

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104243.D
 Acq On : 4 Apr 2018 23:13
 Operator : JU/SJ
 Sample : J2170-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:39:10 PM

Quant Time: Apr 05 01:55:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119397	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	493514	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	219438	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	365816	20.00	ng	0.00
75) Chrysene-d12	14.14	240	228580	20.00	ng	0.00
86) Perylene-d12	15.68	264	233253	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	985209	131.59	ng	0.00
7) Phenol-d6	6.60	99	1176624	127.74	ng	0.00
23) Nitrobenzene-d5	7.52	82	736552	91.27	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	301326	123.32	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1348128	96.88	ng	0.00
78) Terphenyl-d14	13.07	244	1033186	104.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	115367	35.728	ng	# 87
3) Pyridine	3.67	79	234830	28.727	ng	88
4) n-Nitrosodimethylamine	3.64	42	54943	22.612	ng	# 78
6) Aniline	6.63	93	267998	24.304	ng	# 72
8) 2-Chlorophenol	6.75	128	382563	46.582	ng	97
9) Benzaldehyde	6.52	77	73528	12.315	ng	91
10) Phenol	6.62	94	491194	48.128	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	419080	47.652	ng	91
12) 1,3-Dichlorobenzene	6.89	146	367408	39.798	ng	98
13) 1,4-Dichlorobenzene	6.97	146	426085	43.074	ng	99
14) 1,2-Dichlorobenzene	7.12	146	378827	42.607	ng	98
15) Benzyl Alcohol	7.10	79	243465	40.653	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	418547	43.684	ng	# 41
17) 2-Methylphenol	7.21	107	286457	42.855	ng	# 80
18) Hexachloroethane	7.45	117	129081	38.974	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	251624	46.031	ng	91
20) 3+4-Methylphenols	7.37	107	352676	41.341	ng	# 55
22) Acetophenone	7.37	105	518360	43.412	ng	# 98
24) Nitrobenzene	7.54	77	332821	39.198	ng	98
25) Isophorone	7.77	82	679799	45.710	ng	98
26) 2-Nitrophenol	7.85	139	189216	42.692	ng	93
27) 2,4-Dimethylphenol	7.89	122	307866	48.164	ng	100
28) bis(2-Chloroethoxy)methane	7.97	93	442449	47.468	ng	99
29) 2,4-Dichlorophenol	8.10	162	308944	46.274	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	320407	42.296	ng	99
31) Naphthalene	8.26	128	1074090	44.550	ng	99
32) Benzoic acid	8.00	122	51298m	10.955	ng	
33) 4-Chloroaniline	8.33	127	149337	14.692	ng	97
34) Hexachlorobutadiene	8.36	225	169756	41.180	ng	100
35) Caprolactam	8.68	113	86173	40.706	ng	# 83
36) 4-Chloro-3-methylphenol	8.80	107	323285	45.779	ng	97
37) 2-Methylnaphthalene	8.95	142	685369	43.156	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	308471	45.841	ng	98
40) Hexachlorocyclopentadiene	9.09	237	63467	24.075	ng	99

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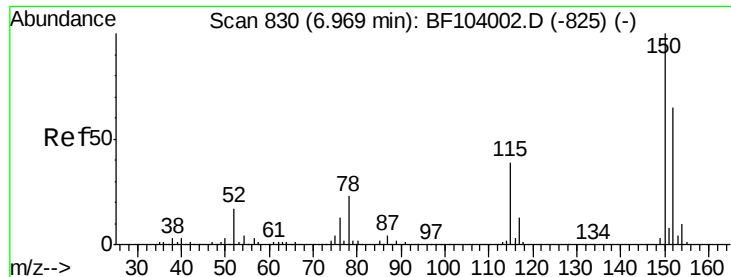
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	183606	43.090	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	222919	43.329	nq	95
45) 1,1'-Biphenyl	9.41	154	848350	45.044	nq	98
46) 2-Chloronaphthalene	9.44	162	665248	44.779	nq	98
47) 2-Nitroaniline	9.55	65	186986	44.140	nq	93
48) Acenaphthylene	9.86	152	942381	41.871	nq	100
49) Dimethylphthalate	9.71	163	856831	49.455	nq	99
50) 2,6-Dinitrotoluene	9.78	165	164649	44.173	nq	96
51) Acenaphthene	10.03	154	566193	43.486	nq	99
52) 3-Nitroaniline	9.97	138	113453	26.478	nq	98
53) 2,4-Dinitrophenol	10.10	184	13599	13.347	nq	# 65
54) Dibenzofuran	10.20	168	819957	43.126	nq	97
55) 4-Nitrophenol	10.15	139	136053	52.956	nq	94
56) 2,4-Dinitrotoluene	10.19	165	194353	40.862	nq	# 95
57) Fluorene	10.55	166	656078	41.832	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	163677	42.463	nq	87
59) Diethylphthalate	10.40	149	717756	43.245	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	315567	43.808	nq	98
61) 4-Nitroaniline	10.60	138	139697	34.844	nq	91
62) Azobenzene	10.69	77	634648	42.287	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	33259	15.020	nq	87
65) n-Nitrosodiphenylamine	10.66	169	589156	47.555	nq	98
66) 4-Bromophenyl-phenylether	11.02	248	181454	46.364	nq	91
67) Hexachlorobenzene	11.09	284	193686	43.023	nq	# 87
68) Atrazine	11.17	200	175942	46.356	nq	99
69) Pentachlorophenol	11.29	266	154358	62.308	nq	97
70) Phenanthrene	11.52	178	815266	41.163	nq	98
71) Anthracene	11.57	178	946811	45.767	nq	99
72) Carbazole	11.73	167	834632	42.271	nq	99
73) Di-n-butylphthalate	12.03	149	1024225	43.549	nq	99
74) Fluoranthene	12.70	202	784658	37.272	nq	99
76) Benzidine	12.84	184	377120	57.894	nq	98
77) Pyrene	12.94	202	747310	45.480	nq	99
79) Butylbenzylphthalate	13.53	149	367369	47.455	nq	98
80) Benzo(a)anthracene	14.13	228	578602	40.454	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	208995	44.145	nq	100
82) Chrysene	14.17	228	645580	46.084	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	471694	47.158	nq	99
84) Di-n-octyl phthalate	14.71	149	761755	44.273	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	599946	41.328	nq	97
87) Benzo(b)fluoranthene	15.22	252	569718	40.134	nq	99
88) Benzo(k)fluoranthene	15.26	252	657062	49.136	nq	97
89) Benzo(a)pyrene	15.62	252	587413	44.653	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	525724	43.225	nq	98
91) Benzo(g,h,i)perylene	17.75	276	474640	38.961	nq	96

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



#1

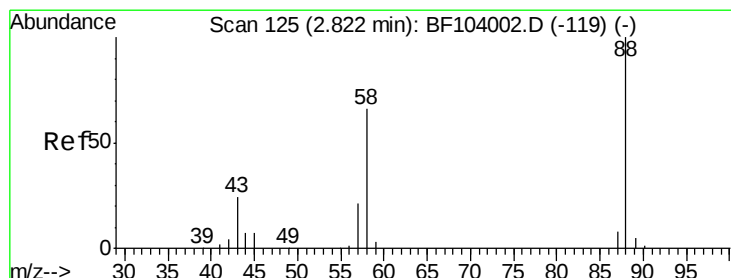
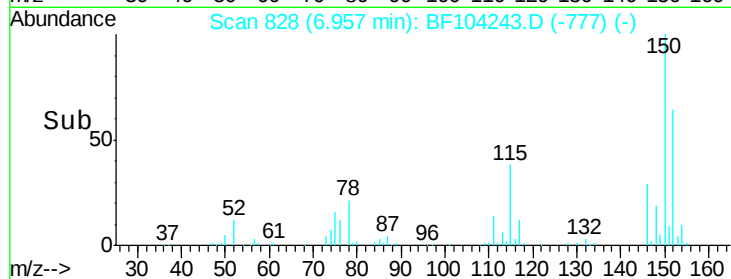
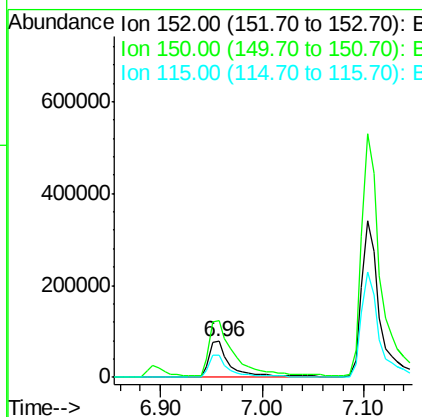
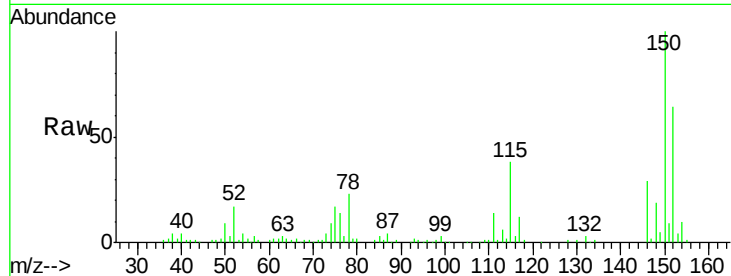
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.4	50.1	75.1

Manual Integrations
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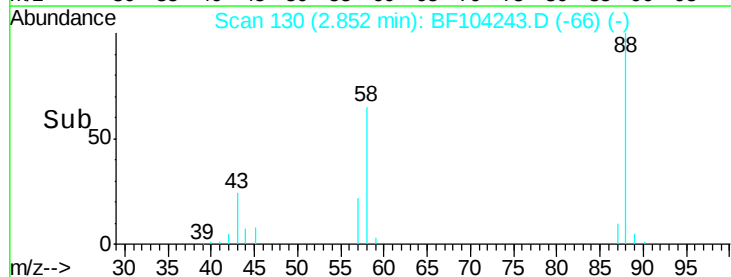
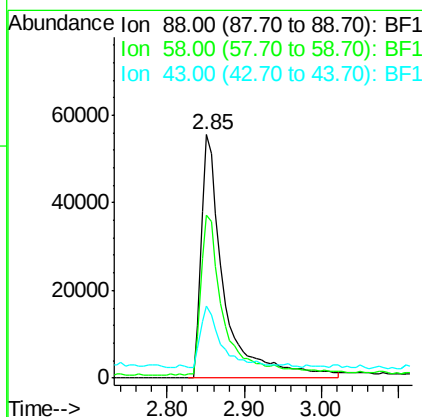
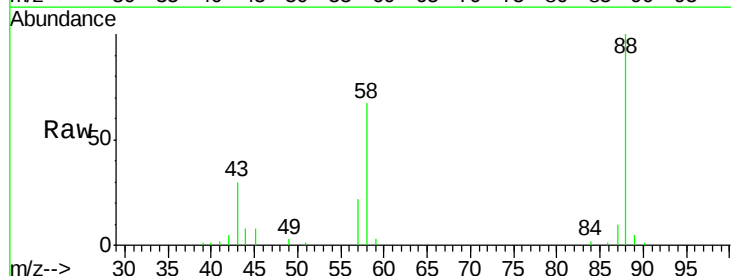
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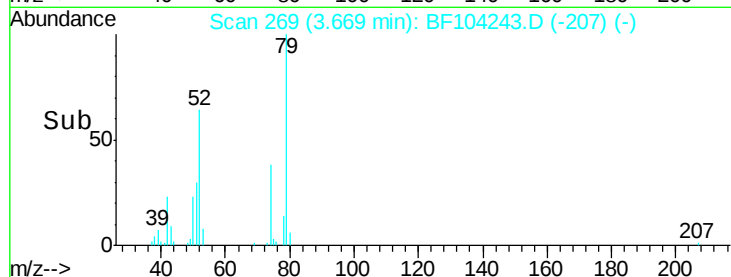
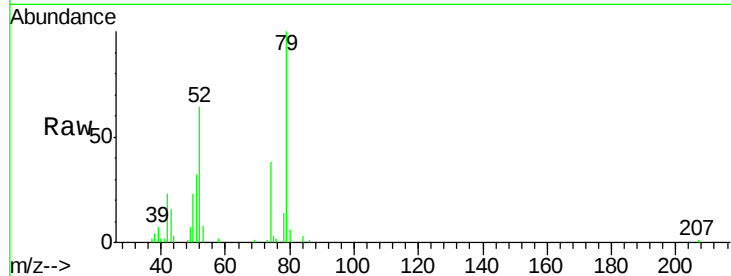
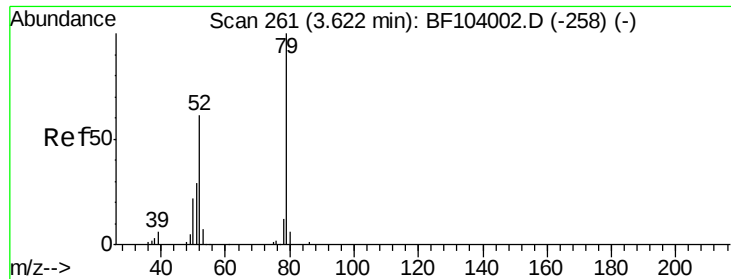


#2

1,4-Dioxane
 Concen: 35.728 ng
 RT: 2.85 min Scan# 130
 Delta R.T. 0.08 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	62.6	93.8
43	22.9	24.6	37.0





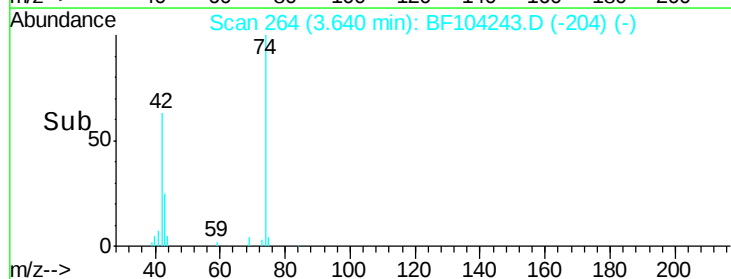
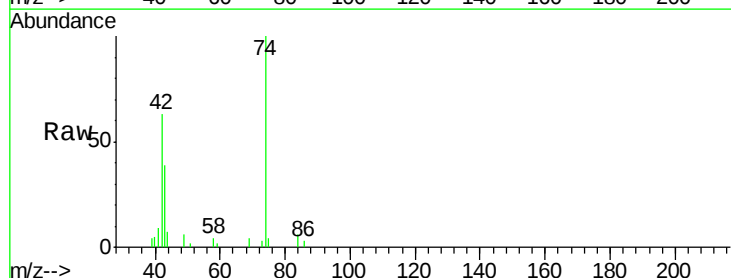
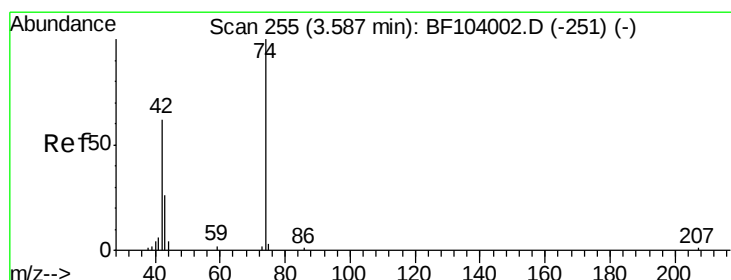
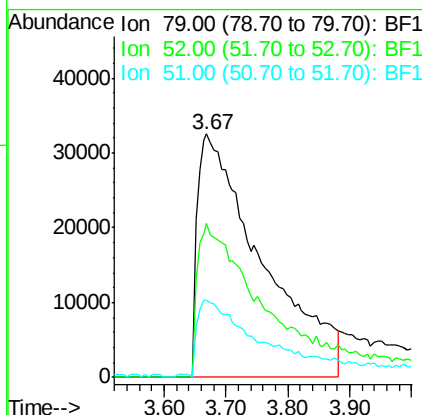
#3
Pvridine
Concen: 28.727 ng
RT: 3.67 min Scan# 269
Delta R.T. 0.06 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.5	59.8	89.6
51	31.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

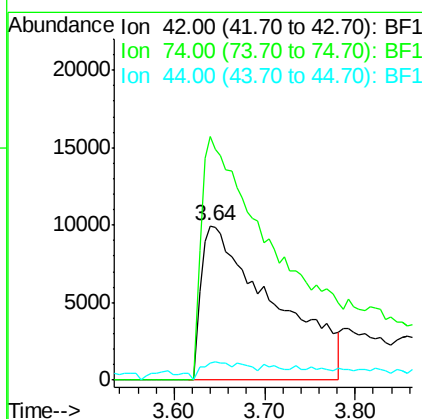
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 22.612 ng
RT: 3.64 min Scan# 264
Delta R.T. 0.05 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.6	104.9	157.3#
44	11.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 131.591 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

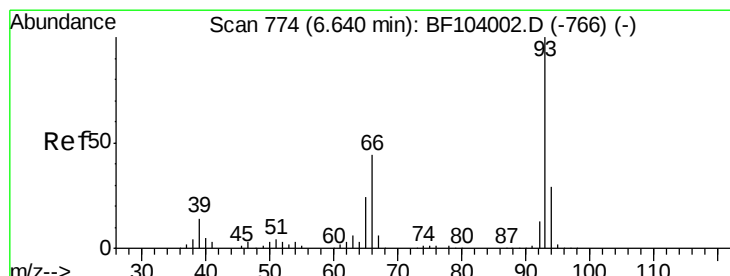
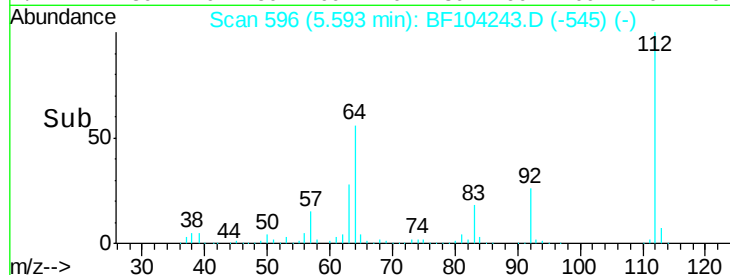
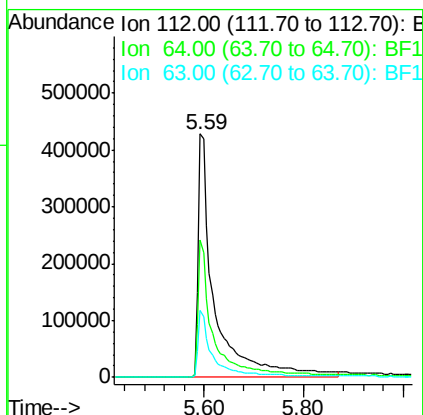
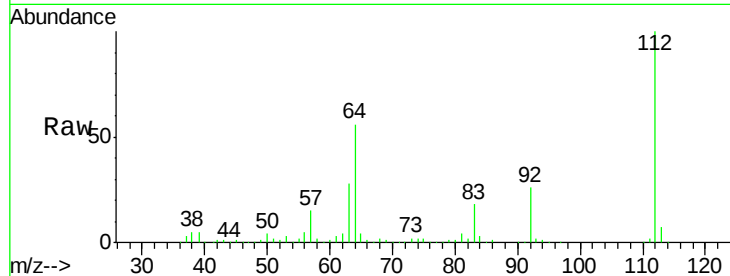
ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion:	112	Resp:	985209
Ion Ratio	Lower	Upper	
112	100		
64	56.5	47.9	71.9
63	27.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 24.304 ng

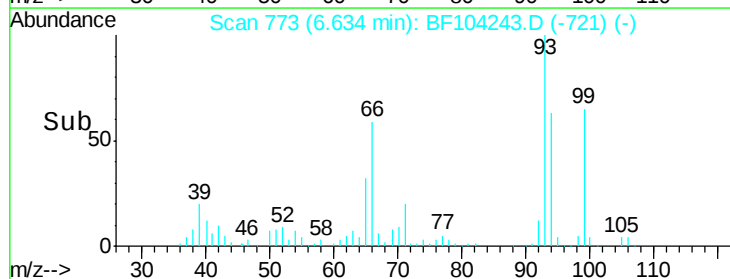
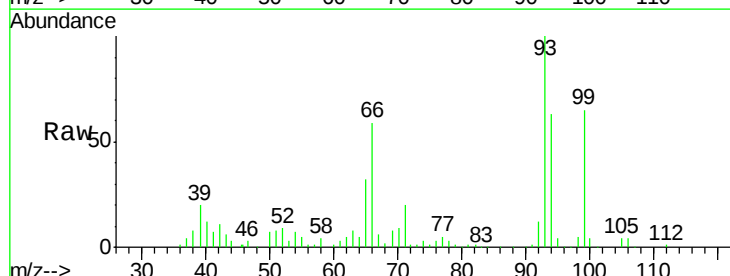
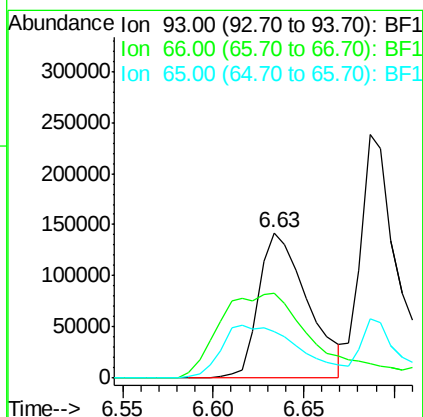
RT: 6.63 min Scan# 773

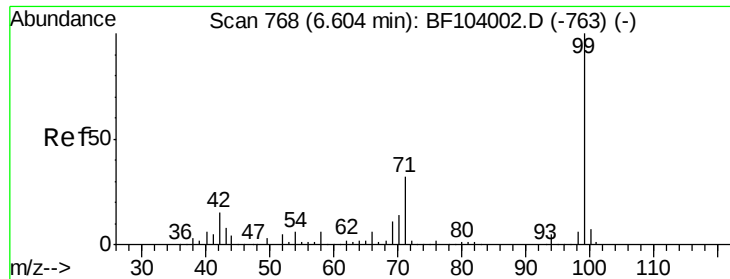
Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:	93	Resp:	267998
Ion Ratio	Lower	Upper	
93	100		
66	58.6	32.2	48.2#
65	32.5	16.4	24.6#





#7

Phenol-d6

Concen: 127.739 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion: 99 Resp: 1176624

Ion Ratio Lower Upper

99 100

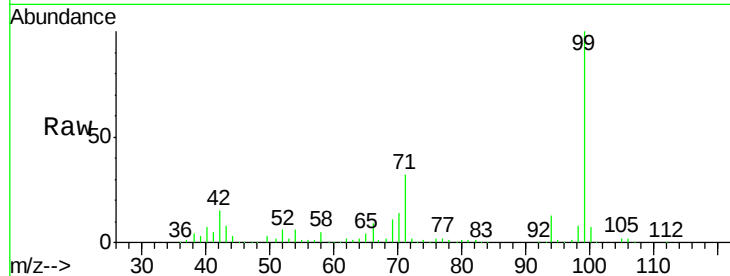
42 14.8 14.5 21.7

71 31.7 25.4 38.0

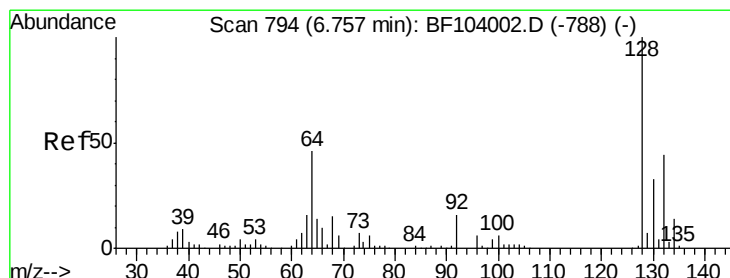
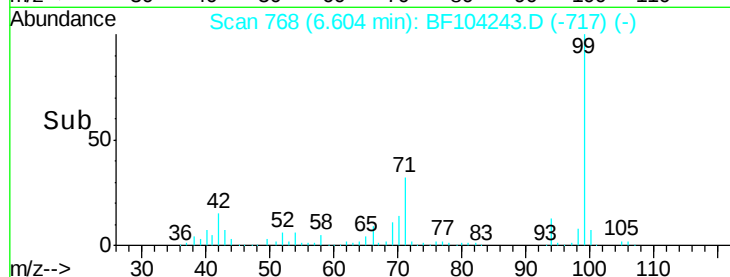
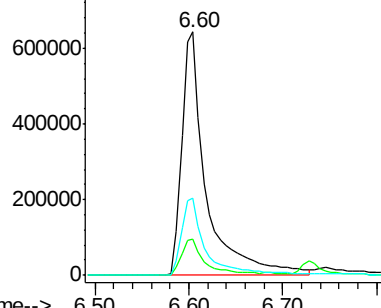
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.582 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

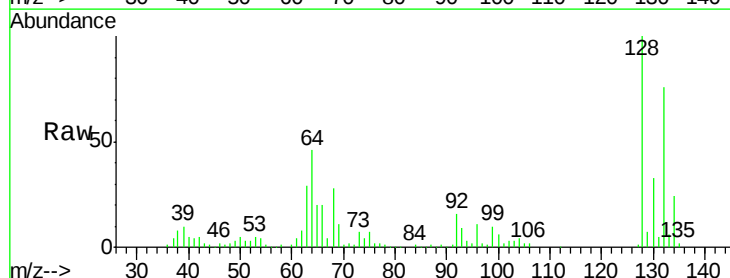
Tgt Ion: 128 Resp: 382563

Ion Ratio Lower Upper

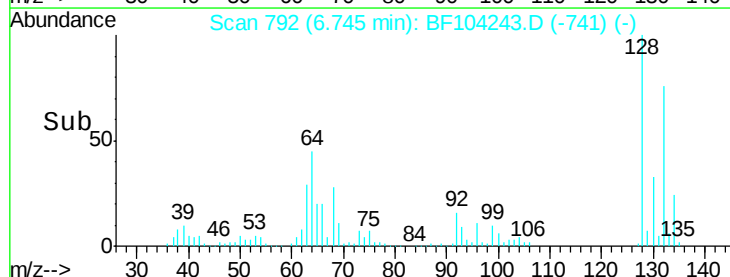
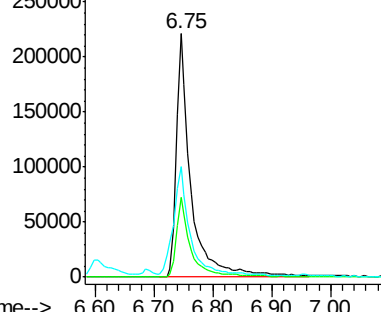
128 100

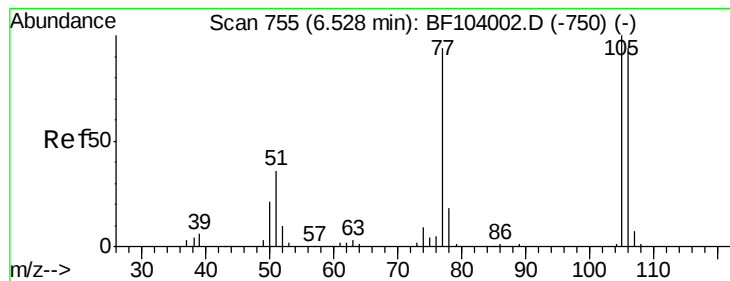
130 32.9 13.0 53.0

64 45.5 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: 12.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion: 77 Resp: 73528

Ion Ratio Lower Upper

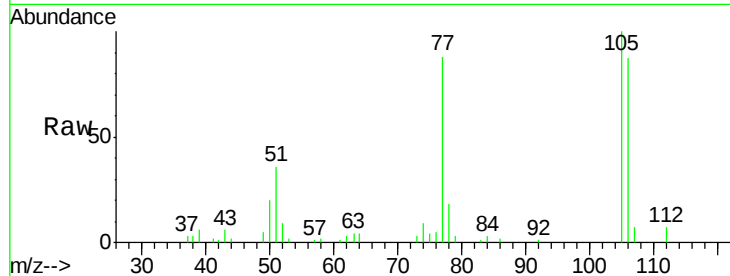
77 100

105 114.1 81.1 121.1

106 99.3 74.5 114.5

Manual Integrations
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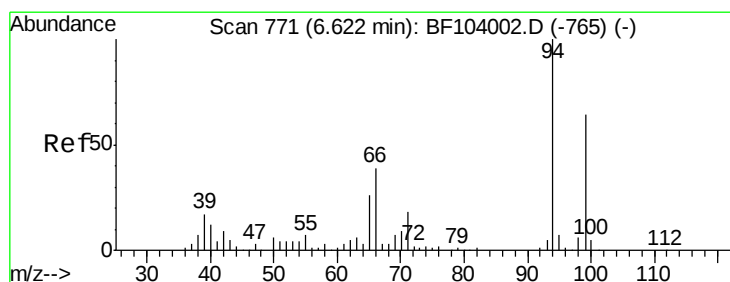
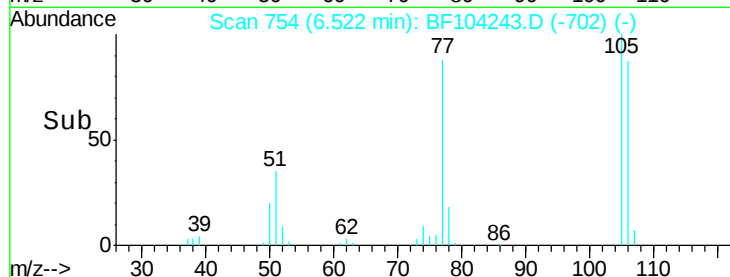
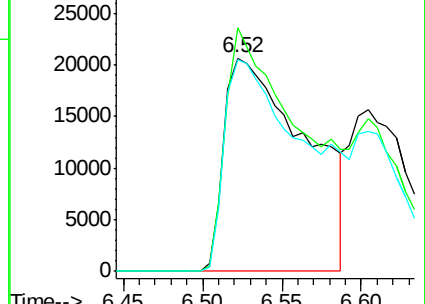
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.128 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

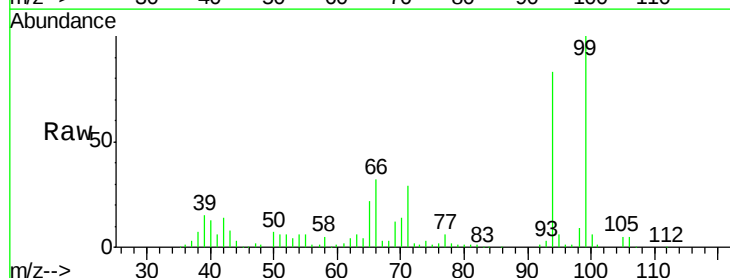
Tgt Ion: 94 Resp: 491194

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

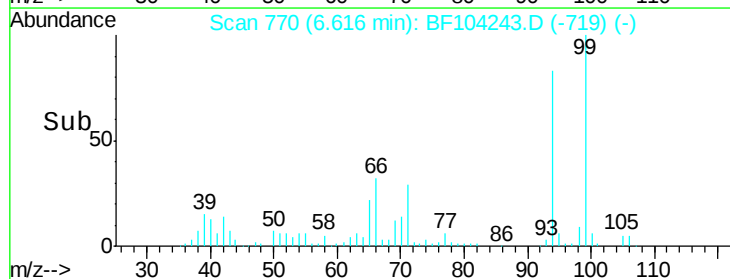
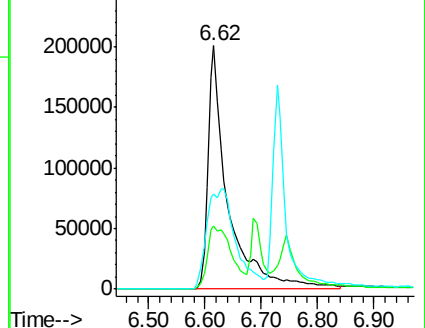
66 38.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





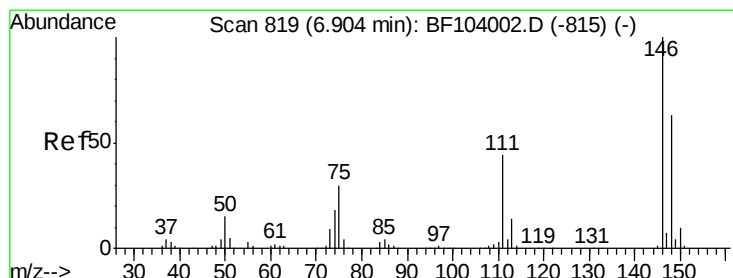
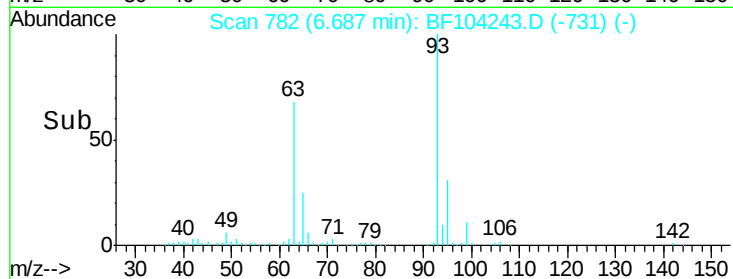
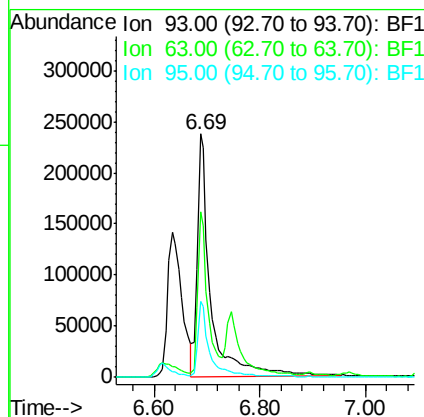
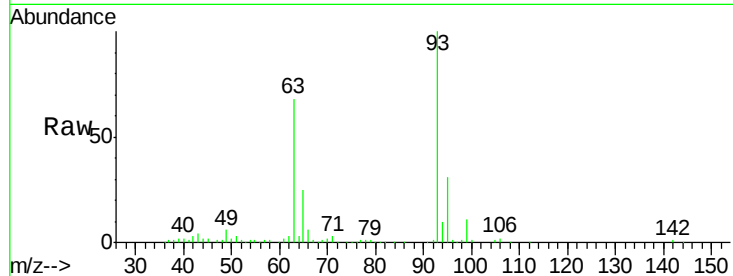
#11
bis(2-Chloroethyl)ether
Concen: 47.652 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion:	93	Resp:	419080
Ion	Ratio	Lower	Upper
93	100		
63	68.0	58.6	98.6
95	31.1	11.8	51.8

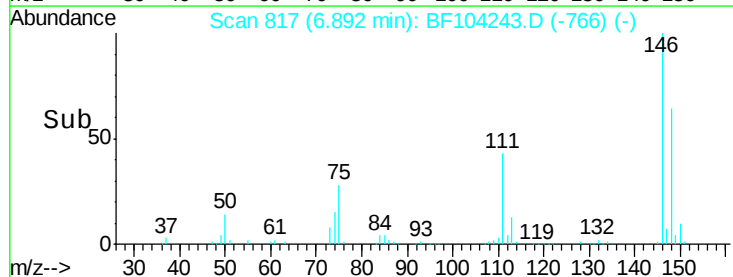
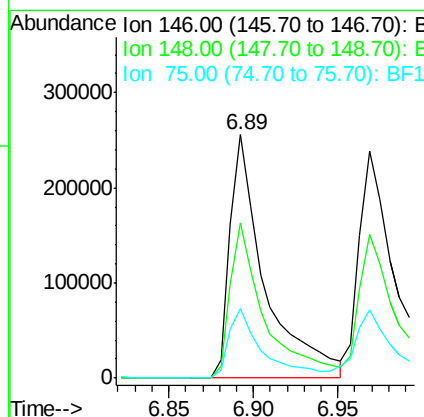
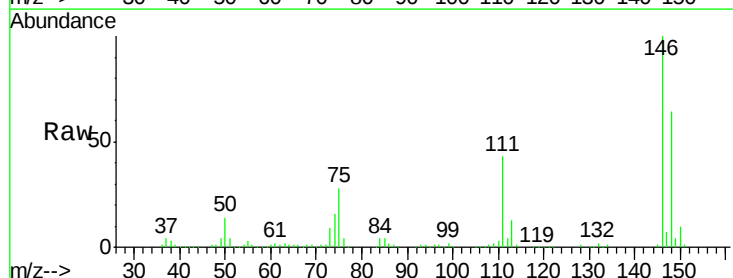
Manual Integrations
APPROVED

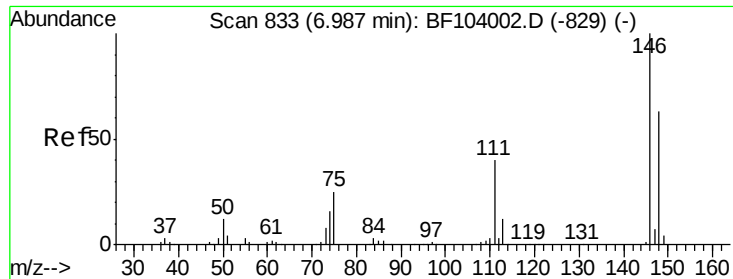
Sohil
4/5/2018 4:39:10 PM



#12
1,3-Dichlorobenzene
Concen: 39.798 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:	146	Resp:	367408
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	28.4	24.2	36.4





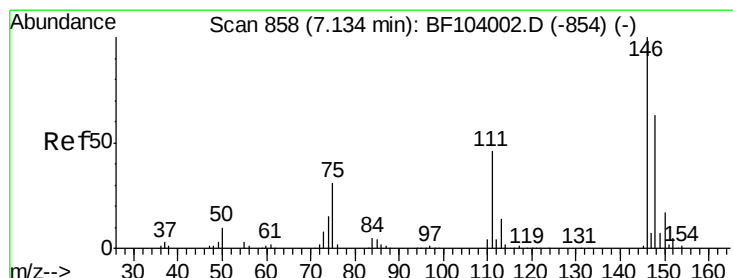
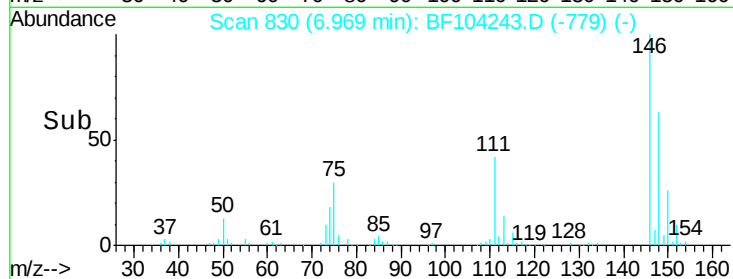
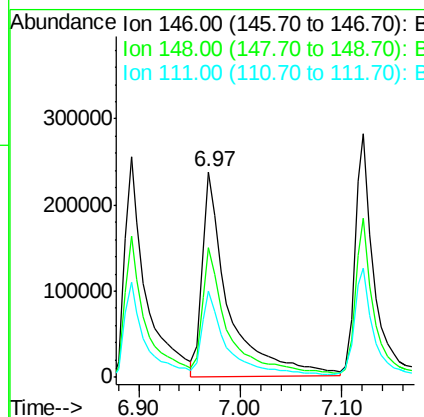
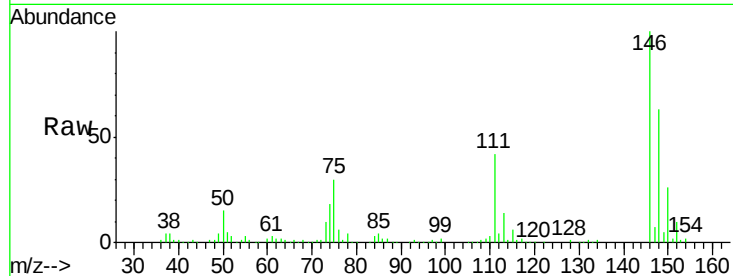
#13
 1,4-Dichlorobenzene
 Concen: 43.074 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.2	34.2	51.2

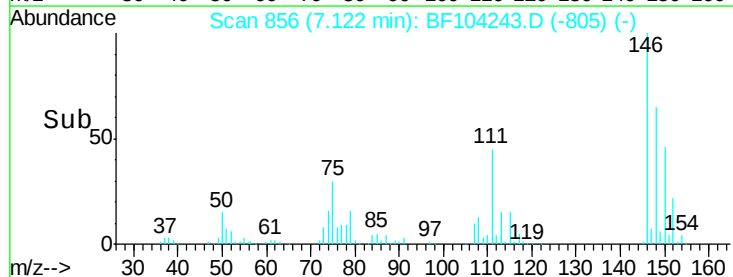
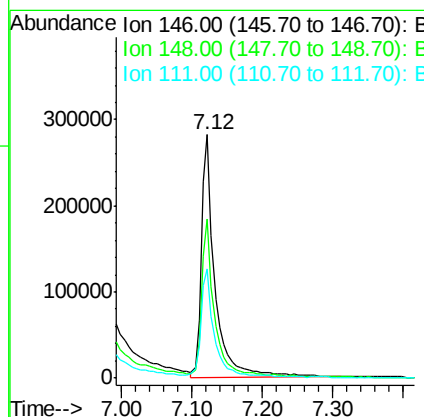
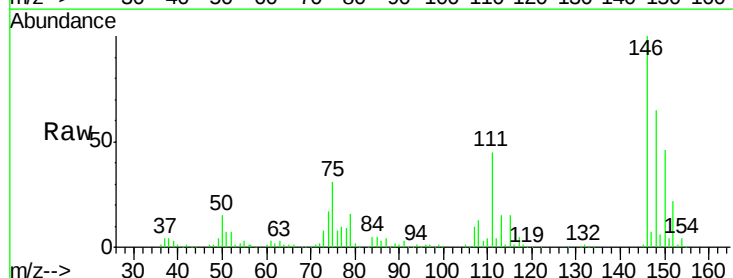
Manual Integrations
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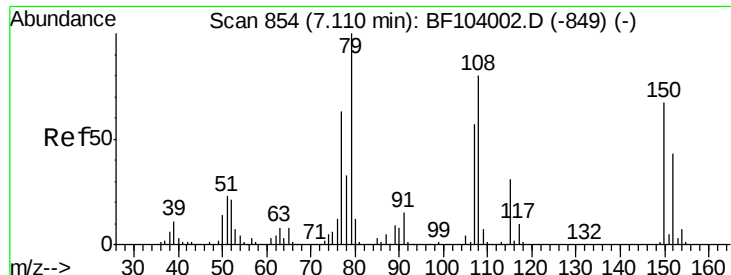
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.607 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	44.6	36.0	54.0





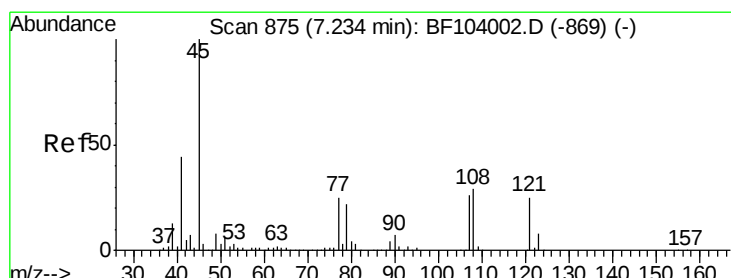
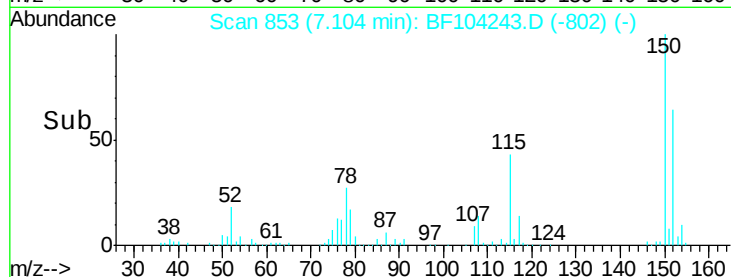
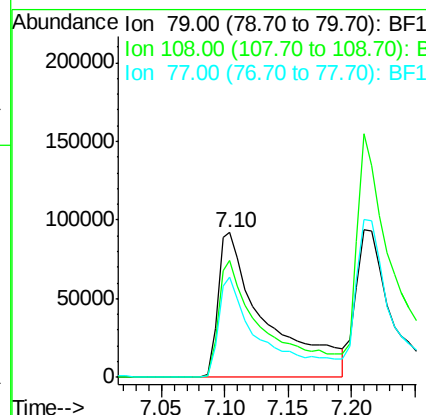
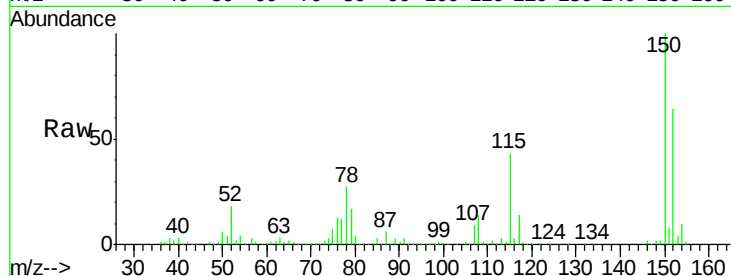
#15
Benzyl Alcohol
Concen: 40.653 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	80.7	65.1	97.7		
77	69.0	50.6	75.8		

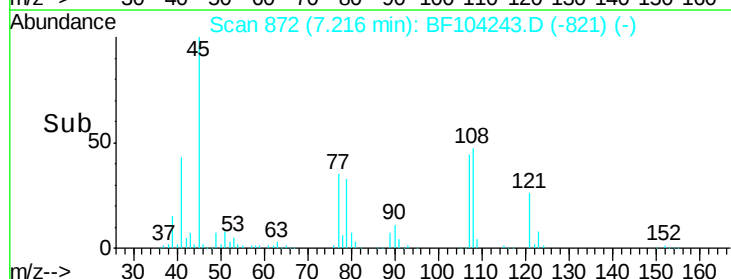
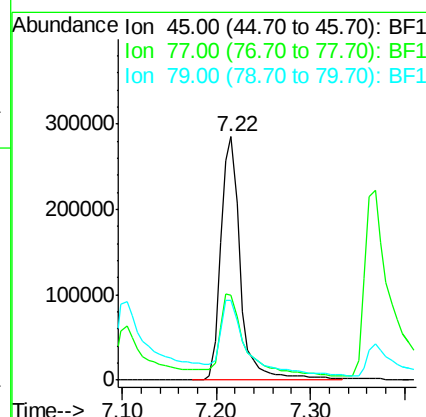
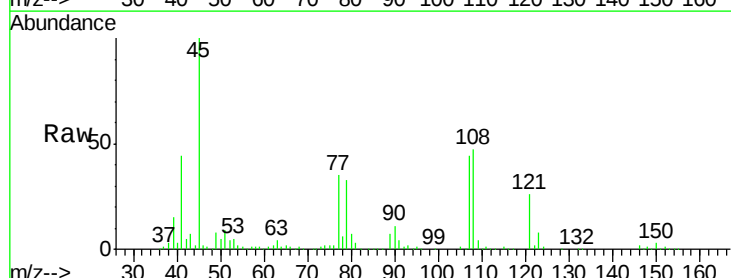
Manual Integrations
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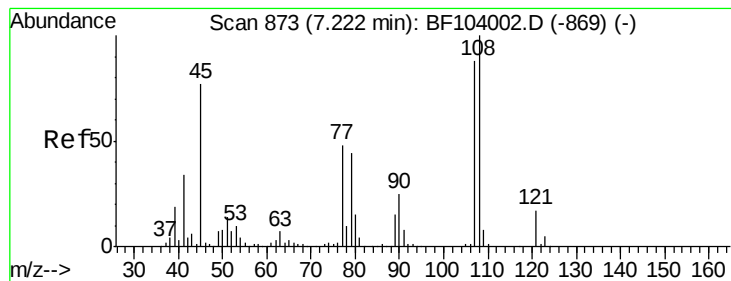
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.684 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	34.9	0.0	32.9#		
79	32.6	0.0	29.6#		





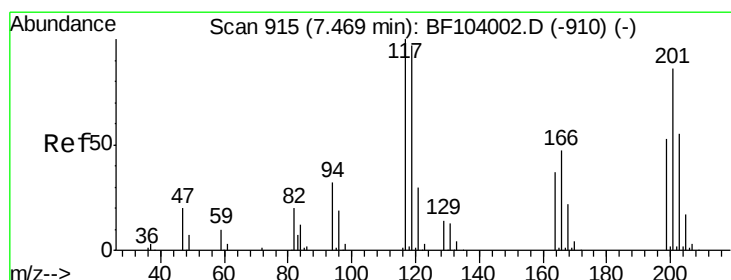
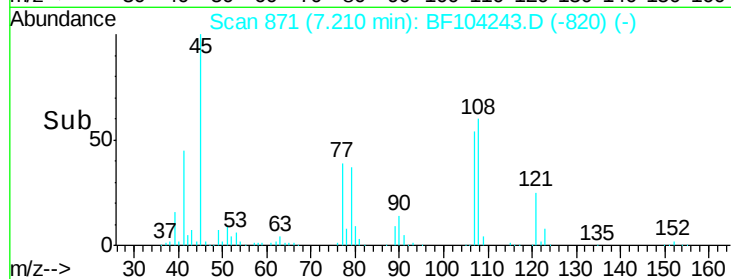
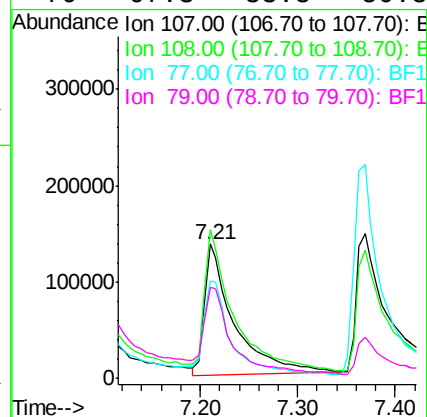
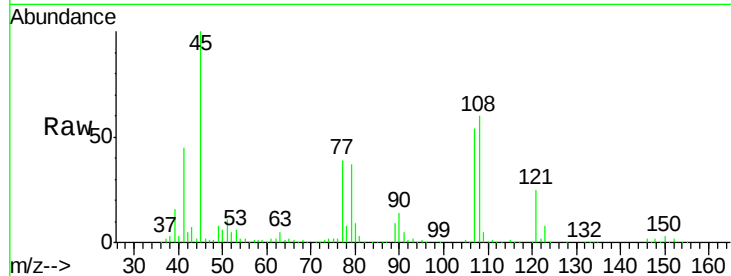
#17
2-Methylphenol
Concen: 42.855 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.7	137.5
77	72.1	33.8	50.8#
79	67.3	33.8	50.8#

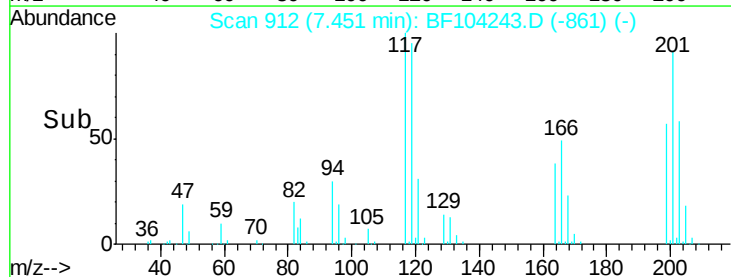
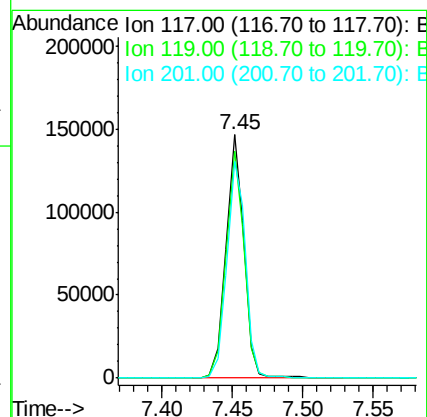
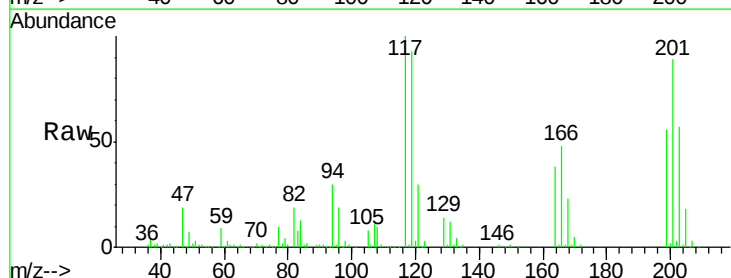
Manual Integrations
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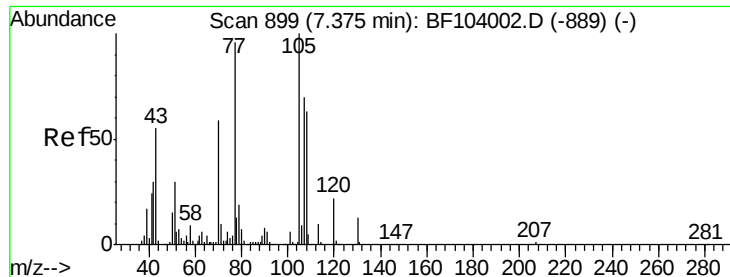
Sohil
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#18
Hexachloroethane
Concen: 38.974 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
201	89.1	75.7	113.5





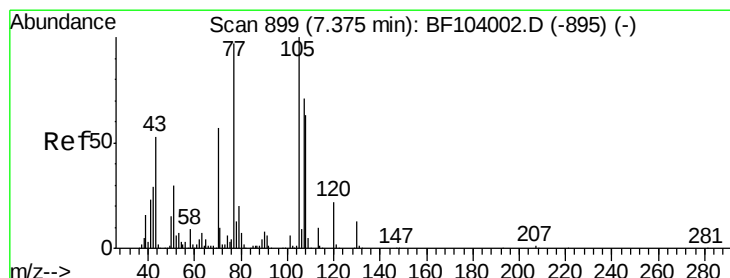
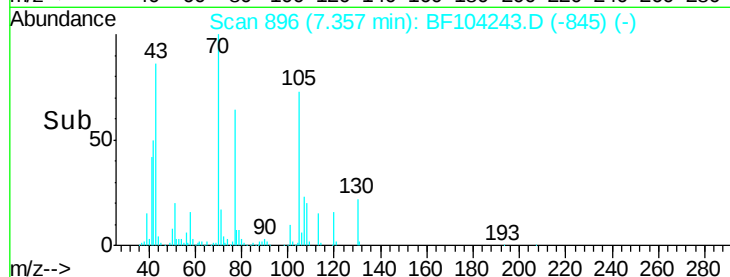
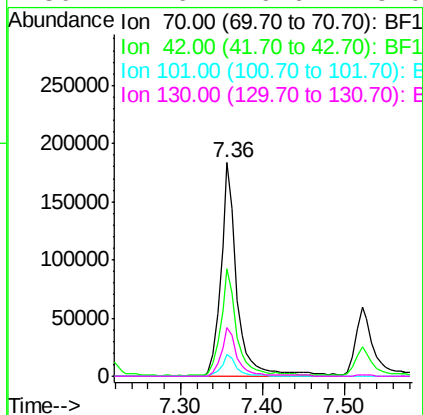
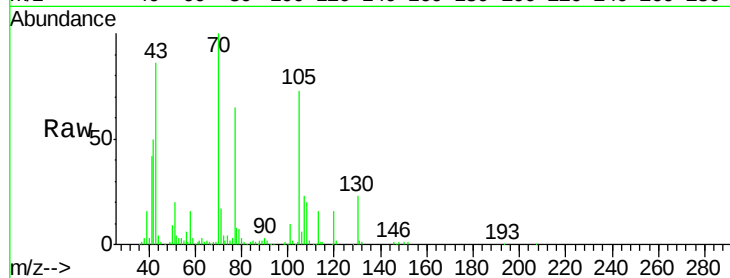
#19
n-Nitroso-di-n-propylamine
Concen: 46.031 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion:	70	Resp:	251624
Ion Ratio	Lower	Upper	
70	100		
42	50.4	47.5	71.3
101	10.1	7.4	11.2
130	22.6	16.6	25.0

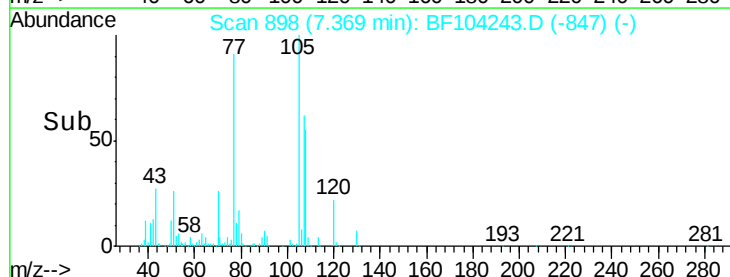
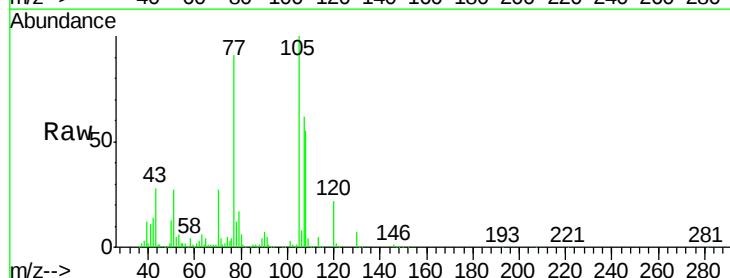
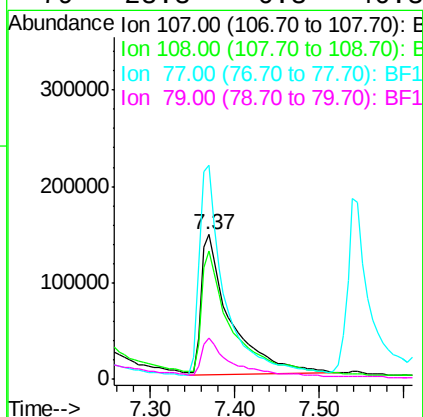
Manual Integrations
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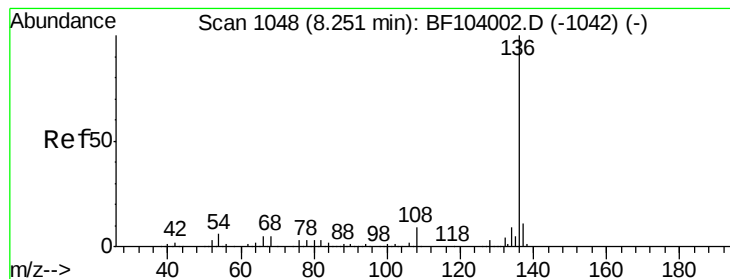
Sohil
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#20
3+4-Methylphenols
Concen: 41.341 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:	107	Resp:	352676
Ion Ratio	Lower	Upper	
107	100		
108	89.0	68.2	108.2
77	147.8	26.7	66.7#
79	28.3	6.3	46.3





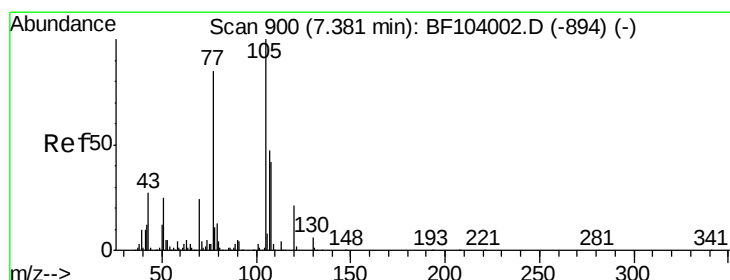
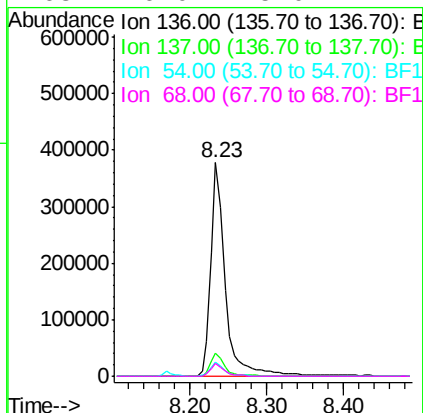
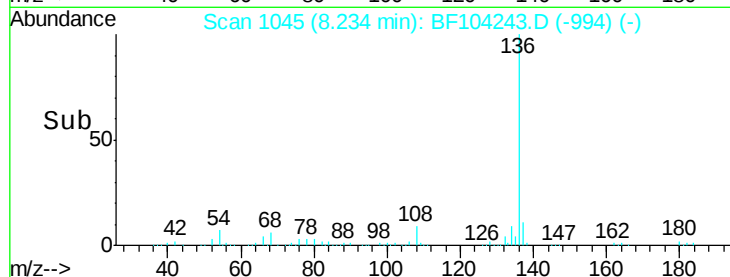
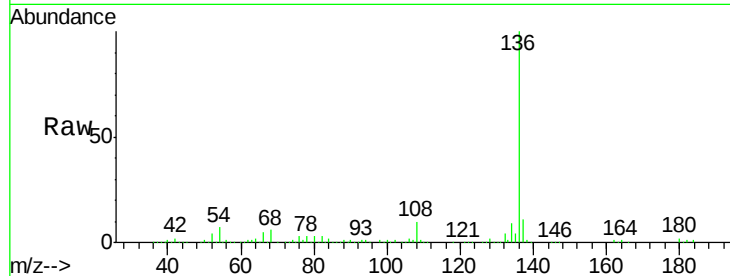
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	493514		
137	10.7		8.9	13.3
54	6.8		6.6	9.8
68	6.0		5.0	7.4

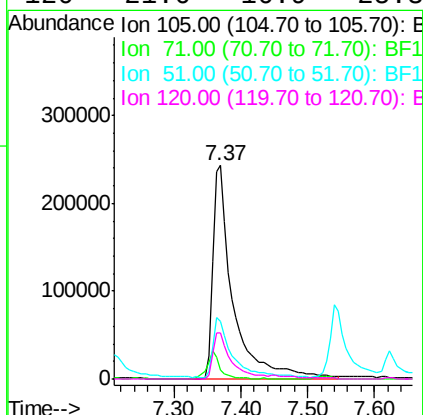
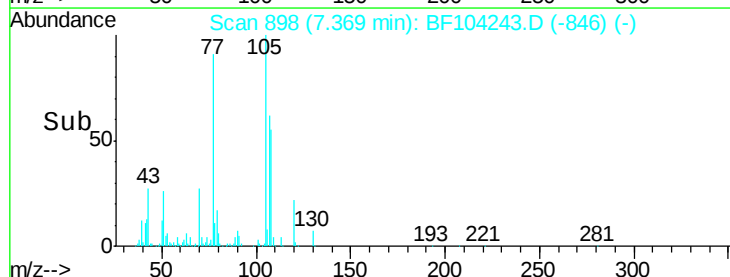
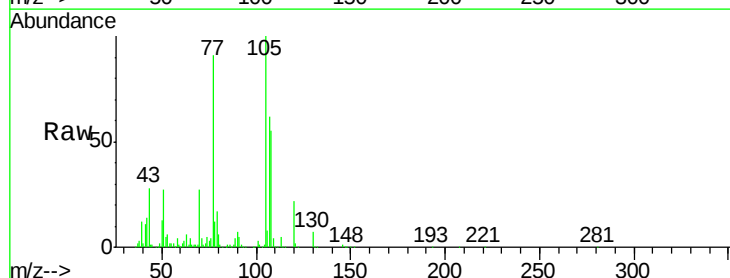
Manual Integrations
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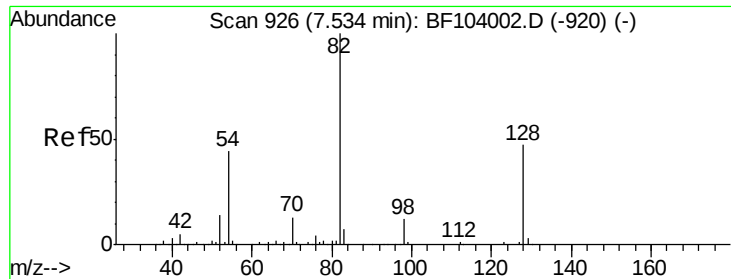
Sohil
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#22
Acetophenone
Concen: 43.412 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	518360		
71	4.0		4.4	6.6#
51	26.8		22.3	33.5
120	21.6		16.9	25.3





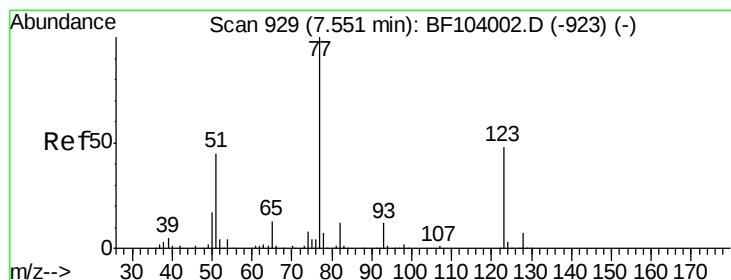
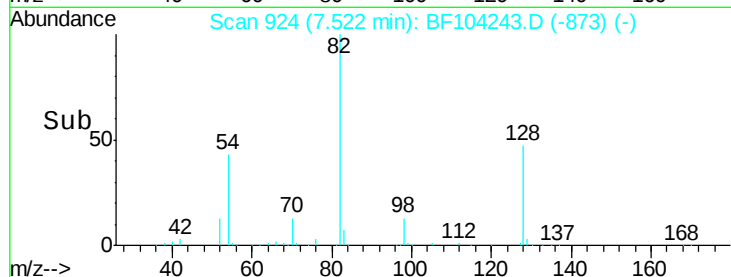
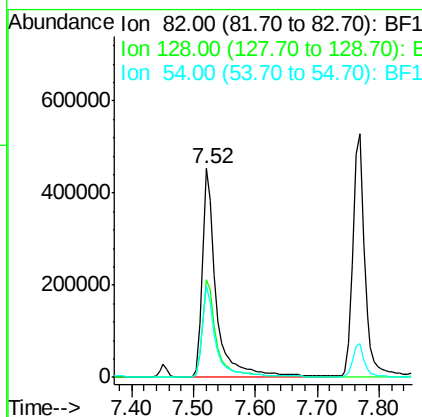
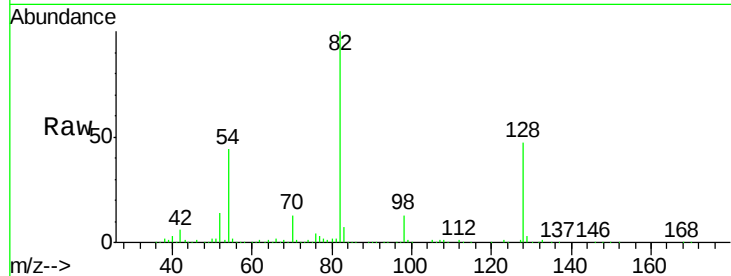
#23
 Nitrobenzene-d5
 Concen: 91.272 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	43.9	41.4	62.2

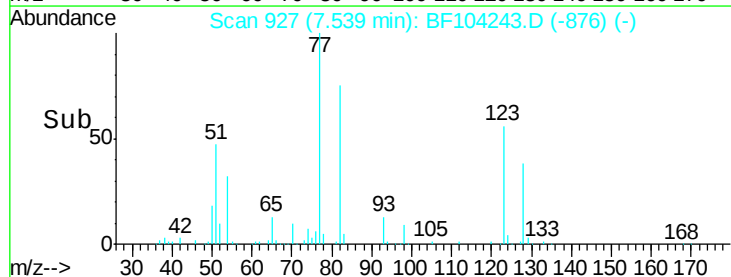
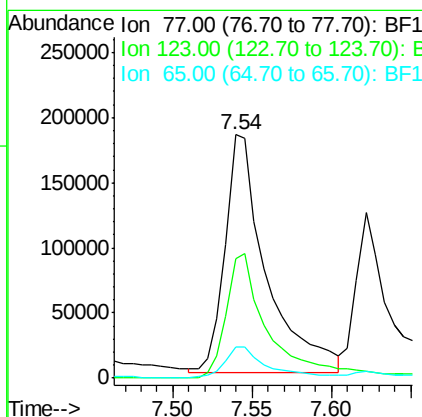
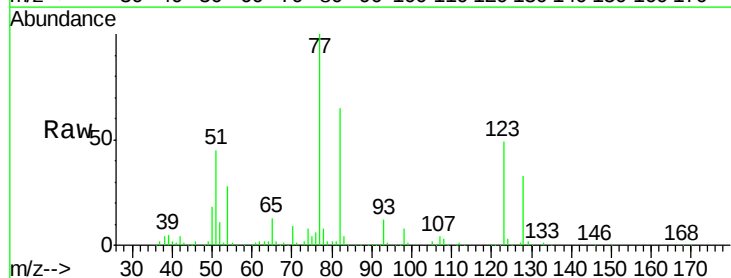
Manual Integrations
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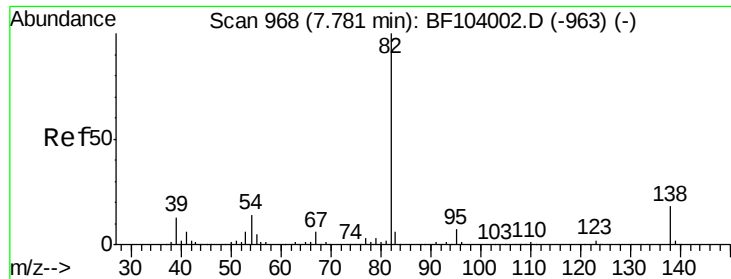
Sohil
 4/5/2018 4:39:10 PM



#24
 Nitrobenzene
 Concen: 39.198 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 45.710 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

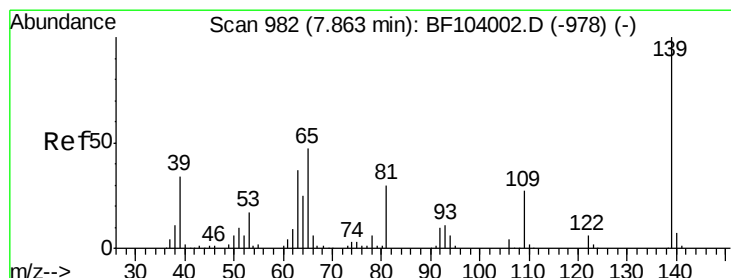
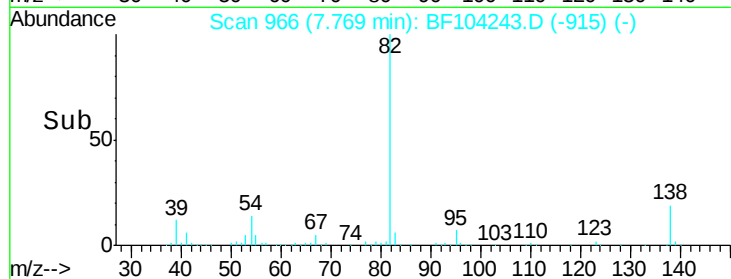
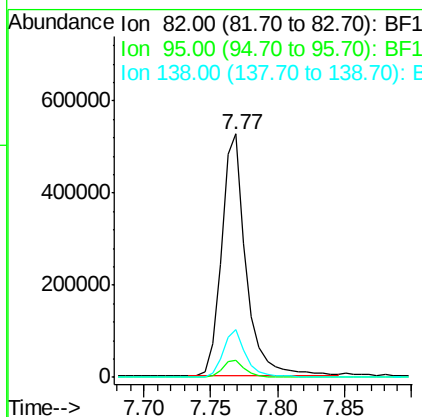
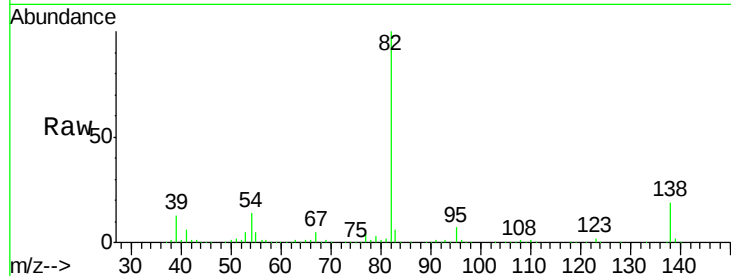
ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion:	82	Resp:	679799
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.2	7.8
138	19.4	14.9	22.3

Manual Integrations
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4/5/2018 4:39:10 PM



#26

2-Nitrophenol

Concen: 42.692 ng

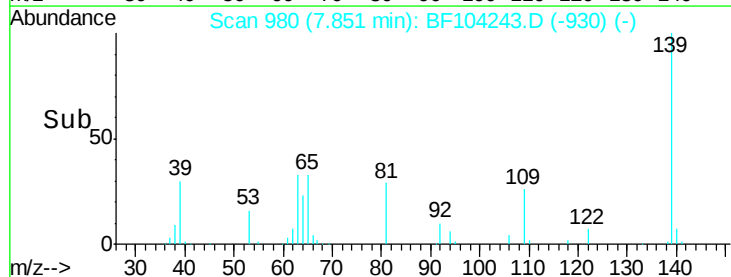
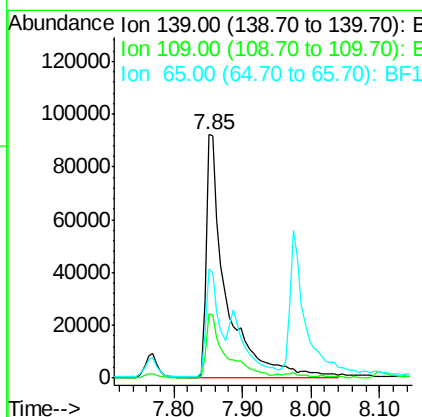
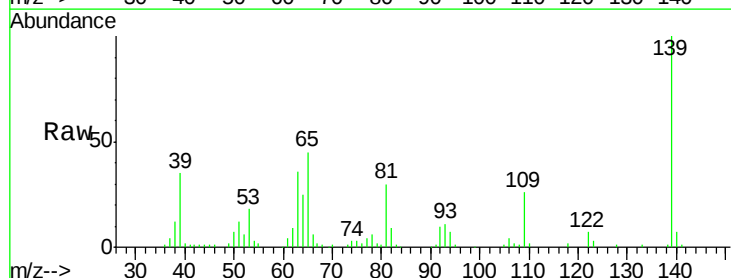
RT: 7.85 min Scan# 980

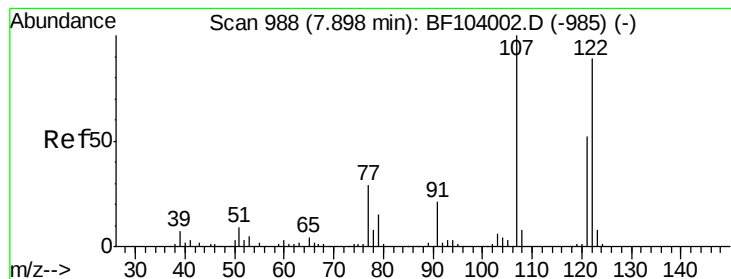
Delta R.T. -0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:	139	Resp:	189216
Ion Ratio		Lower	Upper
139	100		
109	26.4	22.7	34.1
65	44.6	40.5	60.7





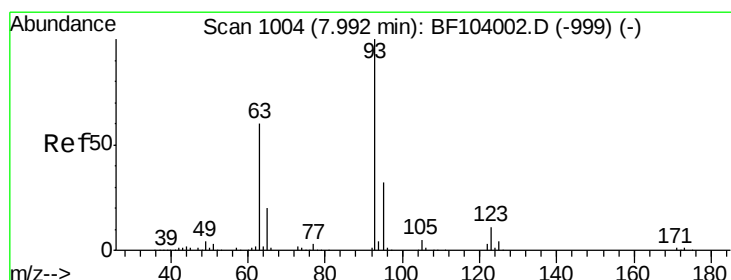
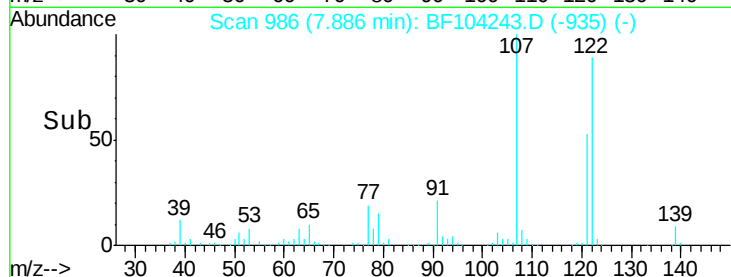
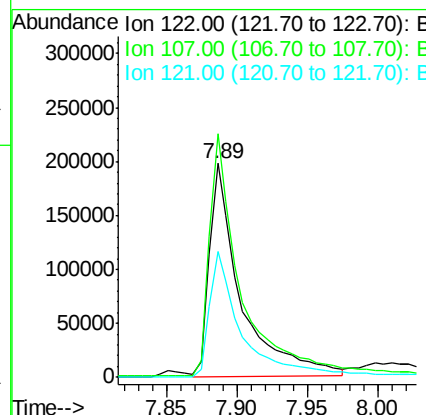
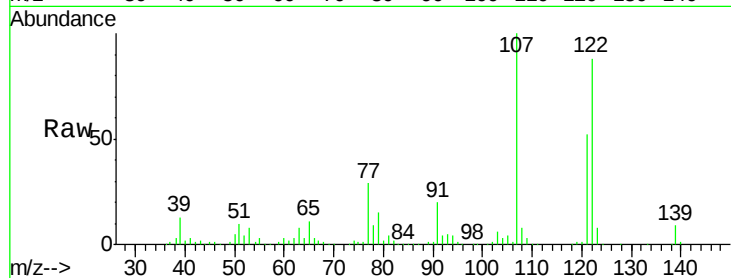
#27
2,4-Dimethylphenol
Concen: 48.164 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.2	136.8
121	59.2	47.2	70.8

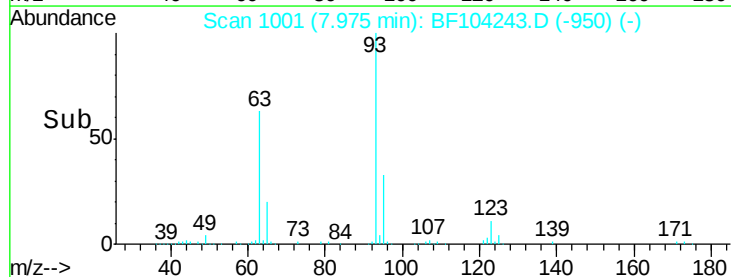
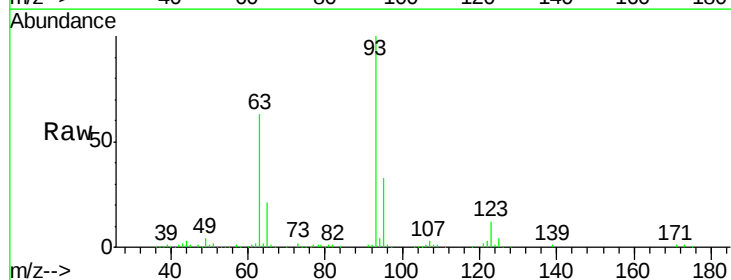
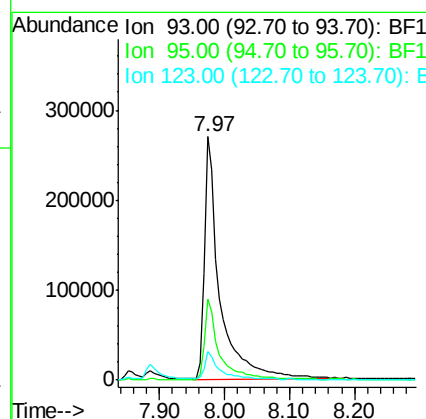
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 47.468 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.7	9.8	14.6





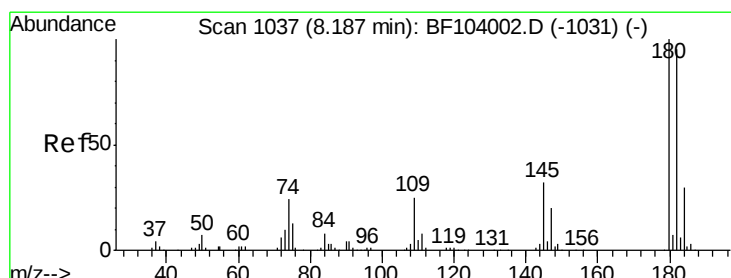
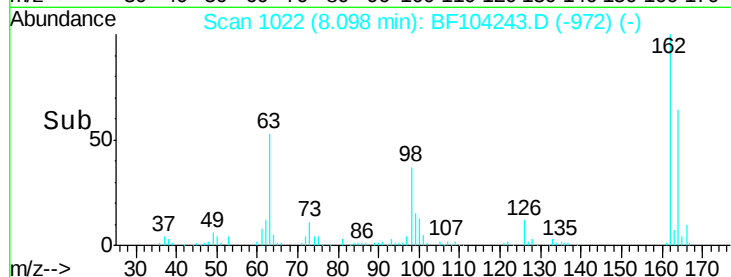
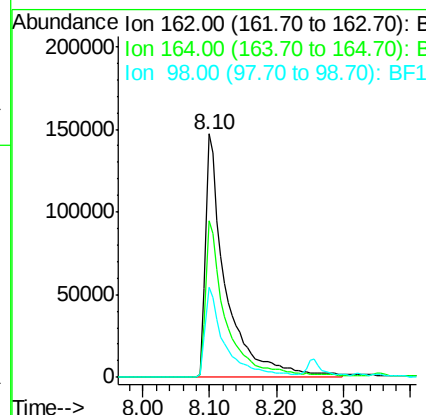
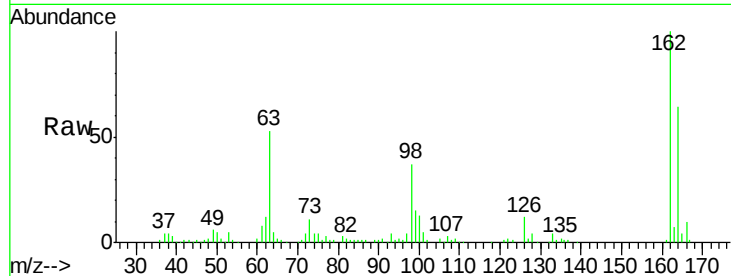
#29
 2,4-Dichlorophenol
 Concen: 46.274 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	308944		
164	64.2		42.7	82.7
98	37.1		18.1	58.1

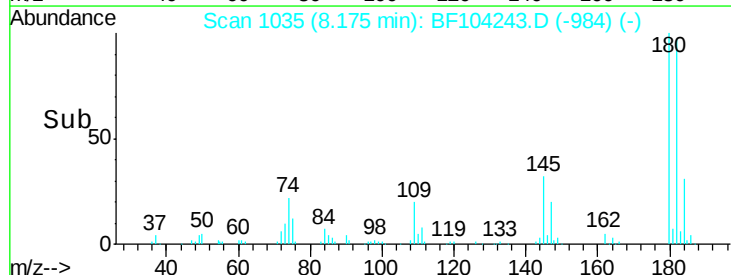
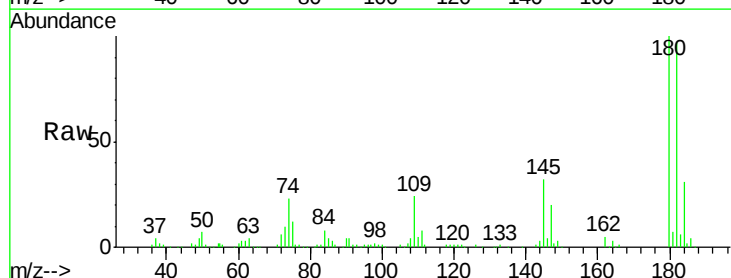
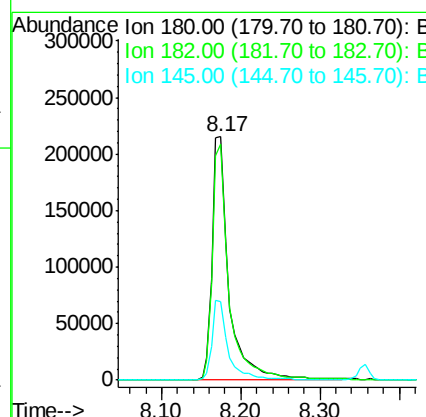
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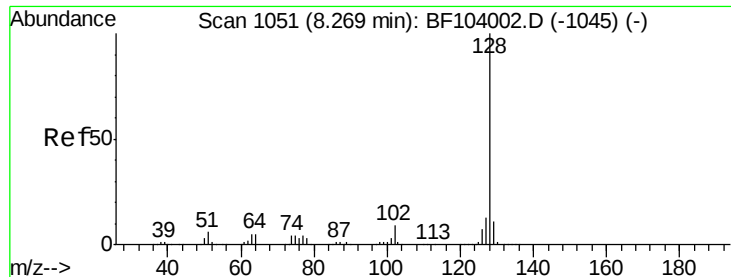
Sohil
 4/5/2018 4:39:10 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.296 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320407		
182	96.9		76.8	115.2
145	32.0		26.5	39.7





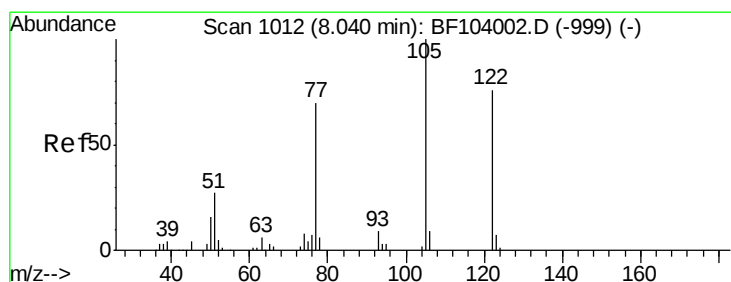
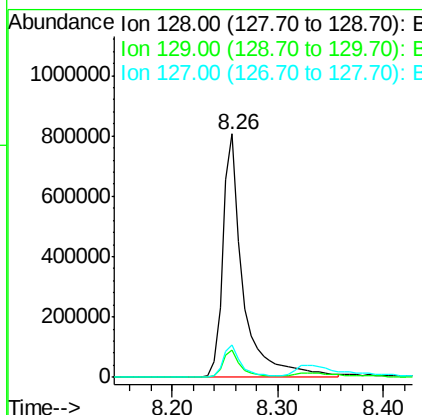
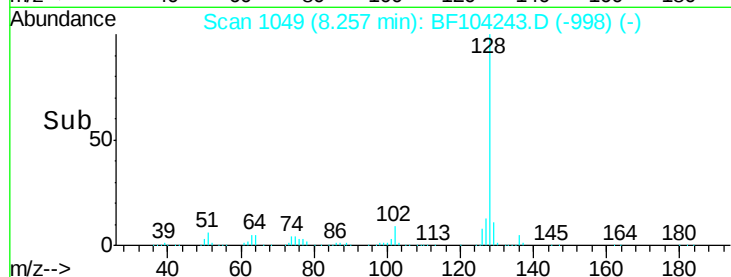
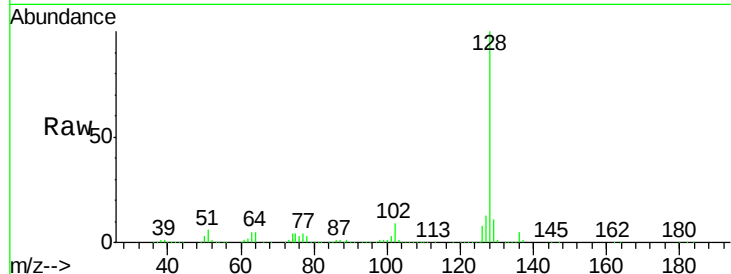
#31
Naphthalene
Concen: 44.550 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.1	10.9	16.3

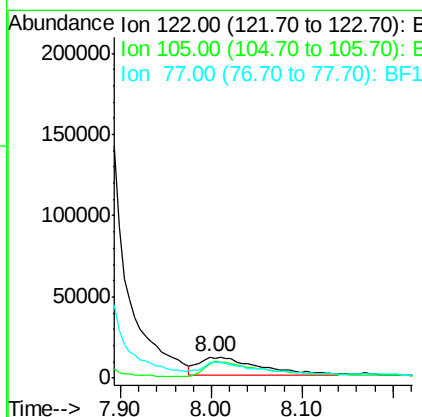
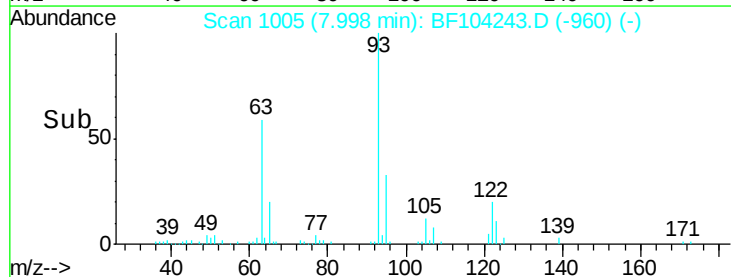
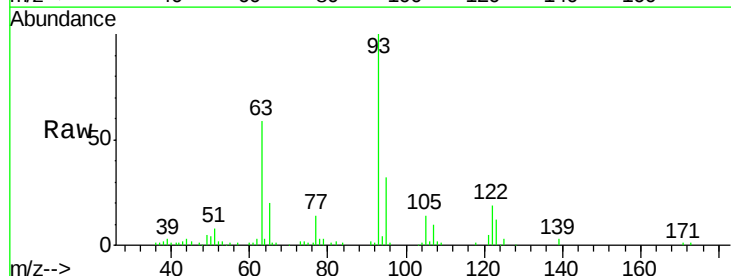
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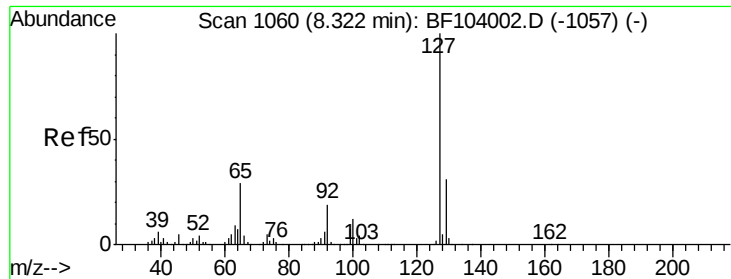
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#32
Benzoic acid
Concen: 10.955 ng m
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	70.0	101.1	141.1#
77	71.8	70.7	110.7





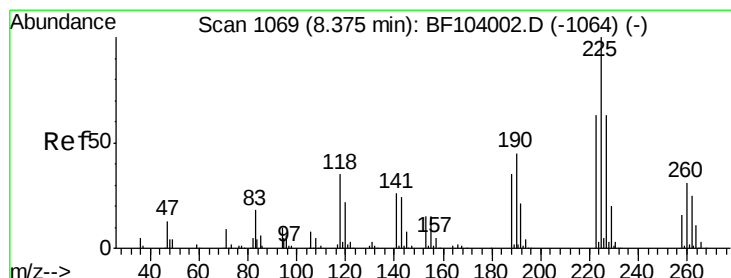
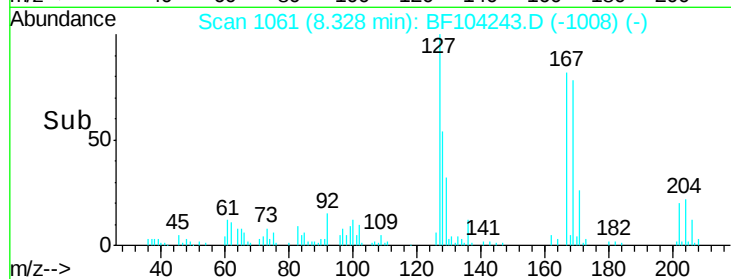
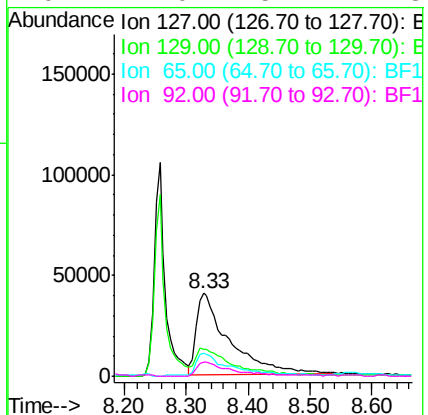
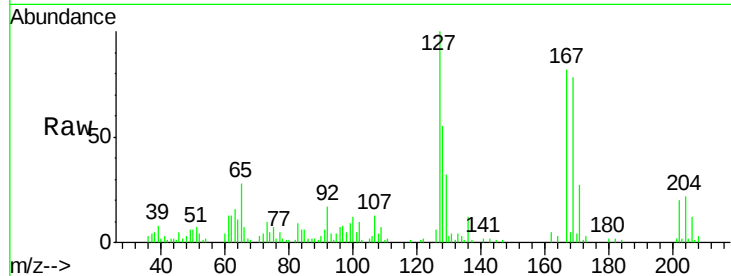
#33
 4-Chloroaniline
 Concen: 14.692 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		149337		
129	32.0	25.9	38.9		
65	28.4	25.0	37.4		
92	17.0	15.2	22.8		

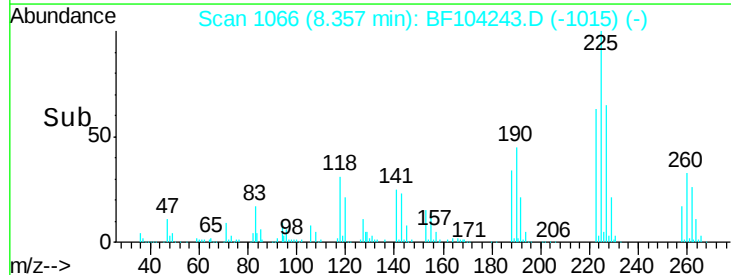
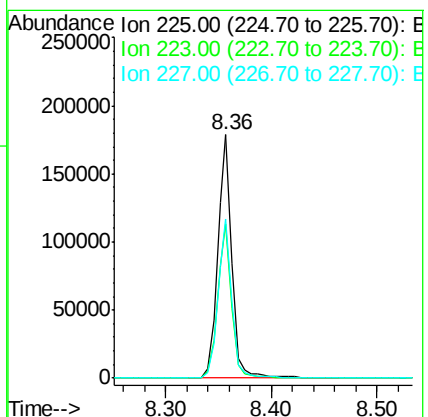
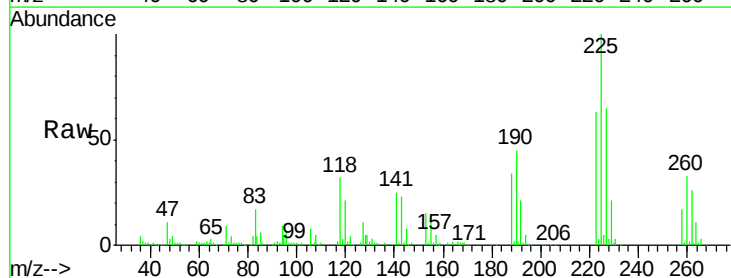
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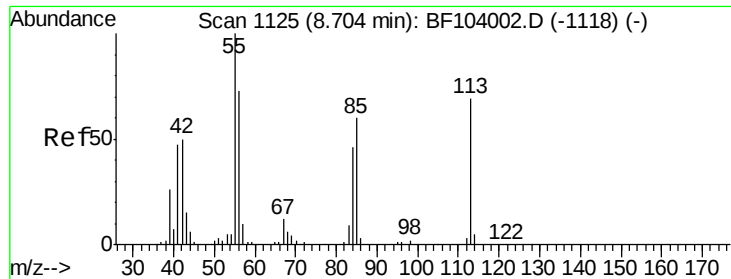
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#34
 Hexachlorobutadiene
 Concen: 41.180 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		169756		
223	63.5	50.6	76.0		
227	65.4	51.9	77.9		





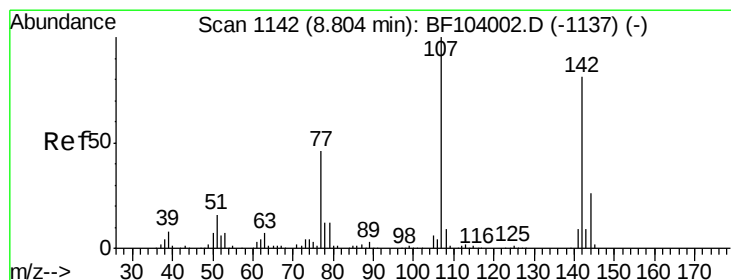
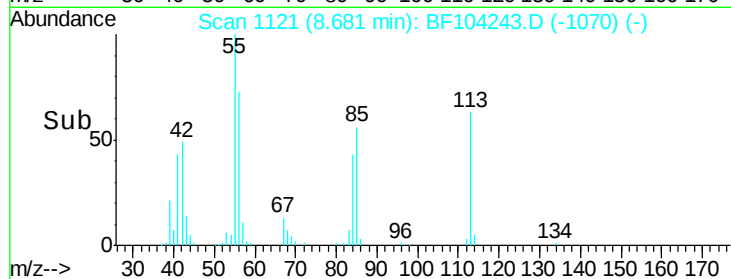
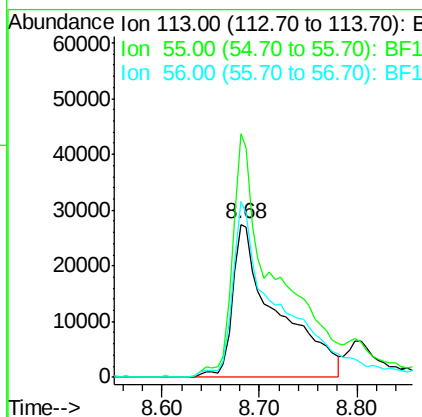
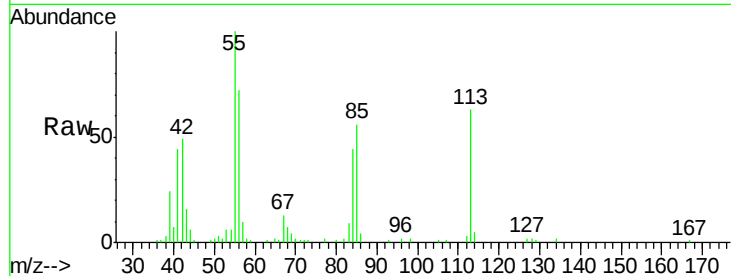
#35
 Caprolactam
 Concen: 40.706 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.0	163.3	203.3#
56	115.0	115.7	155.7#

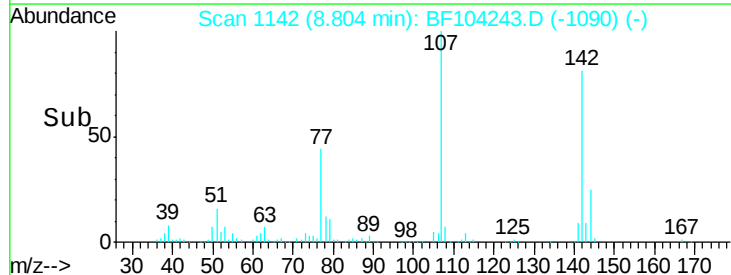
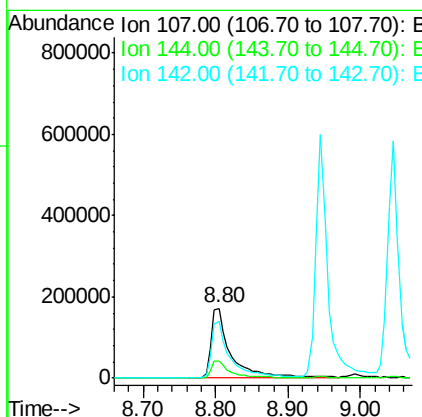
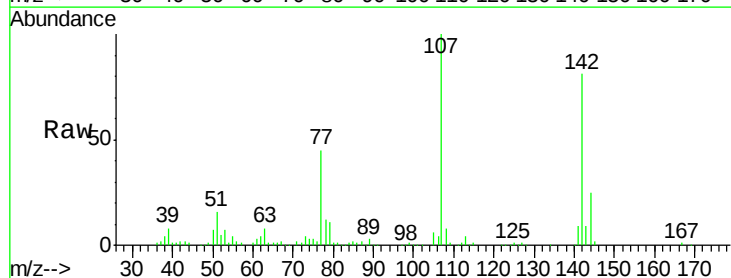
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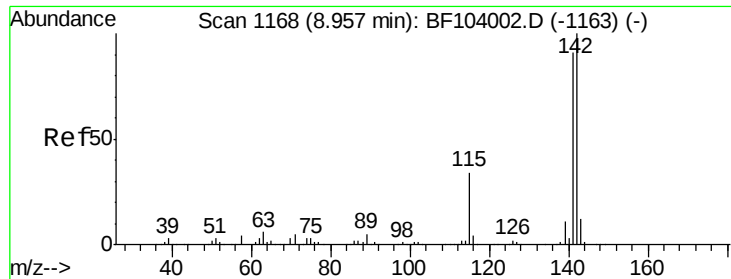
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#36
 4-Chloro-3-methylphenol
 Concen: 45.779 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	80.6	62.0	93.0





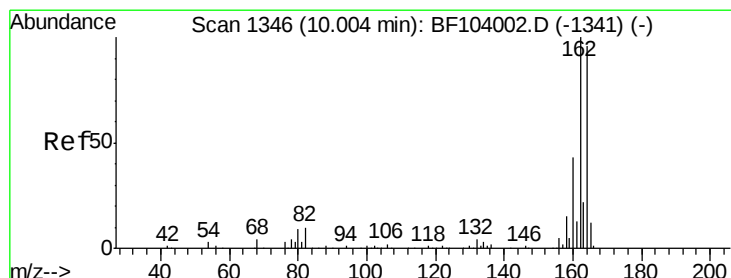
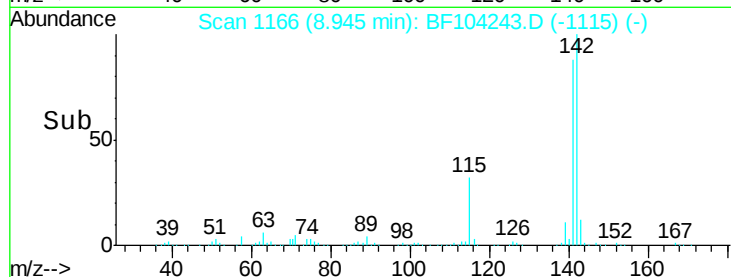
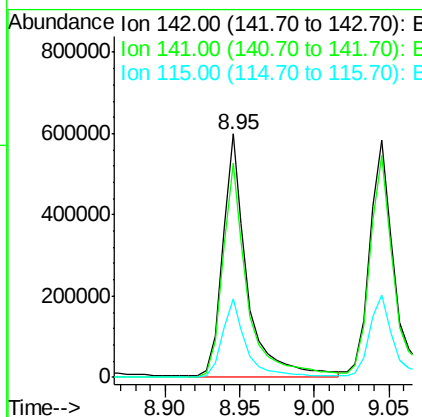
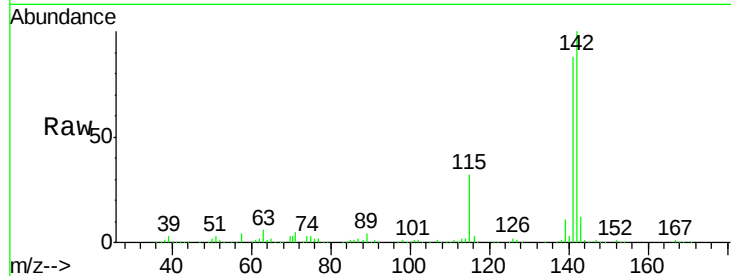
#37
2-Methylnaphthalene
Concen: 43.156 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	685369		
141	88.0		70.8	106.2
115	32.3		26.1	39.1

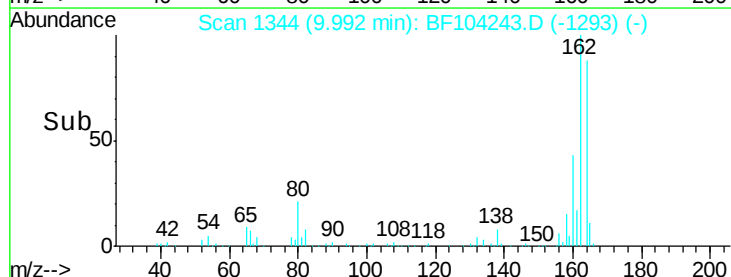
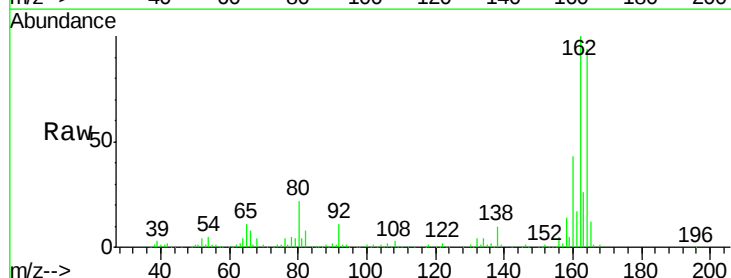
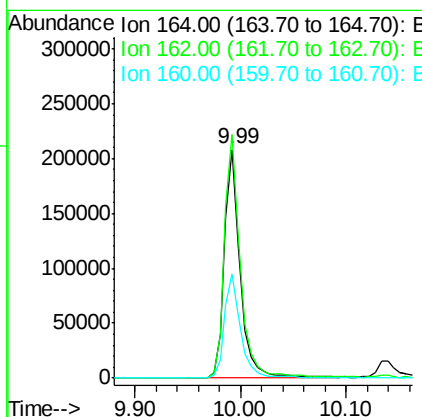
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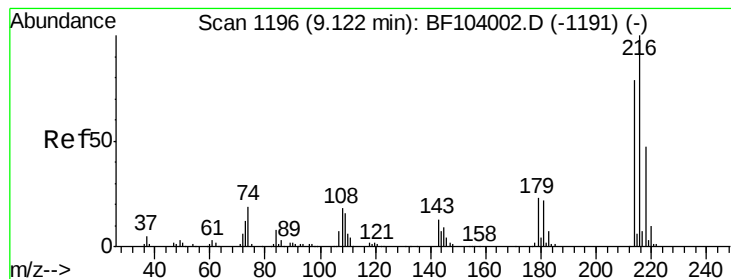
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219438		
162	106.4		86.1	129.1
160	45.8		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.841 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

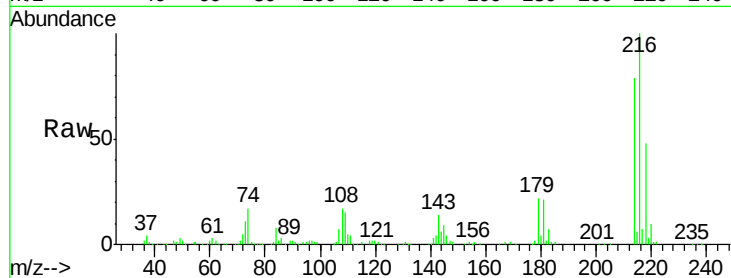
ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		308471		
214	79.2		63.0	94.4	
179	22.0		18.1	27.1	
108	18.1		17.2	25.8	

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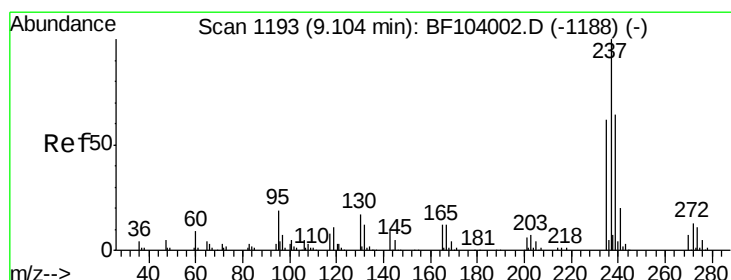
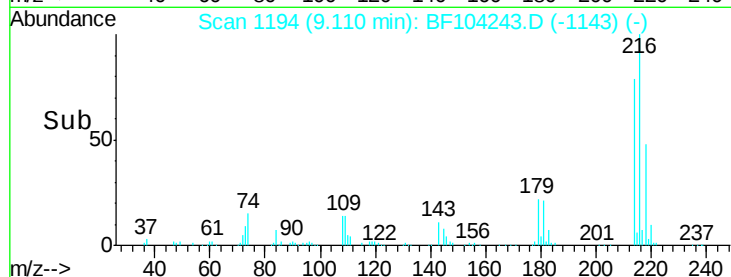
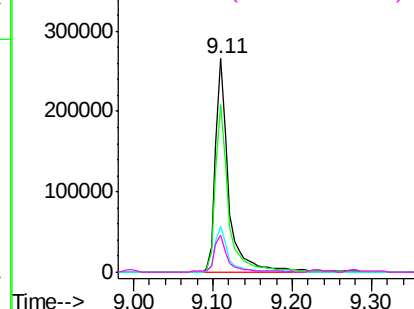


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 24.075 ng

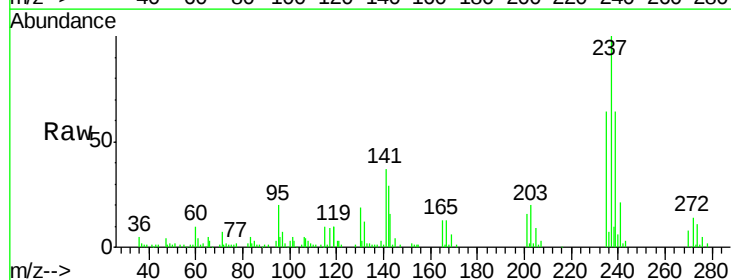
RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

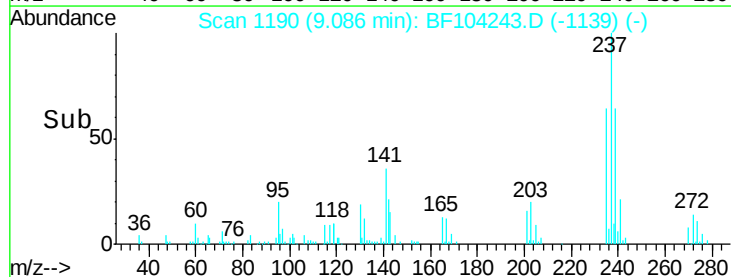
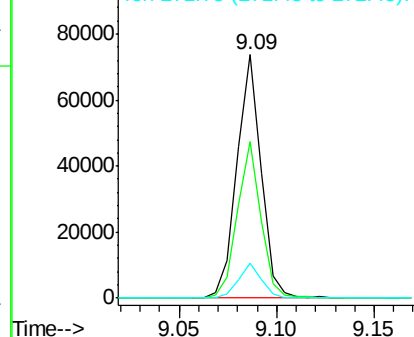
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		63467		
235	64.1		44.8	84.8	
272	14.2		0.0	33.3	

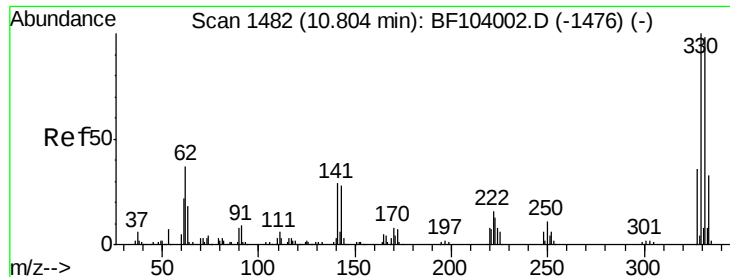


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 123.320 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

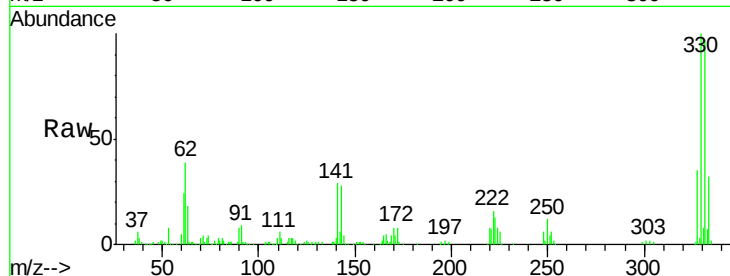
ClientSampleId :

EPE-124-2(55-57)MS

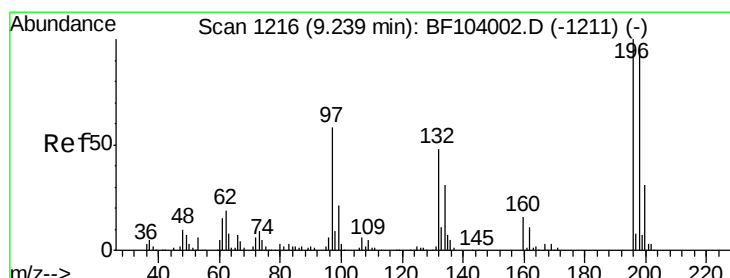
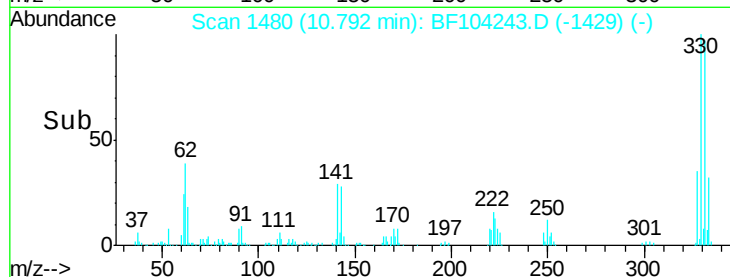
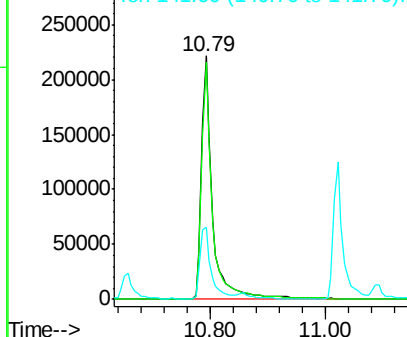
Tot Ion:	330	Resp:	301326
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.0	115.6
141	28.4	29.9	44.9#

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.090 ng

RT: 9.23 min Scan# 1214

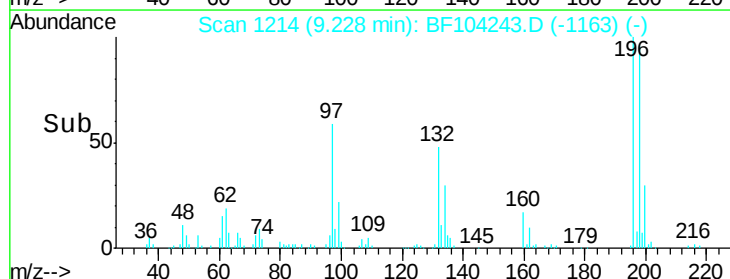
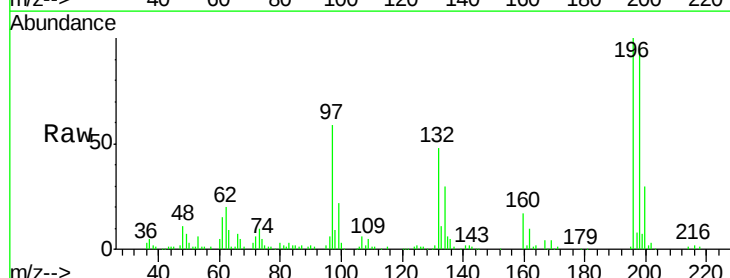
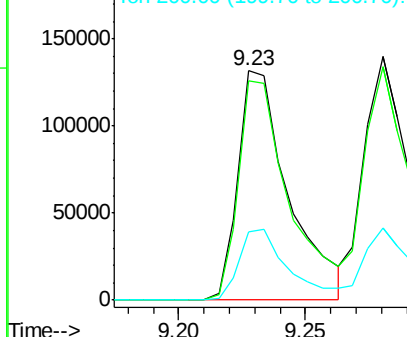
Delta R.T. -0.00 min

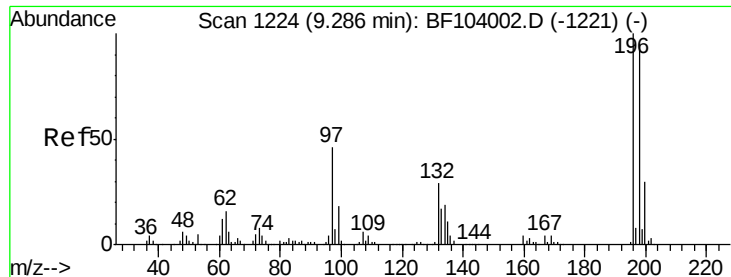
Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:	196	Resp:	183606
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	29.7	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





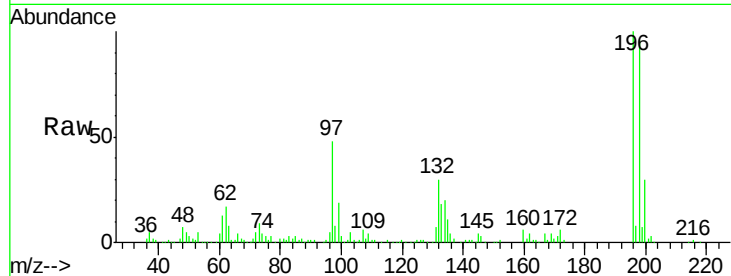
#43
 2,4,5-Trichlorophenol
 Concen: 43.329 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

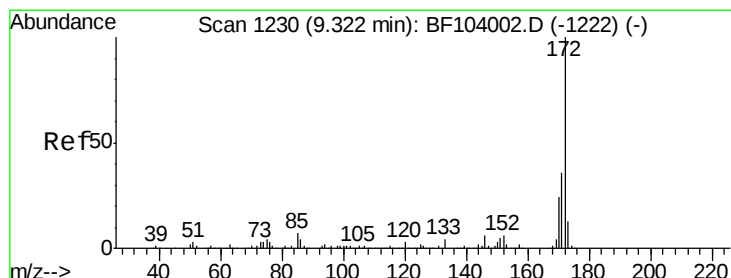
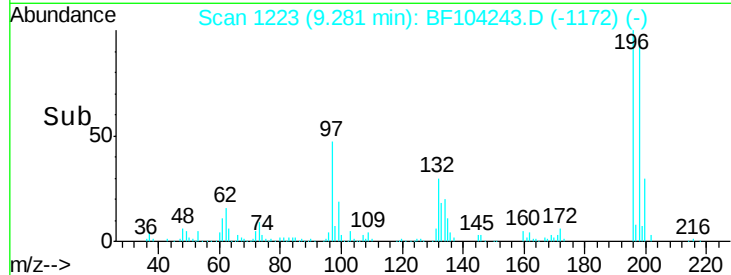
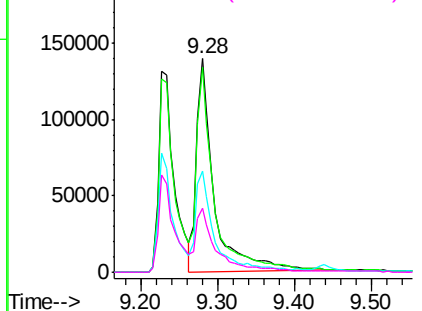
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		222919		
198	95.7	74.6	112.0		
97	47.5	42.9	64.3		
132	30.2	26.3	39.5		

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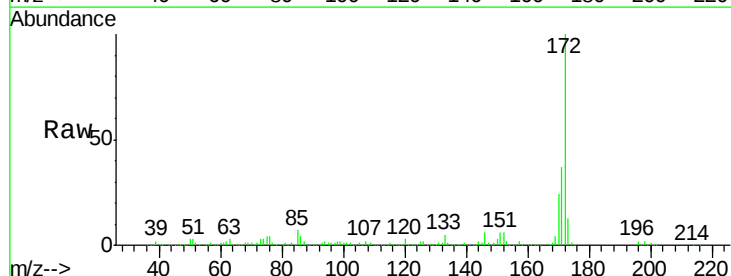


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

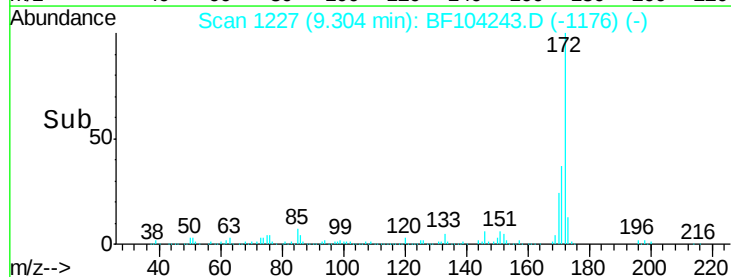
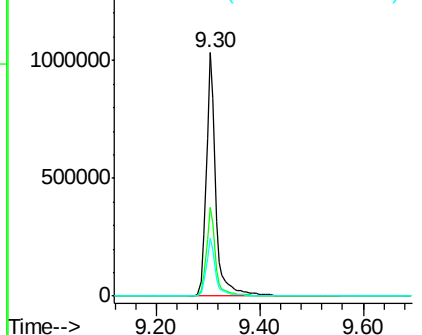


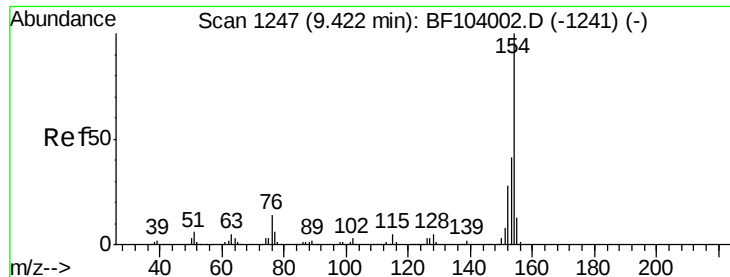
#44
 2-Fluorobiphenyl
 Concen: 96.879 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1348128		
171	36.6	29.7	44.5		
170	24.1	19.6	29.4		



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





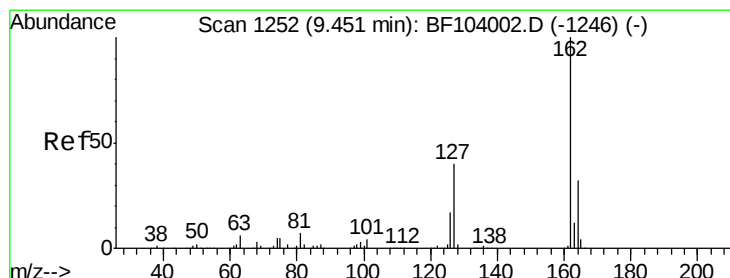
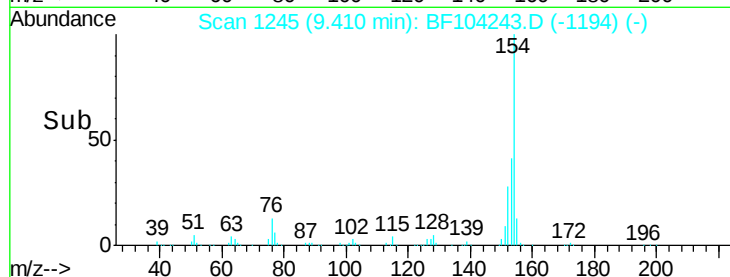
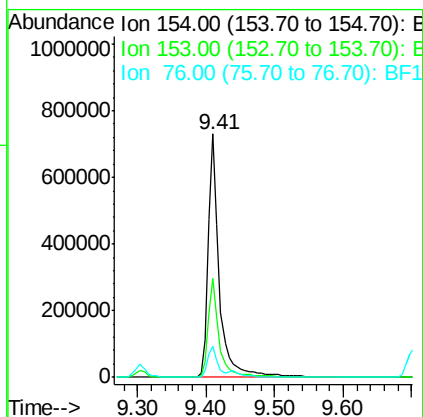
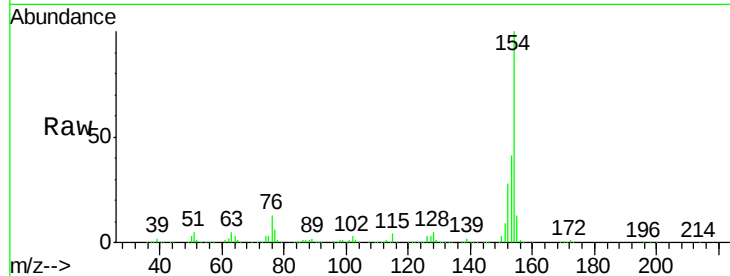
#45
 1,1'-Biphenyl
 Concen: 45.044 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.9	0.0	34.0

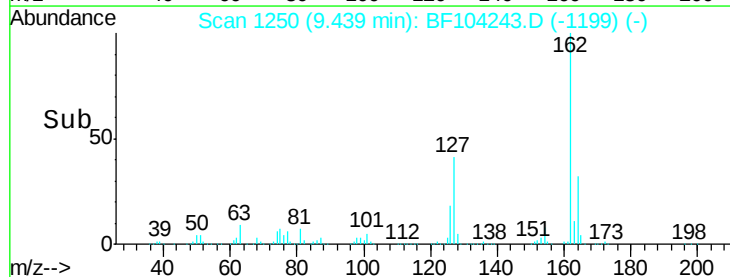
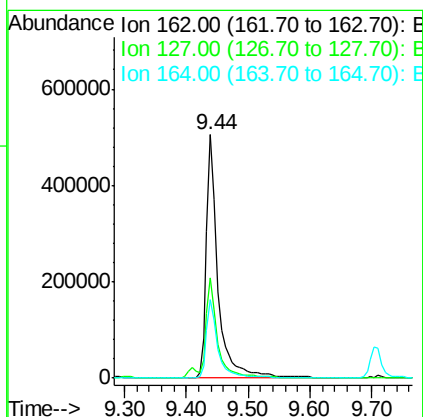
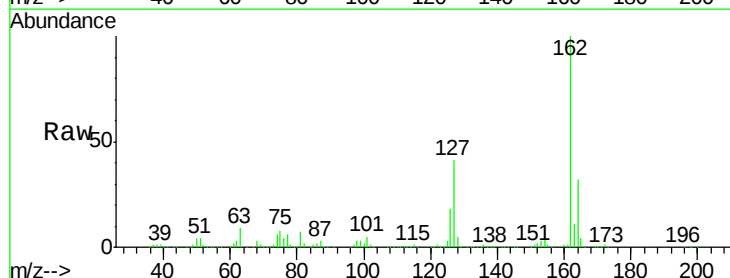
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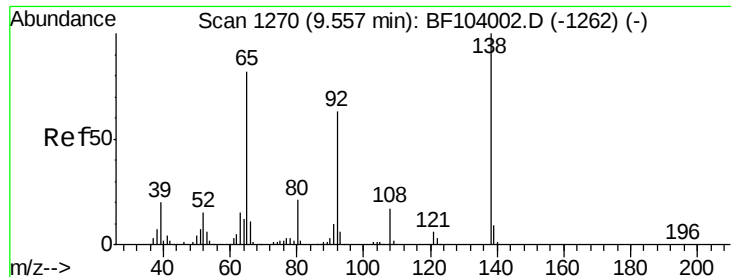
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#46
 2-Chloronaphthalene
 Concen: 44.779 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.4	26.5	39.7





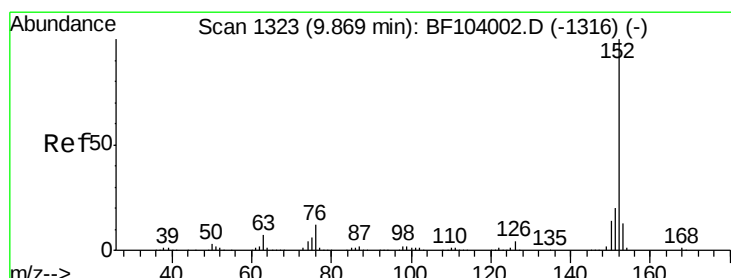
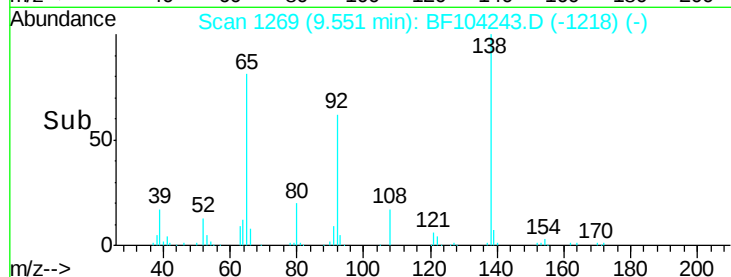
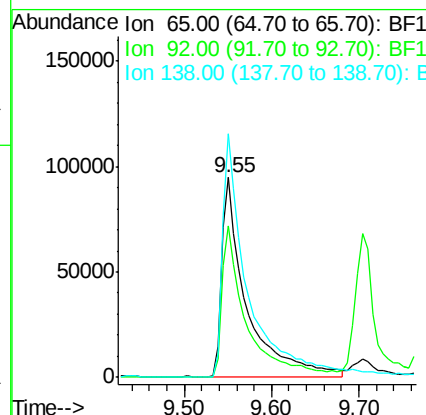
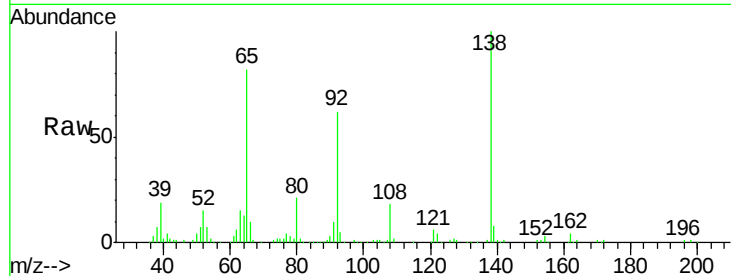
#47
2-Nitroaniline
Concen: 44.140 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.0	55.8	83.6
138	121.8	91.2	136.8

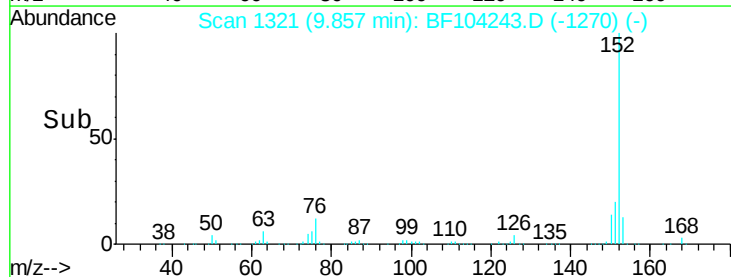
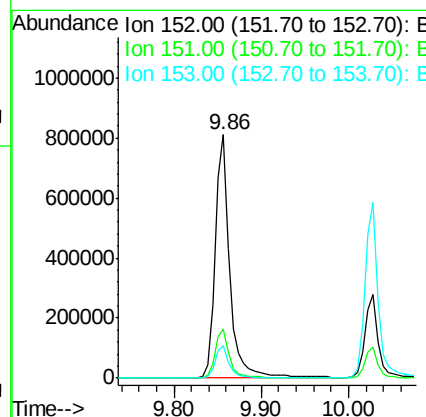
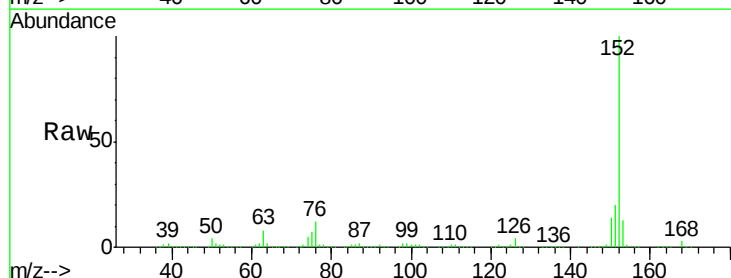
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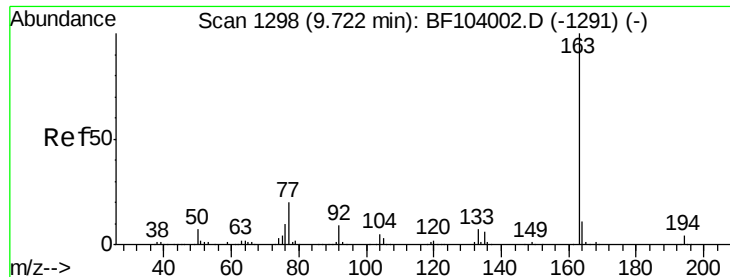
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#48
Acenaphthylene
Concen: 41.871 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.7	16.1





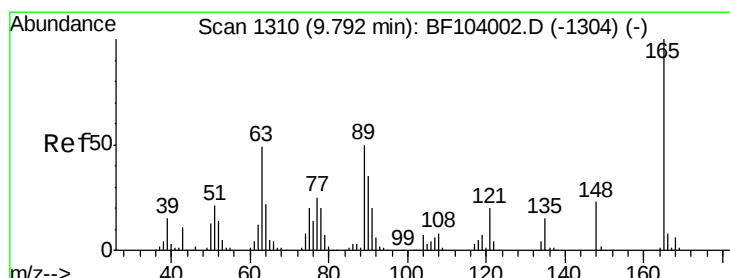
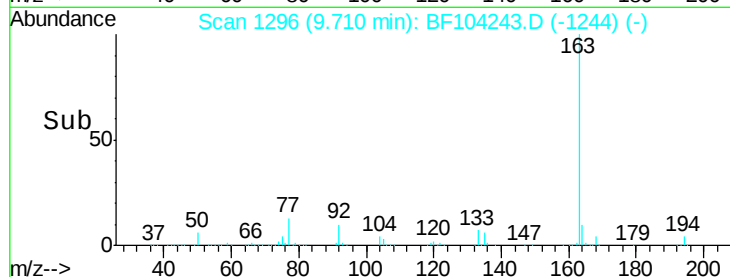
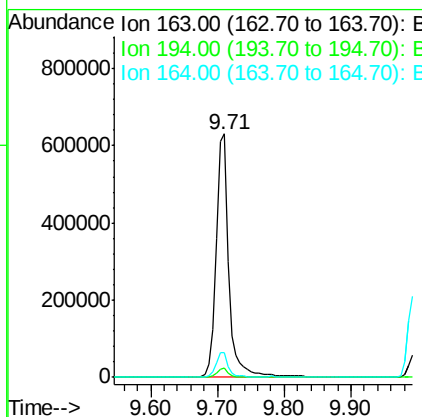
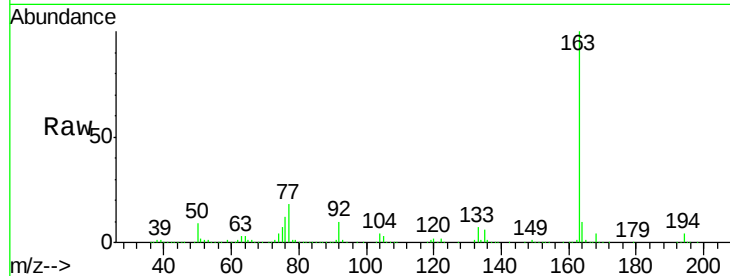
#49
Dimethylphthalate
Concen: 49.455 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	856831		
194	3.8		2.7	4.1
164	10.0		8.2	12.2

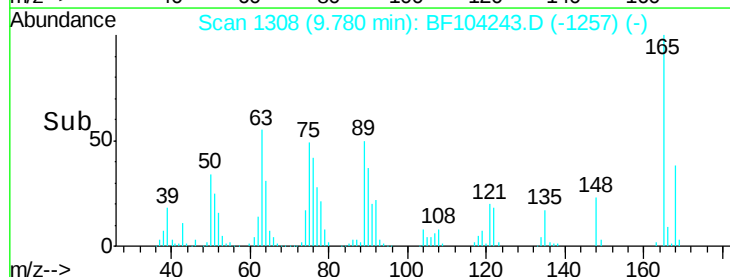
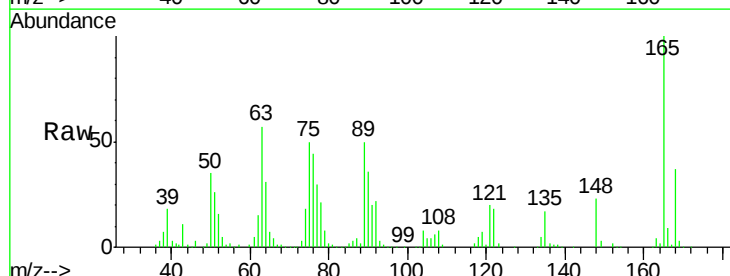
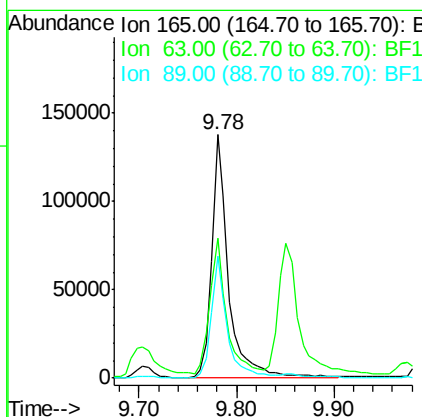
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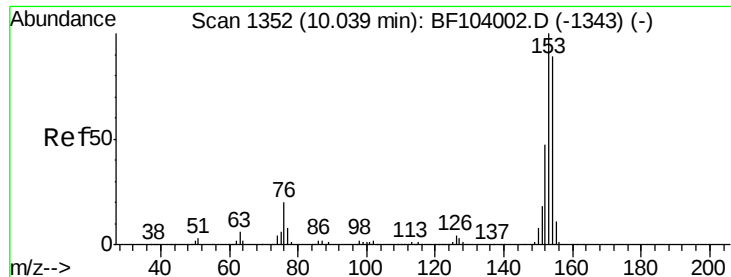
Sohil
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#50
2,6-Dinitrotoluene
Concen: 44.173 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164649		
63	57.3		44.7	67.1
89	50.3		44.0	66.0





#51

Acenaphthene

Concen: 43.486 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

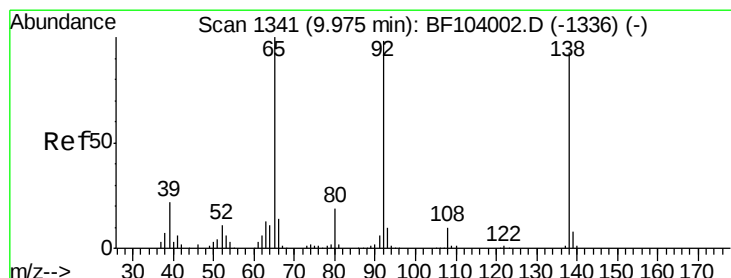
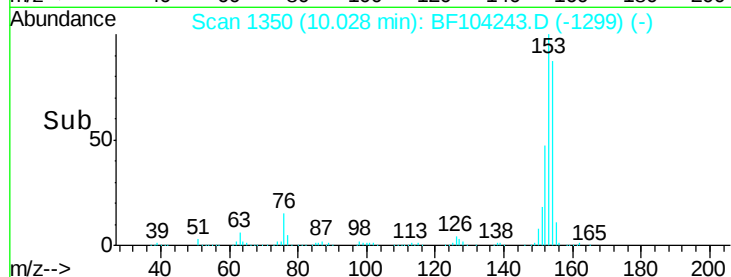
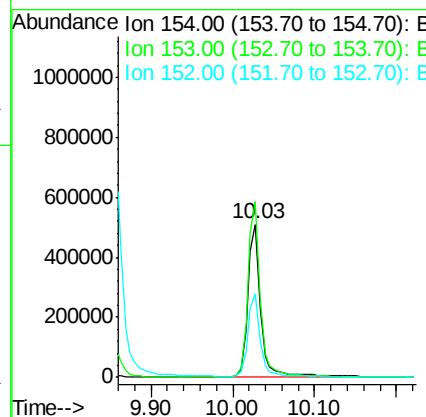
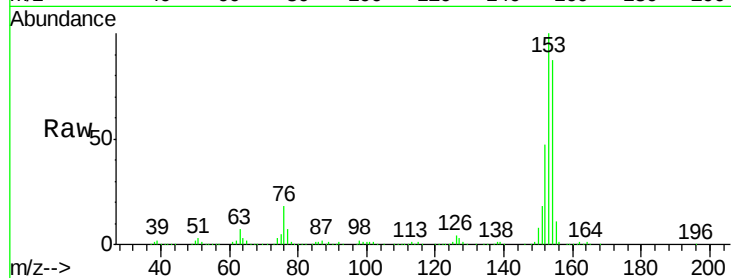
ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	54.6	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 26.478 ng

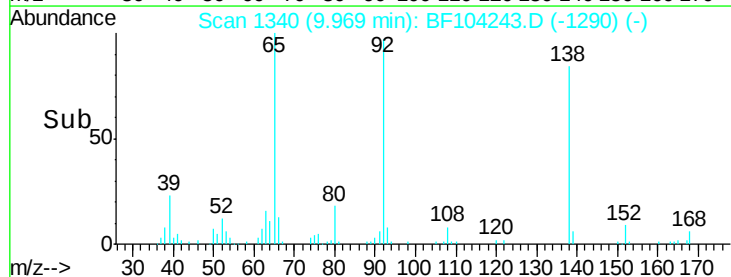
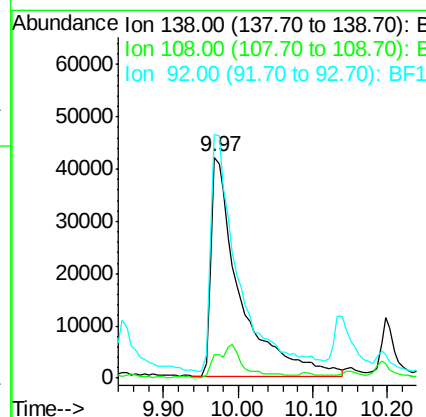
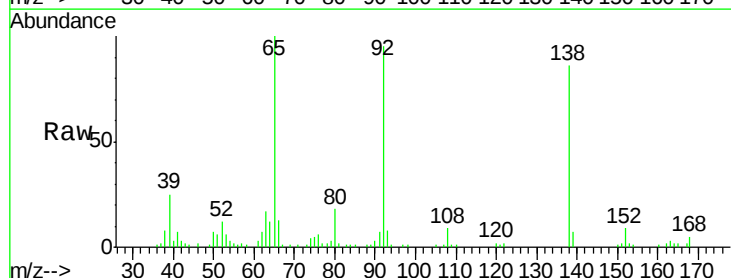
RT: 9.97 min Scan# 1340

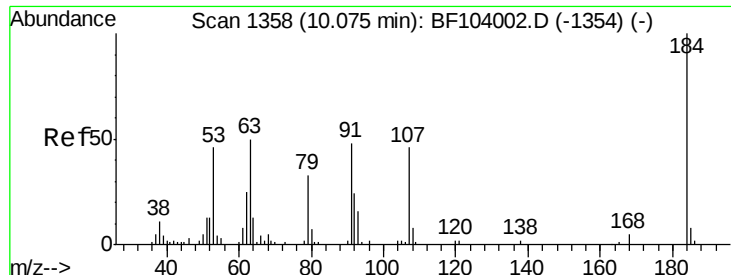
Delta R.T. -0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	110.2	89.4	134.2





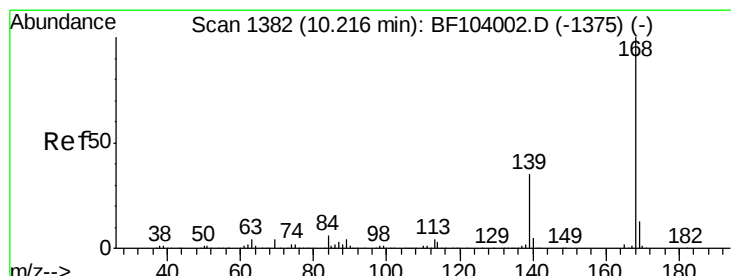
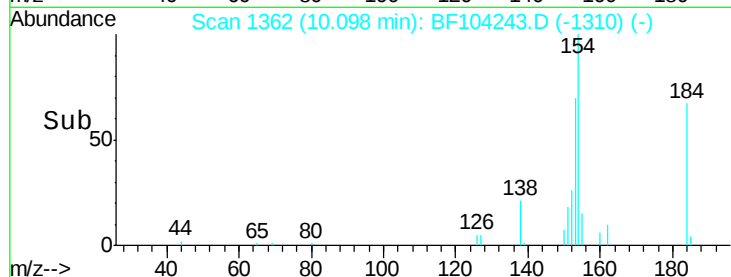
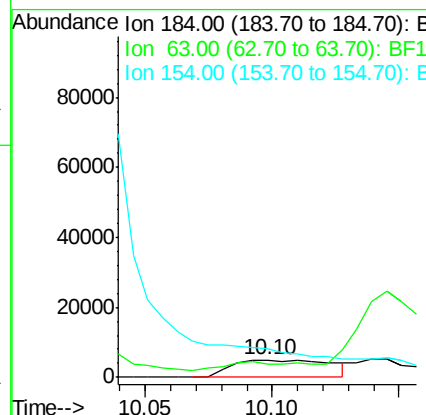
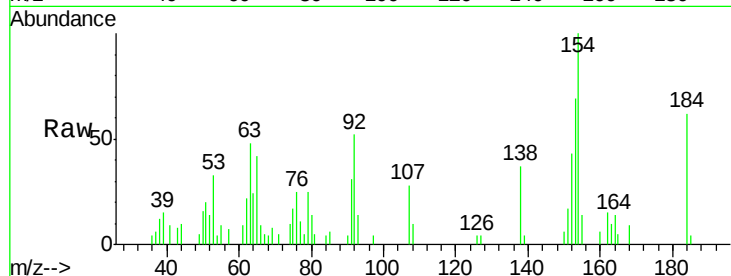
#53
 2,4-Dinitrophenol
 Concen: 13.347 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.7	54.2	81.2	
154	160.6	184.0	276.0	

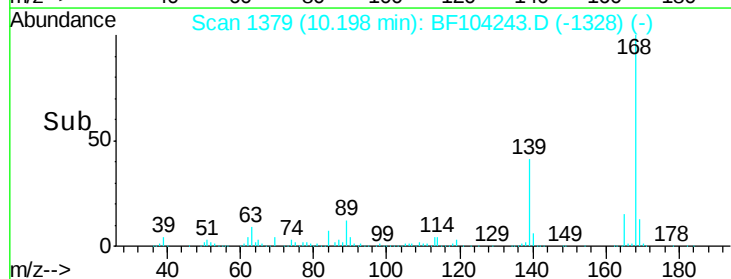
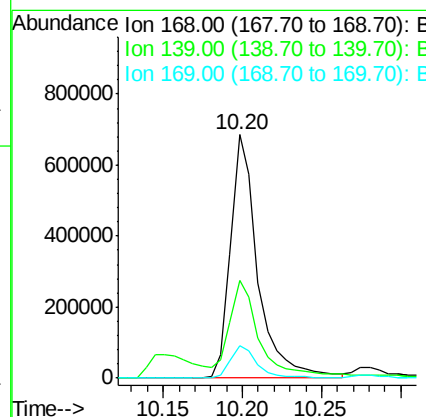
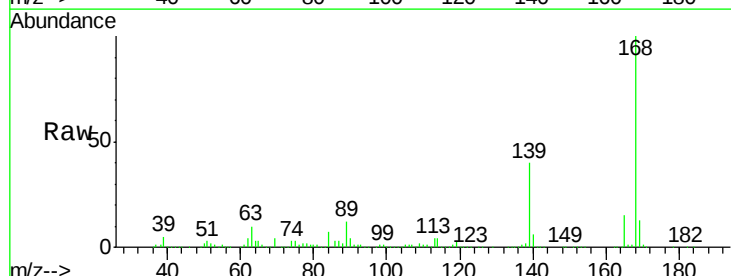
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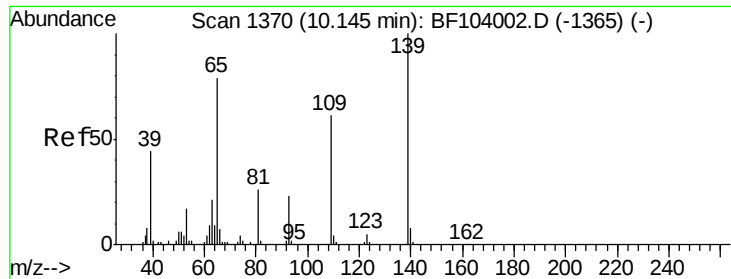
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#54
 Dibenzofuran
 Concen: 43.126 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	30.1	45.1	
169	13.3	10.9	16.3	





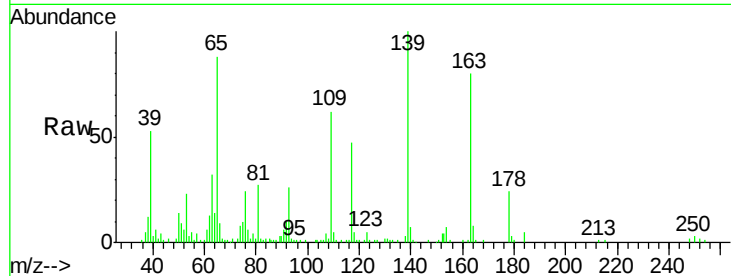
#55
4-Nitrophenol
Concen: 52.956 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	136053		
109	62.1	48.4	88.4	
65	87.6	72.6	112.6	

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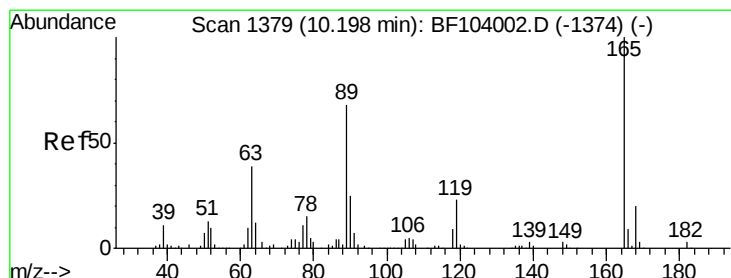
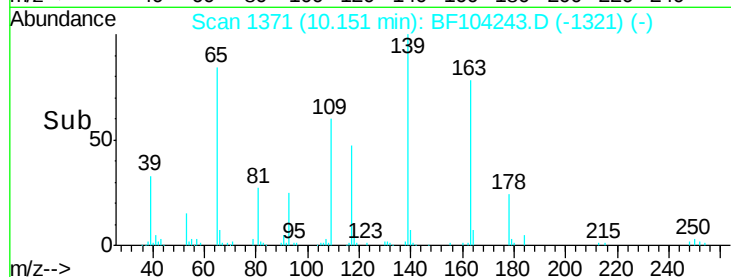
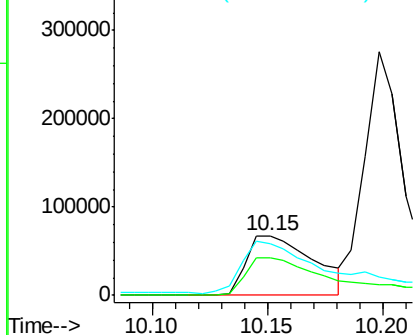


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 40.862 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194353		
63	54.1	36.4	54.6	
89	72.8	57.8	86.6	
182	2.7	1.6	2.4	#

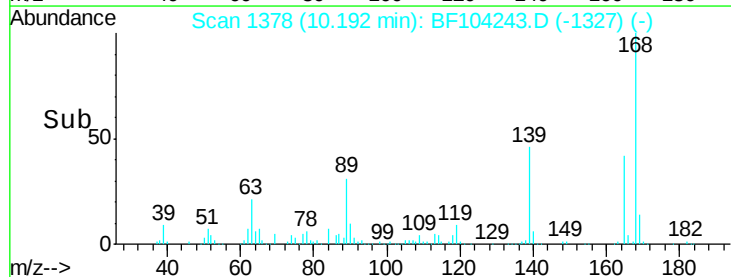
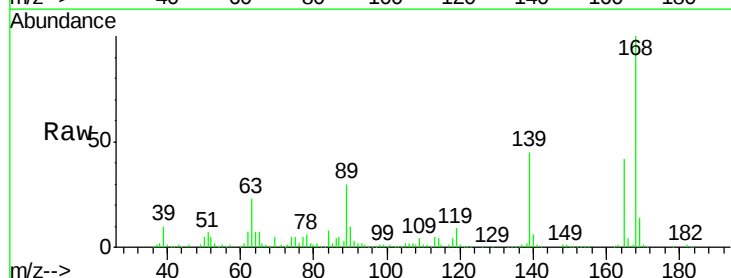
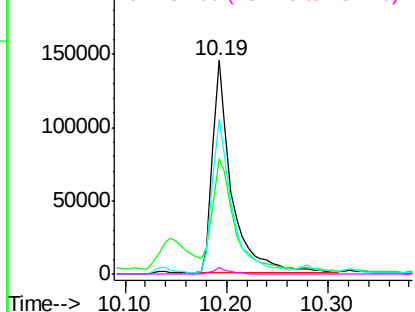
Abundance

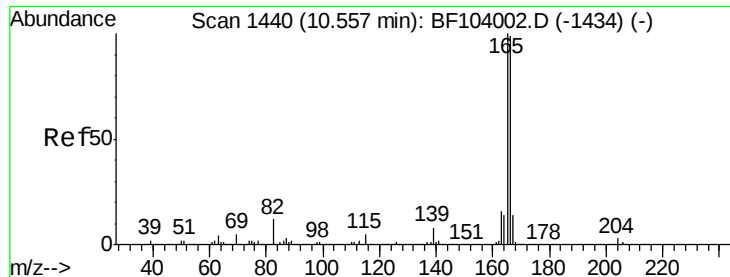
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





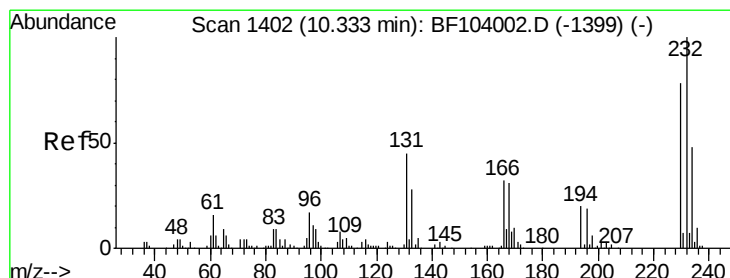
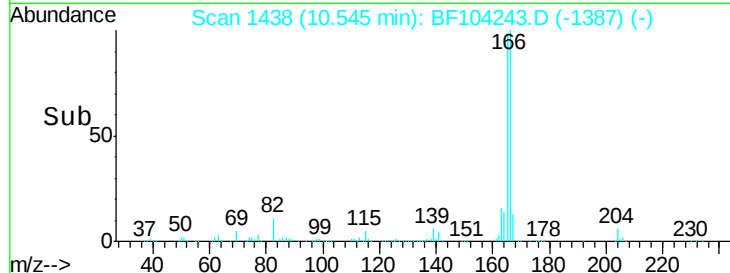
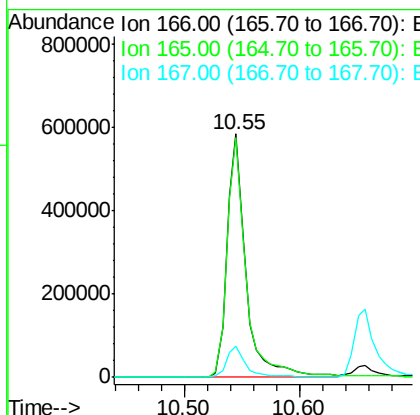
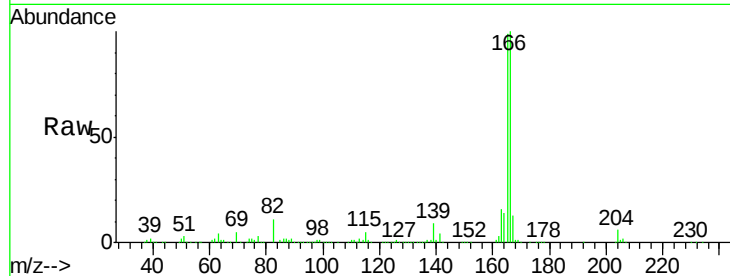
#57
 Fluorene
 Concen: 41.832 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	656078		
165	98.7	79.8	119.8	
167	13.1	10.6	16.0	

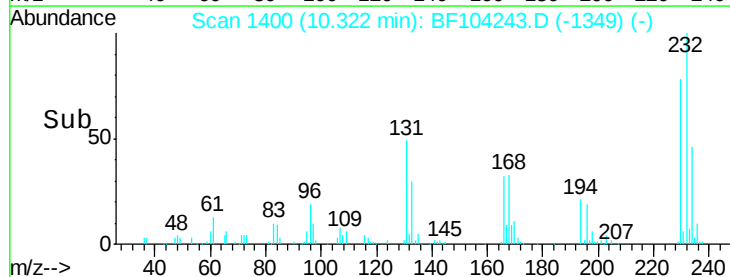
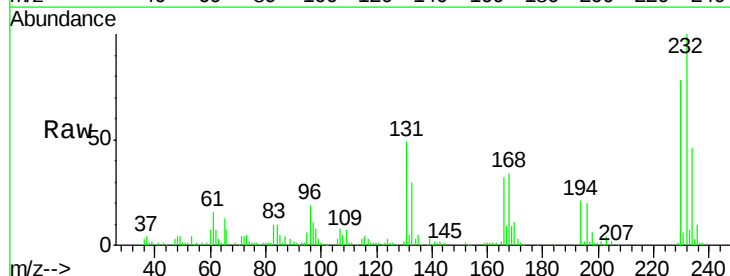
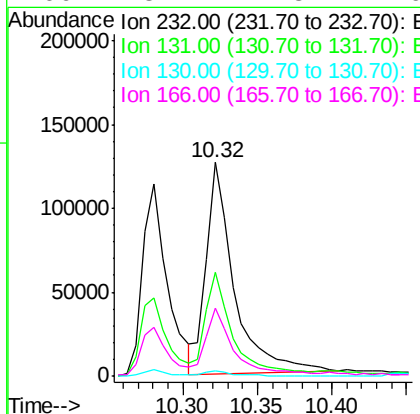
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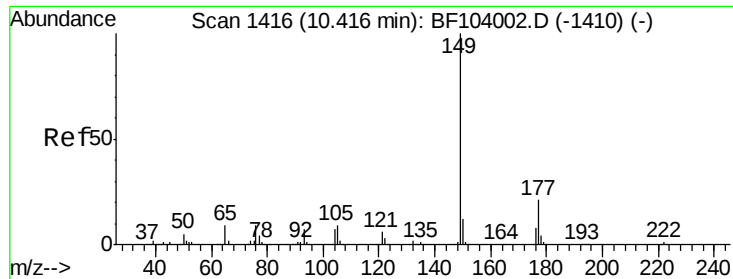
Sohil
 4/5/2018 4:39:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.463 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	163677		
131	43.9	43.8	65.8	
130	2.2	2.1	3.1	
166	28.7	27.8	41.6	





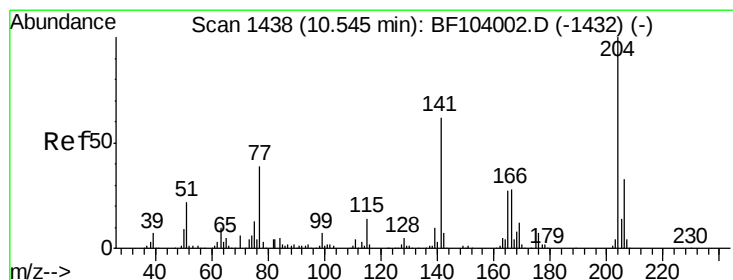
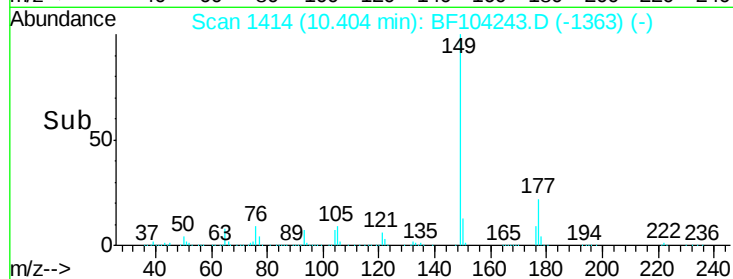
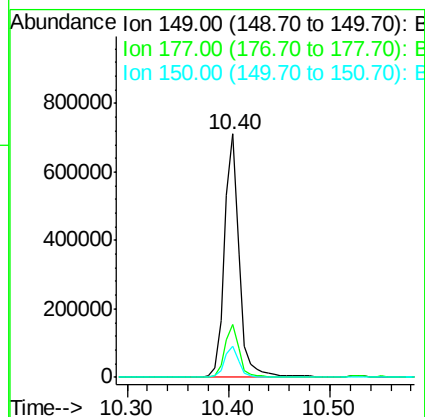
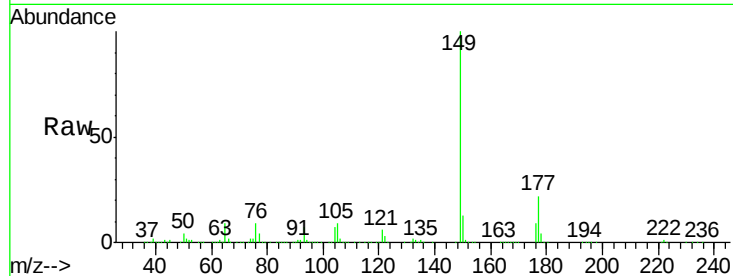
#59
Diethylphthalate
Concen: 43.245 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.7	10.1	15.1

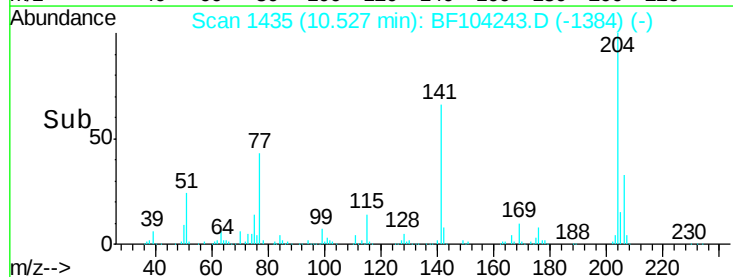
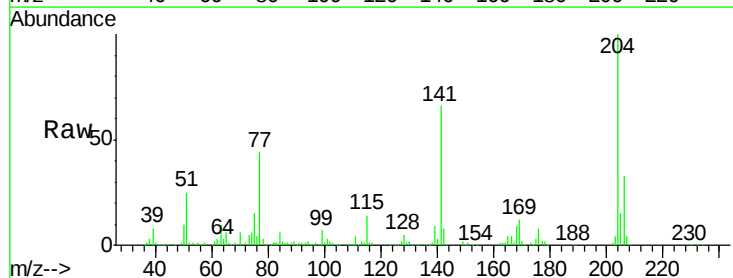
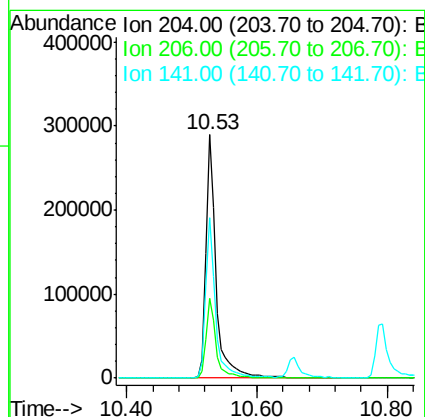
Manual Integrations
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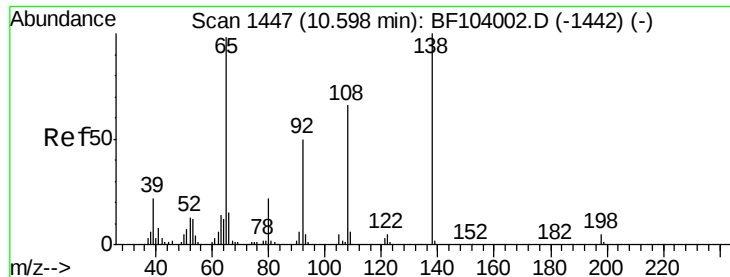
Sohil
4/5/2018 4:39:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.808 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.0	54.6	81.8





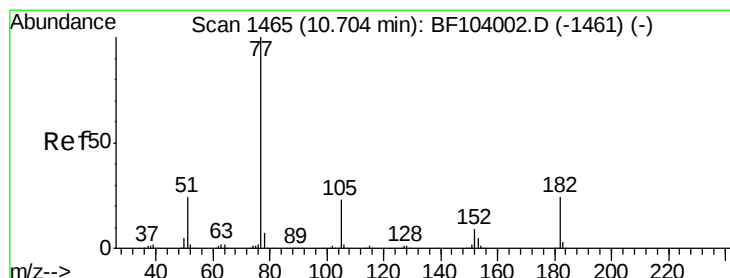
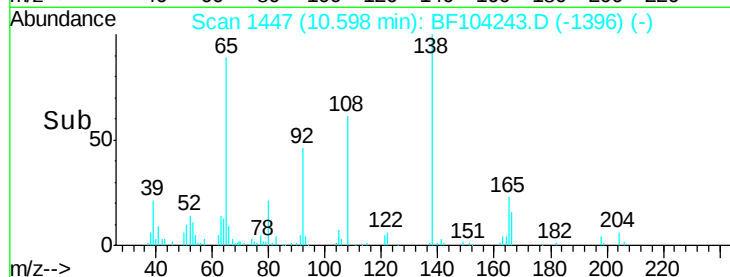
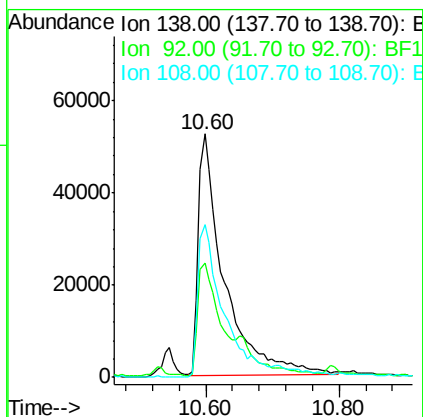
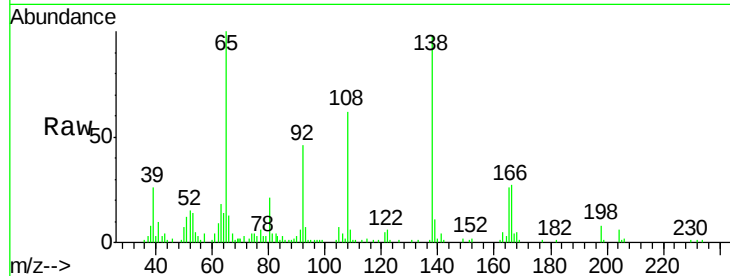
#61
4-Nitroaniline
Concen: 34.844 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	62.7	52.5	92.5

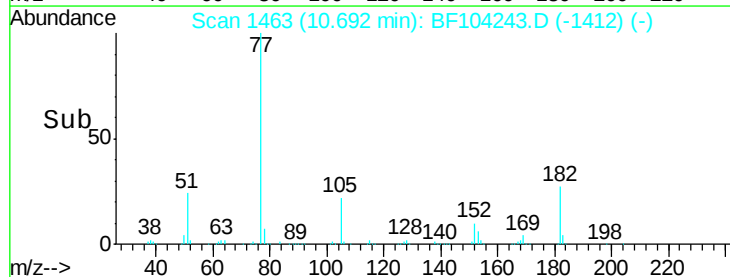
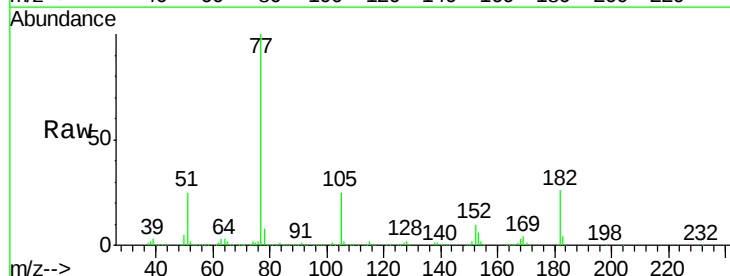
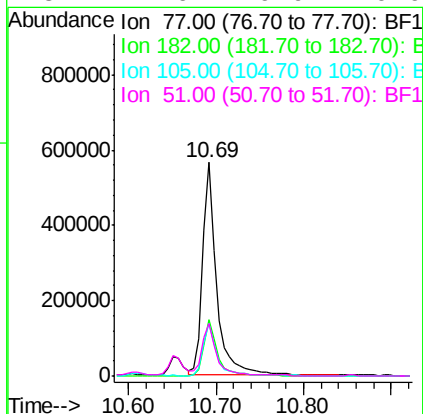
Manual Integrations
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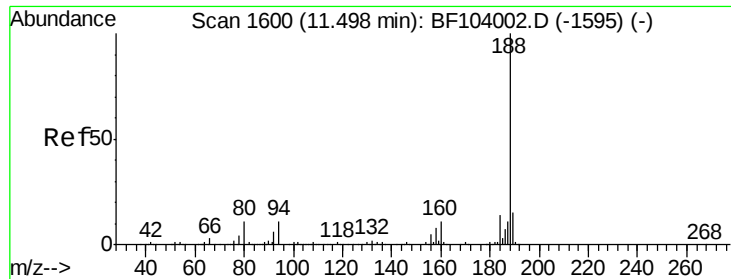
Sohil
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#62
Azobenzene
Concen: 42.287 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	24.8	3.0	43.0
51	24.6	9.9	49.9





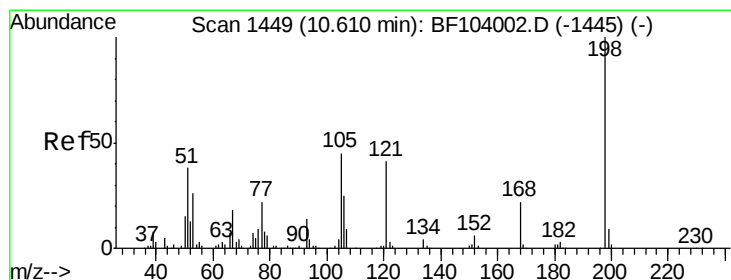
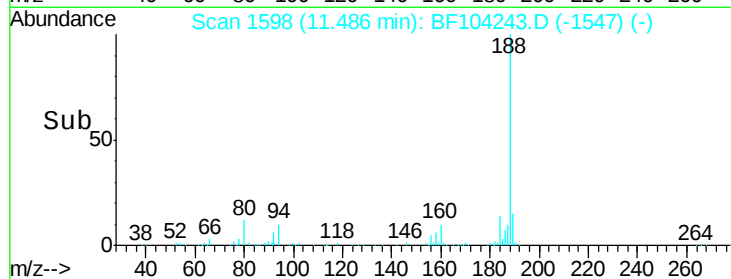
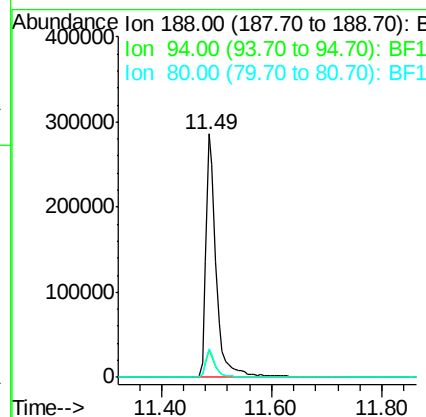
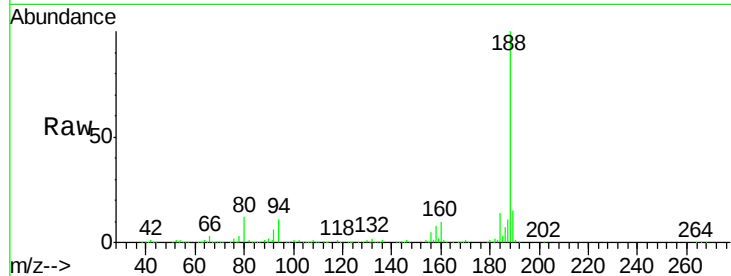
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	365816		
94	11.1	8.5	12.7	
80	11.8	9.2	13.8	

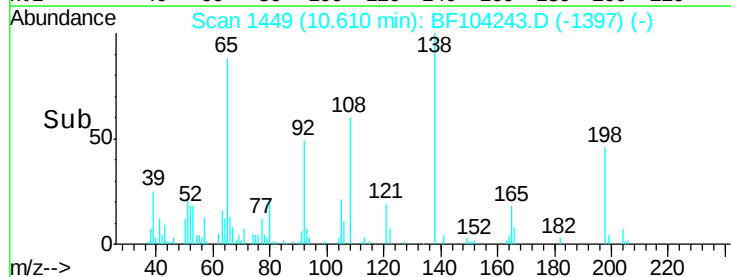
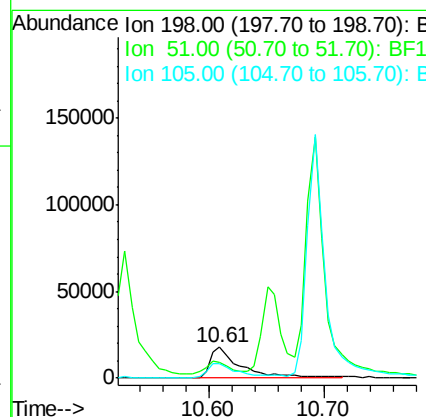
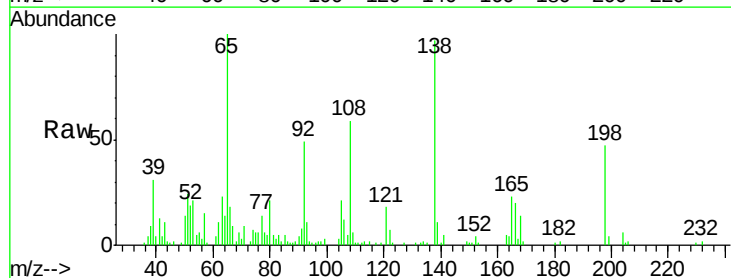
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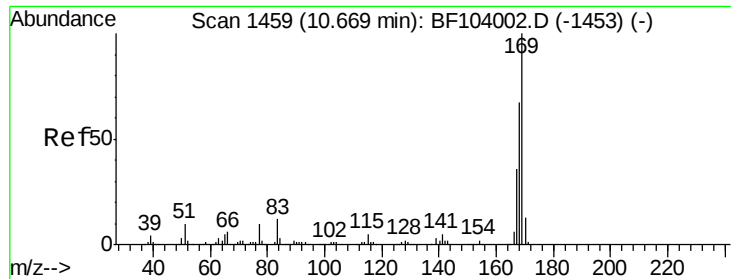
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 15.020 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33259		
51	49.9	37.7	77.7	
105	44.7	36.3	76.3	





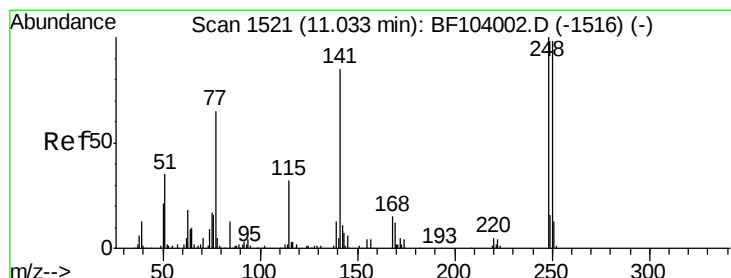
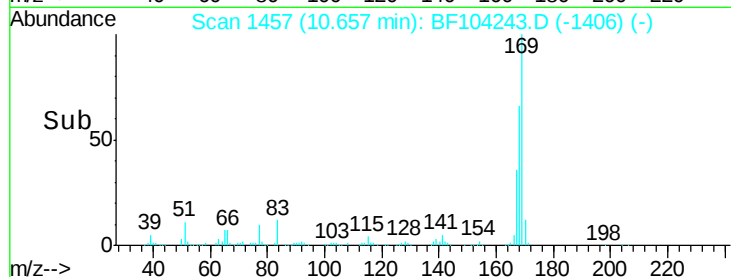
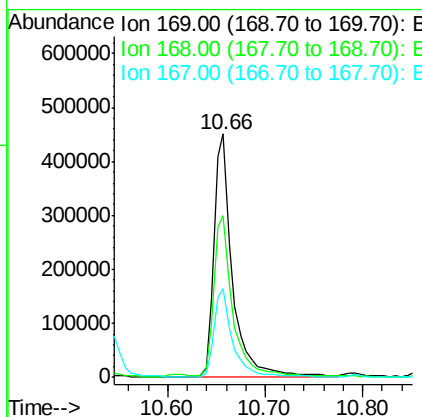
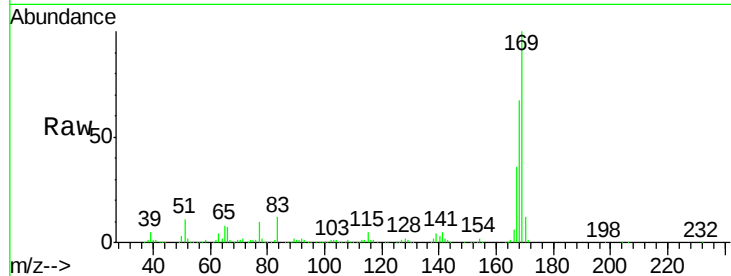
#65
n-Nitrosodiphenylamine
Concen: 47.555 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	589156		
168	66.7		54.4	81.6
167	36.3		29.8	44.6

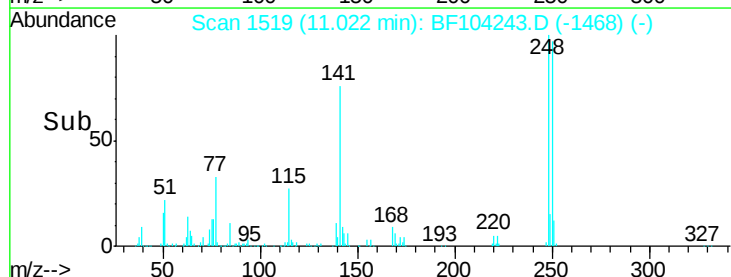
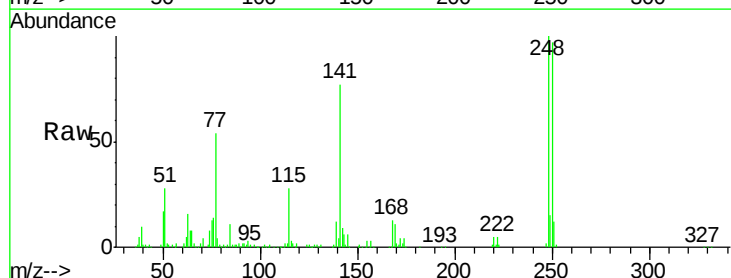
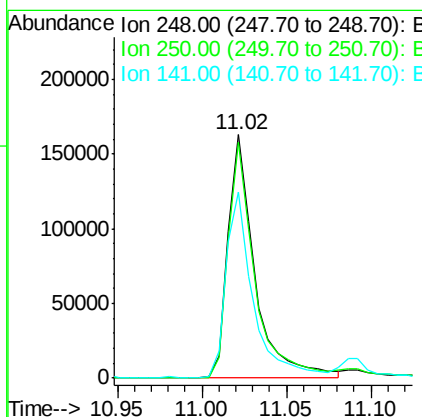
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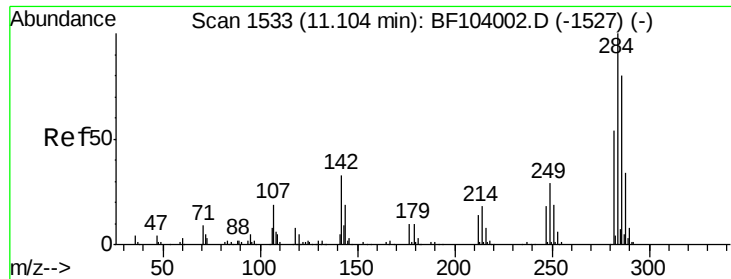
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#66
4-Bromophenyl-phenylether
Concen: 46.364 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	181454		
250	97.1		76.9	115.3
141	76.7		74.4	111.6





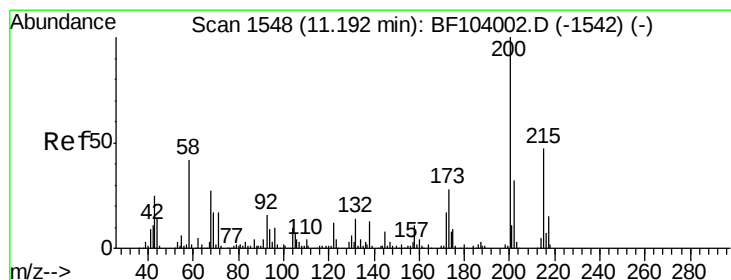
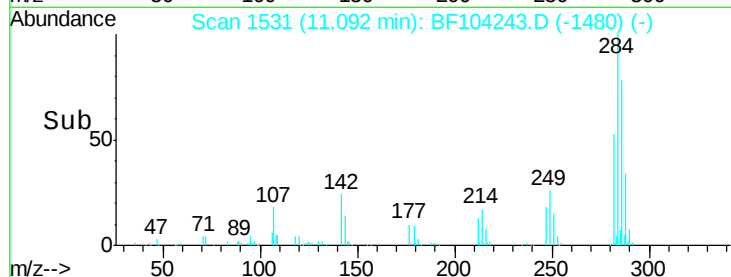
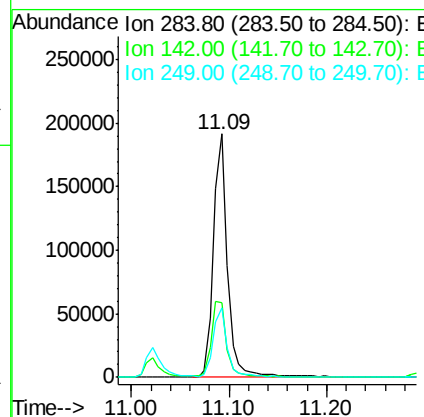
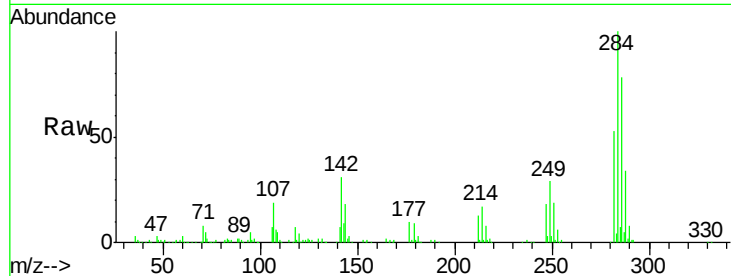
#67
Hexachlorobenzene
Concen: 43.023 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	193686		
142	30.7	34.6	52.0#	
249	28.8	24.8	37.2	

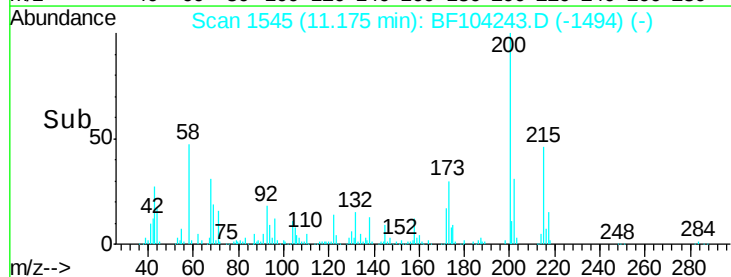
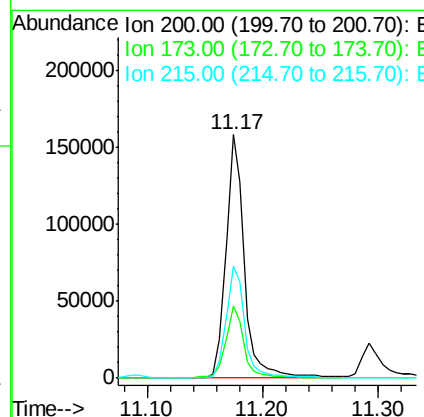
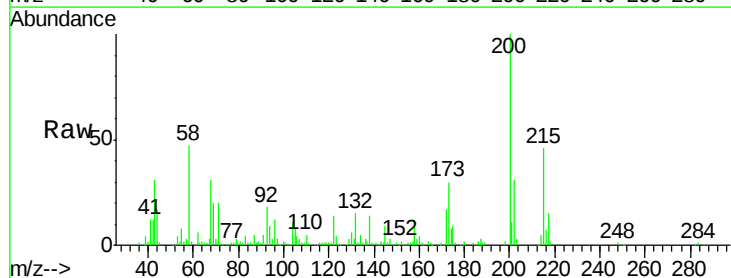
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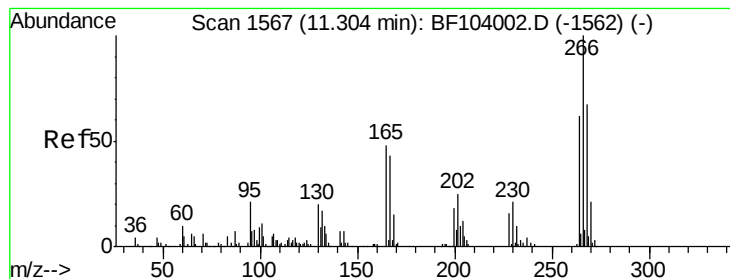
Sohil
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#68
Atrazine
Concen: 46.356 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	175942		
173	29.5	8.6	48.6	
215	45.9	25.1	65.1	





#69

Pentachlorophenol

Concen: 62.308 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

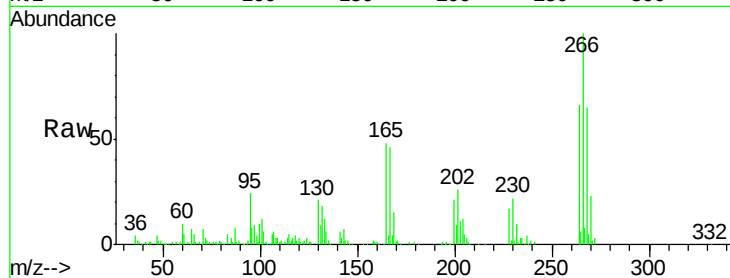
ClientSampleId :

EPE-124-2(55-57)MS

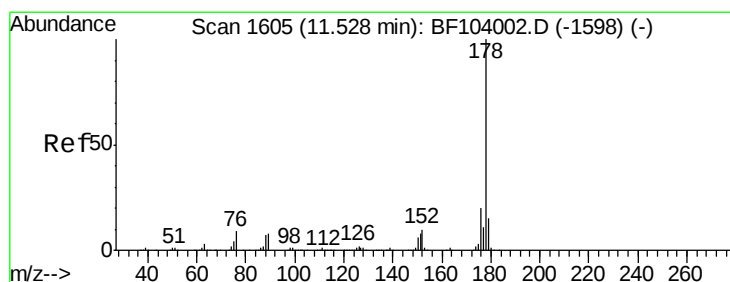
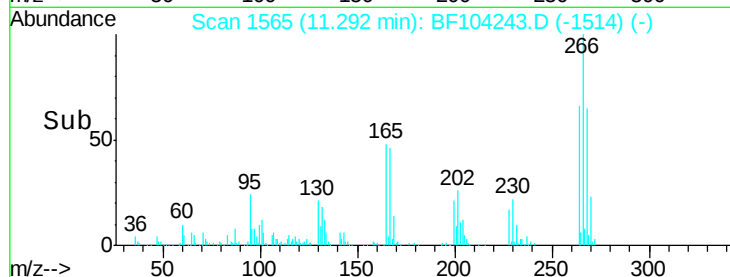
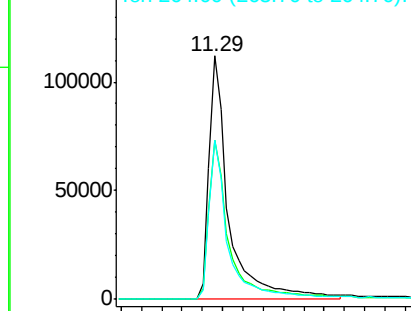
Tot Ion:	266	Resp:	154358
Ion Ratio	Lower	Upper	
266	100		
268	65.1	51.1	76.7
264	65.6	49.5	74.3

Manual Integrations
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.163 ng

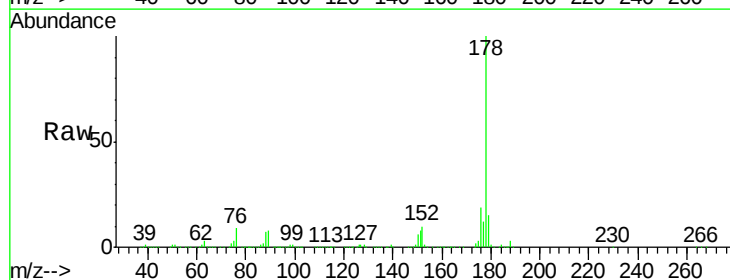
RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

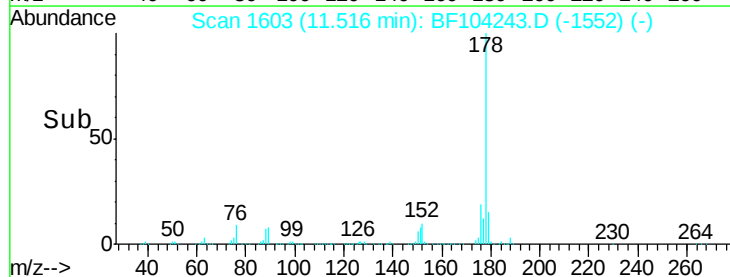
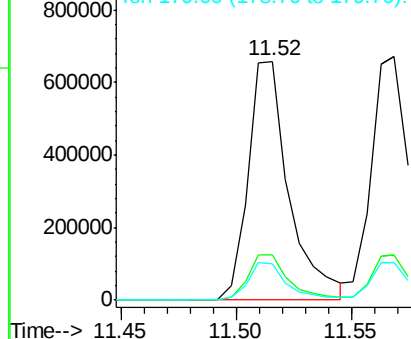
Lab File: BF104243.D

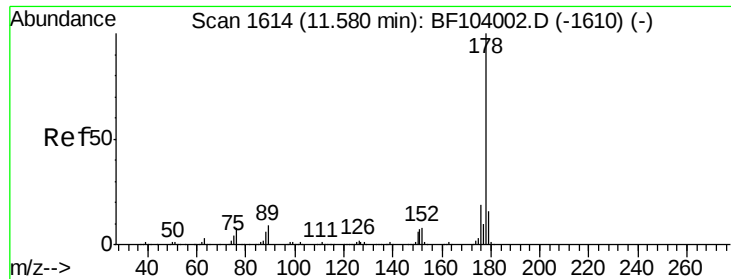
Acq: 4 Apr 2018 23:13

Tgt Ion:	178	Resp:	815266
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	15.0	13.0	19.6



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





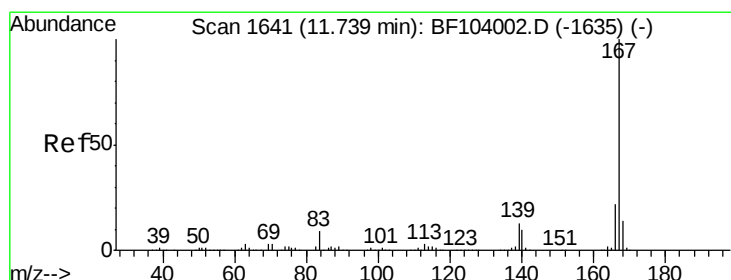
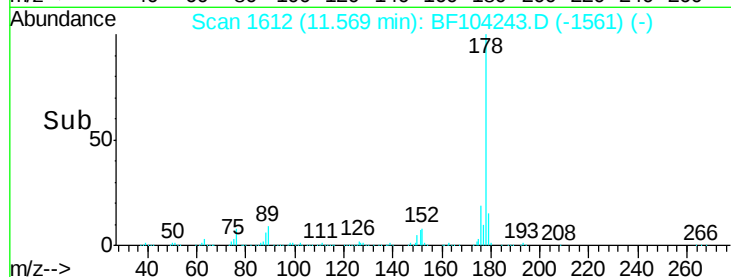
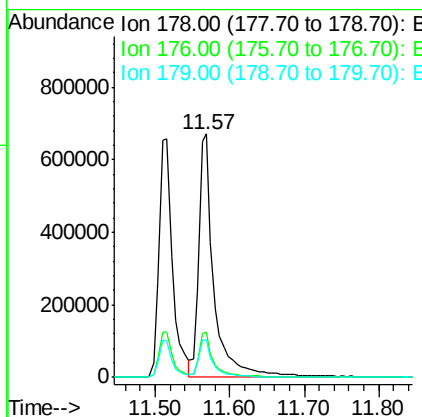
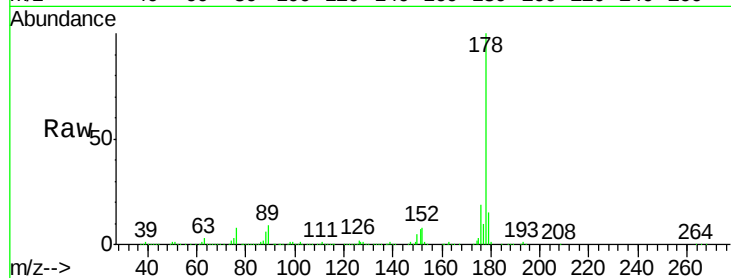
#71
 Anthracene
 Concen: 45.767 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0

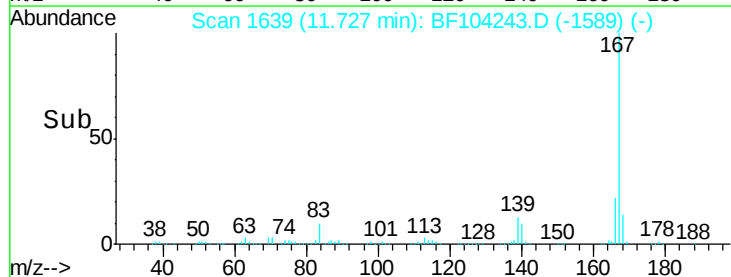
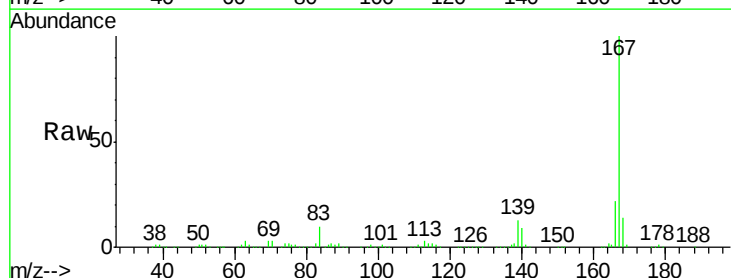
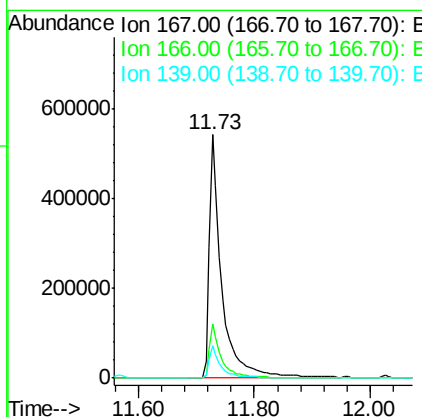
Manual Integrations
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 4/5/2018 4:39:10 PM



#72
 Carbazole
 Concen: 42.271 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.549 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion:149 Resp: 1024225

Ion Ratio Lower Upper

149 100

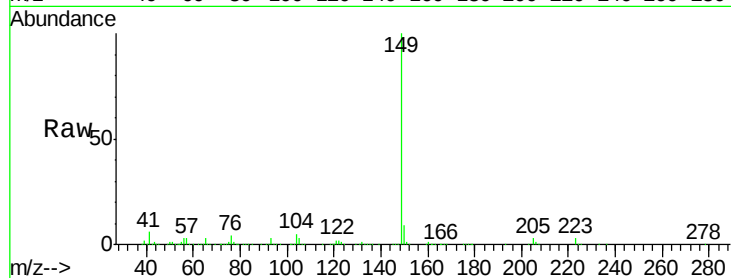
150 9.4 7.8 11.6

104 4.5 3.8 5.8

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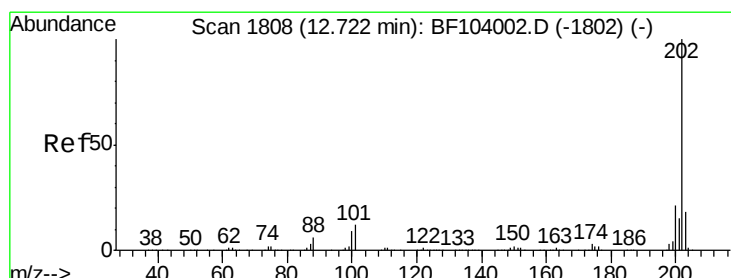
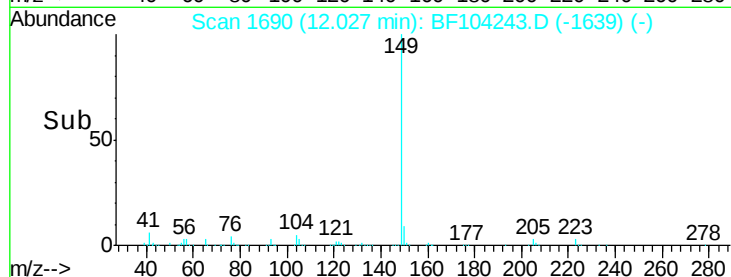
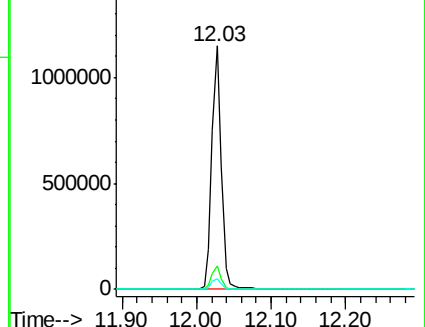
4/5/2018 4:39:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.272 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

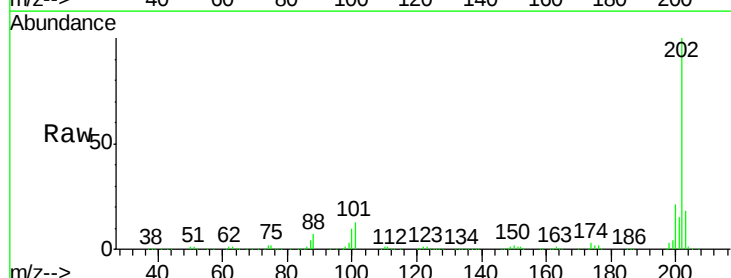
Tgt Ion:202 Resp: 784658

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

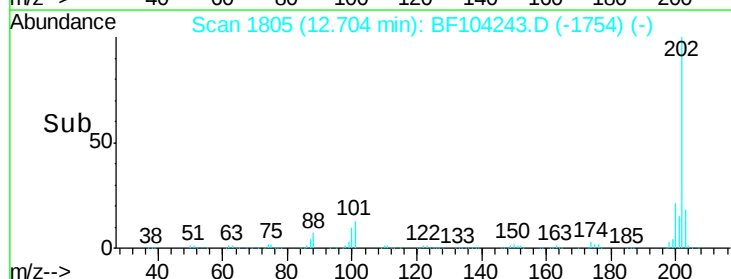
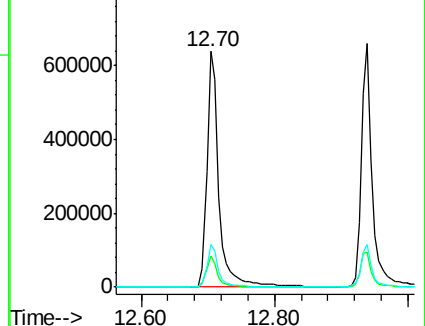
203 18.0 0.0 38.1

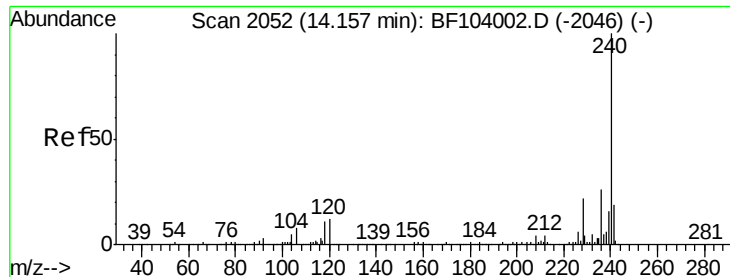


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

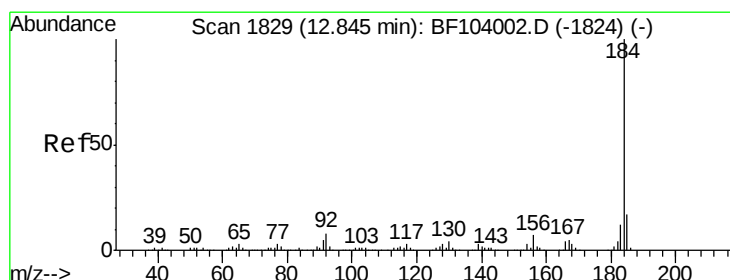
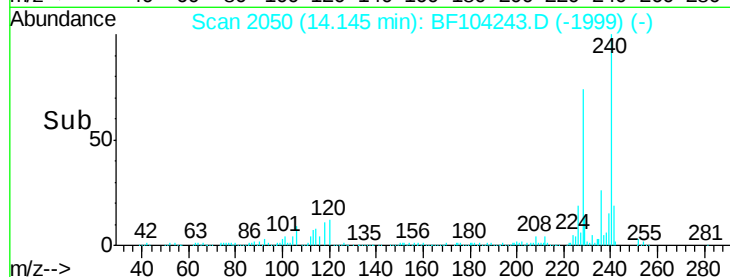
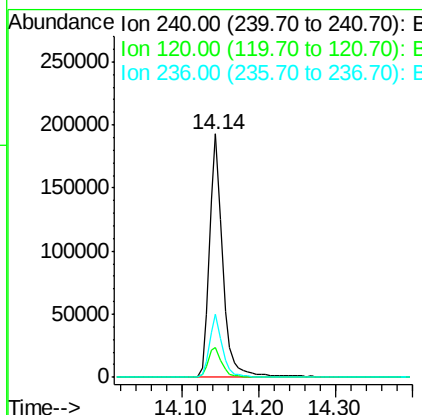
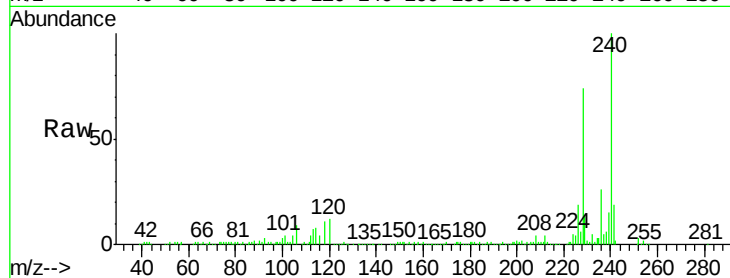
ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 57.894 ng

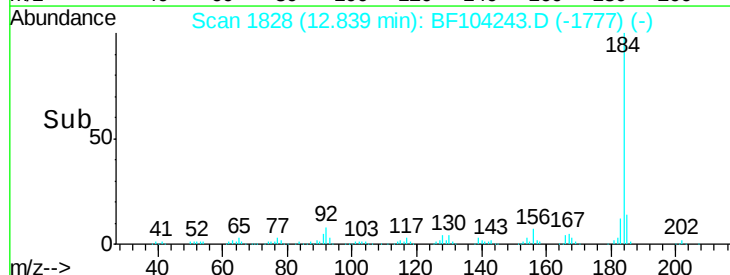
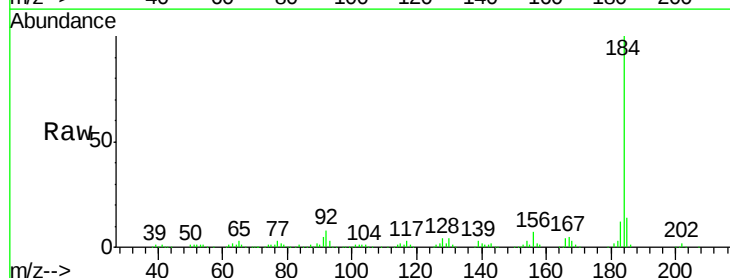
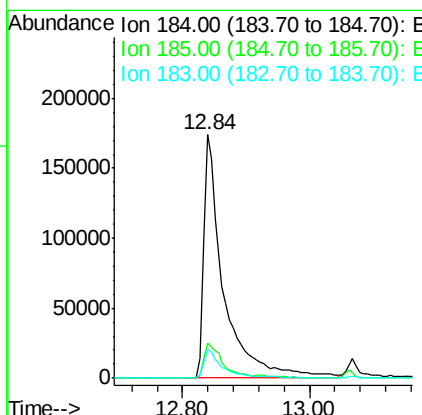
RT: 12.84 min Scan# 1828

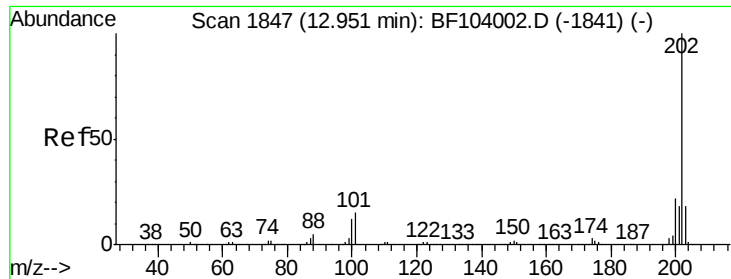
Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 45.480 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

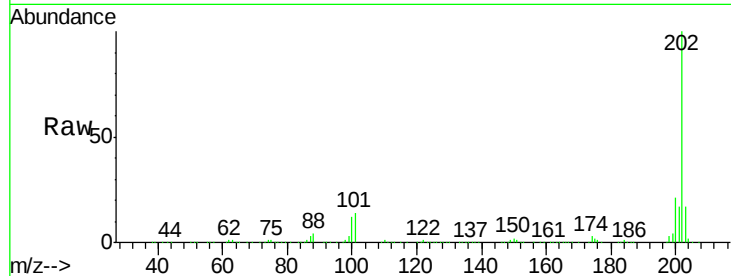
ClientSampleId :

EPE-124-2(55-57)MS

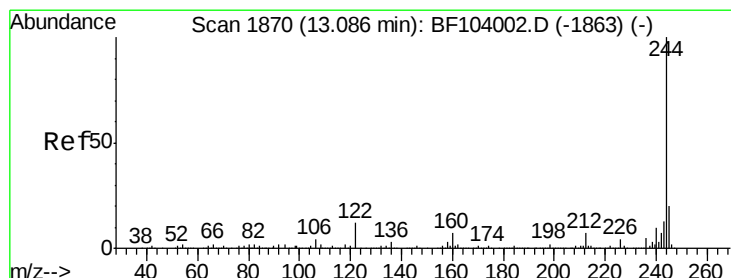
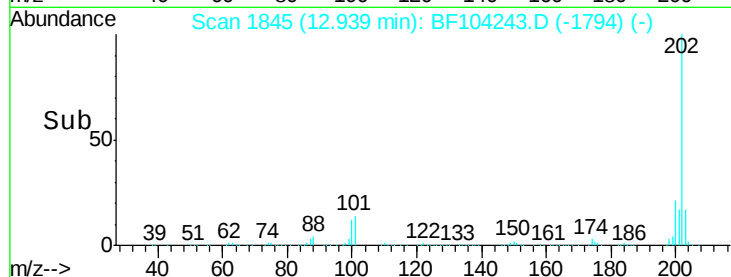
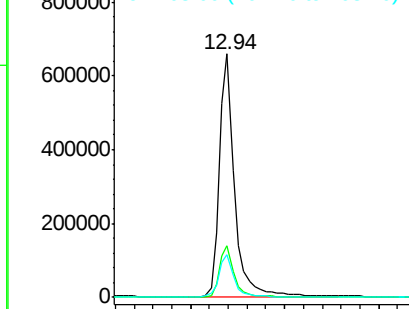
Tot Ion:	202	Resp:	747310
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5

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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: 104.365 ng

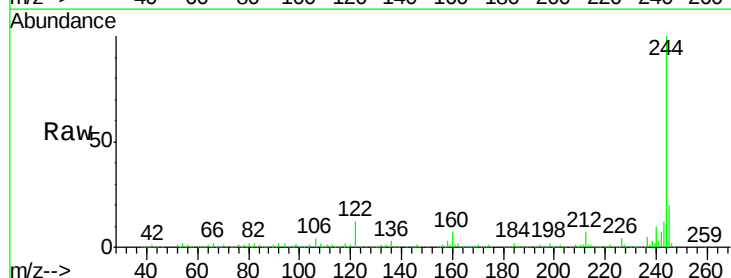
RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

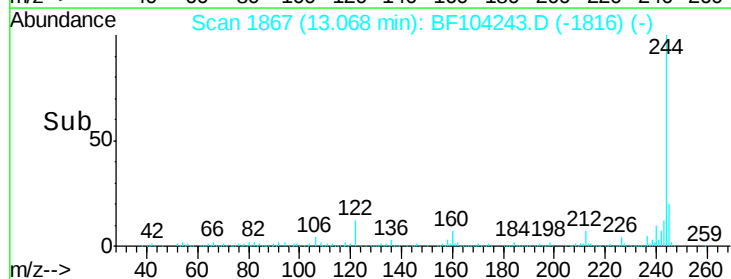
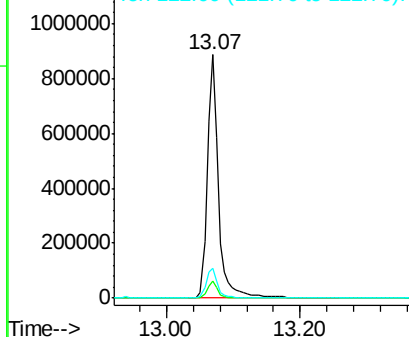
Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:	244	Resp:	1033186
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.1	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





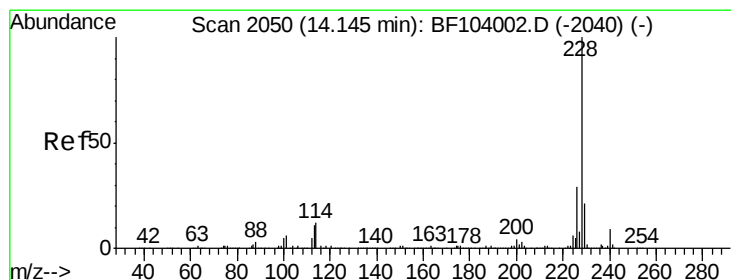
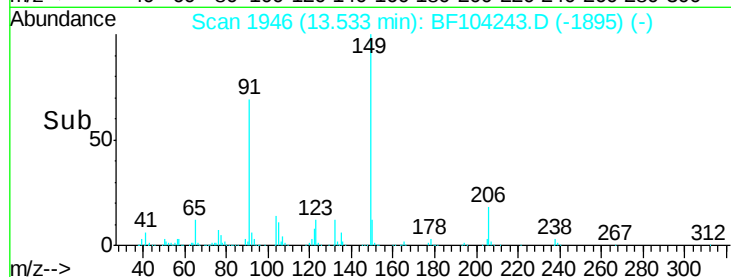
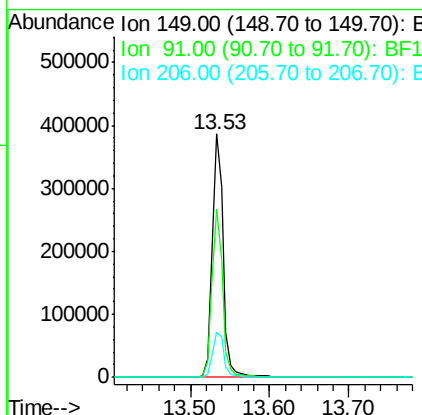
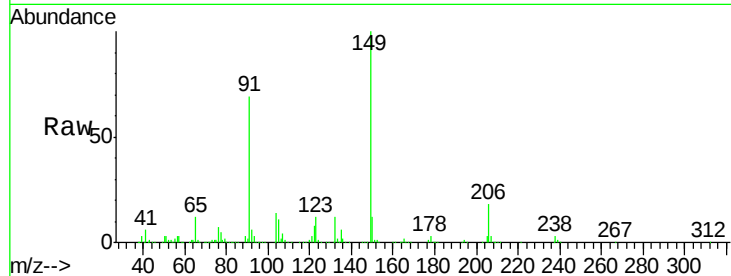
#79
Butylbenzylphthalate
Concen: 47.455 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.8	85.2
206	18.5	14.1	21.1

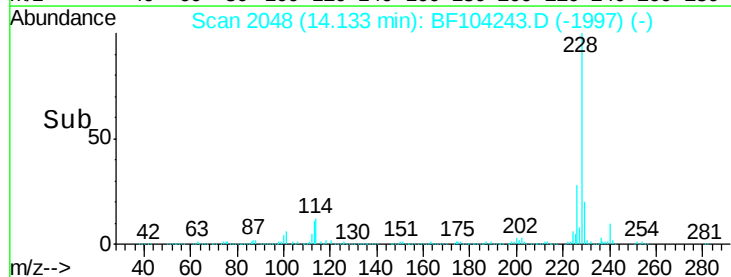
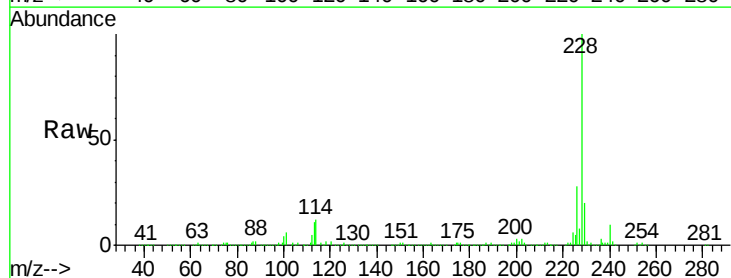
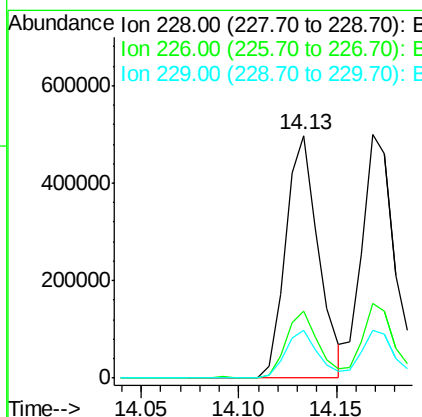
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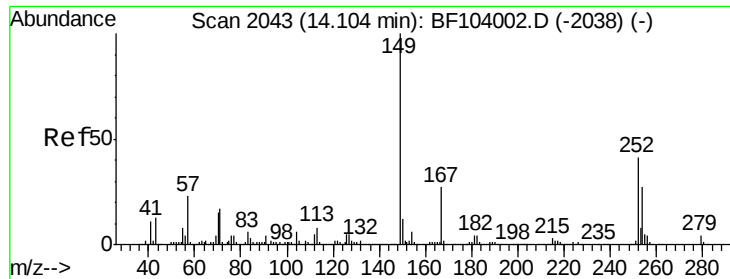
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#80
Benzo(a)anthracene
Concen: 40.454 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





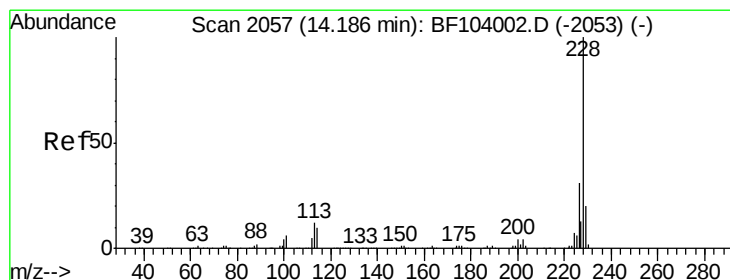
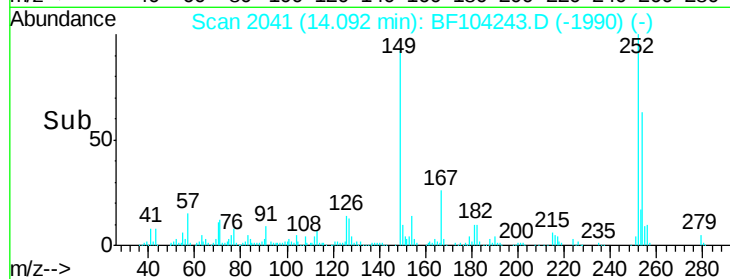
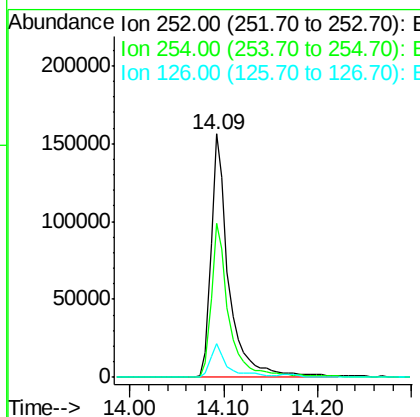
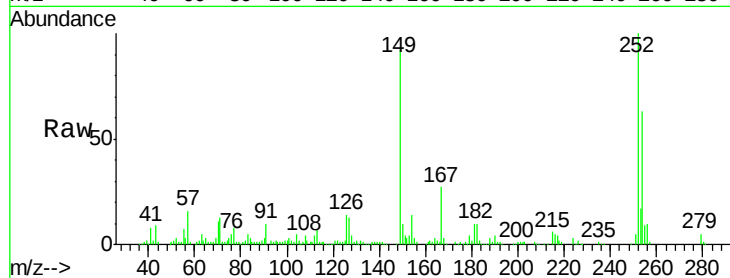
#81
 3,3'-Dichlorobenzidine
 Concen: 44.145 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	208995		
254	63.3	50.4	75.6	
126	13.6	11.3	16.9	

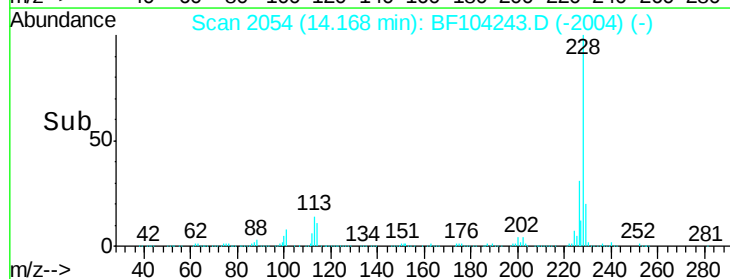
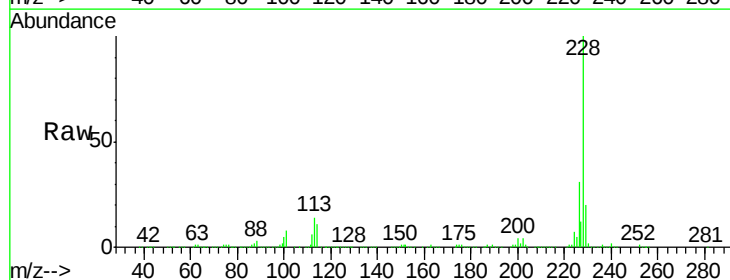
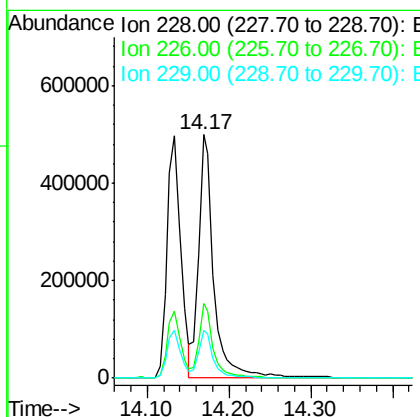
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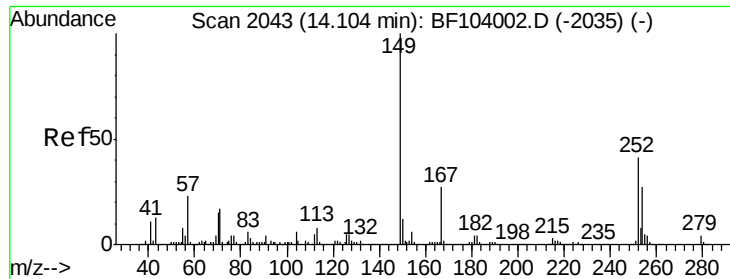
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#82
 Chrysene
 Concen: 46.084 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	645580		
226	30.6	25.0	37.6	
229	19.6	16.2	24.4	





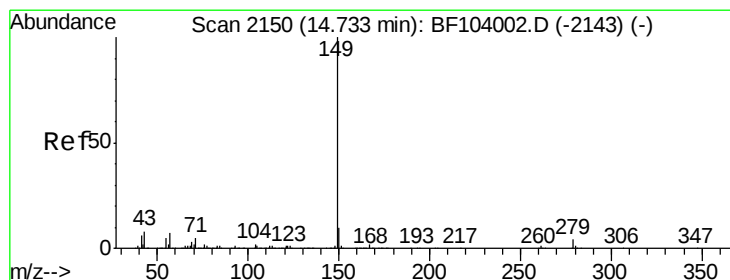
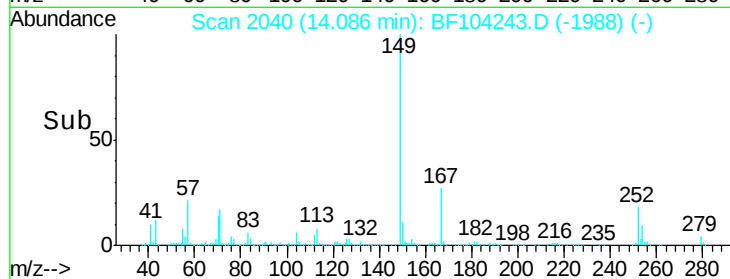
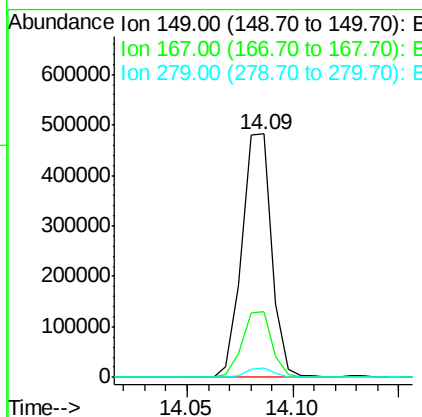
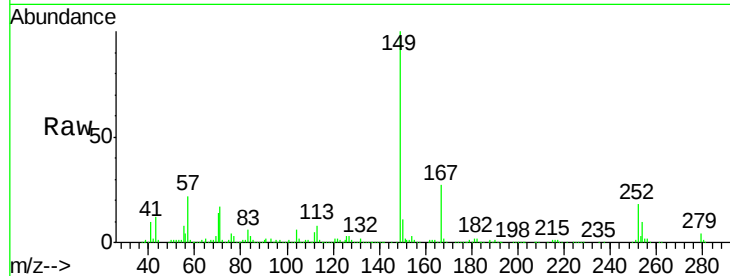
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.158 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.8	3.0	4.4

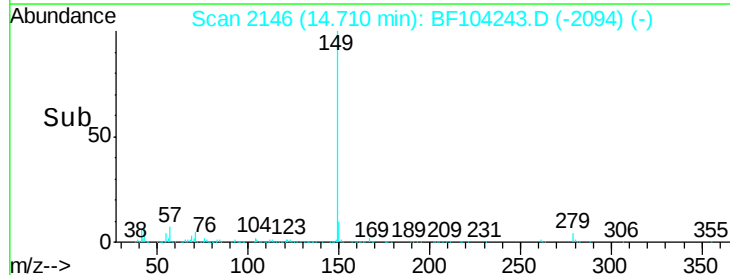
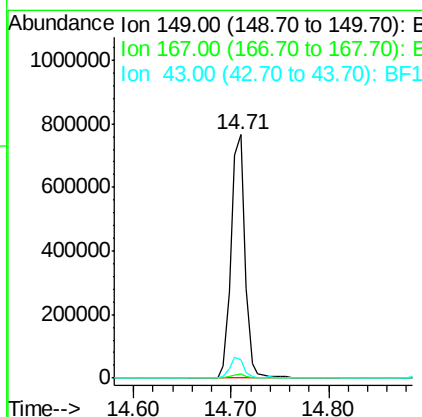
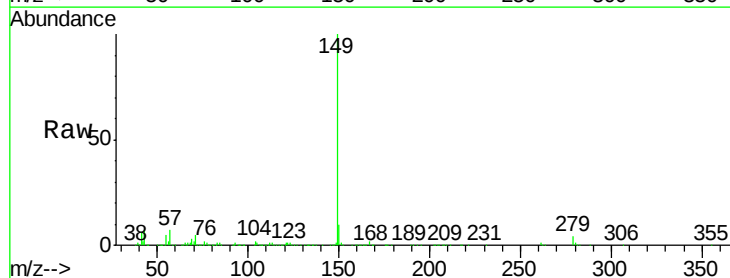
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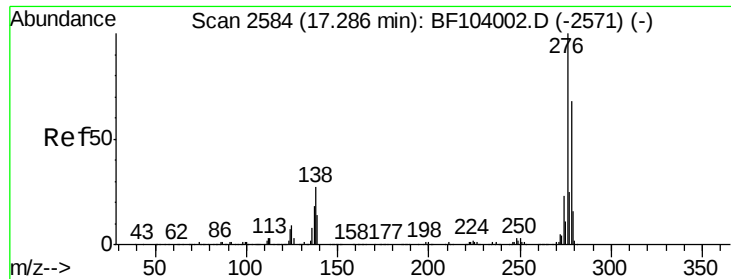
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#84
 Di-n-octyl phthalate
 Concen: 44.273 ng
 RT: 14.71 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	8.4	12.6#





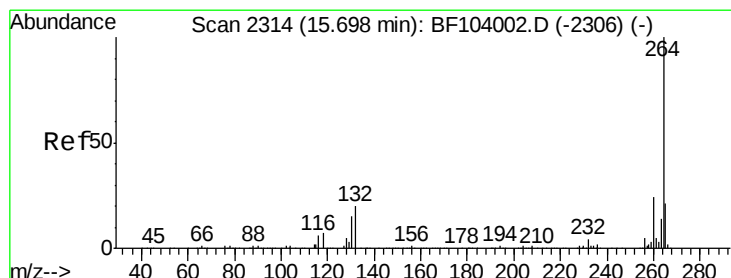
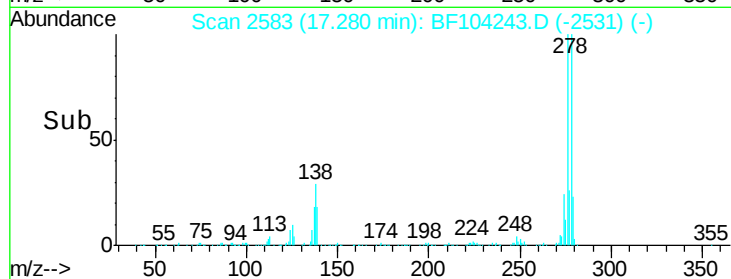
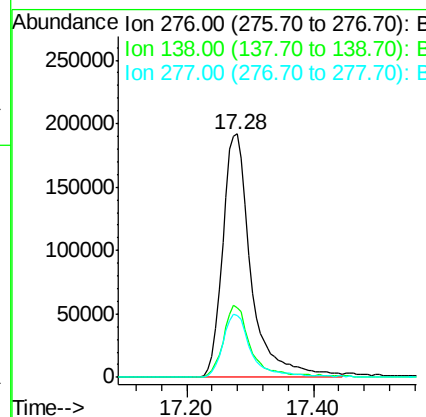
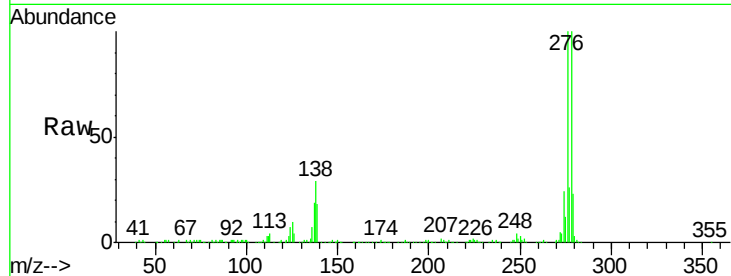
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.328 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	25.8	20.1	30.1

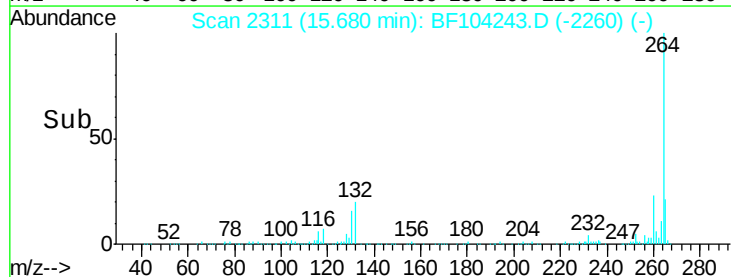
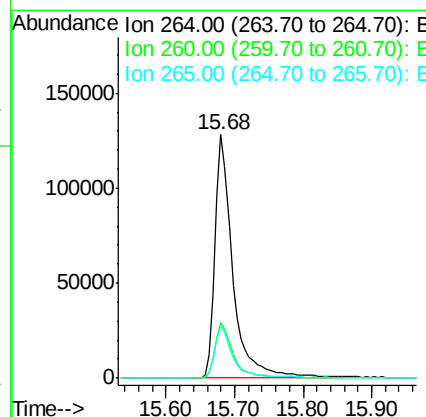
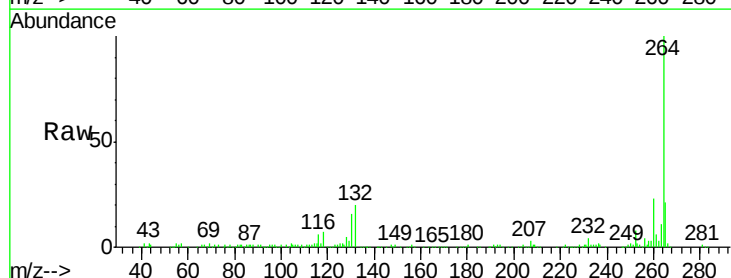
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.134 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

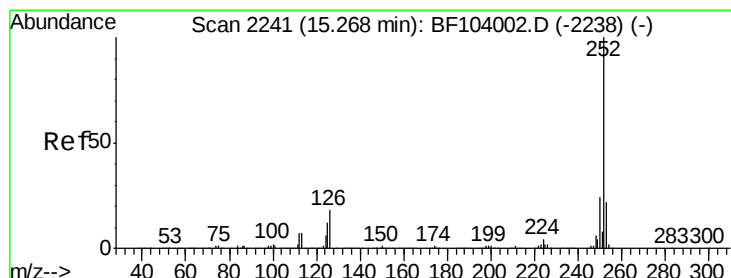
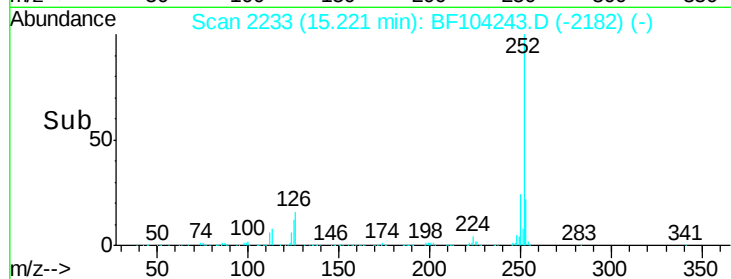
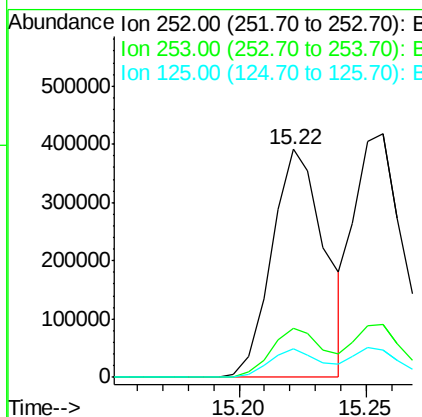
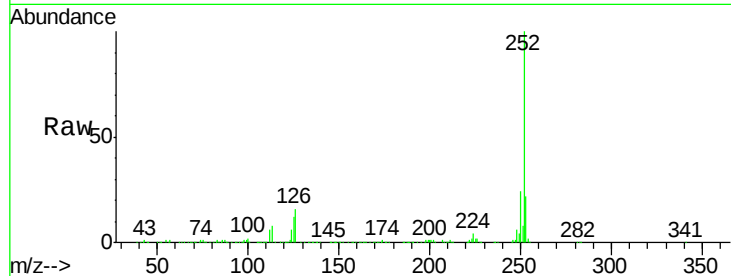
ClientSampleId :

EPE-124-2(55-57)MS

Tot Ion:	252	Resp:	569718
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	12.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 49.136 ng

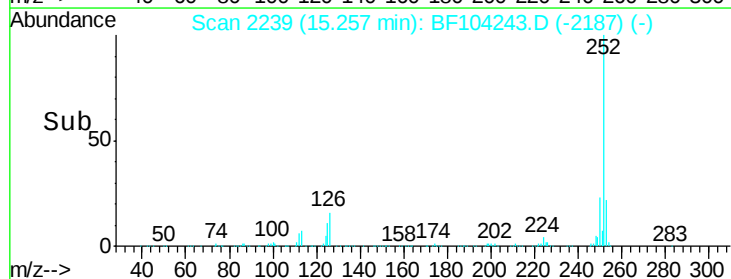
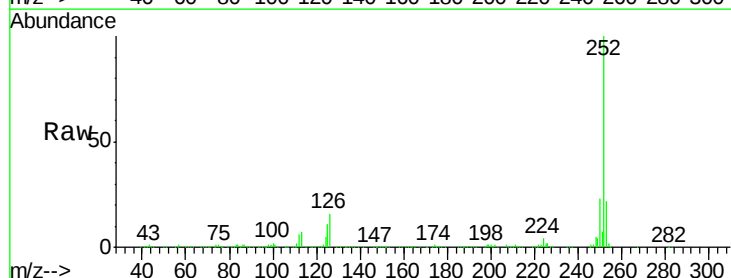
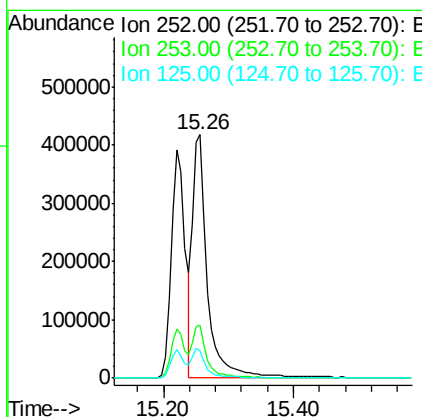
RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:	252	Resp:	657062
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	11.1	10.2	15.2





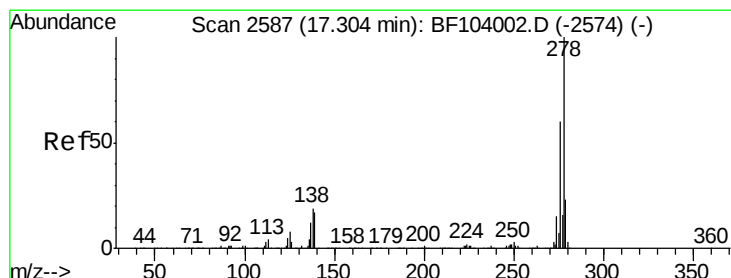
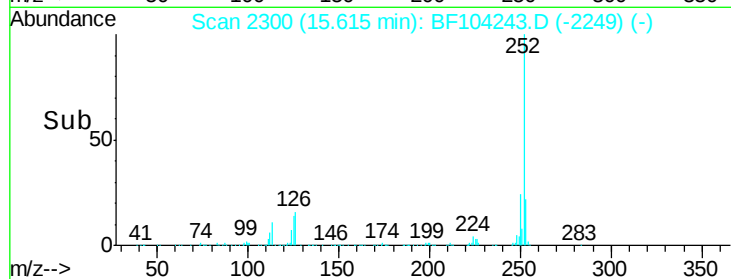
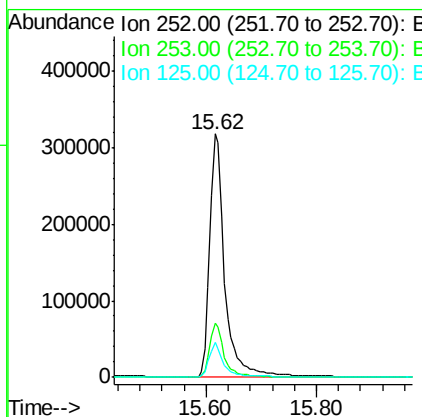
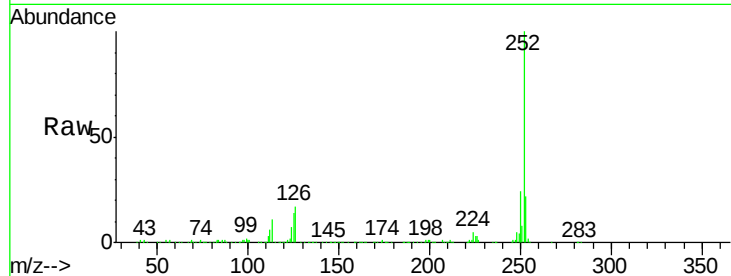
#89
Benzo(a)pyrene
Concen: 44.653 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.4	9.8	14.6

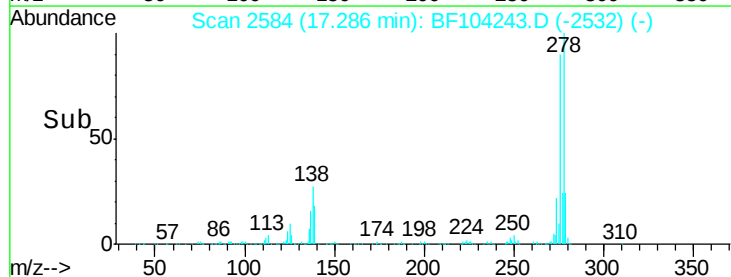
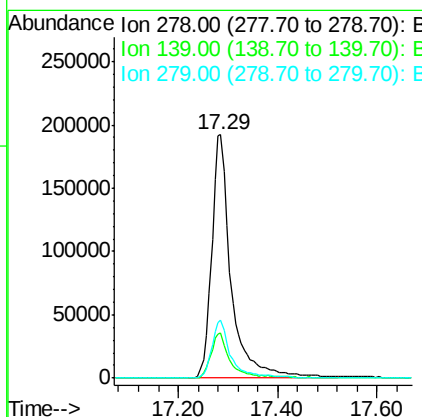
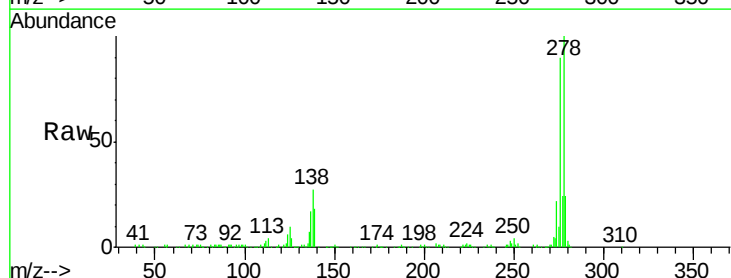
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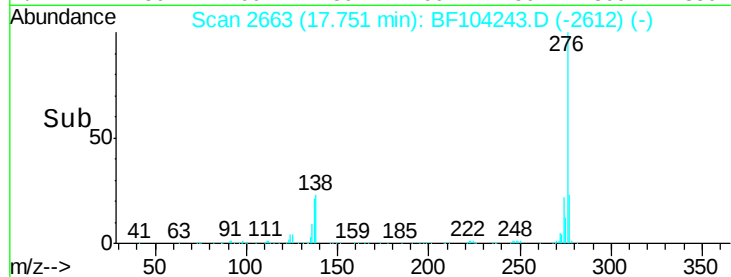
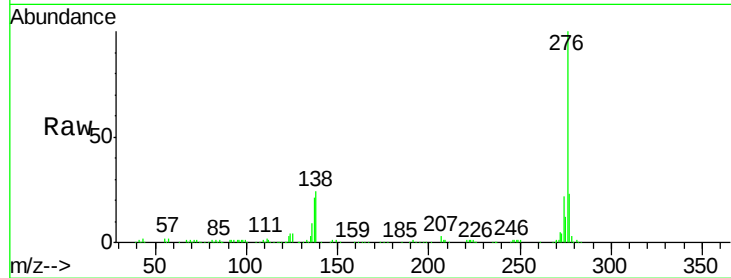
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#90
Dibenzo(a,h)anthracene
Concen: 43.225 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.961 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	23.6	21.8	32.8

Manual Integrations
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