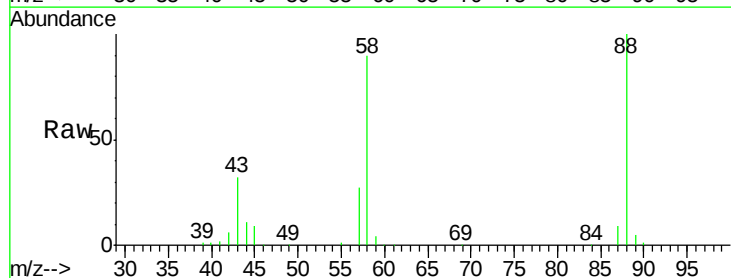
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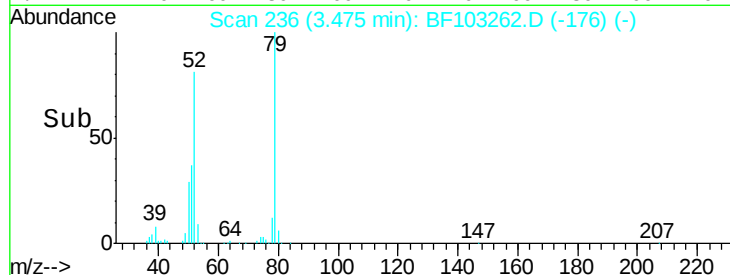
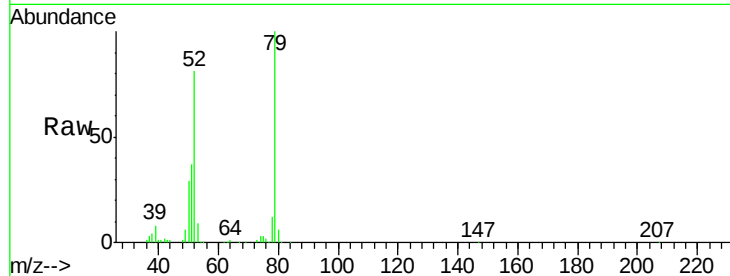
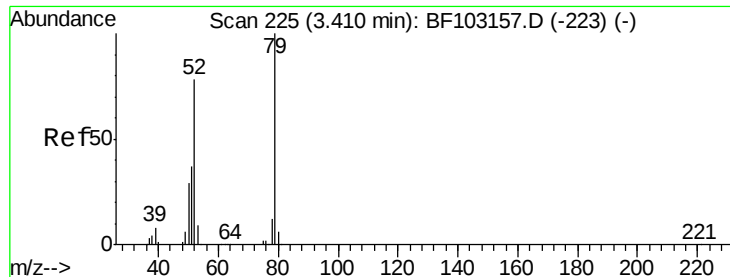


#2

1,4-Dioxane
Concen: 36.318 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.05 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	62.6	93.8
43	30.9	24.6	37.0





#3
 Pvridine
 Concen: 37.476 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.05 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

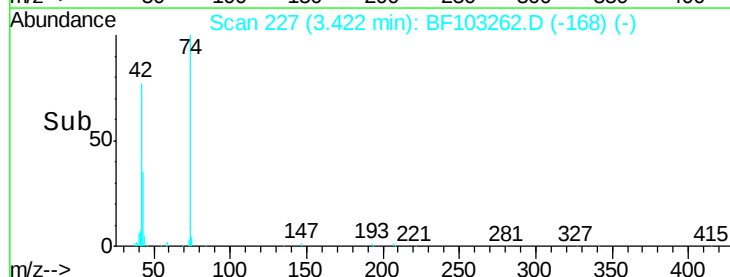
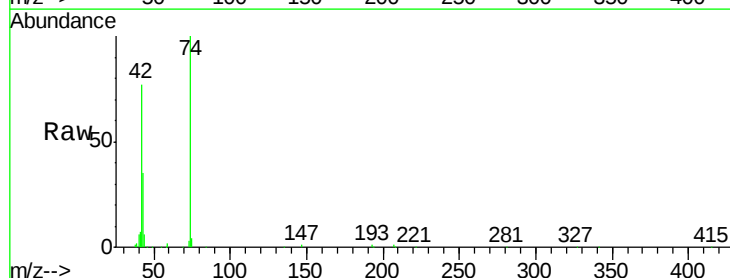
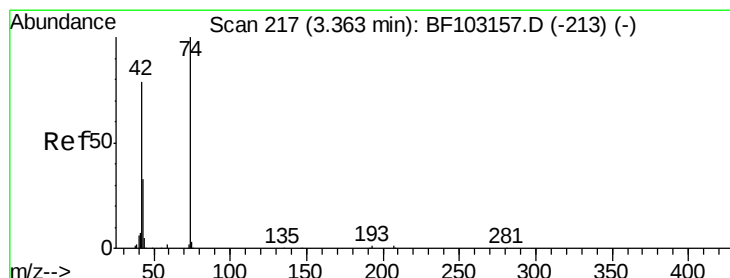
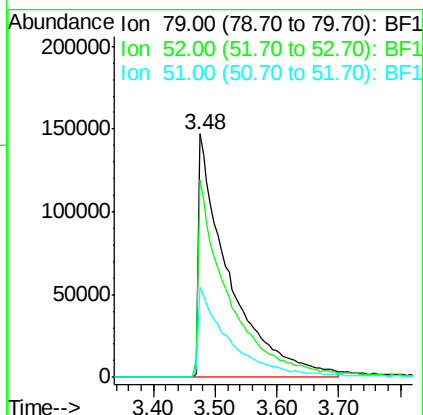
Tot Ion:	79	Resp:	504545
Ion Ratio	Lower	Upper	
79	100		
52	81.3	59.8	89.6
51	37.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

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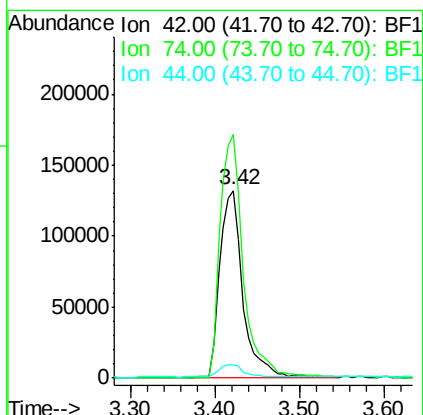
Sohil

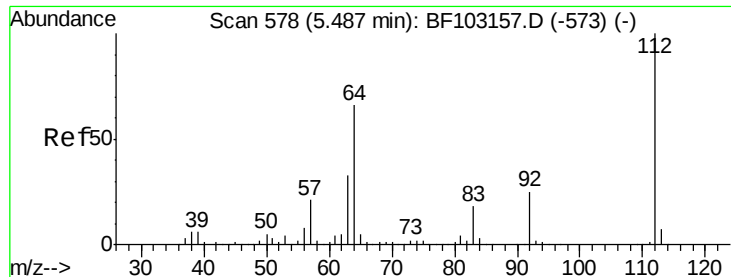
2/28/2018 11:17:36 AM



#4
 n-Nitrosodimethylamine
 Concen: 46.846 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.05 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:	42	Resp:	254359
Ion Ratio	Lower	Upper	
42	100		
74	129.7	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 118.511 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampled :

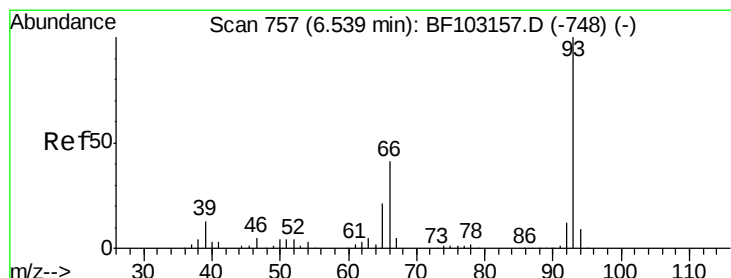
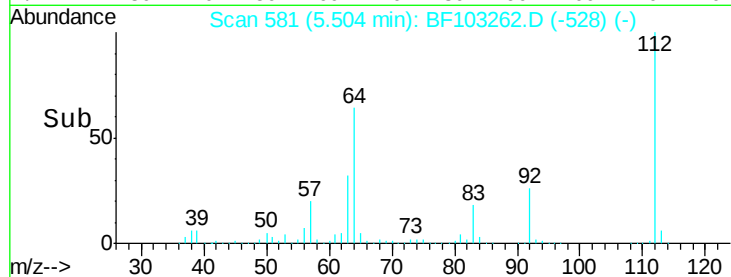
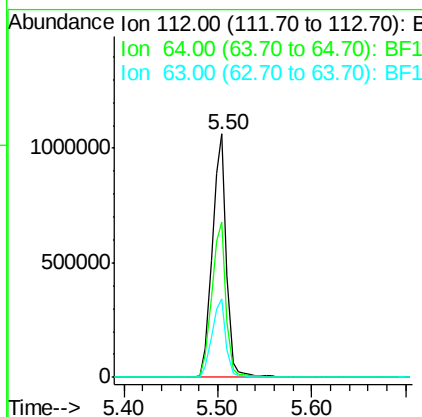
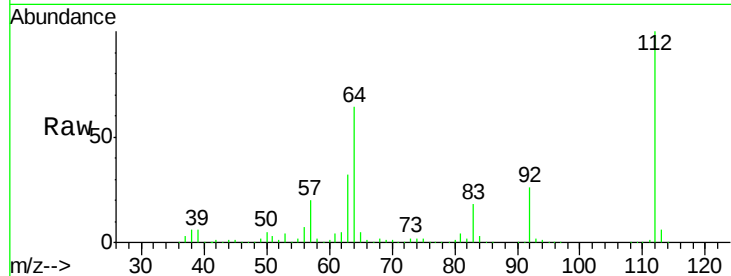
FK-SF-03-003-AMSD

Tot Ion:	112	Resp:	1131551
Ion Ratio	Lower	Upper	
112	100		
64	63.9	47.9	71.9
63	32.4	23.7	35.5

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#6

Aniline

Concen: 32.063 ng

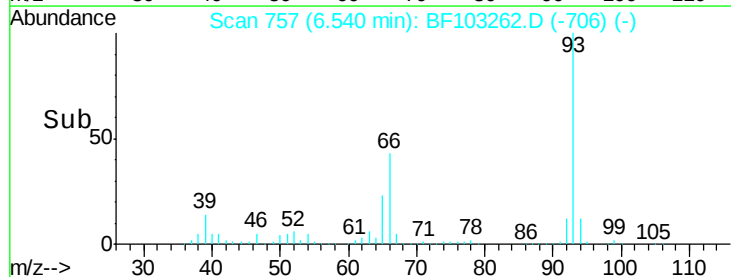
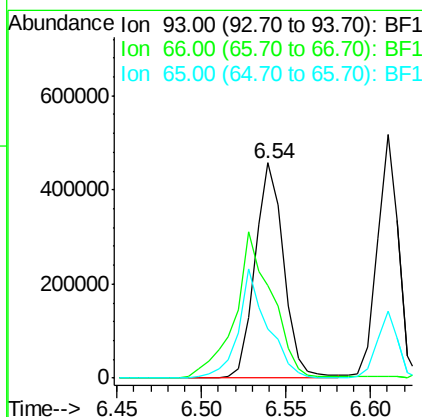
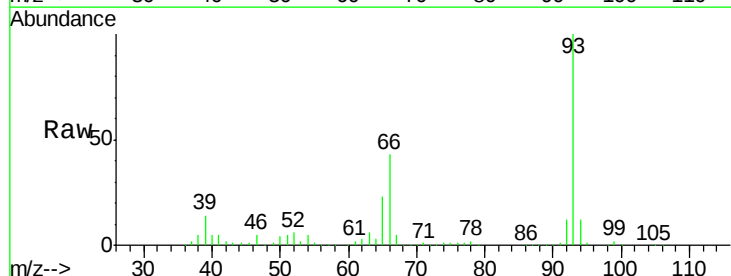
RT: 6.54 min Scan# 757

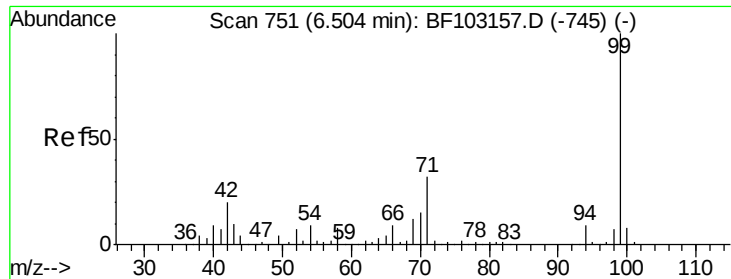
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	93	Resp:	540635
Ion Ratio	Lower	Upper	
93	100		
66	43.3	32.2	48.2
65	22.8	16.4	24.6





#7

Phenol-d6

Concen: 117.108 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103262.D

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FK-SF-03-003-AMSD

Tot Ion: 99 Resp: 1368232

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

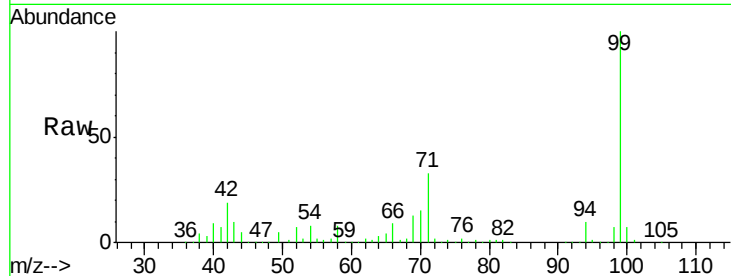
71 33.0 25.4 38.0

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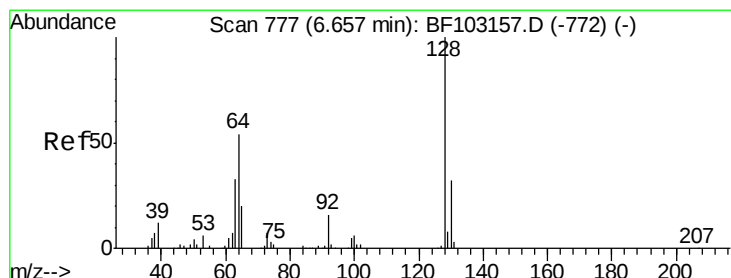
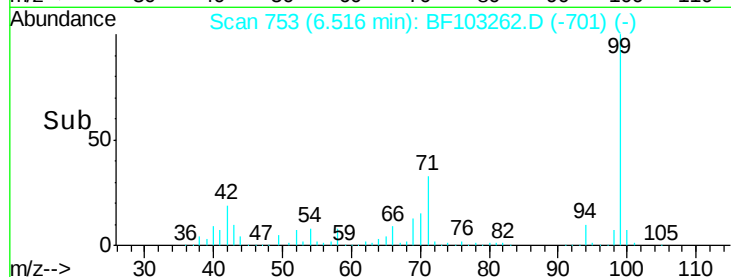
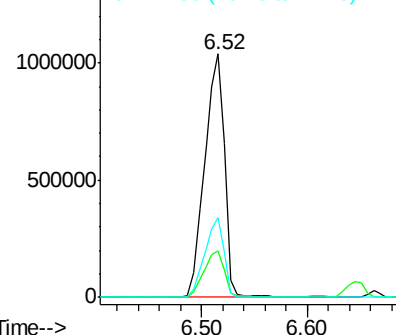
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.512 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

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Acq: 27 Feb 2018 14:55

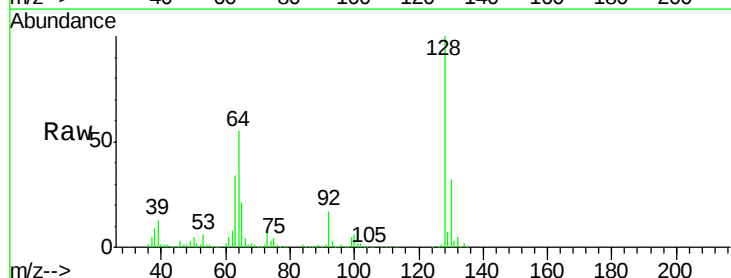
Tgt Ion: 128 Resp: 431590

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

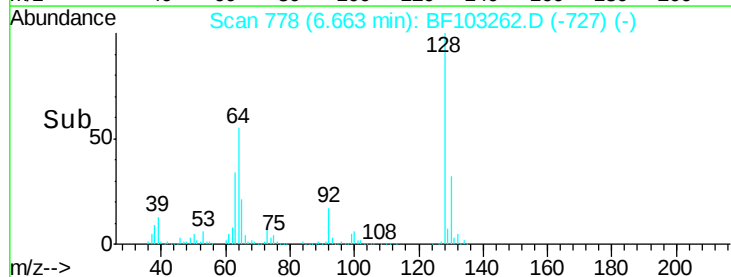
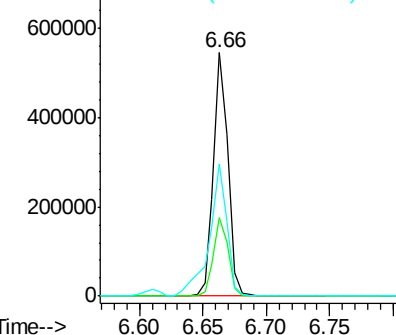
64 54.5 29.4 69.4

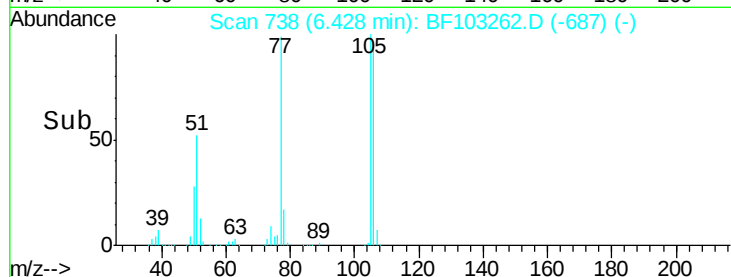
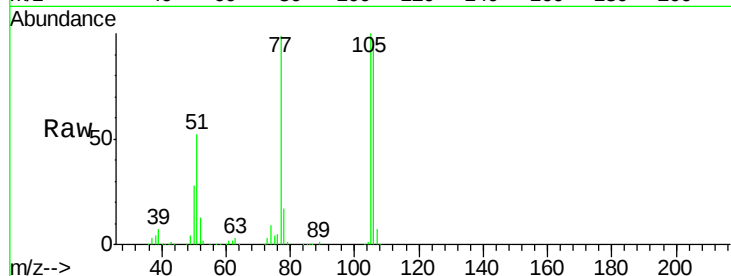
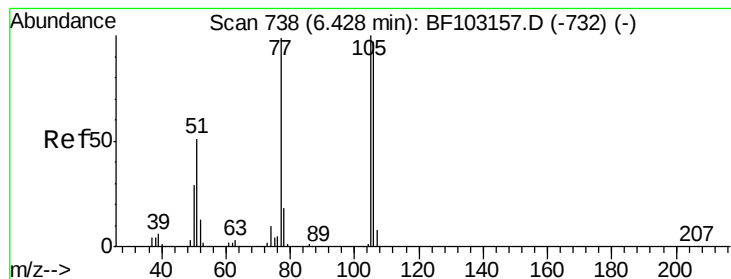


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.716 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103262.D

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Tot Ion:	77	Resp:	215031
Ion Ratio	Lower	Upper	
77	100		
105	100.5	81.1	121.1
106	94.9	74.5	114.5

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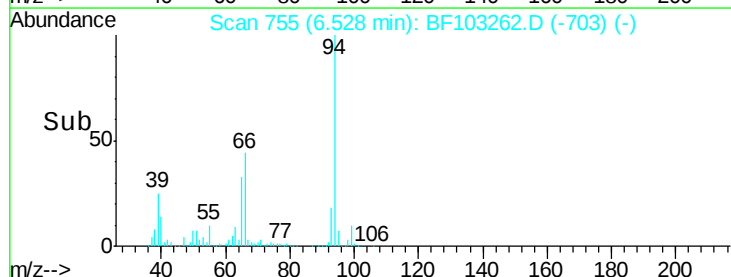
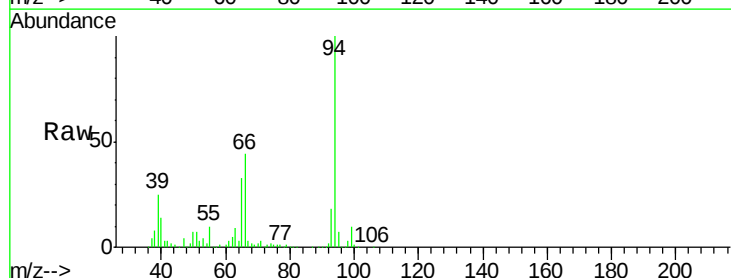
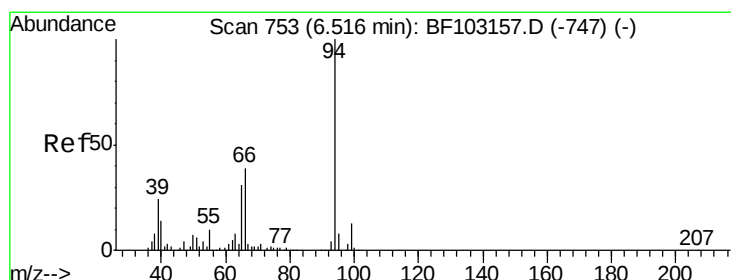
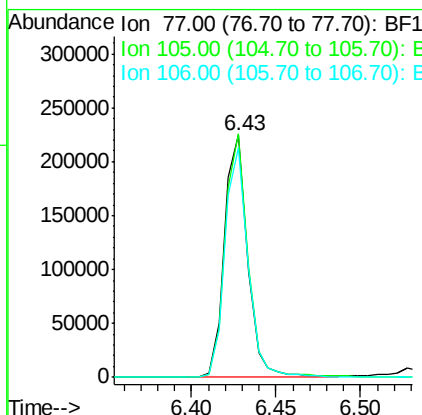
ClientSampleId :

FK-SF-03-003-AMSD

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#10

Phenol

Concen: 41.154 ng

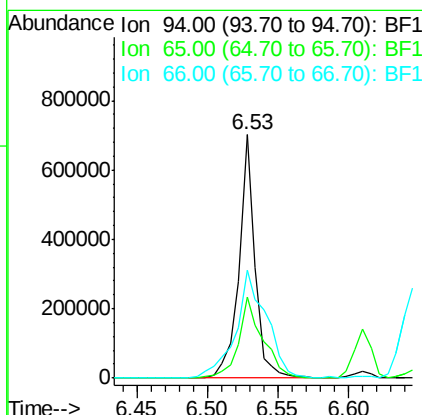
RT: 6.53 min Scan# 755

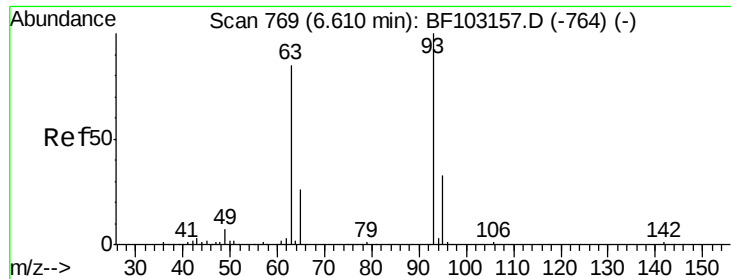
Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	94	Resp:	558180
Ion Ratio	Lower	Upper	
94	100		
65	33.2	7.9	47.9
66	44.2	16.2	56.2





#11
bis(2-Chloroethyl)ether
Concen: 43.536 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

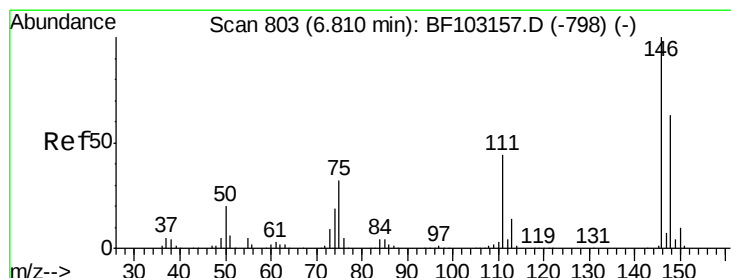
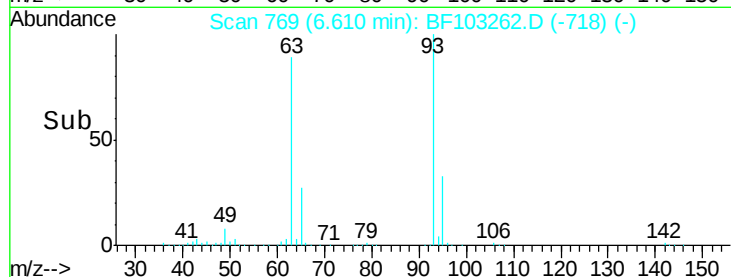
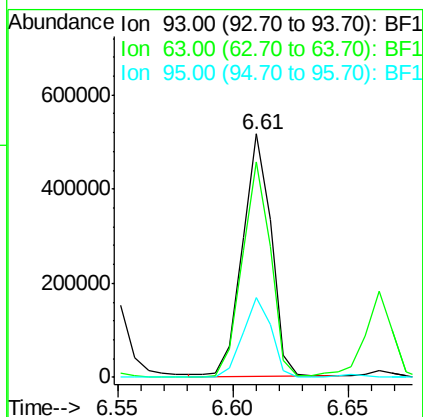
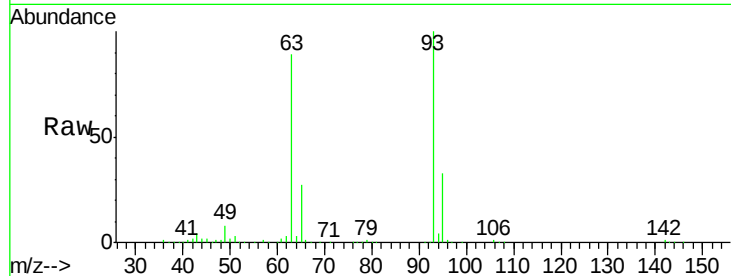
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.6	98.6
95	32.6	11.8	51.8

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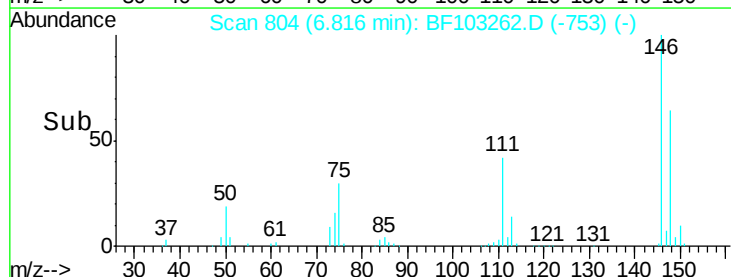
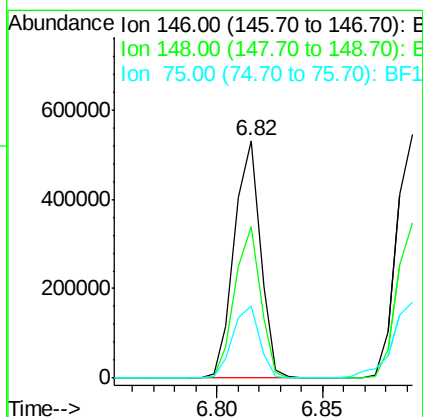
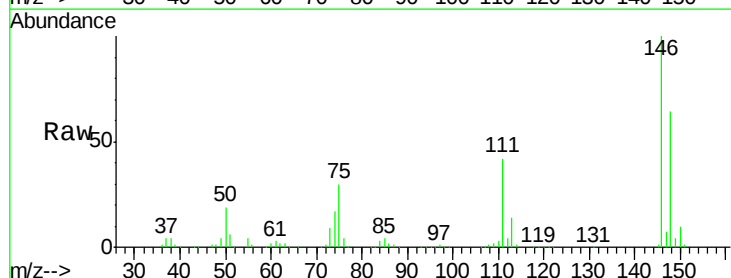
Sohil

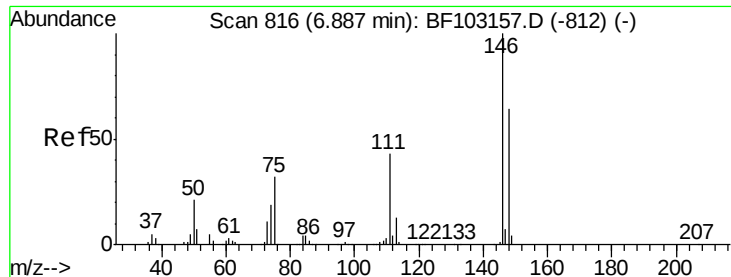
2/28/2018 11:17:36 AM



#12
1,3-Dichlorobenzene
Concen: 40.178 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	30.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.444 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

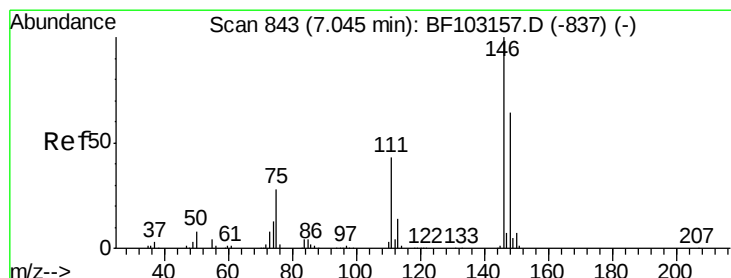
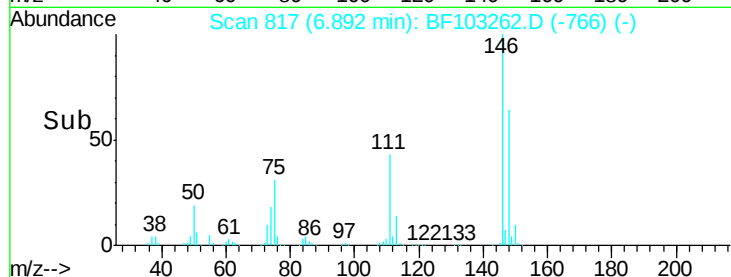
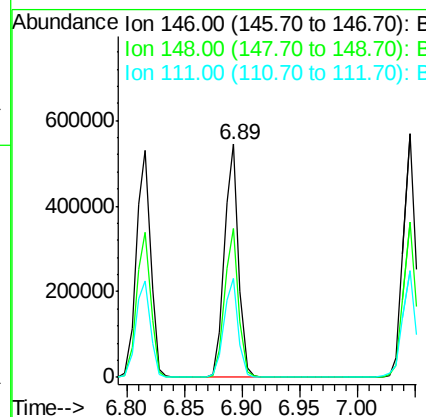
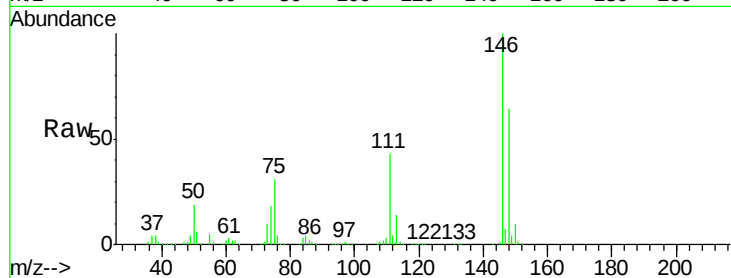
FK-SF-03-003-AMSD

Tot Ion:	146	Resp:	459619
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.8	76.2
111	42.7	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.072 ng

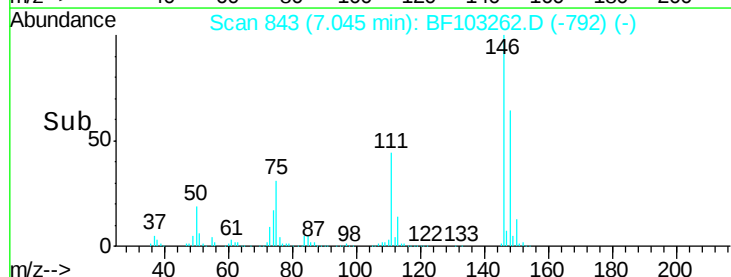
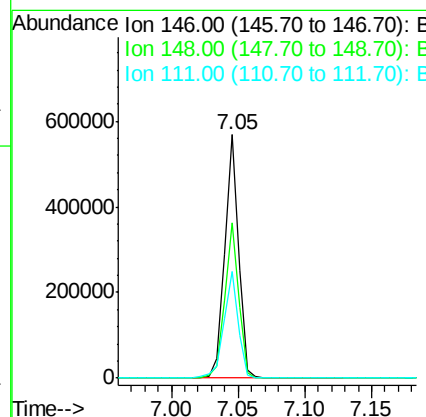
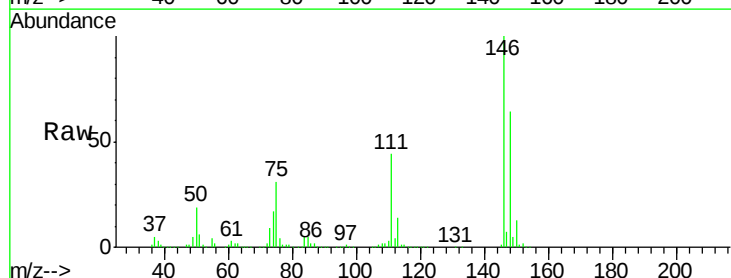
RT: 7.05 min Scan# 843

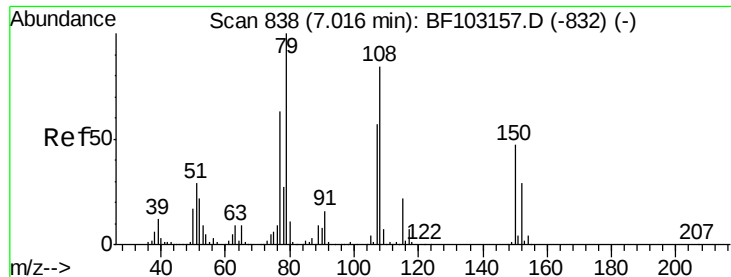
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	146	Resp:	419909
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.152 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

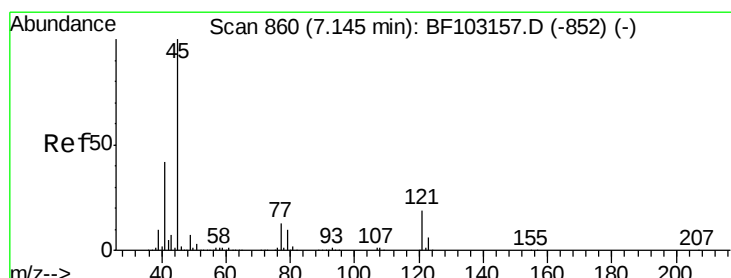
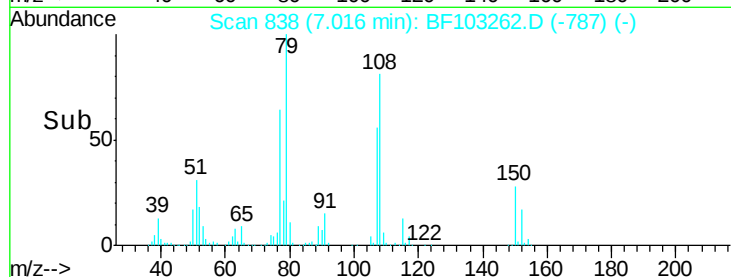
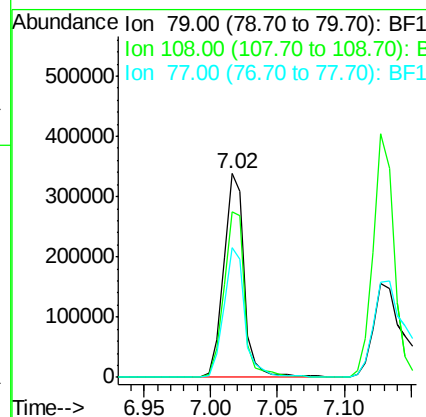
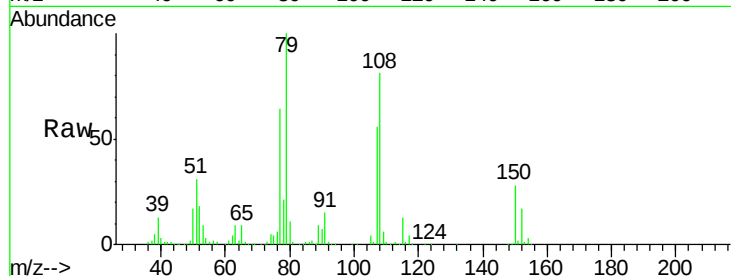
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	64.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.548 ng

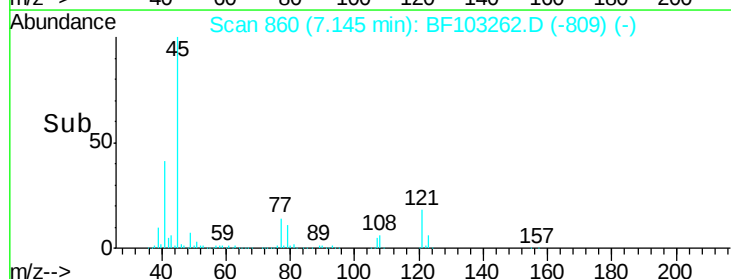
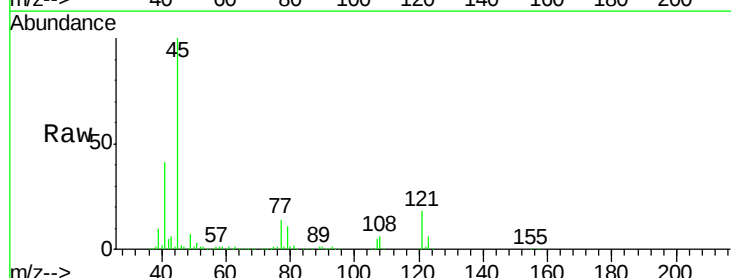
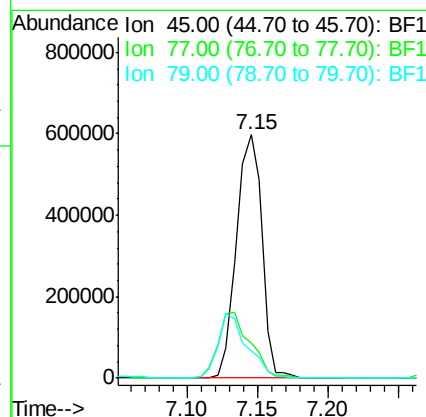
RT: 7.15 min Scan# 860

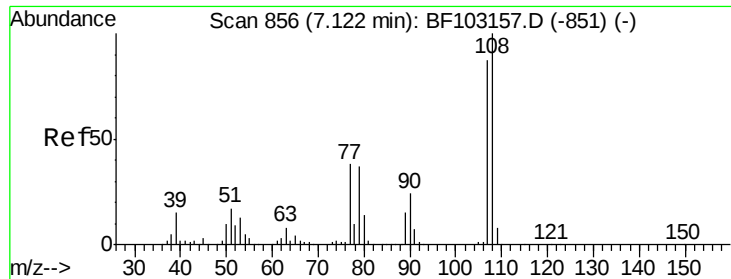
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	32.9
79	11.4	0.0	29.6





#17
2-Methylphenol
Concen: 41.816 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

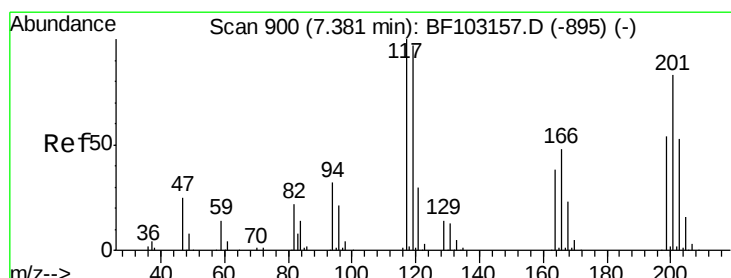
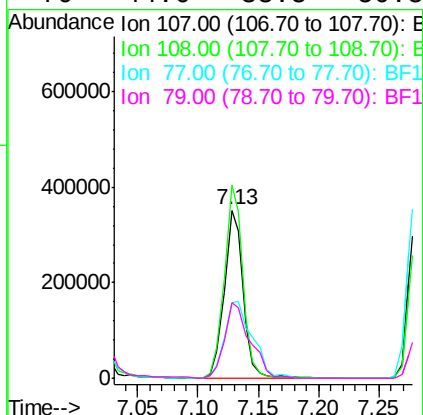
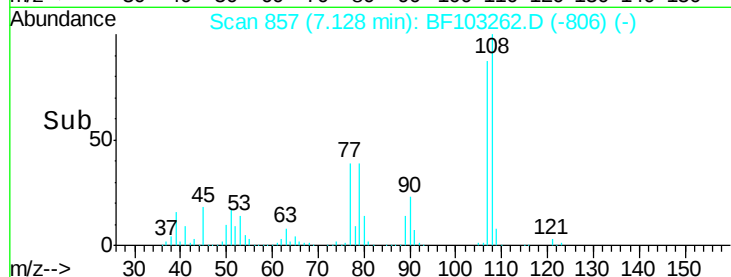
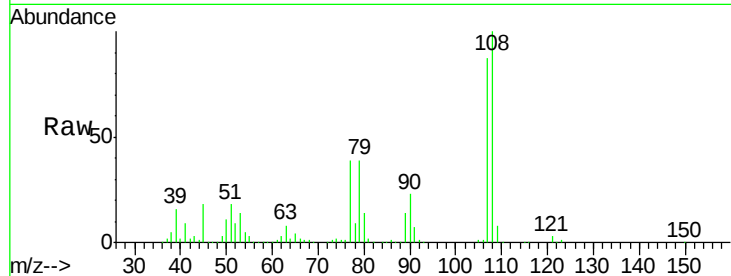
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	107	Resp	376929
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.7	137.5
77	45.0	33.8	50.8
79	44.6	33.8	50.8

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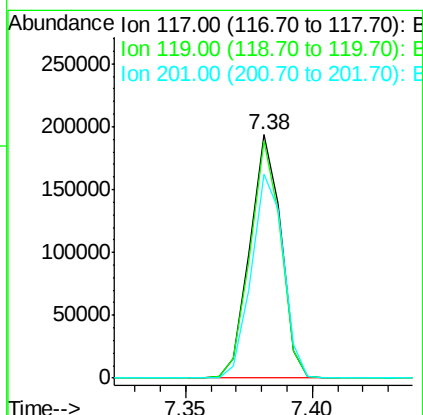
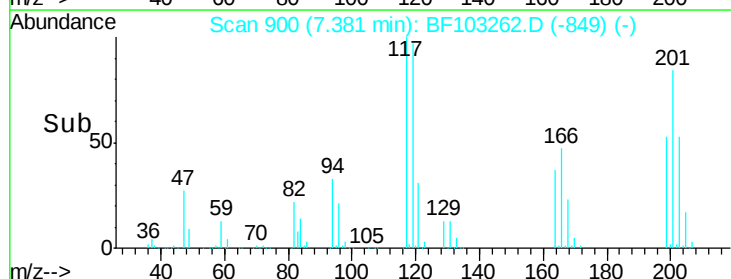
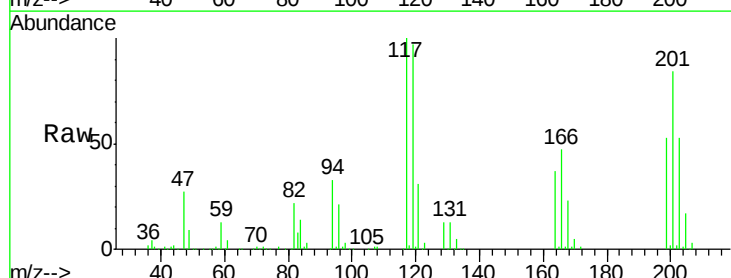
Sohil

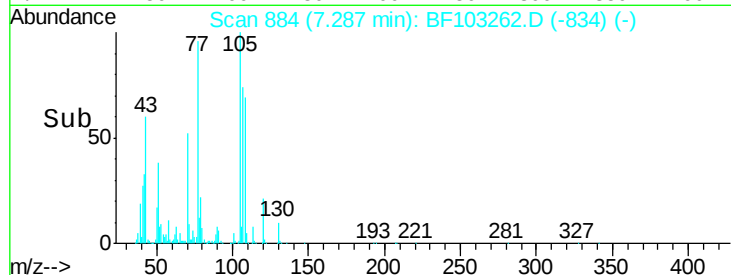
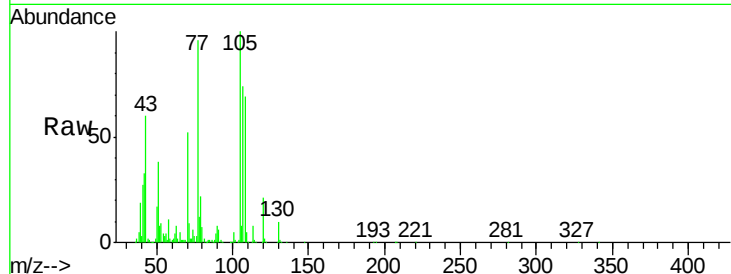
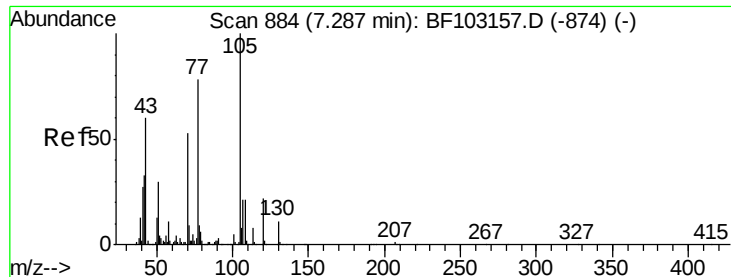
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#18
Hexachloroethane
Concen: 40.155 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	117	Resp	166126
Ion Ratio	Lower	Upper	
117	100		
119	97.4	75.8	113.8
201	83.7	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

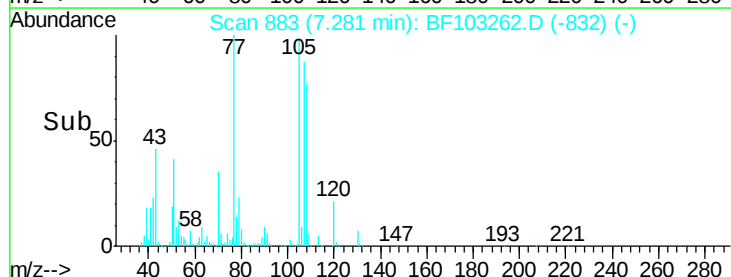
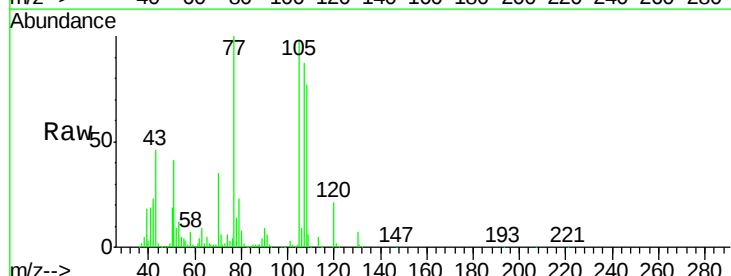
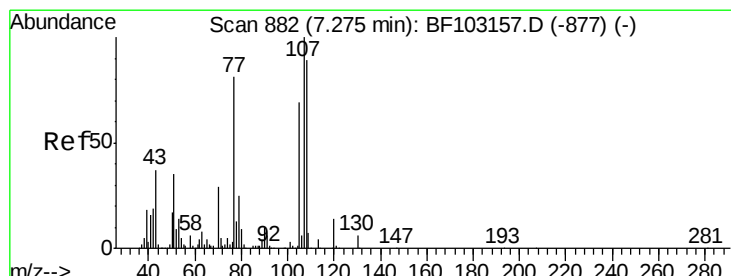
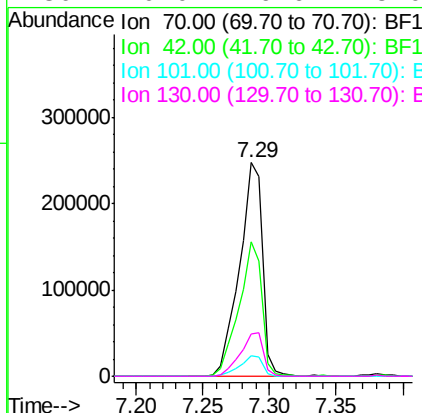
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.5	71.3
101	9.4	7.4	11.2
130	20.0	16.6	25.0

Manual Integrations
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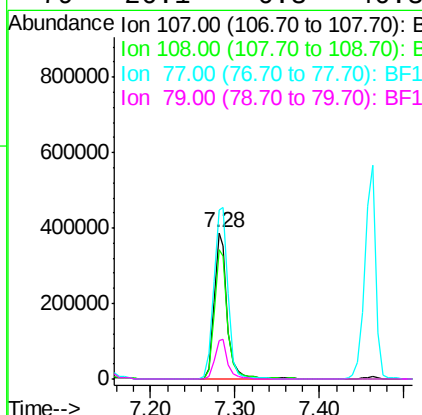
Sohil

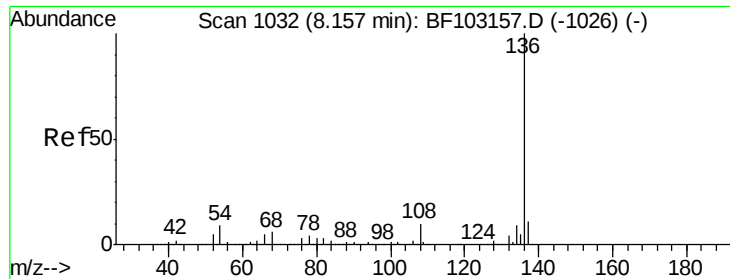
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#20
3+4-Methylphenols
Concen: 38.525 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	115.2	26.7	66.7#
79	26.1	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

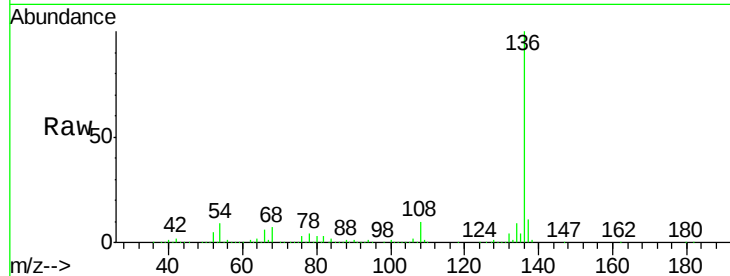
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		609687		
137	10.9		8.9	13.3	
54	9.3		6.6	9.8	
68	6.7		5.0	7.4	

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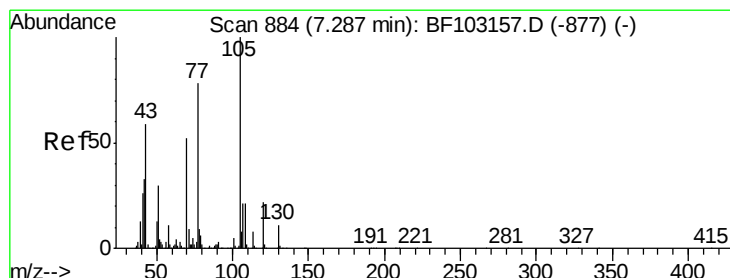
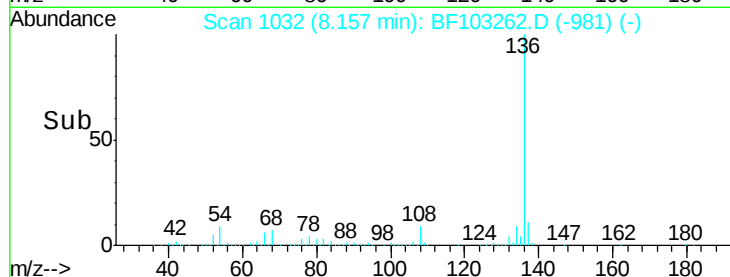
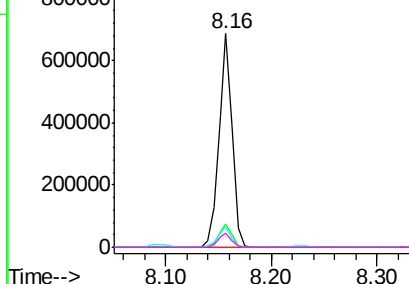
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.839 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		566959		
71	8.9		4.4	6.6#	
51	37.7		22.3	33.5#	
120	21.1		16.9	25.3	

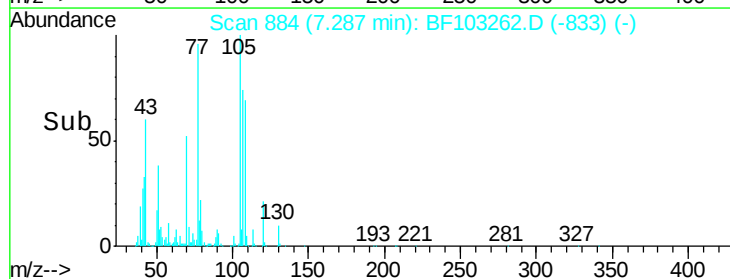
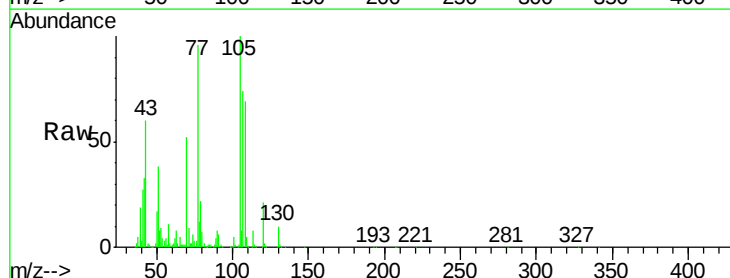
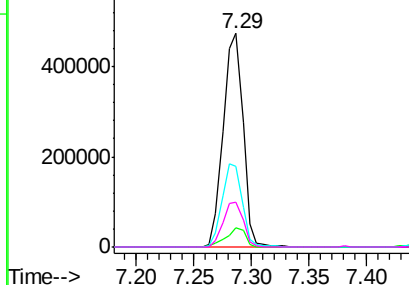
Abundance

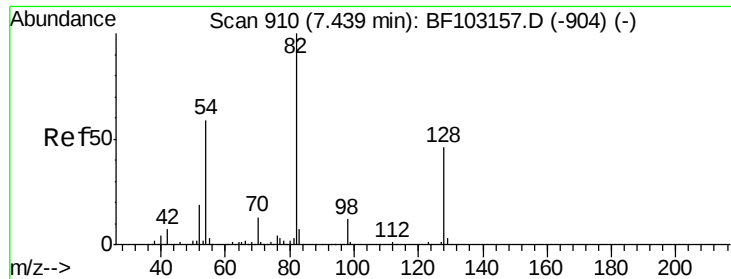
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23
Nitrobenzene-d5
Concen: 84.406 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

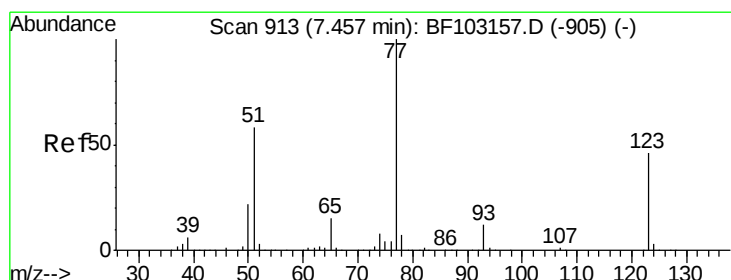
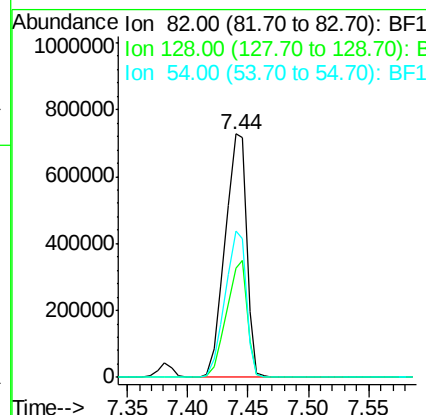
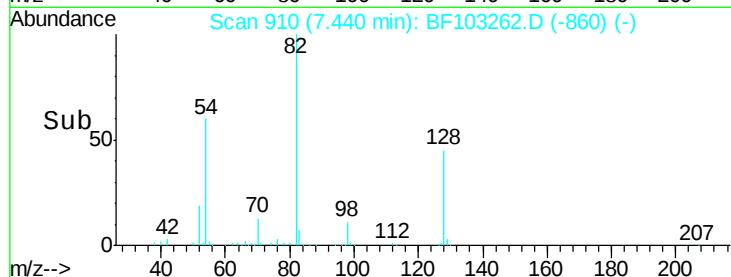
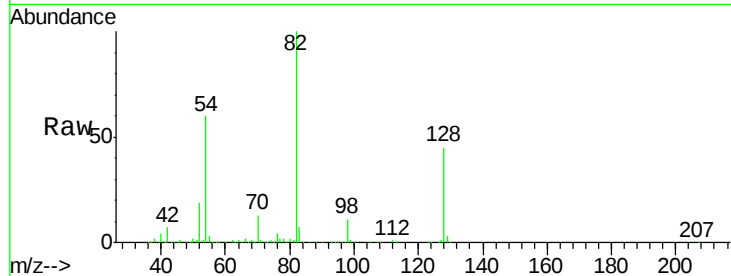
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	60.3	41.4	62.2

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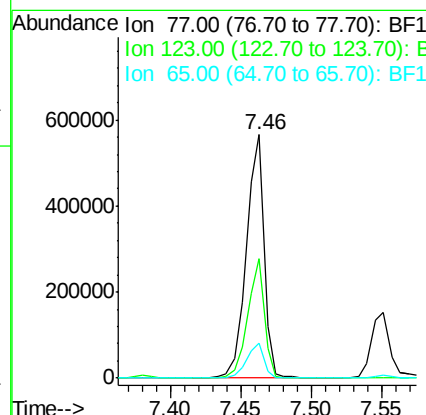
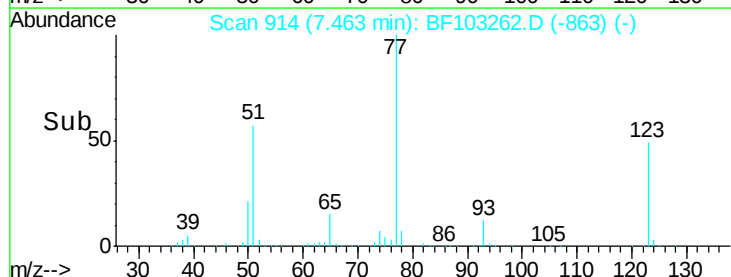
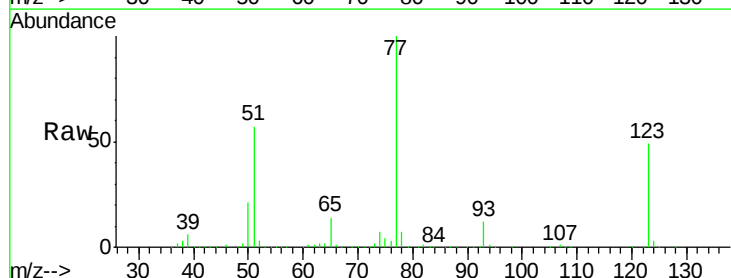
Sohil

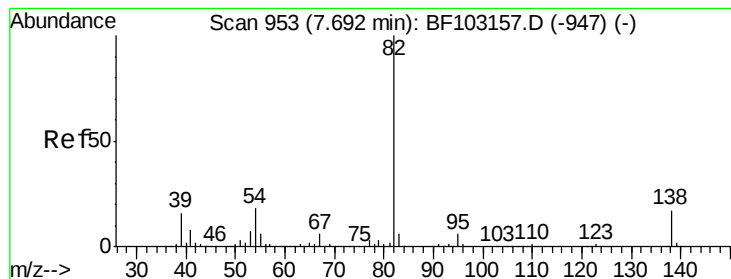
2/28/2018 11:17:36 AM



#24
Nitrobenzene
Concen: 41.717 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 43.130 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

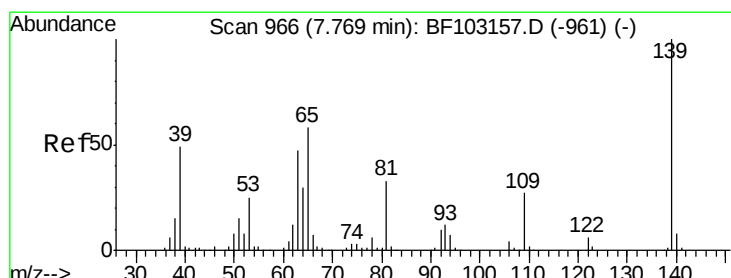
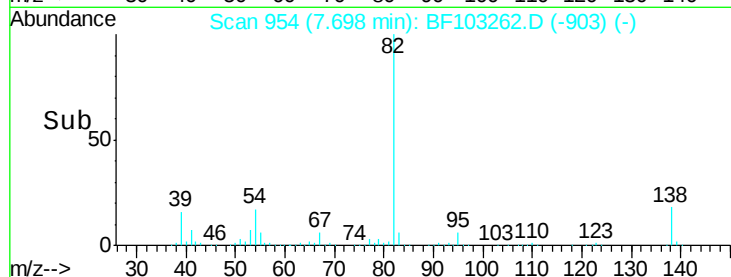
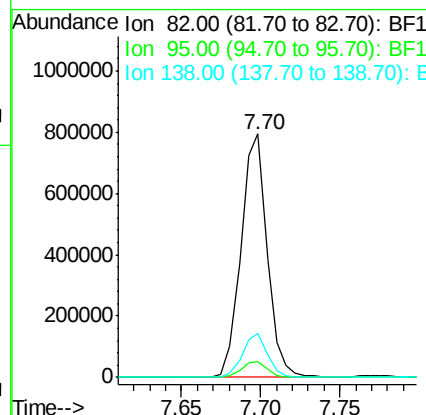
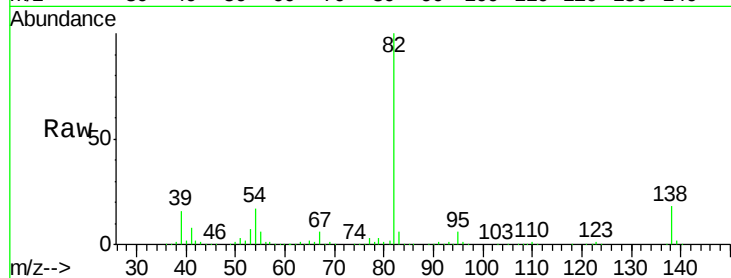
FK-SF-03-003-AMSD

Tot Ion:	82	Resp:	906878
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.741 ng

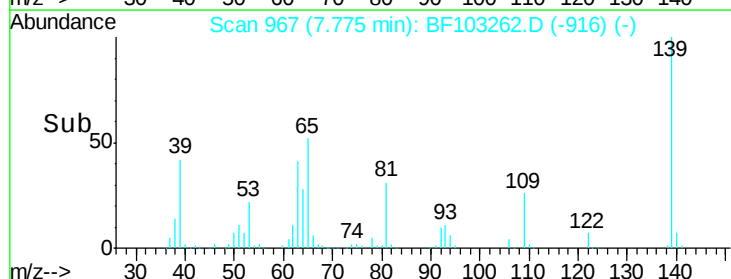
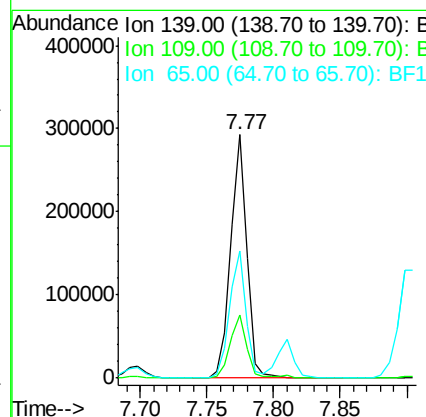
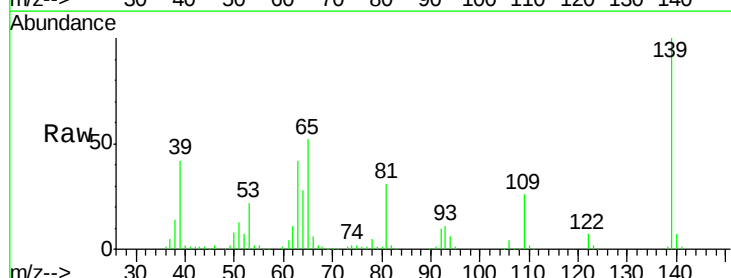
RT: 7.77 min Scan# 967

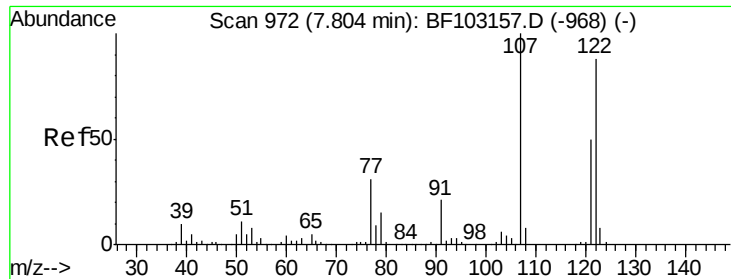
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	139	Resp:	253108
Ion Ratio	Lower	Upper	
139	100		
109	25.9	22.7	34.1
65	52.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 46.675 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

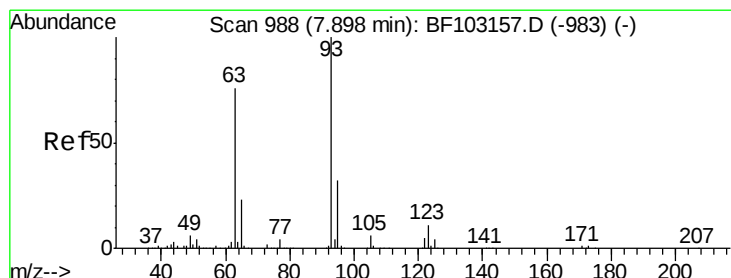
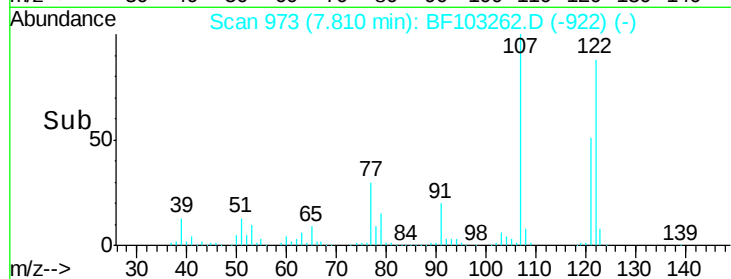
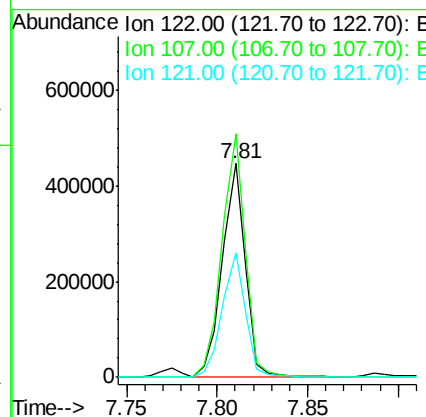
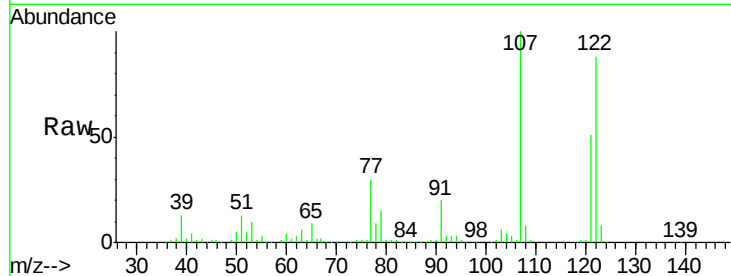
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.2	136.8
121	58.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.904 ng

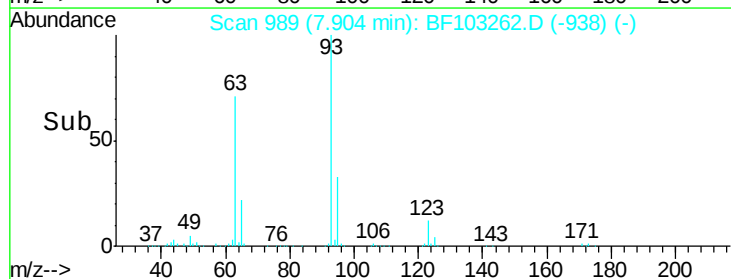
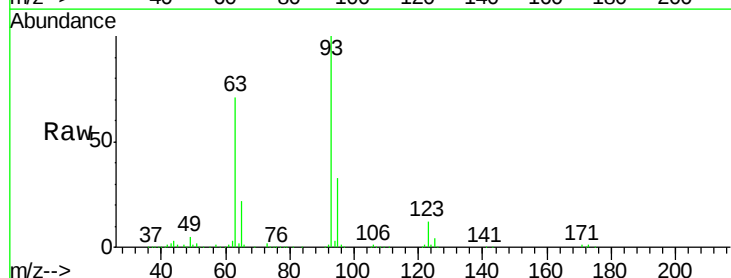
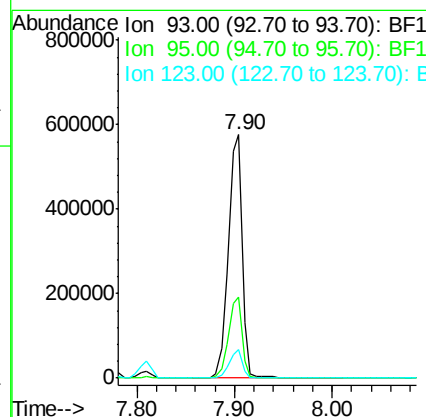
RT: 7.90 min Scan# 989

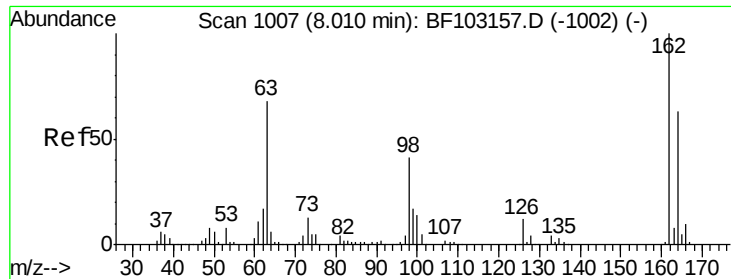
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.8	9.8	14.6





#29
 2,4-Dichlorophenol
 Concen: 44.819 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

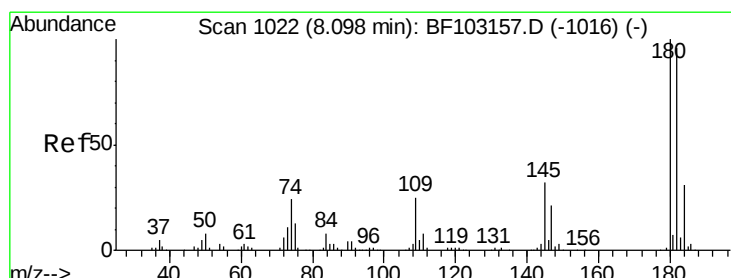
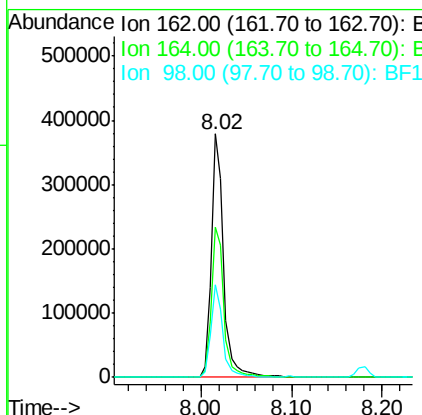
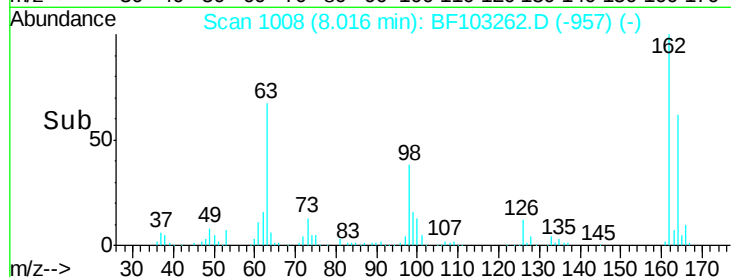
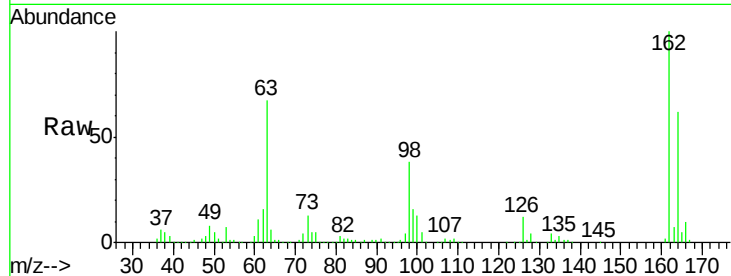
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

Tot Ion:	162	Resp:	362934
Ion Ratio	Lower	Upper	
162	100		
164	61.9	42.7	82.7
98	38.3	18.1	58.1

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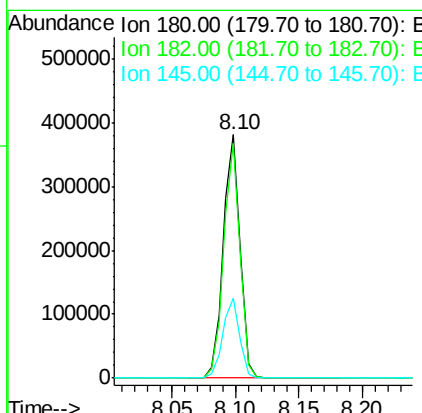
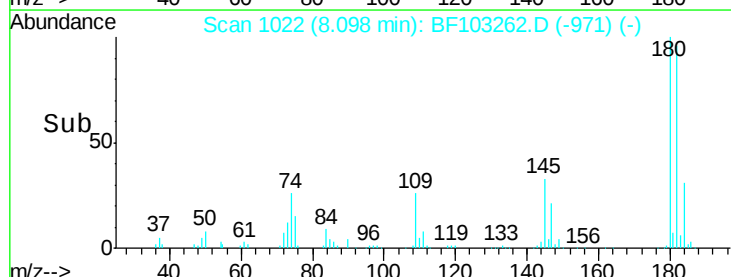
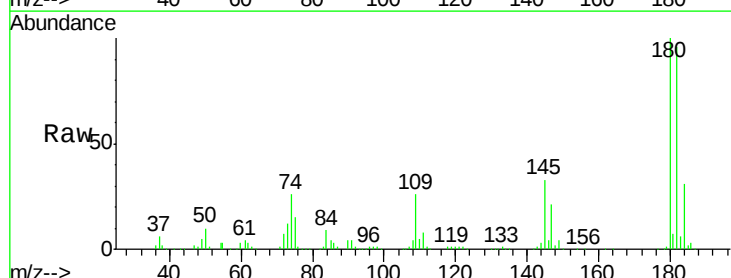
Sohil

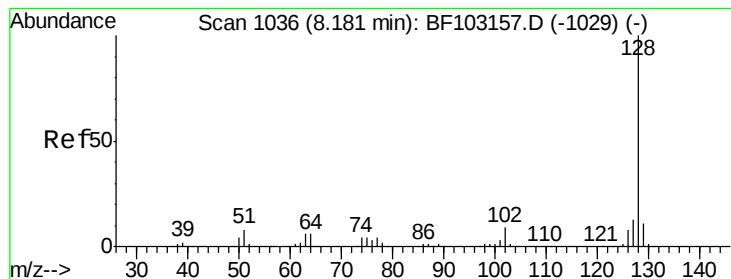
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.766 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:	180	Resp:	351540
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 40.860 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-AMSD

Tot Ion:128 Resp: 1219648

Ion Ratio Lower Upper

128 100

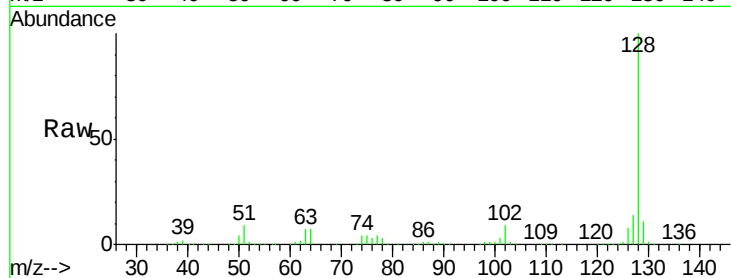
129 11.0 8.8 13.2

127 13.8 10.9 16.3

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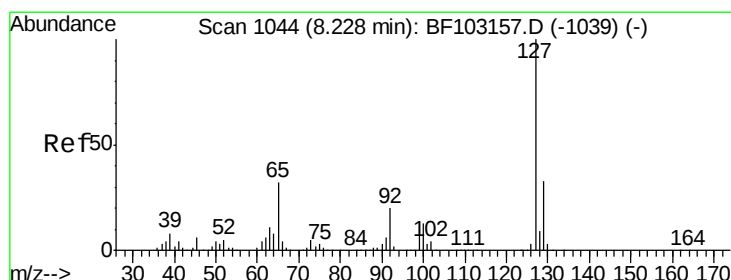
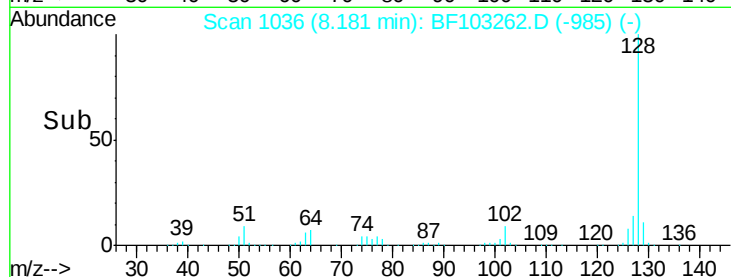
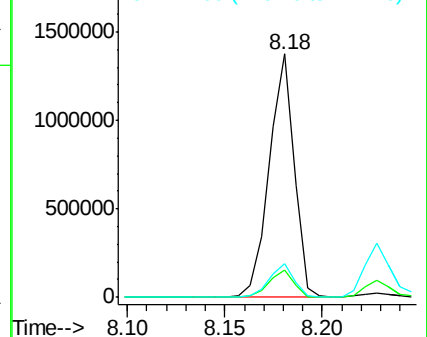
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 23.849 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:127 Resp: 307189

Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 33.0 25.0 37.4

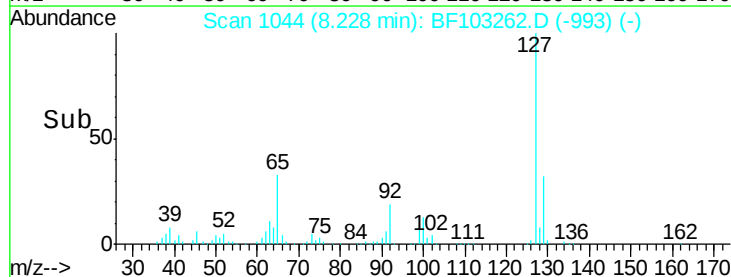
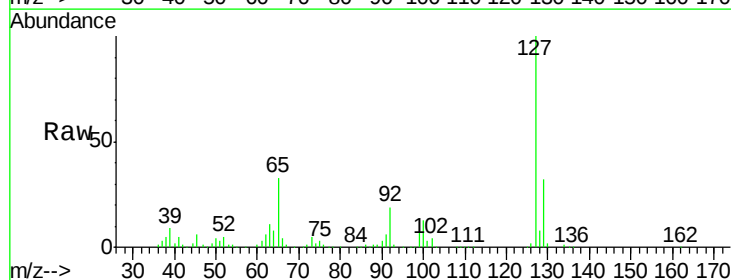
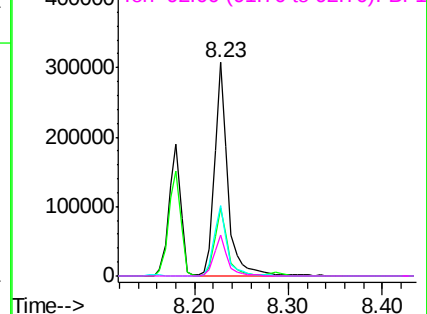
92 19.2 15.2 22.8

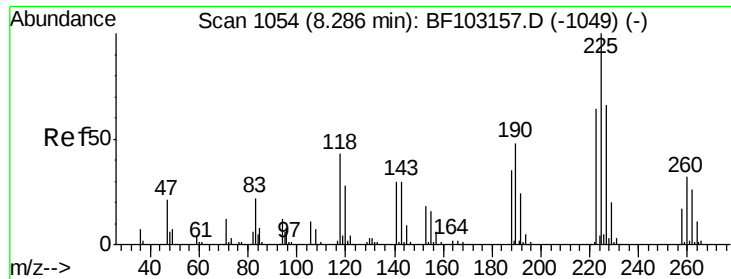
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 39.268 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

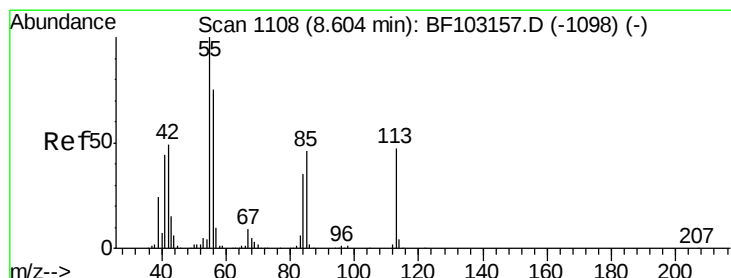
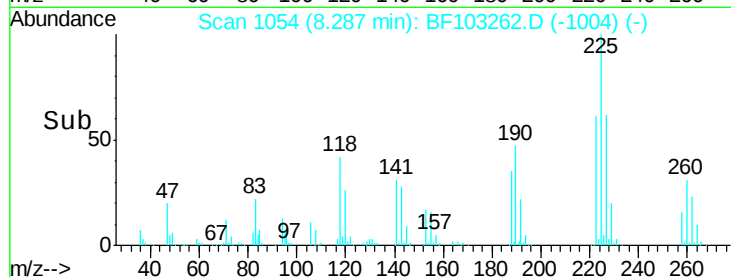
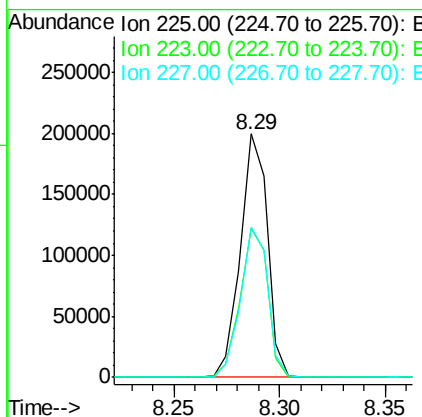
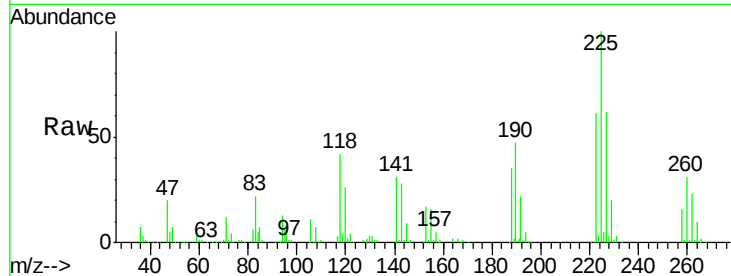
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion:	225	Resp:	176333
Ion Ratio	Lower	Upper	
225	100		
223	60.9	50.6	76.0
227	61.7	51.9	77.9

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#35

Caprolactam

Concen: 45.459 ng m

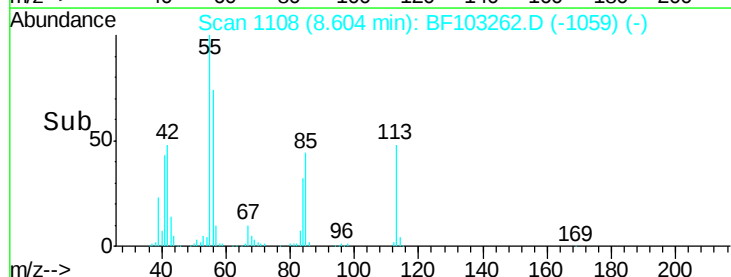
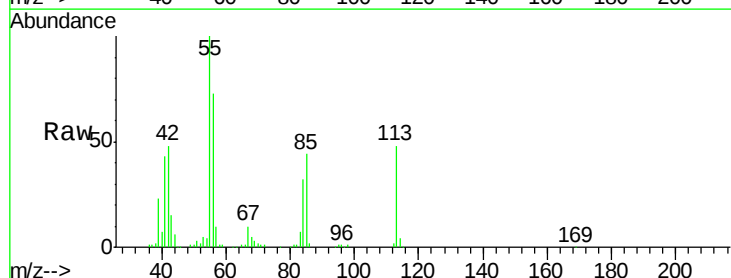
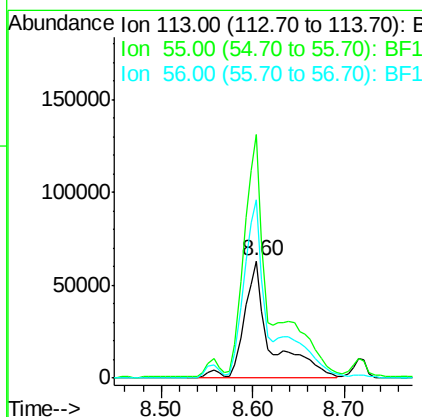
RT: 8.60 min Scan# 1108

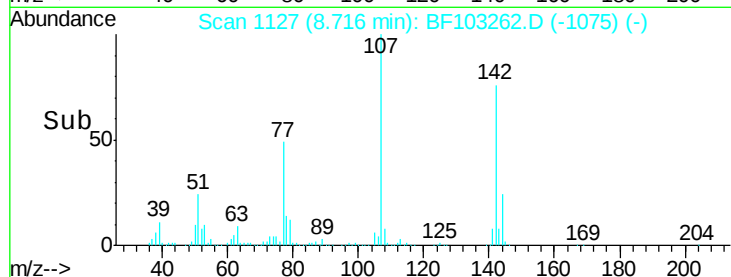
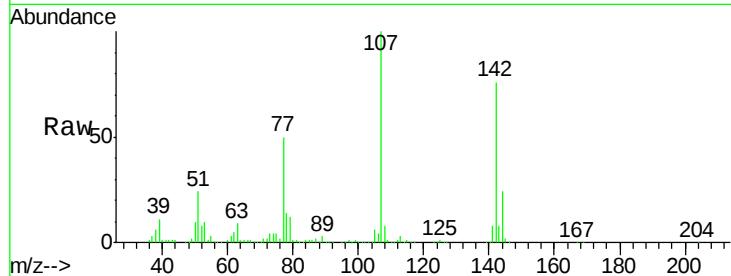
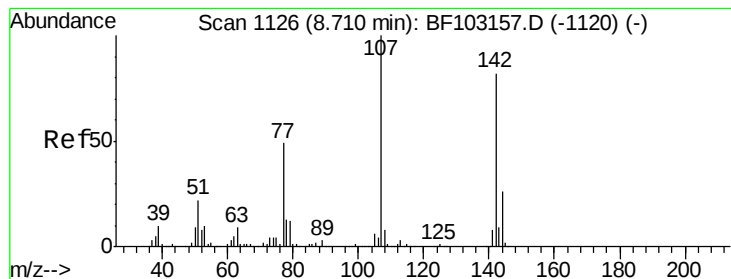
Delta R.T. -0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	113	Resp:	129377
Ion Ratio	Lower	Upper	
113	100		
55	207.5	163.3	203.3#
56	152.3	115.7	155.7





#36

4-Chloro-3-methylphenol

Concen: 44.590 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tot Ion:	107	Resp:	407268
Ion Ratio	Lower	Upper	
107	100		
144	24.5	20.5	30.7
142	76.4	62.0	93.0

Instrument :

BNA_F

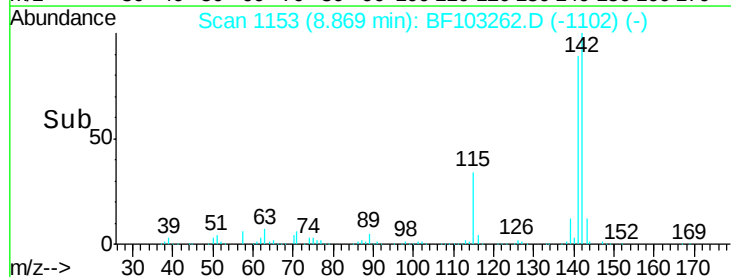
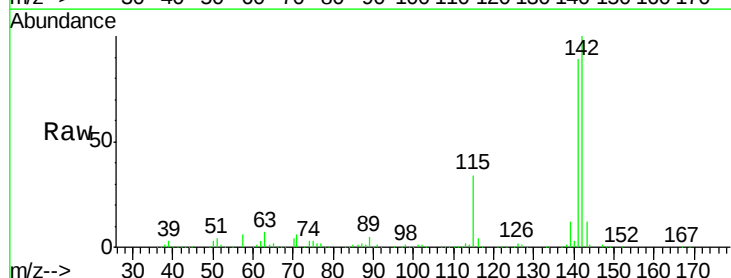
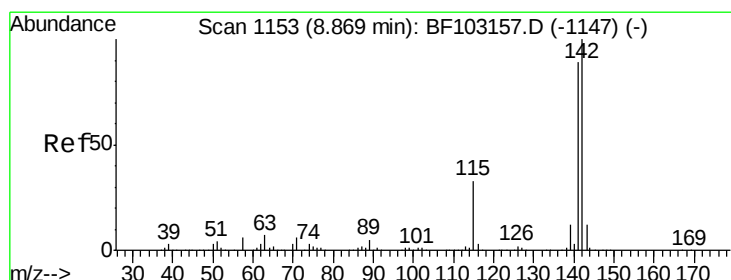
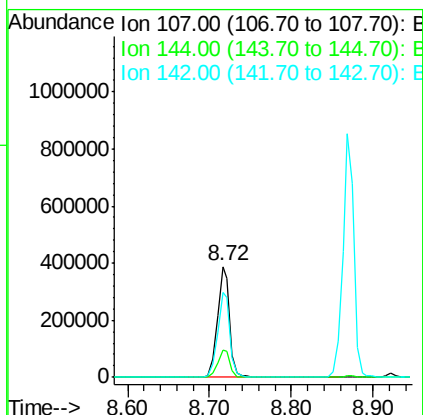
ClientSampleId :

FK-SF-03-003-AMSD

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#37

2-Methylnaphthalene

Concen: 41.402 ng

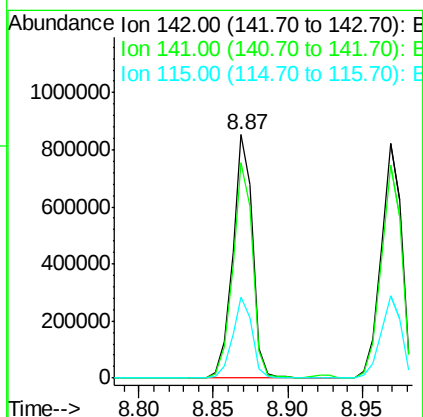
RT: 8.87 min Scan# 1153

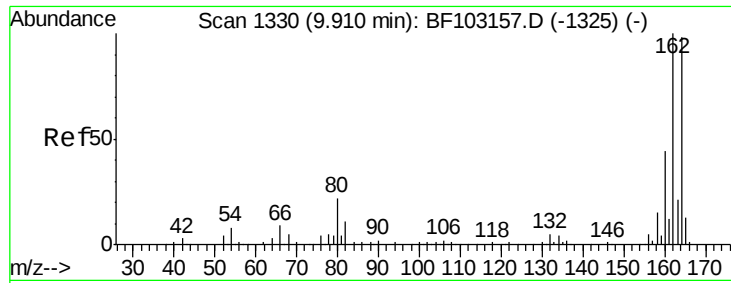
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	142	Resp:	798684
Ion Ratio	Lower	Upper	
142	100		
141	88.6	70.8	106.2
115	33.6	26.1	39.1





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

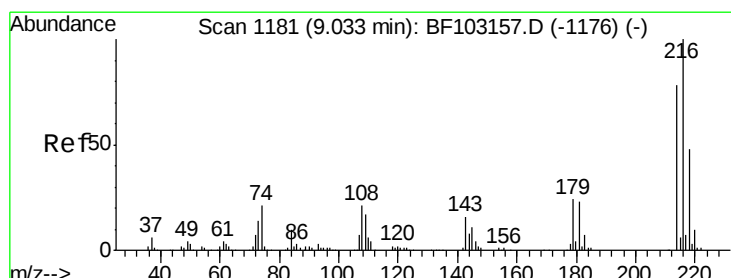
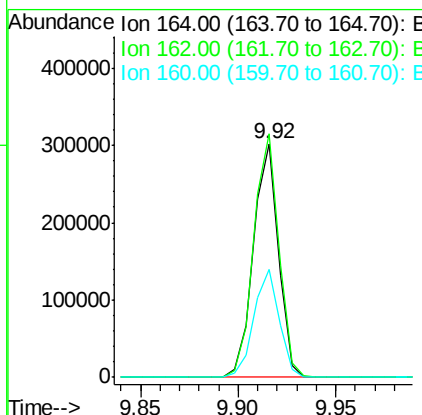
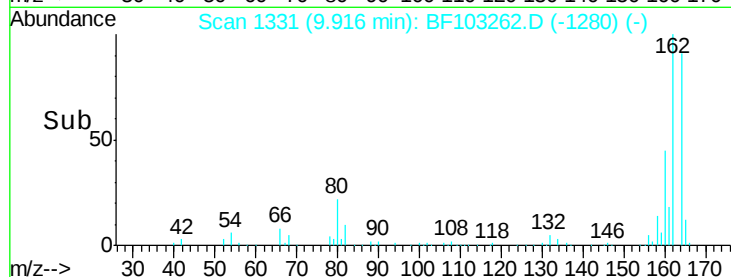
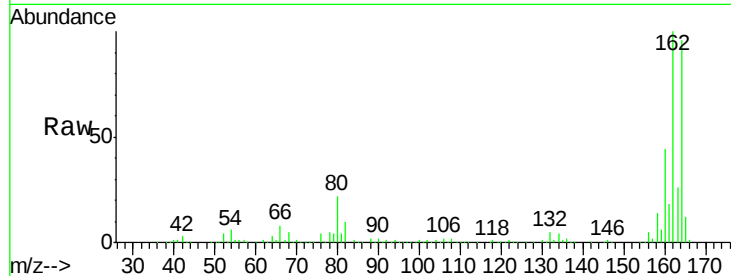
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5

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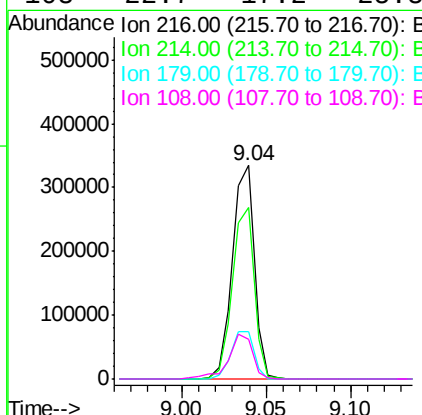
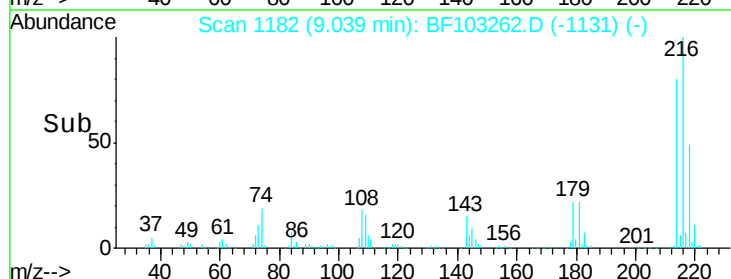
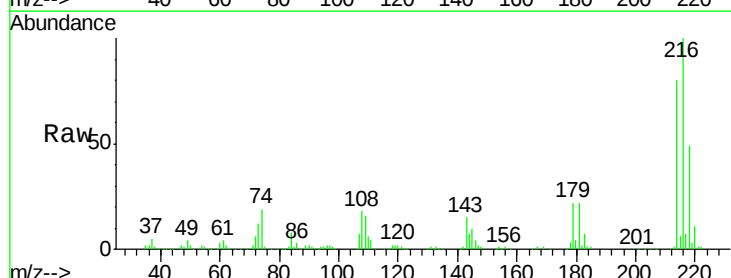
Sohil

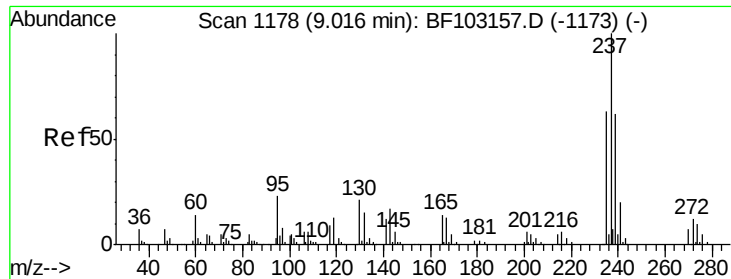
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.175 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	23.6	18.1	27.1
108	22.7	17.2	25.8





#40
Hexachlorocyclopentadiene
Concen: 49.305 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

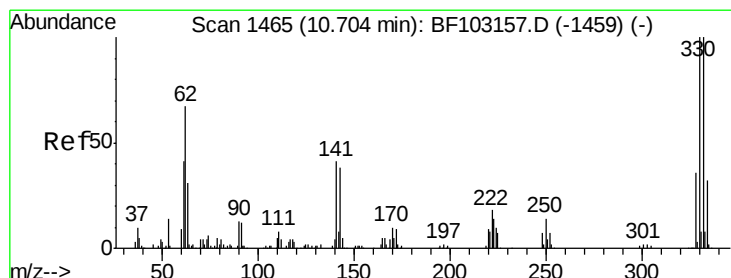
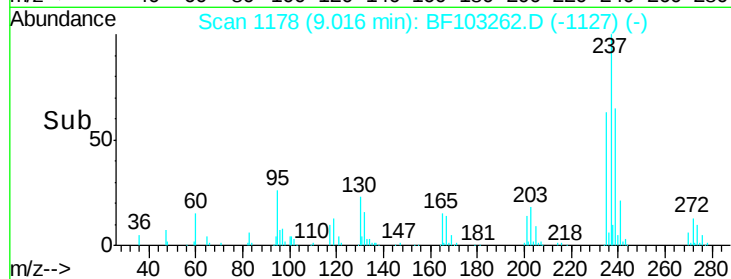
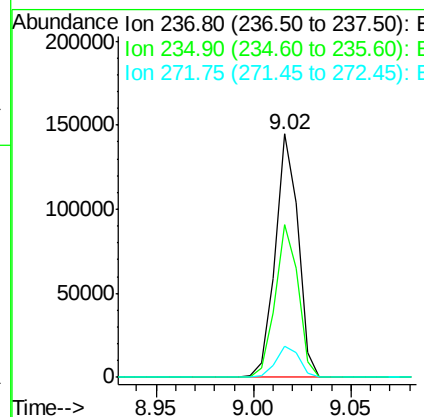
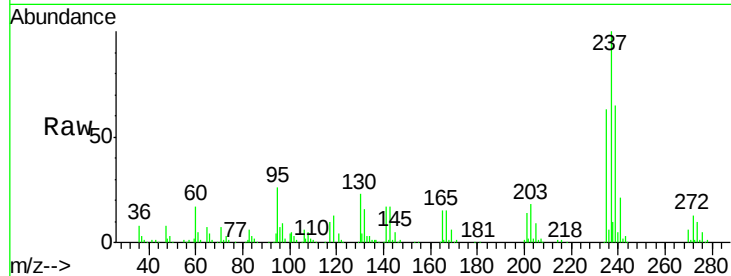
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	44.8	84.8
272	12.7	0.0	33.3

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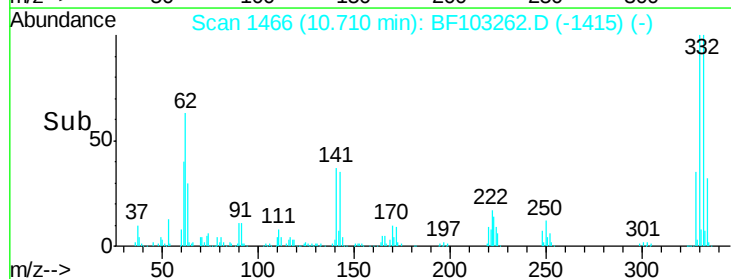
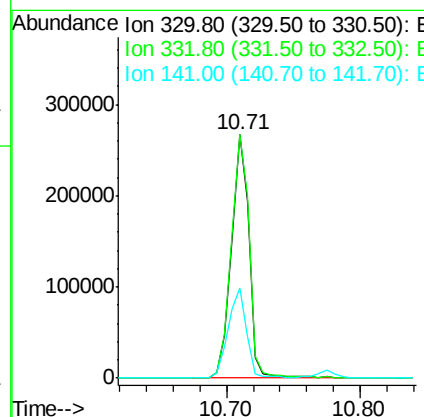
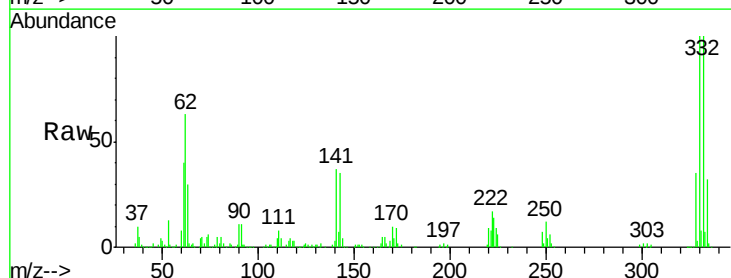
Sohil

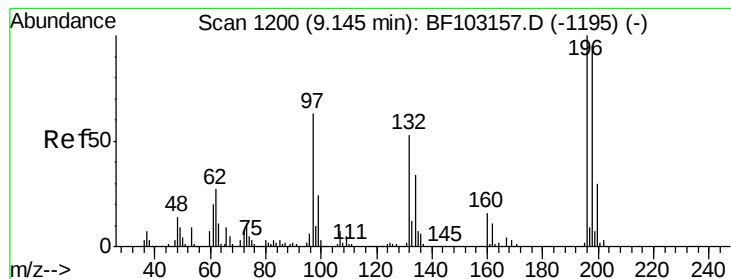
2/28/2018 11:17:36 AM



#41
2,4,6-Tribromophenol
Concen: 111.126 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	102.6	77.0	115.6
141	38.6	29.9	44.9





#42

2,4,6-Trichlorophenol

Concen: 44.162 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

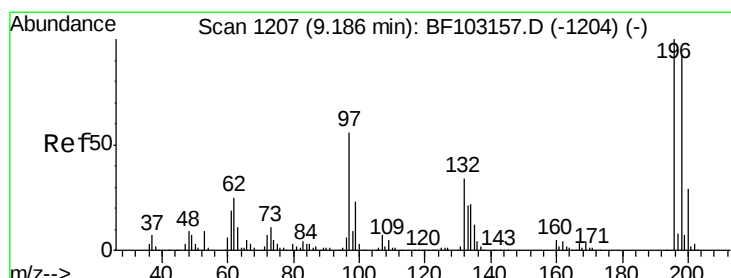
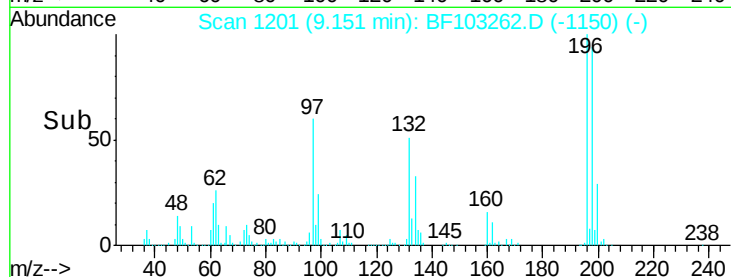
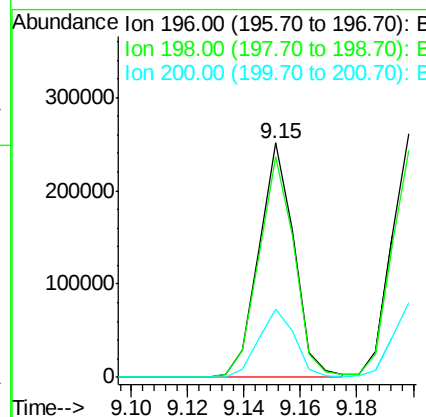
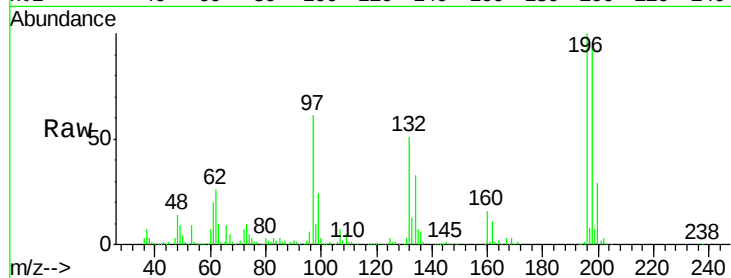
FK-SF-03-003-AMSD

Tot Ion:	196	Resp:	217640
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.7	113.5
200	29.4	24.5	36.7

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#43

2,4,5-Trichlorophenol

Concen: 41.219 ng

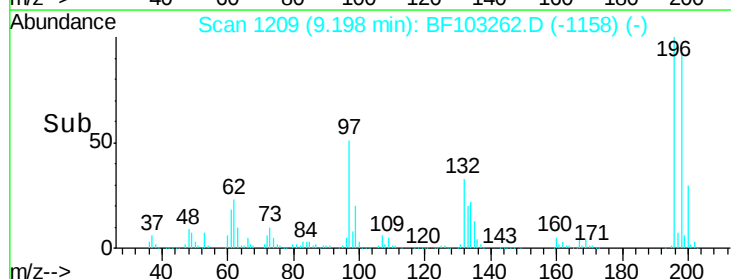
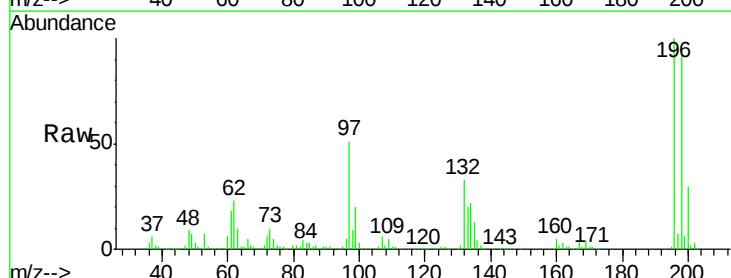
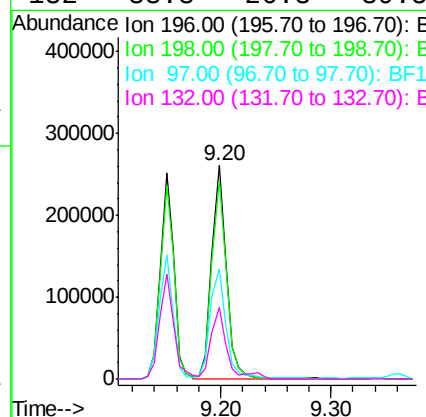
RT: 9.20 min Scan# 1209

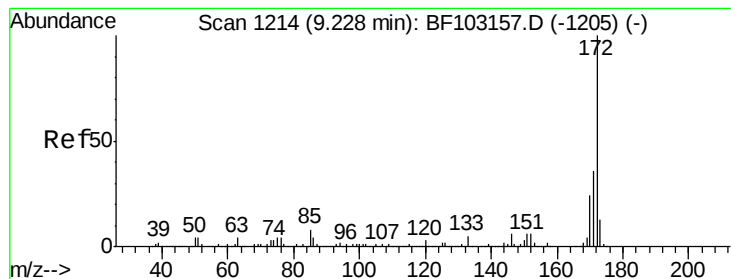
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	196	Resp:	233633
Ion Ratio	Lower	Upper	
196	100		
198	93.2	74.6	112.0
97	51.4	42.9	64.3
132	33.3	26.3	39.5





#44
2-Fluorobiphenyl
Concen: 85.748 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

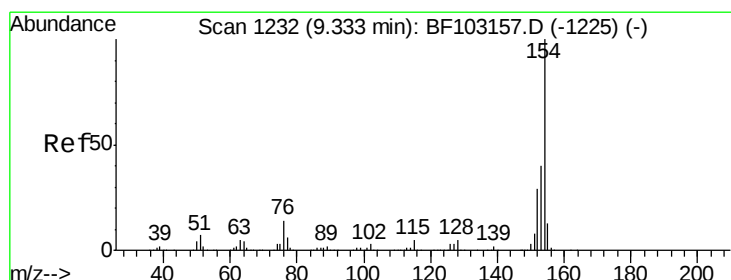
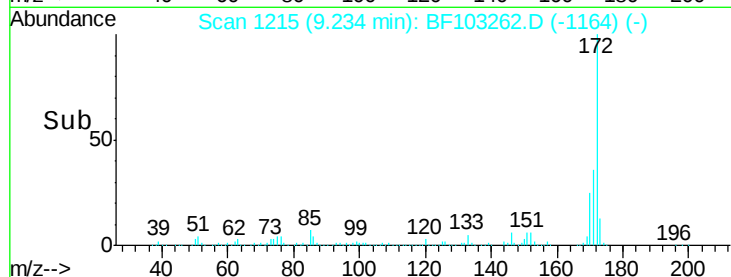
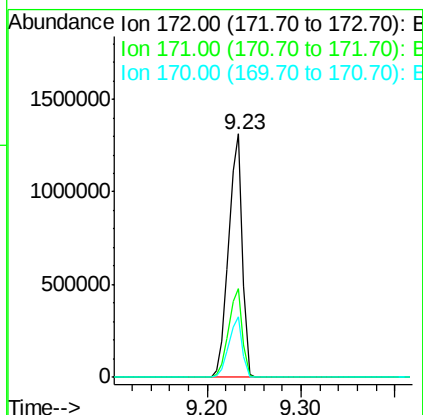
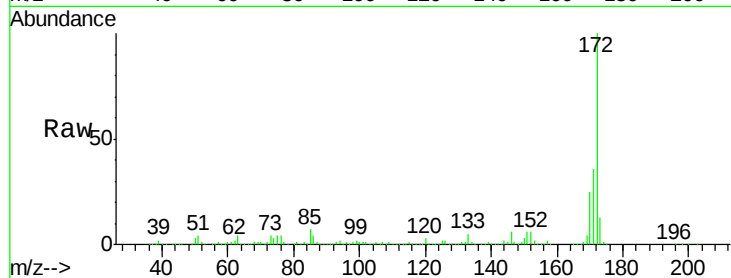
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

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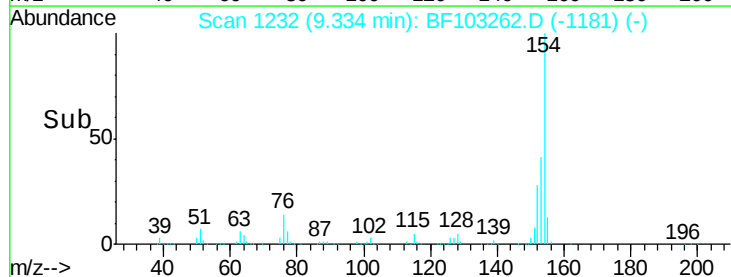
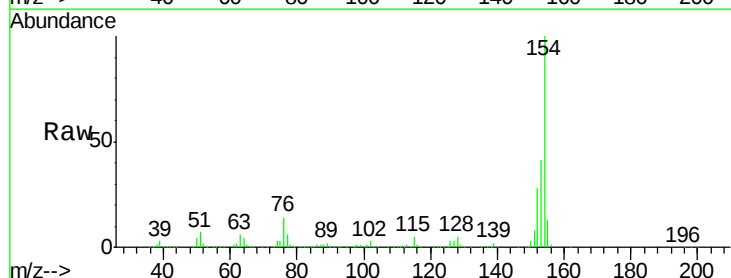
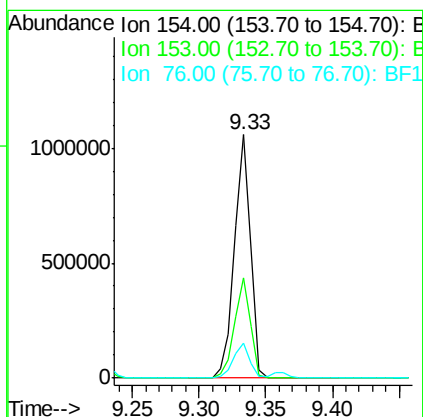
Sohil

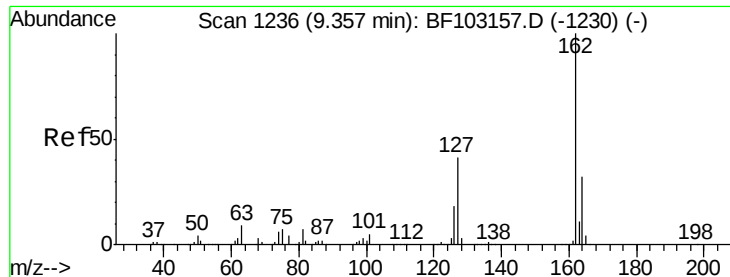
2/28/2018 11:17:36 AM



#45
1,1'-Biphenyl
Concen: 40.325 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	14.4	0.0	34.0





#46
 2-Chloronaphthalene
 Concen: 40.778 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

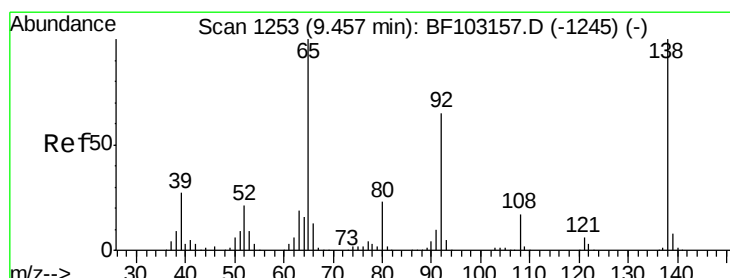
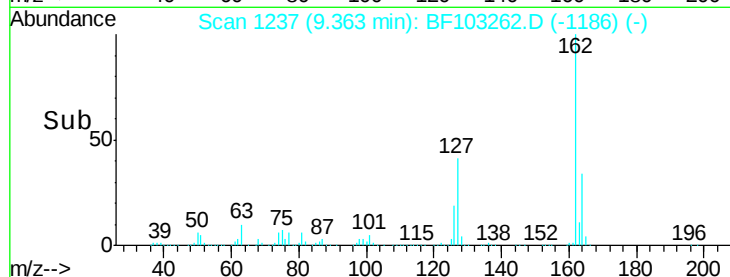
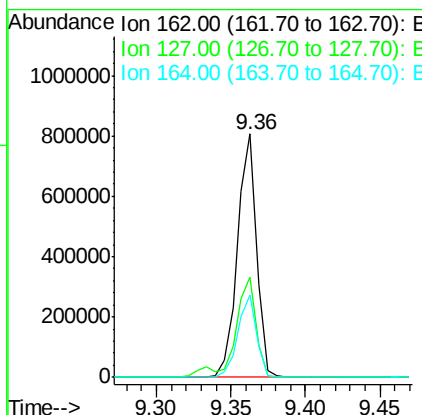
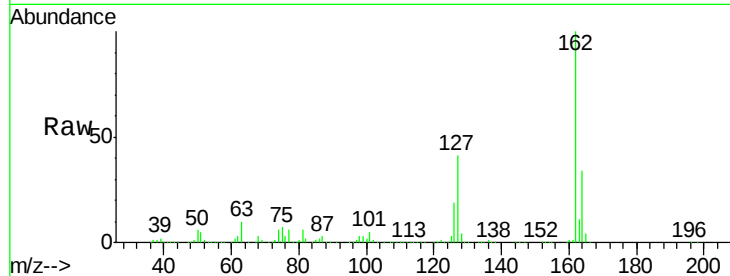
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

Tot Ion:	162	Resp:	724242
Ion Ratio	Lower	Upper	
162	100		
127	41.3	33.9	50.9
164	33.7	26.5	39.7

Manual Integrations
 APPROVED

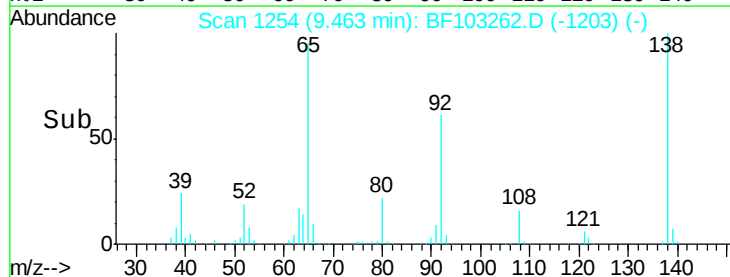
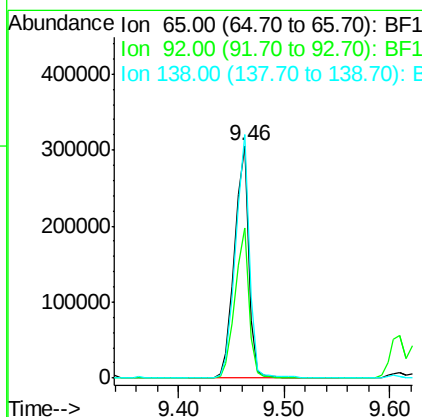
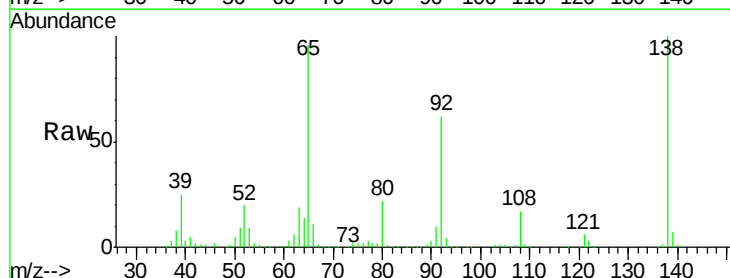
Sohil

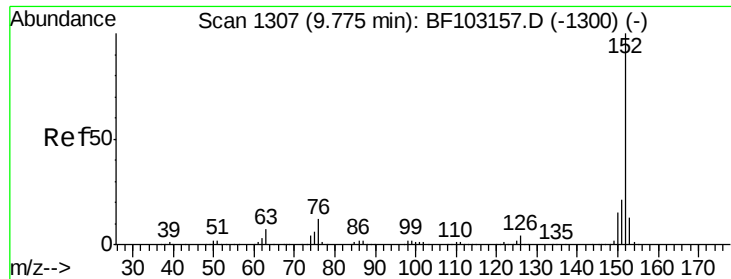
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#47
 2-Nitroaniline
 Concen: 43.383 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion:	65	Resp:	285406
Ion Ratio	Lower	Upper	
65	100		
92	64.3	55.8	83.6
138	104.6	91.2	136.8





#48

Acenaphthylene

Concen: 39.608 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

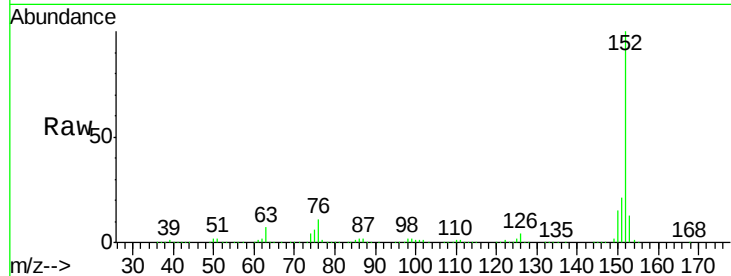
FK-SF-03-003-AMSD

Tot Ion:	152	Resp:	1082336
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.3	10.7	16.1

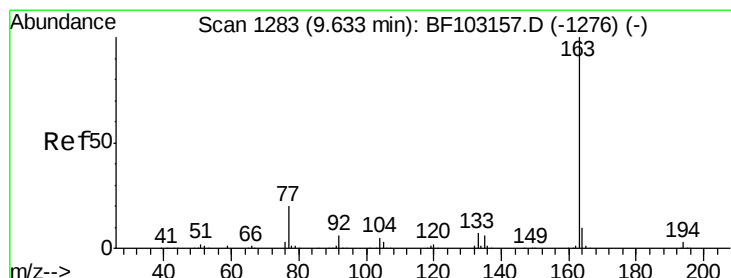
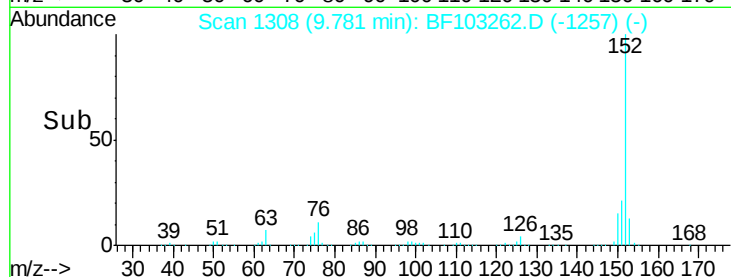
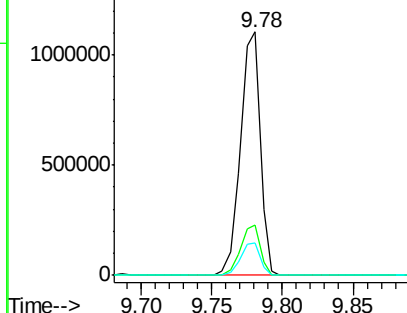
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.237 ng

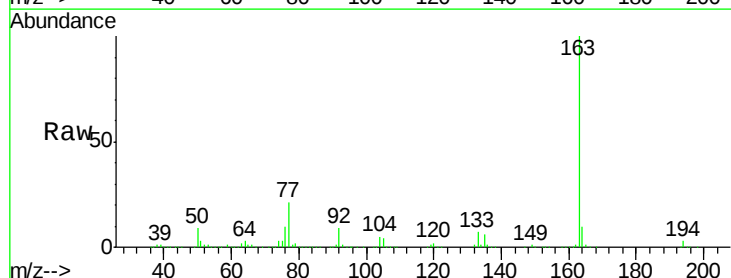
RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

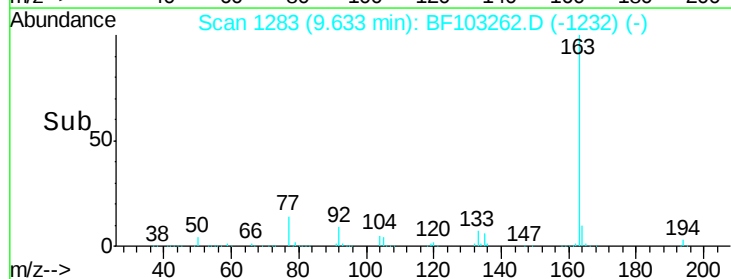
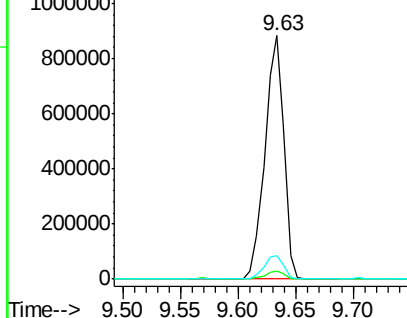
Lab File: BF103262.D

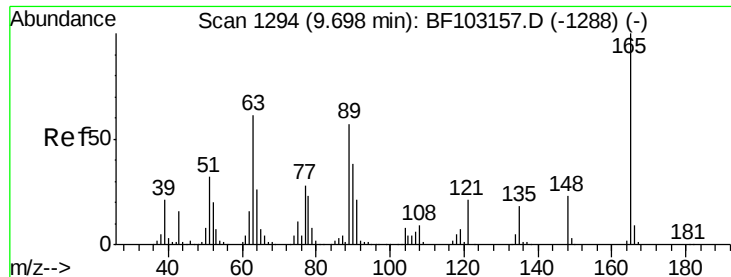
Acq: 27 Feb 2018 14:55

Tgt Ion:	163	Resp:	1015215
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2



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





#50
2,6-Dinitrotoluene
Concen: 43.295 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

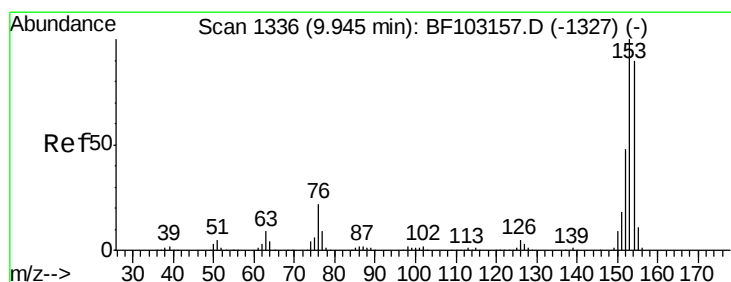
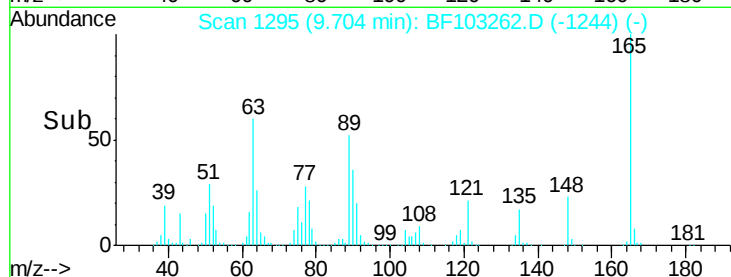
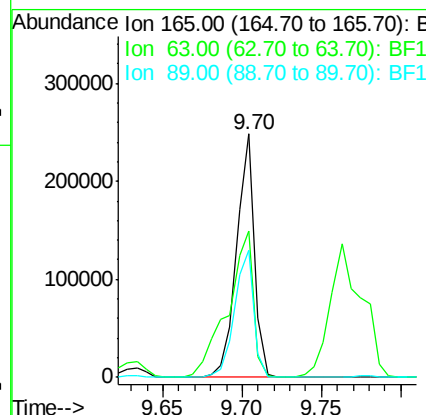
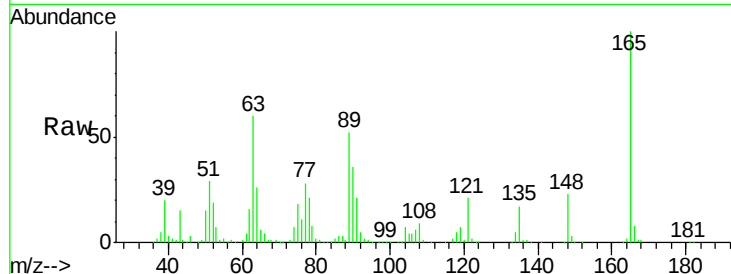
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion:	165	Resp:	195267
Ion Ratio	Lower	Upper	
165	100		
63	60.1	44.7	67.1
89	52.5	44.0	66.0

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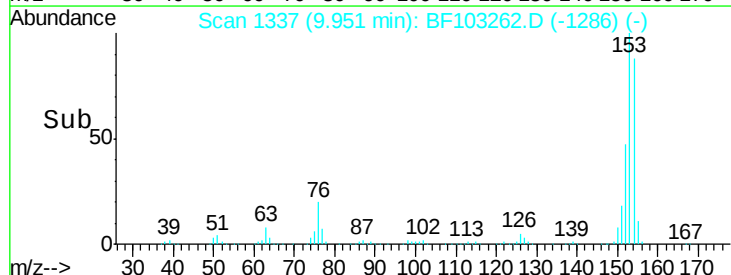
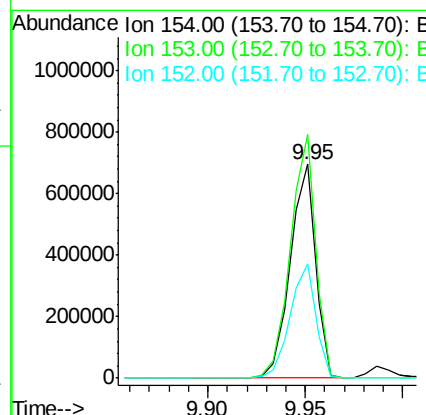
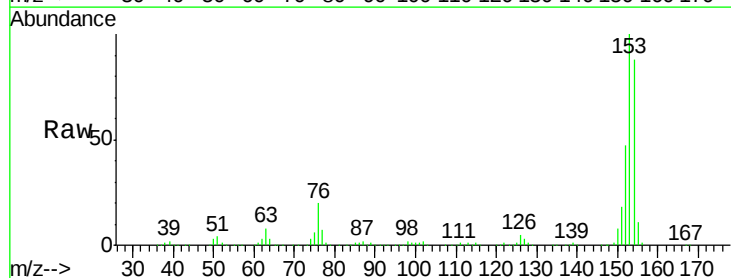
Sohil

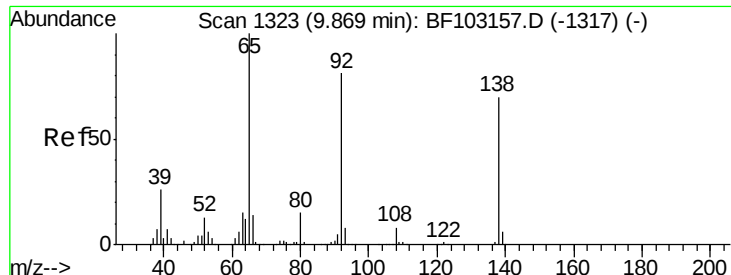
2/28/2018 11:17:36 AM



#51
Acenaphthene
Concen: 39.332 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion:	154	Resp:	626721
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	53.3	43.8	65.8





#52
3-Nitroaniline
Concen: 31.987 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

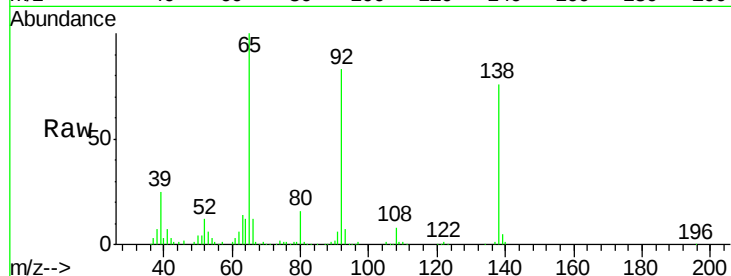
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	109.9	89.4	134.2

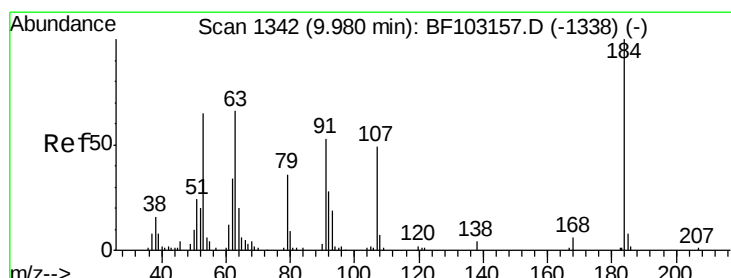
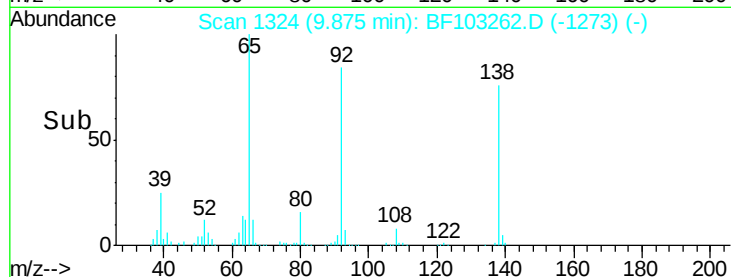
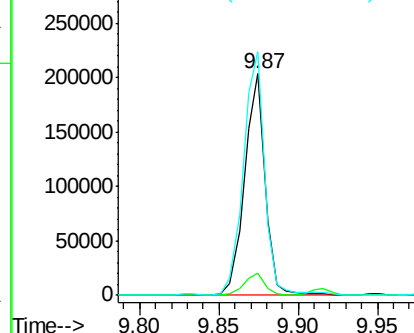
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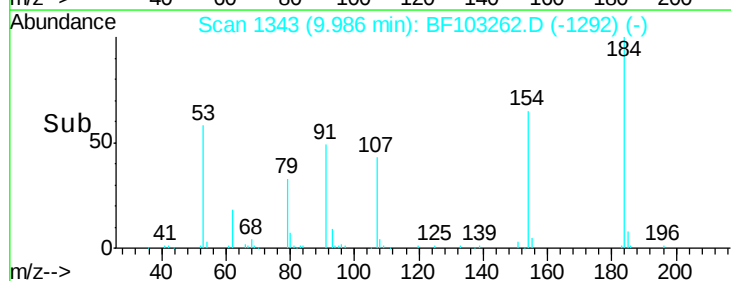
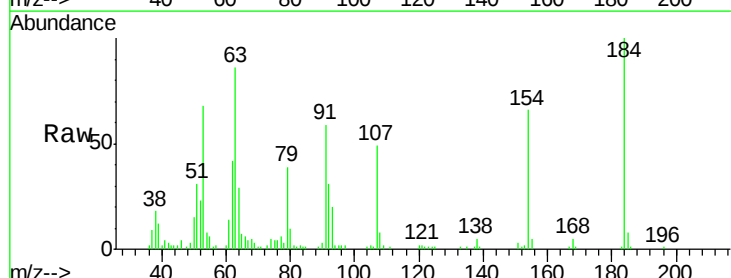
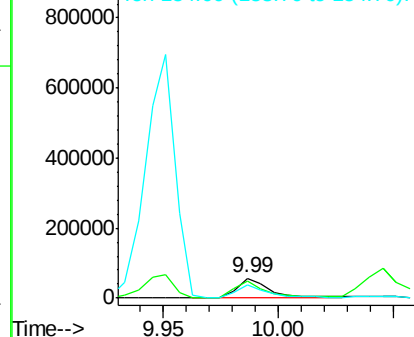
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

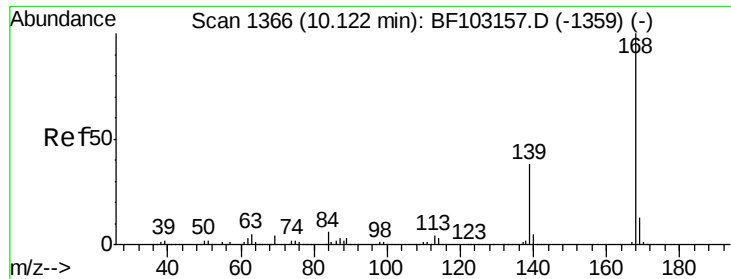


#53
2,4-Dinitrophenol
Concen: 40.213 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.7	54.2	81.2#
154	66.0	184.0	276.0#

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#54
Dibenzenofuran
Concen: 41.793 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

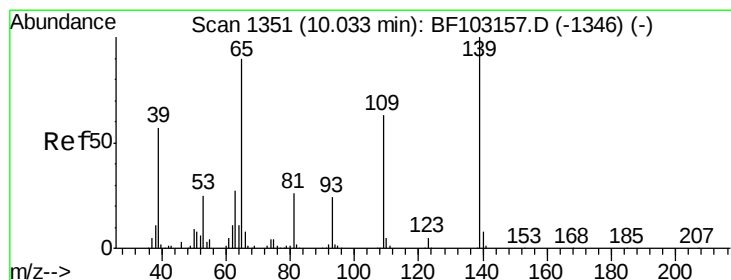
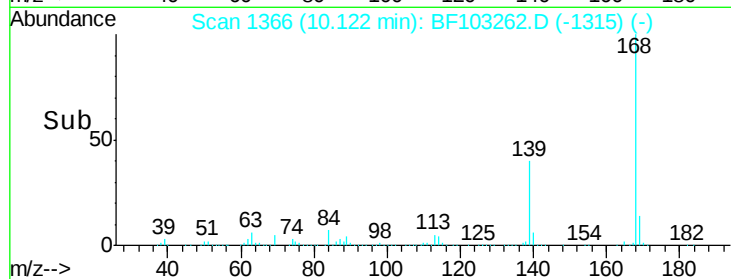
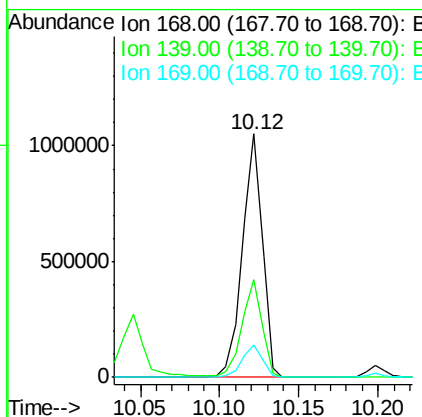
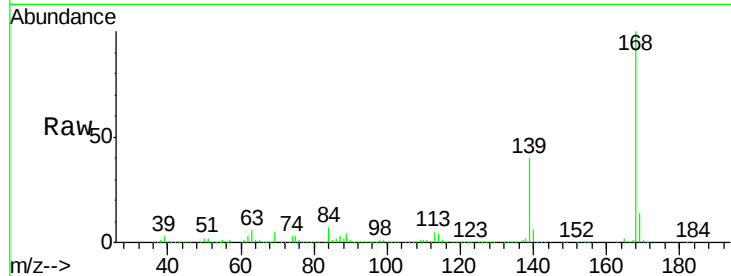
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	13.6	10.9	16.3

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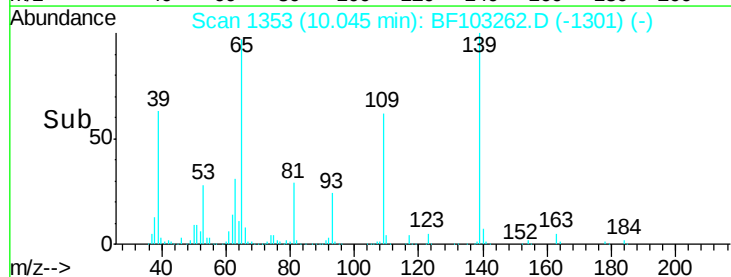
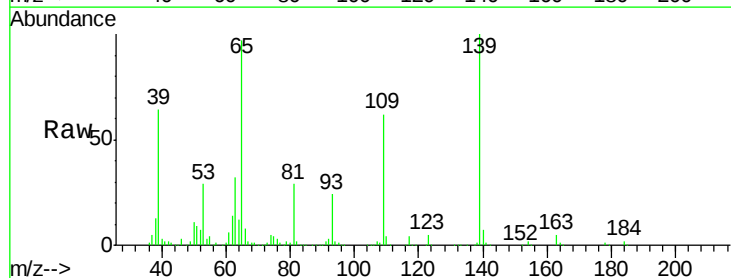
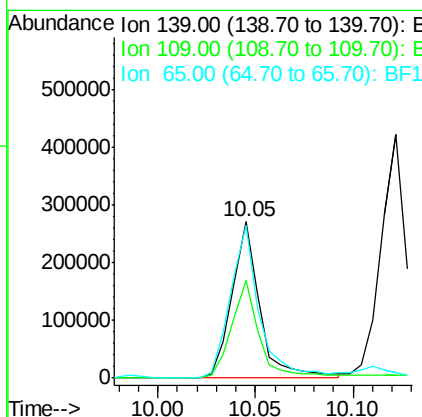
Sohil

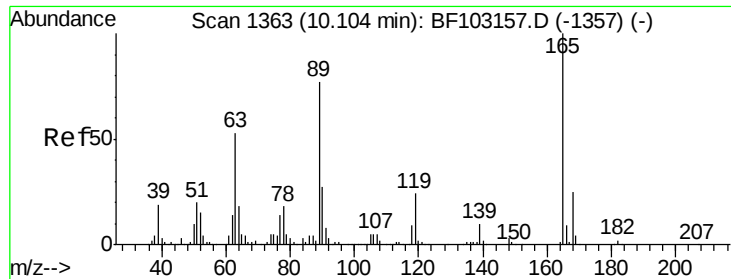
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#55
4-Nitrophenol
Concen: 76.247 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	48.4	88.4
65	97.5	72.6	112.6





#56
2,4-Dinitrotoluene
Concen: 42.517 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

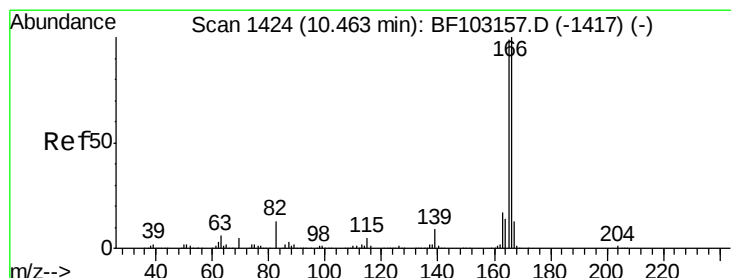
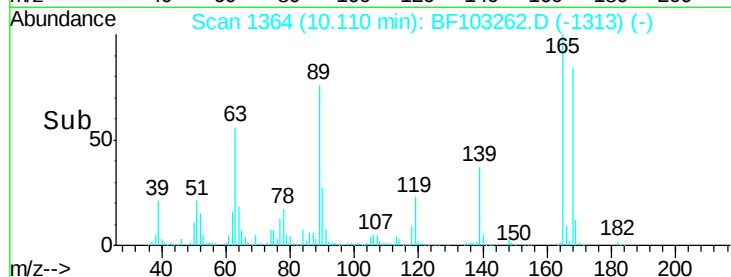
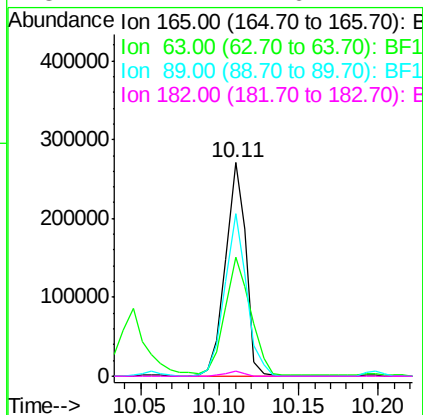
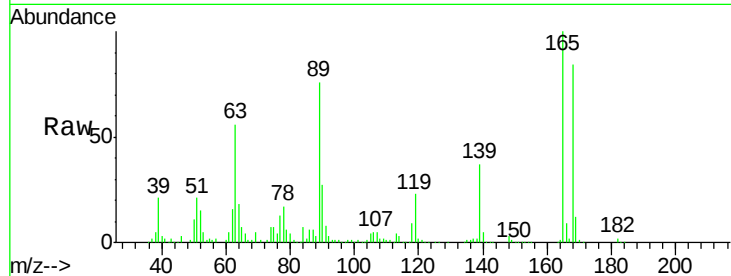
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242522		
63	55.9	36.4	54.6#	
89	76.0	57.8	86.6	
182	2.2	1.6	2.4	

Manual Integrations
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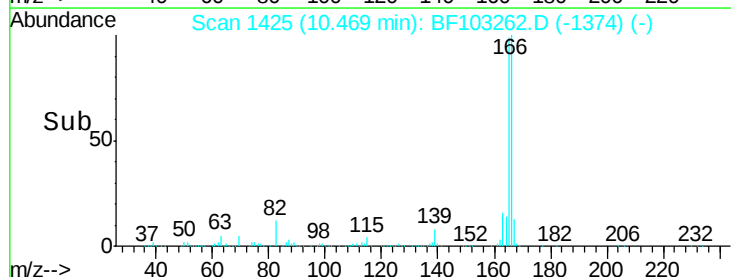
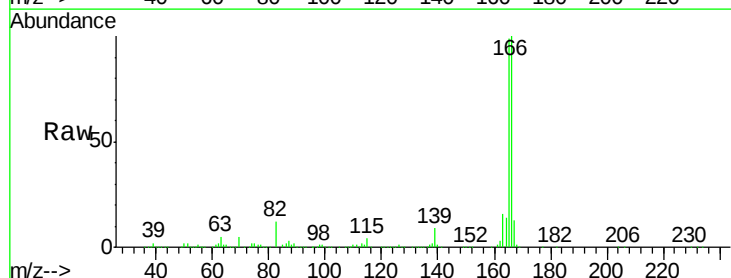
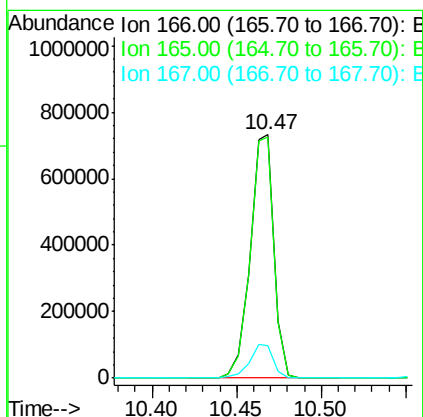
Sohil

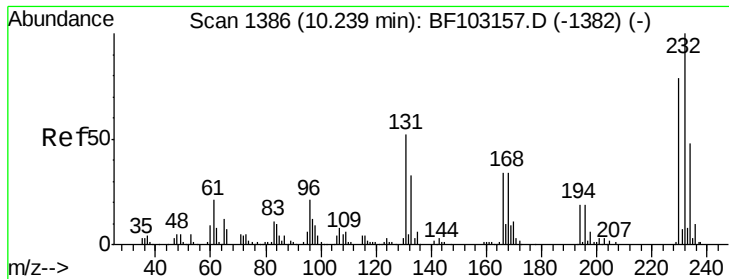
2/28/2018 11:17:36 AM



#57
Fluorene
Concen: 38.495 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	717296		
165	98.9	79.8	119.8	
167	13.1	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 43.474 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-AMSD

Tot Ion:232 Resp: 165534

Ion Ratio Lower Upper

232 100

131 56.3 43.8 65.8

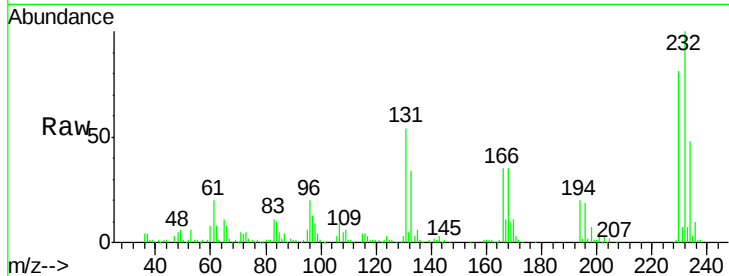
130 2.7 2.1 3.1

166 35.9 27.8 41.6

Manual Integrations
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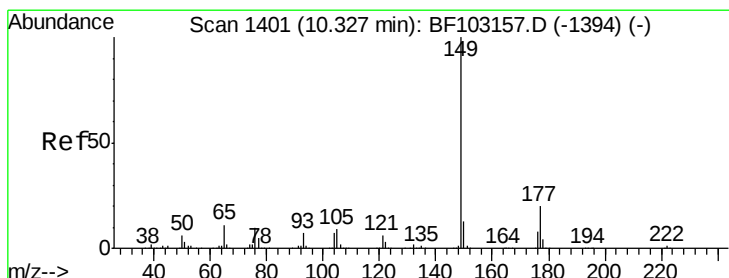
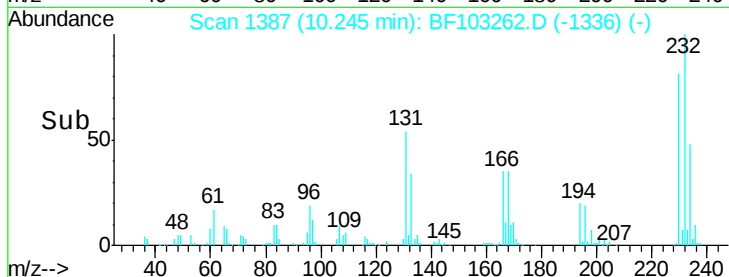
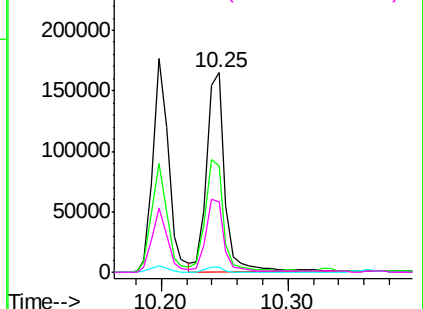


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.141 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:149 Resp: 845673

Ion Ratio Lower Upper

149 100

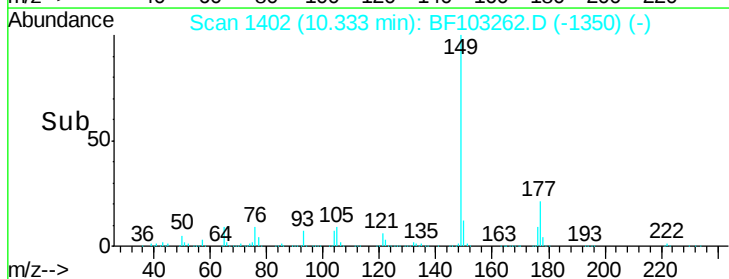
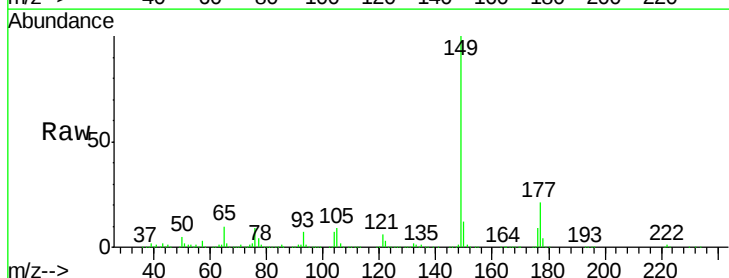
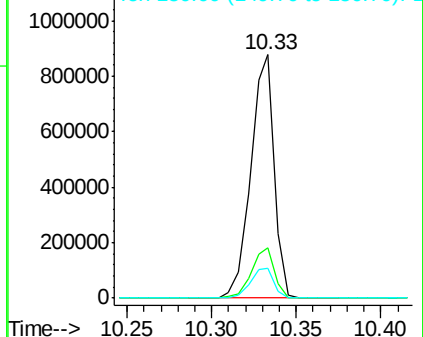
177 20.9 16.1 24.1

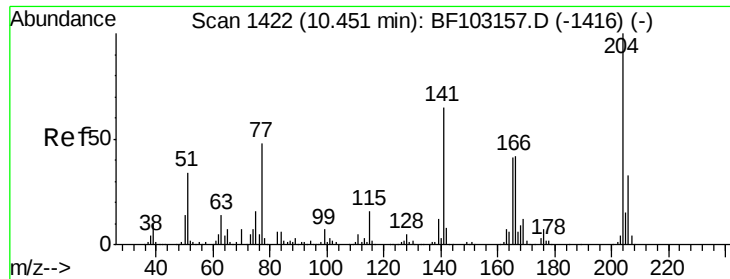
150 12.1 10.1 15.1

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60
4-Chlorophenyl-phenylether
Concen: 41.139 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

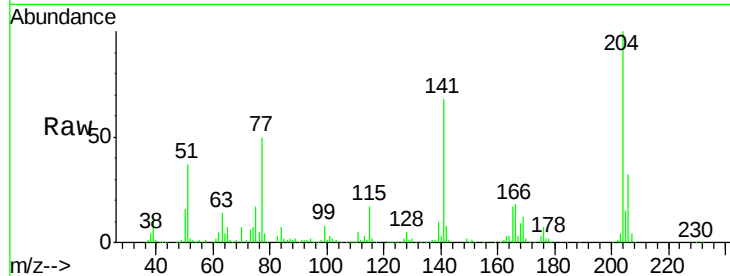
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	67.7	54.6	81.8

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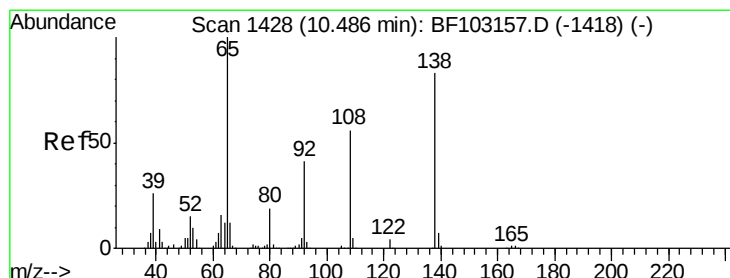
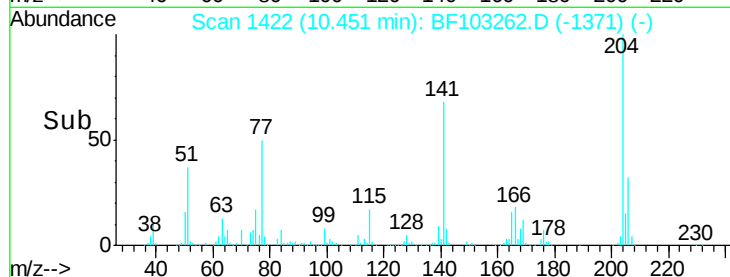
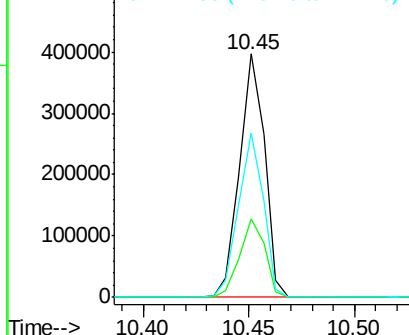


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 36.979 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

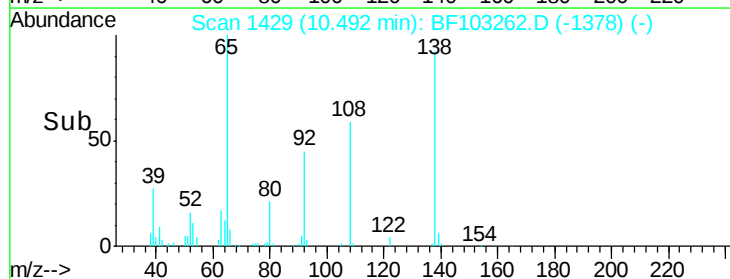
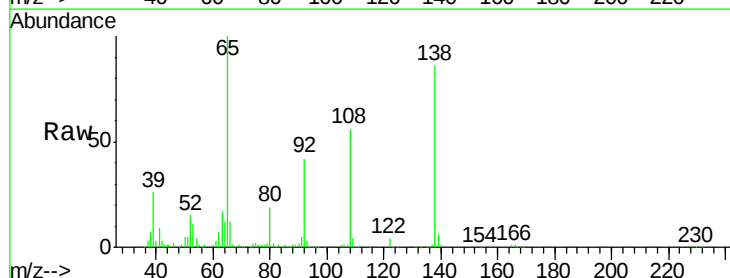
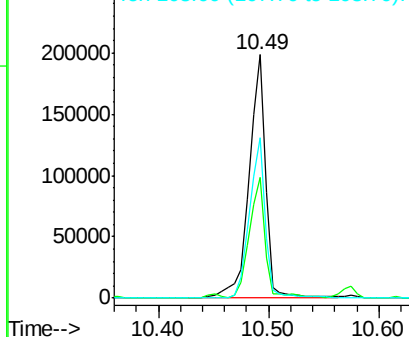
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.2	70.2
108	66.0	52.5	92.5

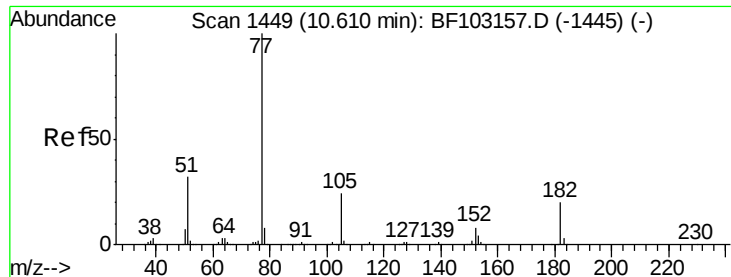
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#62
Azobenzene
Concen: 40.380 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

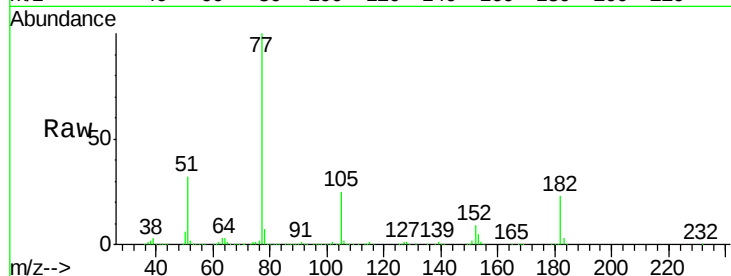
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	844875		
182	23.5	1.7	41.7	
105	24.6	3.0	43.0	
51	31.6	9.9	49.9	

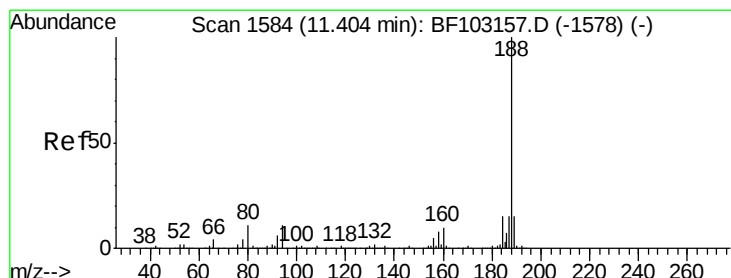
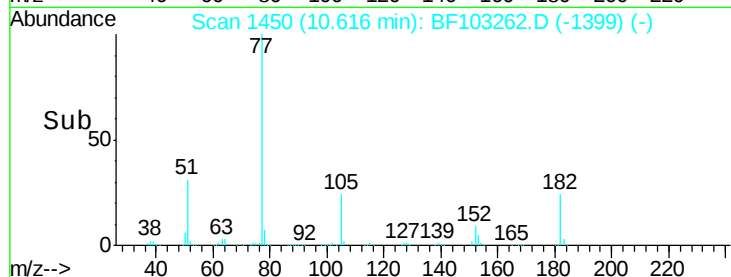
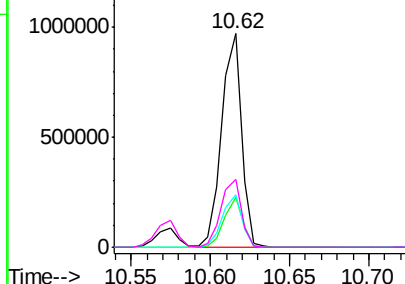
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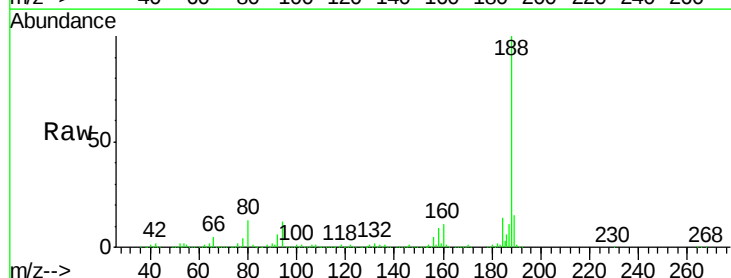


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

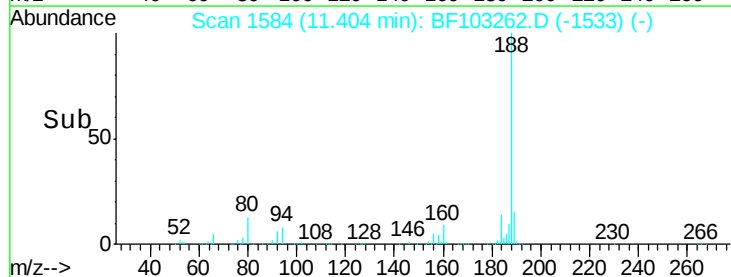
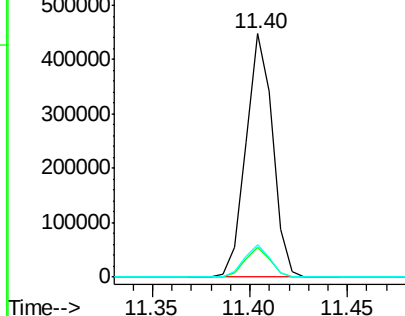


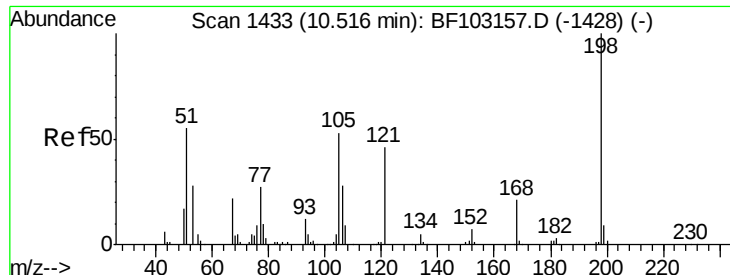
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	425177		
94	12.2	8.5	12.7	
80	13.2	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.489 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

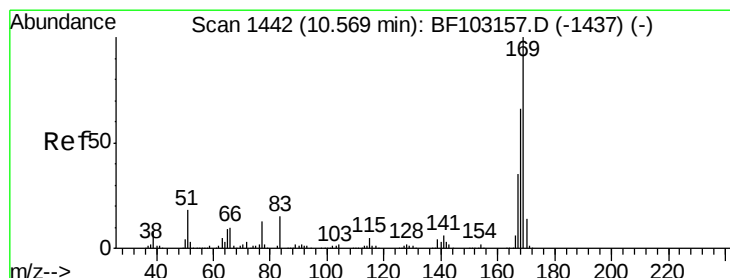
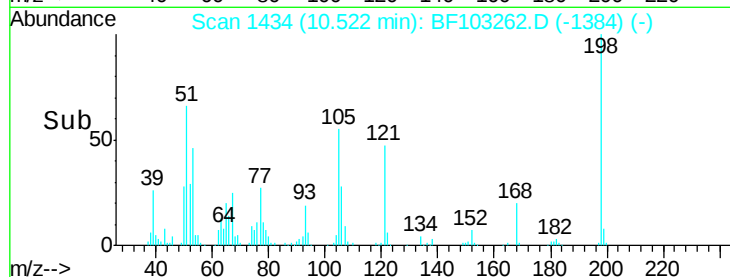
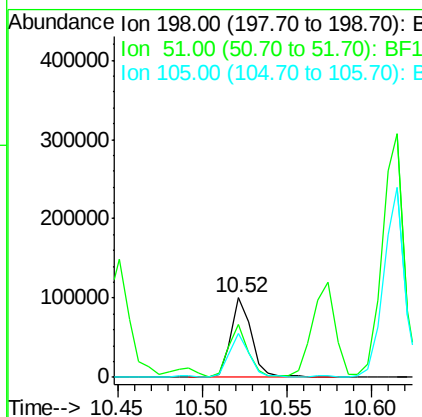
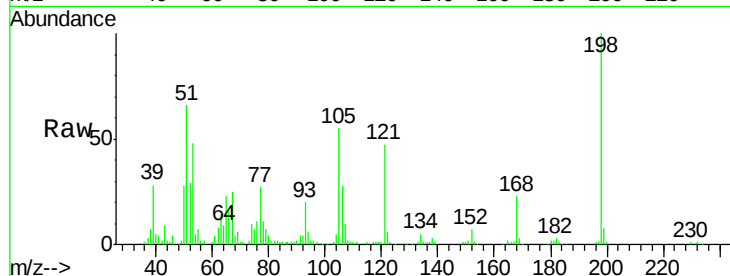
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	66.3	37.7	77.7
105	54.8	36.3	76.3

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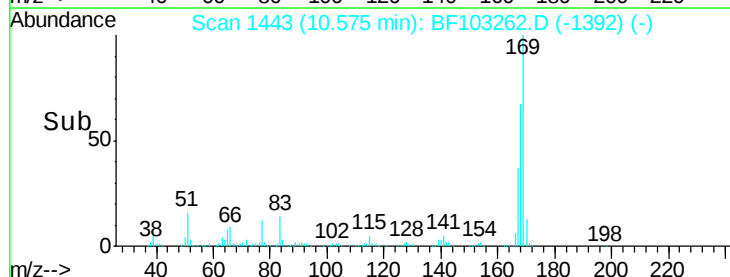
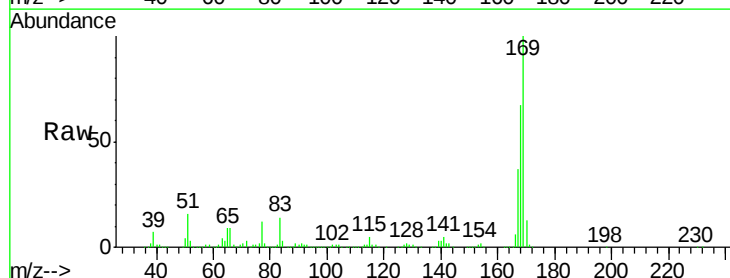
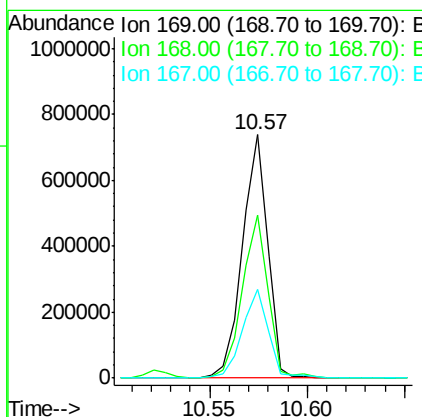
Sohil

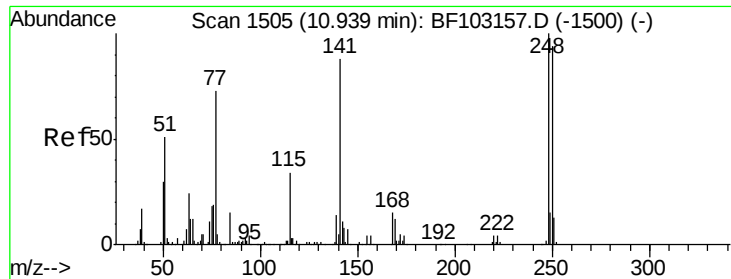
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#65
 n-Nitrosodiphenylamine
 Concen: 44.587 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.4	81.6
167	36.6	29.8	44.6





#66
4-Bromophenyl-phenylether
Concen: 44.095 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

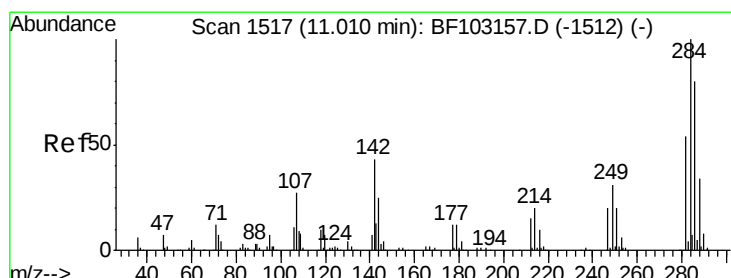
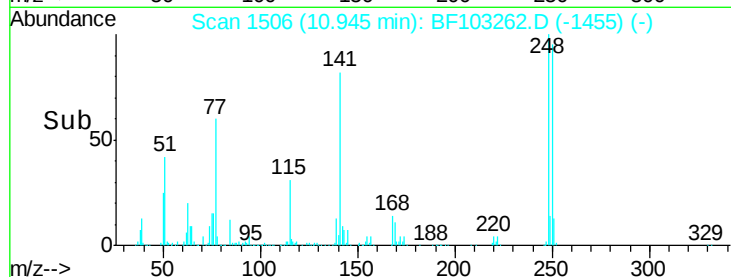
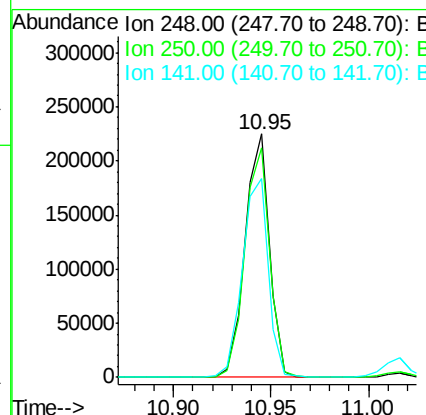
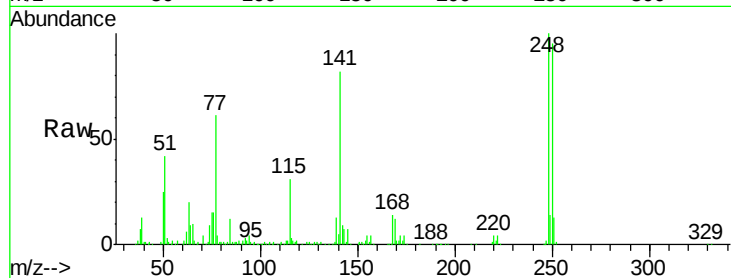
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.9	115.3
141	81.5	74.4	111.6

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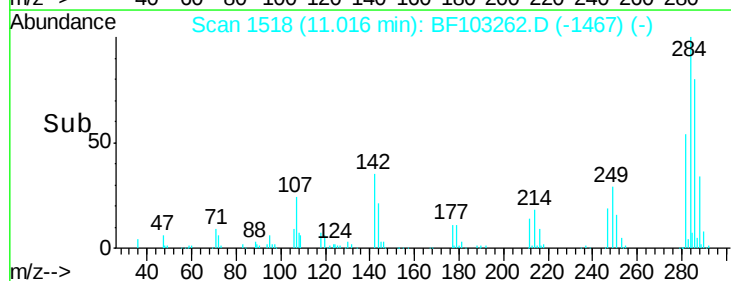
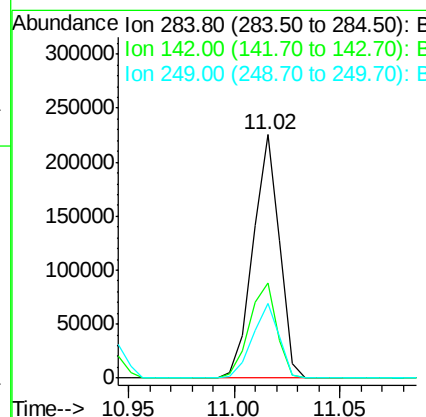
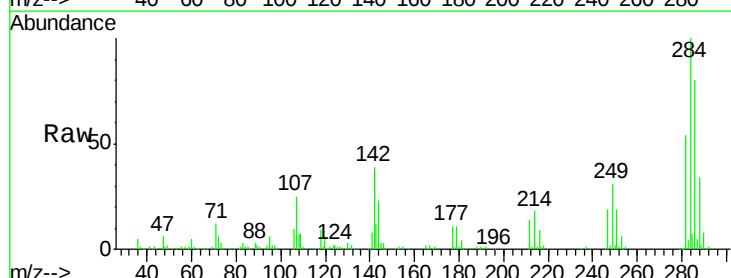
Sohil

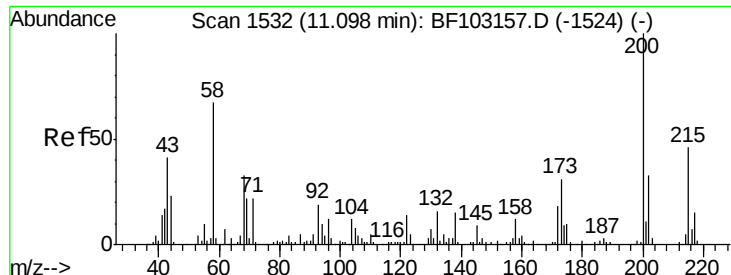
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#67
Hexachlorobenzene
Concen: 40.725 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	34.6	52.0
249	30.7	24.8	37.2





#68
 Atrazine
 Concen: 45.152 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

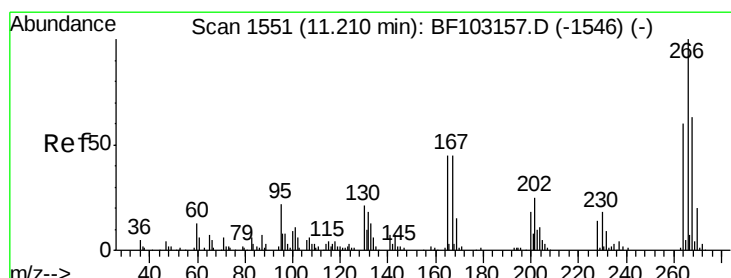
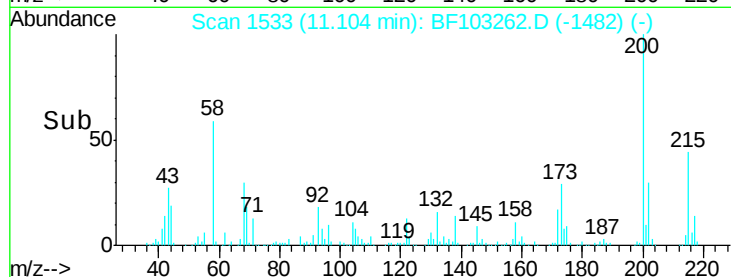
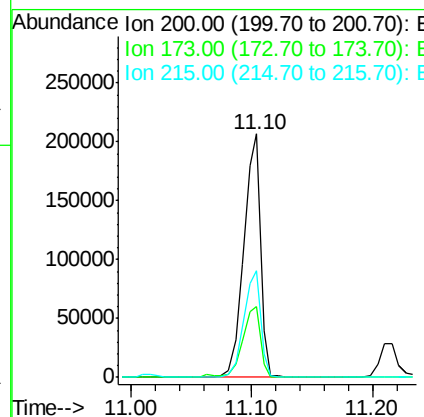
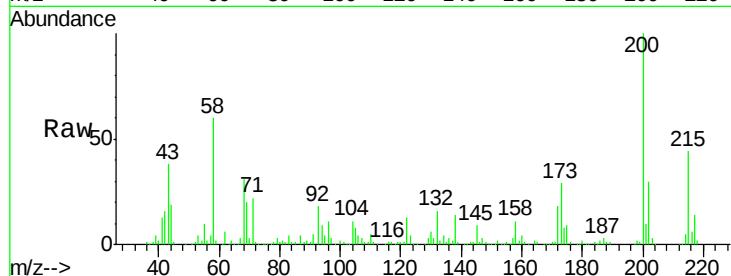
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	8.6	48.6
215	43.6	25.1	65.1

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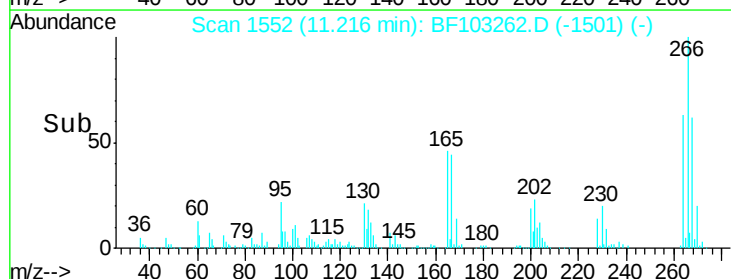
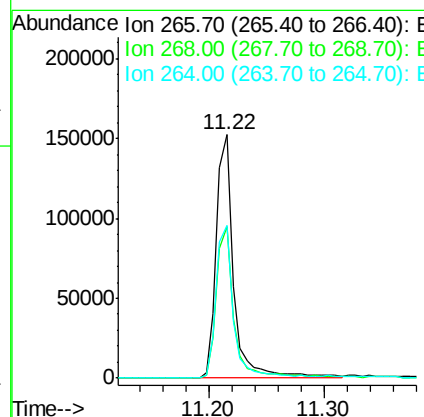
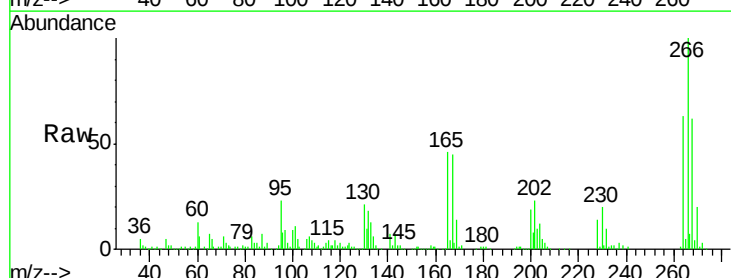
Sohil

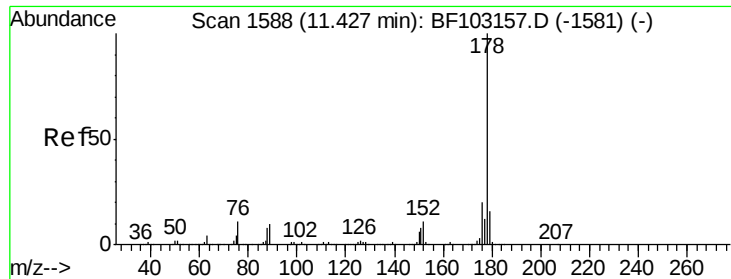
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#69
 Pentachlorophenol
 Concen: 69.545 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.9	49.5	74.3





#70

Phenanthrene

Concen: 42.033 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

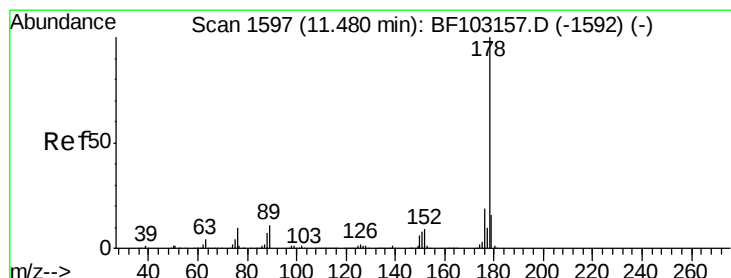
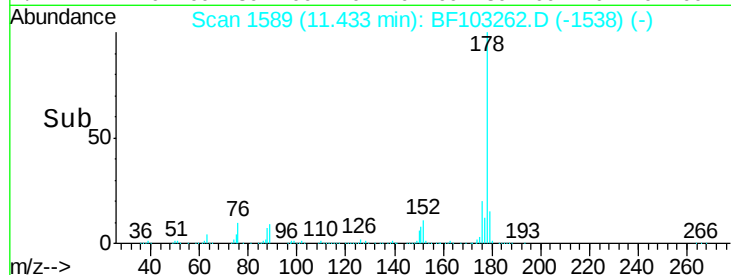
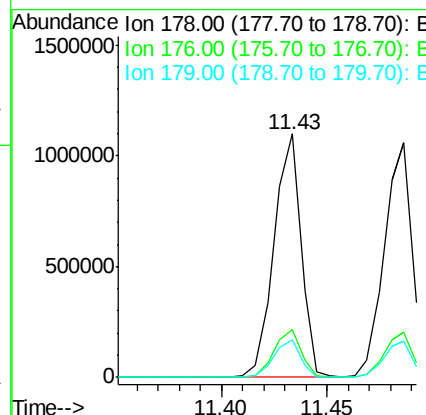
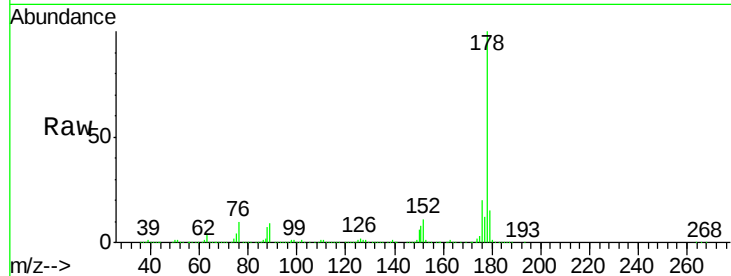
FK-SF-03-003-AMSD

Tot Ion:	178	Resp:	983520
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

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#71

Anthracene

Concen: 41.328 ng

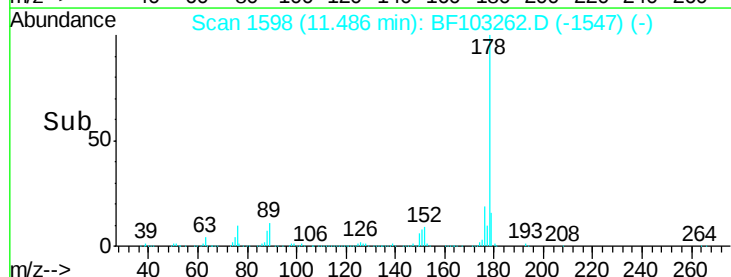
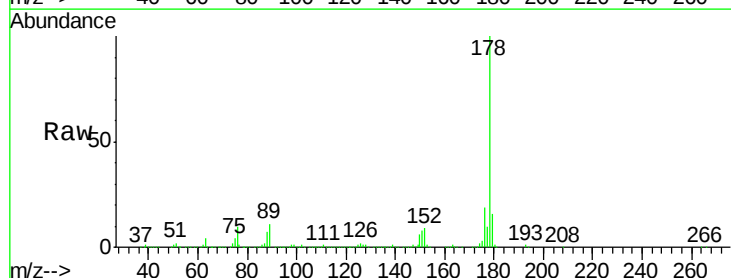
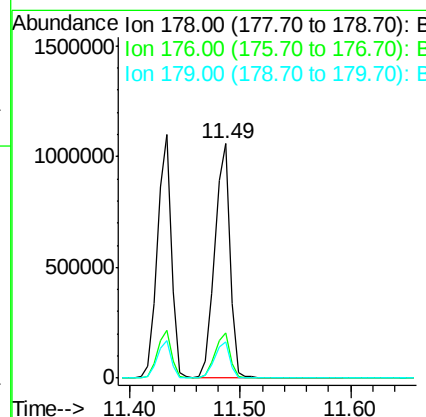
RT: 11.49 min Scan# 1598

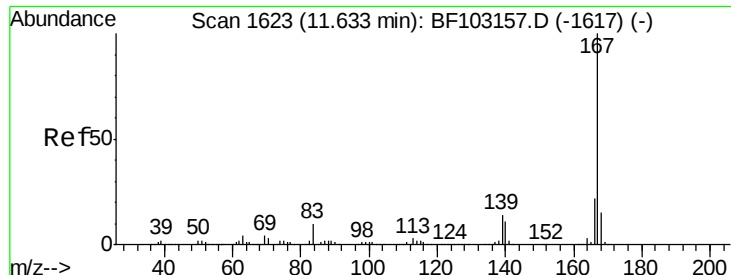
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	178	Resp:	991631
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0





#72
 Carbazole
 Concen: 38.096 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

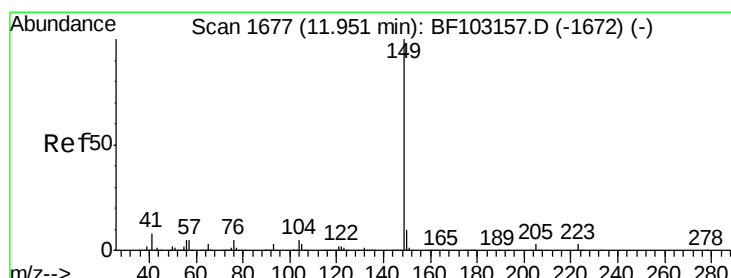
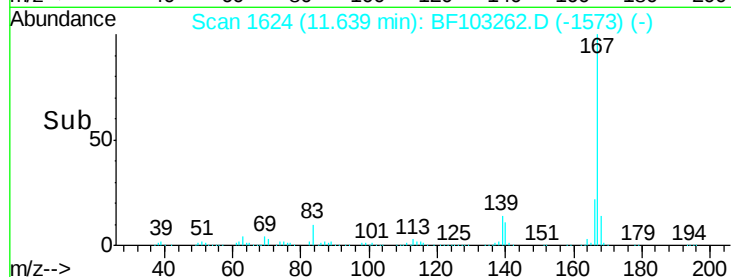
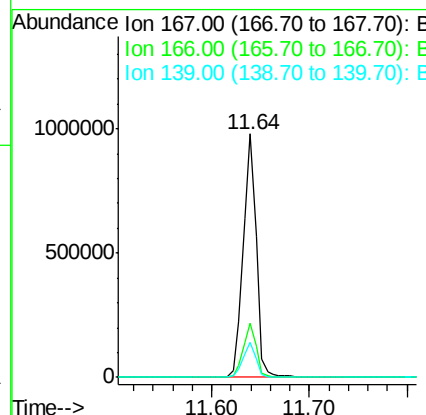
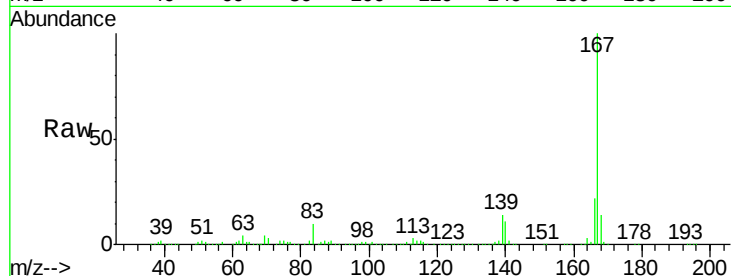
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	14.3	10.9	16.3

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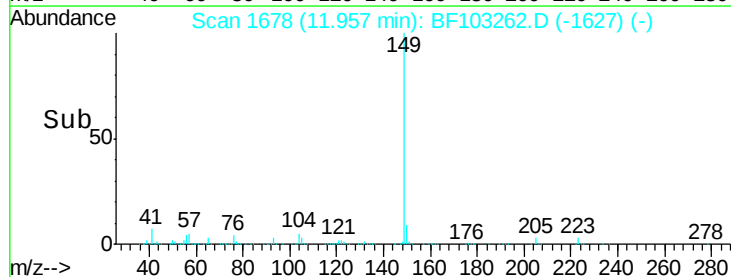
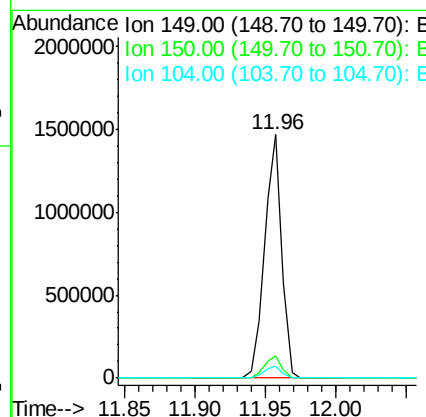
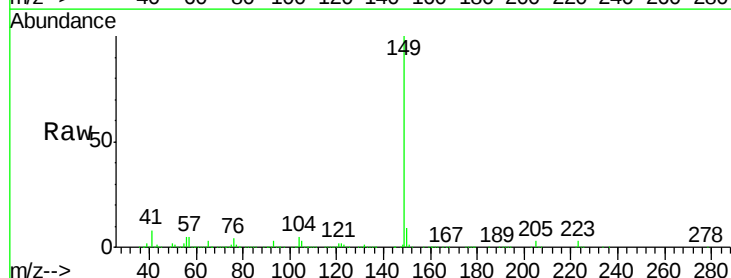
Sohil

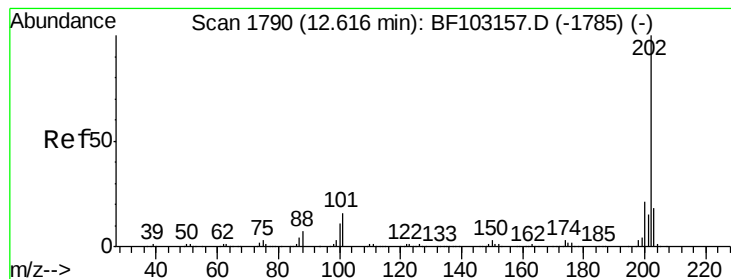
2/28/2018 11:17:36 AM



#73
 Di-n-butylphthalate
 Concen: 41.950 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BF103262.D
 Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8





#74

Fluoranthene

Concen: 38.779 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

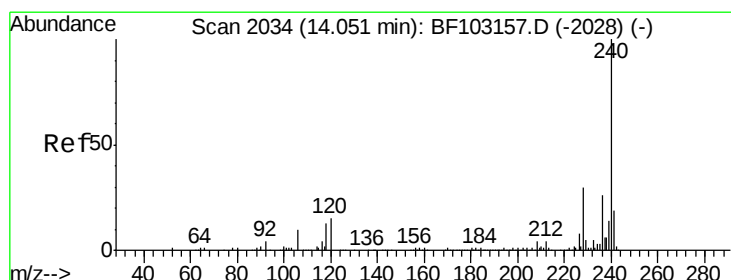
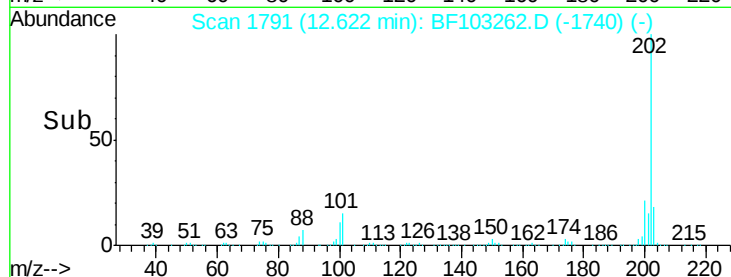
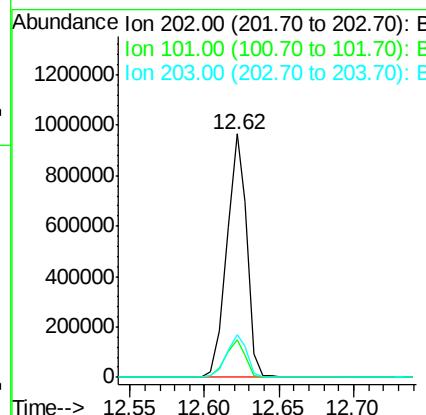
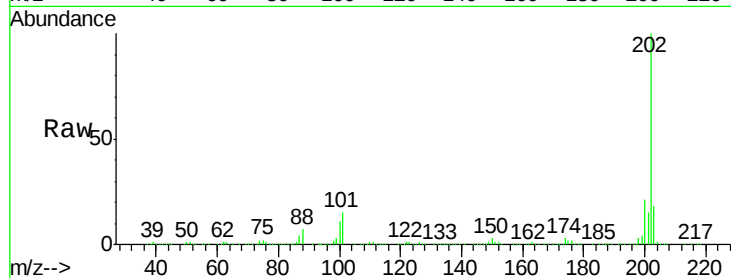
FK-SF-03-003-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	911810		
101	15.2	0.0	34.1	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

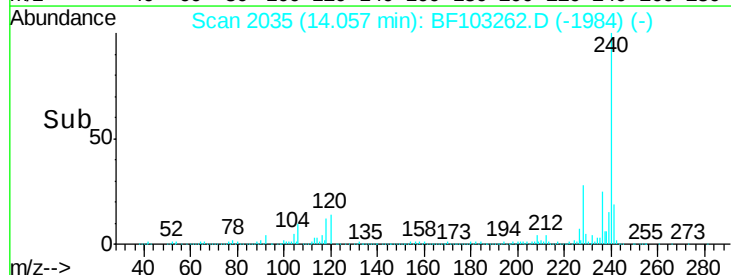
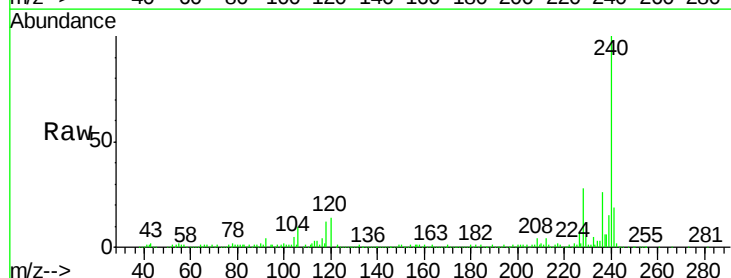
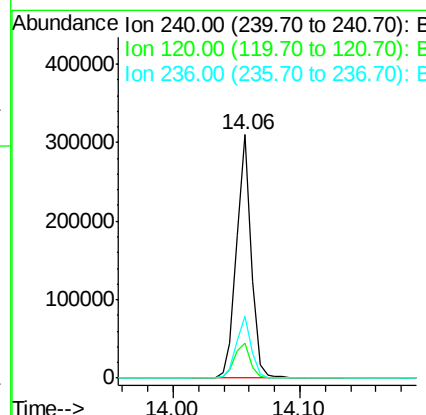
RT: 14.06 min Scan# 2035

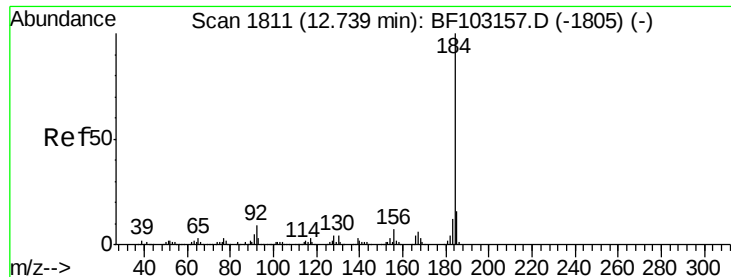
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	245765		
120	14.4	9.5	14.3#	
236	25.5	20.7	31.1	





#76

Benzidine

Concen: 51.727 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-AMSD

Tot Ion:184 Resp: 475263

Ion Ratio Lower Upper

184 100

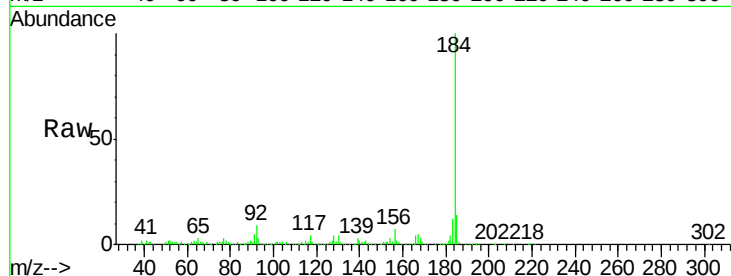
185 14.3 12.6 18.8

183 11.7 9.3 13.9

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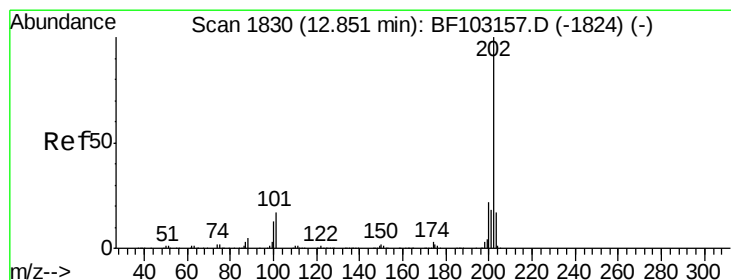
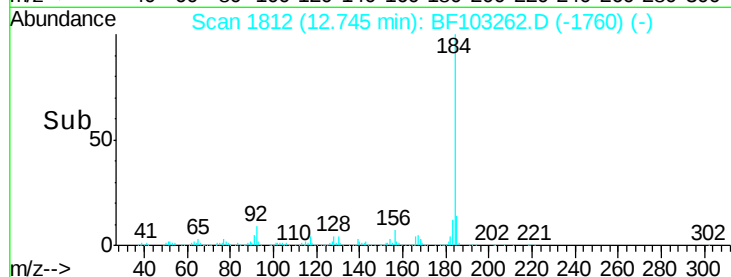
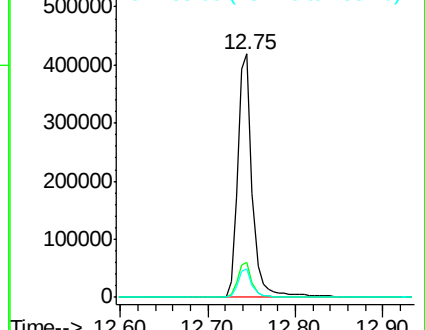
2/28/2018 11:17:36 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 46.191 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

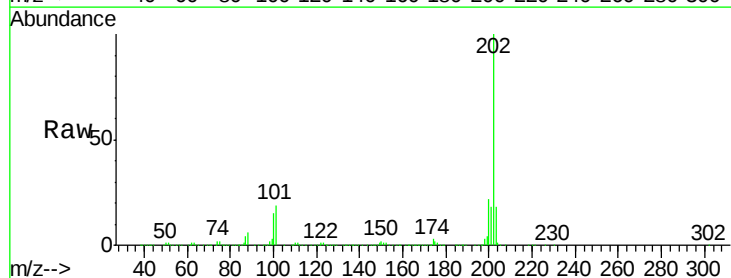
Tgt Ion:202 Resp: 885081

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

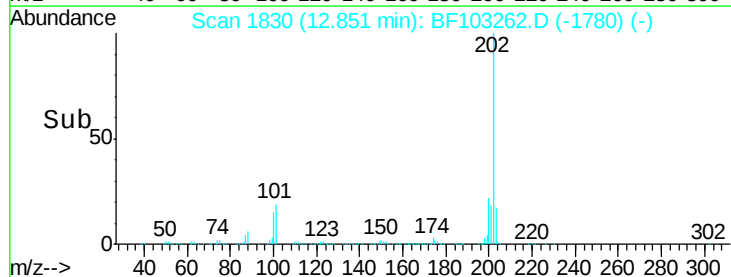
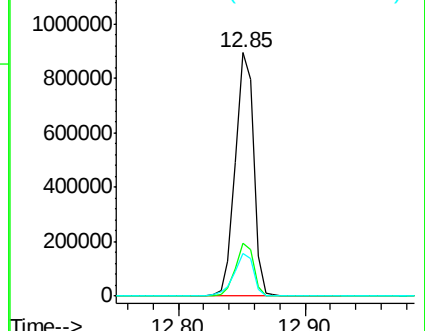
203 17.6 14.3 21.5

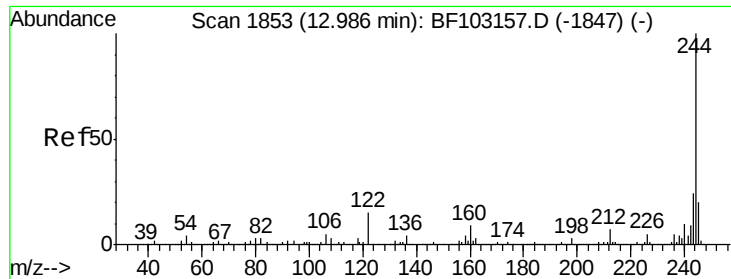


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.975 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

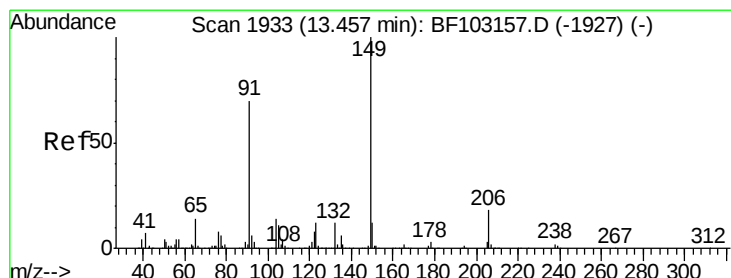
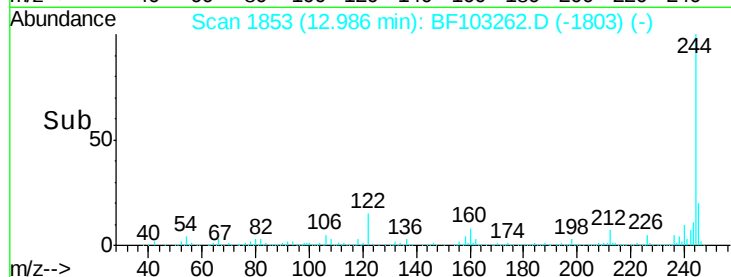
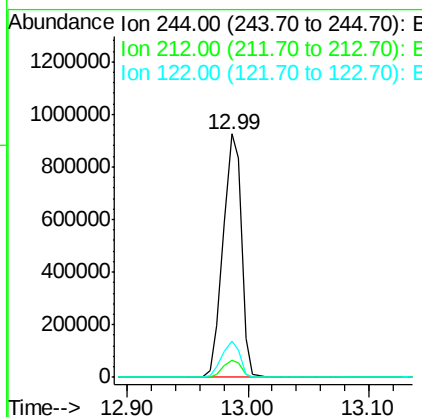
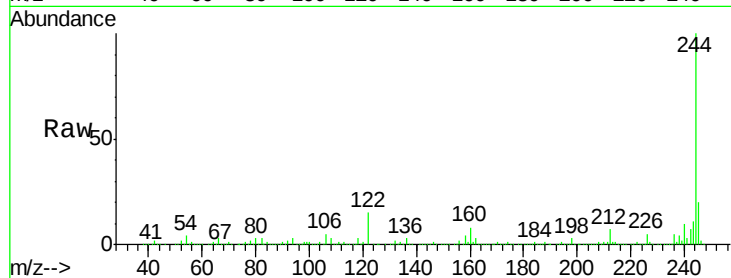
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.7	11.0	16.4

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#79

Butylbenzylphthalate

Concen: 45.765 ng

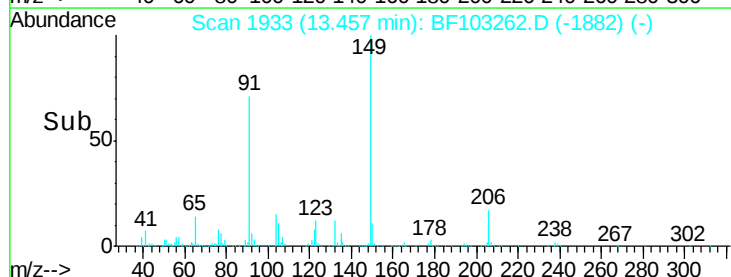
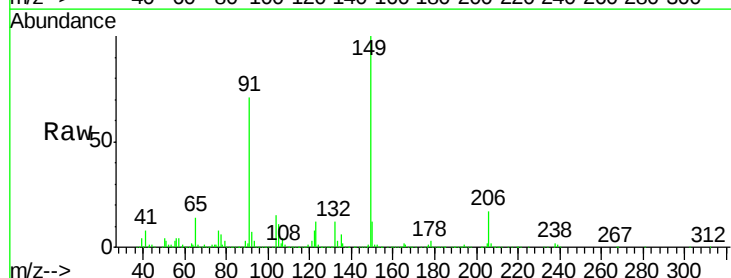
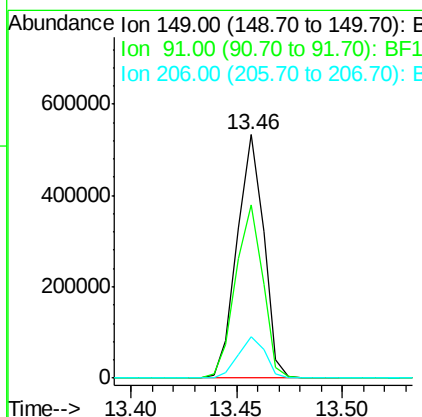
RT: 13.46 min Scan# 1933

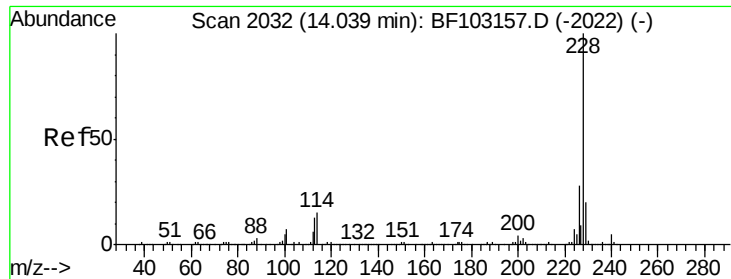
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.8	85.2
206	16.8	14.1	21.1





#80
Benzo(a)anthracene
Concen: 44.480 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

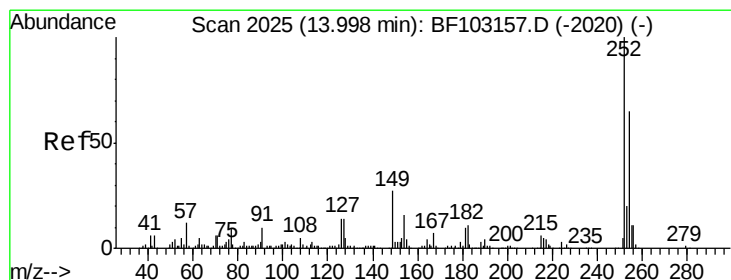
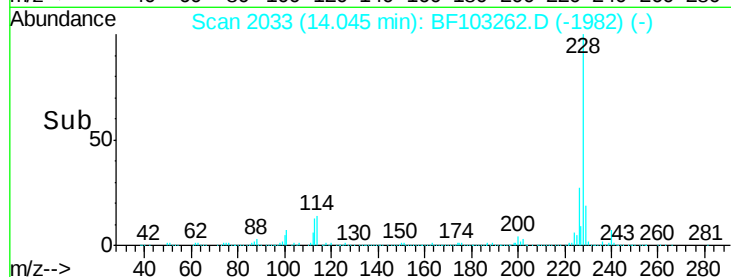
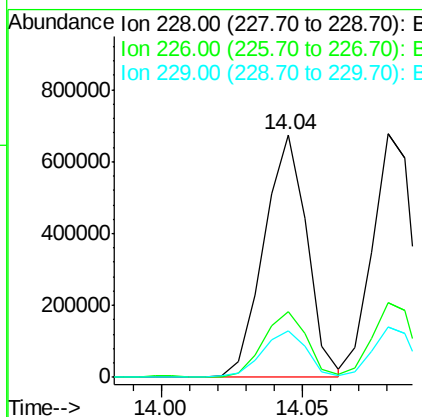
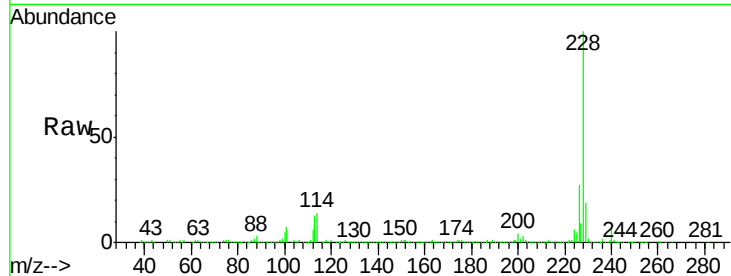
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.3	15.8	23.6

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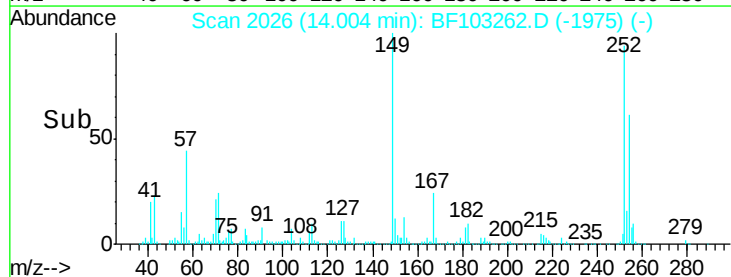
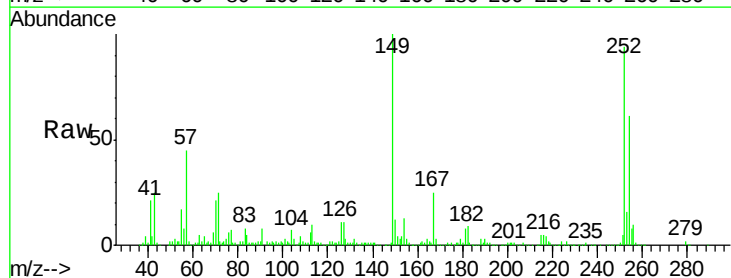
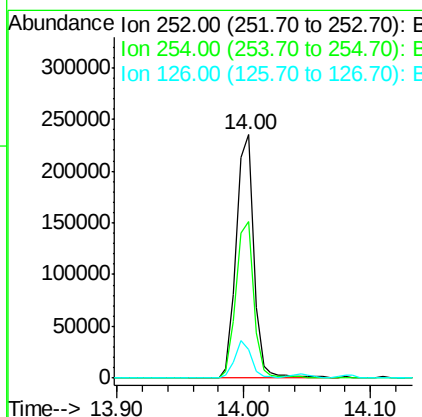
Sohil

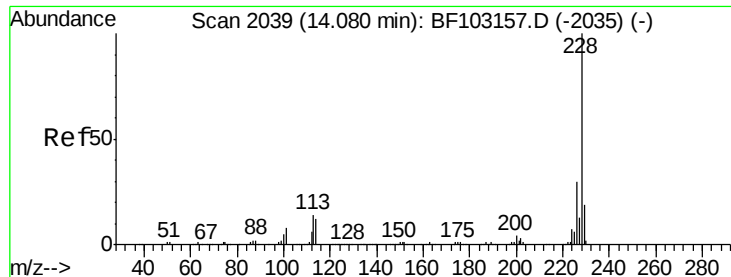
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#81
3,3'-Dichlorobenzidine
Concen: 39.611 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	12.0	11.3	16.9





#82

Chrysene

Concen: 42.442 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

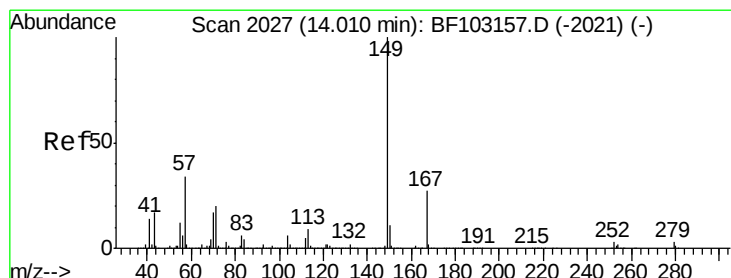
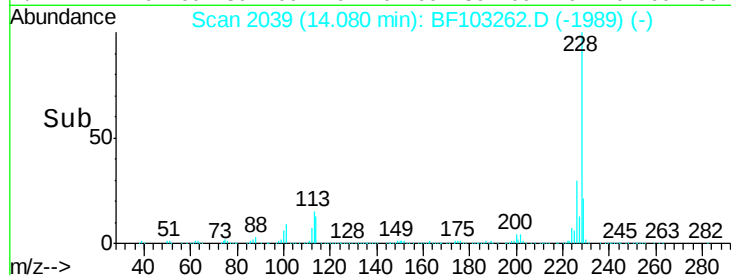
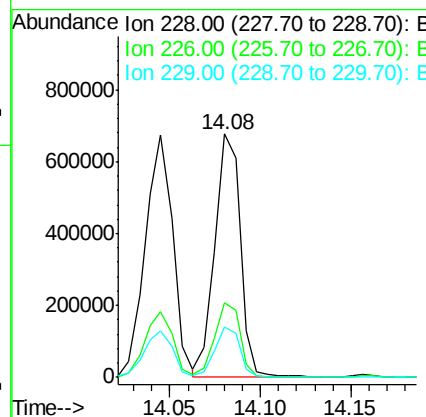
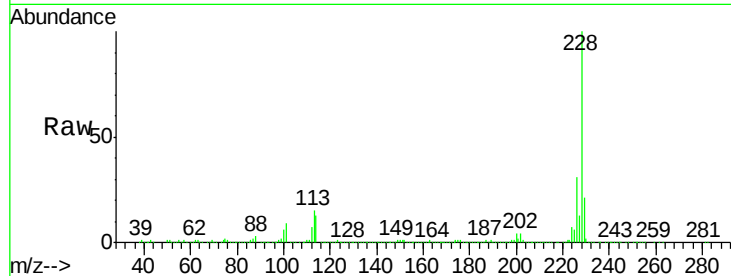
FK-SF-03-003-AMSD

Tot Ion:	228	Resp:	657137
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	20.7	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.972 ng

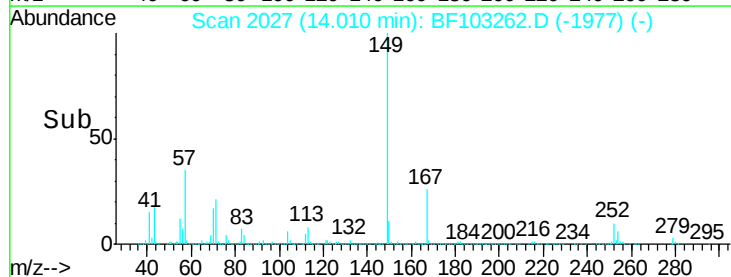
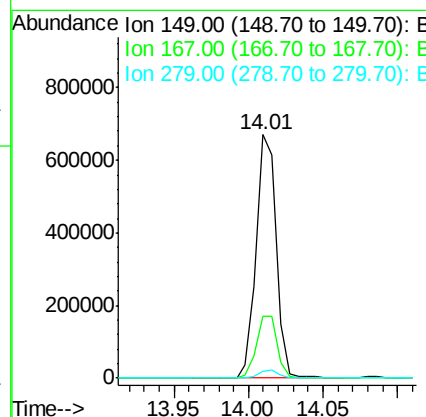
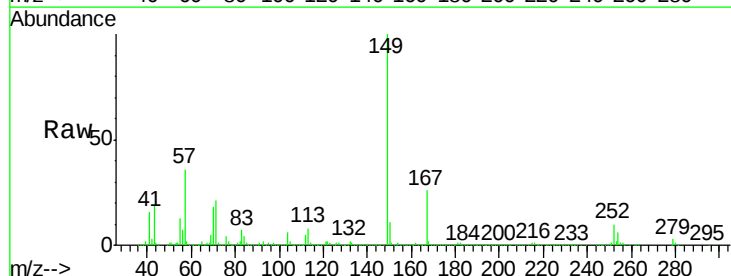
RT: 14.01 min Scan# 2027

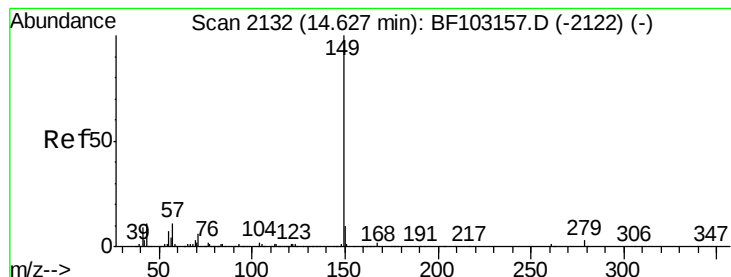
Delta R.T. -0.01 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	149	Resp:	614384
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.3	31.9
279	2.7	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 46.284 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Instrument :

BNA_F

ClientSampleId :

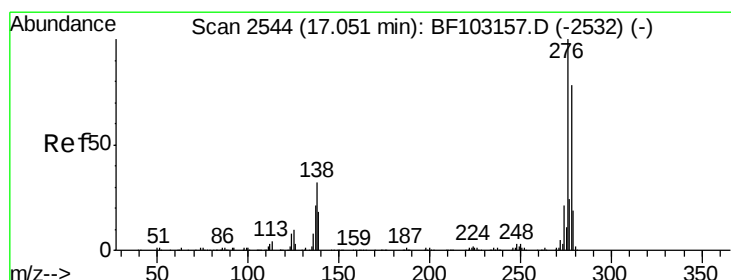
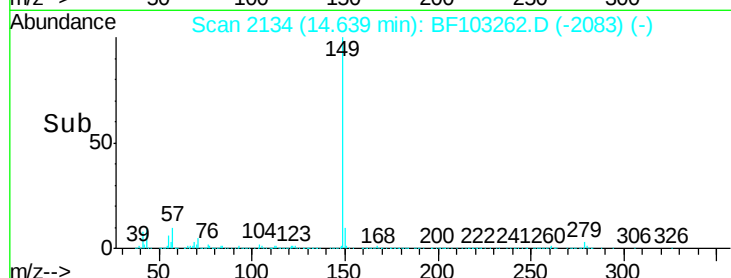
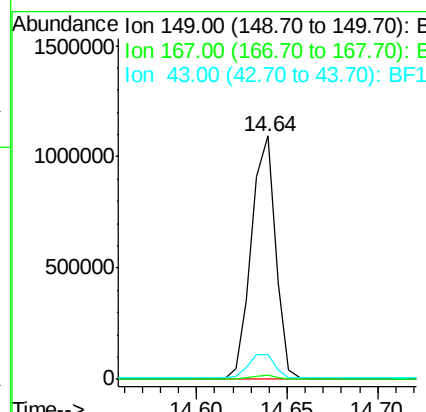
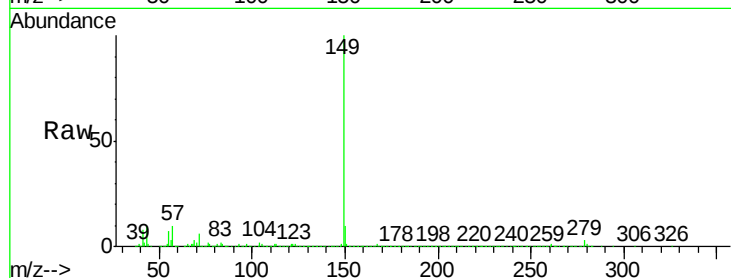
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Tot Ion:	149	Resp:	1021615
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 54.513 ng

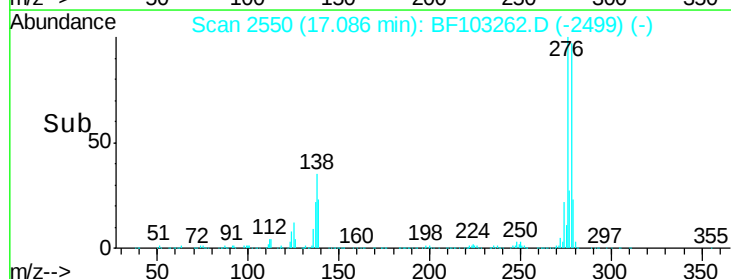
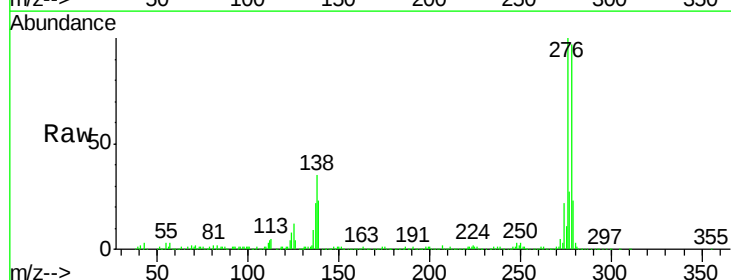
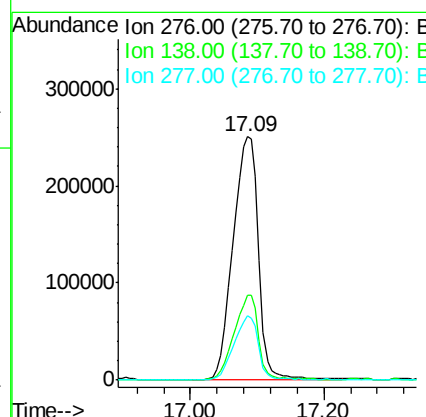
RT: 17.09 min Scan# 2550

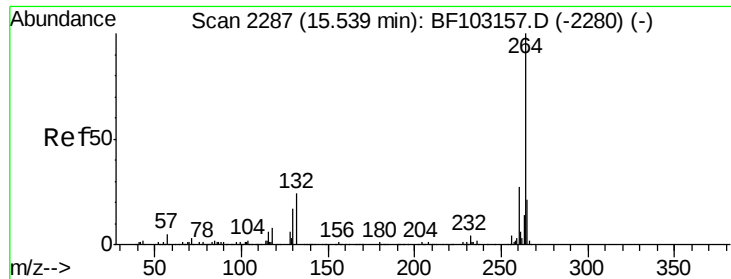
Delta R.T. 0.00 min

Lab File: BF103262.D

Acq: 27 Feb 2018 14:55

Tgt Ion:	276	Resp:	668204
Ion Ratio	Lower	Upper	
276	100		
138	32.8	25.0	37.6
277	25.4	20.1	30.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

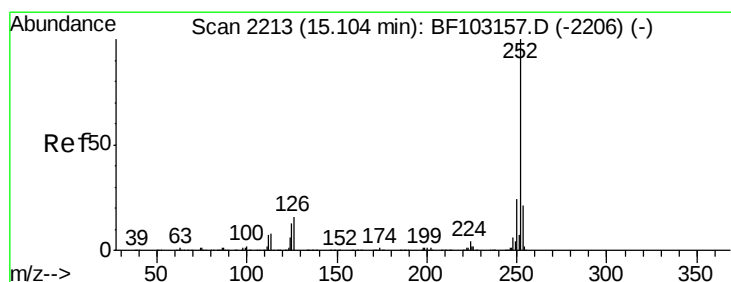
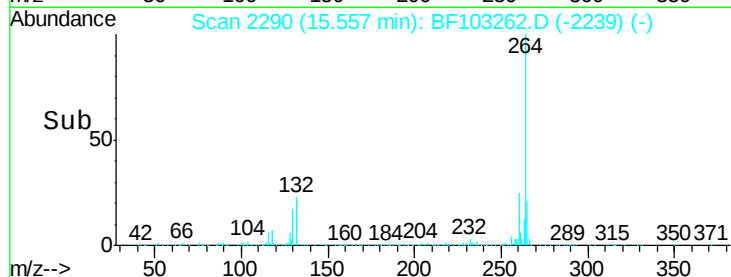
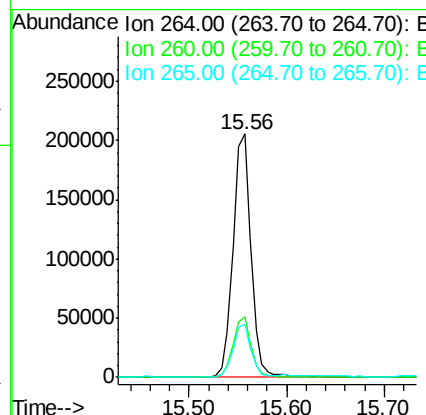
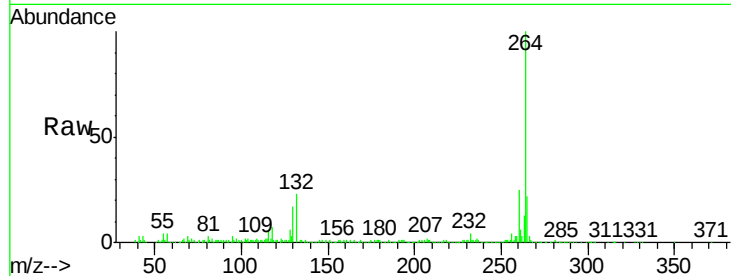
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3

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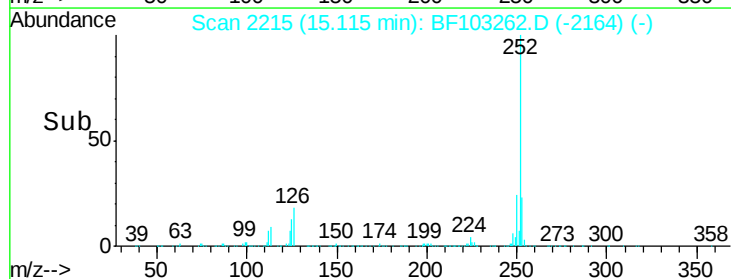
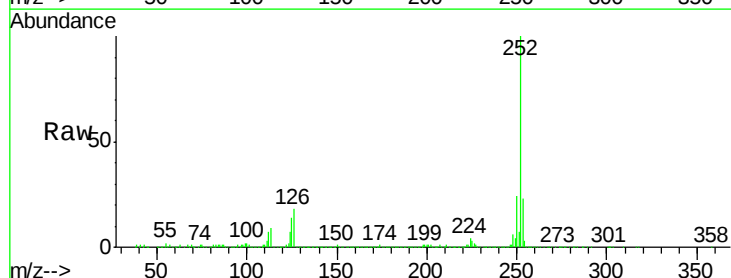
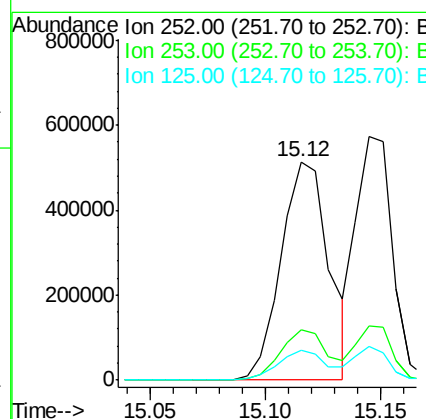
Sohil

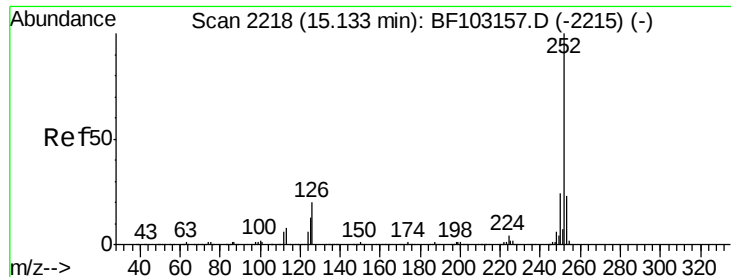
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#87
Benzo(b)fluoranthene
Concen: 42.456 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.8	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 38.009 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

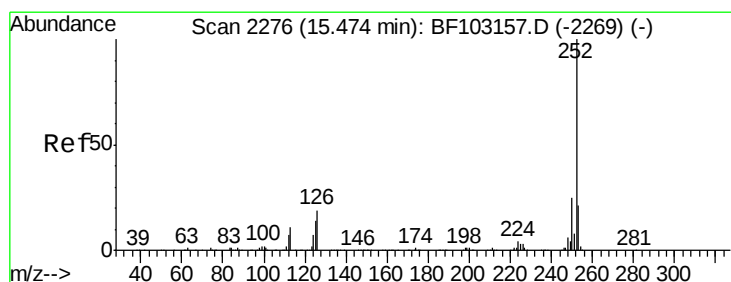
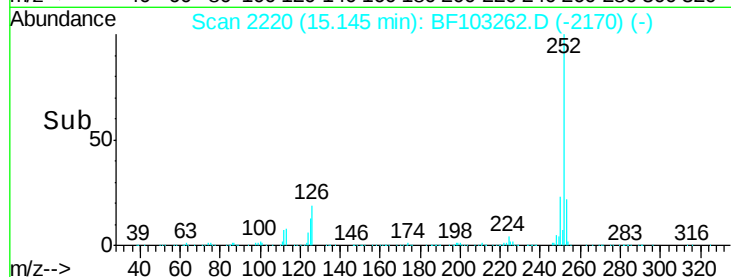
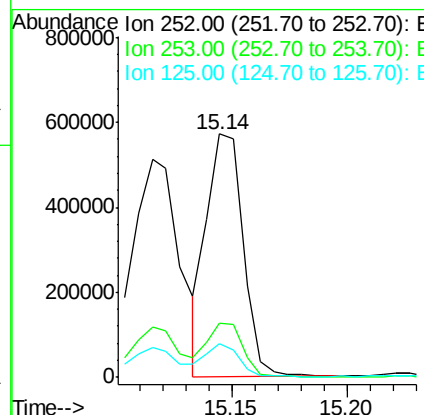
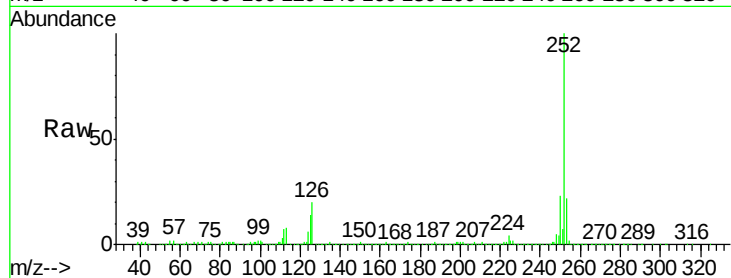
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.6	10.2	15.2

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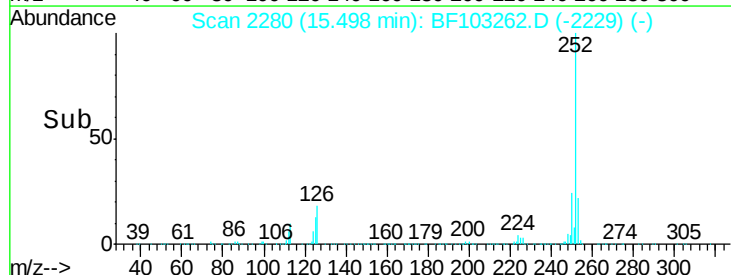
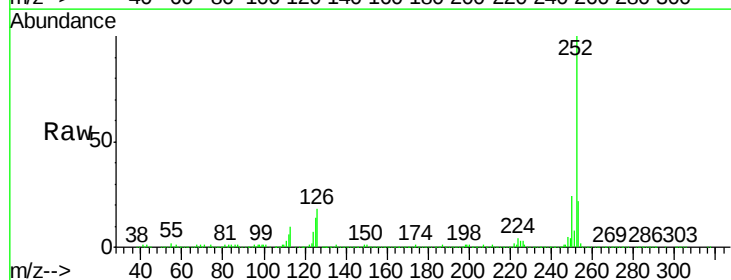
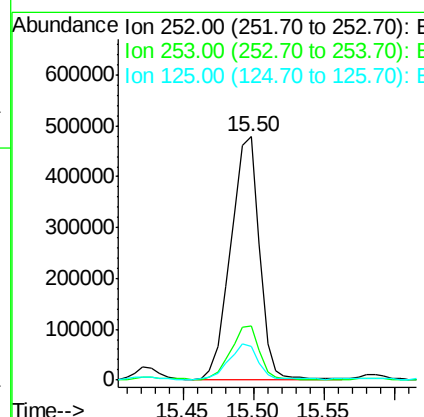
Sohil

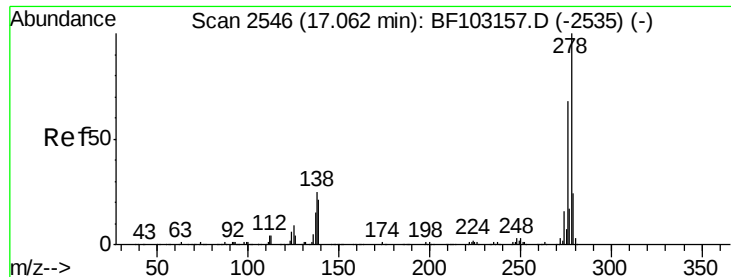
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#89
Benzo(a)pyrene
Concen: 43.707 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.7	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 45.323 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

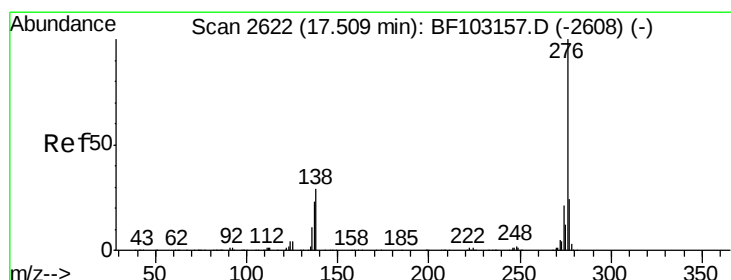
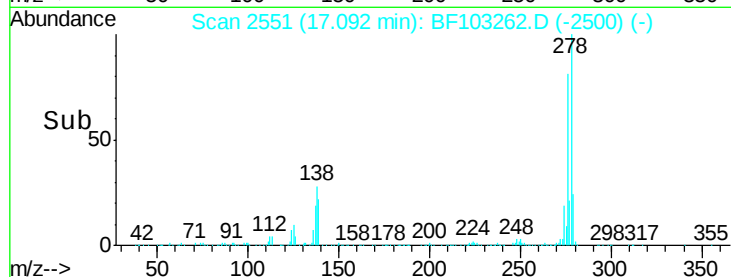
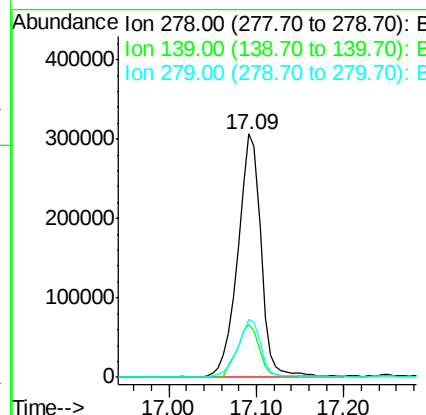
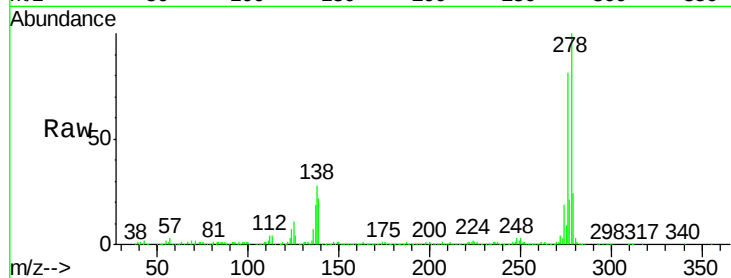
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.9	23.9
279	23.6	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 46.613 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF103262.D
Acq: 27 Feb 2018 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	27.0	21.8	32.8

