

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101663.D
 Acq On : 22 Dec 2017 19:42
 Operator : SJ/JU
 Sample : I7002-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Manual Integrations
 APPROVED

Sohil
 12/26/2017 1:37:24 PM

Quant Time: Dec 22 23:42:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150381	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	606911	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	269994	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	476915	20.00	ng	0.00
75) Chrysene-d12	13.97	240	298465	20.00	ng	0.00
86) Perylene-d12	15.43	264	293103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1224554	121.30	ng	0.01
7) Phenol-d6	6.44	99	1434935	114.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	917996	84.20	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	311897	119.89	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1320792	75.89	ng	0.00
78) Terphenyl-d14	12.90	244	1093475	88.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	186011	35.858	ng	95
3) Pyridine	3.32	79	490447	34.029	ng	95
4) n-Nitrosodimethylamine	3.28	42	263197	39.662	ng	96
6) Aniline	6.46	93	302901	17.348	ng	# 77
8) 2-Chlorophenol	6.58	128	430322	40.521	ng	97
9) Benzaldehyde	6.35	77	237946	25.643	ng	98
10) Phenol	6.45	94	586239	40.937	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	442815	39.421	ng	93
12) 1,3-Dichlorobenzene	6.73	146	466663	38.935	ng	98
13) 1,4-Dichlorobenzene	6.80	146	473285	38.668	ng	99
14) 1,2-Dichlorobenzene	6.96	146	427147	38.771	ng	99
15) Benzyl Alcohol	6.95	79	320189	37.025	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	725003	42.173	ng	64
17) 2-Methylphenol	7.06	107	360758	36.930	ng	# 90
18) Hexachloroethane	7.29	117	155884	36.632	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	301768	36.572	ng	95
20) 3+4-Methylphenols	7.22	107	481998	46.562	ng	# 83
22) Acetophenone	7.20	105	595630	43.011	ng	# 95
24) Nitrobenzene	7.38	77	485723	40.253	ng	98
25) Isophorone	7.62	82	900149	41.156	ng	98
26) 2-Nitrophenol	7.69	139	236915	45.701	ng	95
27) 2,4-Dimethylphenol	7.73	122	389518	44.228	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	554005	39.876	ng	98
29) 2,4-Dichlorophenol	7.95	162	381672	43.866	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	359450	39.147	ng	98
31) Naphthalene	8.09	128	1186821	38.843	ng	99
32) Benzoic acid	7.85	122	29042	12.043	ng	95
33) 4-Chloroaniline	8.16	127	159051	11.977	ng	97
34) Hexachlorobutadiene	8.20	225	200681	37.788	ng	99
35) Caprolactam	8.53	113	129591m	42.893	ng	
36) 4-Chloro-3-methylphenol	8.65	107	387337	40.503	ng	99
37) 2-Methylnaphthalene	8.79	142	769797	38.670	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	364691	40.007	ng	98
40) Hexachlorocyclopentadiene	8.93	237	11011	19.156	ng	95

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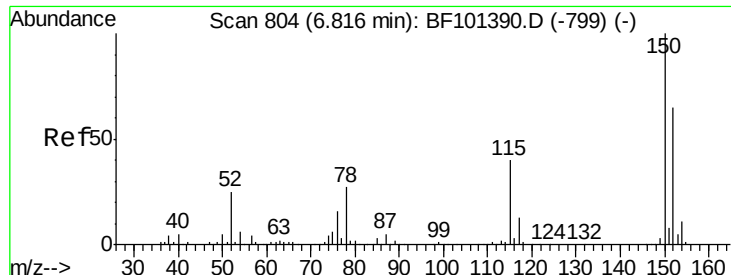
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	241448	43.996	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	244288	40.654	ng	93
45) 1,1'-Biphenyl	9.25	154	926972	38.713	ng	99
46) 2-Chloronaphthalene	9.27	162	706085	38.539	ng	97
47) 2-Nitroaniline	9.39	65	269457	42.574	ng	92
48) Acenaphthylene	9.69	152	1014276	35.050	ng	99
49) Dimethylphthalate	9.55	163	926963	42.683	ng	99
50) 2,6-Dinitrotoluene	9.63	165	176465	39.979	ng #	88
51) Acenaphthene	9.86	154	622775	35.821	ng	99
52) 3-Nitroaniline	9.80	138	132072	24.000	ng	97
53) 2,4-Dinitrophenol	9.93	184	29355	26.952	ng #	20
54) Dibenzofuran	10.03	168	885263	40.067	ng	96
55) 4-Nitrophenol	9.98	139	199307	83.060	ng	89
56) 2,4-Dinitrotoluene	10.05	165	220984	44.437	ng #	92
57) Fluorene	10.38	166	721296	38.591	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	193705	44.869	ng	89
59) Diethylphthalate	10.25	149	807834	37.563	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	348935	38.953	ng	94
61) 4-Nitroaniline	10.42	138	179824	32.510	ng	95
62) Azobenzene	10.53	77	800881	35.948	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	51164	21.023	ng	94
65) n-Nitrosodiphenylamine	10.49	169	687989	39.068	ng	95
66) 4-Bromophenyl-phenylether	10.86	248	220690	41.183	ng #	86
67) Hexachlorobenzene	10.93	284	223708	39.444	ng #	86
68) Atrazine	11.02	200	220360	41.967	ng	98
69) Pentachlorophenol	11.13	266	193147	86.953	ng	98
70) Phenanthrene	11.35	178	1013629	38.218	ng	98
71) Anthracene	11.40	178	1031281	38.067	ng	100
72) Carbazole	11.56	167	930061	36.668	ng	99
73) Di-n-butylphthalate	11.87	149	1207792	39.232	ng	99
74) Fluoranthene	12.53	202	985802	35.411	ng	100
76) Benzidine	12.66	184	408723	32.424	ng	99
77) Pyrene	12.76	202	978026	43.662	ng	99
79) Butylbenzylphthalate	13.37	149	443805	43.788	ng	99
80) Benzo(a)anthracene	13.96	228	766112	38.873	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	193637	30.133	ng #	97
82) Chrysene	14.00	228	730386	39.251	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	575631	44.839	ng	100
84) Di-n-octyl phthalate	14.53	149	929821	40.613	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	673764	40.661	ng	96
87) Benzo(b)fluoranthene	15.01	252	693655	38.827	ng	99
88) Benzo(k)fluoranthene	15.04	252	628527m	36.185	ng	
89) Benzo(a)pyrene	15.37	252	647966	39.344	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	567025	40.100	ng	97
91) Benzo(g,h,i)perylene	17.36	276	570401	40.738	ng	96

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



#1

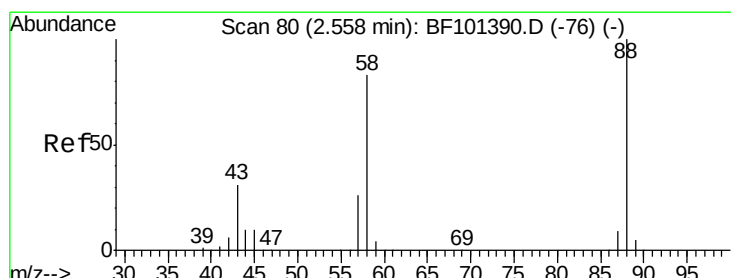
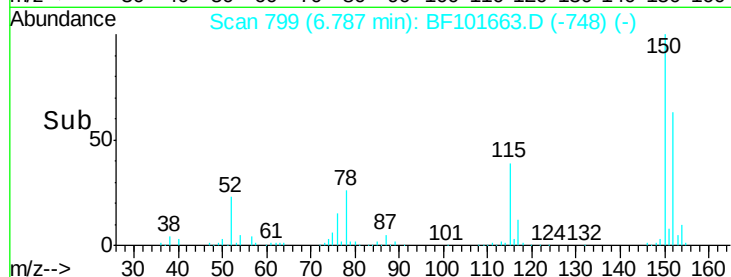
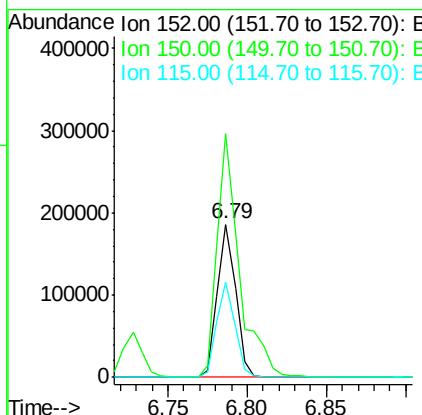
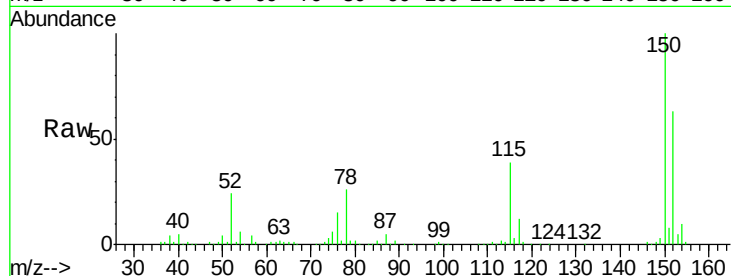
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
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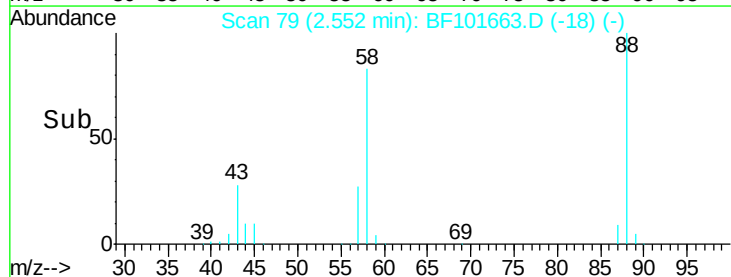
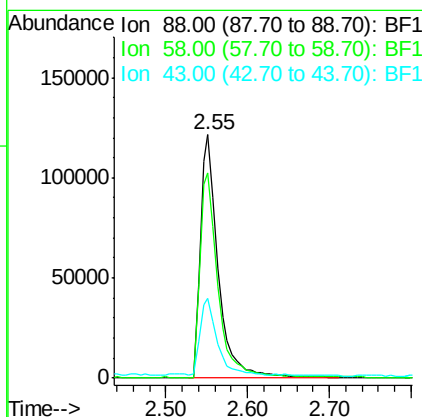
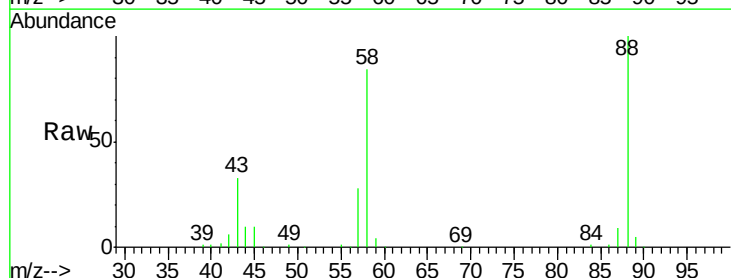
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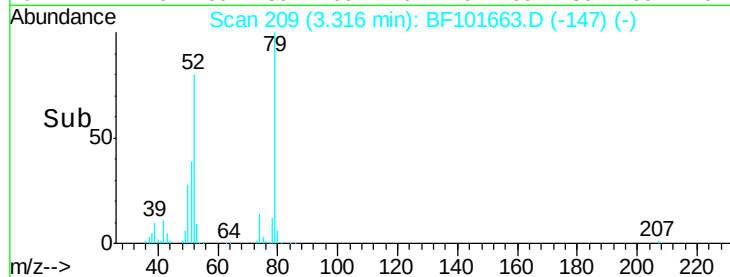
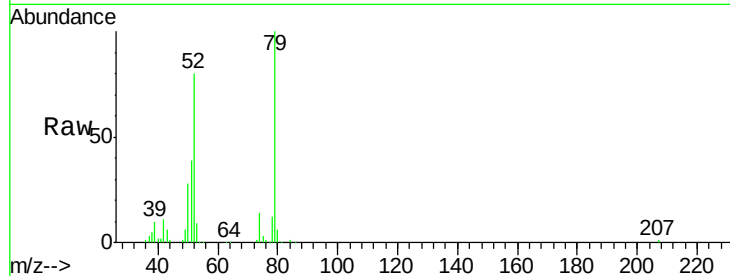
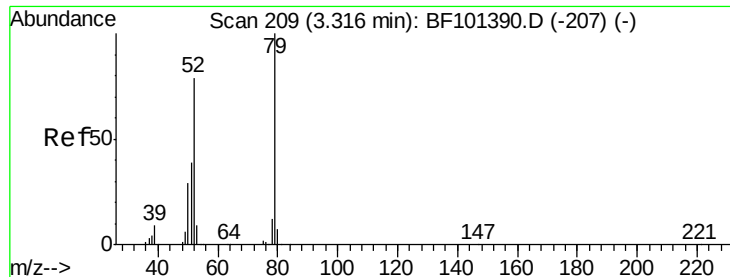


#2

1,4-Dioxane
Concen: 35.858 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.06 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.6	93.8
43	29.9	24.6	37.0





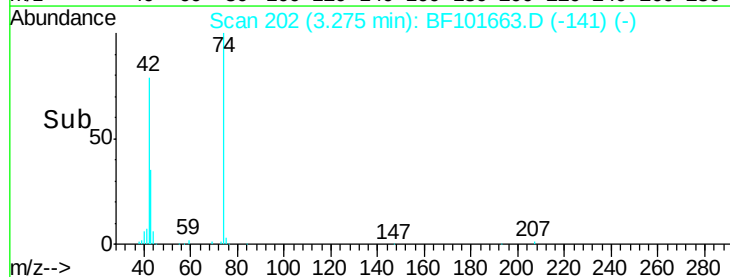
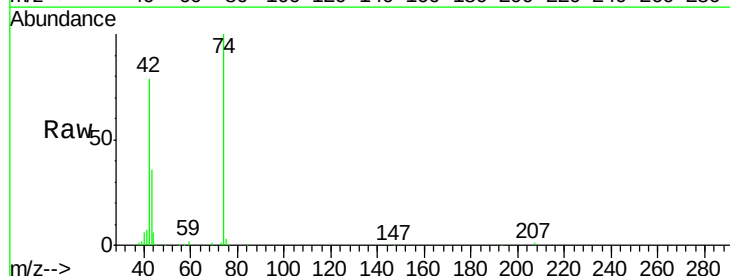
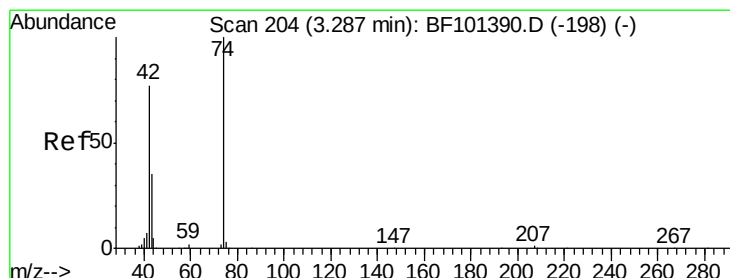
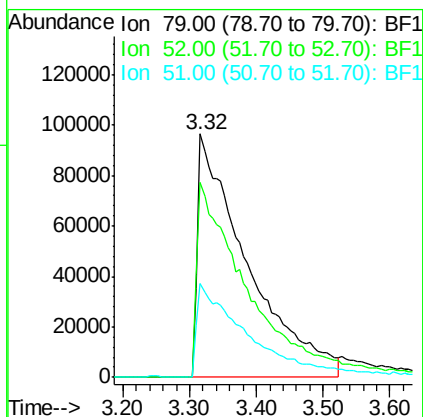
#3
Pyridine
Concen: 34.029 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.06 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.2	59.8	89.6
51	38.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

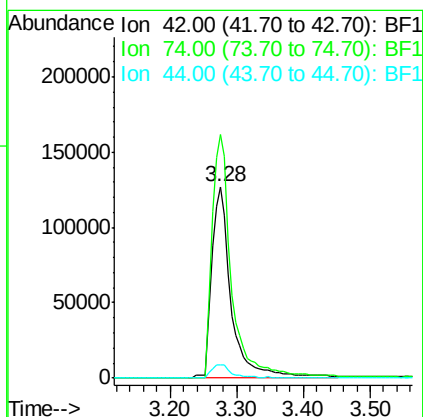
Manual Integrations
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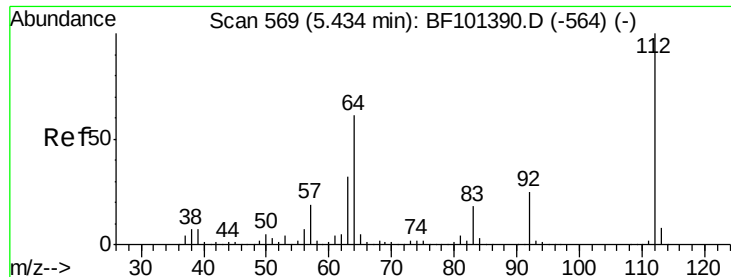
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#4
n-Nitrosodimethylamine
Concen: 39.662 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.06 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.0	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 121.297 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

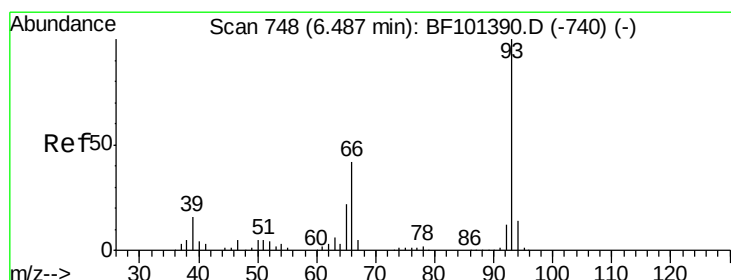
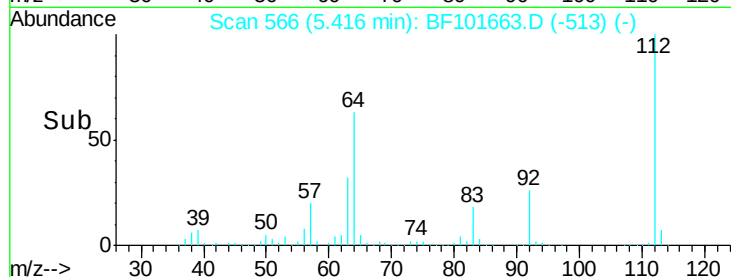
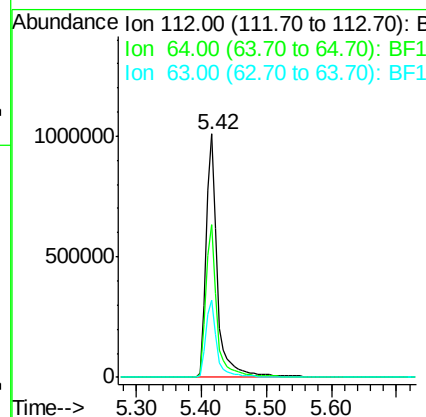
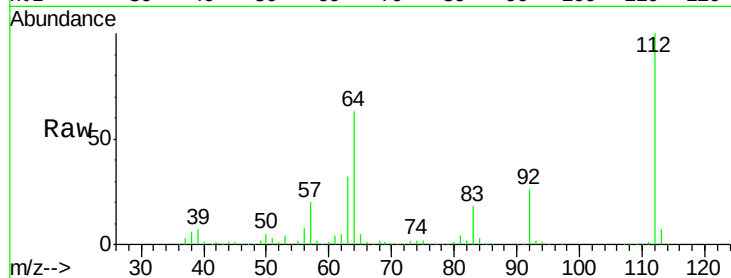
ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion:	112	Resp:	1224554
Ion Ratio	Lower	Upper	
112	100		
64	62.8	47.9	71.9
63	31.9	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 17.348 ng

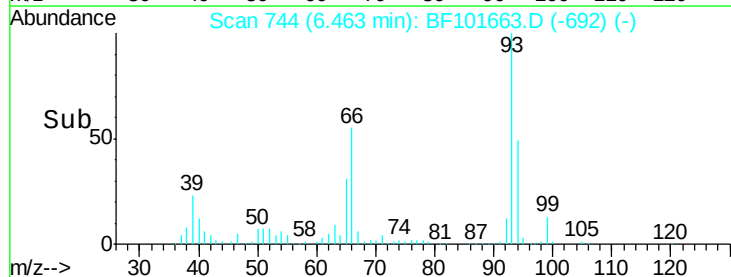
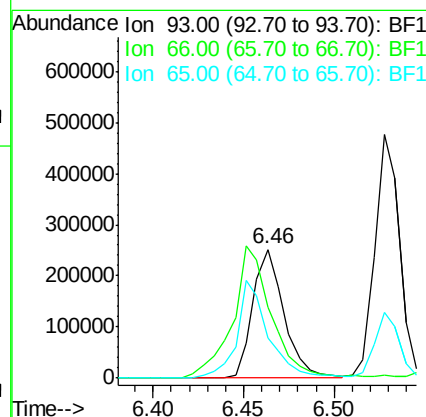
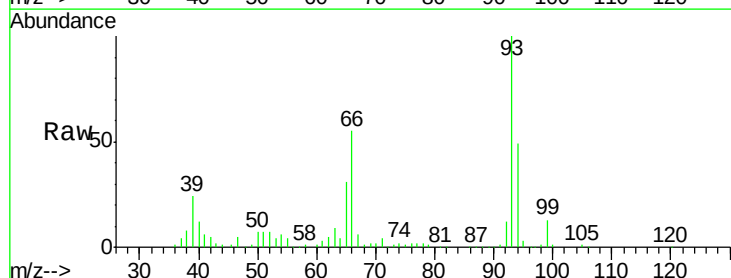
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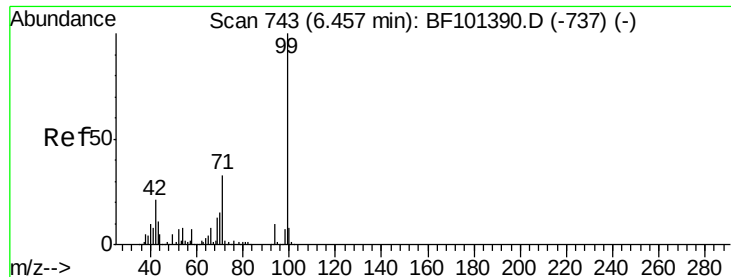
Delta R.T. 0.01 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Tgt Ion:	93	Resp:	302901
Ion Ratio	Lower	Upper	
93	100		
66	54.5	32.2	48.2#
65	31.4	16.4	24.6#





#7

Phenol-d6

Concen: 114.207 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101663.D

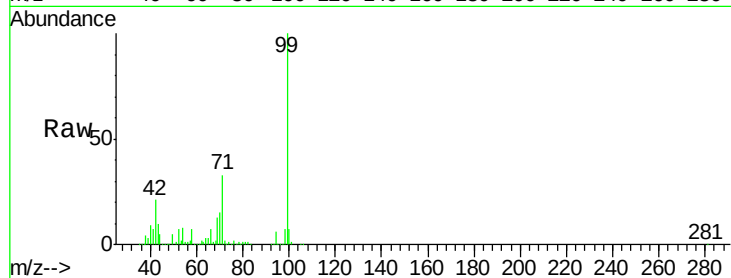
Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MSD



Tgt Ion: 99 Resp: 1434935

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

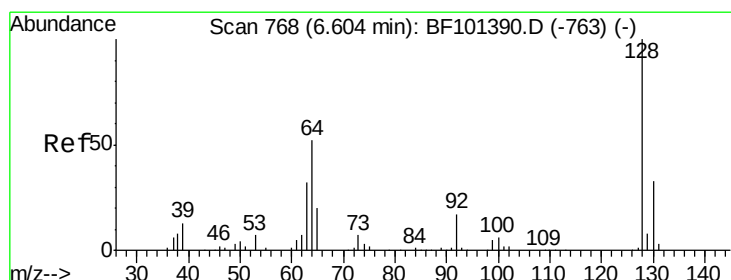
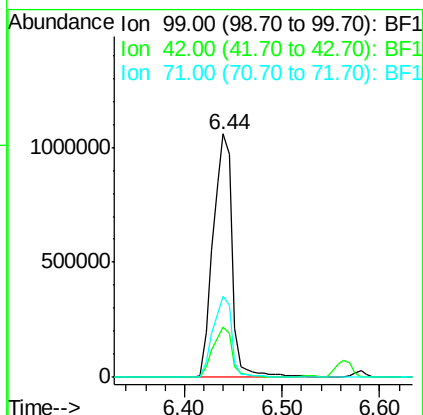
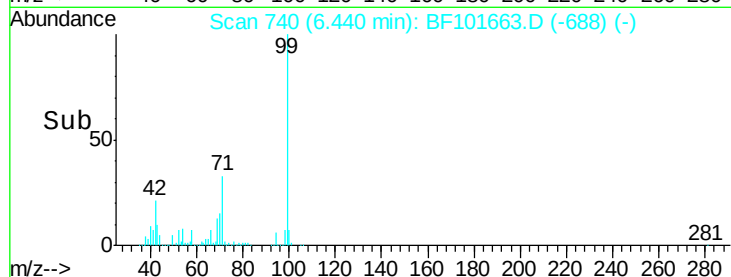
71 33.4 25.4 38.0

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#8

2-Chlorophenol

Concen: 40.521 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

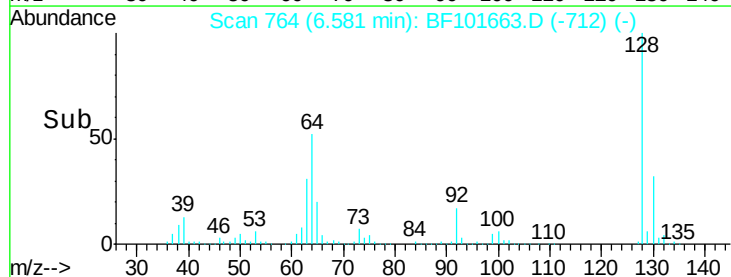
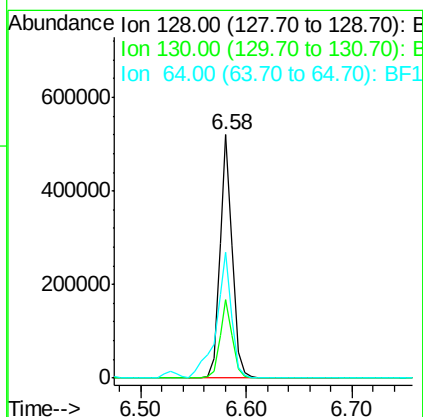
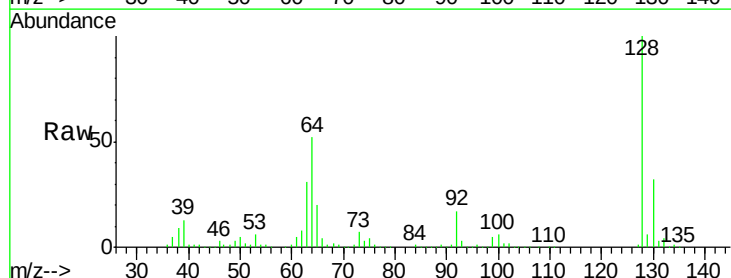
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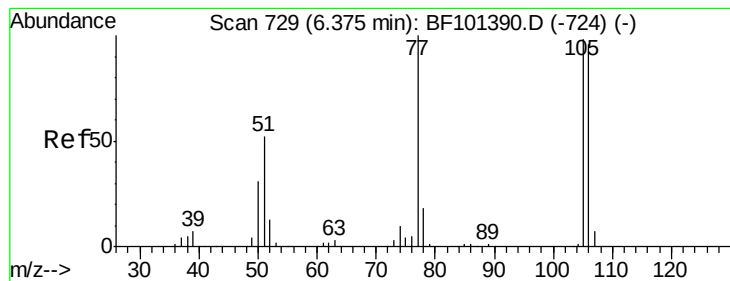
Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 51.7 29.4 69.4





#9

Benzaldehyde

Concen: 25.643 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

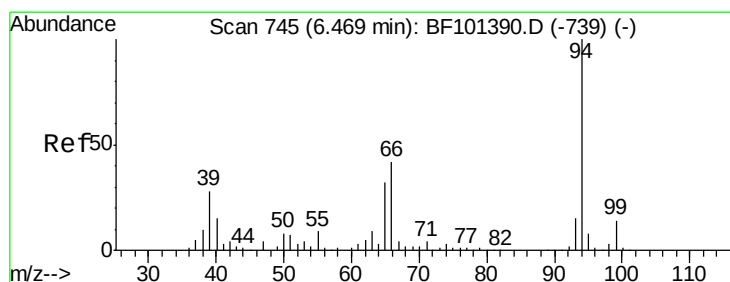
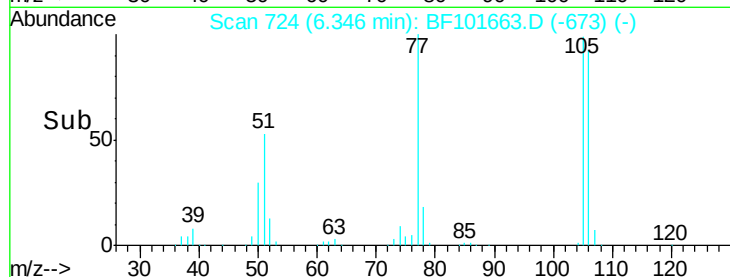
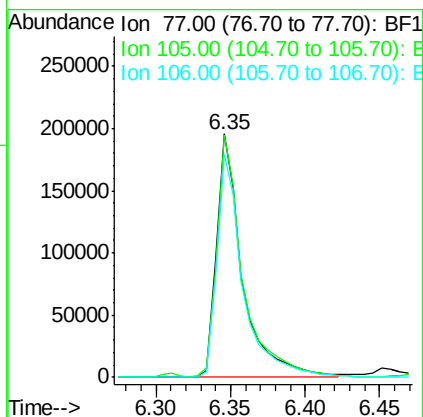
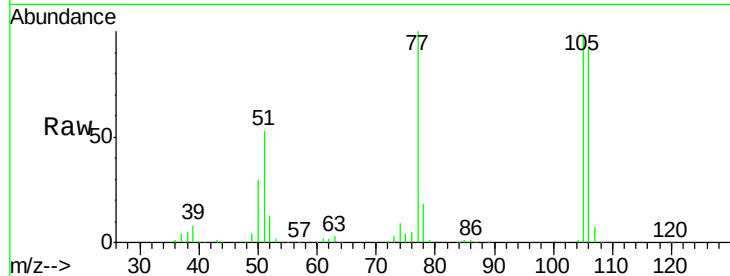
ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion:	77	Resp:	237946
Ion Ratio	Lower	Upper	
77	100		
105	99.3	81.1	121.1
106	91.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.937 ng

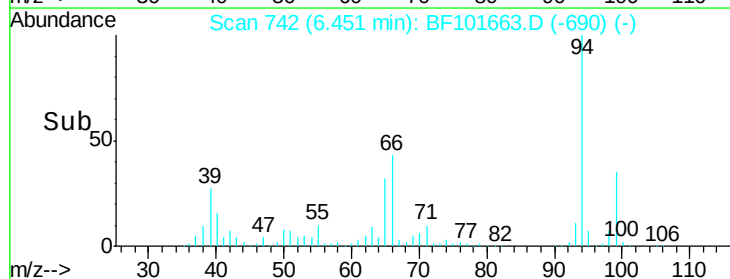
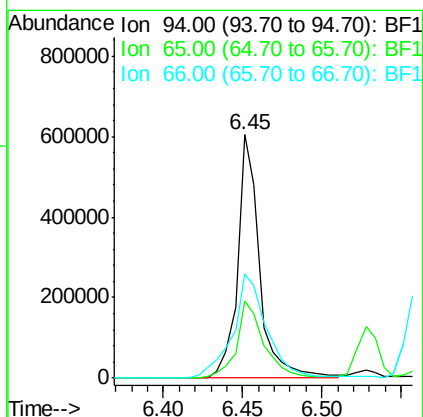
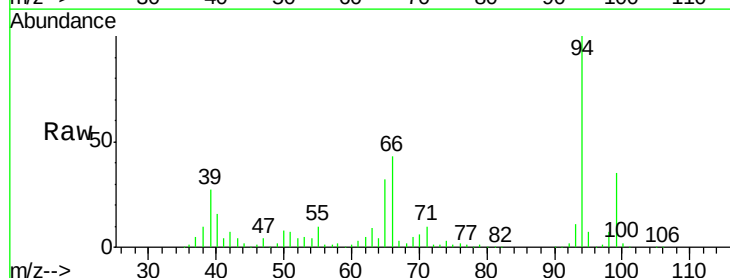
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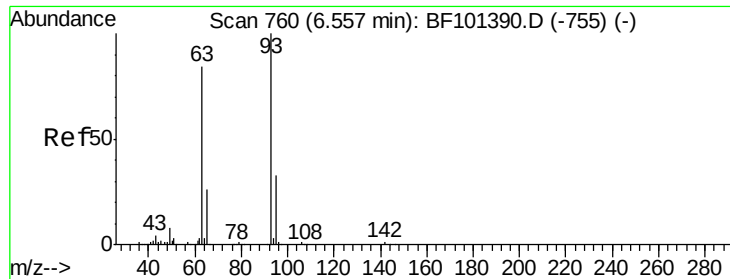
Delta R.T. 0.01 min

Lab File: BF101663.D

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Tgt Ion:	94	Resp:	586239
Ion Ratio	Lower	Upper	
94	100		
65	31.6	7.9	47.9
66	42.9	16.2	56.2





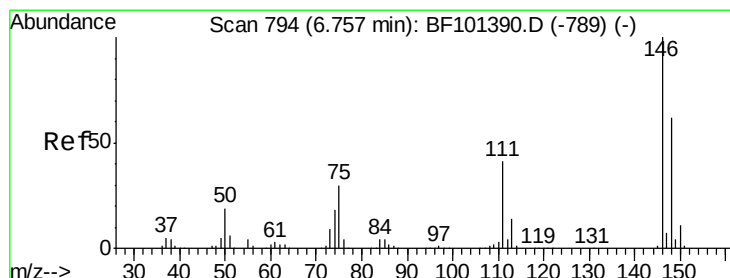
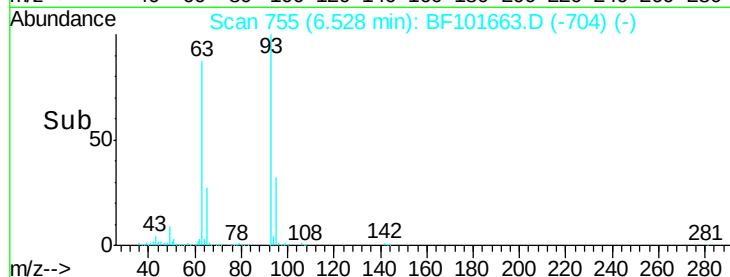
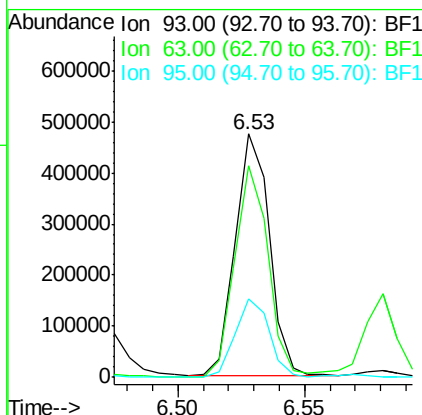
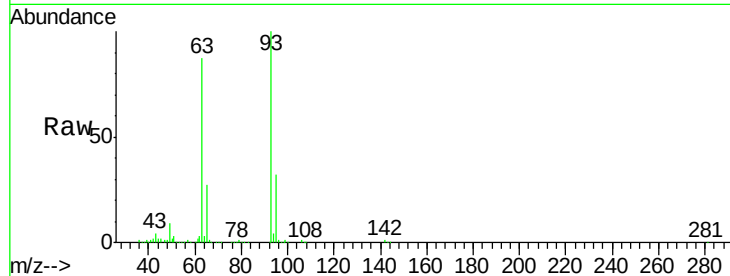
#11
bis(2-Chloroethyl)ether
Concen: 39.421 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	442815		
63	86.8	58.6	98.6	
95	32.4	11.8	51.8	

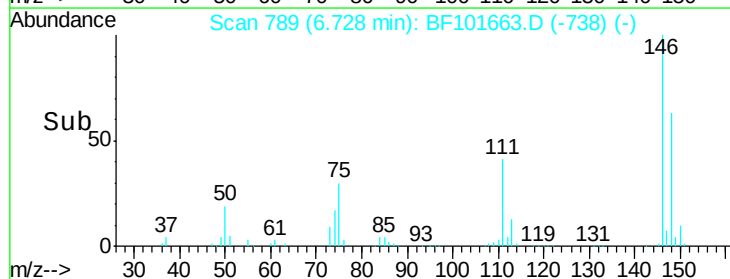
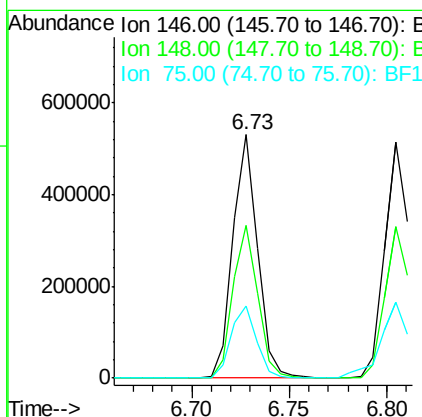
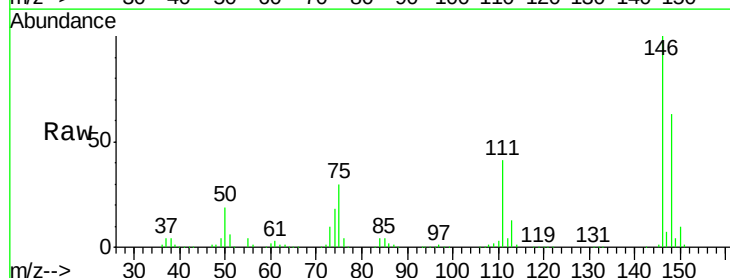
Manual Integrations
APPROVED

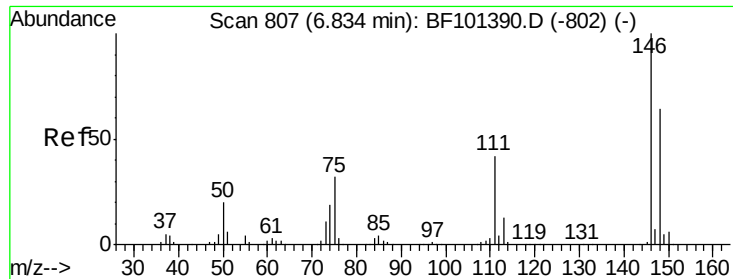
Sohil
12/26/2017 1:37:24 PM



#12
1,3-Dichlorobenzene
Concen: 38.935 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	466663		
148	62.8	51.8	77.8	
75	29.8	24.2	36.4	





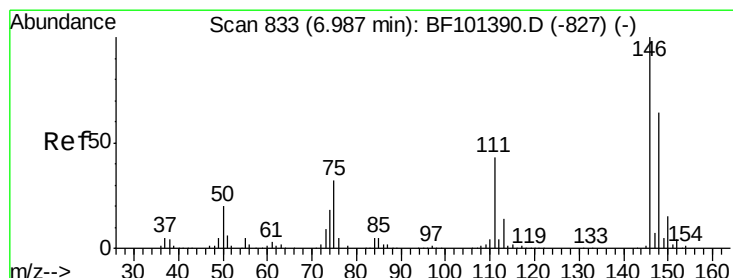
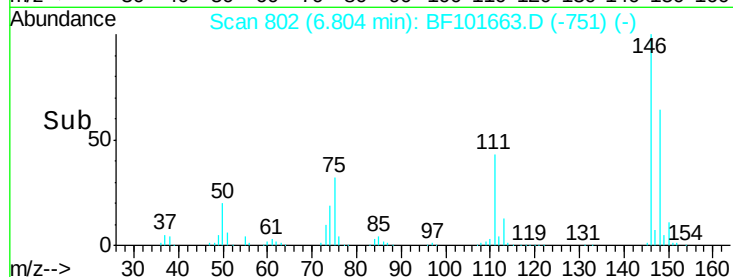
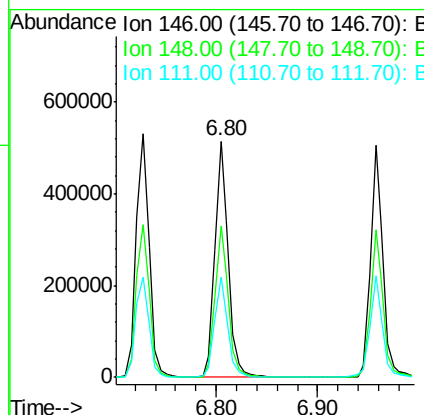
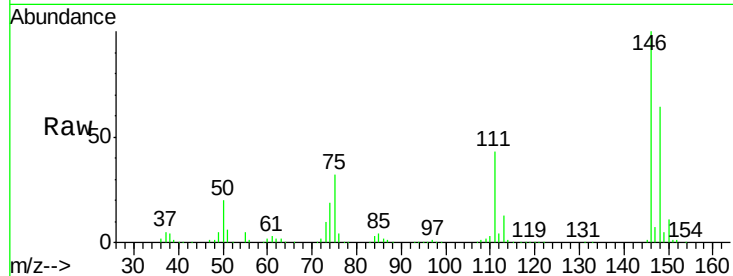
#13
 1,4-Dichlorobenzene
 Concen: 38.668 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	42.7	34.2	51.2

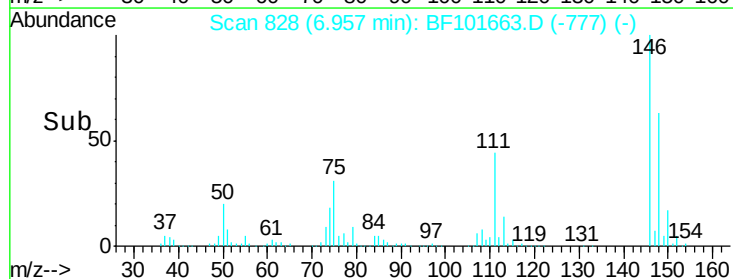
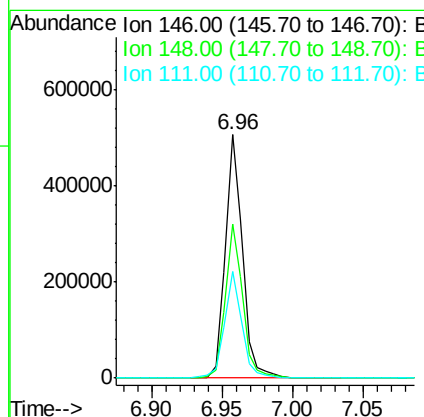
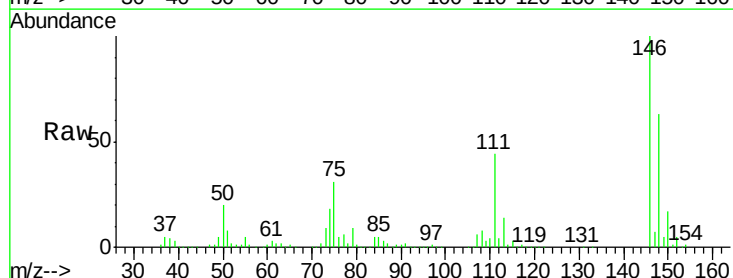
Manual Integrations
 APPROVED

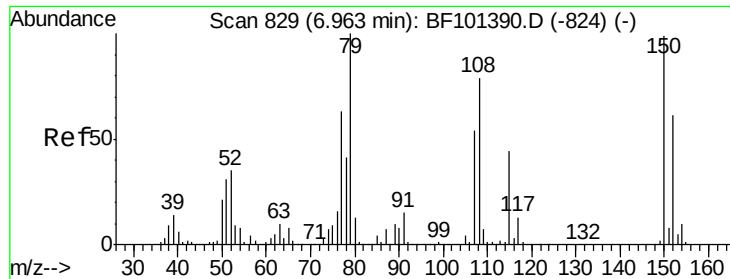
Sohil
 12/26/2017 1:37:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.771 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	43.8	36.0	54.0





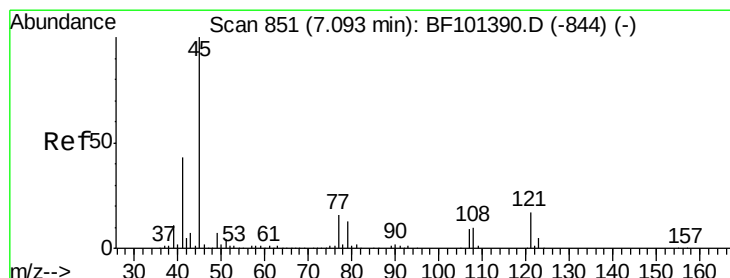
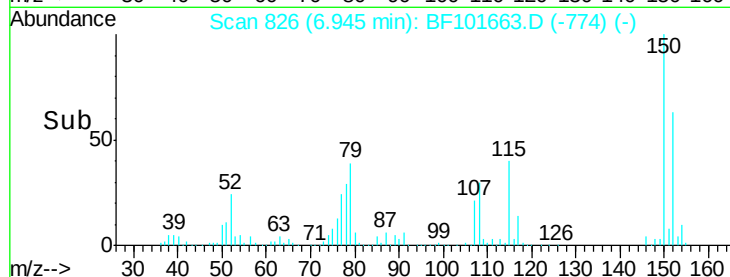
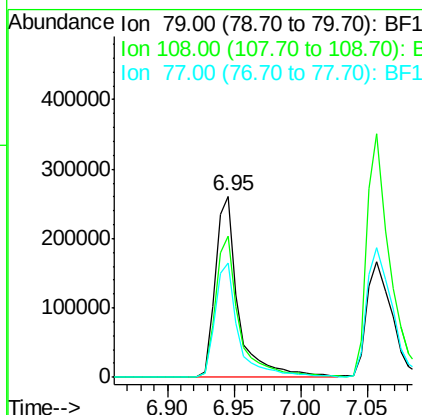
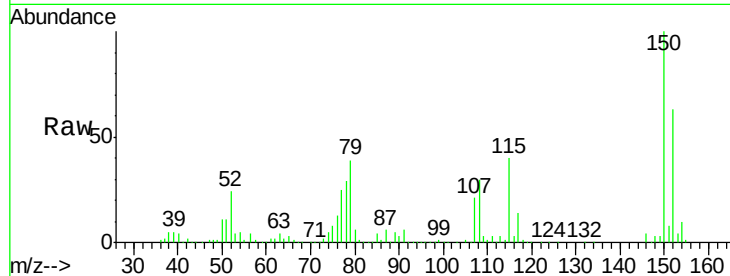
#15
Benzyl Alcohol
Concen: 37.025 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.6	65.1	97.7
77	63.3	50.6	75.8

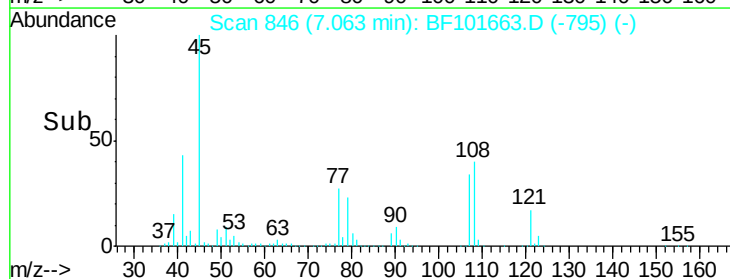
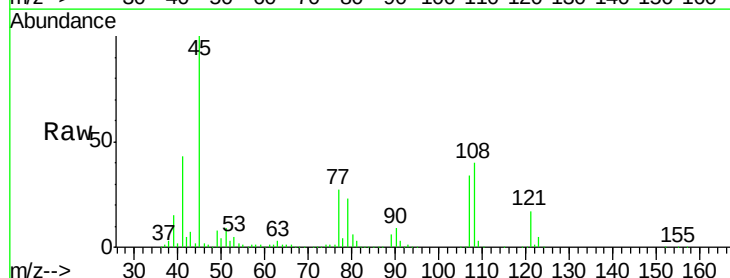
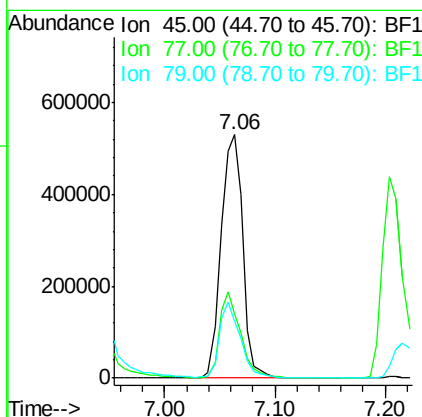
Manual Integrations
APPROVED

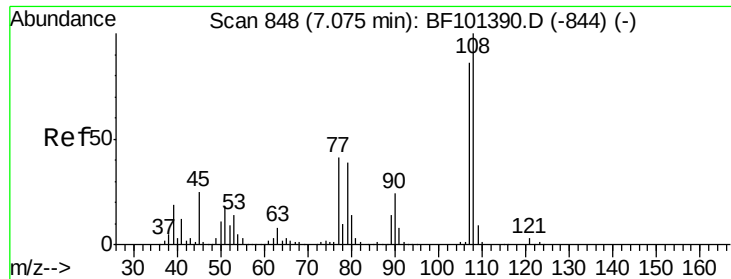
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.173 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.7	0.0	32.9
79	23.3	0.0	29.6





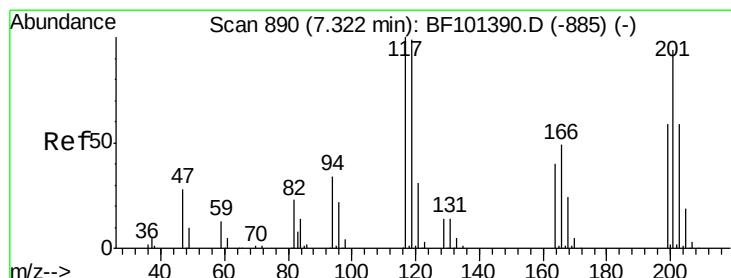
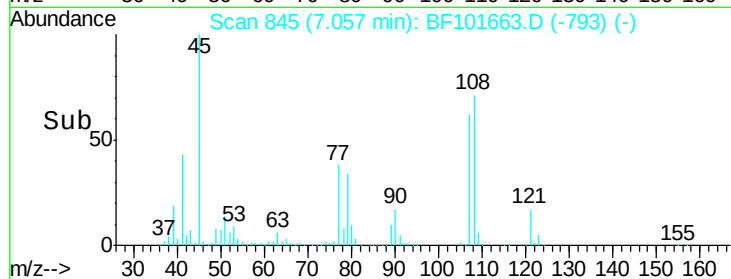
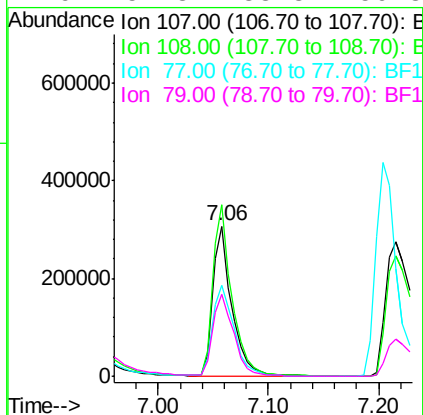
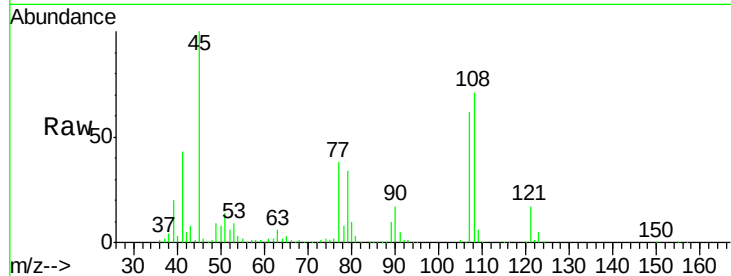
#17
2-Methylphenol
Concen: 36.930 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	360758		
108	114.2	91.7	137.5	
77	60.7	33.8	50.8#	
79	54.3	33.8	50.8#	

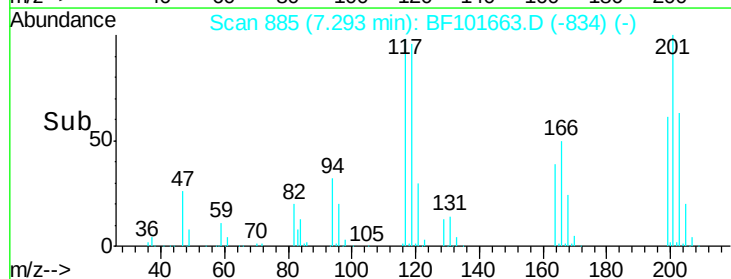
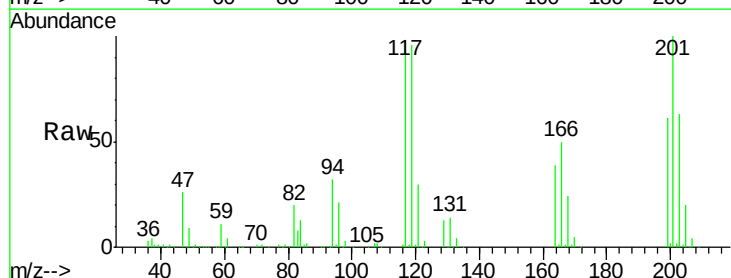
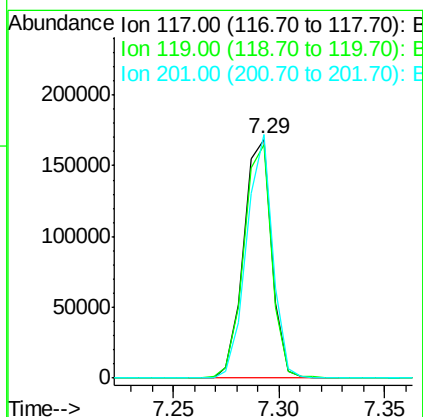
Manual Integrations
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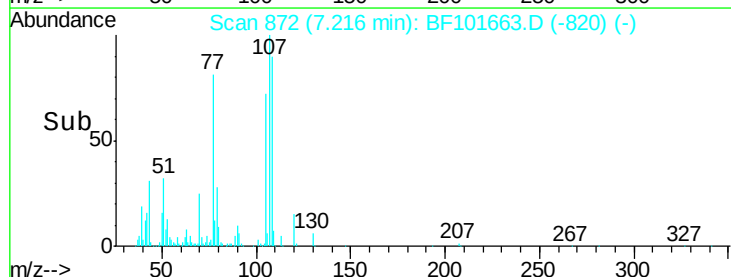
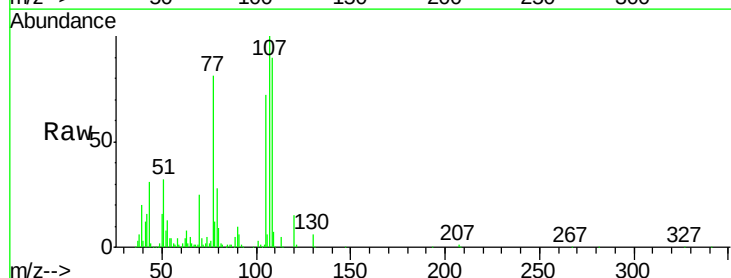
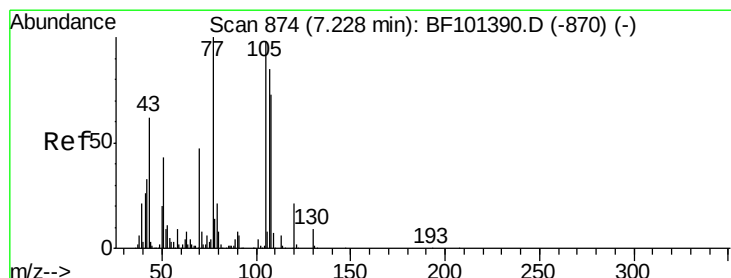
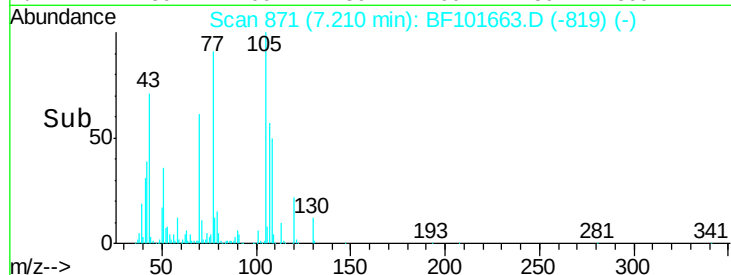
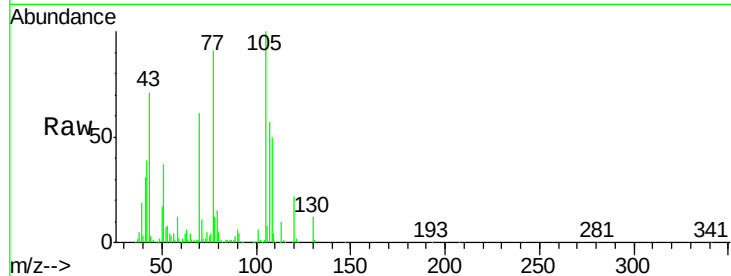
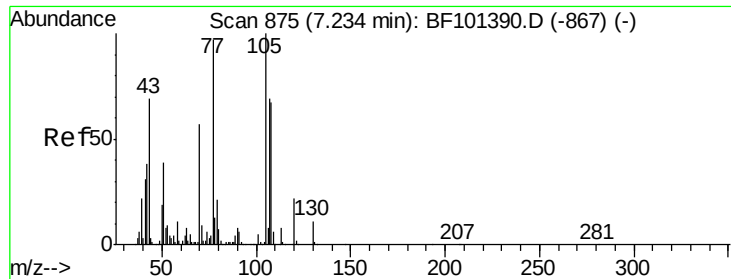
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#18
Hexachloroethane
Concen: 36.632 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	155884		
119	97.9	75.8	113.8	
201	102.0	75.7	113.5	





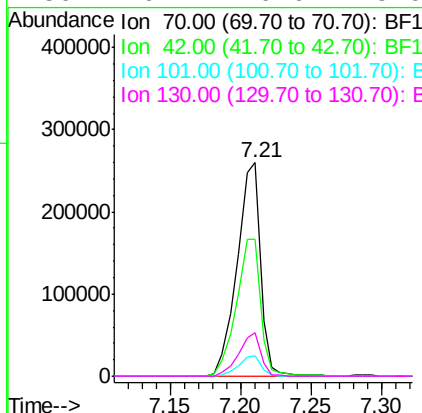
#19
n-Nitroso-di-n-propylamine
Concen: 36.572 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	301768		
42	64.4	47.5	71.3	
101	9.7	7.4	11.2	
130	20.1	16.6	25.0	

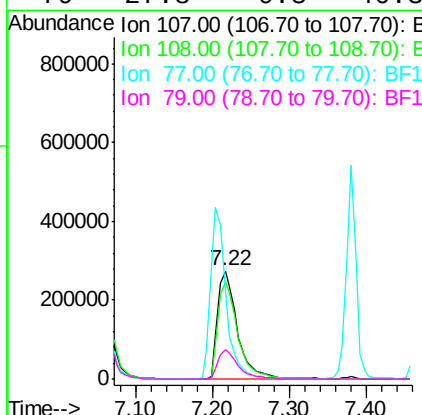
Manual Integrations
APPROVED

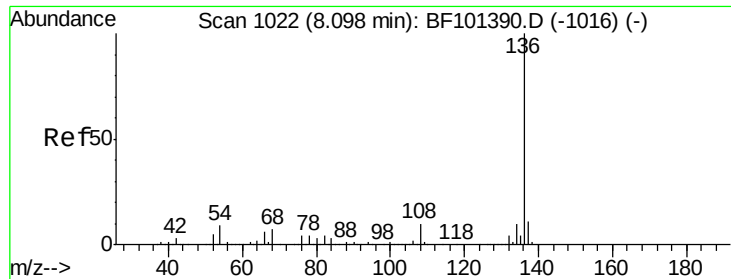
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#20
3+4-Methylphenols
Concen: 46.562 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	481998		
108	90.4	68.2	108.2	
77	80.7	26.7	66.7#	
79	27.8	6.3	46.3	





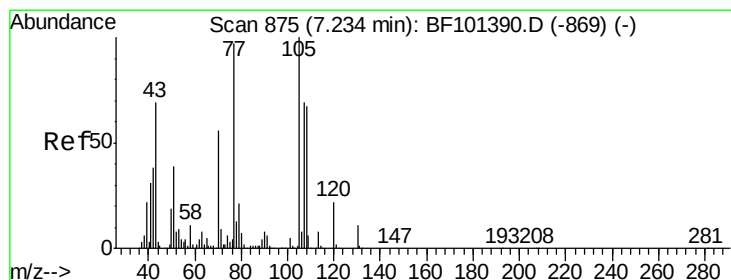
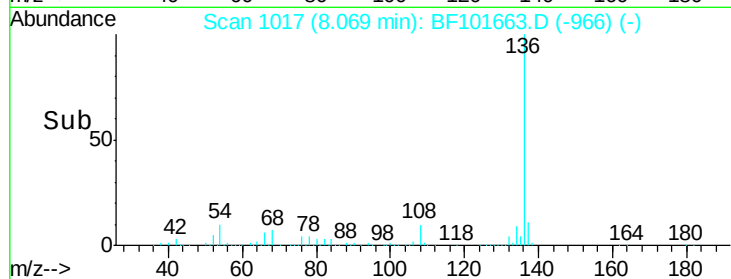
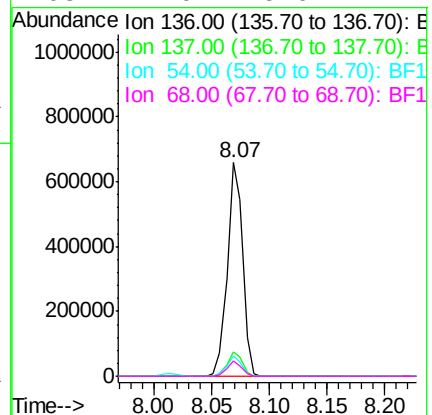
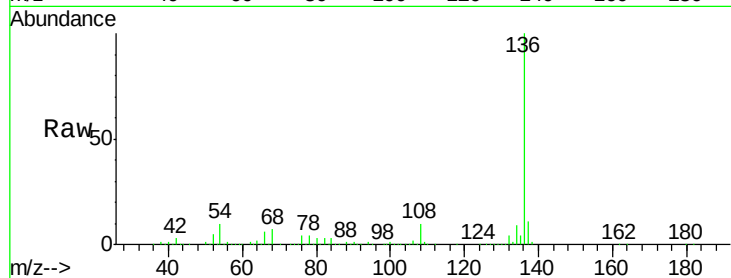
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	606911		
137	11.2	8.9	13.3	
54	9.8	6.6	9.8	
68	7.0	5.0	7.4	

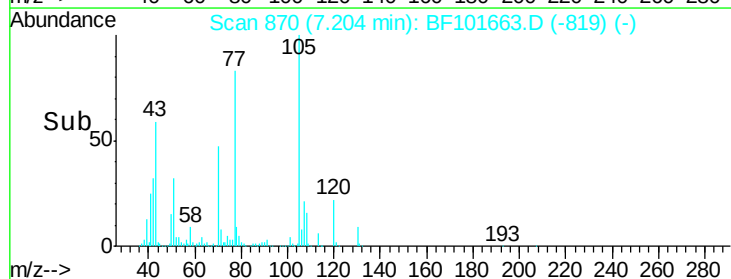
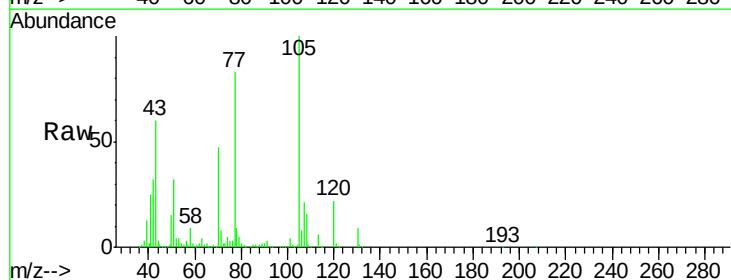
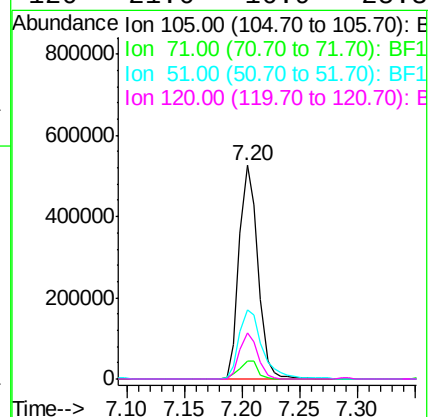
Manual Integrations
APPROVED

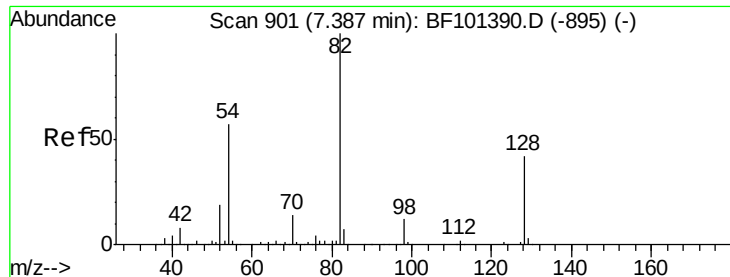
Sohil
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#22
Acetophenone
Concen: 43.011 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	595630		
71	8.2	4.4	6.6#	
51	32.2	22.3	33.5	
120	21.6	16.9	25.3	





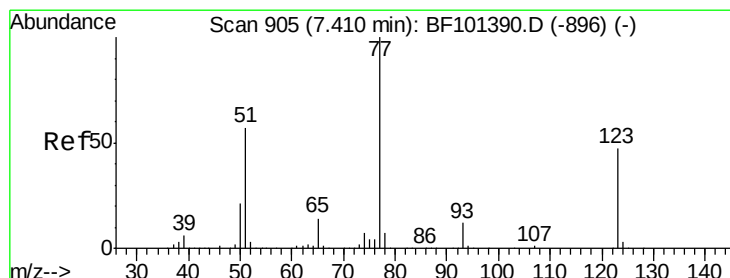
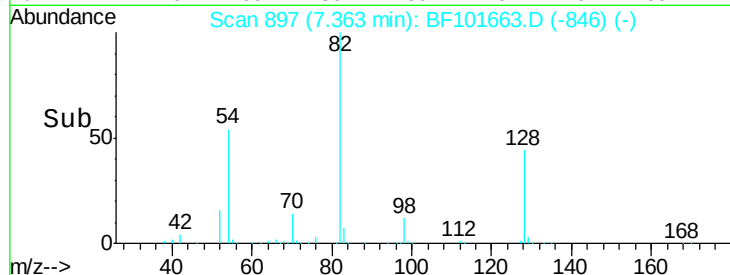
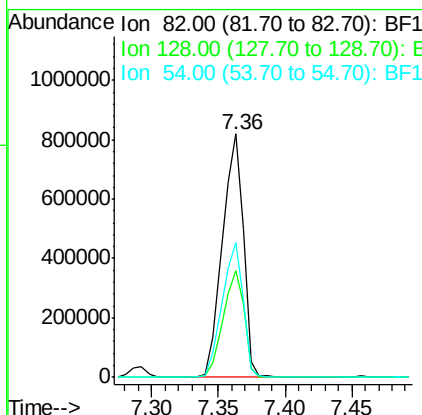
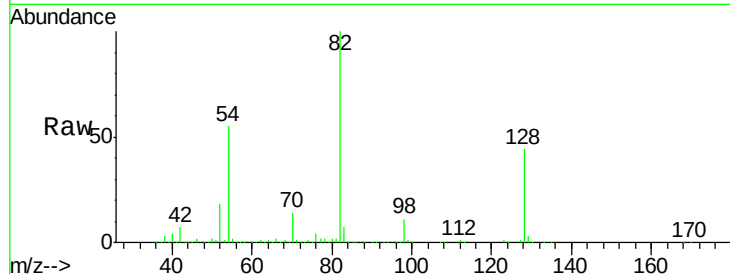
#23
Nitrobenzene-d5
Concen: 84.198 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	917996		
128	43.8	36.1	54.1	
54	55.5	41.4	62.2	

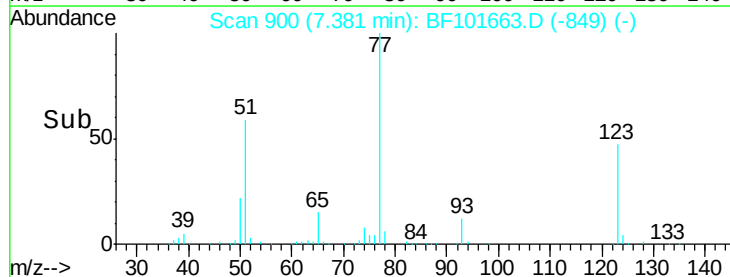
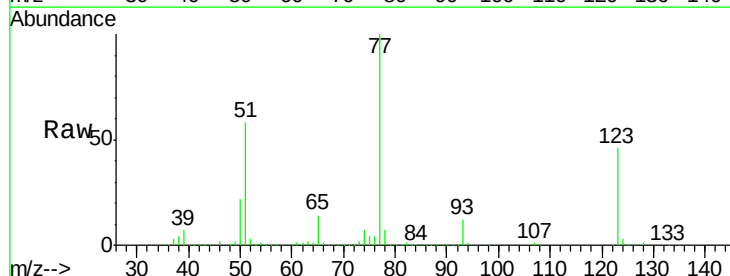
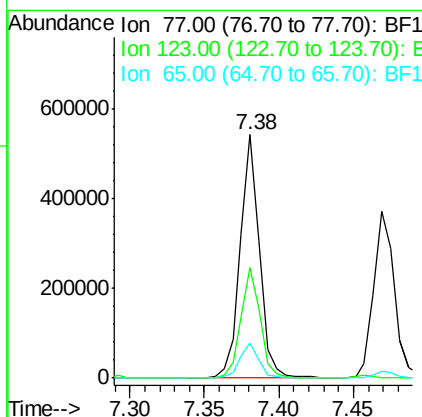
Manual Integrations
APPROVED

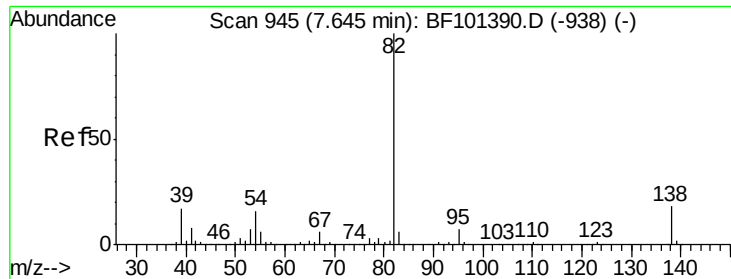
Sohil
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#24
Nitrobenzene
Concen: 40.253 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	485723		
123	45.6	37.9	56.9	
65	14.3	11.0	16.4	





#25

Isophorone

Concen: 41.156 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

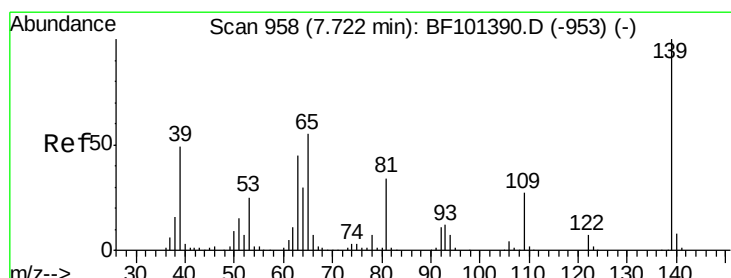
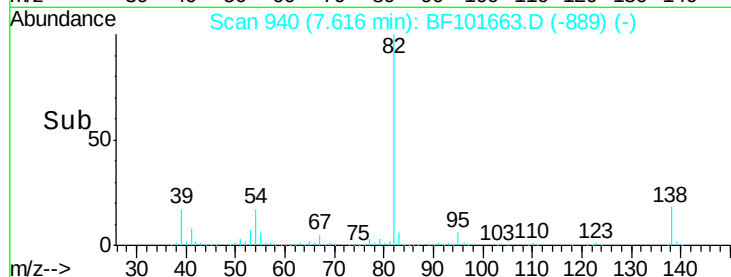
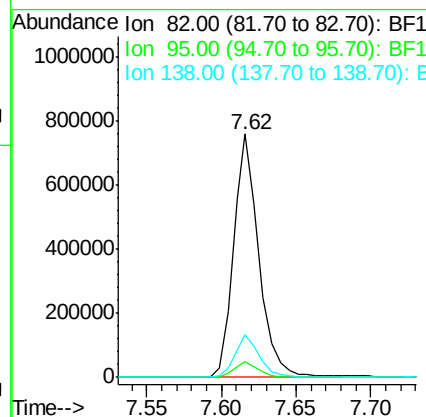
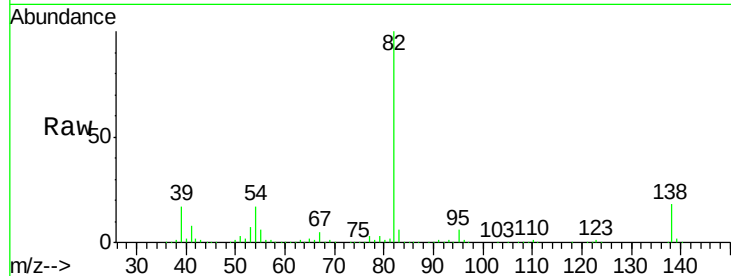
ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion:	82	Resp:	900149
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.701 ng

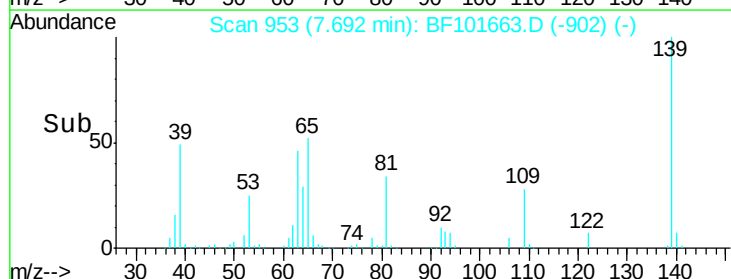
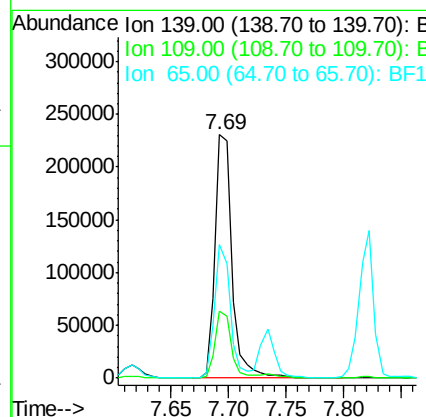
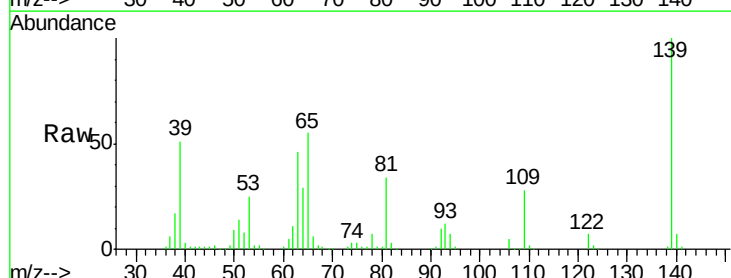
RT: 7.69 min Scan# 953

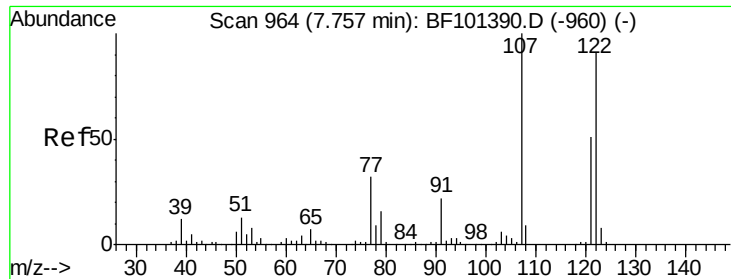
Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Tgt Ion:	139	Resp:	236915
Ion Ratio		Lower	Upper
139	100		
109	27.6	22.7	34.1
65	55.0	40.5	60.7





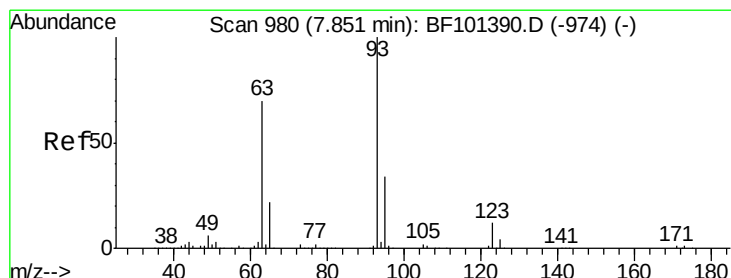
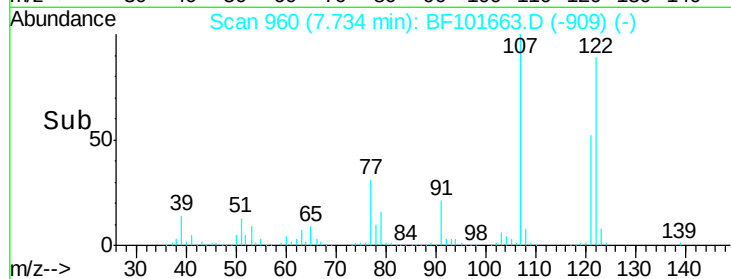
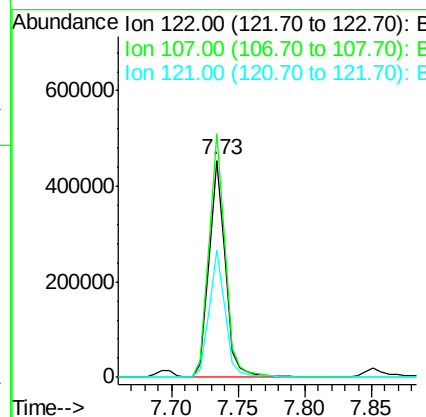
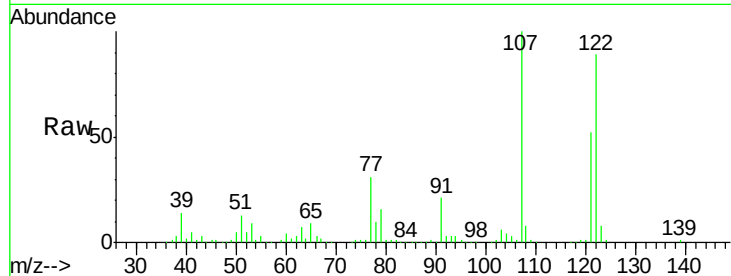
#27
 2,4-Dimethylphenol
 Concen: 44.228 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	389518		
107	112.0	91.2	136.8	
121	58.2	47.2	70.8	

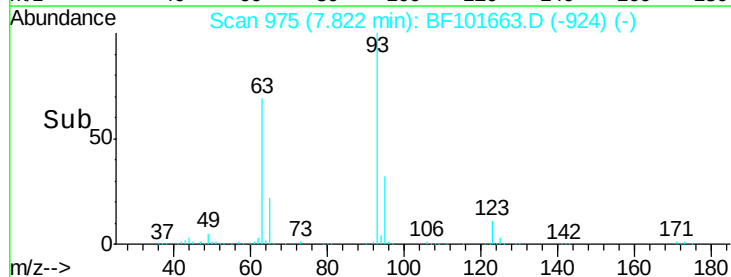
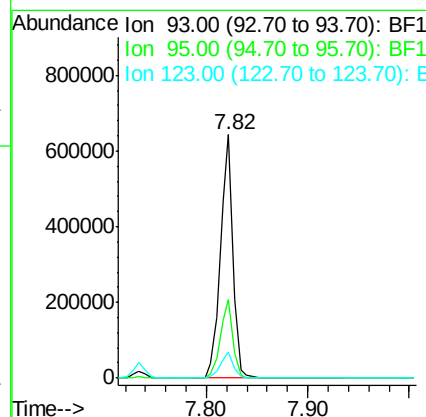
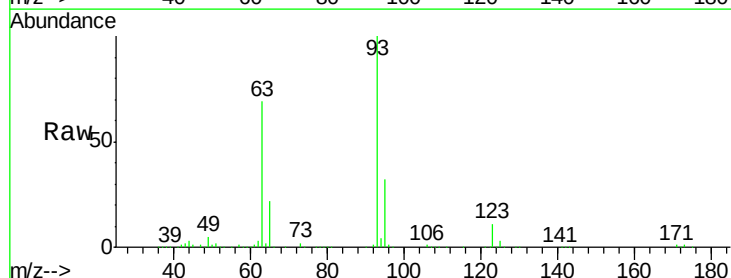
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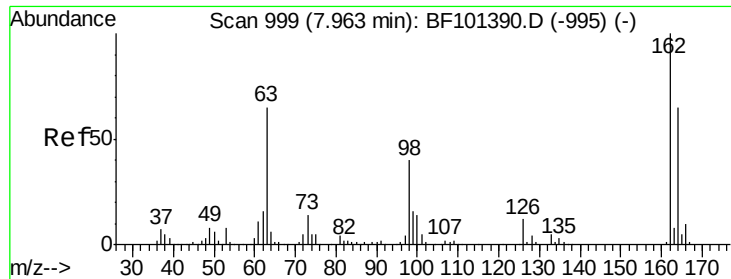
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.876 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	554005		
95	32.3	26.3	39.5	
123	10.8	9.8	14.6	





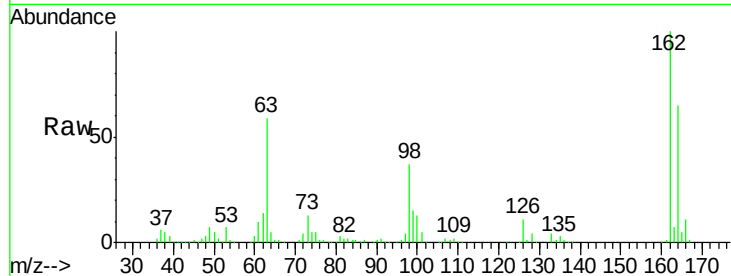
#29
2,4-Dichlorophenol
Concen: 43.866 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

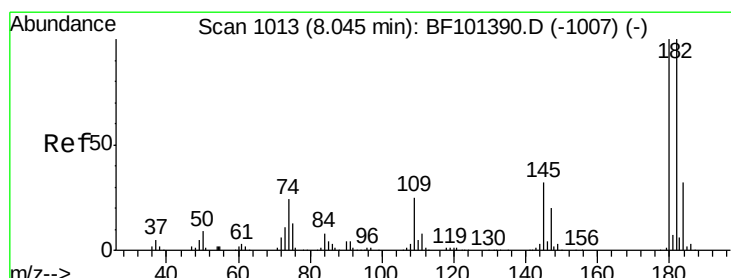
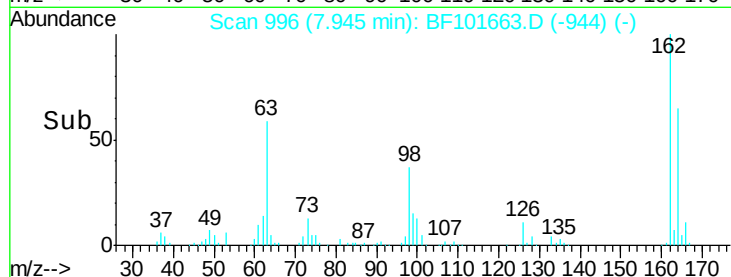
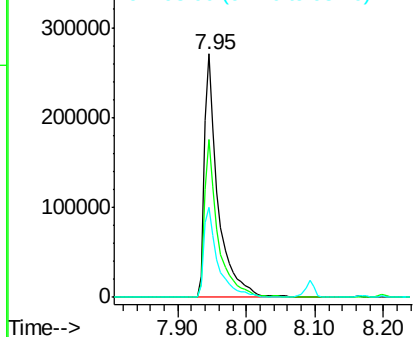
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	381672		
164	64.8	42.7	82.7	
98	36.8	18.1	58.1	

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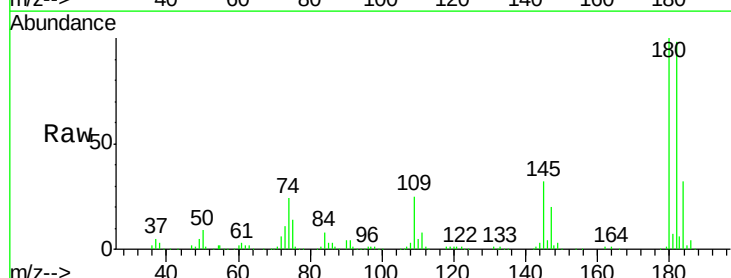


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

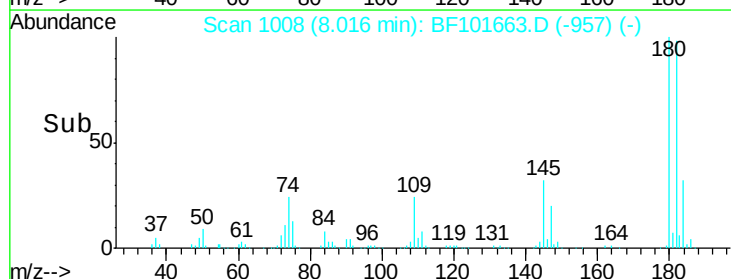
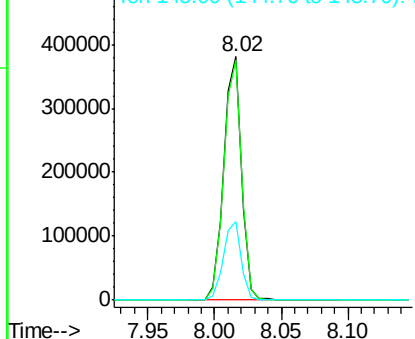


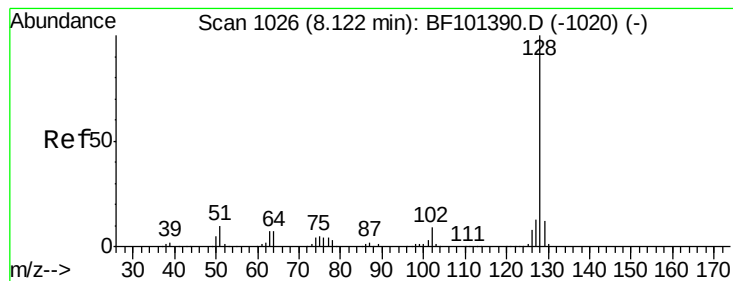
#30
1,2,4-Trichlorobenzene
Concen: 39.147 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359450		
182	98.3	76.8	115.2	
145	32.1	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.843 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

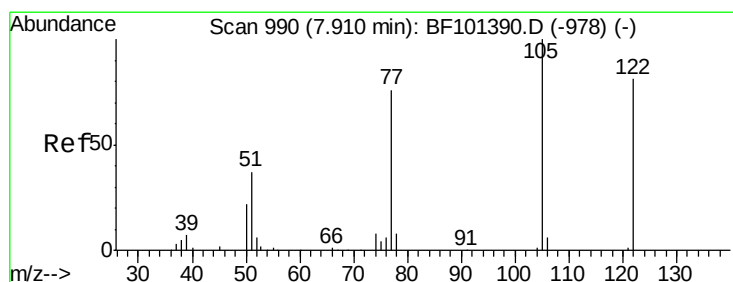
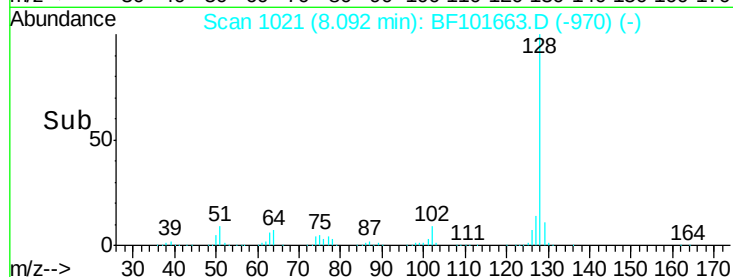
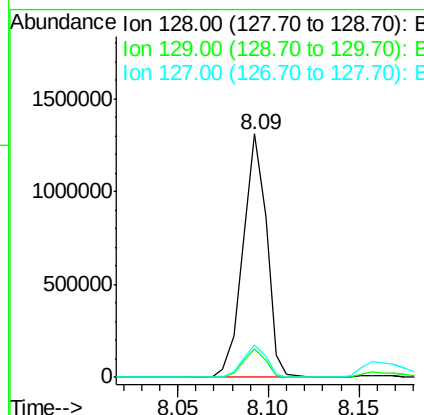
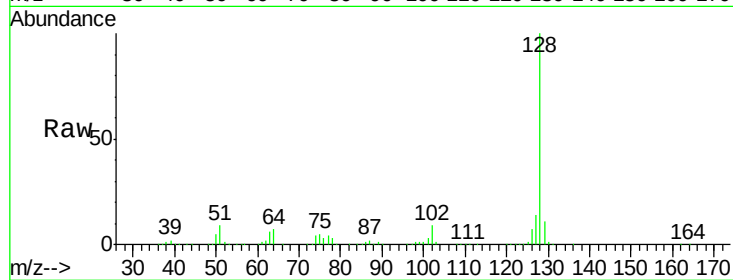
ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion:	128	Resp:	1186821
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 12.043 ng

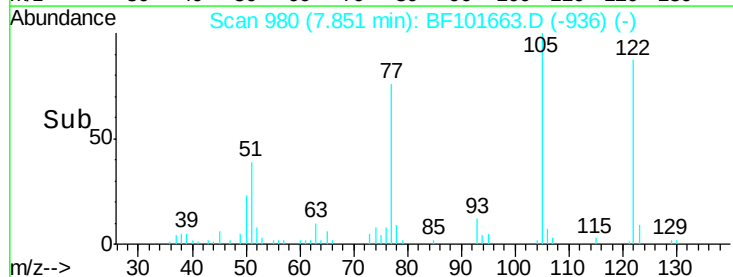
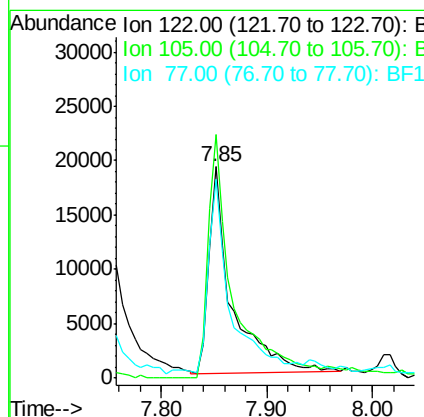
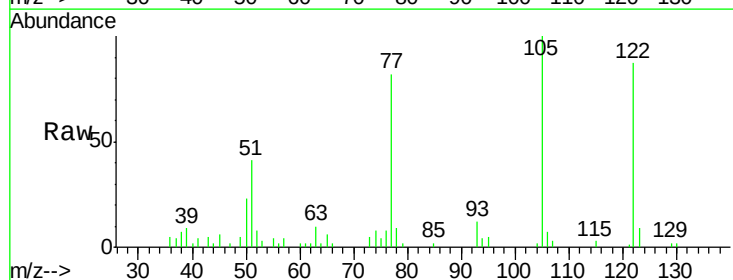
RT: 7.85 min Scan# 980

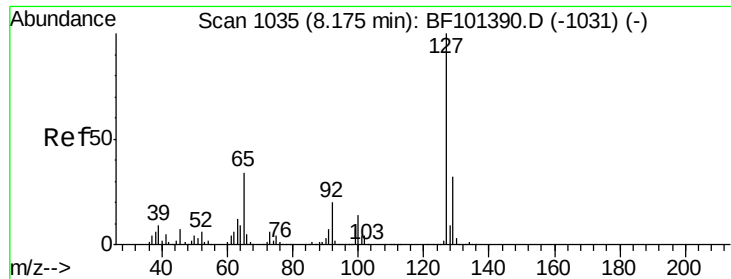
Delta R.T. -0.04 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Tgt Ion:	122	Resp:	29042
Ion	Ratio	Lower	Upper
122	100		
105	115.4	101.1	141.1
77	94.4	70.7	110.7





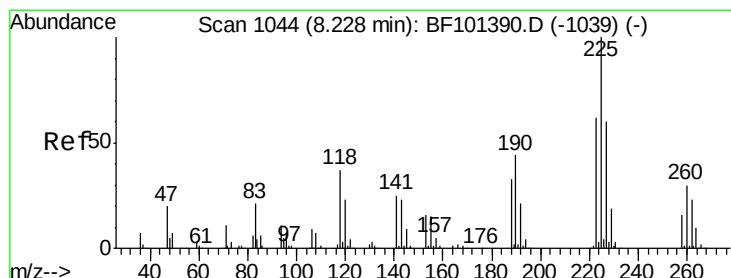
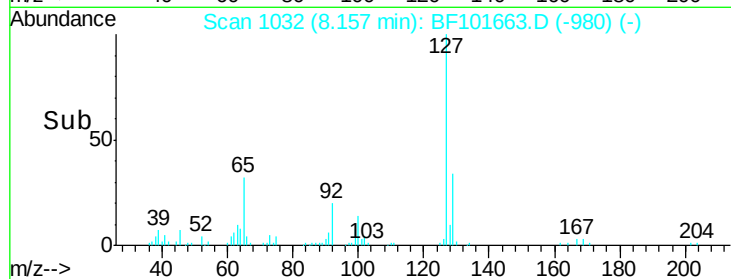
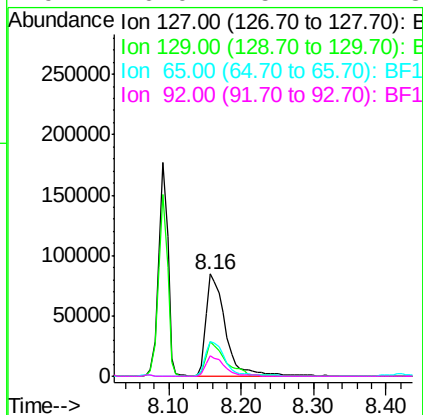
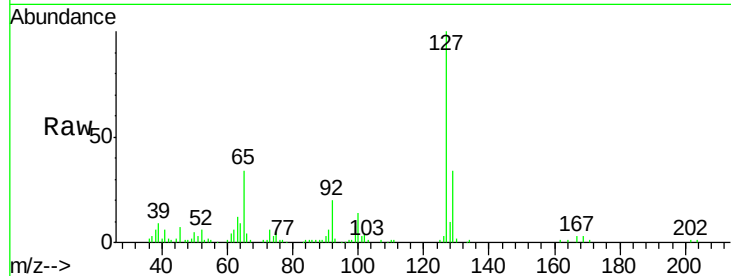
#33
 4-Chloroaniline
 Concen: 11.977 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	159051		
129	34.1	25.9	38.9	
65	33.7	25.0	37.4	
92	20.0	15.2	22.8	

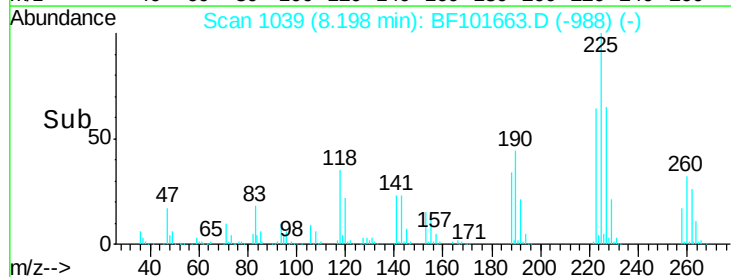
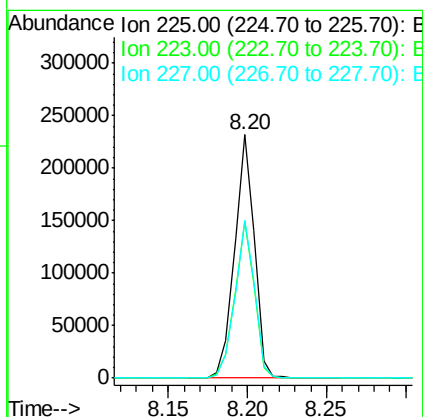
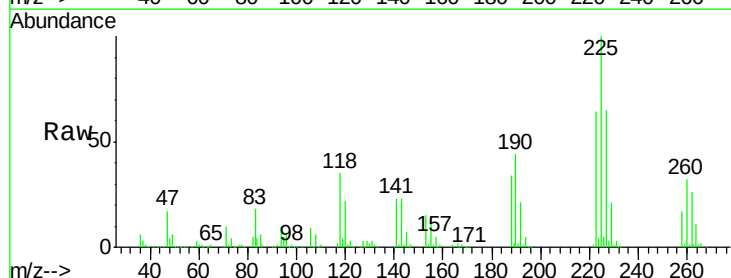
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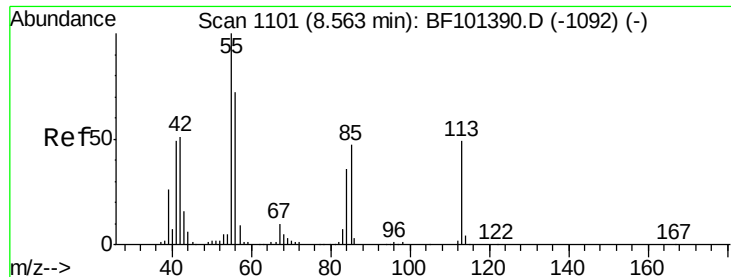
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#34
 Hexachlorobutadiene
 Concen: 37.788 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	200681		
223	64.3	50.6	76.0	
227	64.8	51.9	77.9	





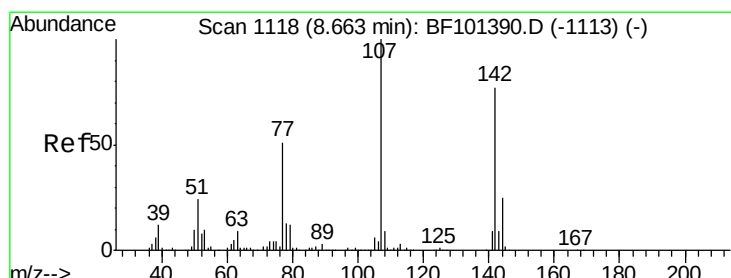
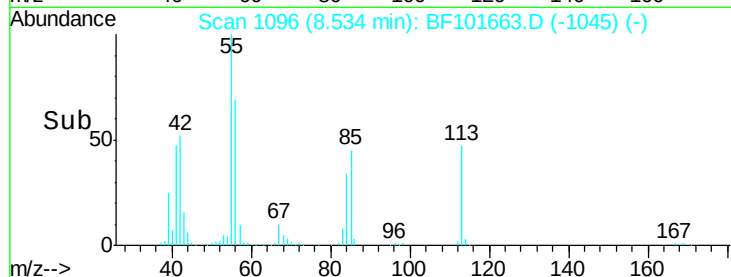
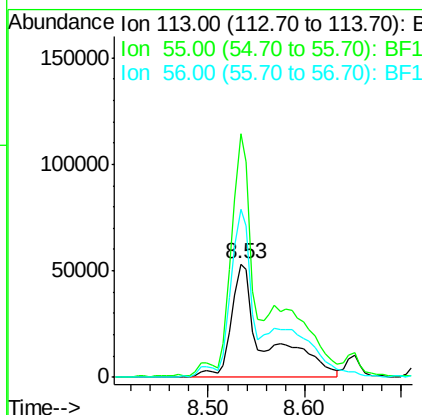
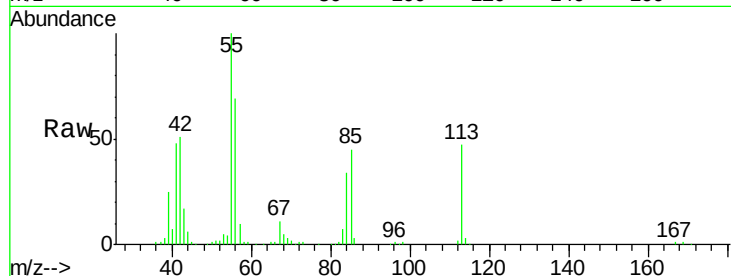
#35
 Caprolactam
 Concen: 42.893 ng m
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	214.4	163.3	203.3#
56	147.5	115.7	155.7

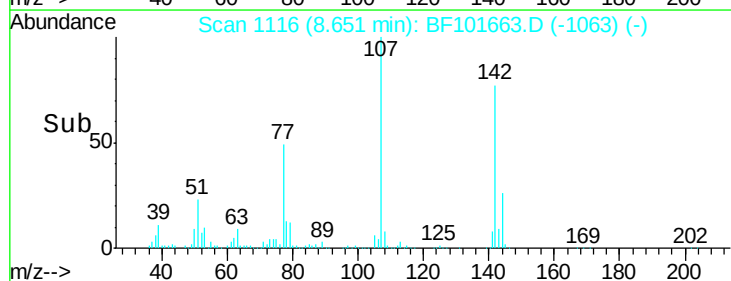
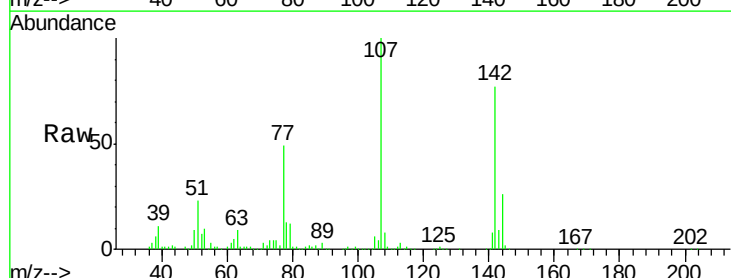
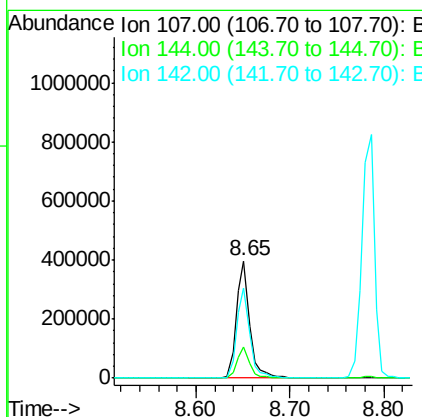
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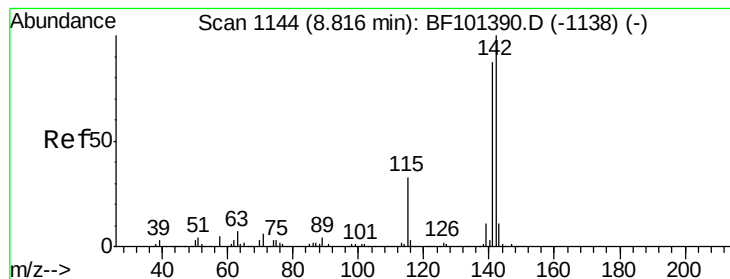
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#36
 4-Chloro-3-methylphenol
 Concen: 40.503 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	77.2	62.0	93.0





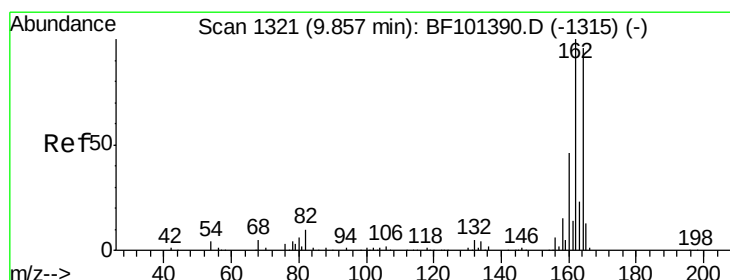
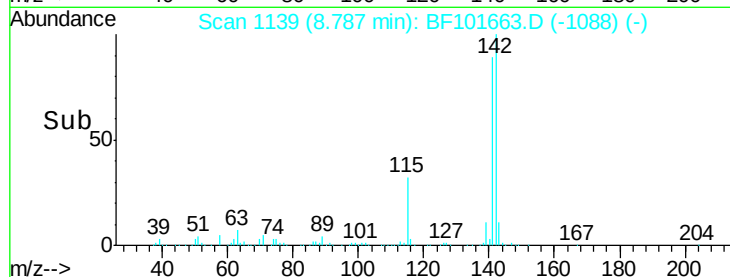
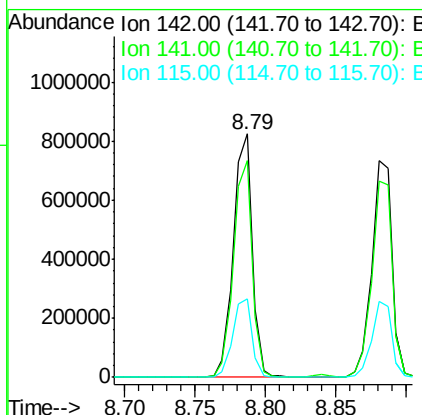
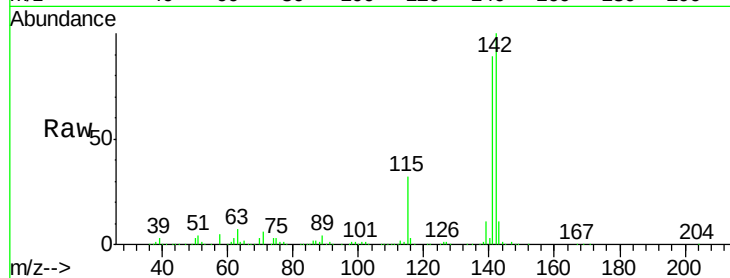
#37
 2-Methylnaphthalene
 Concen: 38.670 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.0	26.1	39.1

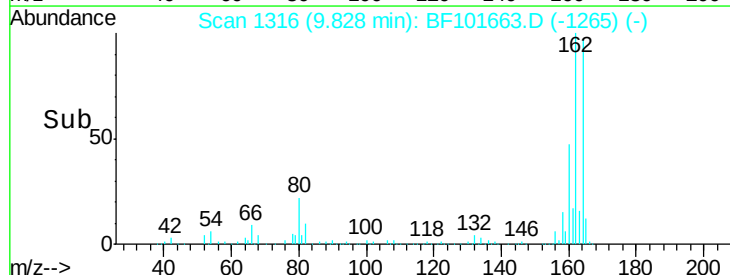
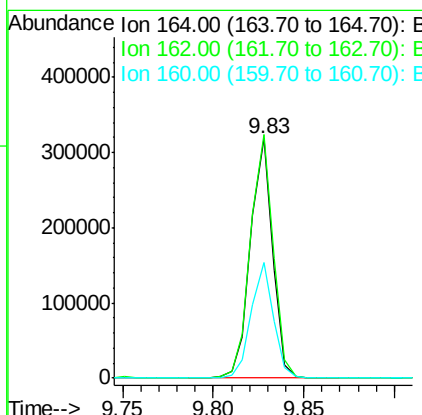
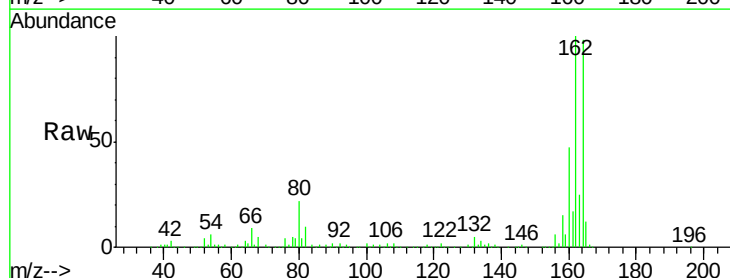
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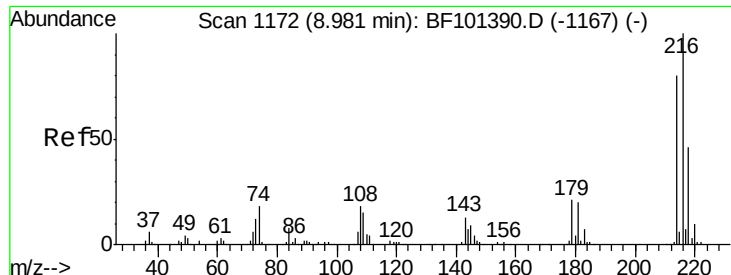
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	48.1	38.3	57.5





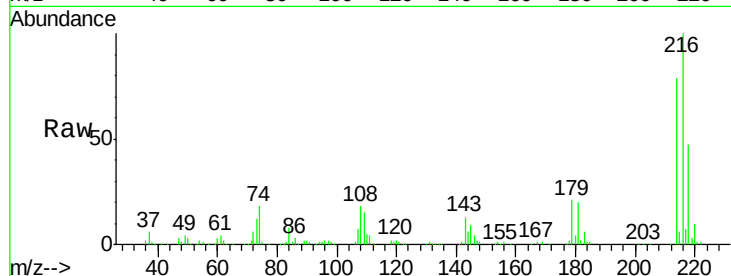
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.007 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

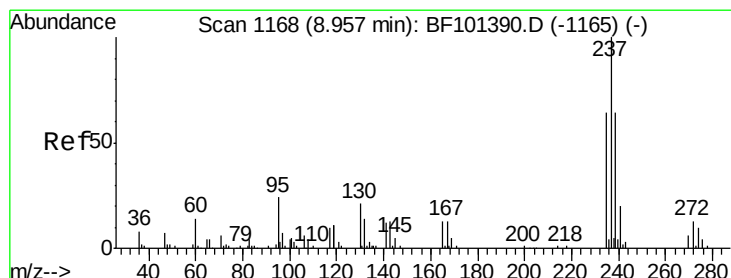
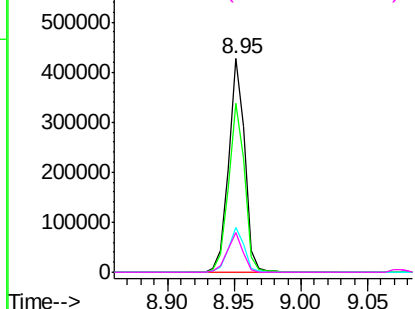
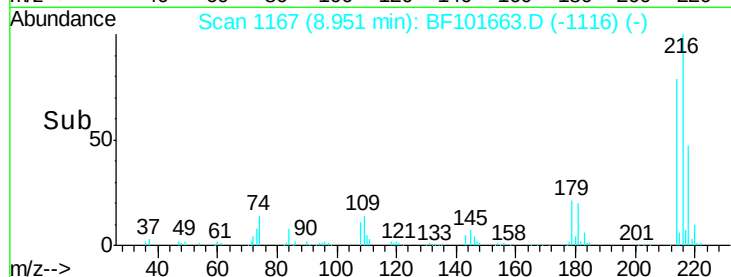
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	364691		
214	79.2	63.0	94.4	
179	20.7	18.1	27.1	
108	17.9	17.2	25.8	

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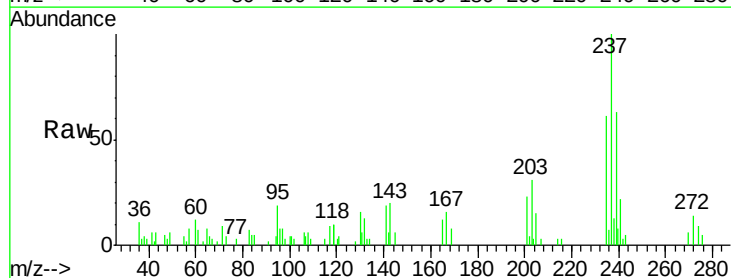


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

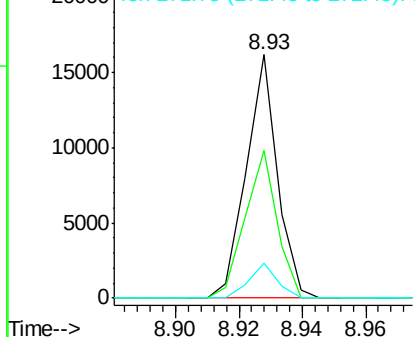
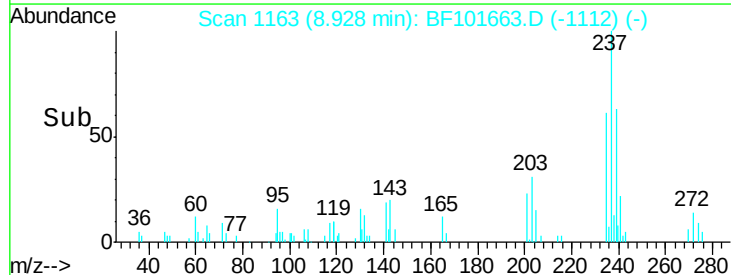


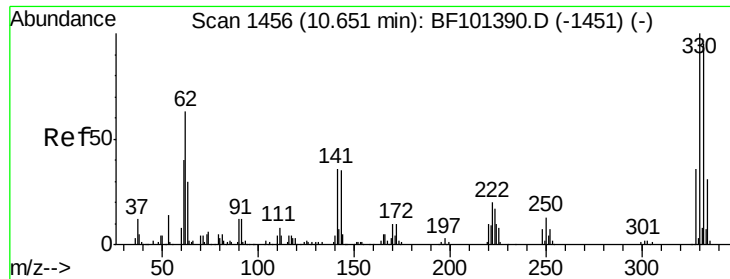
#40
 Hexachlorocyclopentadiene
 Concen: 19.156 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	11011		
235	60.6	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: 119.886 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

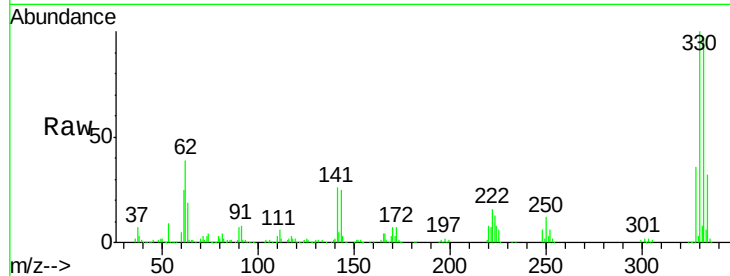
ClientSampleId :

EPE-106-3DS(16-20)MSD

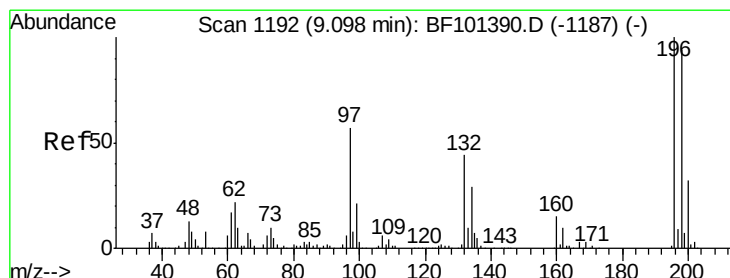
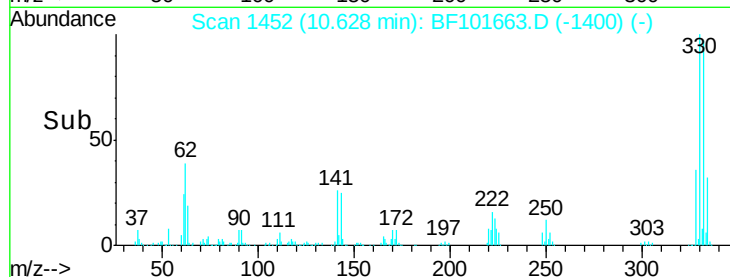
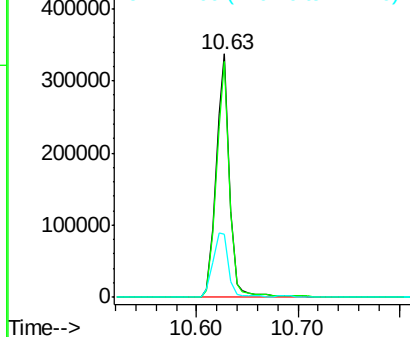
Tgt Ion:	330	Resp:	311897
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.6
141	30.8	29.9	44.9

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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: 43.996 ng

RT: 9.07 min Scan# 1188

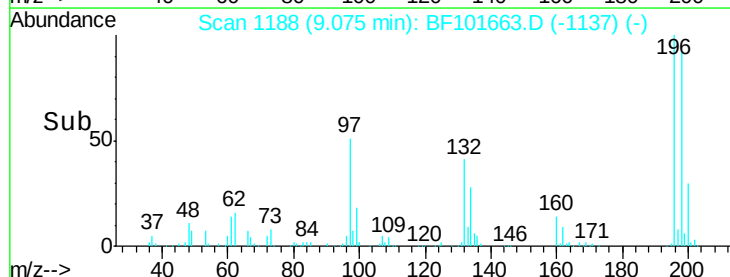
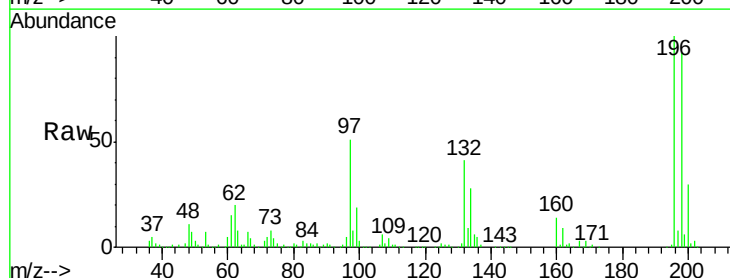
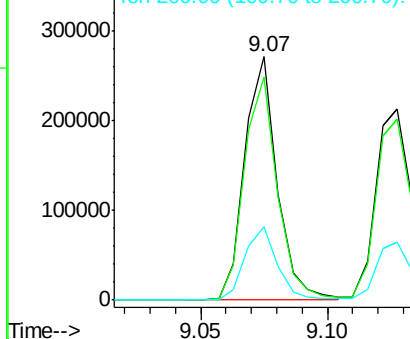
Delta R.T. 0.00 min

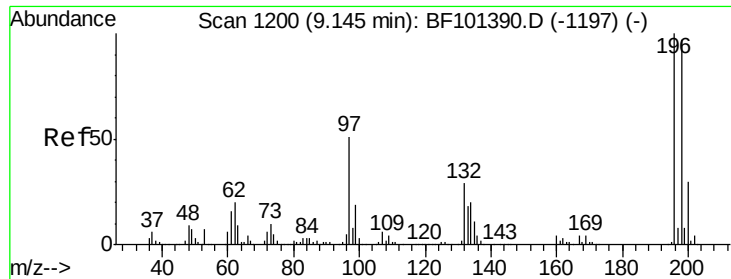
Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Tgt Ion:	196	Resp:	241448
Ion Ratio	Lower	Upper	
196	100		
198	91.9	75.7	113.5
200	30.4	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





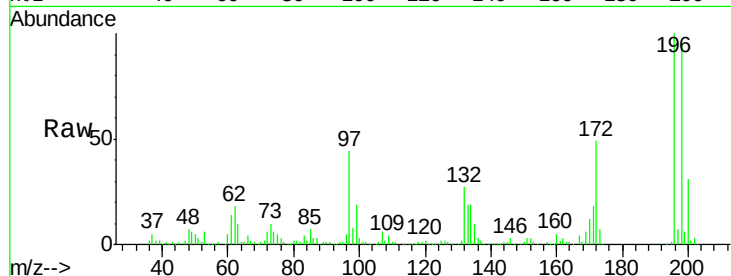
#43
 2,4,5-Trichlorophenol
 Concen: 40.654 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

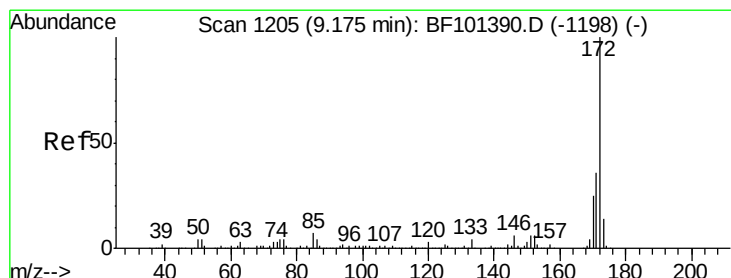
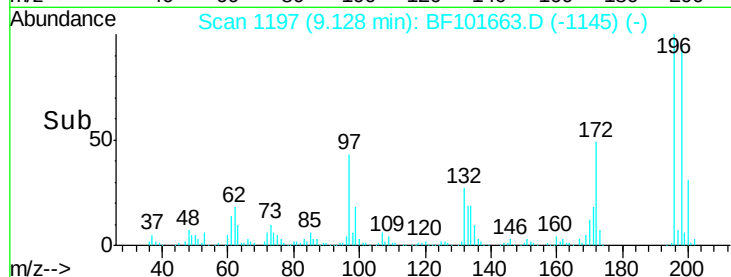
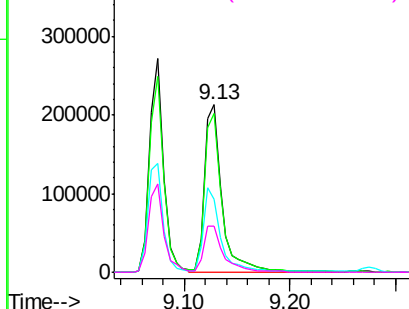
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		244288		
198	94.7	74.6	112.0		
97	43.7	42.9	64.3		
132	27.4	26.3	39.5		

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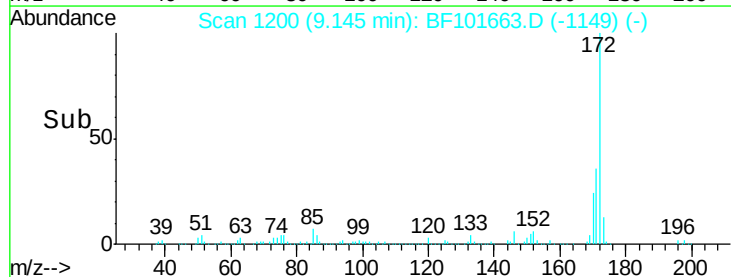
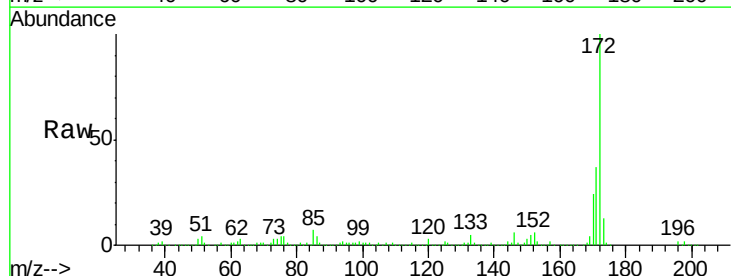
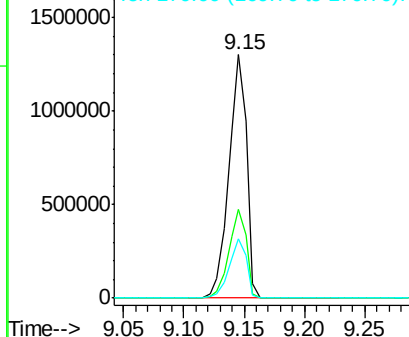
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

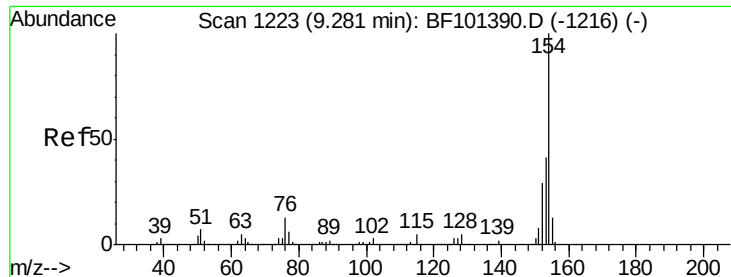


#44
 2-Fluorobiphenyl
 Concen: 75.886 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1320792		
171	36.6	29.7	44.5		
170	24.4	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





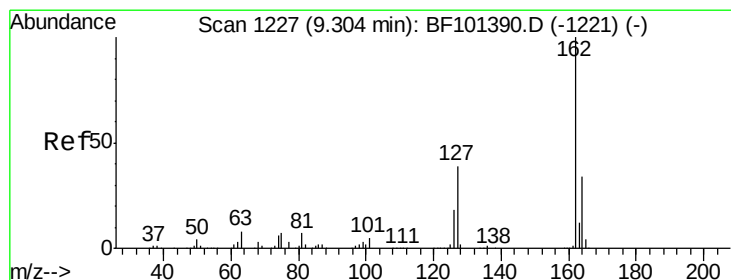
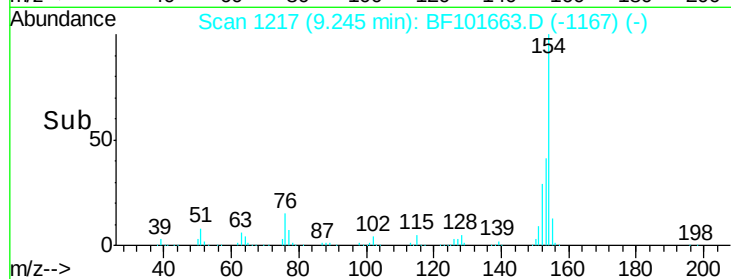
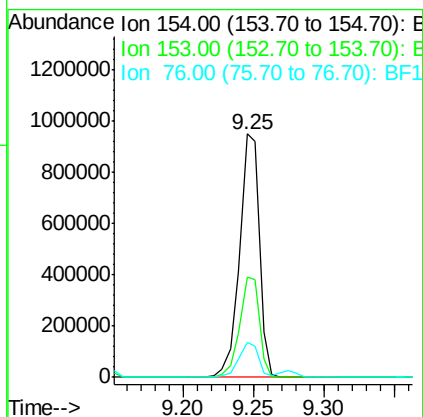
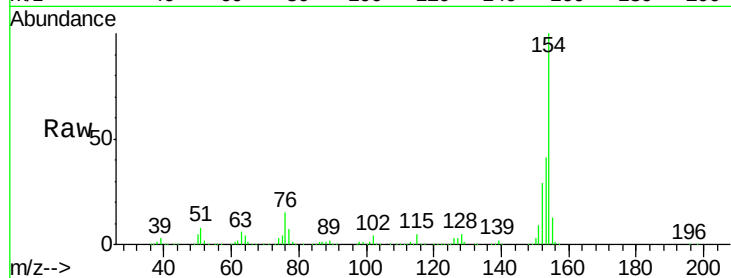
#45
 1,1'-Biphenyl
 Concen: 38.713 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.6	0.0	34.0

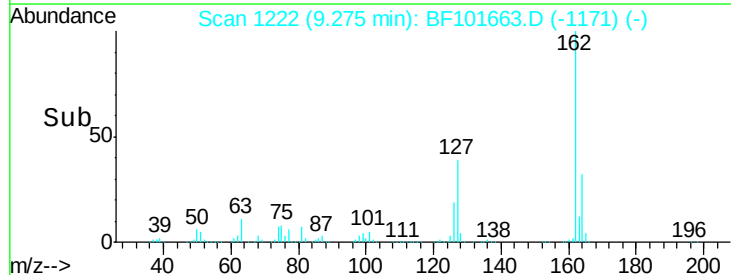
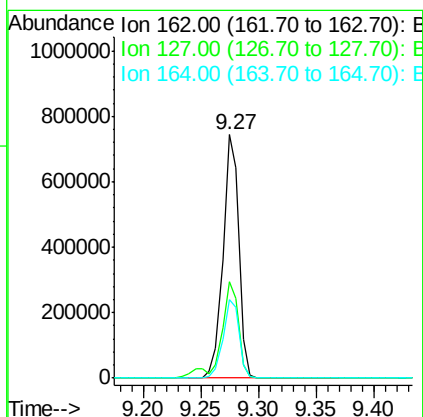
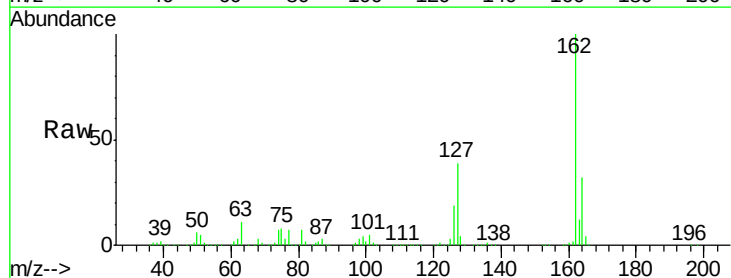
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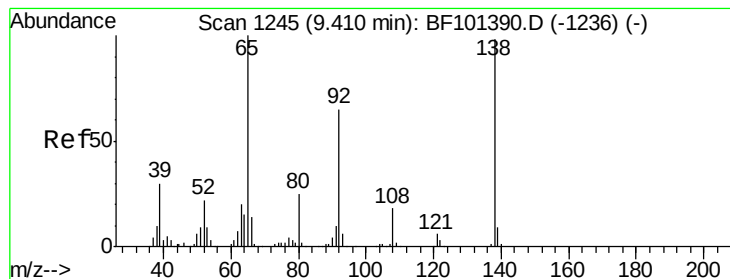
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#46
 2-Chloronaphthalene
 Concen: 38.539 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	32.4	26.5	39.7





#47

2-Nitroaniline

Concen: 42.574 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion: 65 Resp: 269457
Ion Ratio Lower Upper

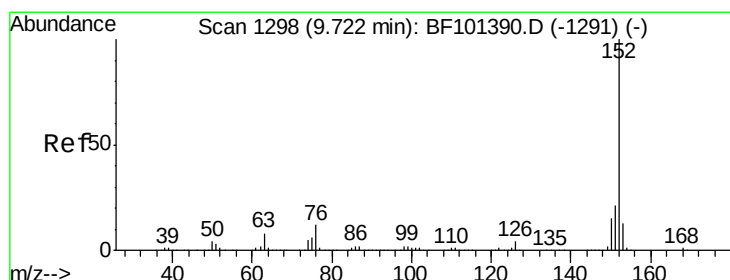
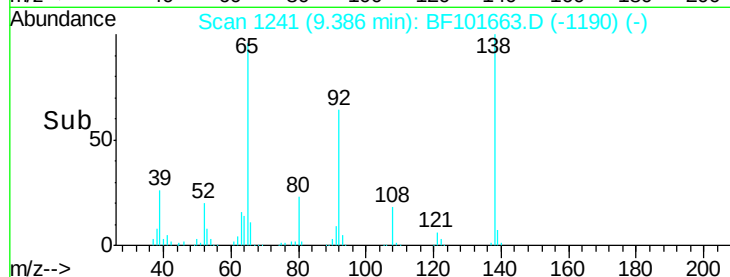
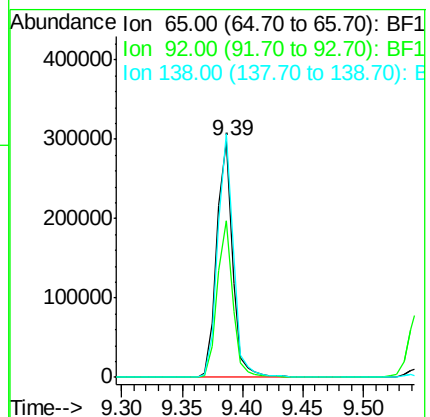
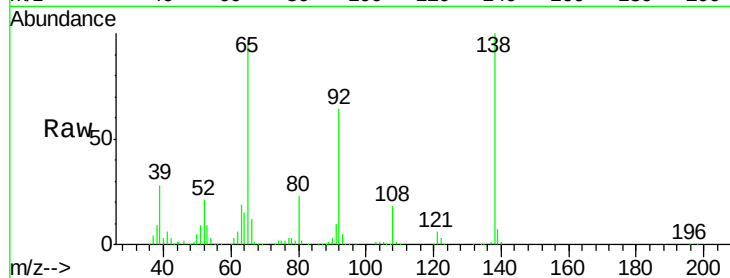
65 100

92 66.2 55.8 83.6

138 103.1 91.2 136.8

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#48

Acenaphthylene

Concen: 35.050 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF101663.D

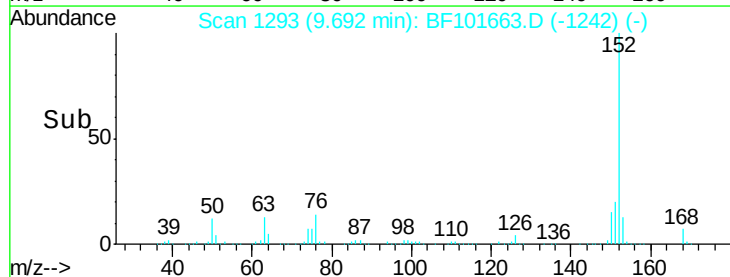
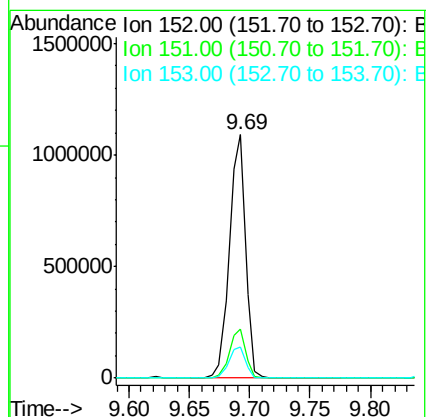
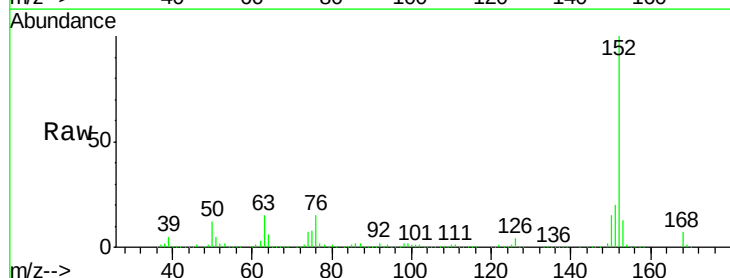
Acq: 22 Dec 2017 19:42

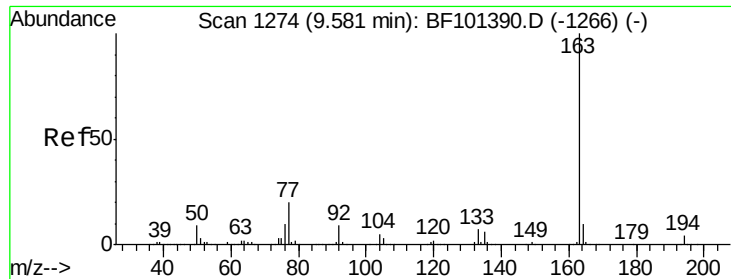
Tgt Ion: 152 Resp: 1014276
Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 12.8 10.7 16.1





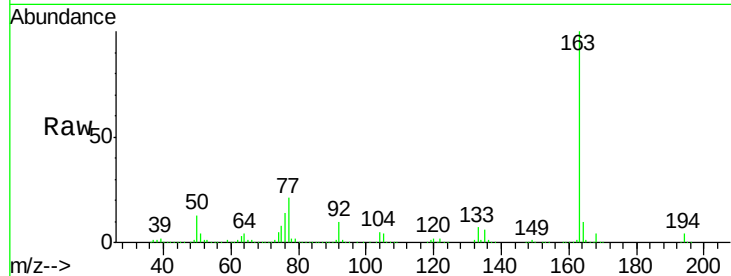
#49
Dimethylphthalate
Concen: 42.683 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

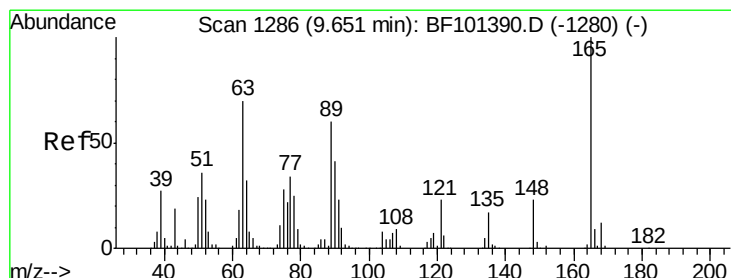
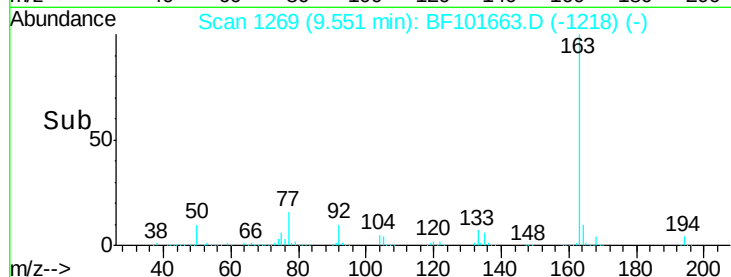
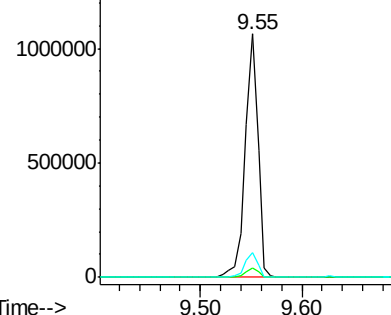
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2

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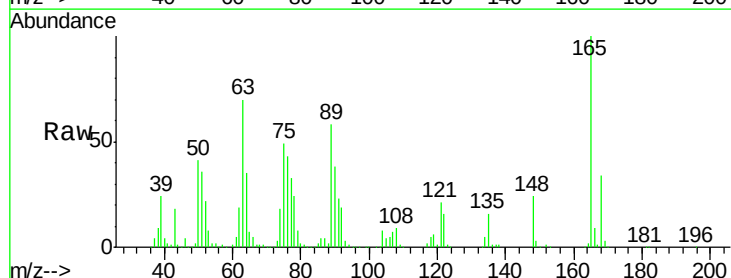


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

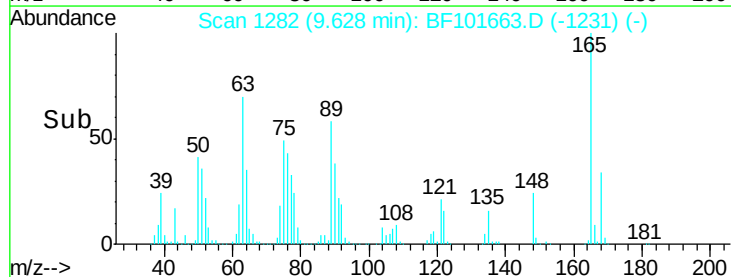
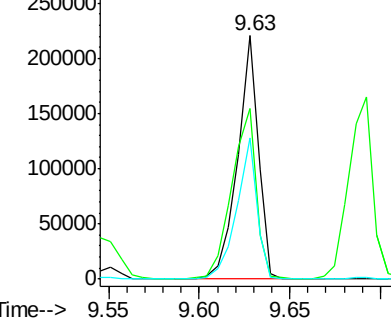


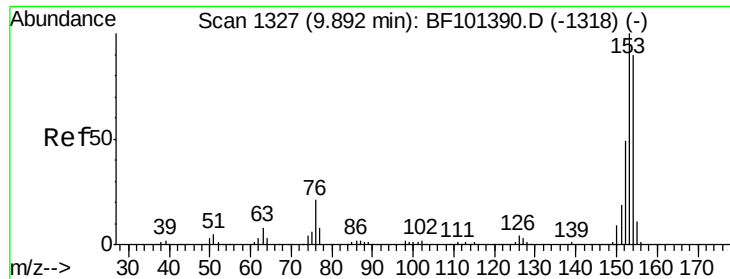
#50
2,6-Dinitrotoluene
Concen: 39.979 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.2	44.7	67.1#
89	58.1	44.0	66.0



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





#51

Acenaphthene

Concen: 35.821 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

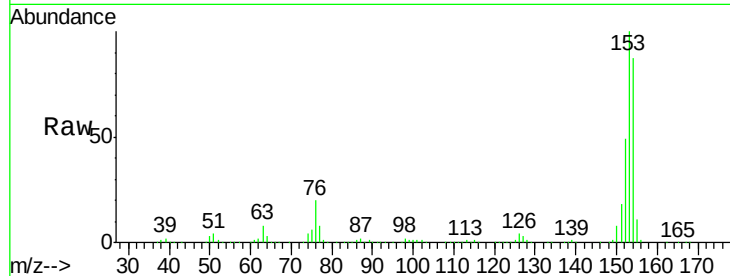
ClientSampleId :

EPE-106-3DS(16-20)MSD

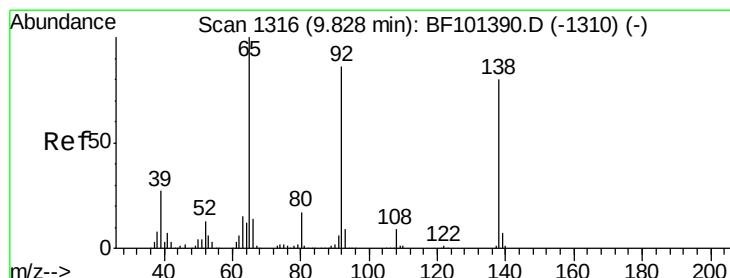
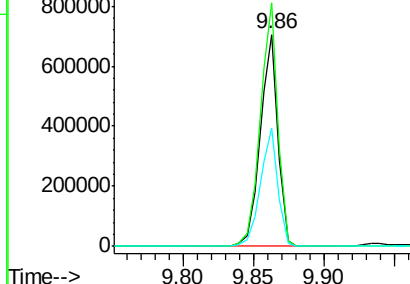
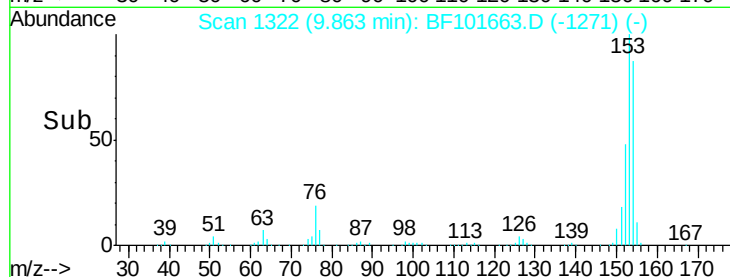
Tgt Ion:	154	Resp:	622775
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	55.7	43.8	65.8

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



#52

3-Nitroaniline

Concen: 24.000 ng

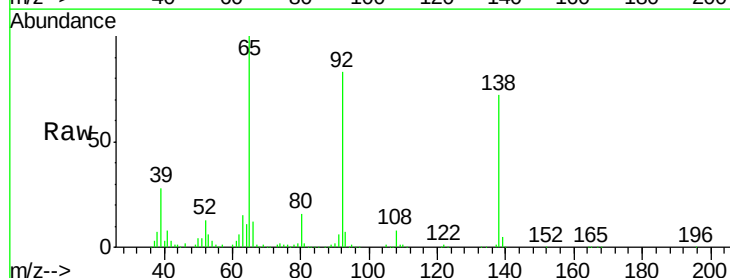
RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

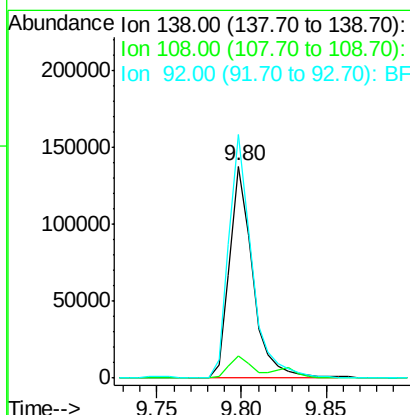
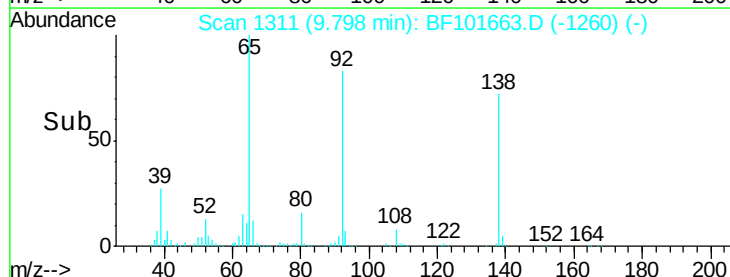
Lab File: BF101663.D

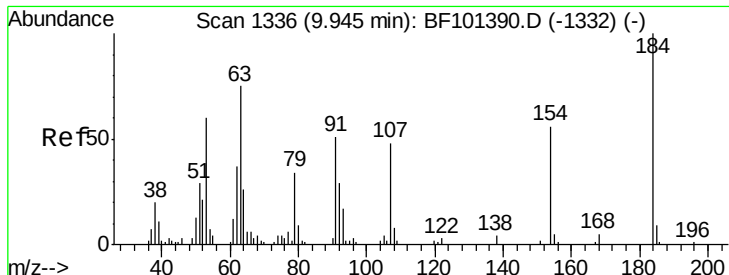
Acq: 22 Dec 2017 19:42

Tgt Ion:	138	Resp:	132072
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	114.8	89.4	134.2



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





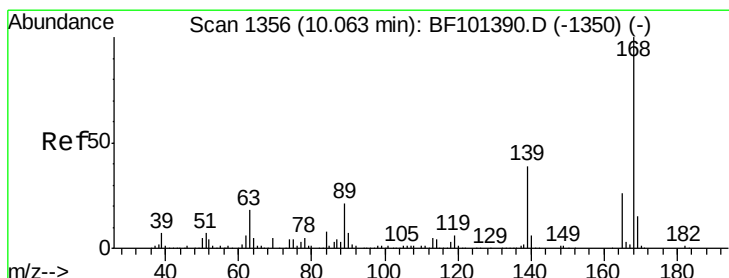
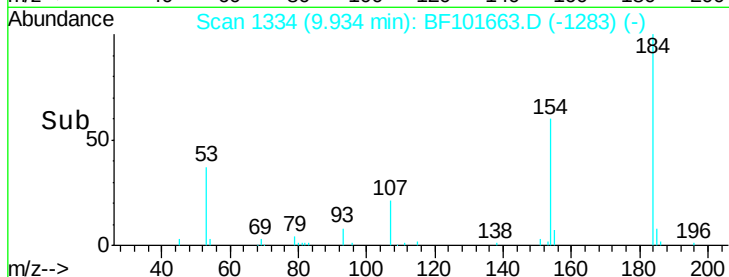
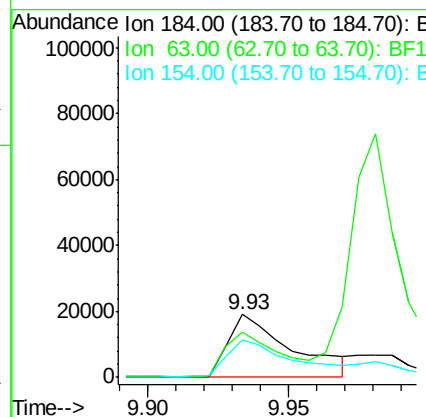
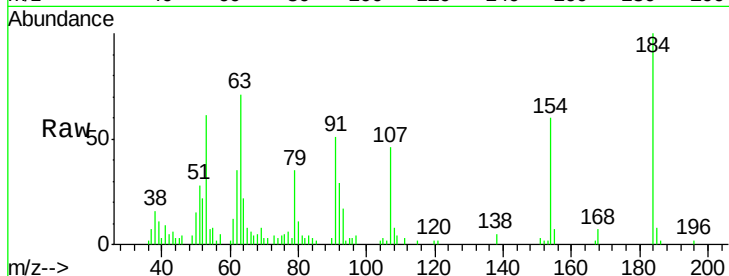
#53
 2,4-Dinitrophenol
 Concen: 26.952 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	29355		
63	70.9	54.2	81.2	
154	59.9	184.0	276.0	

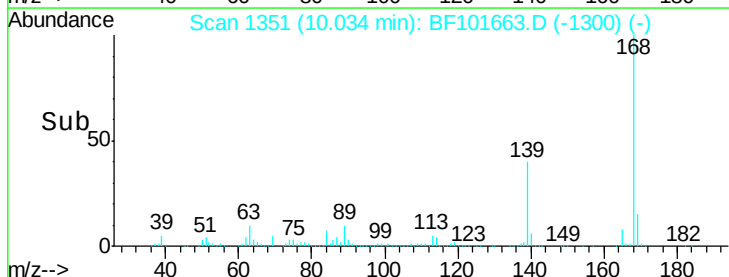
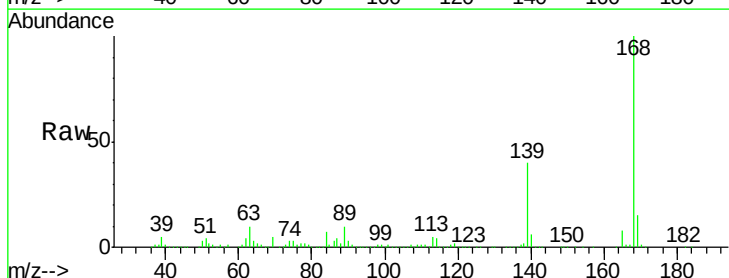
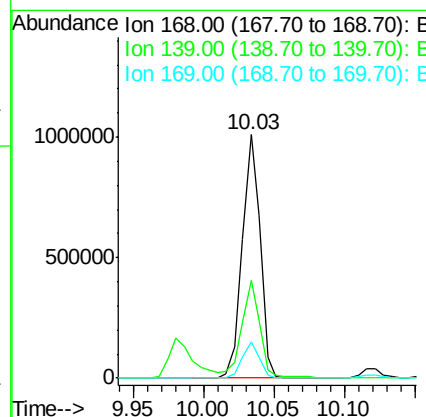
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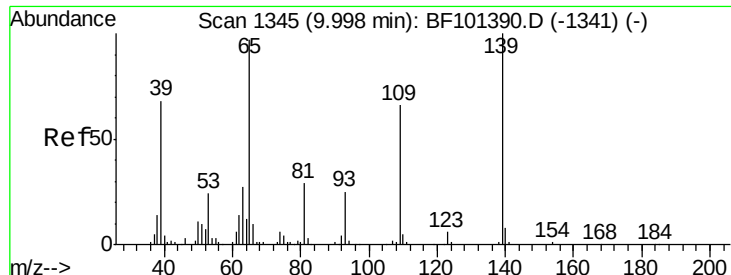
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#54
 Dibenzofuran
 Concen: 40.067 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	885263		
139	39.9	30.1	45.1	
169	14.7	10.9	16.3	





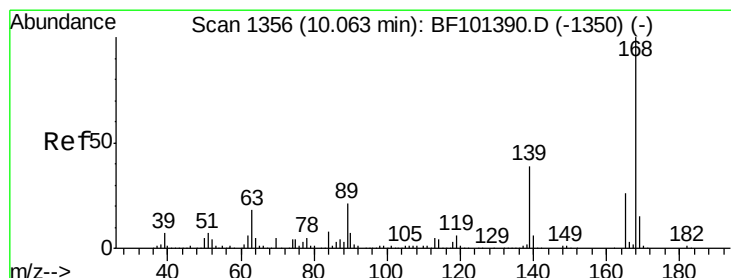
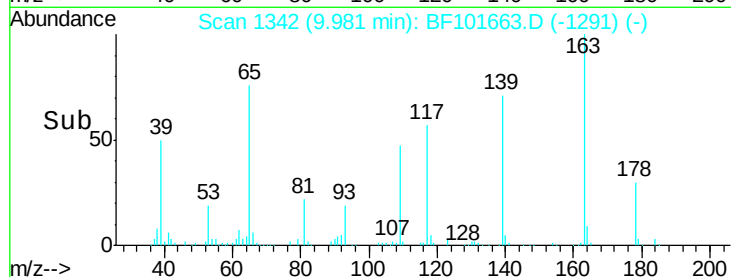
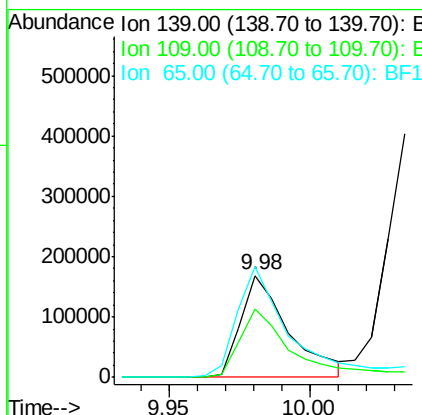
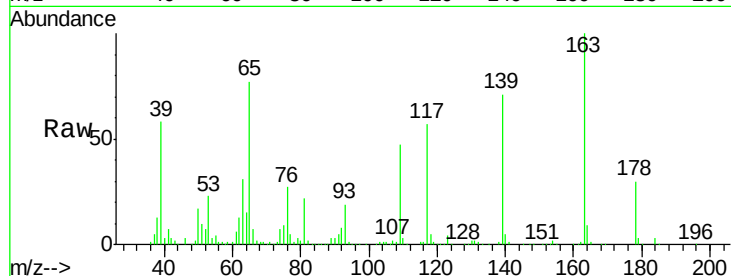
#55
4-Nitrophenol
Concen: 83.060 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	199307		
109	66.5	48.4	88.4	
65	108.4	72.6	112.6	

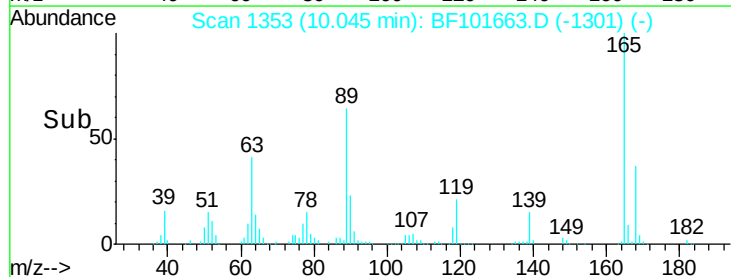
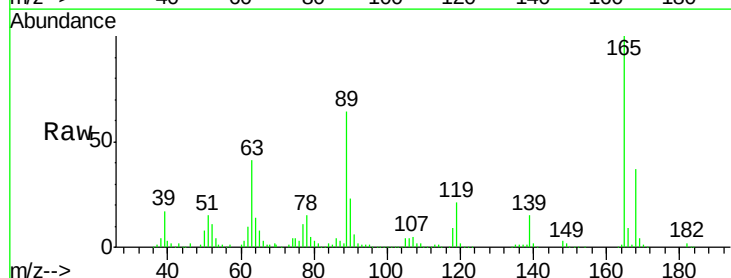
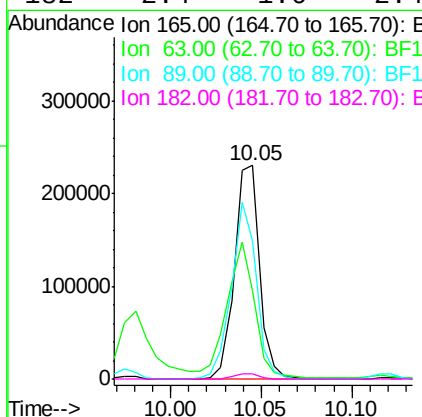
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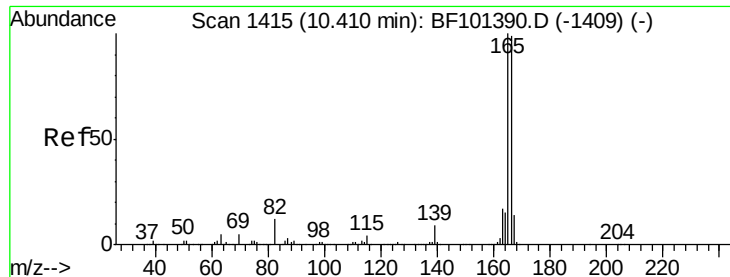
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#56
2,4-Dinitrotoluene
Concen: 44.437 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220984		
63	41.3	36.4	54.6	
89	64.5	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 38.591 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

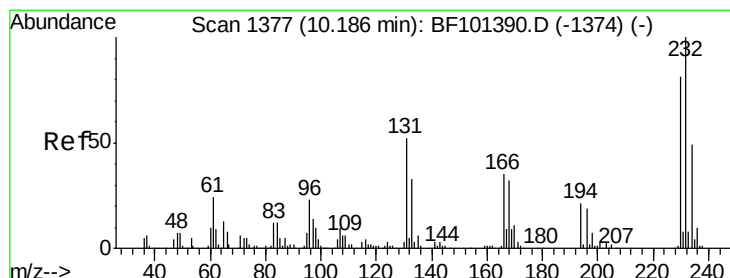
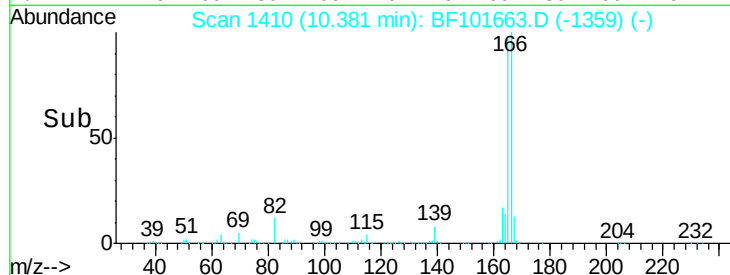
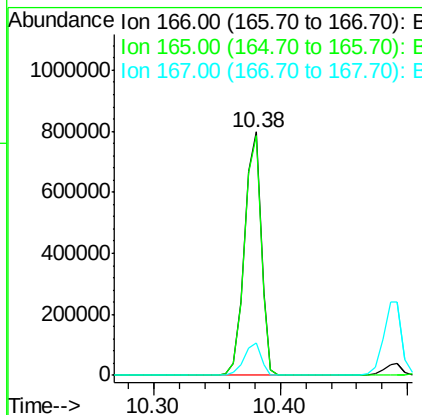
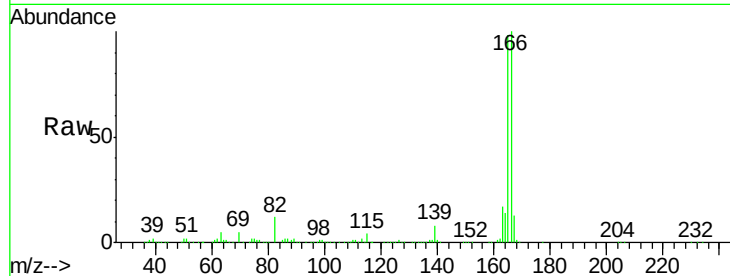
ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion:	166	Resp:	721296
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.869 ng

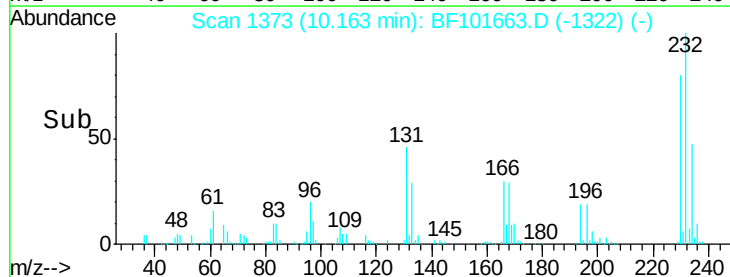
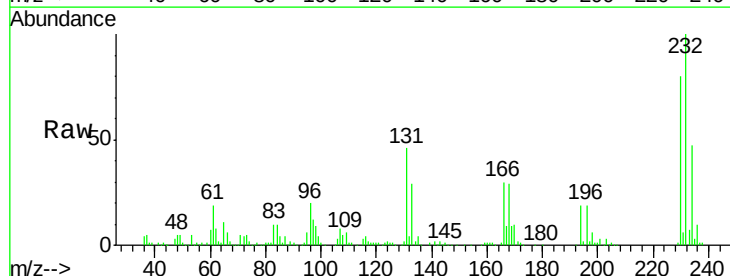
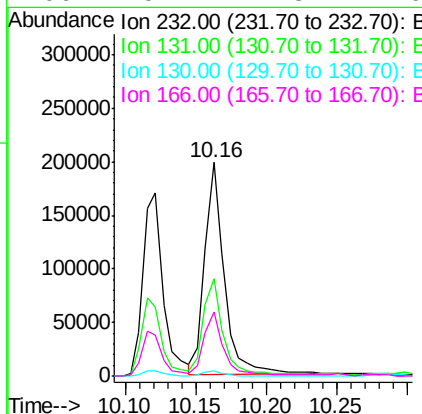
RT: 10.16 min Scan# 1373

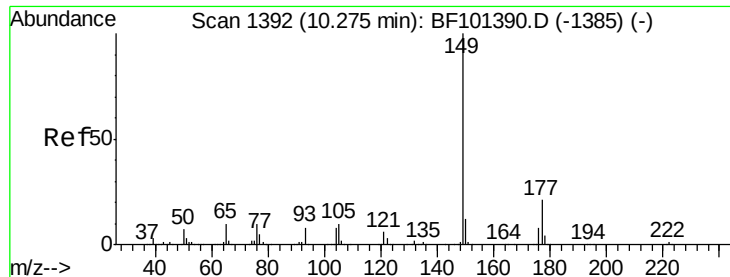
Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Tgt Ion:	232	Resp:	193705
Ion Ratio	Lower	Upper	
232	100		
131	45.5	43.8	65.8
130	2.7	2.1	3.1
166	29.2	27.8	41.6





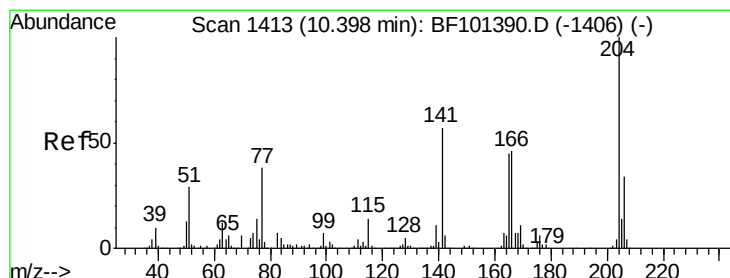
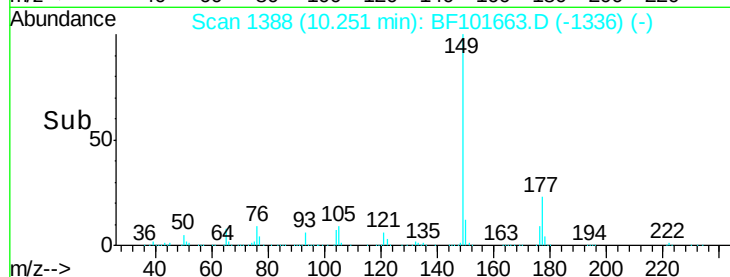
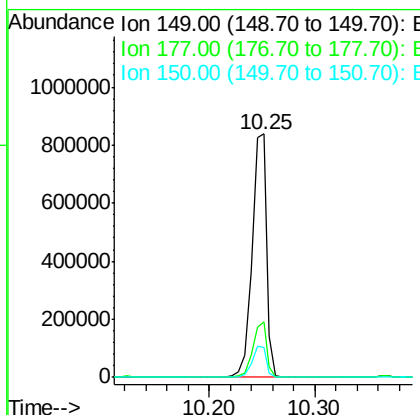
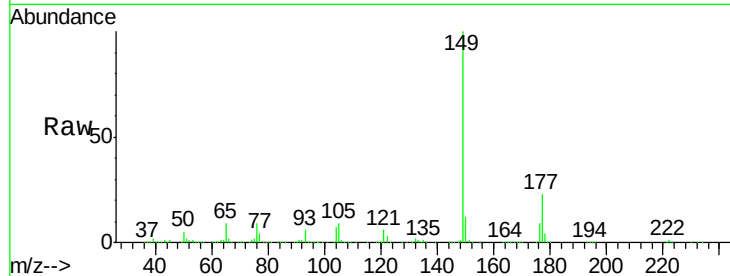
#59
Diethylphthalate
Concen: 37.563 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.2	10.1	15.1

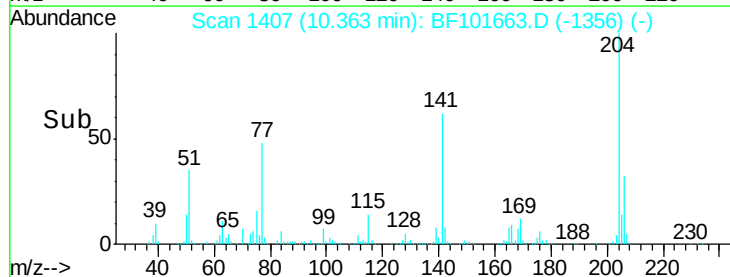
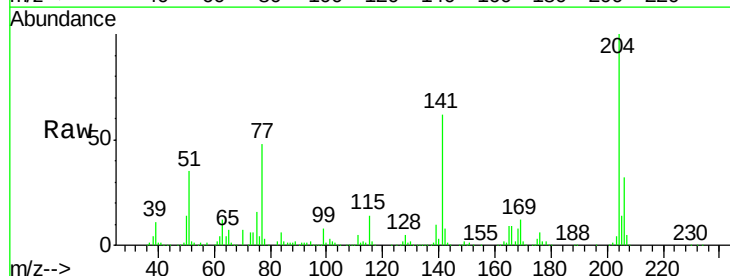
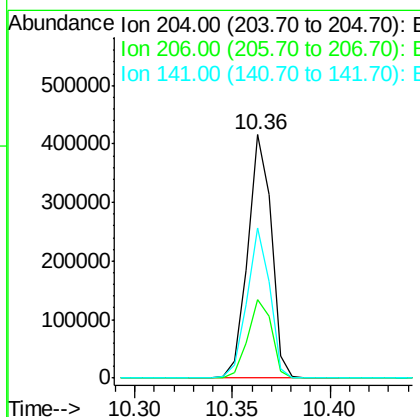
Manual Integrations
APPROVED

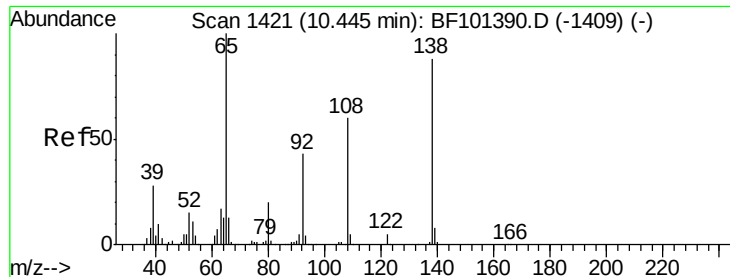
Sohil
12/26/2017 1:37:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.953 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	61.8	54.6	81.8





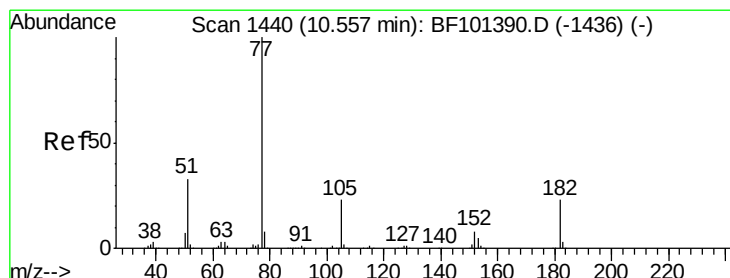
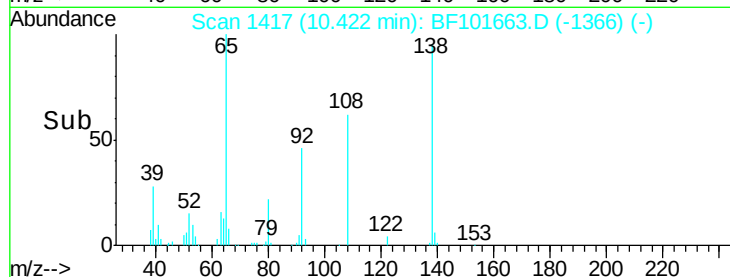
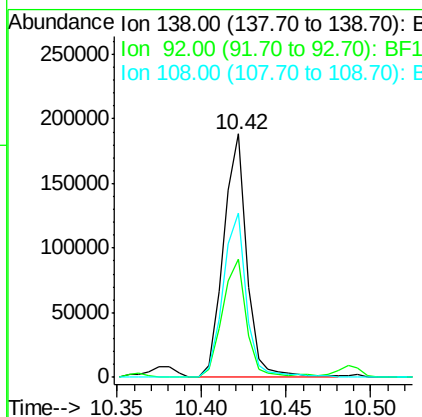
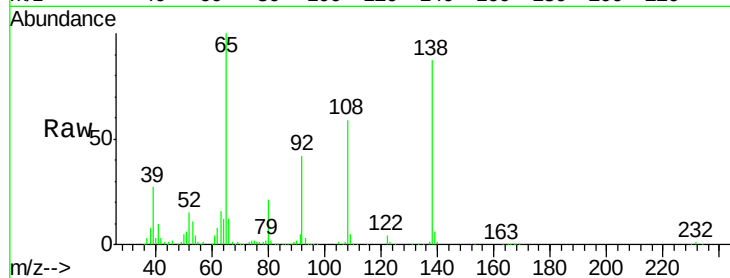
#61
4-Nitroaniline
Concen: 32.510 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.2	70.2
108	67.6	52.5	92.5

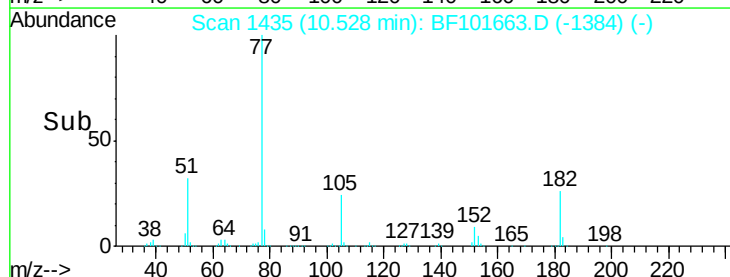
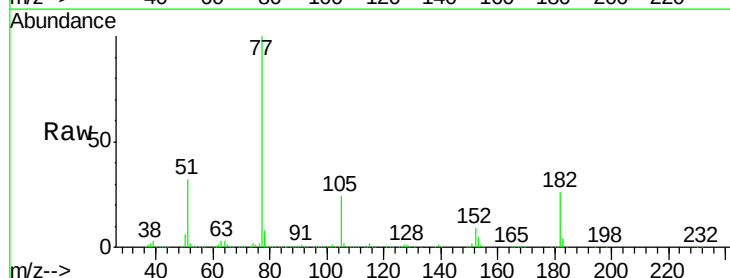
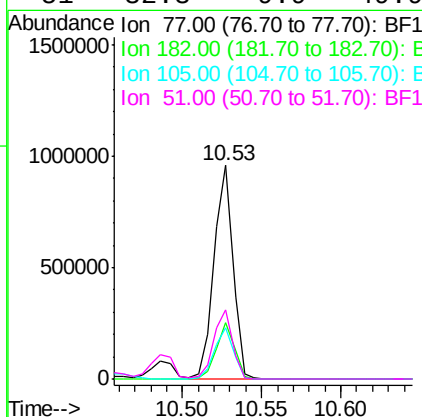
Manual Integrations
APPROVED

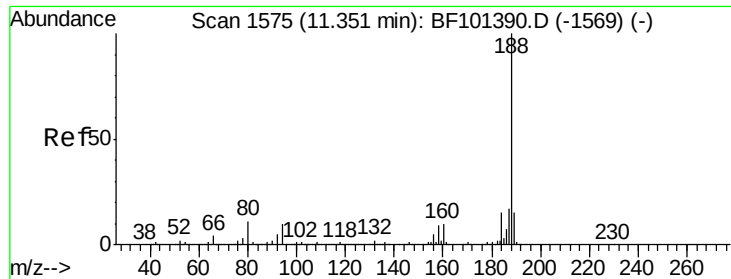
Sohil
12/26/2017 1:37:24 PM



#62
Azobenzene
Concen: 35.948 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	24.2	3.0	43.0
51	32.3	9.9	49.9





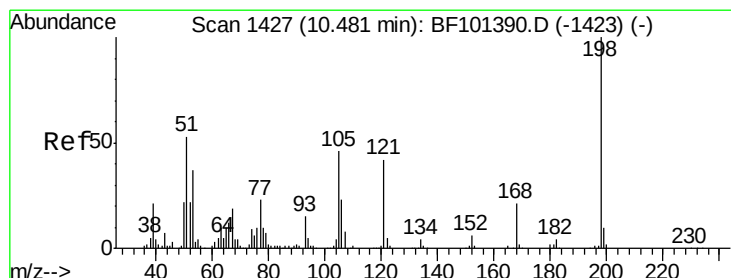
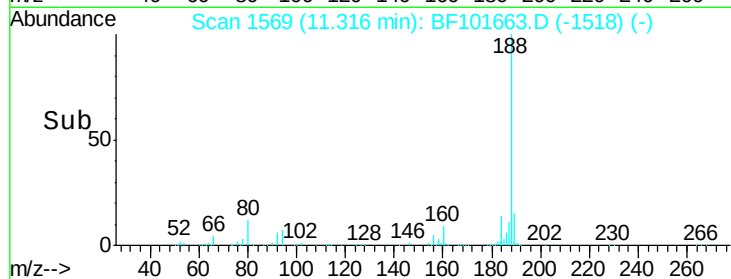
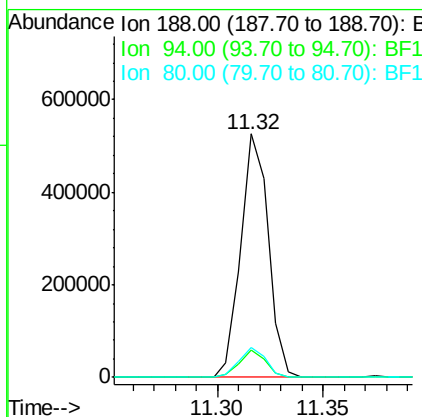
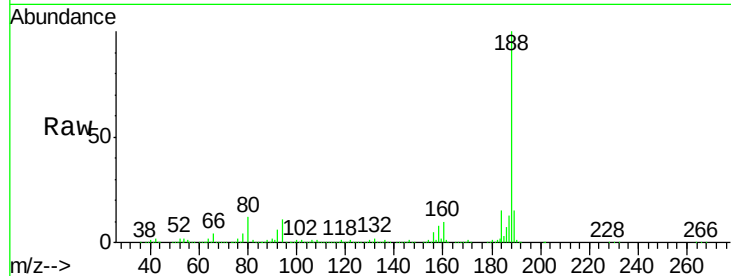
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	476915		
94	11.3	8.5	12.7	
80	12.4	9.2	13.8	

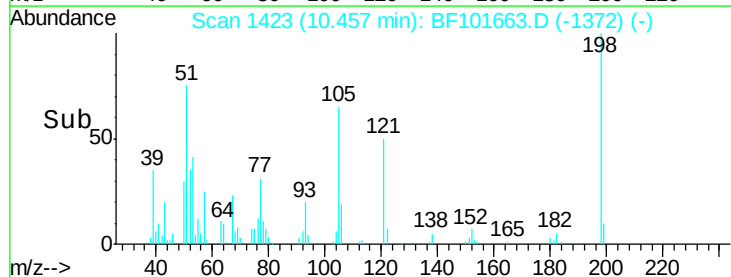
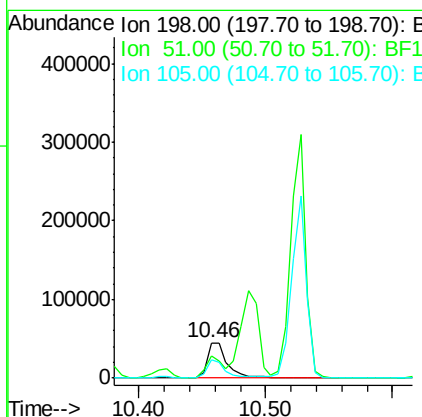
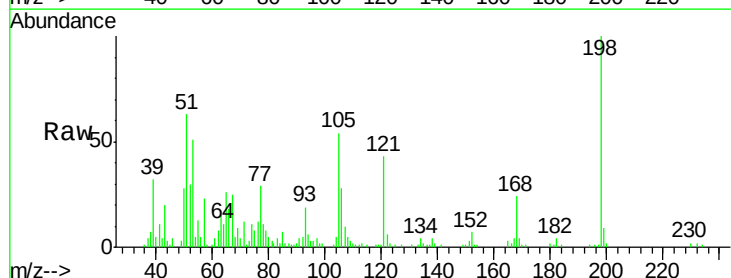
Manual Integrations
APPROVED

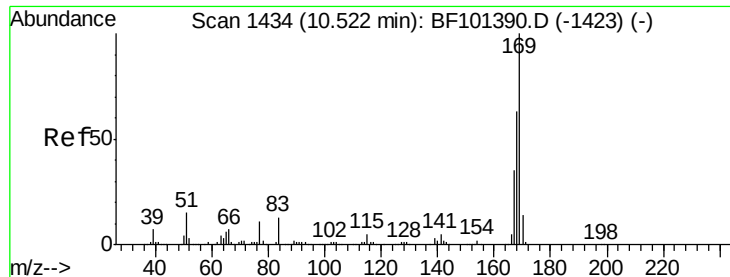
Sohil
12/26/2017 1:37:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 21.023 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51164		
51	63.3	37.7	77.7	
105	53.5	36.3	76.3	





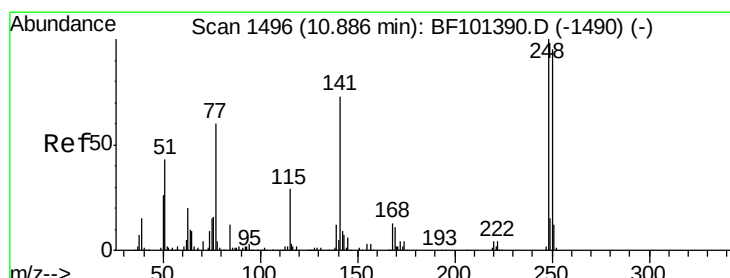
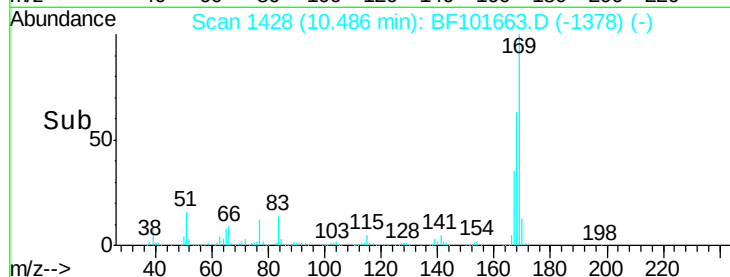
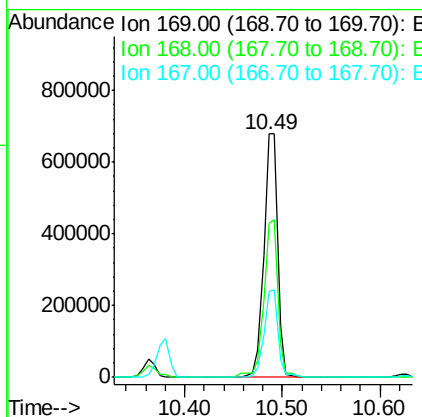
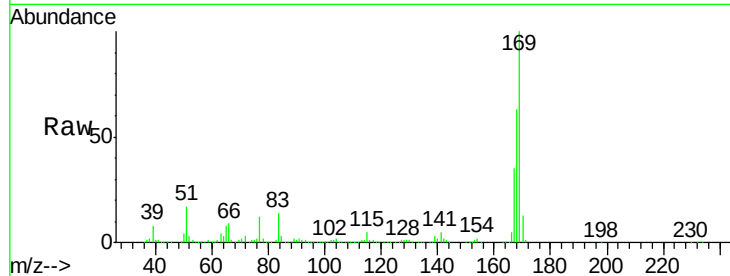
#65
 n-Nitrosodiphenylamine
 Concen: 39.068 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	687989		
168	63.0		54.4	81.6
167	35.2		29.8	44.6

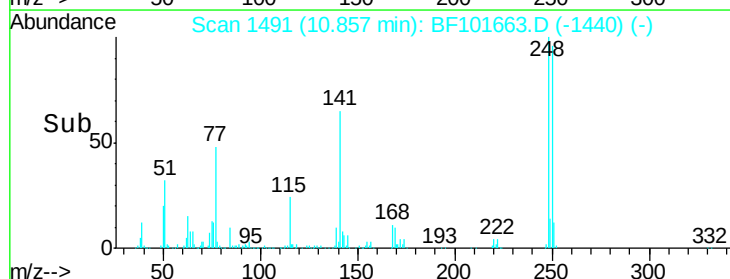
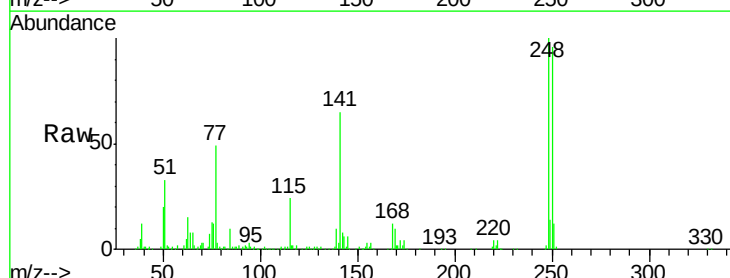
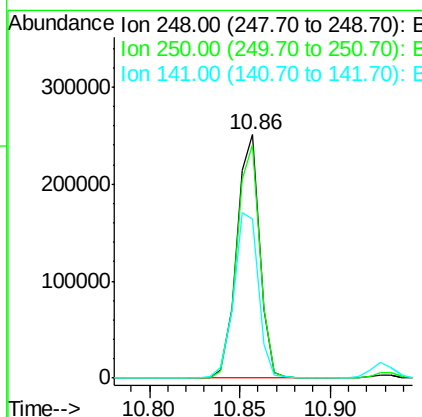
Manual Integrations
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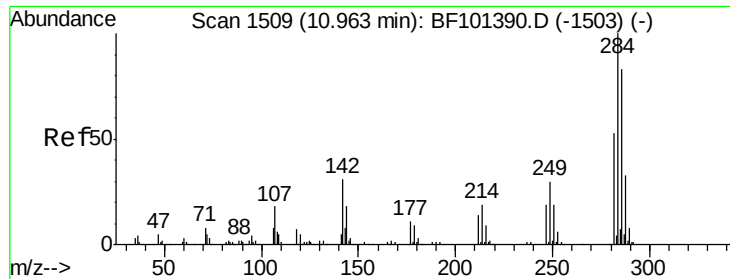
Sohil
 12/26/2017 1:37:24 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.183 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	220690		
250	96.0		76.9	115.3
141	65.2		74.4	111.6





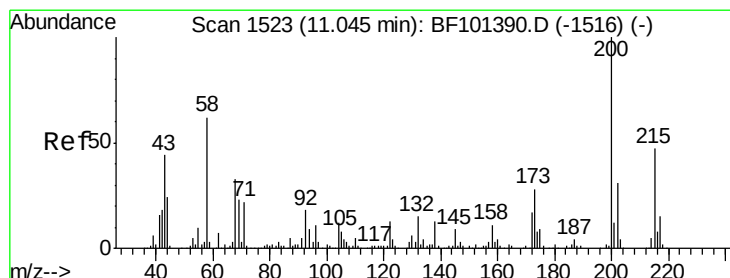
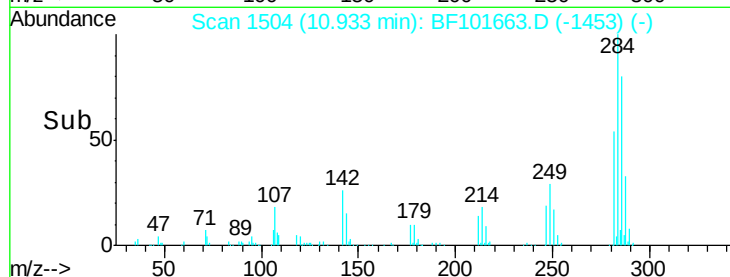
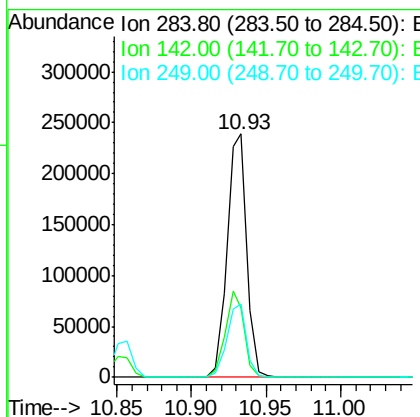
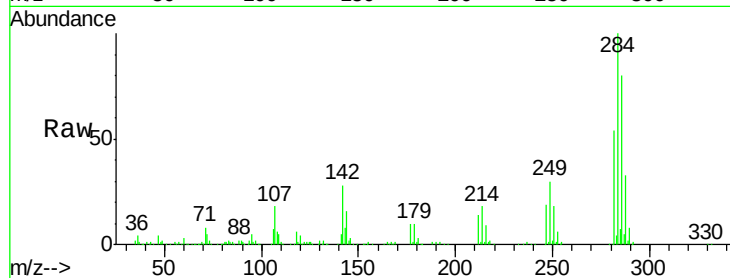
#67
Hexachlorobenzene
Concen: 39.444 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	223708		
142	28.4	34.6	52.0#	
249	30.0	24.8	37.2	

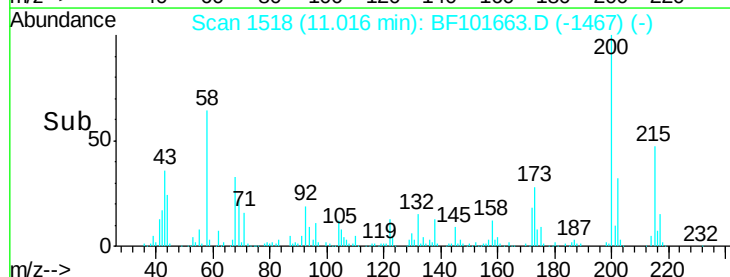
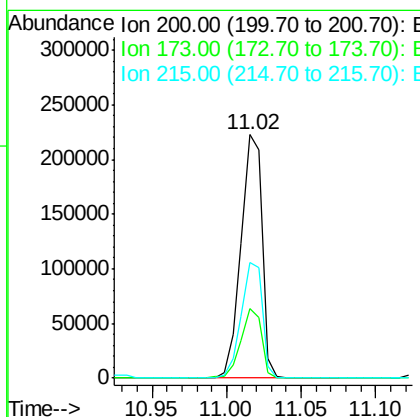
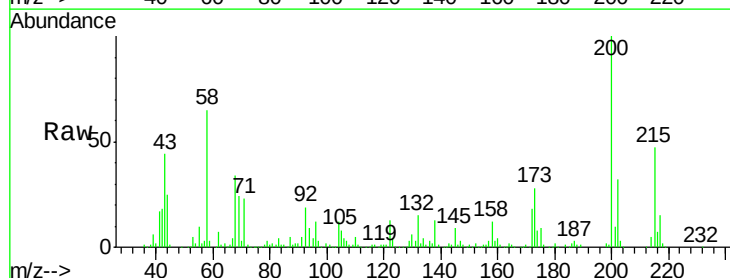
Manual Integrations
APPROVED

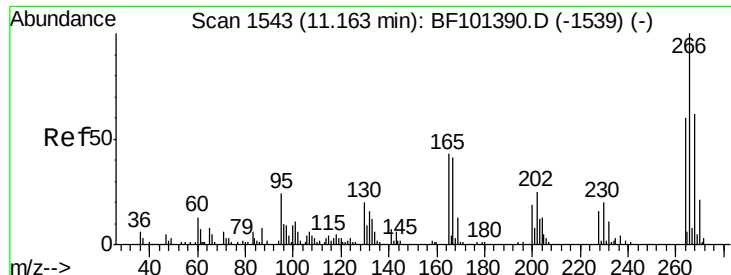
Sohil
12/26/2017 1:37:24 PM



#68
Atrazine
Concen: 41.967 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	220360		
173	28.5	8.6	48.6	
215	47.4	25.1	65.1	





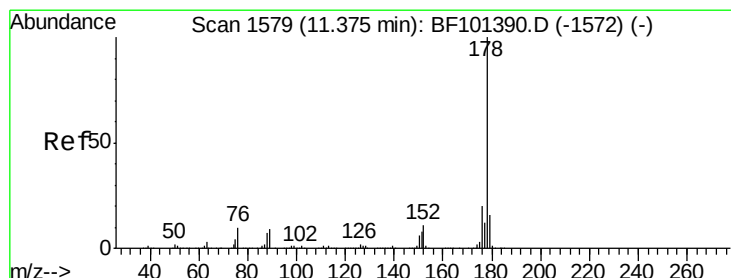
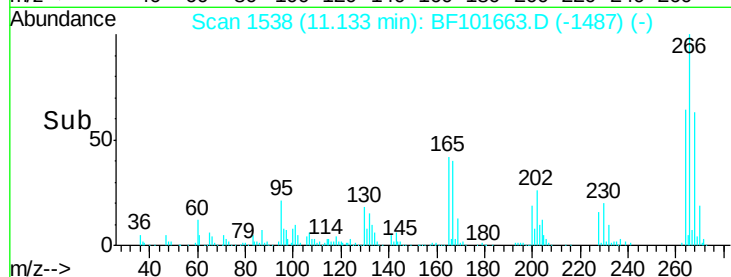
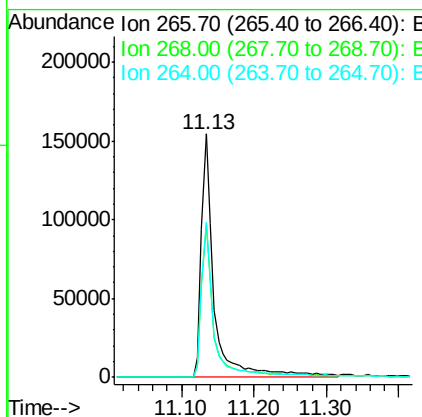
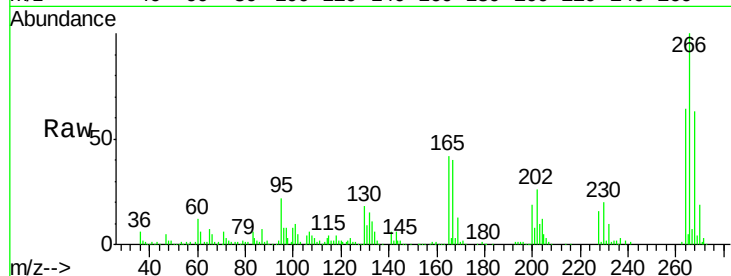
#69
 Pentachlorophenol
 Concen: 86.953 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.9	49.5	74.3

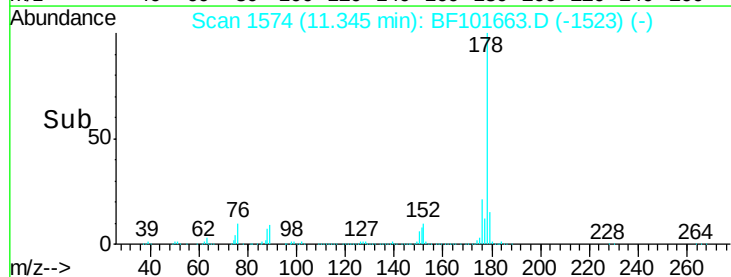
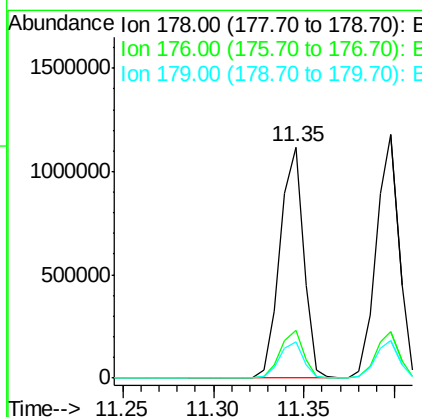
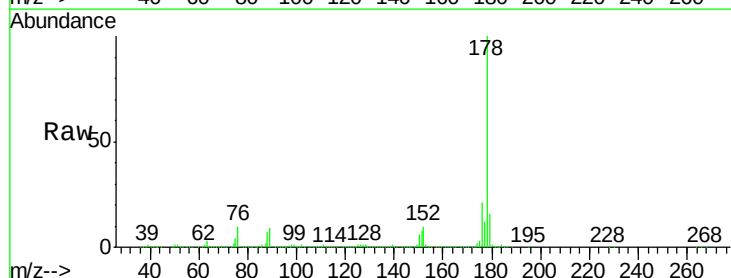
Manual Integrations
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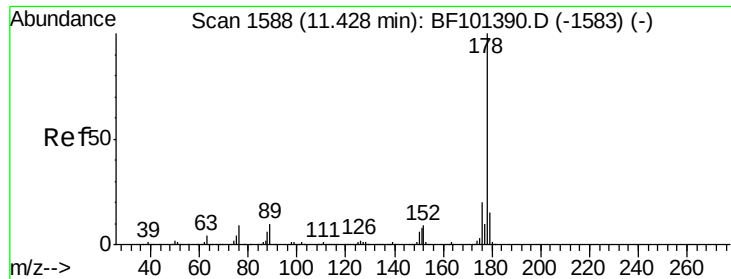
Sohil
 12/26/2017 1:37:24 PM



#70
 Phenanthrene
 Concen: 38.218 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.7	13.0	19.6





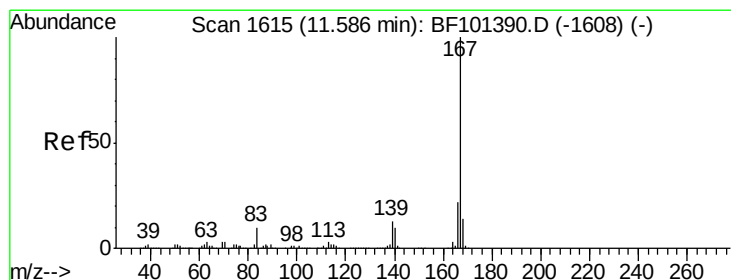
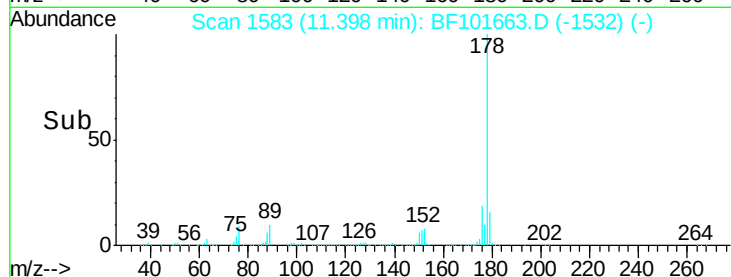
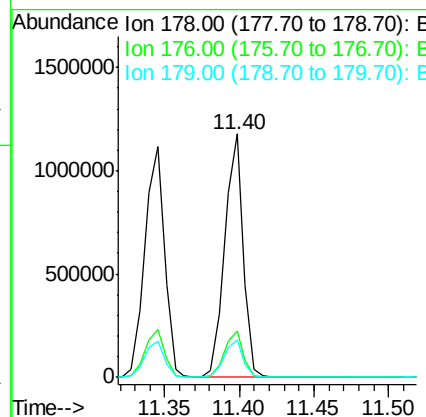
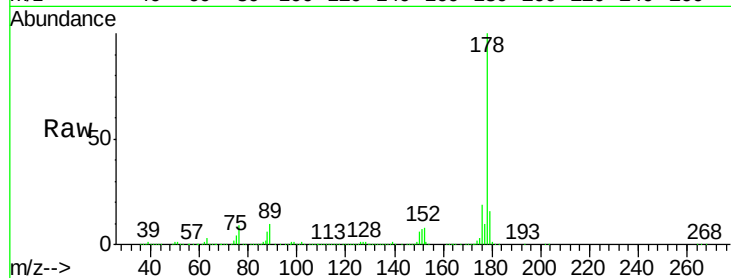
#71
 Anthracene
 Concen: 38.067 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion:178 Resp: 1031281
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0

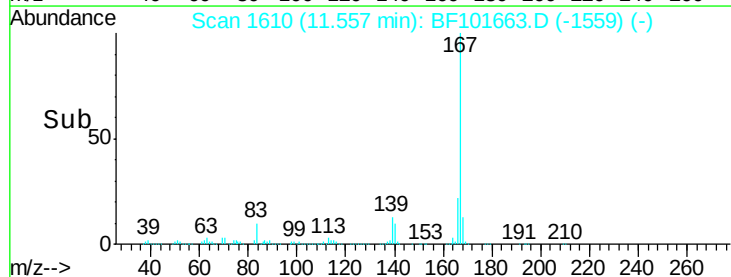
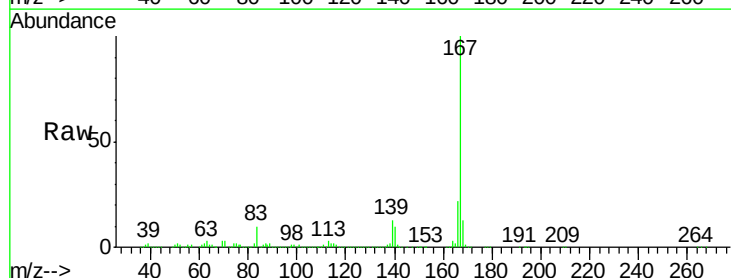
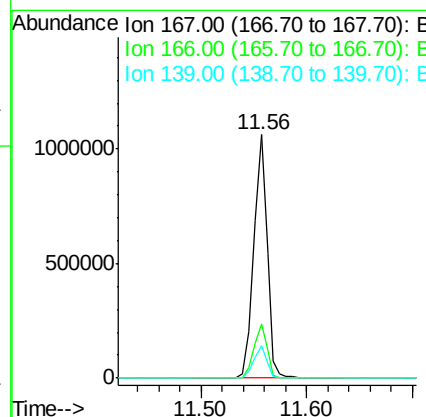
Manual Integrations
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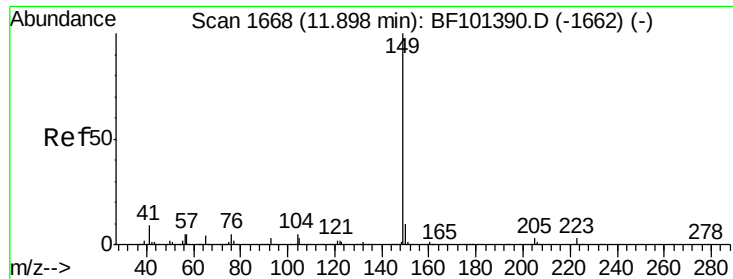
Sohil
 12/26/2017 1:37:24 PM



#72
 Carbazole
 Concen: 36.668 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion:167 Resp: 930061
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.4 10.9 16.3





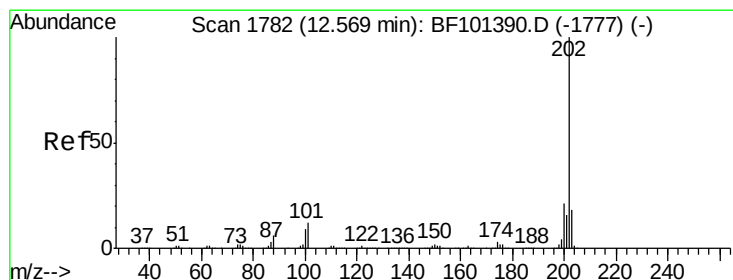
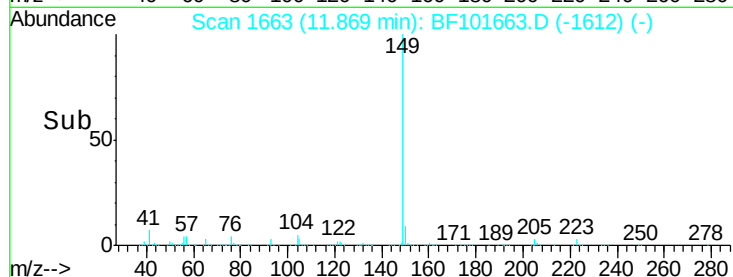
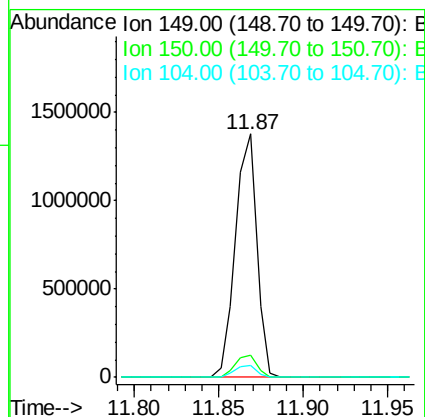
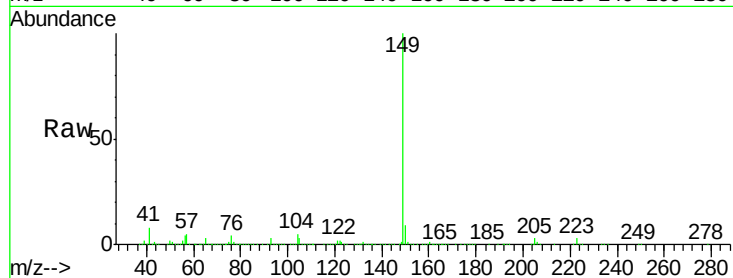
#73
Di-n-butylphthalate
Concen: 39.232 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:149 Resp: 1207792
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.7 3.8 5.8

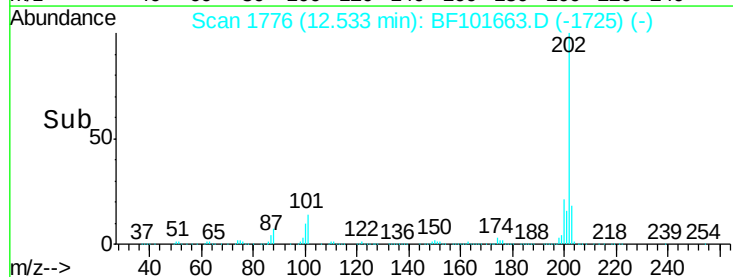
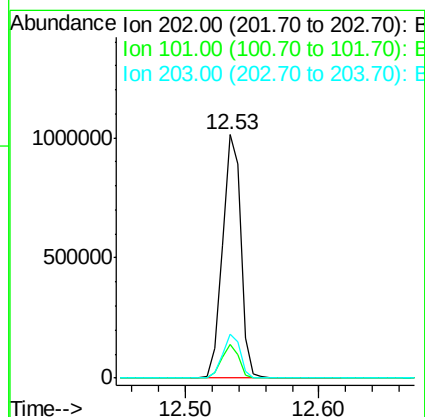
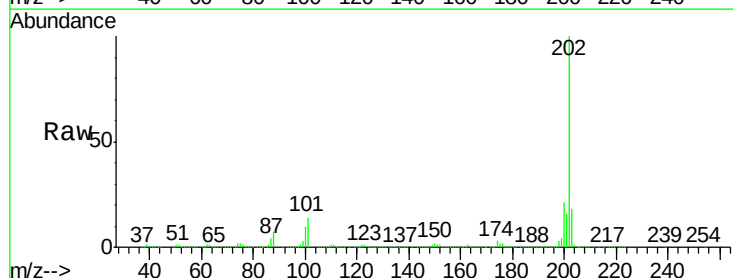
Manual Integrations
APPROVED

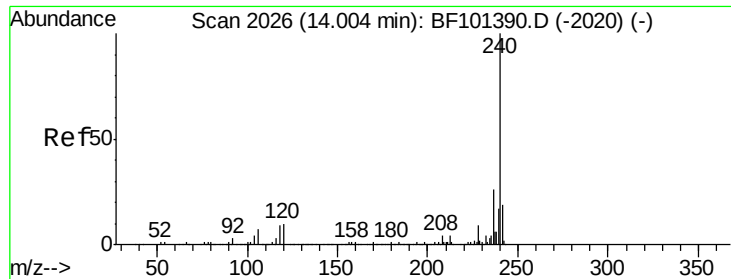
Sohil
12/26/2017 1:37:24 PM



#74
Fluoranthene
Concen: 35.411 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:202 Resp: 985802
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

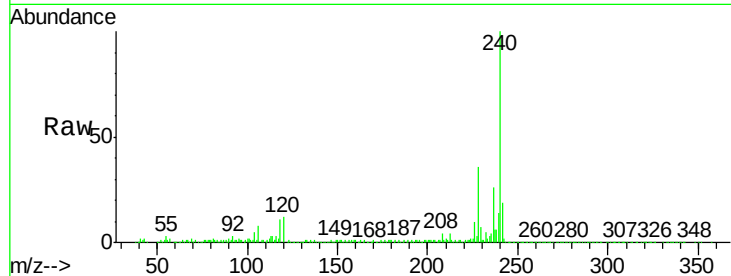
ClientSampleId :

EPE-106-3DS(16-20)MSD

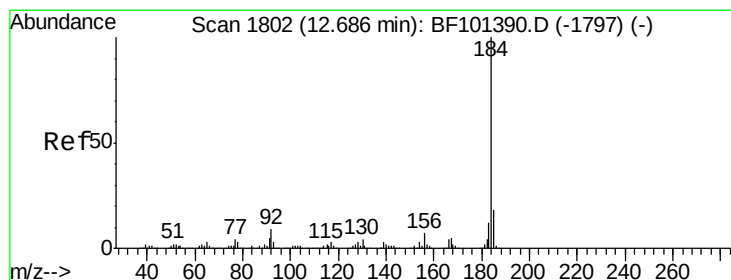
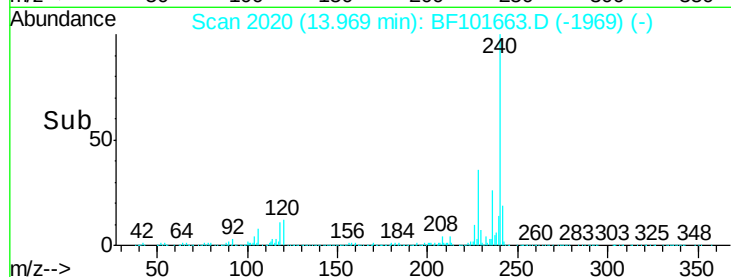
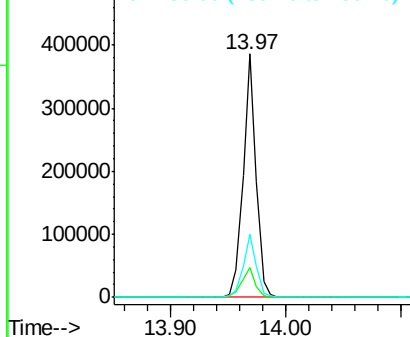
Tgt Ion:	240	Resp:	298465
Ion Ratio		Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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12/26/2017 1:37:24 PM



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



#76

Benzidine

Concen: 32.424 ng

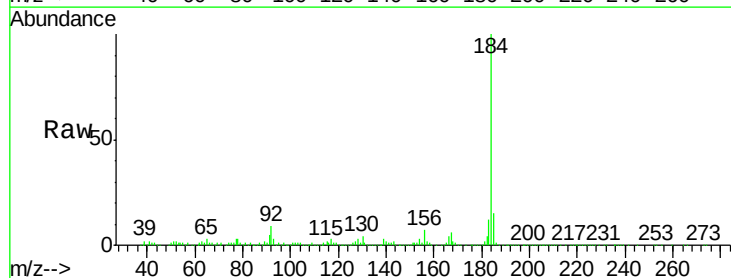
RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

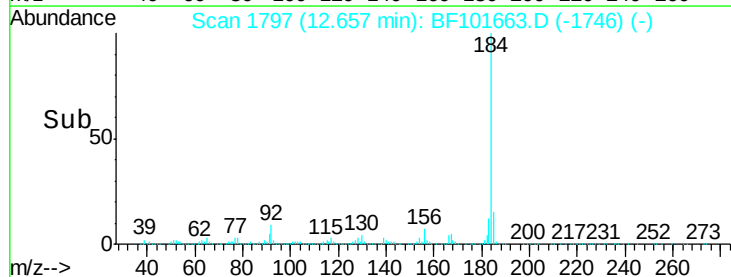
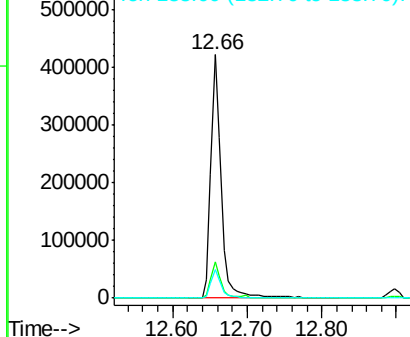
Lab File: BF101663.D

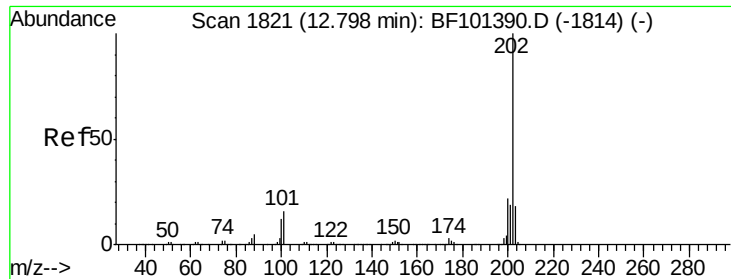
Acq: 22 Dec 2017 19:42

Tgt Ion:	184	Resp:	408723
Ion Ratio		Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.7	9.3	13.9



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





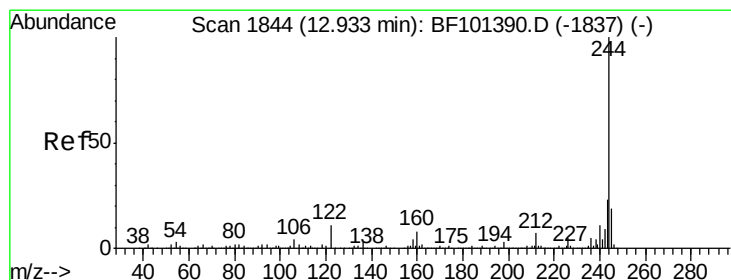
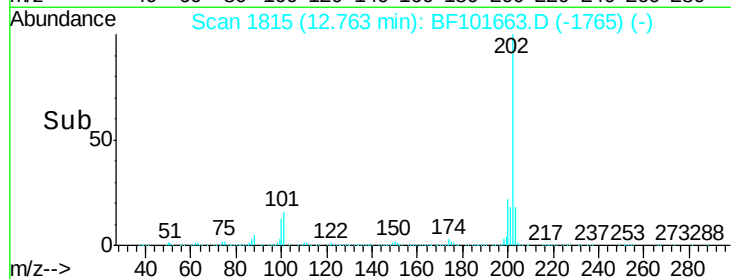
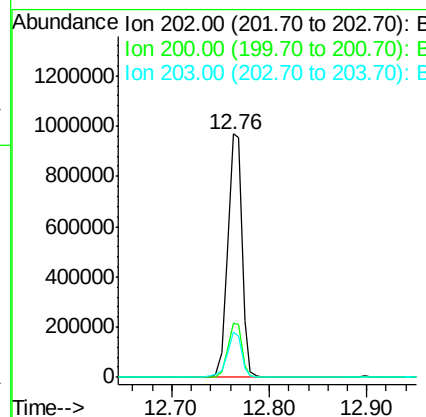
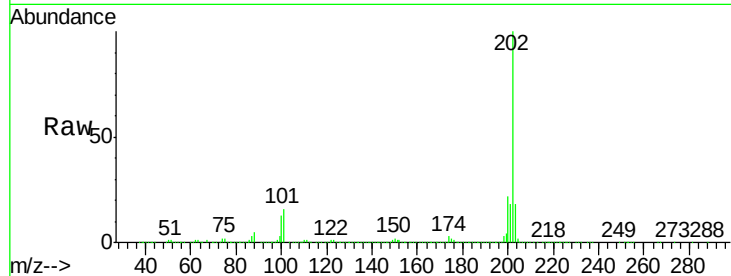
#77
 Pyrene
 Concen: 43.662 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.3	14.3	21.5

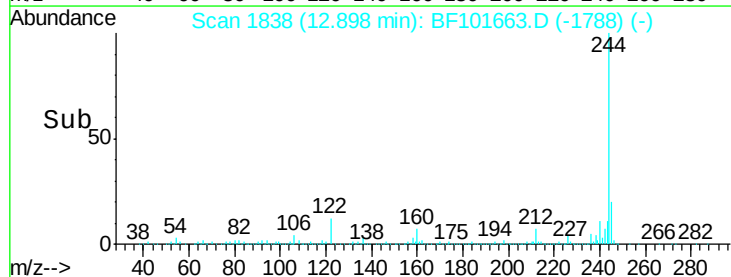
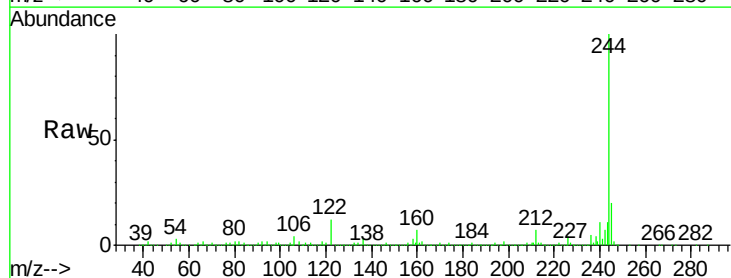
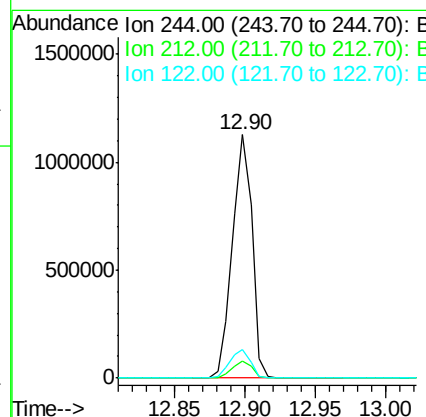
Manual Integrations
 APPROVED

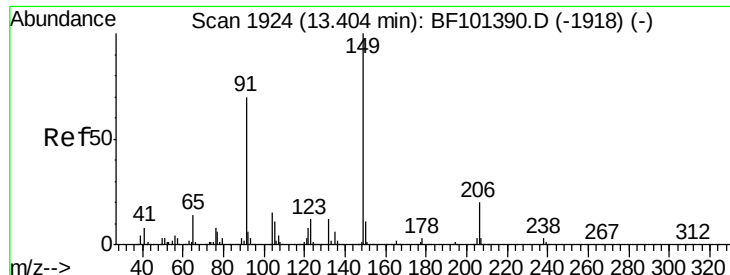
Sohil
 12/26/2017 1:37:24 PM



#78
 Terphenyl-d14
 Concen: 88.322 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.0	11.0	16.4





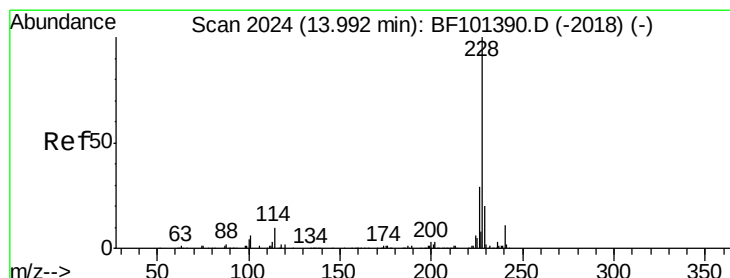
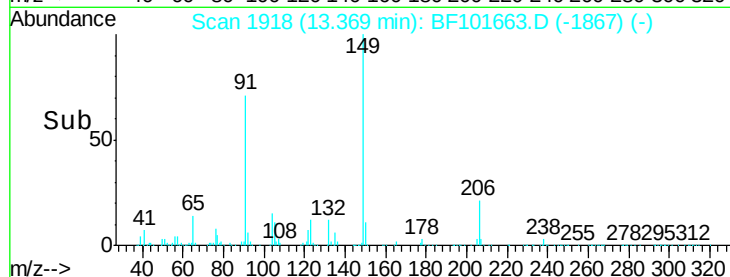
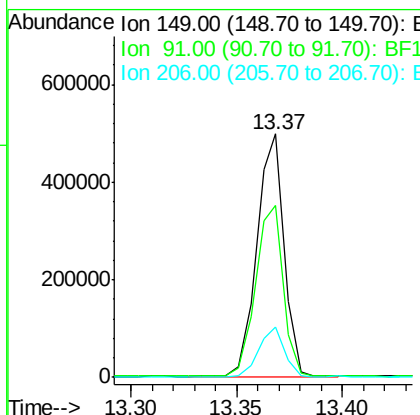
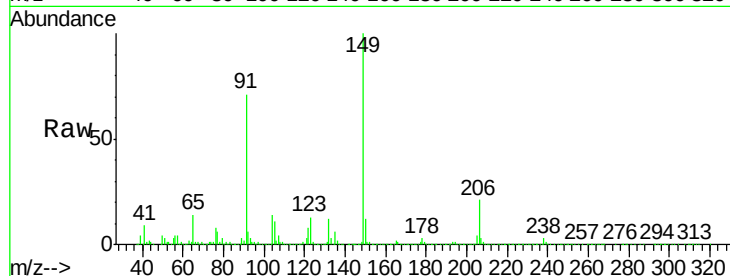
#79
Butylbenzylphthalate
Concen: 43.788 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	443805		
91	70.8	56.8	85.2	
206	20.5	14.1	21.1	

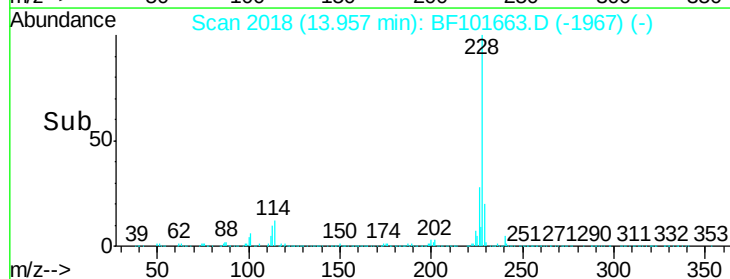
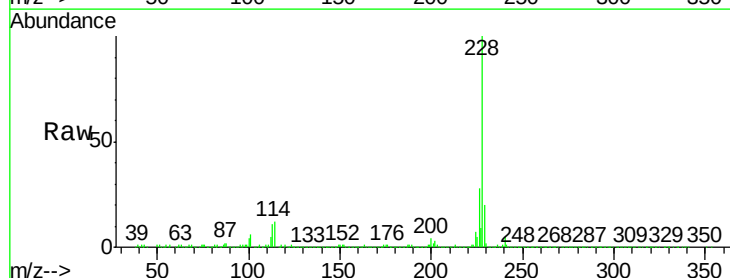
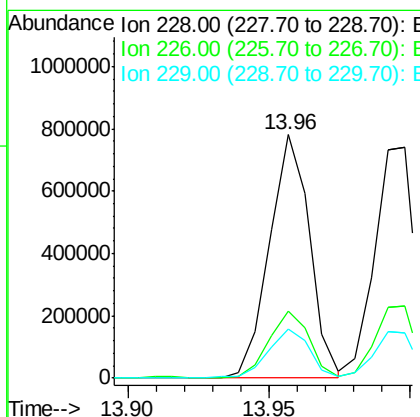
Manual Integrations
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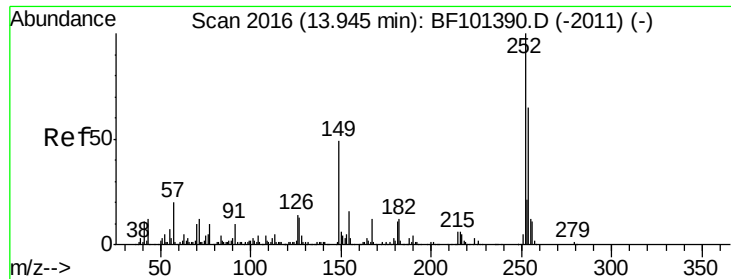
Sohil
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#80
Benzo(a)anthracene
Concen: 38.873 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	766112		
226	27.6	22.6	33.8	
229	20.1	15.8	23.6	





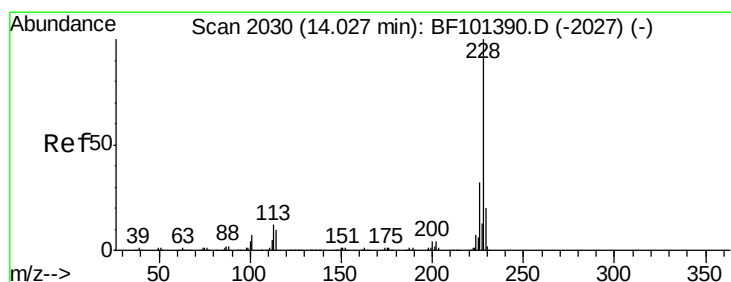
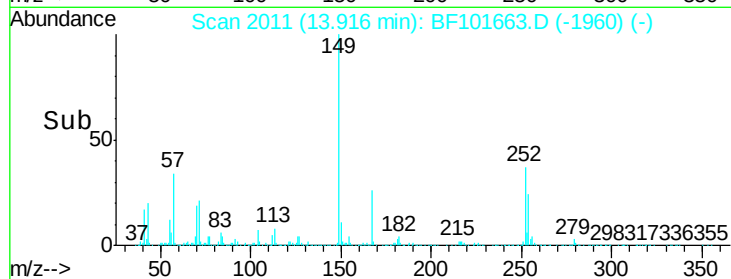
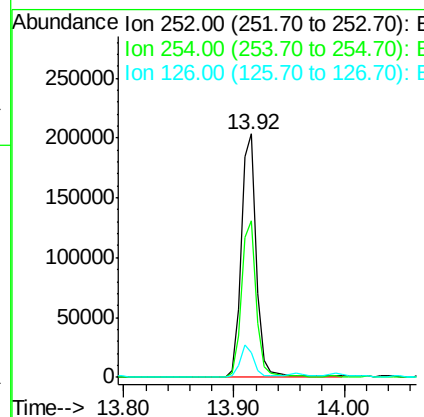
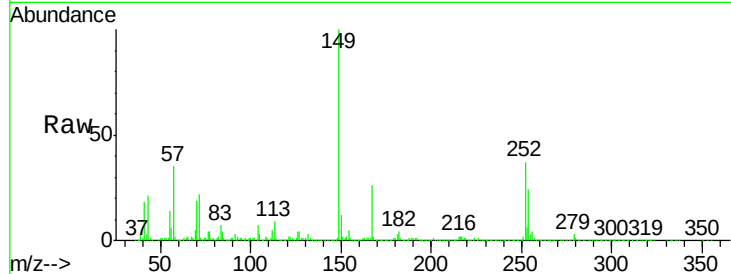
#81
 3,3'-Dichlorobenzidine
 Concen: 30.133 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	10.2	11.3	16.9

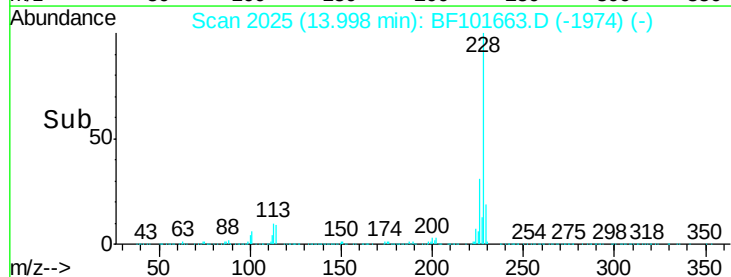
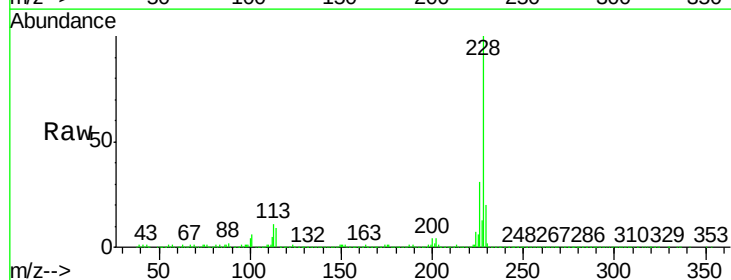
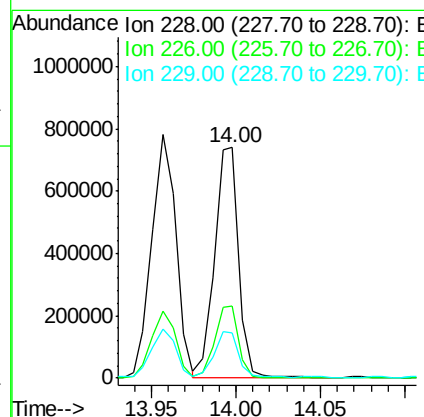
Manual Integrations
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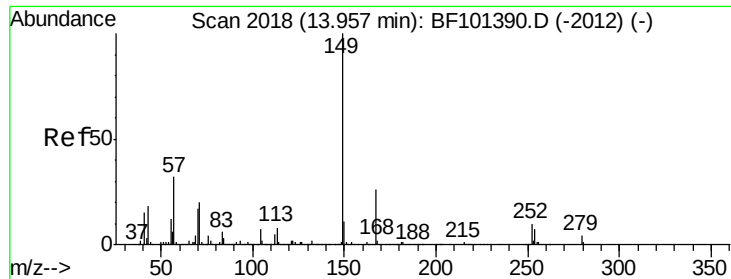
Sohil
 12/26/2017 1:37:24 PM



#82
 Chrysene
 Concen: 39.251 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4





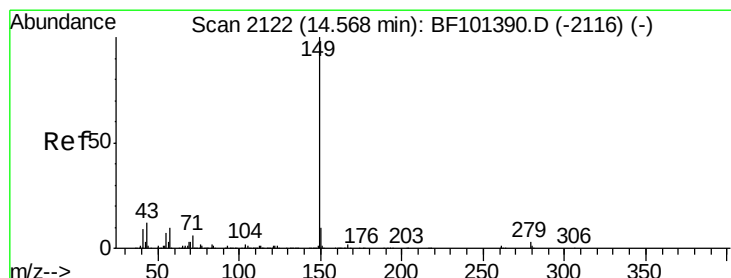
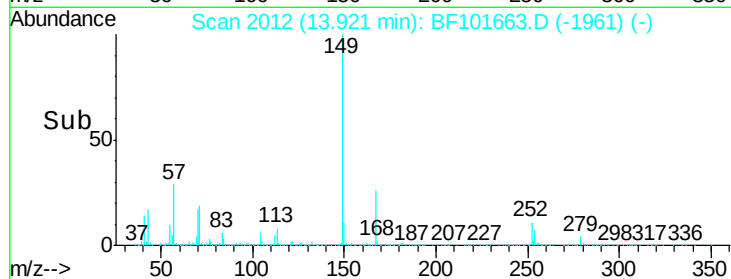
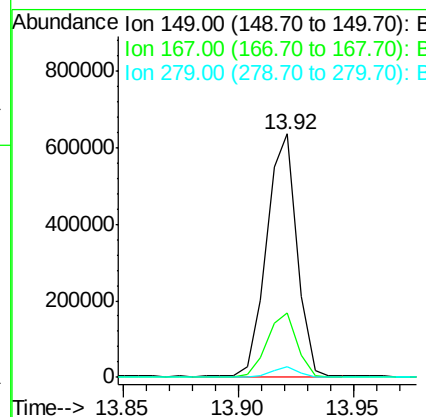
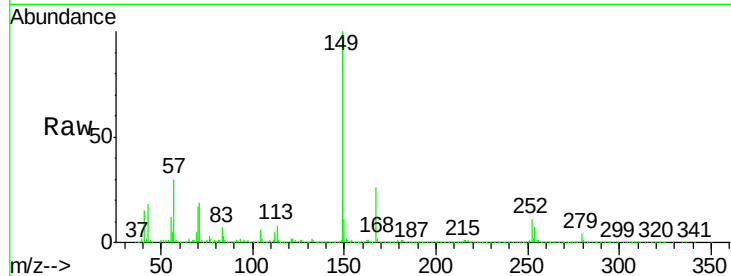
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.839 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.2	3.0	4.4

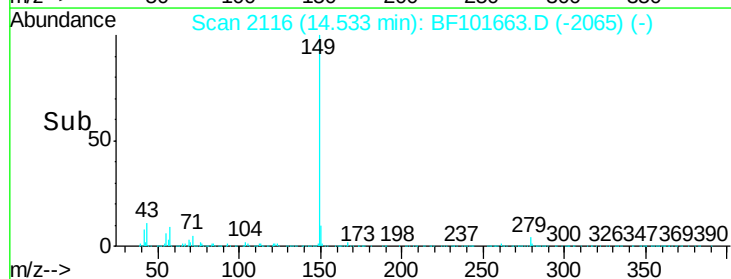
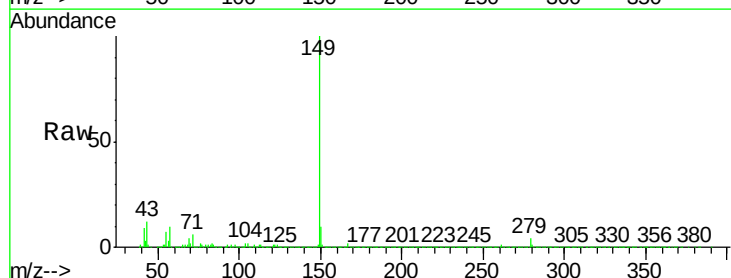
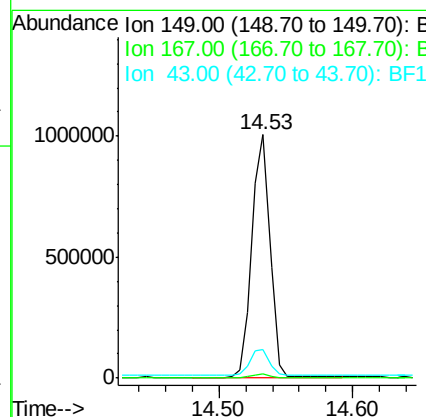
Manual Integrations
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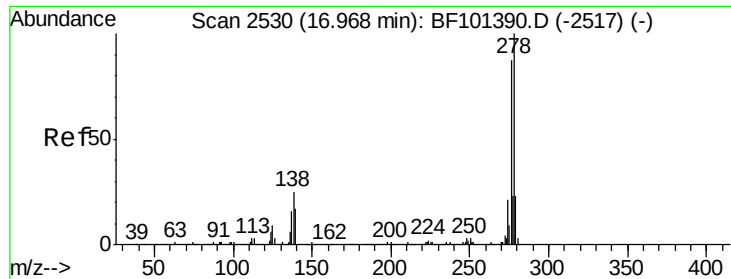
Sohil
 12/26/2017 1:37:24 PM



#84
 Di-n-octyl phthalate
 Concen: 40.613 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6





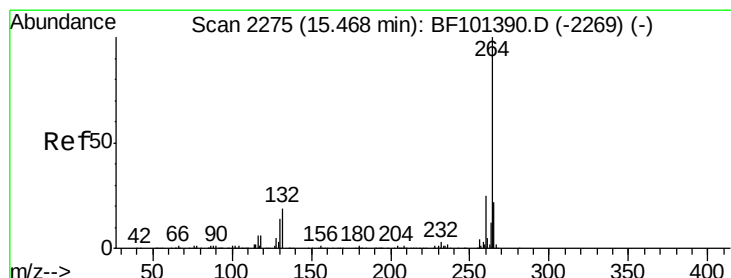
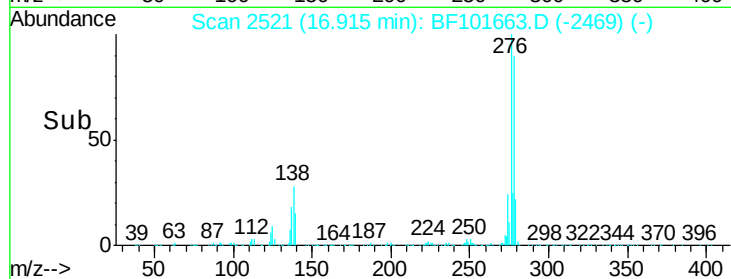
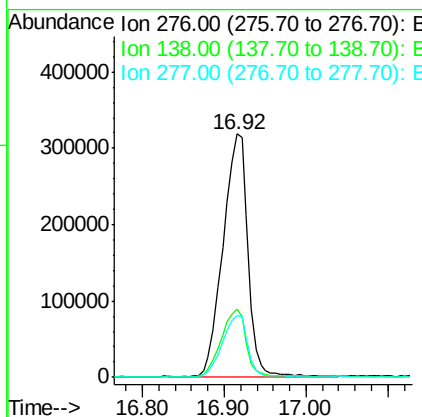
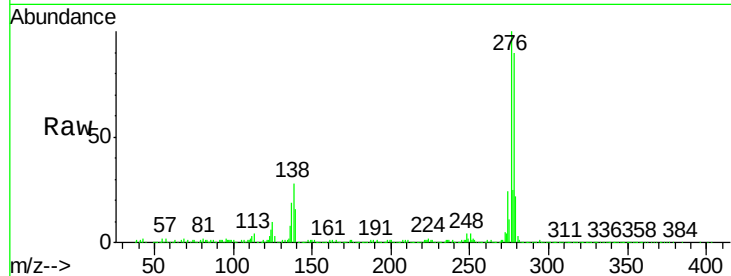
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.661 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	673764		
138	27.5	25.0	37.6	
277	25.5	20.1	30.1	

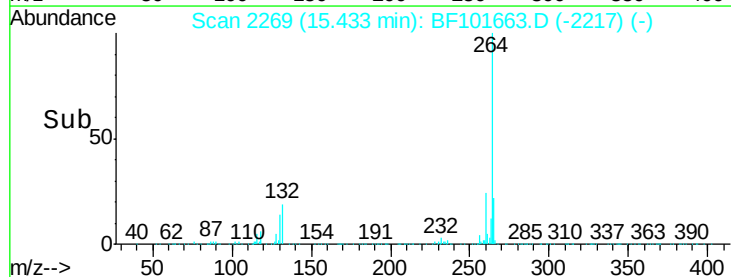
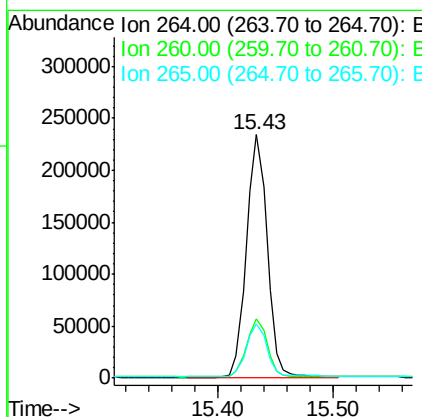
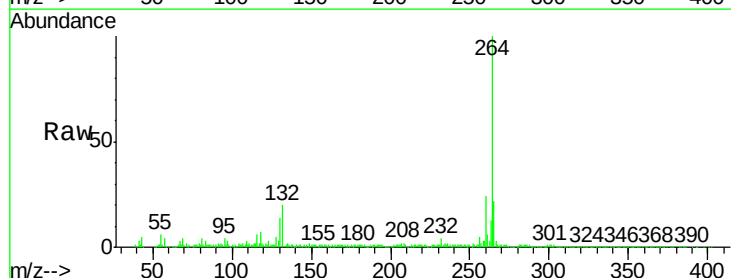
Manual Integrations
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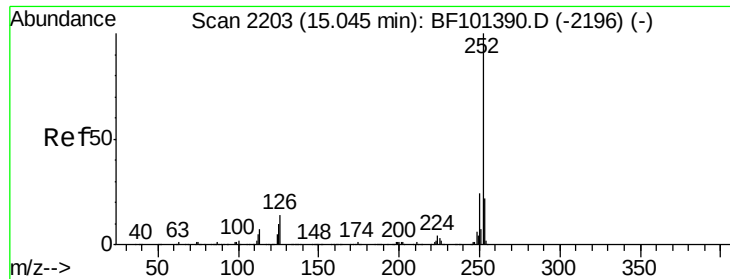
Sohil
 12/26/2017 1:37:24 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF101663.D
 Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	293103		
260	24.3	19.2	28.8	
265	22.3	17.5	26.3	





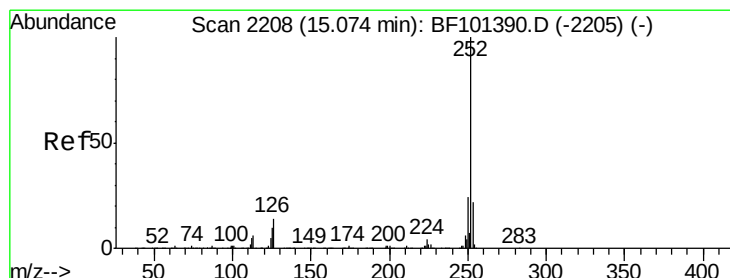
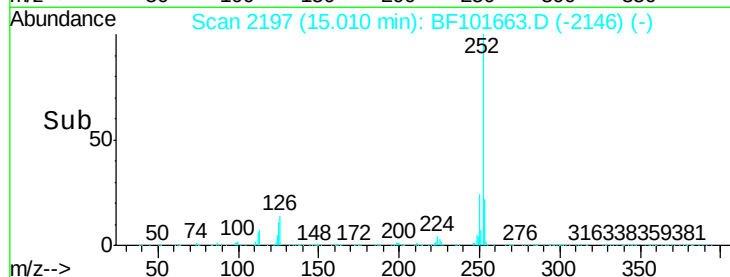
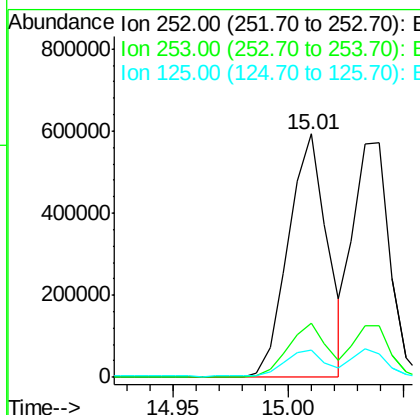
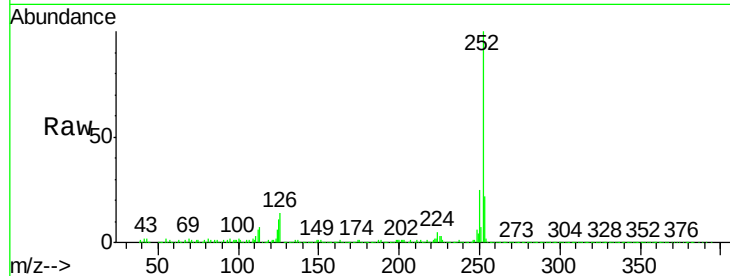
#87
Benzo(b)fluoranthene
Concen: 38.827 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	693655		
253	22.0	17.0	25.6	
125	11.0	9.0	13.6	

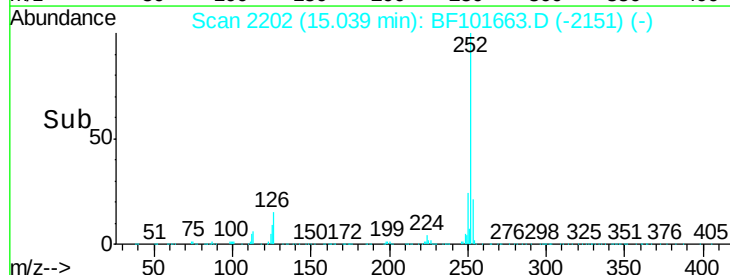
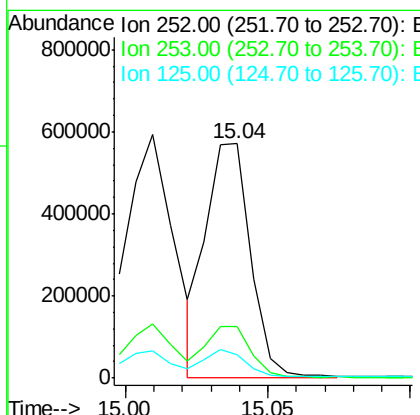
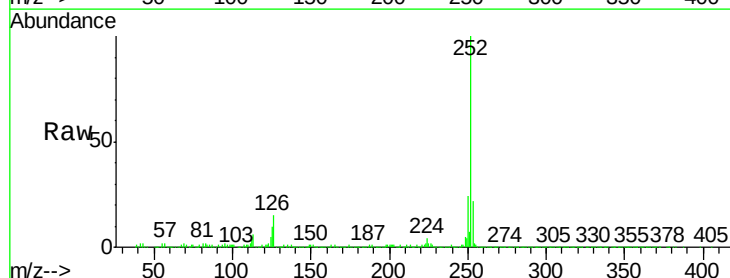
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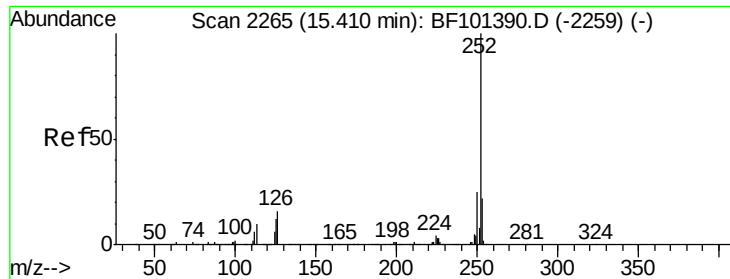
Sohil
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#88
Benzo(k)fluoranthene
Concen: 36.185 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	628527		
253	21.8	17.9	26.9	
125	10.0	10.2	15.2	





#89

Benzo(a)pyrene

Concen: 39.344 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

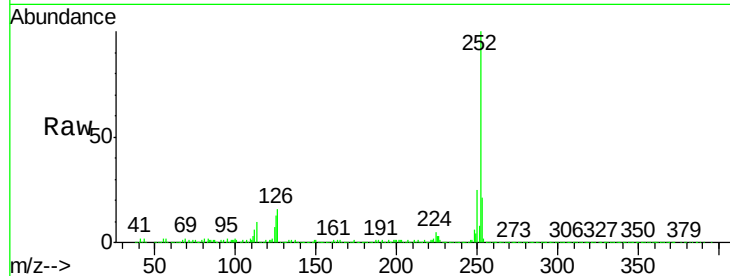
ClientSampleId :

EPE-106-3DS(16-20)MSD

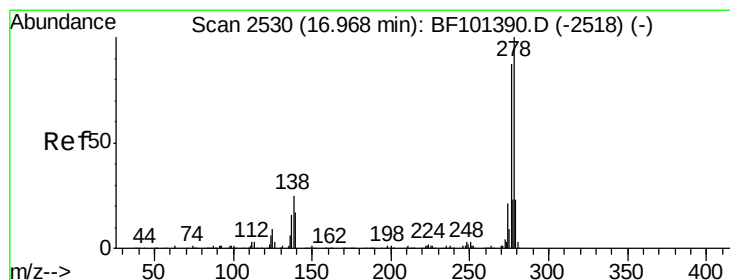
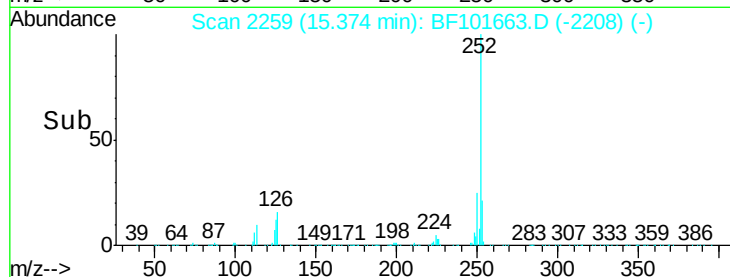
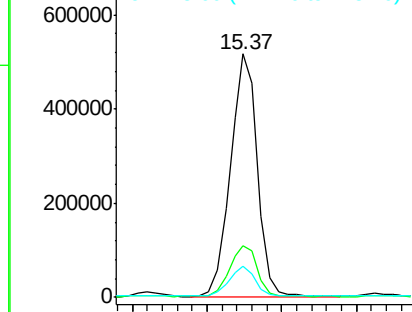
Tgt Ion:	252	Resp:	647966
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	12.8	9.8	14.6

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



#90

Dibenzo(a,h)anthracene

Concen: 40.100 ng

RT: 16.92 min Scan# 2521

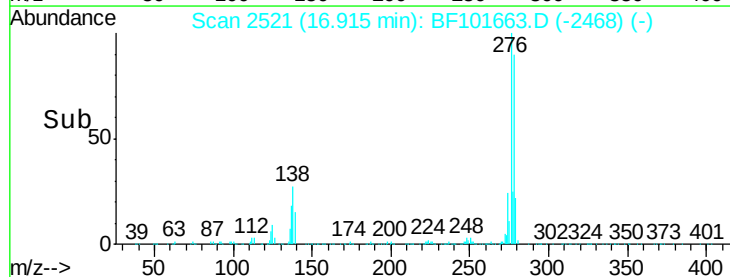
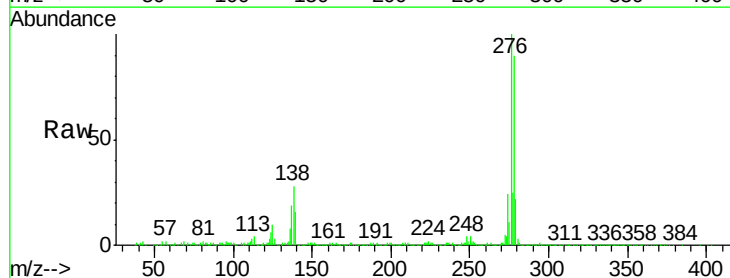
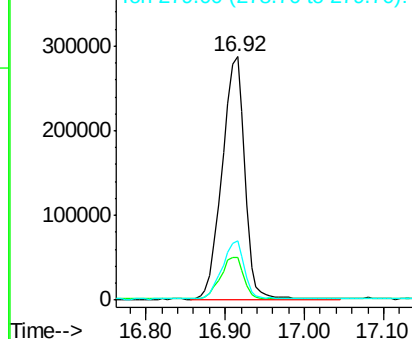
Delta R.T. 0.01 min

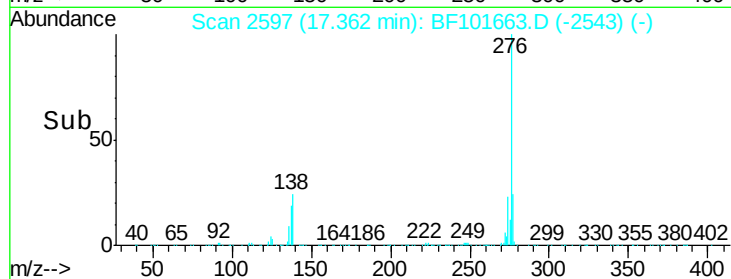
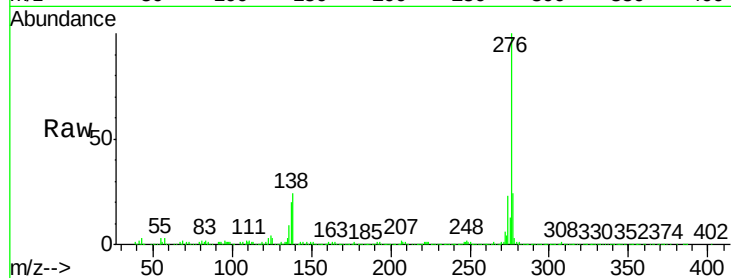
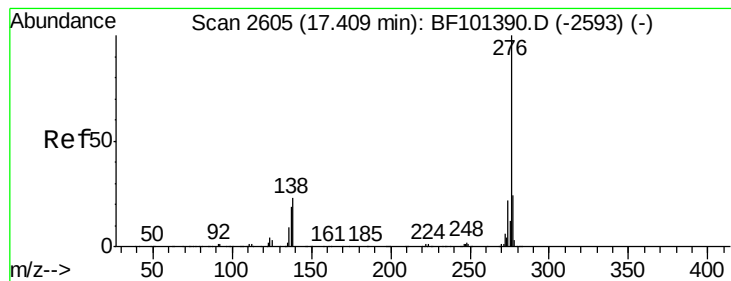
Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Tgt Ion:	278	Resp:	567025
Ion Ratio	Lower	Upper	
278	100		
139	17.5	15.9	23.9
279	24.2	19.0	28.4

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





#91

Benzo(g,h,i)perylene

Concen: 40.738 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.02 min

Lab File: BF101663.D

Acq: 22 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MSD

Tgt Ion:	276	Resp:	570401
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
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