

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101744.D
 Acq On : 27 Dec 2017 5:07
 Operator : SJ/JU
 Sample : I7043-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Manual Integrations
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 12/27/2017 4:15:25 PM

Quant Time: Dec 27 07:20:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135013	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	487927	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	185041	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	298800	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287240	20.00	ng	0.00
86) Perylene-d12	15.44	264	262873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	766183	84.53	ng	0.01
7) Phenol-d6	6.44	99	908020	80.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	583036	66.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	222011	124.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1008260	84.52	ng	0.00
78) Terphenyl-d14	12.90	244	1113395	93.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	105244	22.598	ng	97
3) Pyridine	3.35	79	237058	18.320	ng	95
4) n-Nitrosodimethylamine	3.29	42	123384	20.709	ng	97
6) Aniline	6.47	93	83705	5.340	ng	# 53
8) 2-Chlorophenol	6.58	128	218655	22.933	ng	98
9) Benzaldehyde	6.36	77	77324	9.282	ng	98
10) Phenol	6.45	94	306787	23.862	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	240036	23.801	ng	97
12) 1,3-Dichlorobenzene	6.73	146	252633	23.477	ng	99
13) 1,4-Dichlorobenzene	6.80	146	261623	23.808	ng	99
14) 1,2-Dichlorobenzene	6.96	146	234499	23.708	ng	97
15) Benzyl Alcohol	6.95	79	200985	25.886	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	409090	26.505	ng	# 44
17) 2-Methylphenol	7.06	107	199609	22.759	ng	# 87
18) Hexachloroethane	7.29	117	70284	18.396	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	205536	27.745	ng	96
20) 3+4-Methylphenols	7.22	107	297408	32.000	ng	99
22) Acetophenone	7.20	105	388491	34.894	ng	# 97
24) Nitrobenzene	7.38	77	267900	27.616	ng	99
25) Isophorone	7.62	82	550287	31.295	ng	99
26) 2-Nitrophenol	7.70	139	114463	27.464	ng	94
27) 2,4-Dimethylphenol	7.73	122	236613	33.418	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	340594	30.493	ng	98
29) 2,4-Dichlorophenol	7.96	162	213096	30.464	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	194679	26.372	ng	97
31) Naphthalene	8.09	128	688987	28.049	ng	100
32) Benzoic acid	7.86	122	37212m	14.467	ng	
33) 4-Chloroaniline	8.17	127	57440	5.380	ng	# 93
34) Hexachlorobutadiene	8.20	225	110739	25.937	ng	99
35) Caprolactam	8.53	113	90795	37.381	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	231731	30.140	ng	99
37) 2-Methylnaphthalene	8.79	142	470770	29.416	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	221712	35.488	ng	# 97
42) 2,4,6-Trichlorophenol	9.07	196	137810	36.640	ng	99

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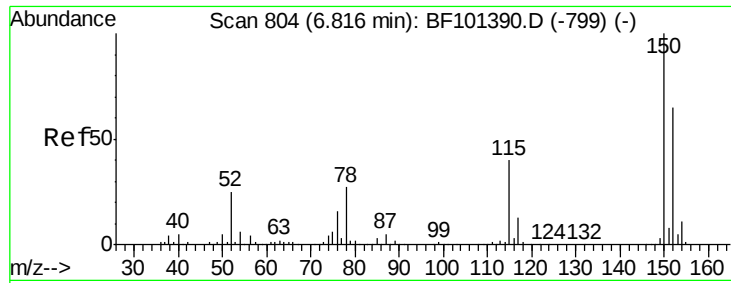
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	131530	31.939	ng	95
45) 1,1'-Biphenyl	9.25	154	577251	35.176	ng	99
46) 2-Chloronaphthalene	9.27	162	420998	33.528	ng	97
47) 2-Nitroaniline	9.39	65	163690	37.737	ng	91
48) Acenaphthylene	9.69	152	611200	30.818	ng	100
49) Dimethylphthalate	9.55	163	648960	43.601	ng	98
50) 2,6-Dinitrotoluene	9.63	165	107686	35.598	ng	91
51) Acenaphthene	9.86	154	376157	31.569	ng	100
52) 3-Nitroaniline	9.80	138	81387	21.579	ng	99
54) Dibenzofuran	10.03	168	556867	36.775	ng	97
55) 4-Nitrophenol	9.99	139	111764	67.960	ng	94
56) 2,4-Dinitrotoluene	10.05	165	141665	41.565	ng #	96
57) Fluorene	10.38	166	452789	35.347	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	115419	39.009	ng #	86
59) Diethylphthalate	10.24	149	570958	38.737	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	221092	36.013	ng	94
61) 4-Nitroaniline	10.42	138	130296	34.370	ng	94
62) Azobenzene	10.53	77	484741	31.747	ng	96
65) n-Nitrosodiphenylamine	10.49	169	442875	40.141	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	137367	40.915	ng #	83
67) Hexachlorobenzene	10.93	284	142729	40.167	ng #	87
68) Atrazine	11.02	200	104677	31.819	ng	95
69) Pentachlorophenol	11.13	266	117620	84.700	ng	100
70) Phenanthrene	11.34	178	678817	40.851	ng	99
71) Anthracene	11.40	178	713207	42.019	ng	98
72) Carbazole	11.56	167	701632	44.151	ng	100
73) Di-n-butylphthalate	11.87	149	873195	45.271	ng	99
74) Fluoranthene	12.54	202	795860	45.630	ng	97
76) Benzidine	12.66	184	232684	19.180	ng	97
77) Pyrene	12.77	202	838736	38.907	ng	99
79) Butylbenzylphthalate	13.37	149	392863	40.276	ng	97
80) Benzo(a)anthracene	13.96	228	816673	43.058	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	213902	34.587	ng	98
82) Chrysene	14.00	228	795023	44.394	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	527418	42.689	ng	98
84) Di-n-octyl phthalate	14.53	149	1023654	46.459	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	614229	38.516	ng	97
87) Benzo(b)fluoranthene	15.02	252	749392	46.771	ng	99
88) Benzo(k)fluoranthene	15.04	252	688978	44.226	ng	98
89) Benzo(a)pyrene	15.38	252	669087	45.298	ng	100
90) Dibenzo(a,h)anthracene	16.92	278	524329	41.345	ng	97
91) Benzo(g,h,i)perylene	17.37	276	514410	40.964	ng	95

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



#1

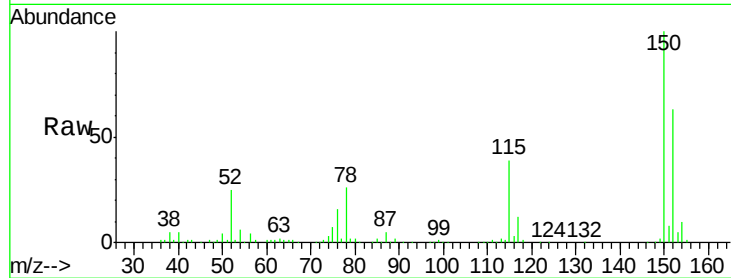
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
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EPE-106-3DS(90-92)MSD

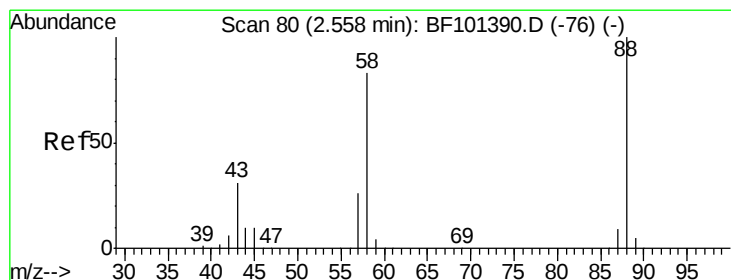
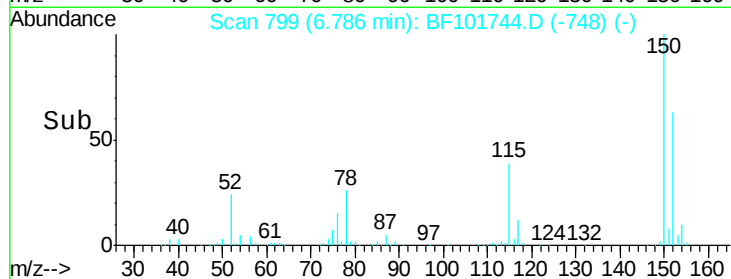
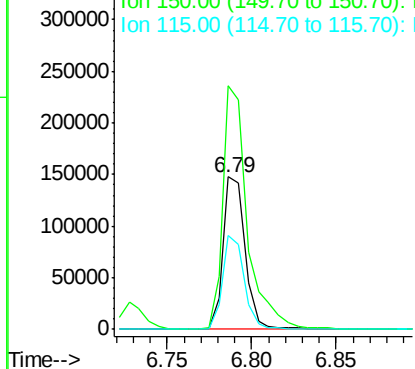
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	61.5	50.1	75.1

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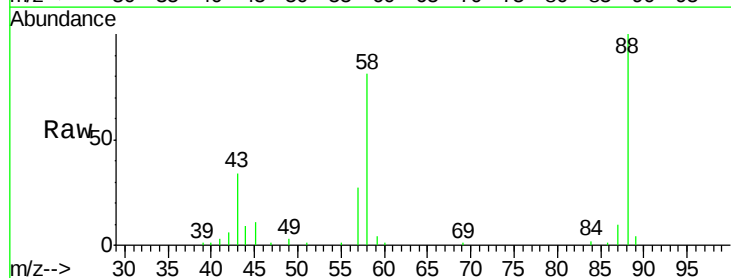
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



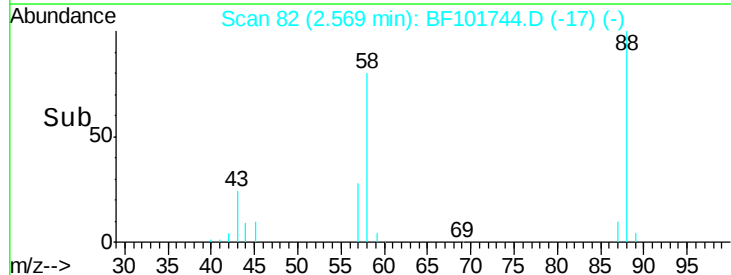
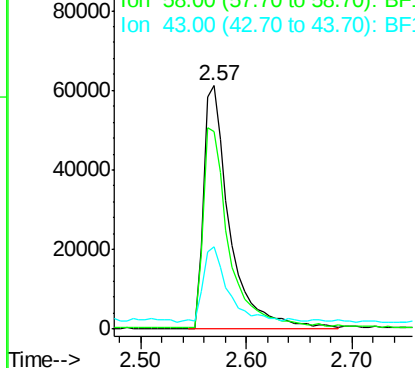
#2

1,4-Dioxane
Concen: 22.598 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.08 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.6	93.8
43	29.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 18.320 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.10 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

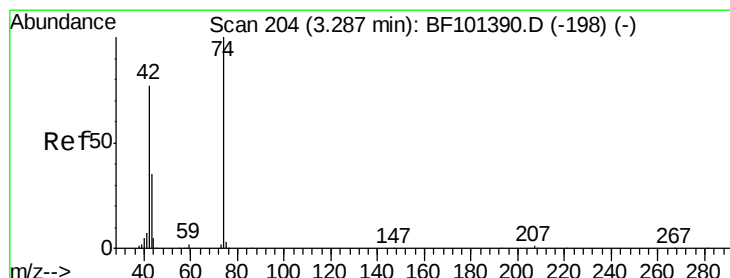
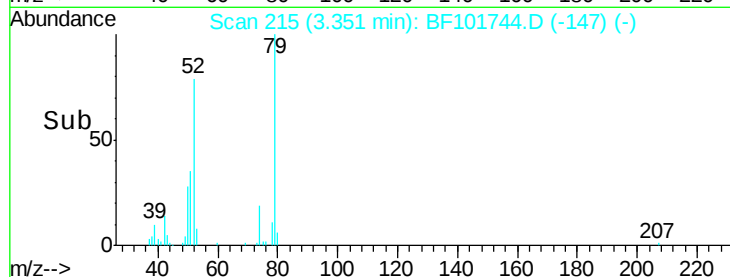
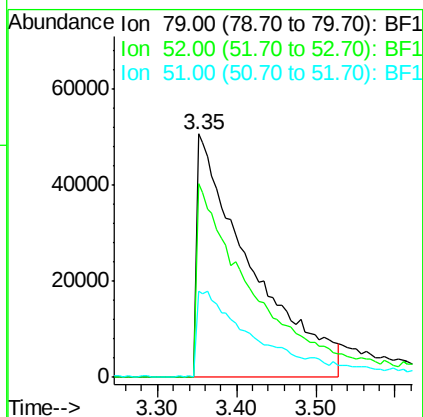
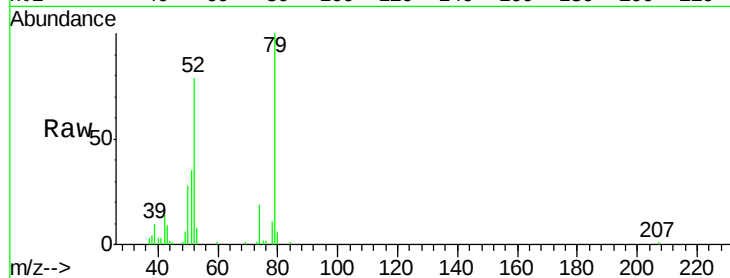
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	79	Resp:	237058
Ion Ratio	Lower	Upper	
79	100		
52	79.4	59.8	89.6
51	35.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 20.709 ng

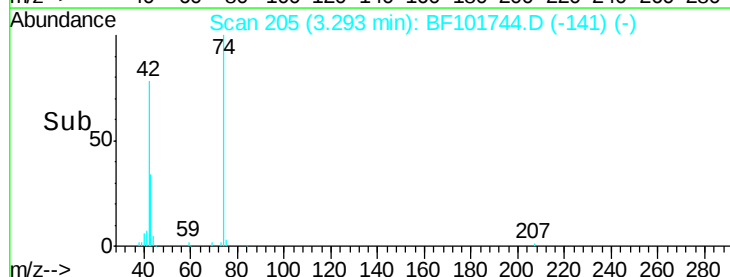
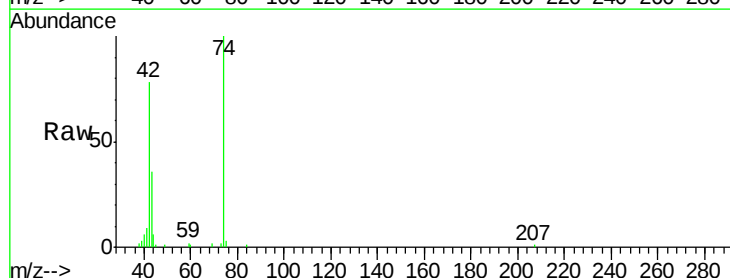
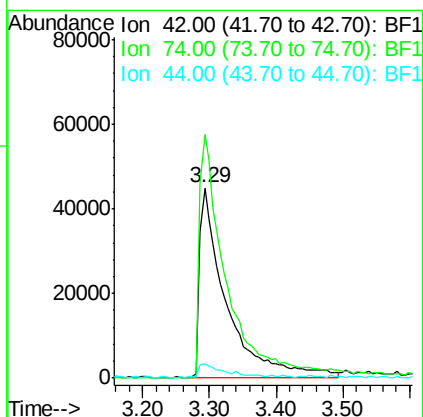
RT: 3.29 min Scan# 205

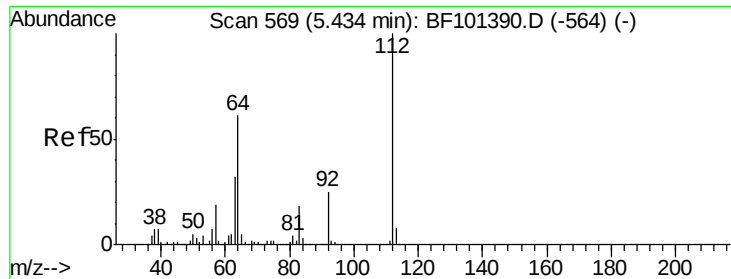
Delta R.T. 0.08 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	42	Resp:	123384
Ion Ratio	Lower	Upper	
42	100		
74	127.8	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 84.532 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

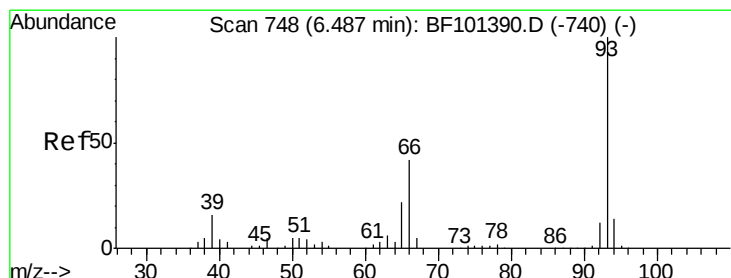
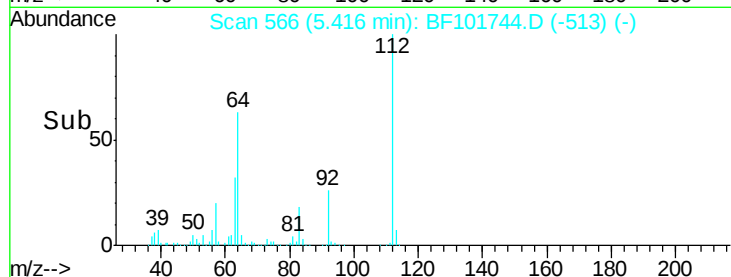
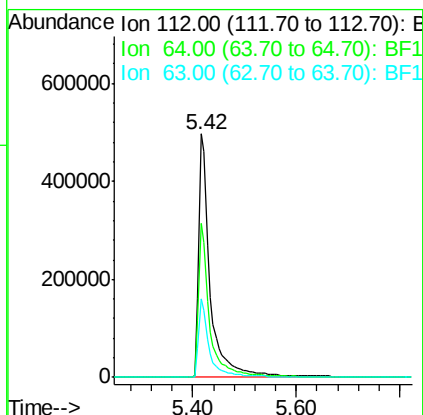
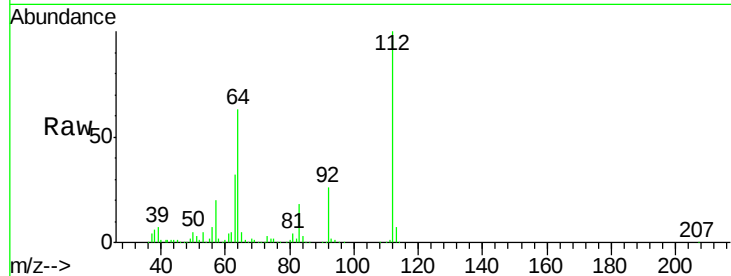
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	112	Resp:	766183
Ion Ratio	Lower	Upper	
112	100		
64	63.2	47.9	71.9
63	32.4	23.7	35.5

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#6

Aniline

Concen: 5.340 ng

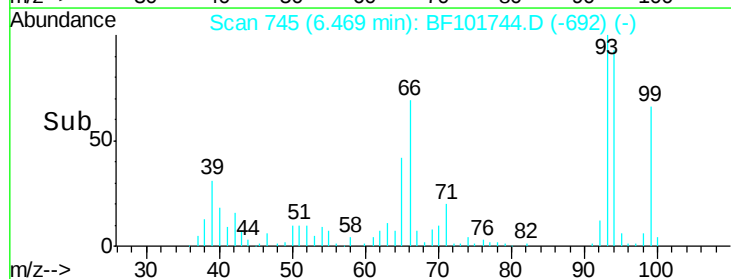
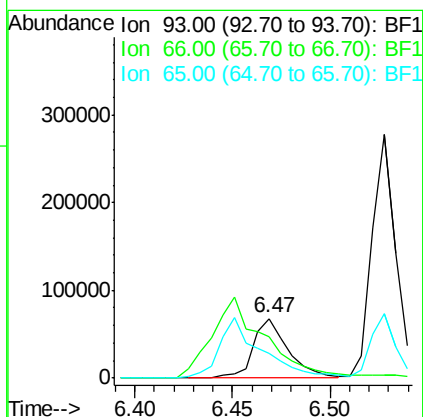
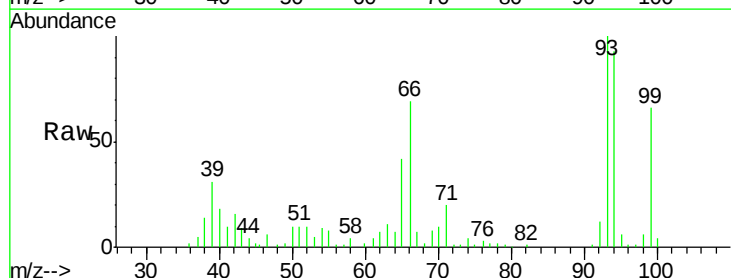
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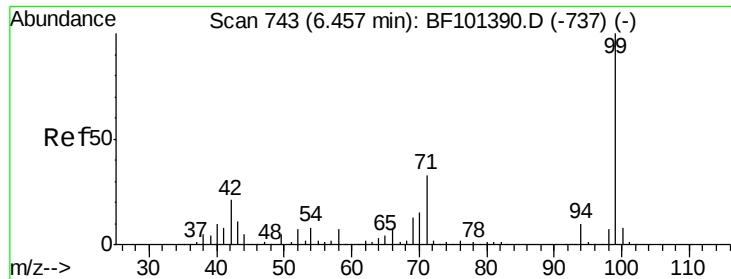
Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	93	Resp:	83705
Ion Ratio	Lower	Upper	
93	100		
66	69.2	32.2	48.2#
65	42.2	16.4	24.6#





#7

Phenol-d6

Concen: 80.496 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

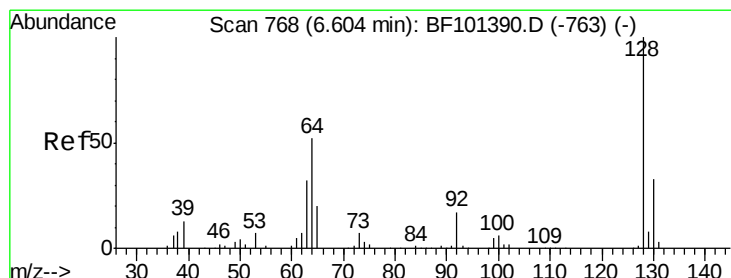
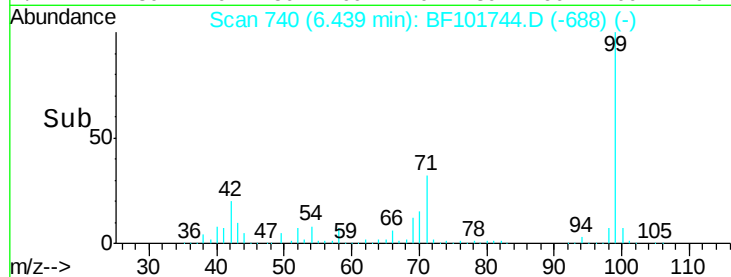
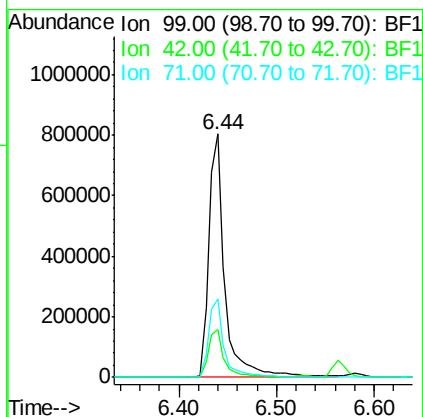
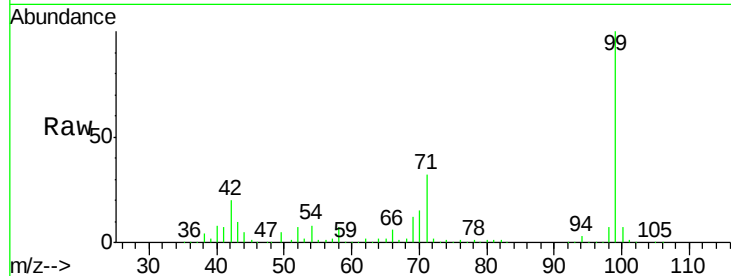
ClientSampleId :

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Tgt Ion:	99	Resp:	908020
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	32.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 22.933 ng

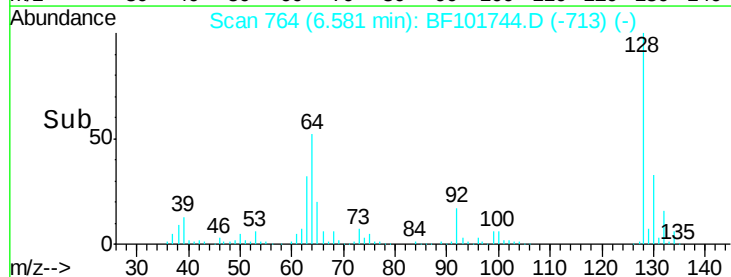
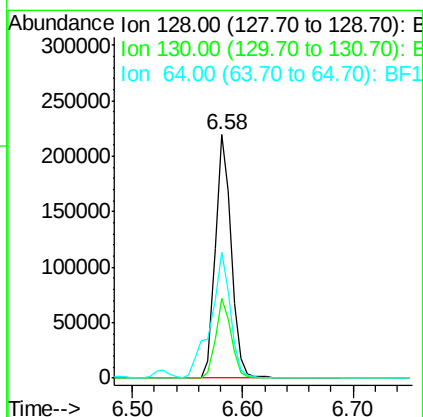
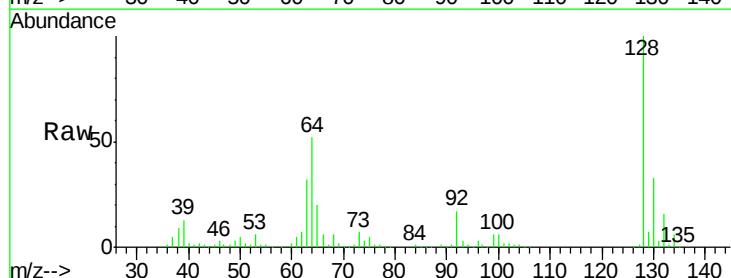
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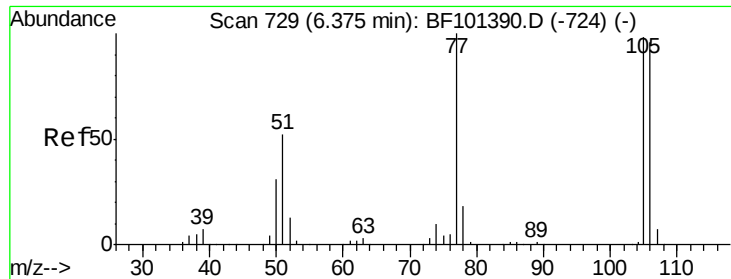
Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	128	Resp:	218655
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	51.9	29.4	69.4





#9

Benzaldehyde

Concen: 9.282 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

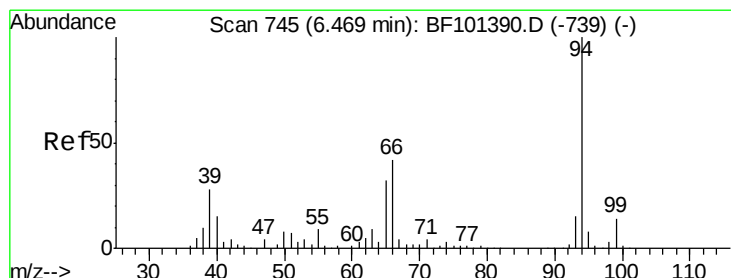
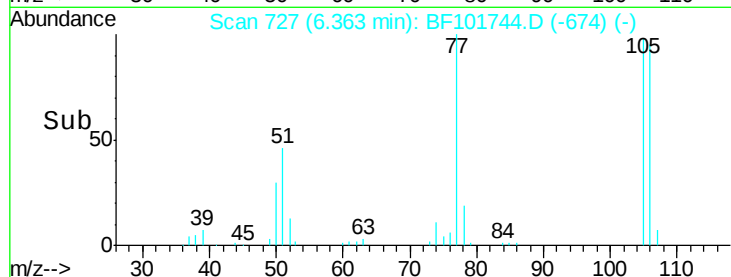
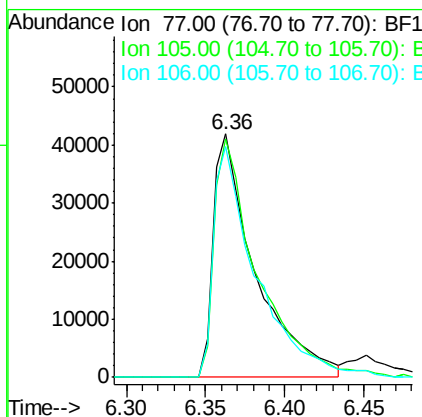
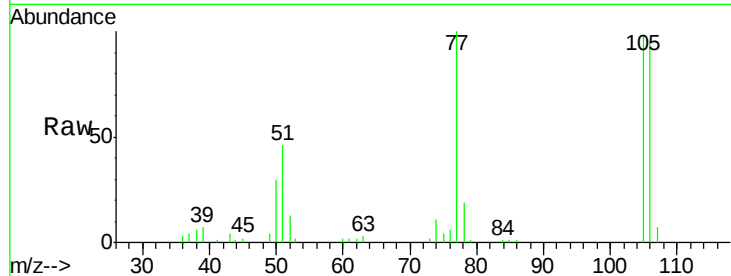
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	77	Resp:	77324
Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.1	121.1
106	94.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 23.862 ng

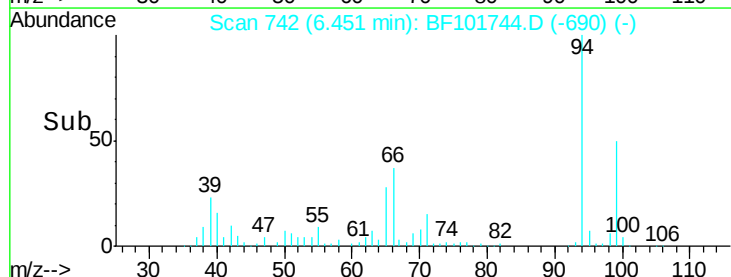
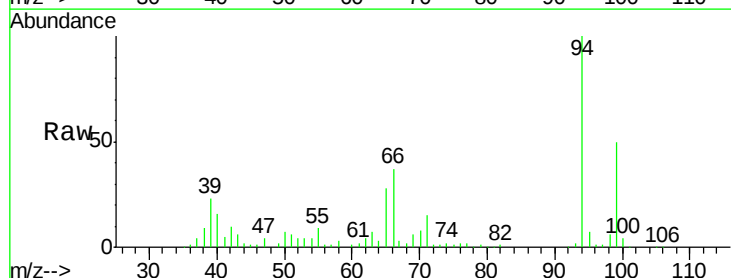
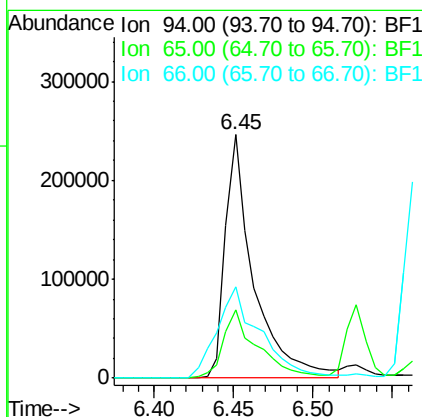
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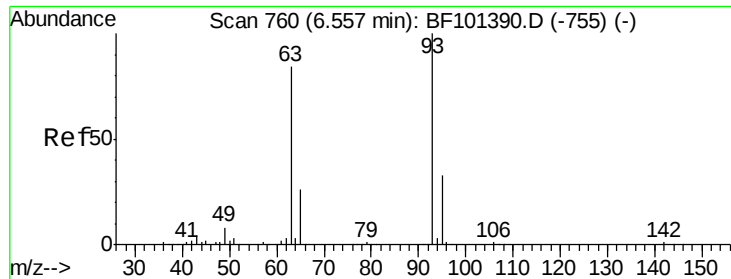
Delta R.T. 0.01 min

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Tgt Ion:	94	Resp:	306787
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	37.4	16.2	56.2





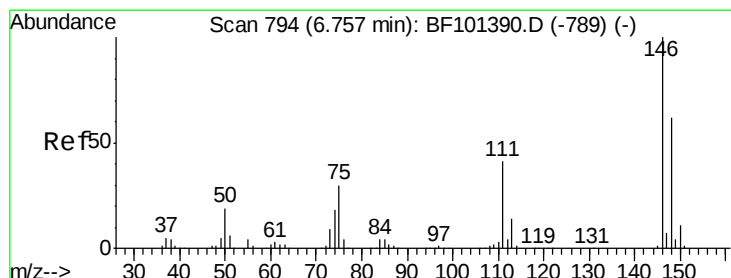
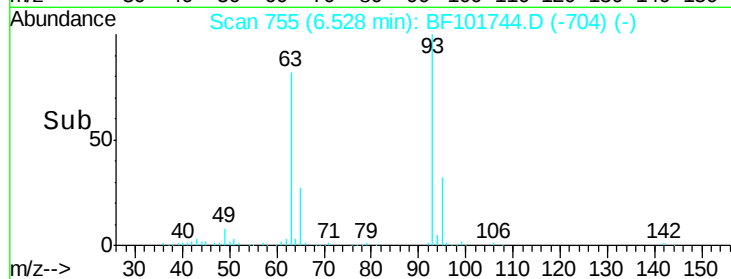
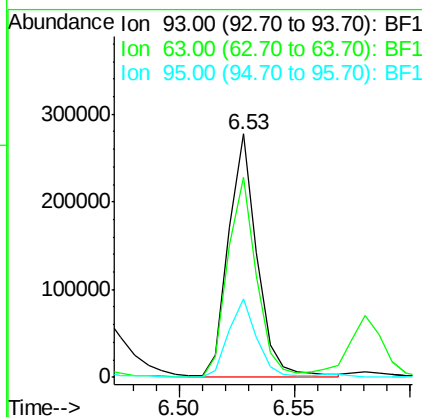
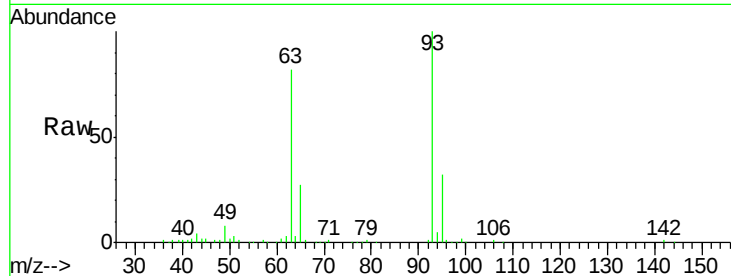
#11
bis(2-Chloroethyl)ether
Concen: 23.801 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240036		
63	82.1	58.6	98.6	
95	32.2	11.8	51.8	

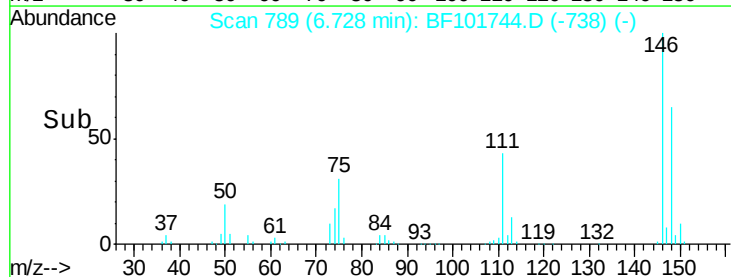
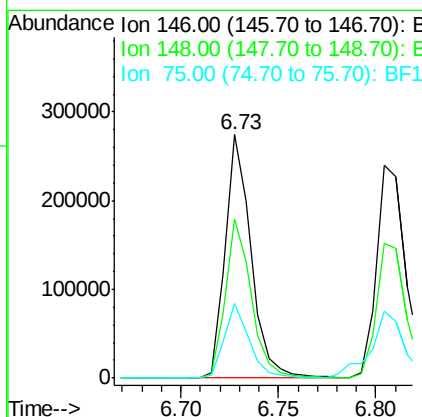
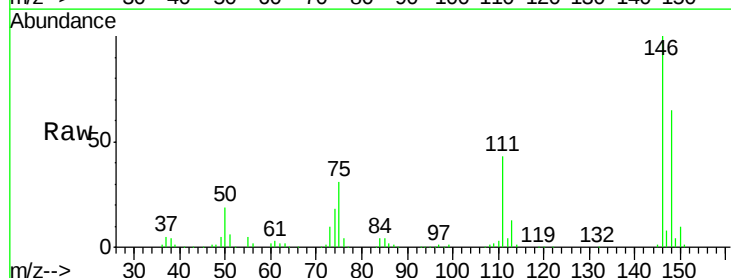
Manual Integrations
APPROVED

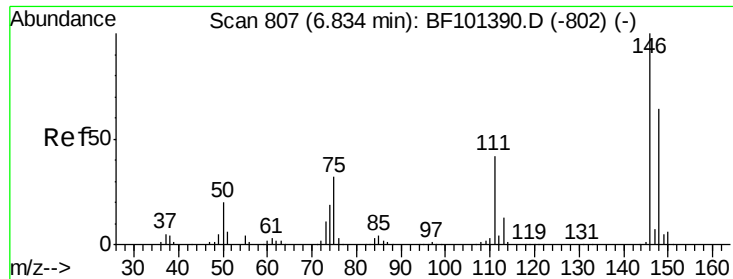
Sohil
12/27/2017 4:15:25 PM



#12
1,3-Dichlorobenzene
Concen: 23.477 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	252633		
148	65.4	51.8	77.8	
75	30.9	24.2	36.4	





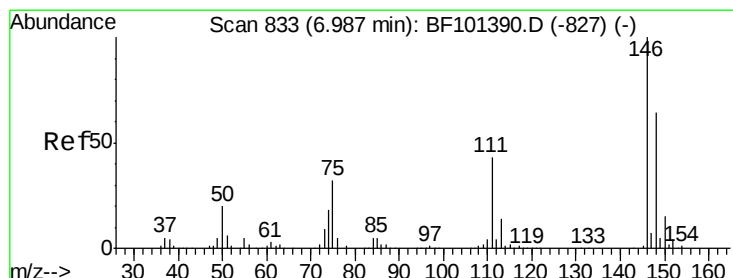
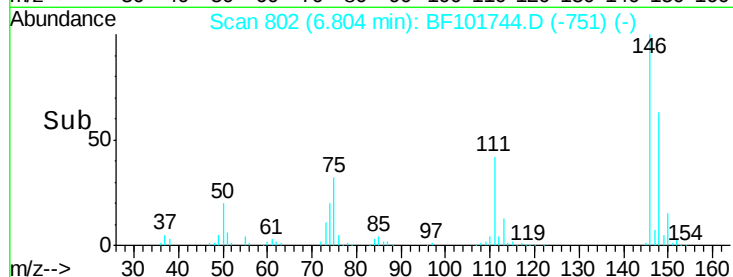
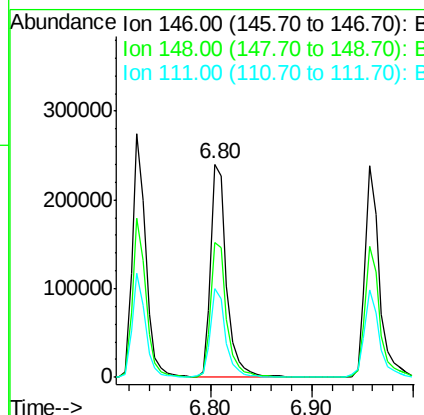
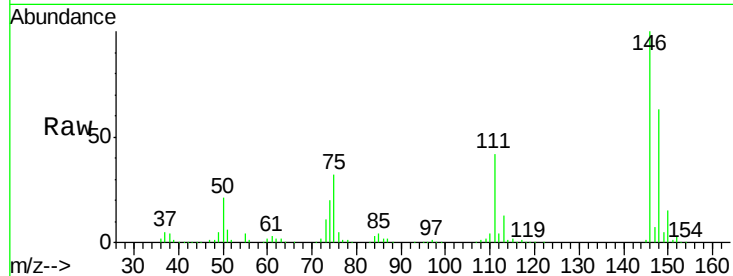
#13
1,4-Dichlorobenzene
Concen: 23.808 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	41.9	34.2	51.2

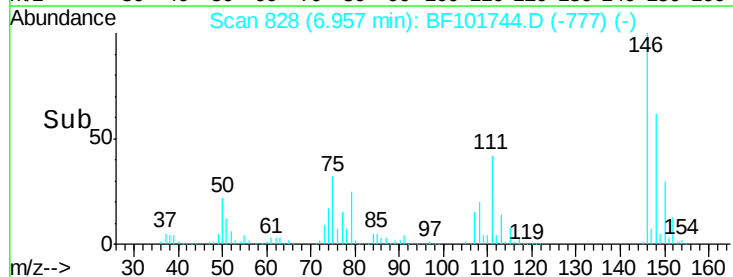
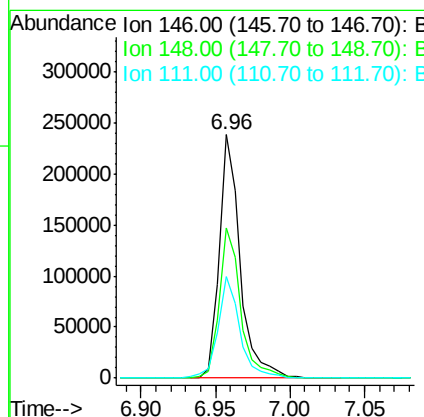
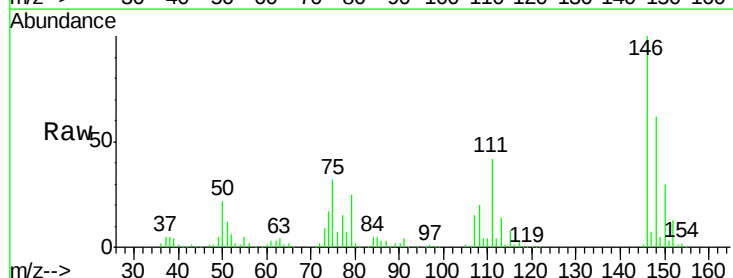
Manual Integrations
APPROVED

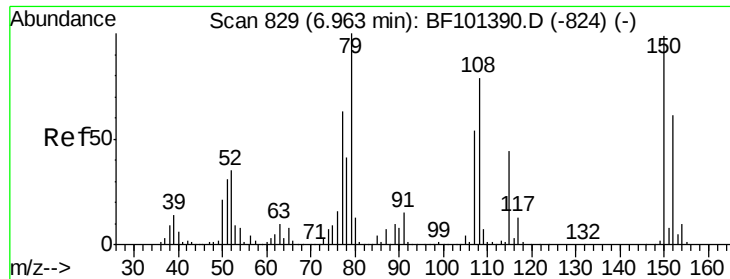
Sohil
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#14
1,2-Dichlorobenzene
Concen: 23.708 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	75.8
111	41.6	36.0	54.0





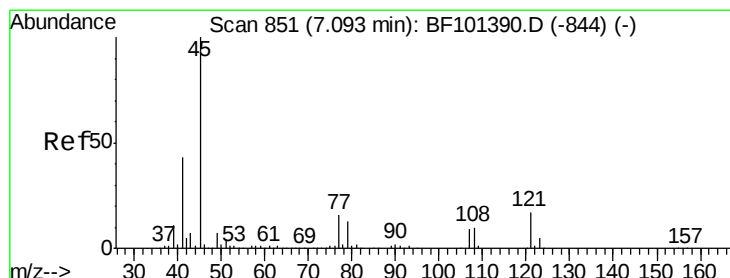
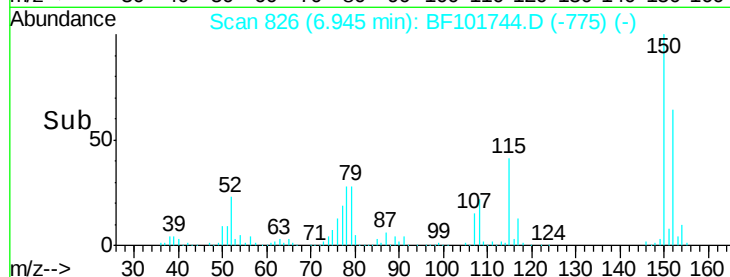
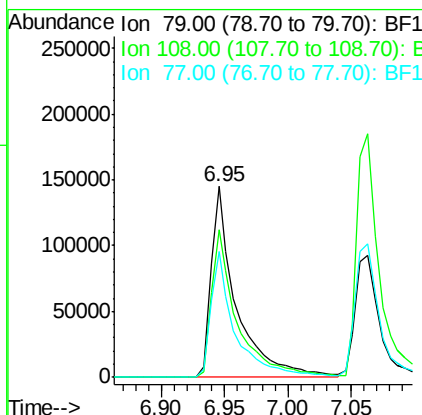
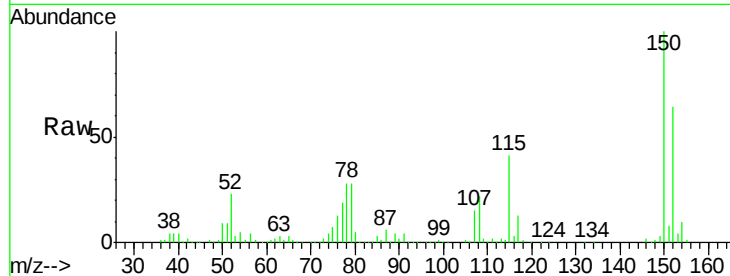
#15
Benzyl Alcohol
Concen: 25.886 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.1	65.1	97.7
77	65.7	50.6	75.8

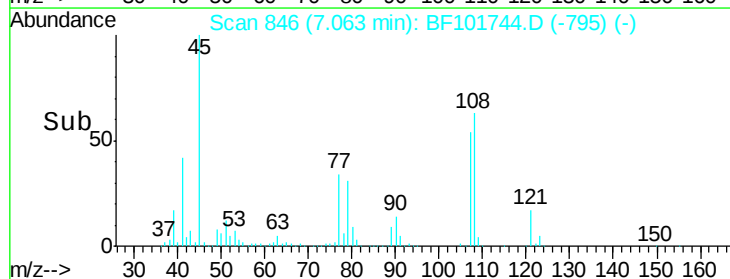
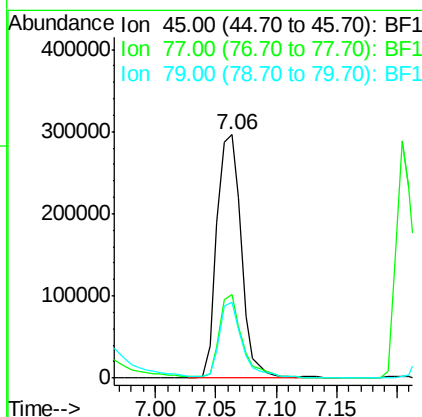
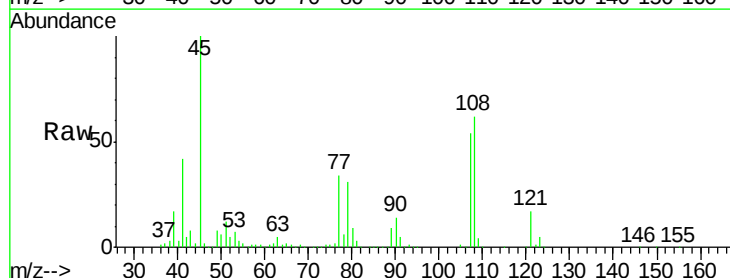
Manual Integrations
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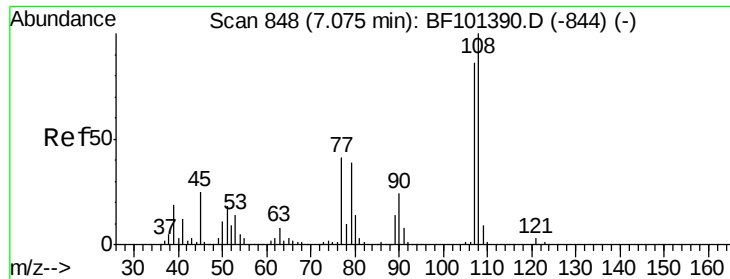
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.505 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.1	0.0	32.9#
79	31.4	0.0	29.6#





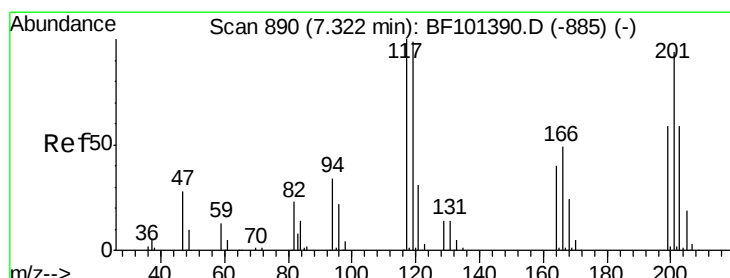
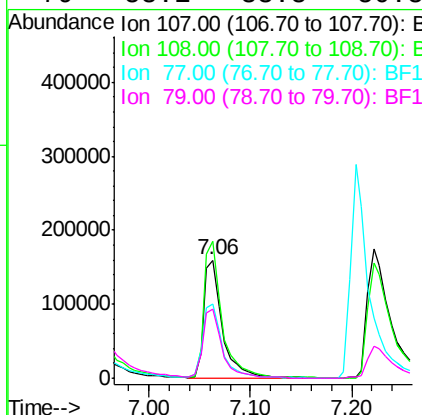
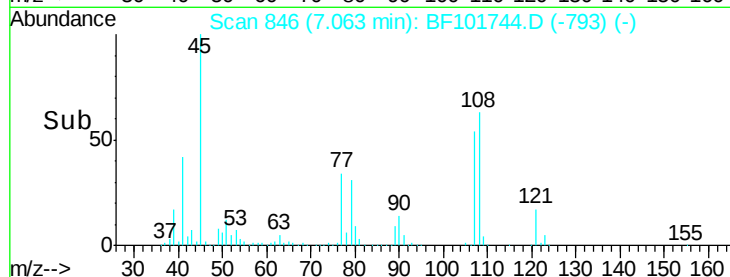
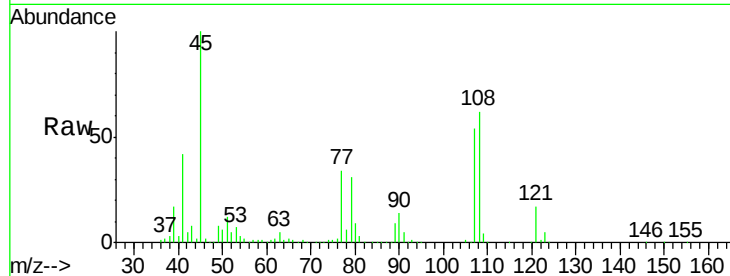
#17
2-Methylphenol
Concen: 22.759 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	199609		
108	115.6	91.7	137.5	
77	63.2	33.8	50.8#	
79	58.1	33.8	50.8#	

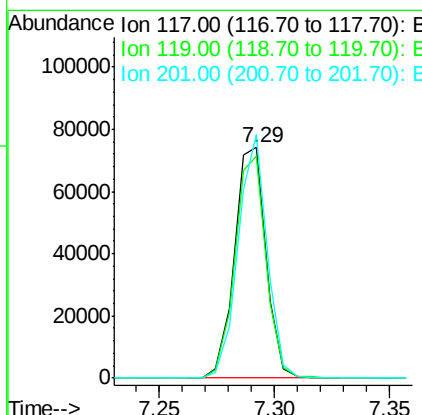
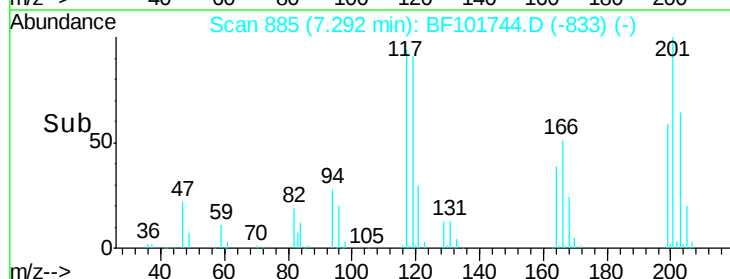
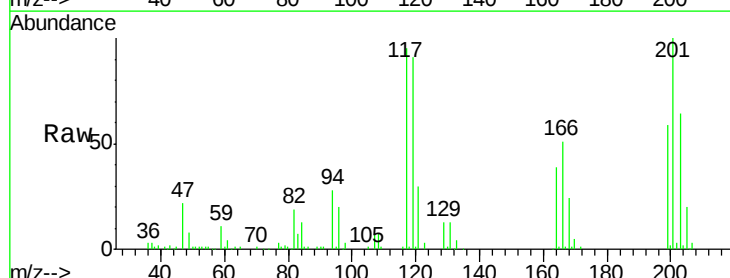
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#18
Hexachloroethane
Concen: 18.396 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70284		
119	96.3	75.8	113.8	
201	105.6	75.7	113.5	





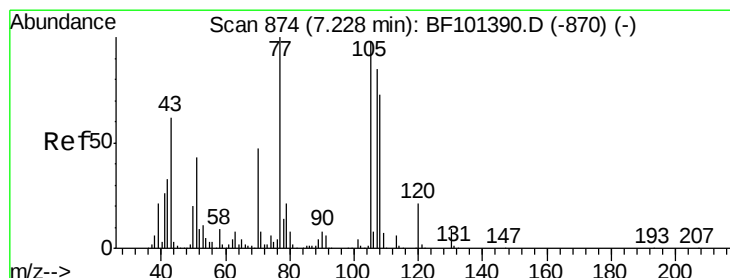
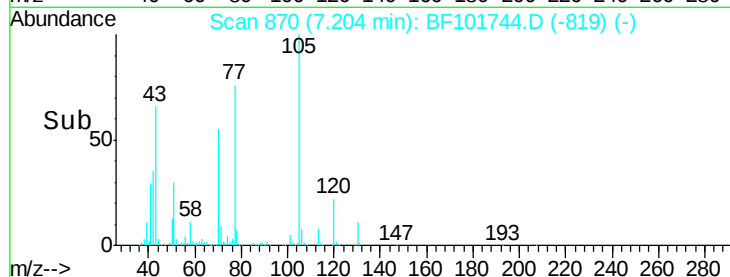
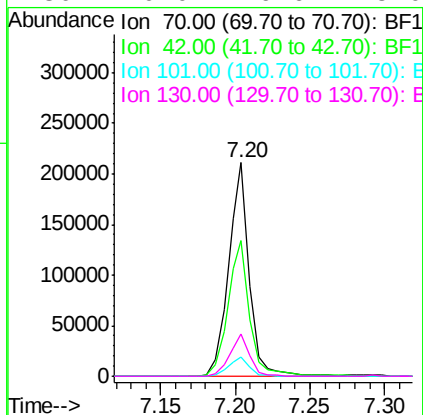
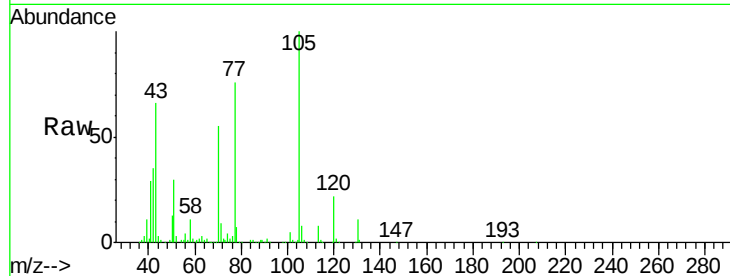
#19
n-Nitroso-di-n-propylamine
Concen: 27.745 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	9.1	7.4	11.2
130	20.0	16.6	25.0

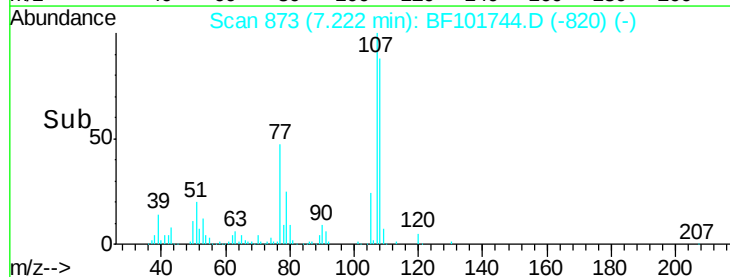
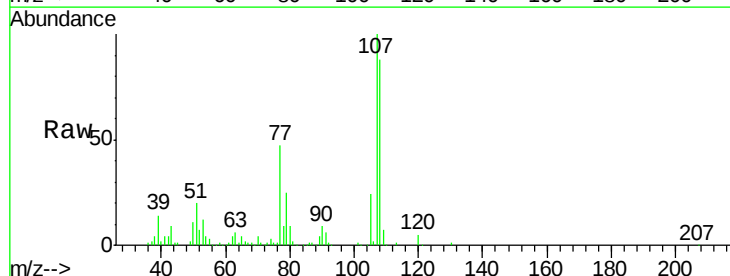
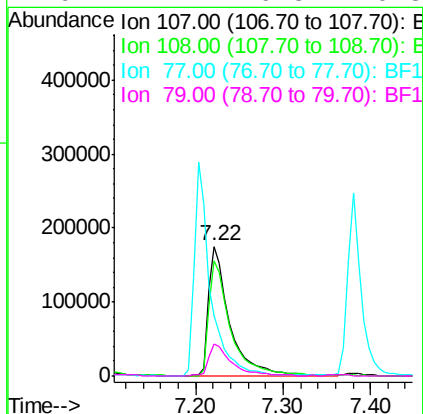
Manual Integrations
APPROVED

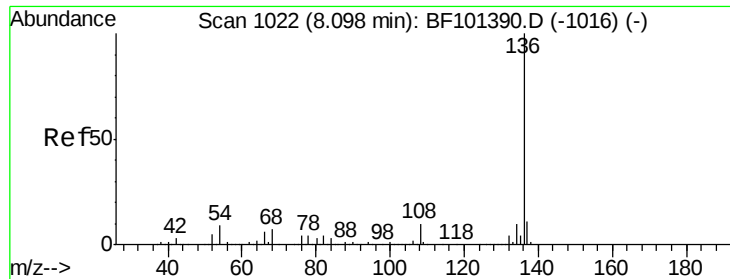
Sohil
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#20
3+4-Methylphenols
Concen: 32.000 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	46.8	26.7	66.7
79	24.7	6.3	46.3





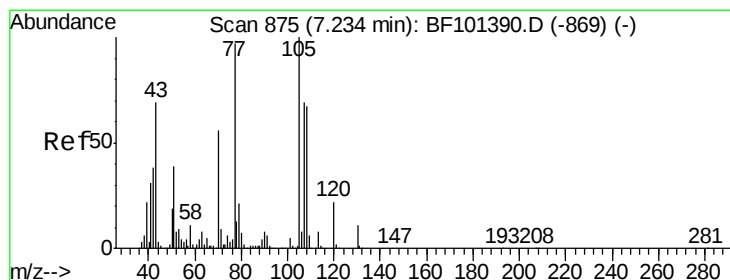
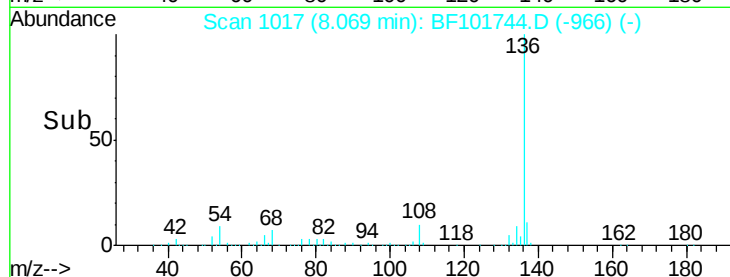
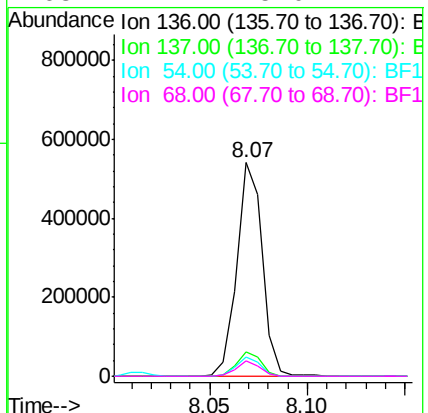
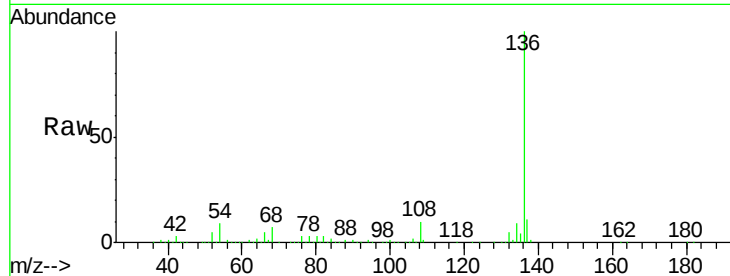
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	487927		
137	11.4	8.9	13.3	
54	9.2	6.6	9.8	
68	7.1	5.0	7.4	

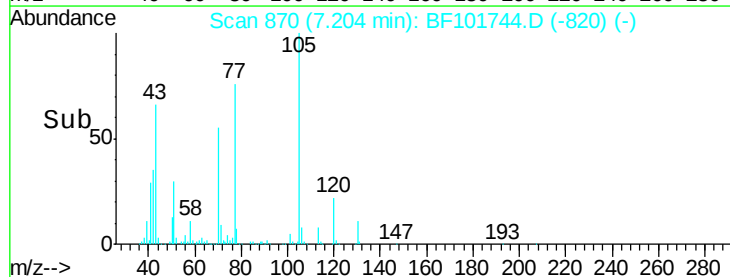
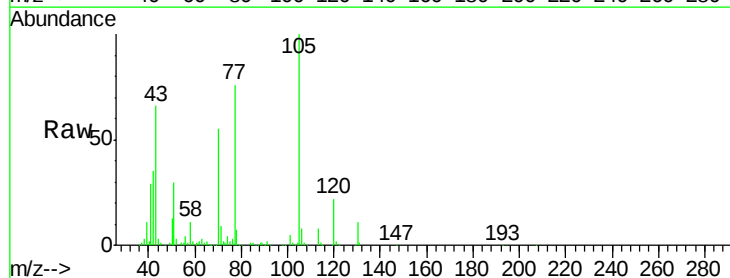
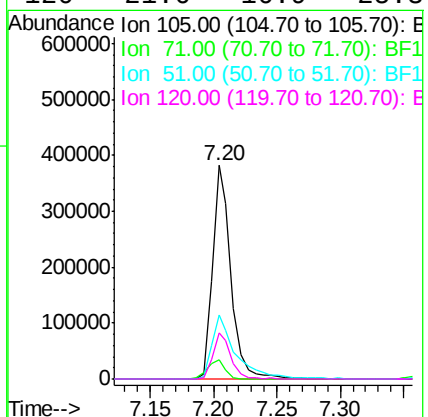
Manual Integrations
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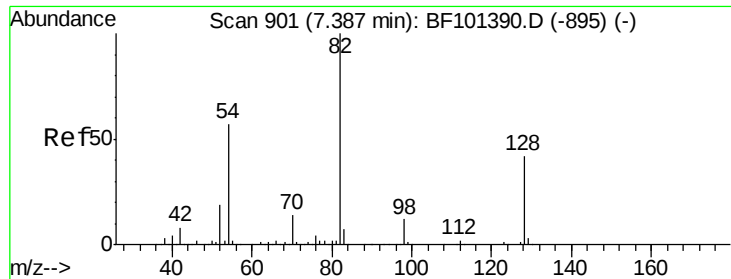
Sohil
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#22
Acetophenone
Concen: 34.894 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	388491		
71	8.9	4.4	6.6#	
51	29.7	22.3	33.5	
120	21.6	16.9	25.3	





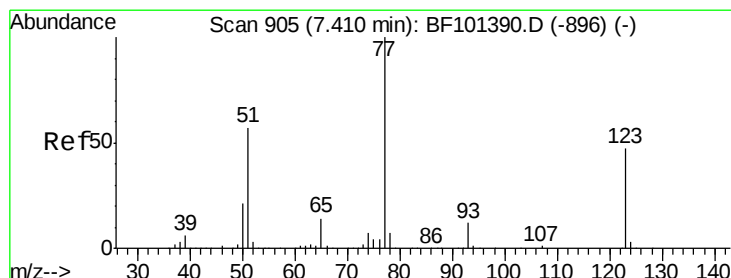
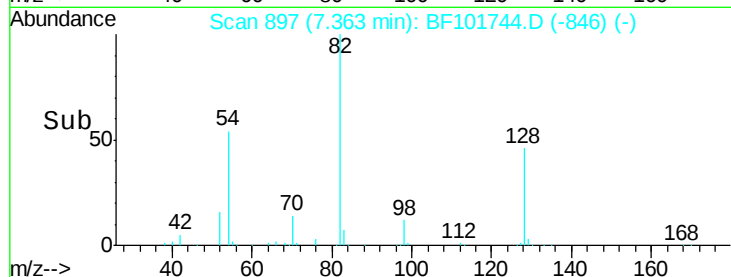
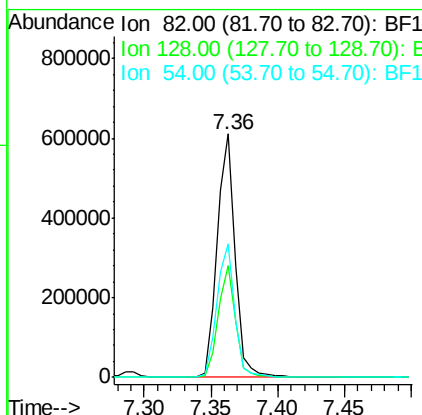
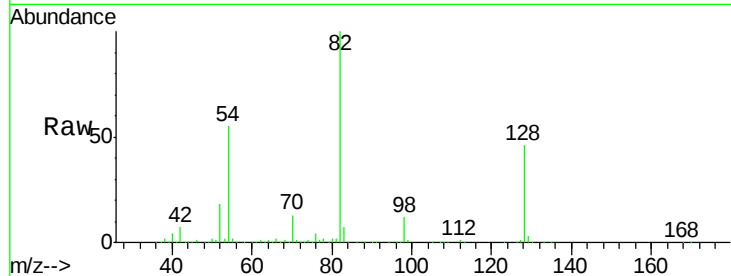
#23
Nitrobenzene-d5
Concen: 66.516 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.8	36.1	54.1
54	54.8	41.4	62.2

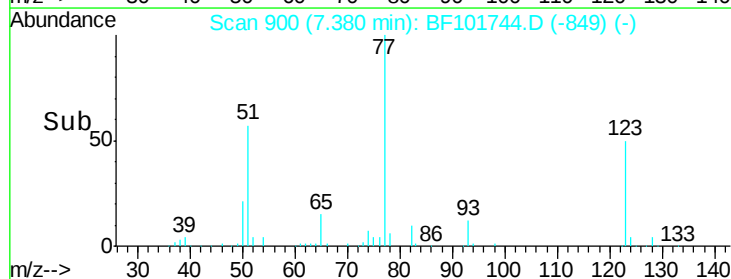
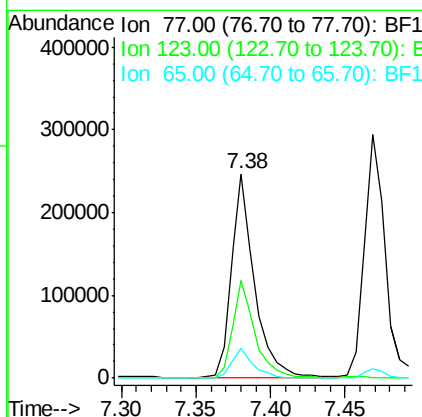
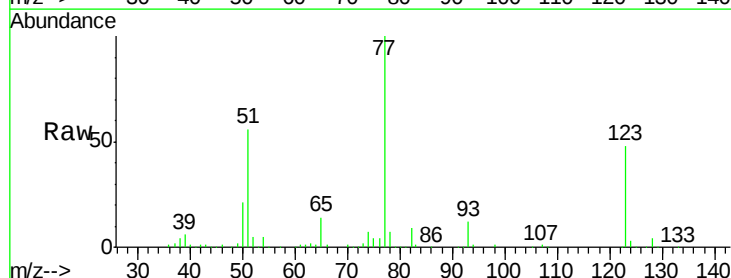
Manual Integrations
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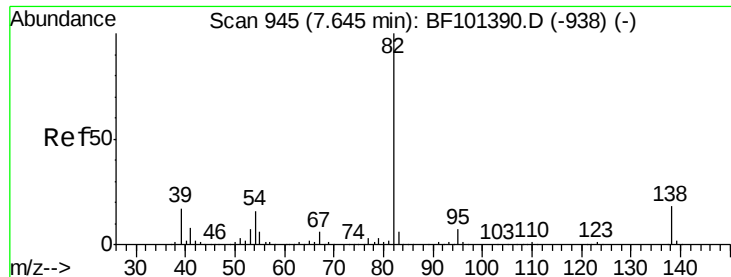
Sohil
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#24
Nitrobenzene
Concen: 27.616 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	47.8	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 31.295 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

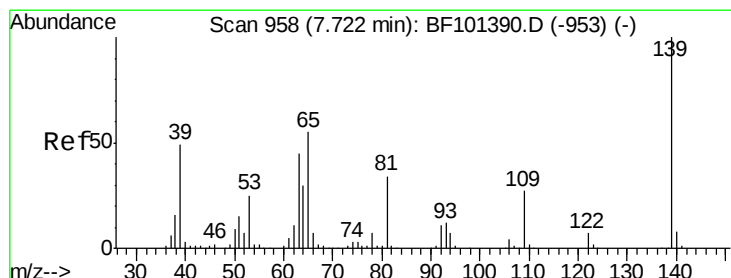
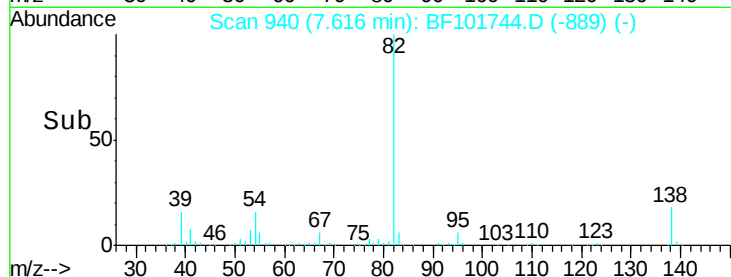
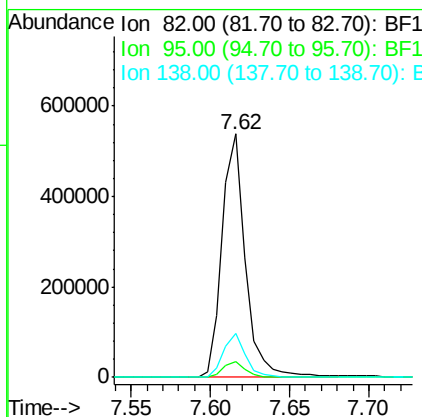
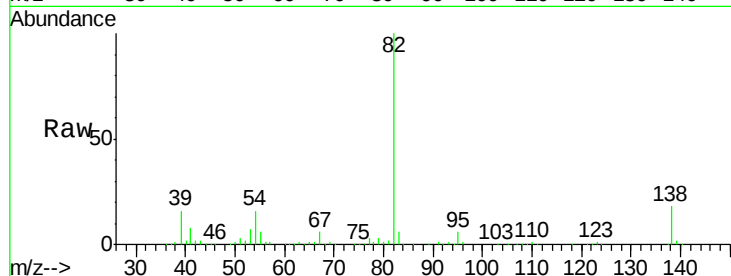
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	82	Resp:	550287
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.464 ng

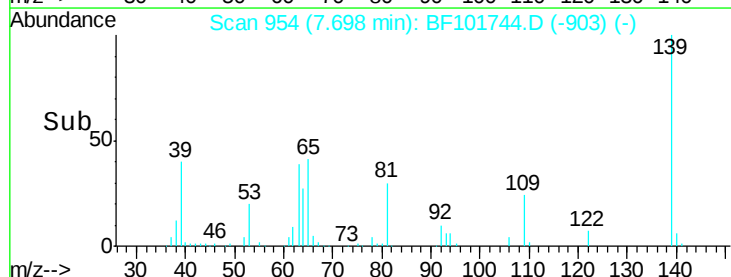
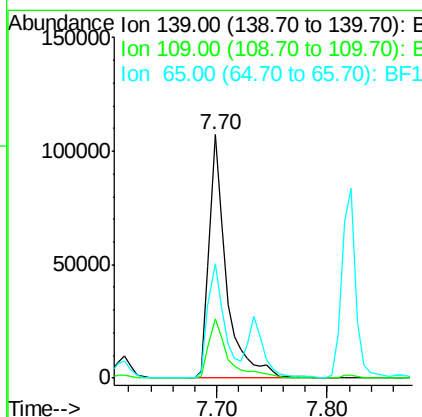
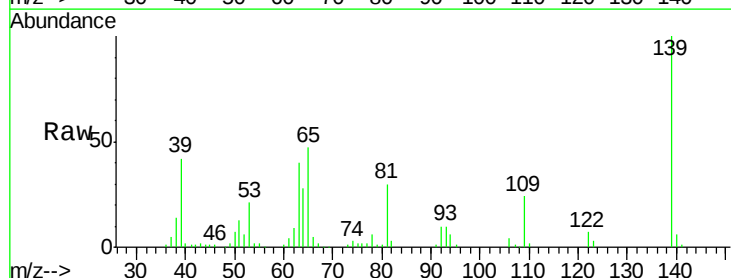
RT: 7.70 min Scan# 954

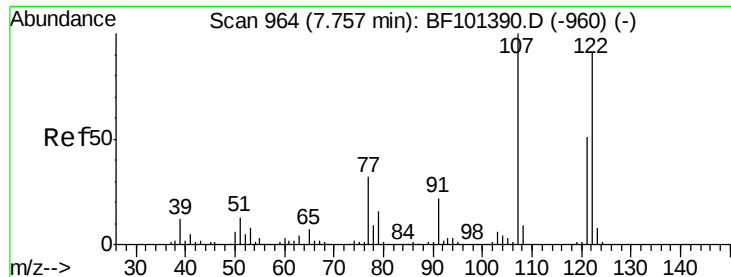
Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	139	Resp:	114463
Ion Ratio		Lower	Upper
139	100		
109	24.4	22.7	34.1
65	46.9	40.5	60.7





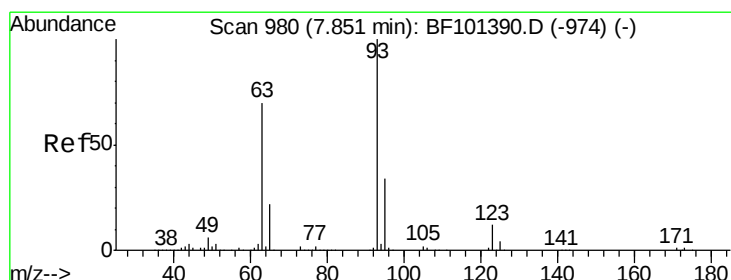
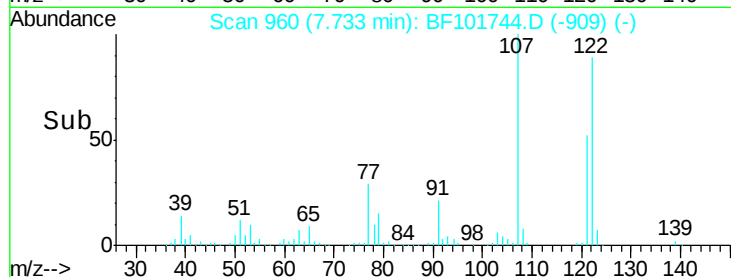
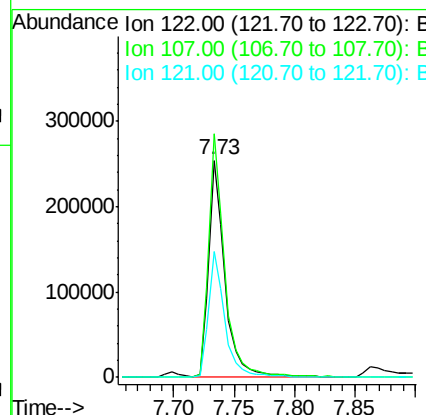
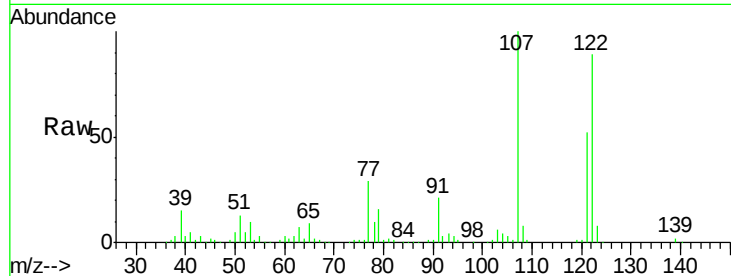
#27
2,4-Dimethylphenol
Concen: 33.418 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	236613		
107	112.2	91.2	136.8	
121	58.0	47.2	70.8	

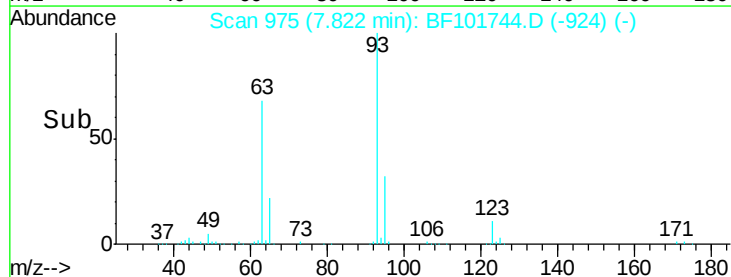
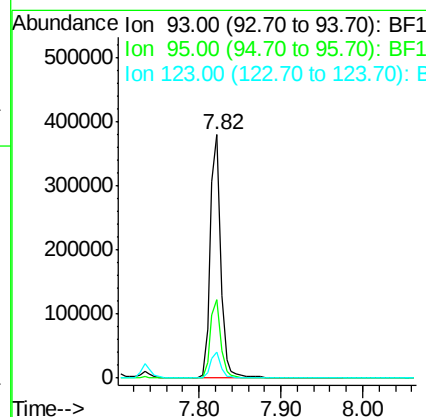
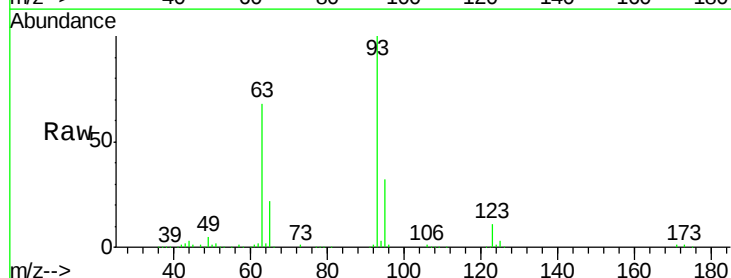
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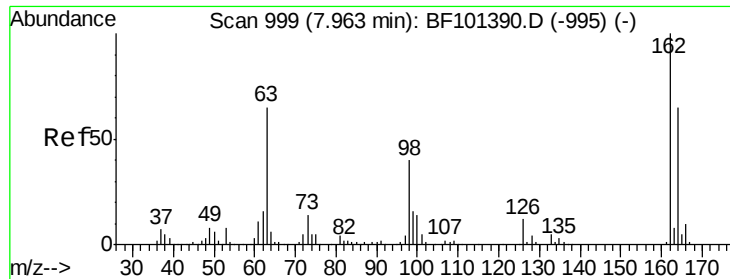
Sohil
12/27/2017 4:15:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 30.493 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	340594		
95	32.4	26.3	39.5	
123	10.7	9.8	14.6	





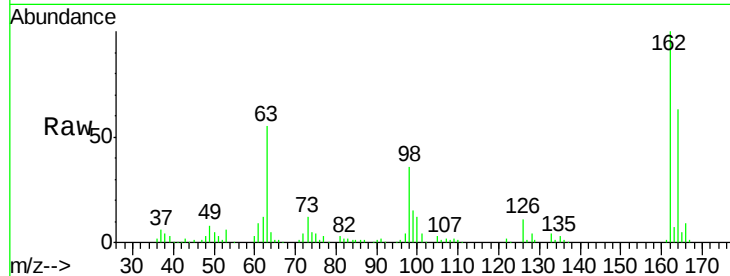
#29
2,4-Dichlorophenol
Concen: 30.464 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

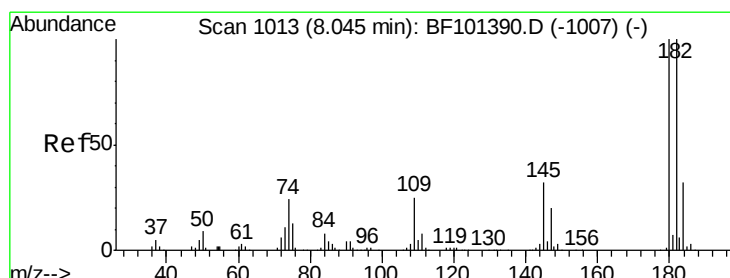
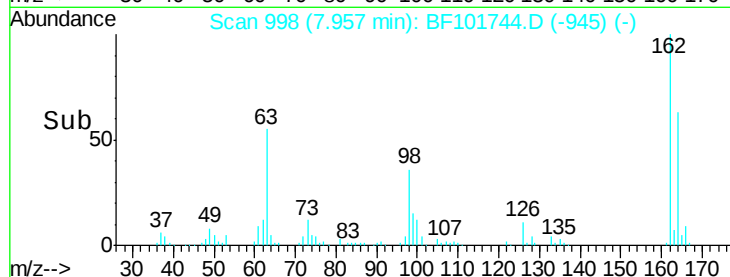
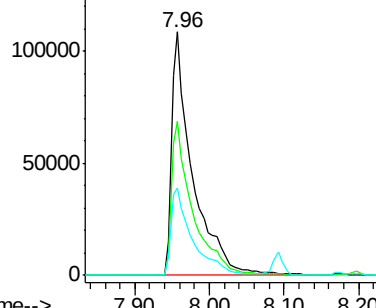
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	213096		
164	63.4	42.7	82.7	
98	35.7	18.1	58.1	

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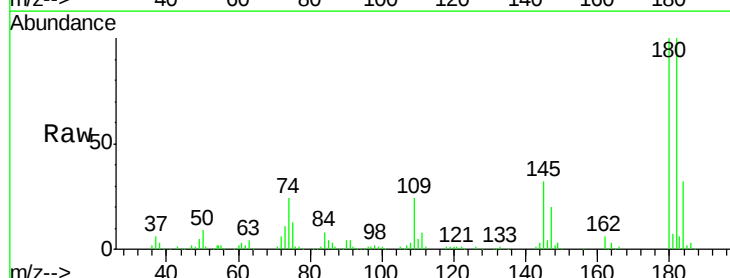


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

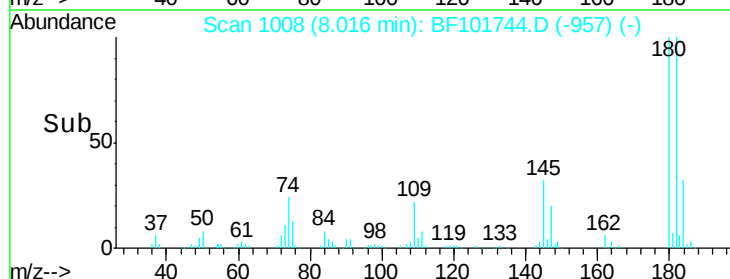
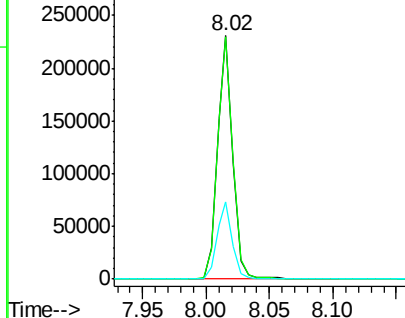


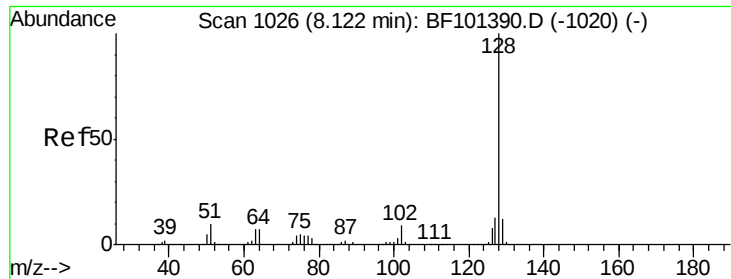
#30
1,2,4-Trichlorobenzene
Concen: 26.372 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194679		
182	99.6	76.8	115.2	
145	31.5	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





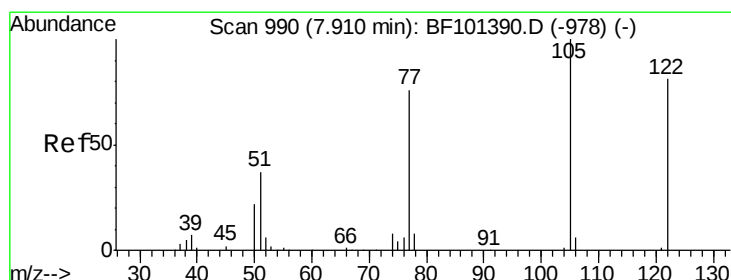
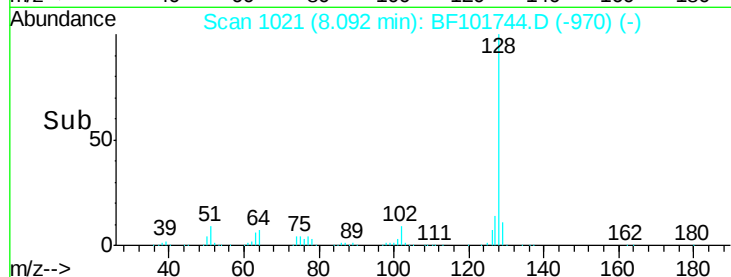
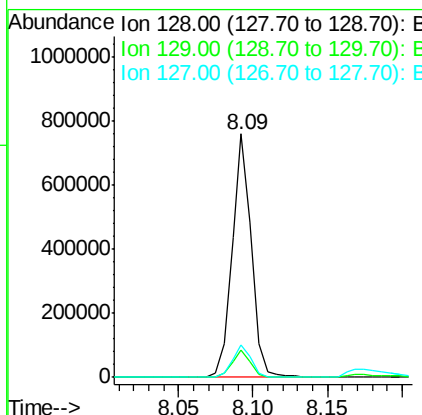
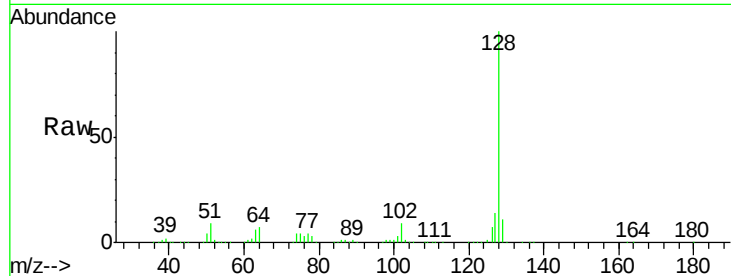
#31
Naphthalene
Concen: 28.049 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	688987		
129	11.1	8.8	13.2	
127	13.5	10.9	16.3	

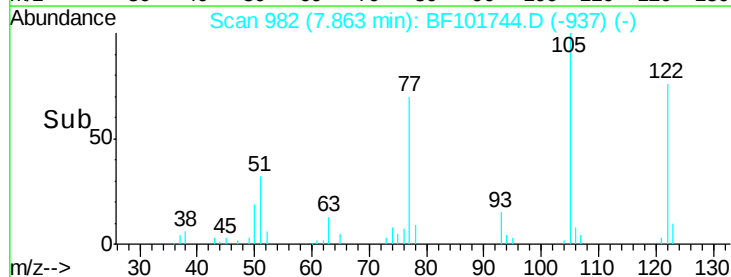
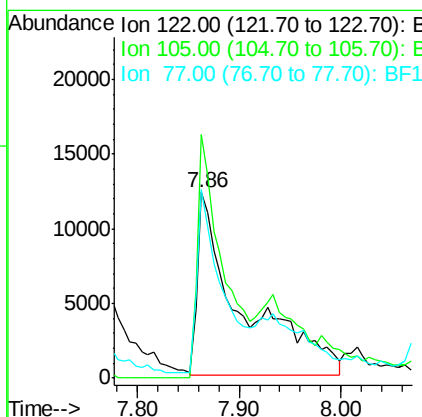
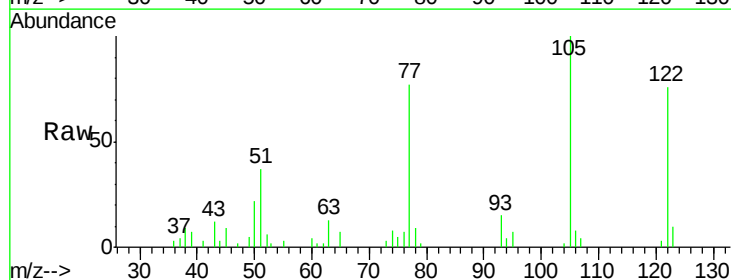
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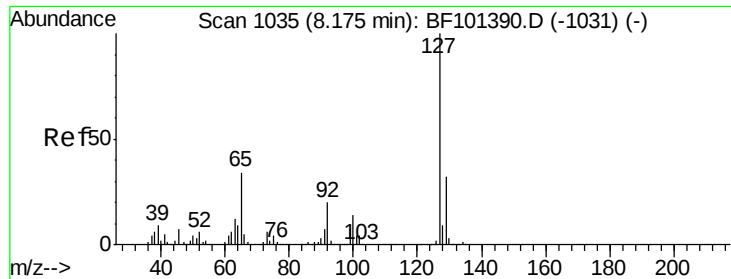
Sohil
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#32
Benzoic acid
Concen: 14.467 ng m
RT: 7.86 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	37212		
105	131.1	101.1	141.1	
77	101.5	70.7	110.7	





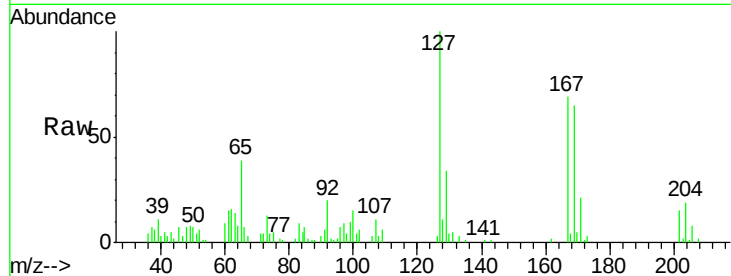
#33
4-Chloroaniline
Concen: 5.380 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	39.2	25.0	37.4
92	19.9	15.2	22.8

Manual Integrations
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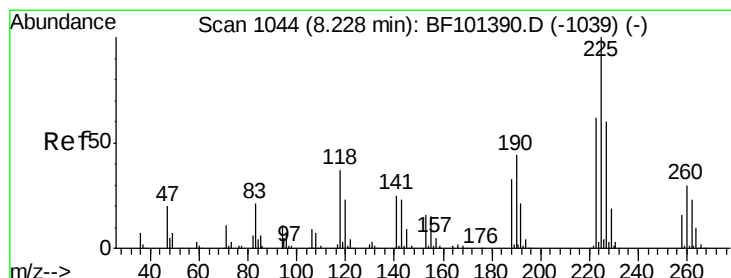
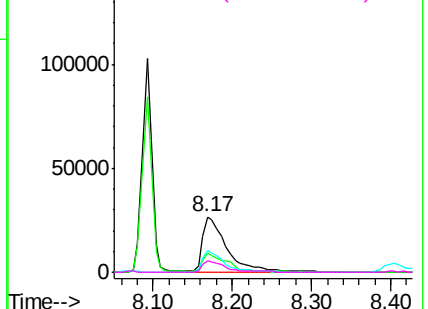
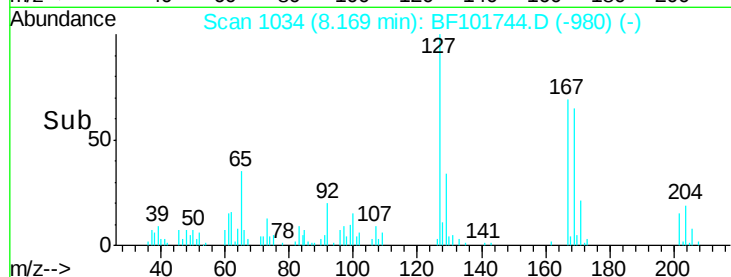
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

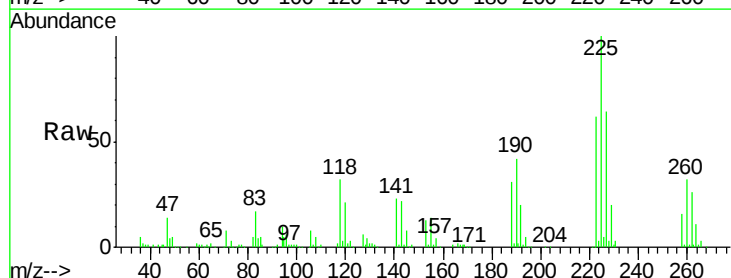
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 25.937 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	64.1	51.9	77.9

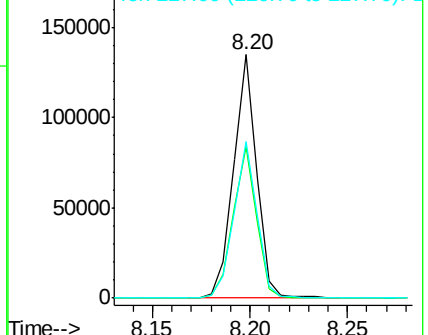
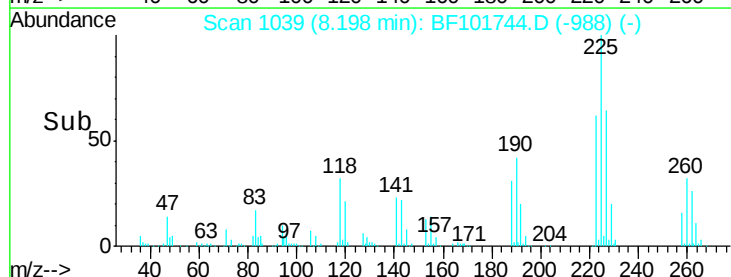


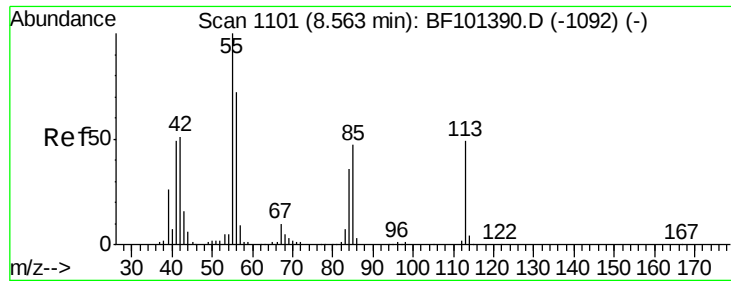
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





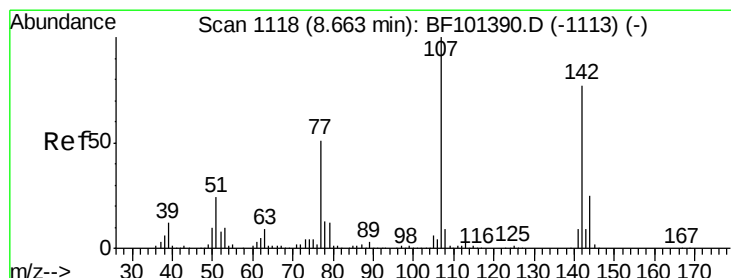
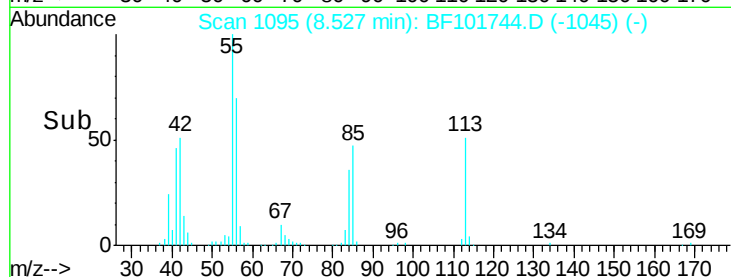
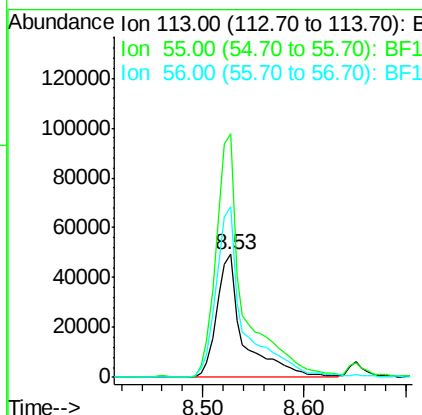
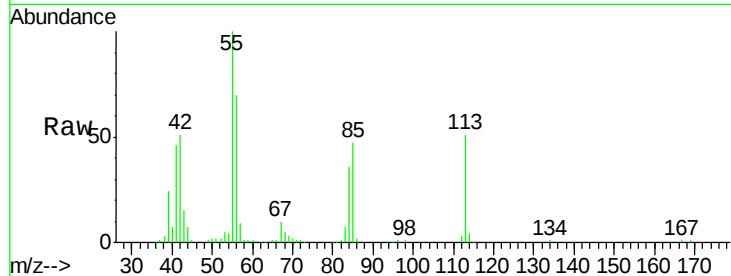
#35
 Caprolactam
 Concen: 37.381 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion:113 Resp: 90795
 Ion Ratio Lower Upper
 113 100
 55 197.6 163.3 203.3
 56 138.2 115.7 155.7

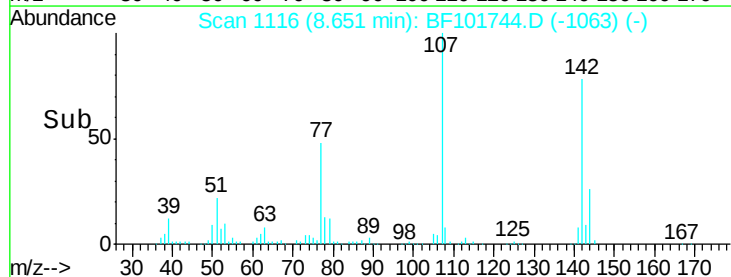
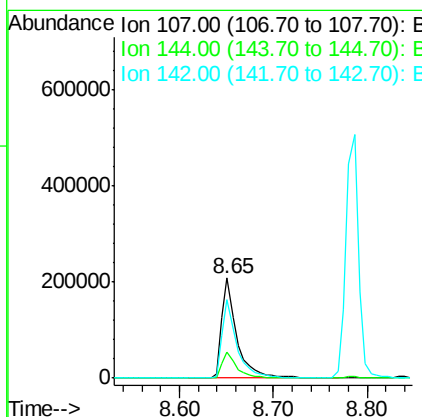
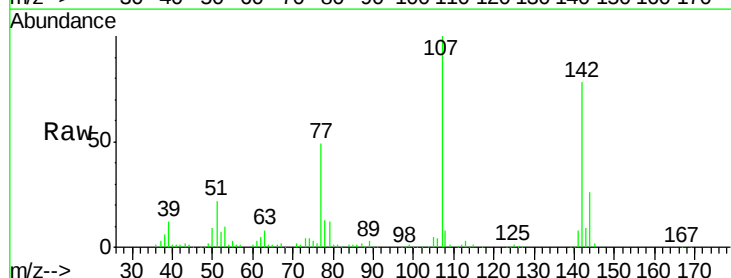
Manual Integrations
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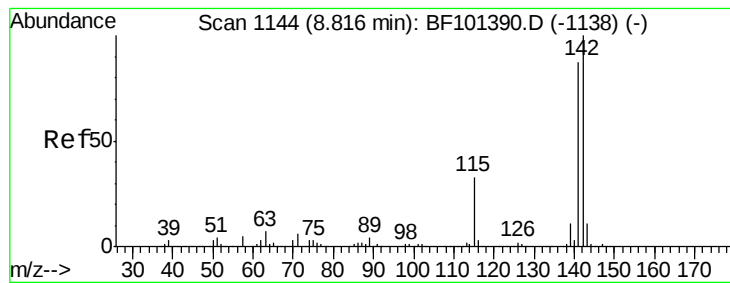
Sohil
 12/27/2017 4:15:25 PM



#36
 4-Chloro-3-methylphenol
 Concen: 30.140 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion:107 Resp: 231731
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 78.2 62.0 93.0





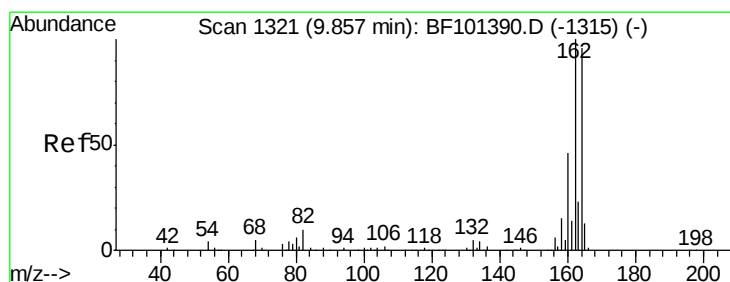
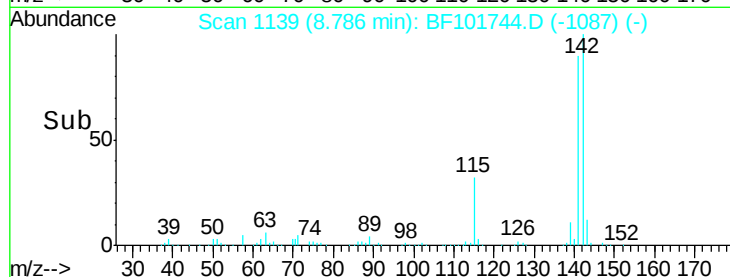
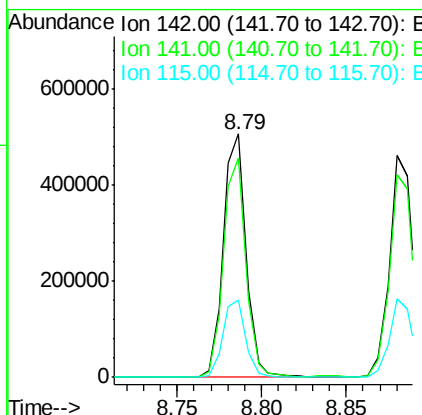
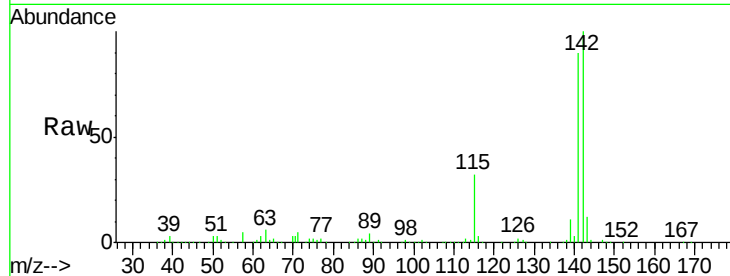
#37
2-Methylnaphthalene
Concen: 29.416 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	31.7	26.1	39.1

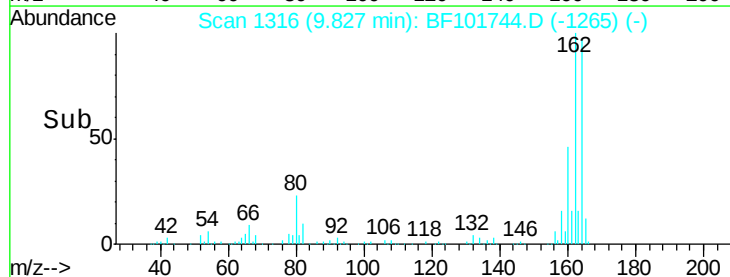
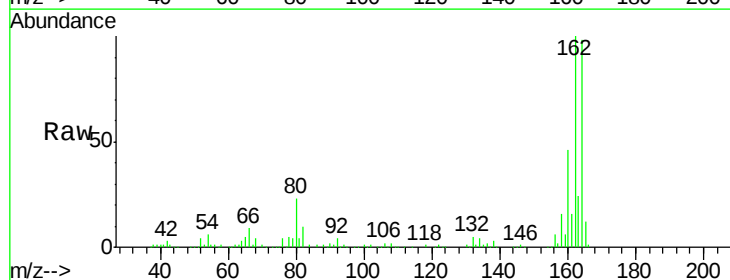
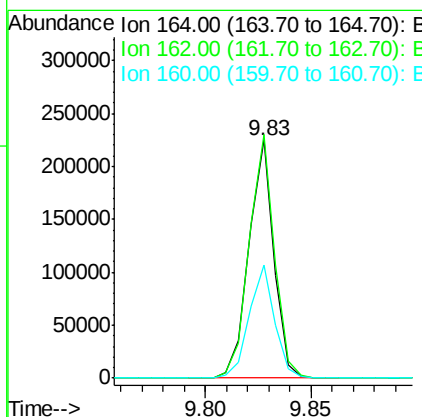
Manual Integrations
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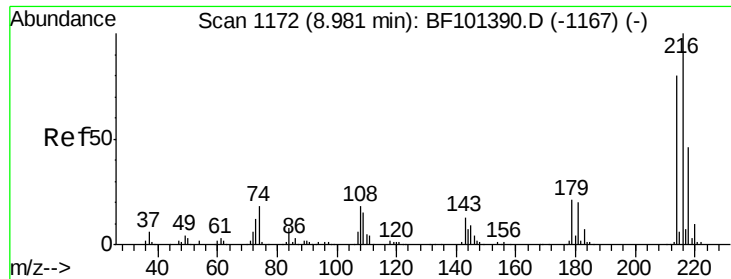
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.2	38.3	57.5





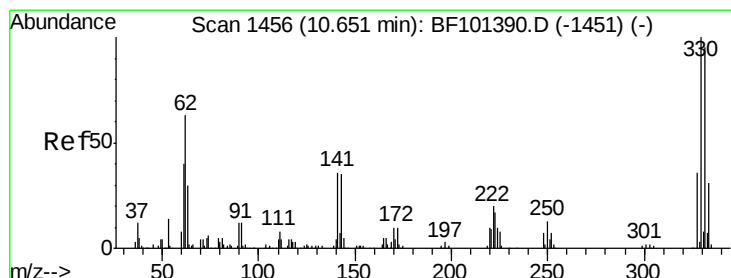
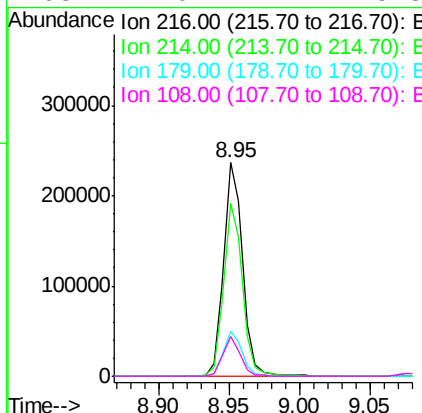
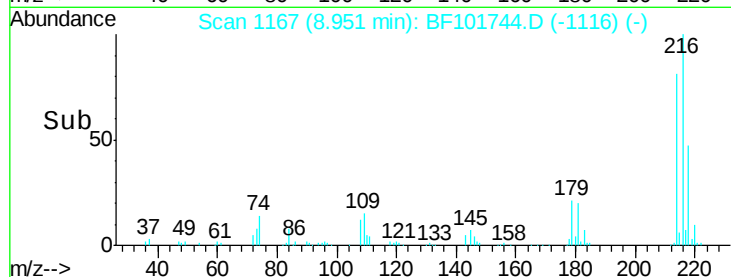
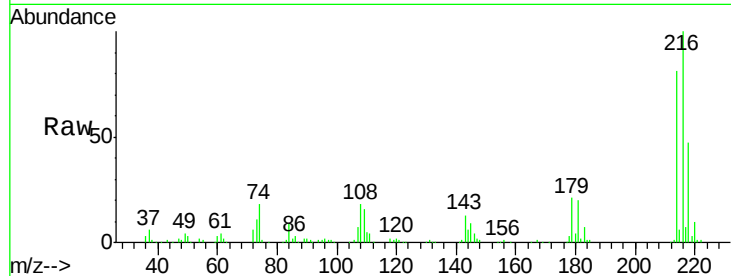
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.488 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	221712		
214	79.9	63.0	94.4	
179	20.7	18.1	27.1	
108	17.0	17.2	25.8	

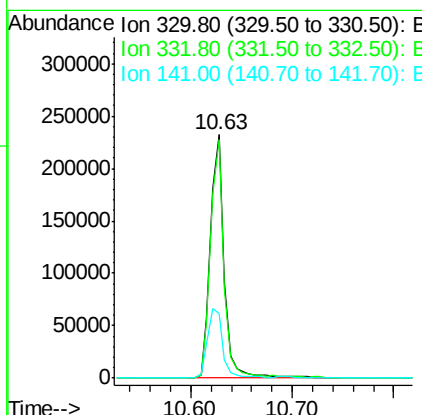
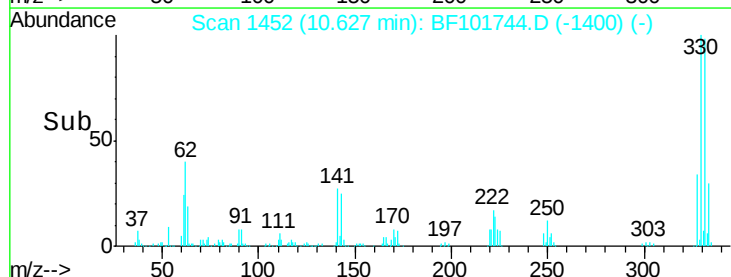
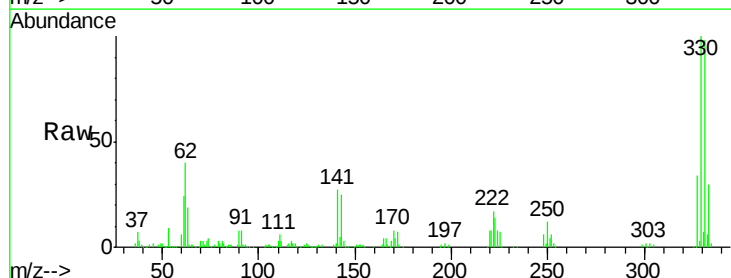
Manual Integrations
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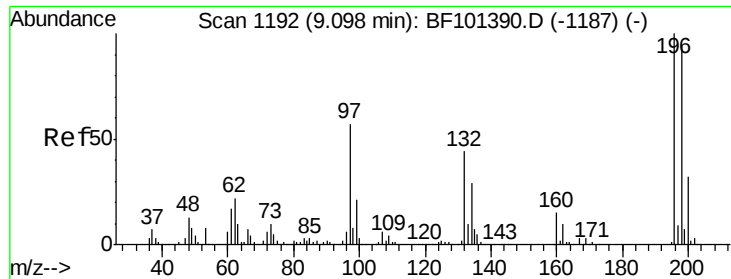
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#41
 2,4,6-Tribromophenol
 Concen: 124.514 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	222011		
332	95.6	77.0	115.6	
141	31.3	29.9	44.9	





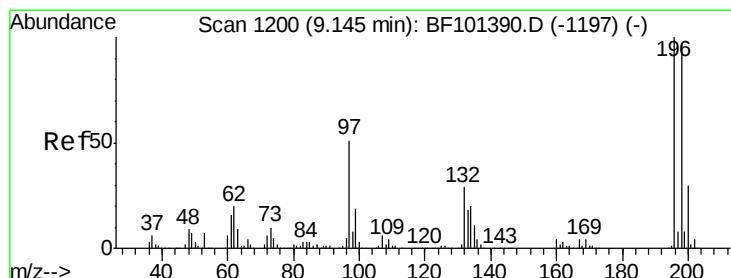
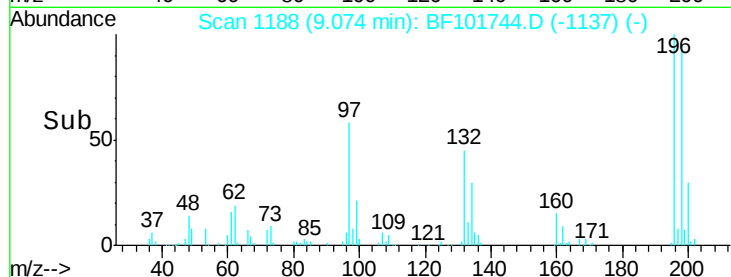
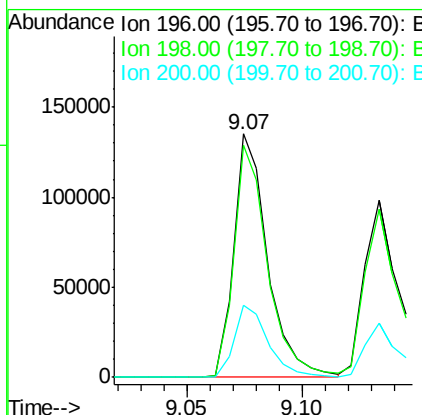
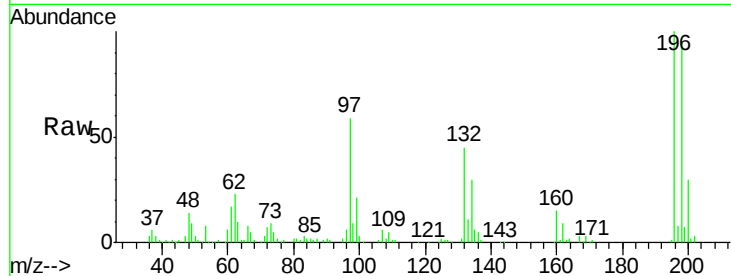
#42
 2,4,6-Trichlorophenol
 Concen: 36.640 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion:	196	Resp:	137810
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.7	113.5
200	29.8	24.5	36.7

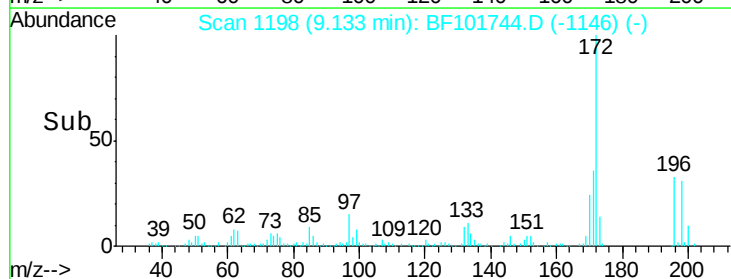
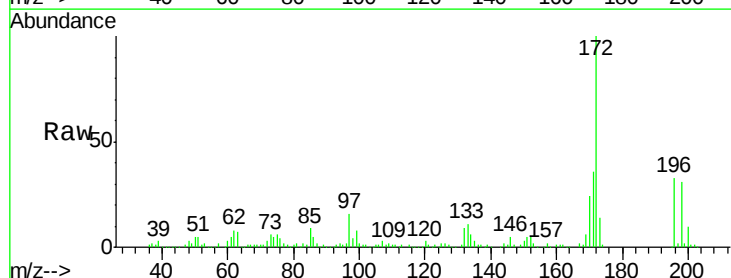
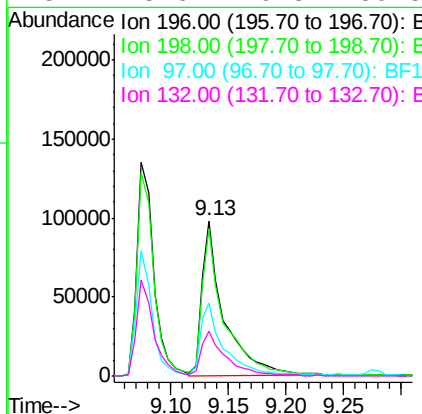
Manual Integrations
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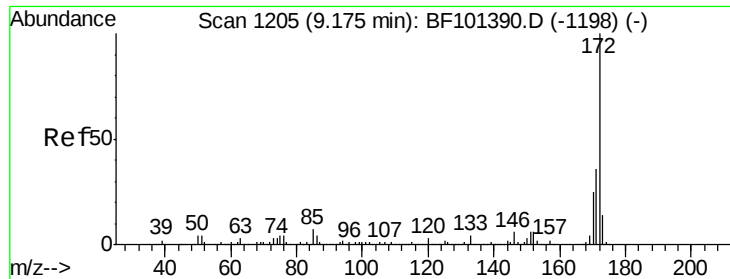
Sohil
 12/27/2017 4:15:25 PM



#43
 2,4,5-Trichlorophenol
 Concen: 31.939 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion:	196	Resp:	131530
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.6	112.0
97	47.1	42.9	64.3
132	28.6	26.3	39.5





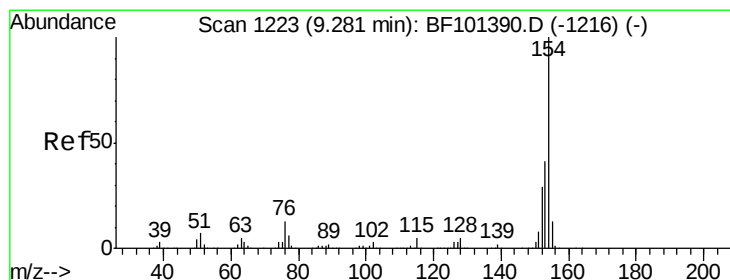
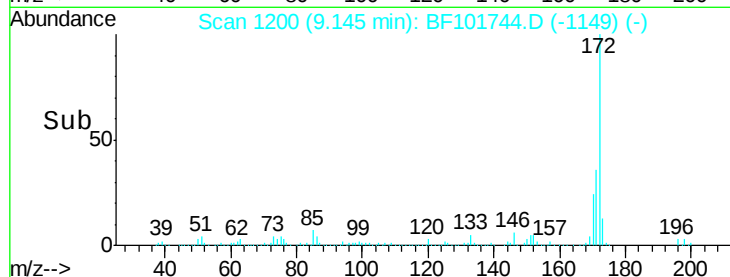
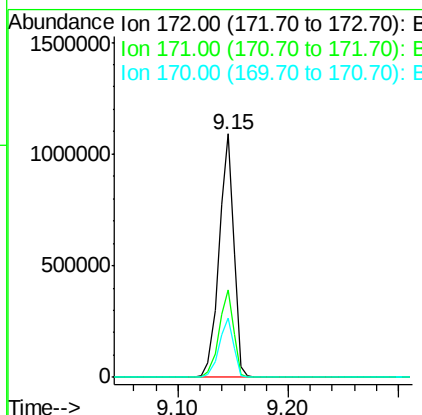
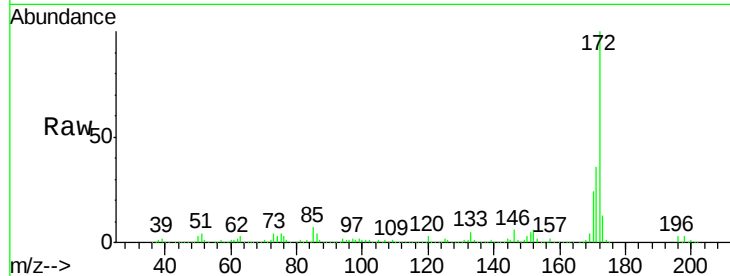
#44
2-Fluorobiphenyl
Concen: 84.525 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion:172 Resp: 1008260
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.2 19.6 29.4

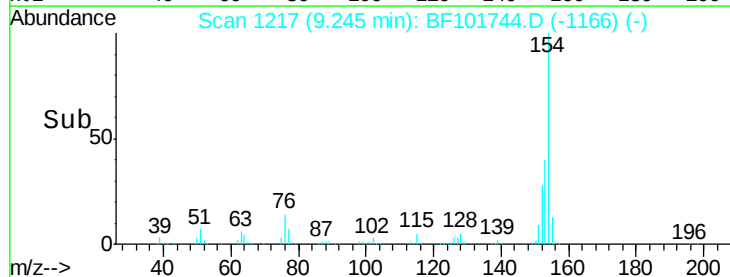
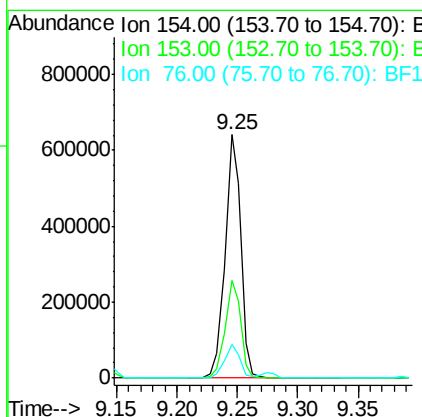
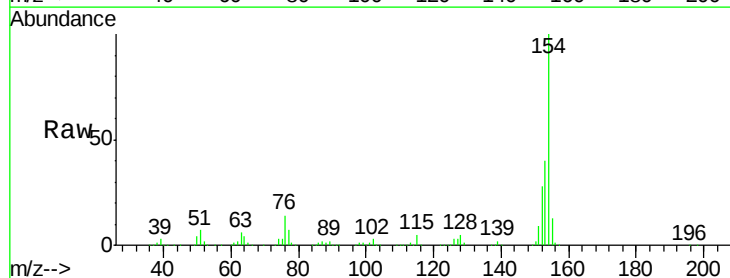
Manual Integrations
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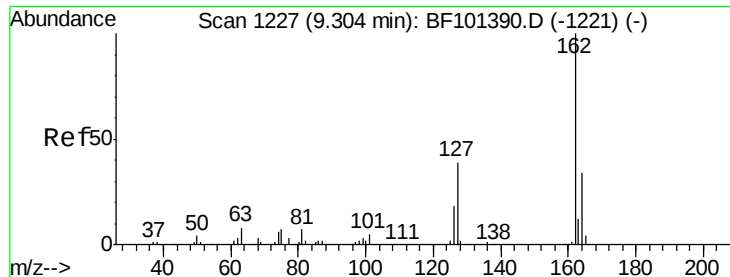
Sohil
12/27/2017 4:15:25 PM



#45
1,1'-Biphenyl
Concen: 35.176 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion:154 Resp: 577251
Ion Ratio Lower Upper
154 100
153 40.3 21.3 61.3
76 14.1 0.0 34.0





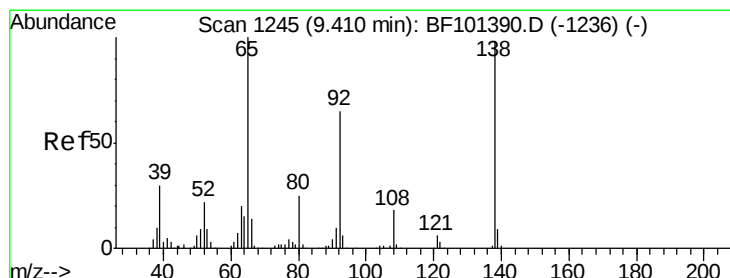
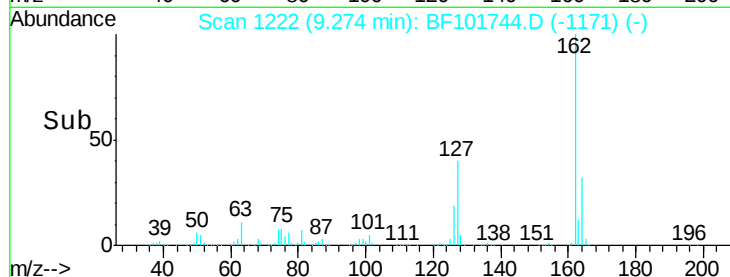
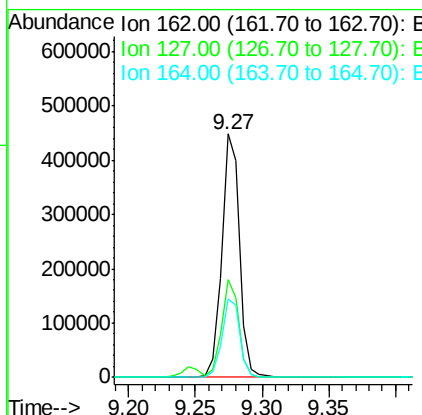
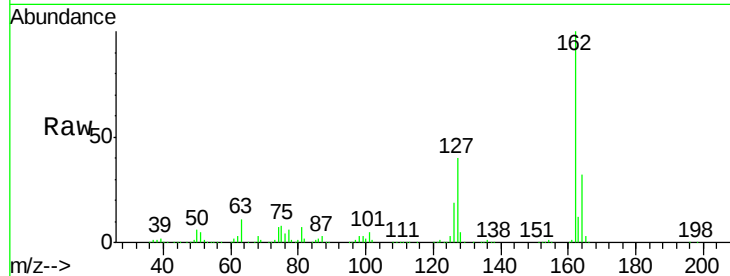
#46
 2-Chloronaphthalene
 Concen: 33.528 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	420998		
127	40.0	33.9	50.9	
164	32.0	26.5	39.7	

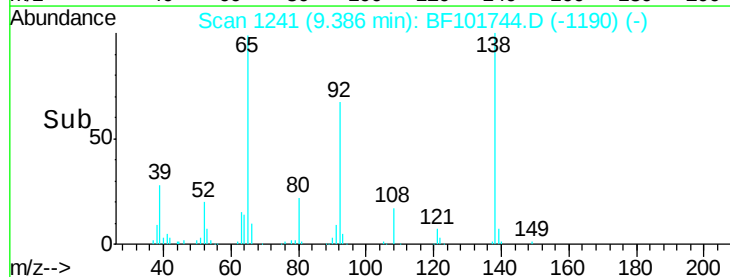
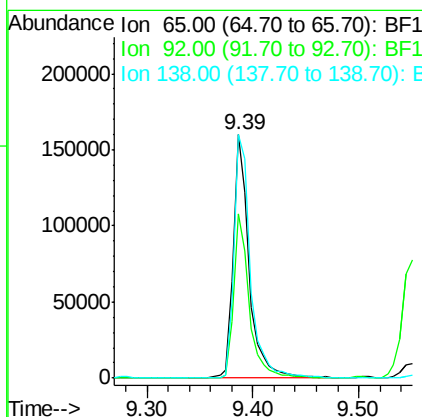
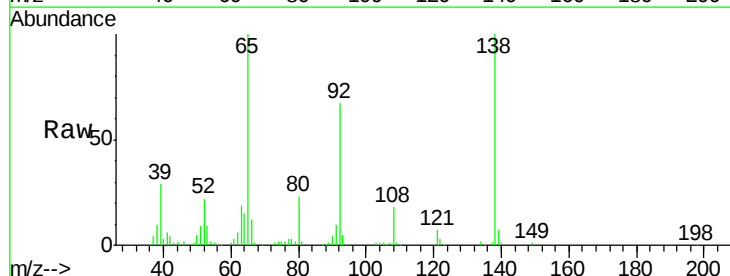
Manual Integrations
 APPROVED

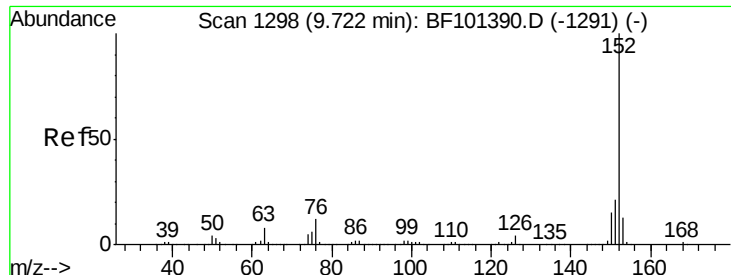
Sohil
 12/27/2017 4:15:25 PM



#47
 2-Nitroaniline
 Concen: 37.737 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	163690		
92	67.4	55.8	83.6	
138	100.2	91.2	136.8	





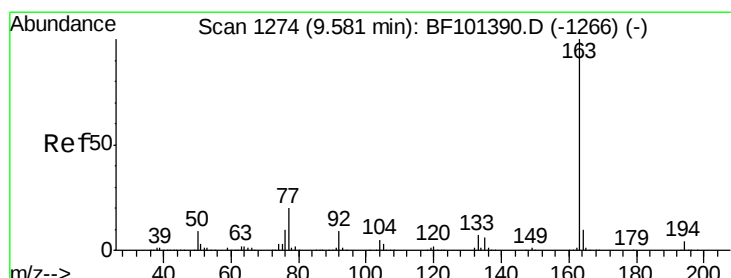
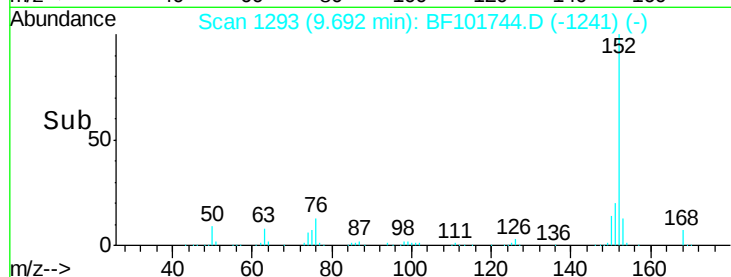
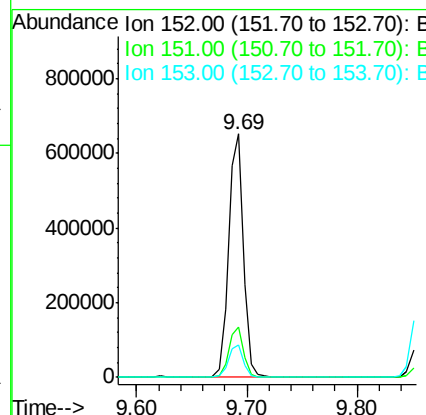
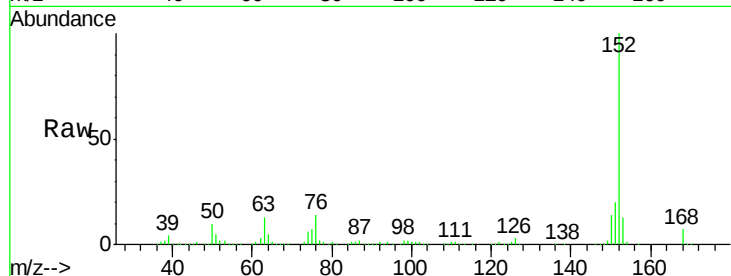
#48
 Acenaphthylene
 Concen: 30.818 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1

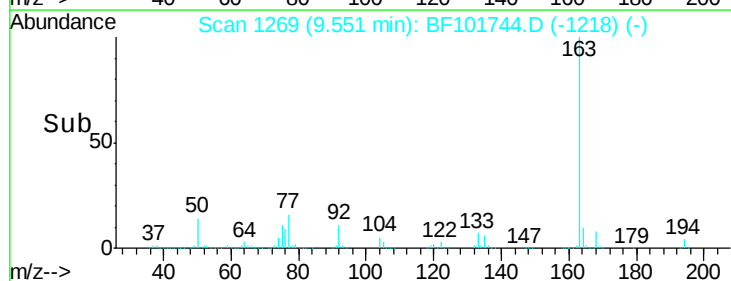
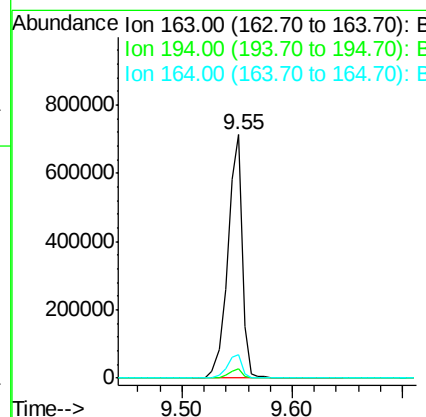
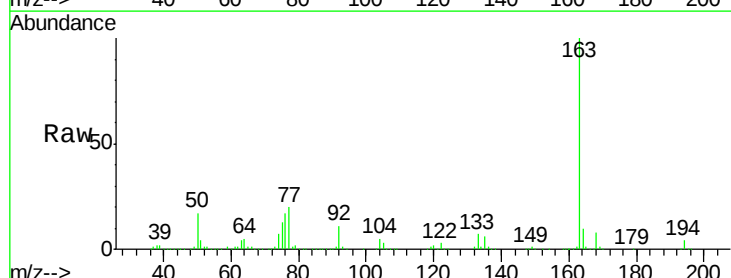
Manual Integrations
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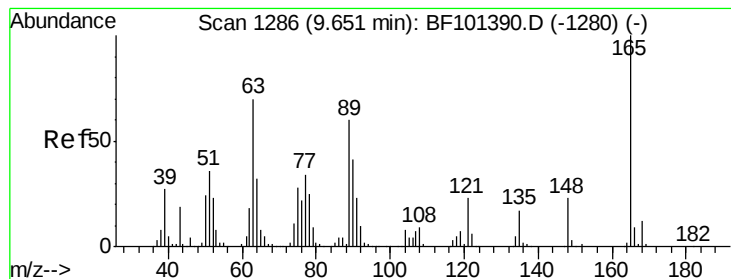
Sohil
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#49
 Dimethylphthalate
 Concen: 43.601 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	2.7	4.1
164	9.6	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 35.598 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

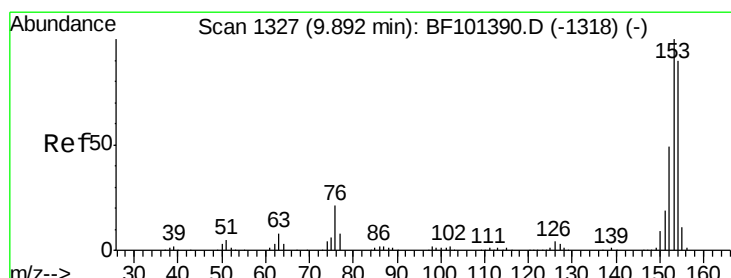
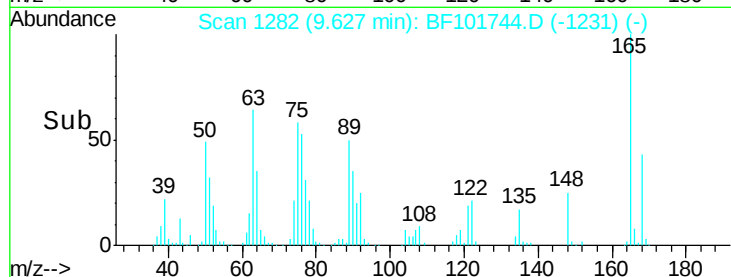
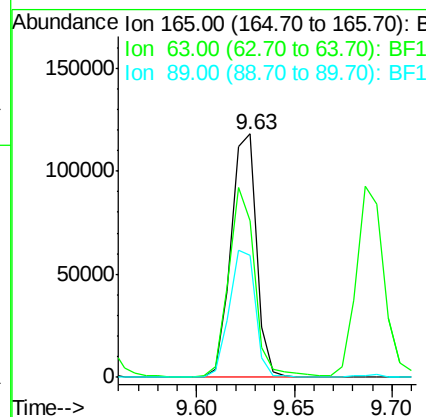
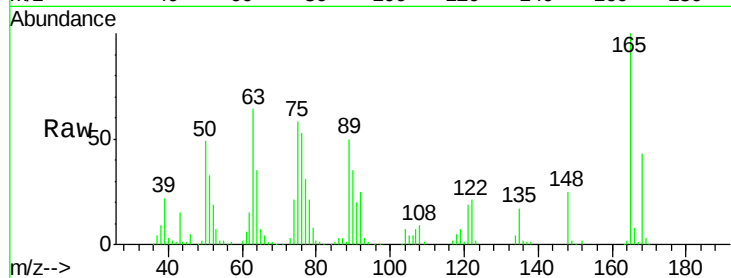
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	165	Resp:	107686
Ion Ratio	Lower	Upper	
165	100		
63	64.5	44.7	67.1
89	50.3	44.0	66.0

Manual Integrations
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#51

Acenaphthene

Concen: 31.569 ng

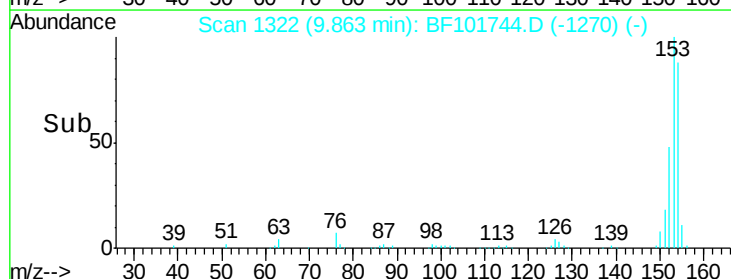
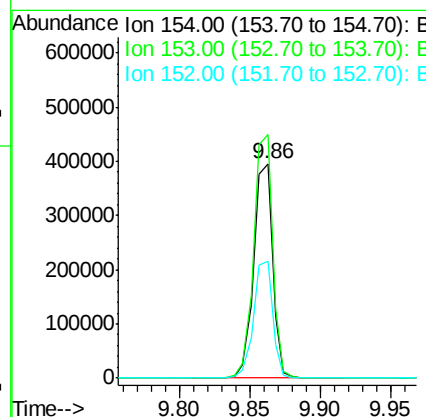
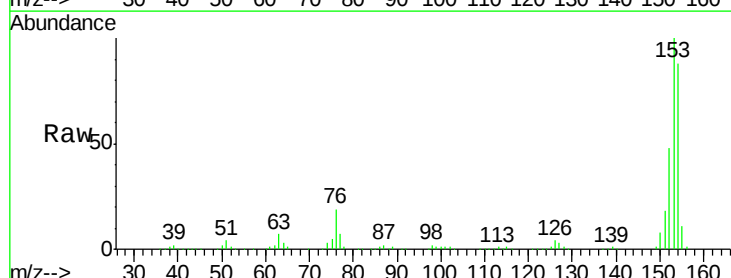
RT: 9.86 min Scan# 1322

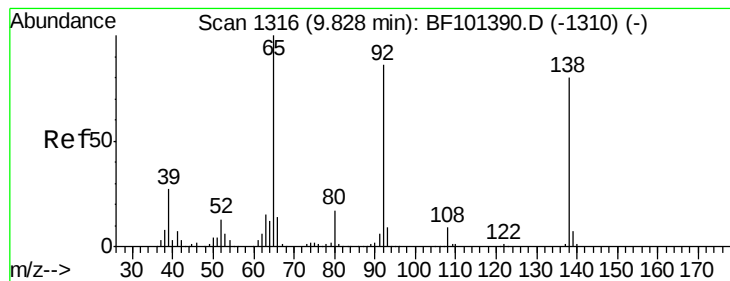
Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	154	Resp:	376157
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.2	136.8
152	54.7	43.8	65.8





#52

3-Nitroaniline

Concen: 21.579 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

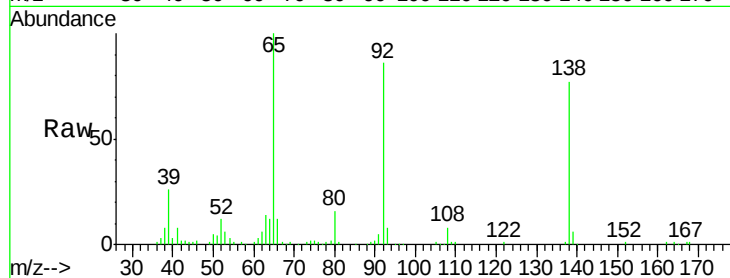
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	138	Resp:	81387
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	111.3	89.4	134.2

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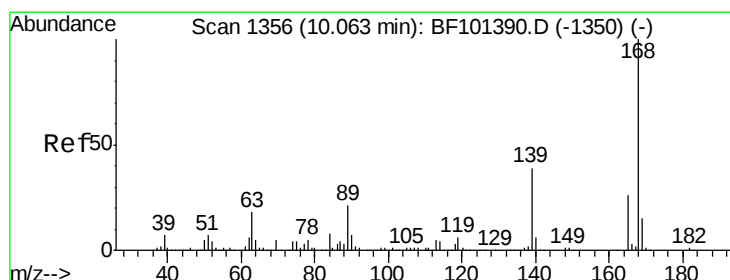
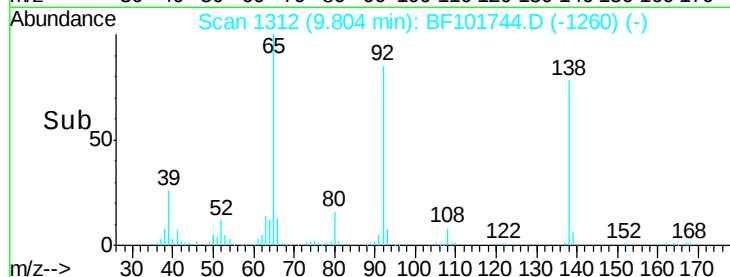
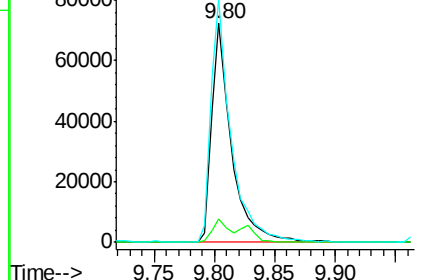
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 36.775 ng

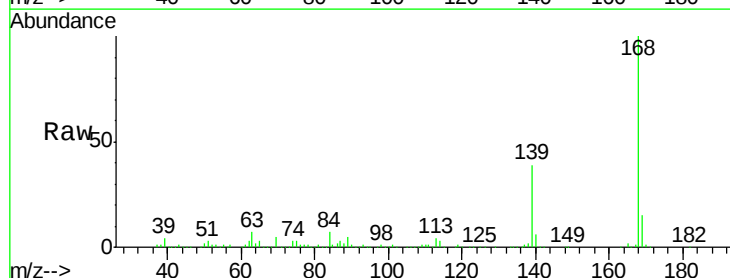
RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

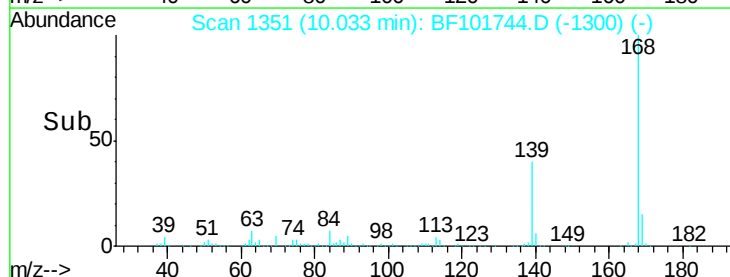
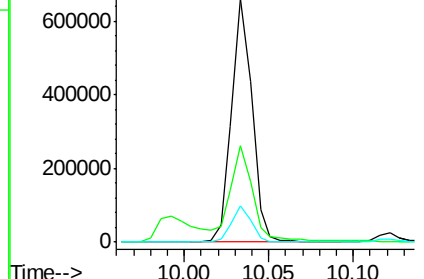
Tgt Ion:	168	Resp:	556867
Ion Ratio	Lower	Upper	
168	100		
139	39.5	30.1	45.1
169	14.7	10.9	16.3

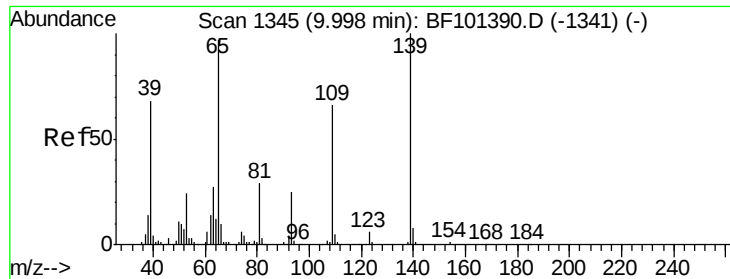


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





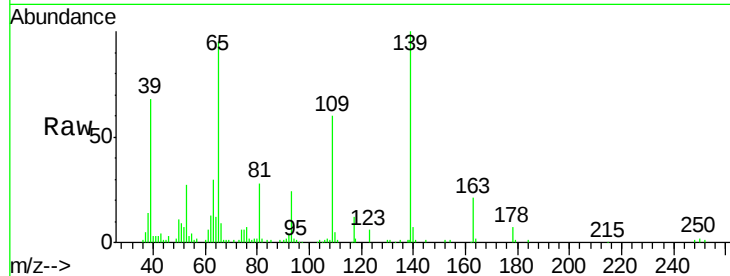
#55
4-Nitrophenol
Concen: 67.960 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

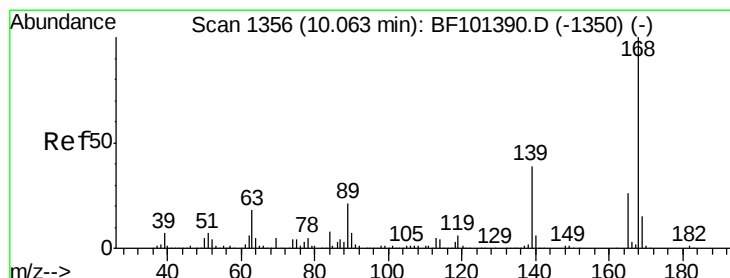
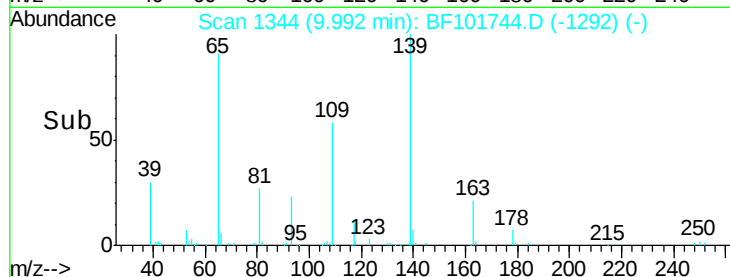
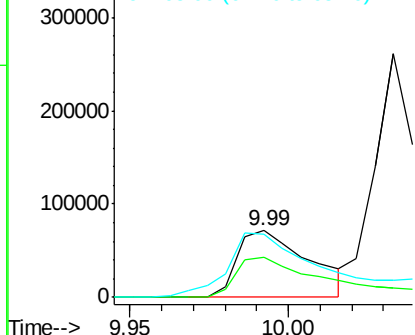
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	111764		
109	60.1	48.4	88.4	
65	95.3	72.6	112.6	

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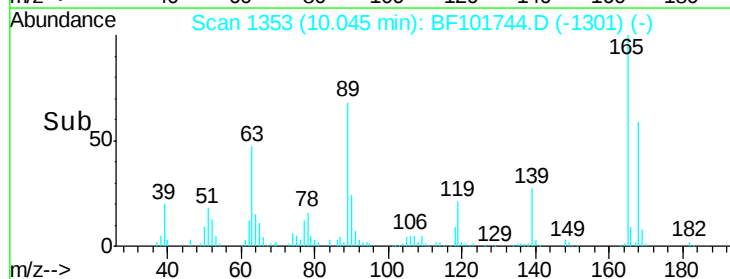
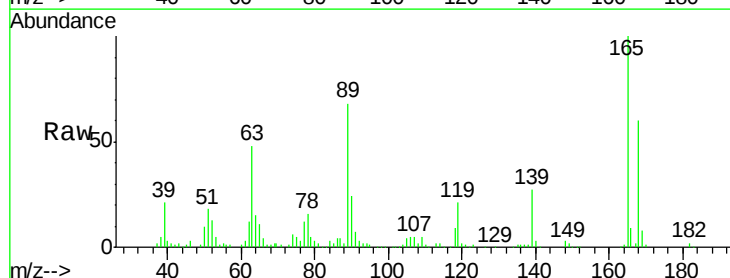
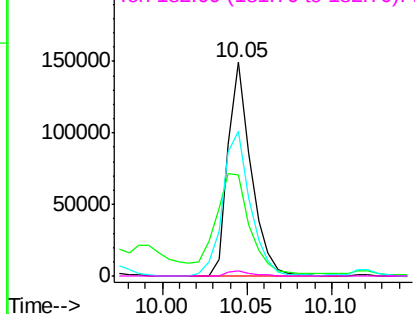
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

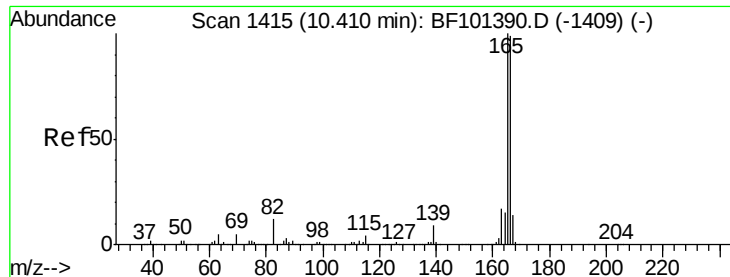


#56
2,4-Dinitrotoluene
Concen: 41.565 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141665		
63	47.6	36.4	54.6	
89	67.8	57.8	86.6	
182	2.4	1.6	2.4#	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.347 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

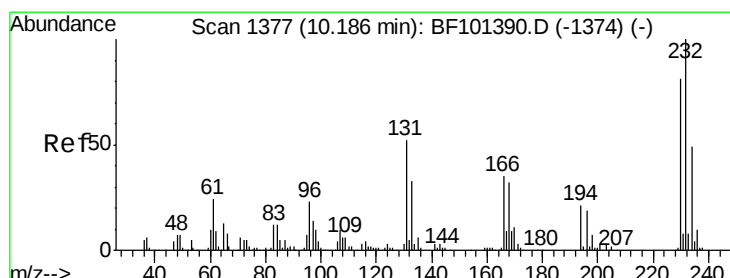
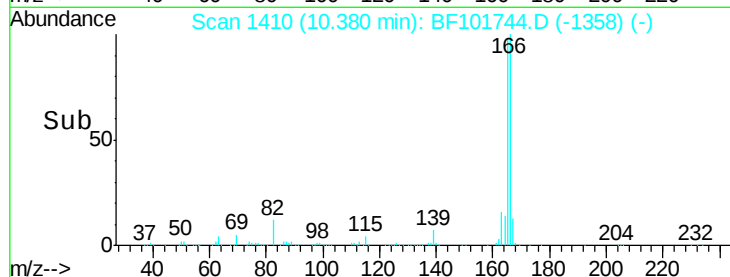
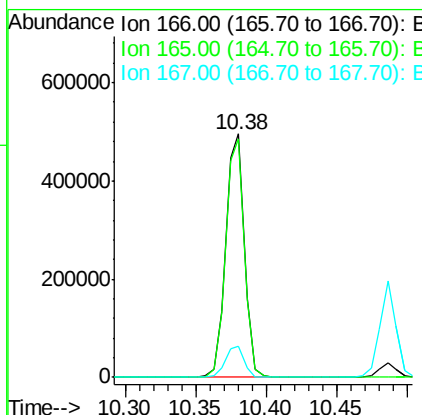
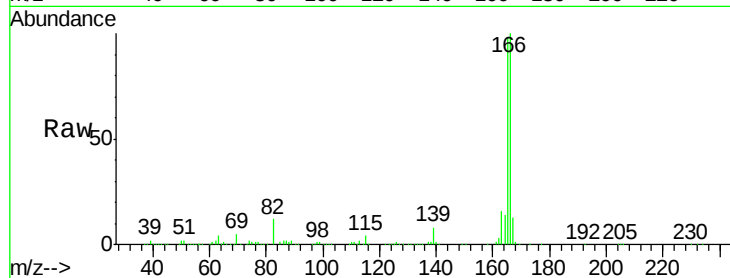
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	166	Resp:	452789
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	13.0	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.009 ng

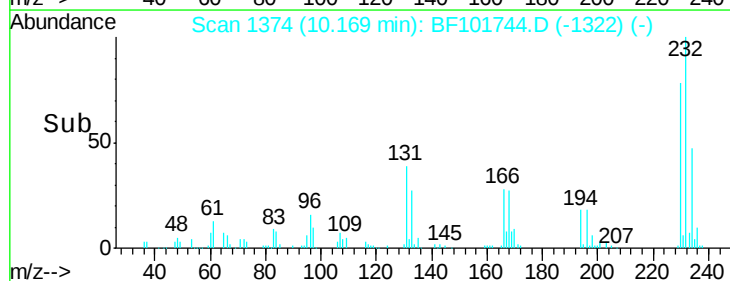
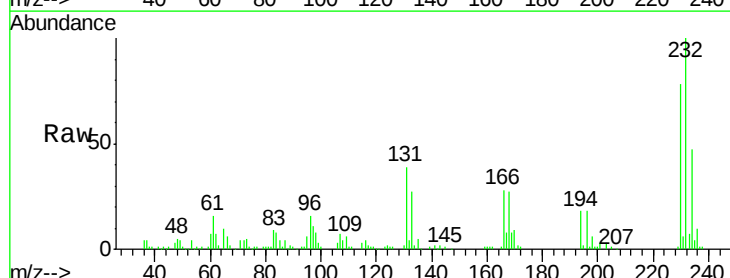
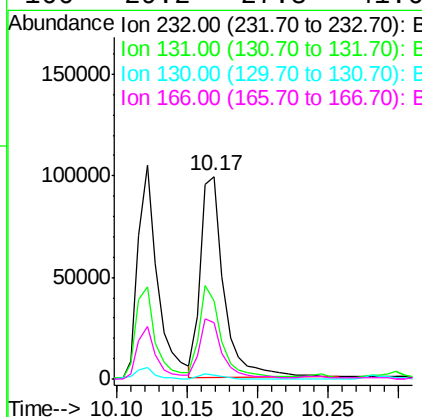
RT: 10.17 min Scan# 1374

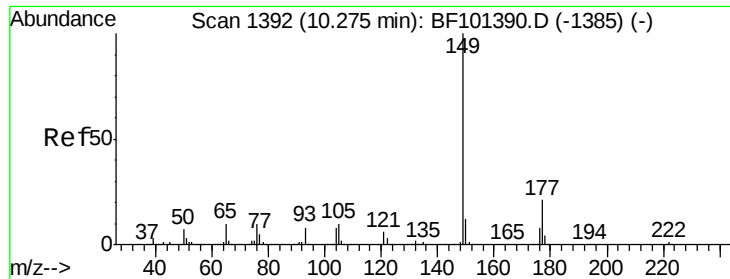
Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	232	Resp:	115419
Ion Ratio	Lower	Upper	
232	100		
131	42.2	43.8	65.8#
130	2.2	2.1	3.1
166	29.2	27.8	41.6





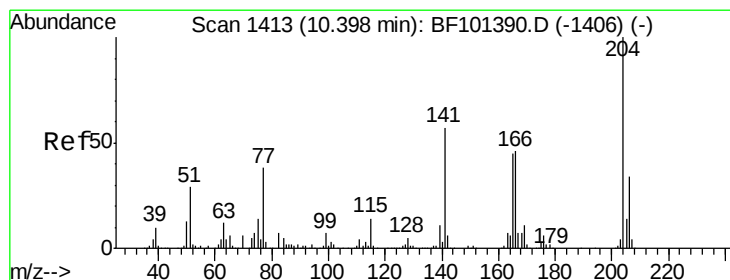
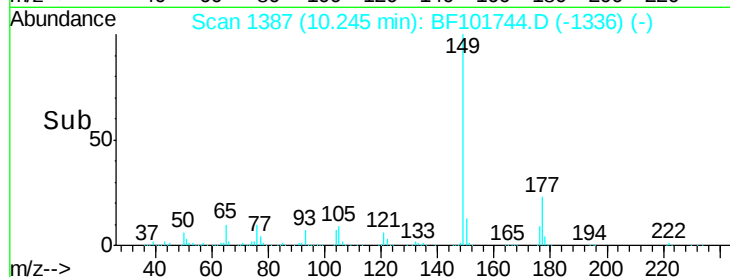
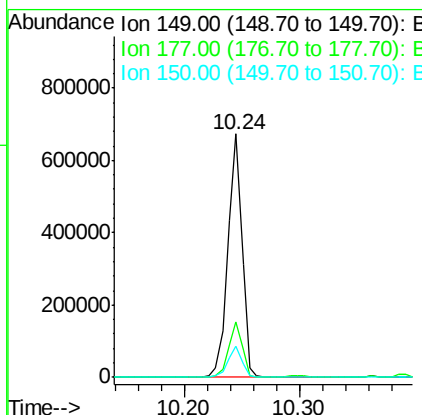
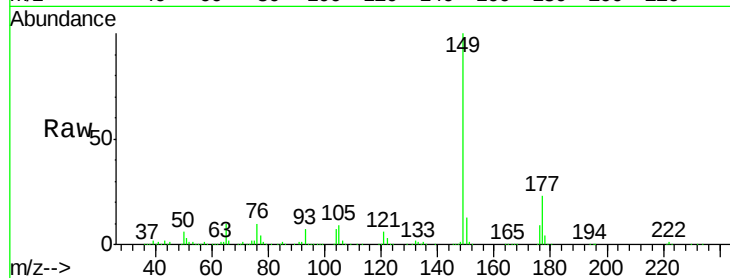
#59
Diethylphthalate
Concen: 38.737 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.5	10.1	15.1

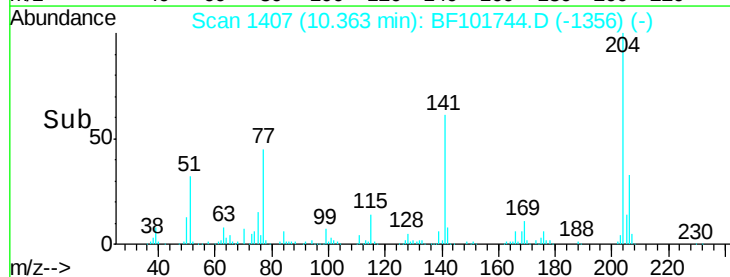
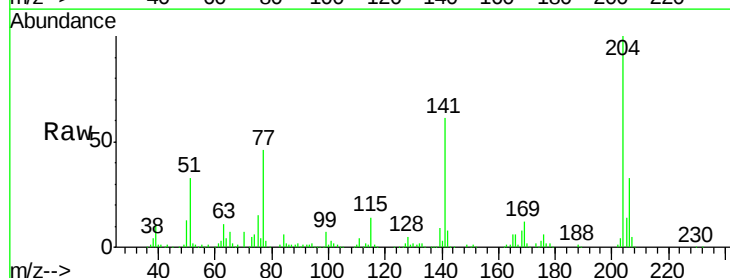
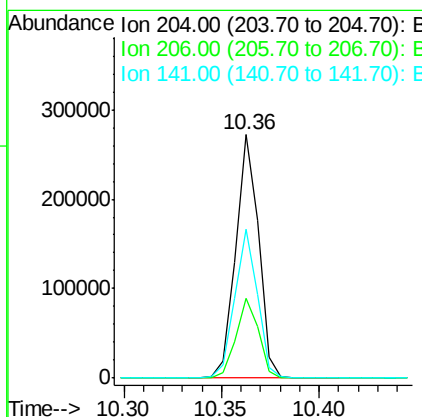
Manual Integrations
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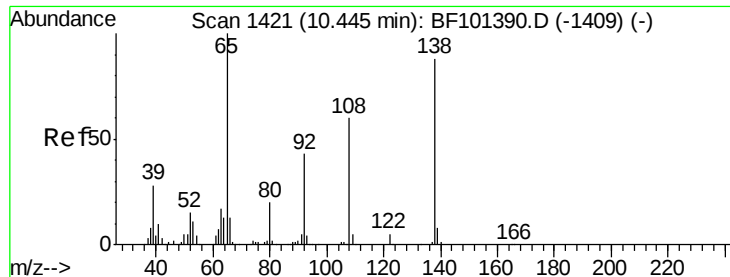
Sohil
12/27/2017 4:15:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.013 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	61.1	54.6	81.8





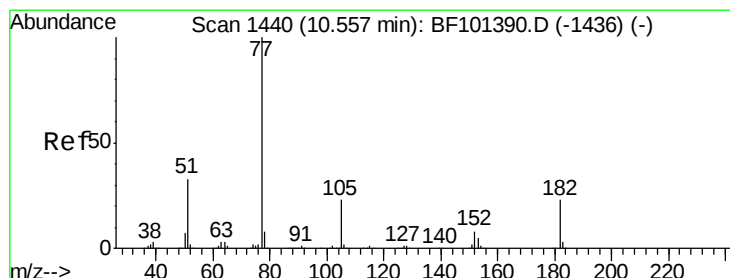
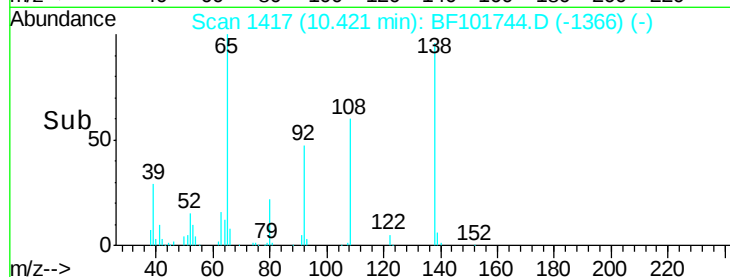
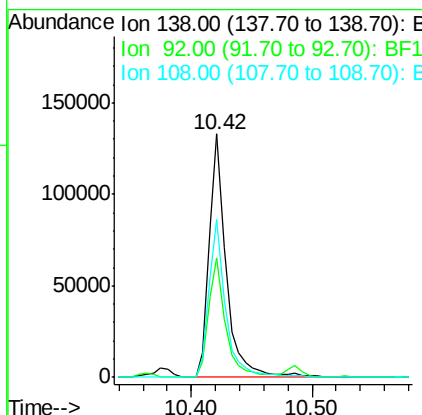
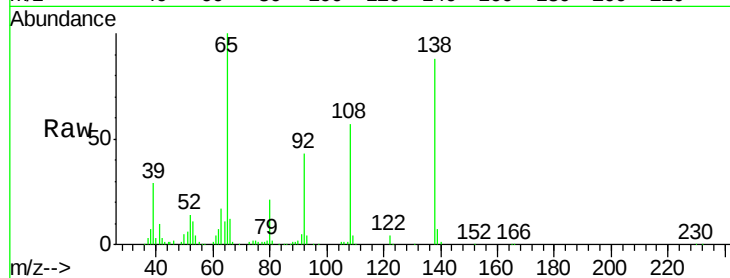
#61
4-Nitroaniline
Concen: 34.370 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	130296		
92	49.3	30.2	70.2	
108	64.6	52.5	92.5	

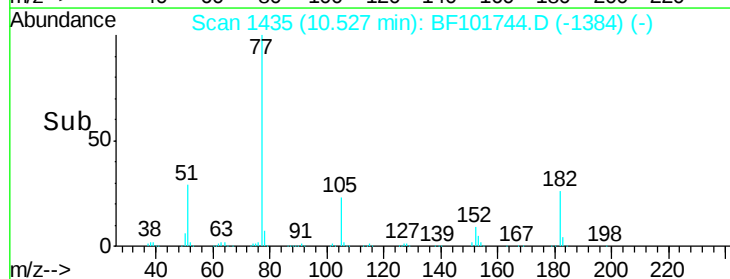
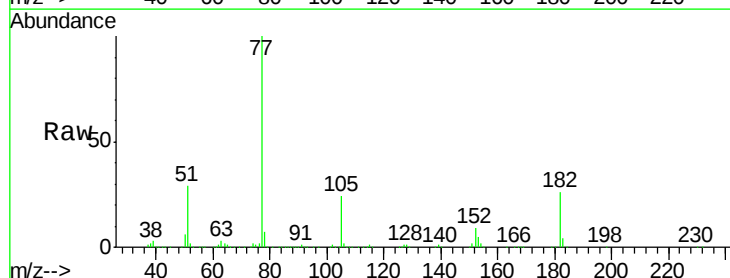
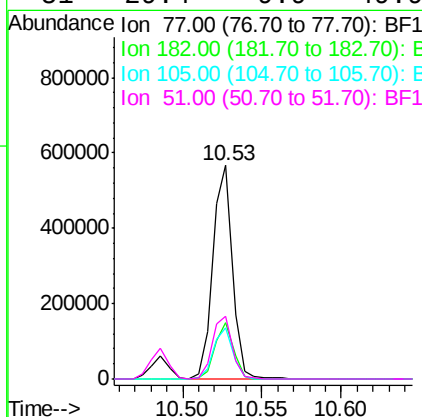
Manual Integrations
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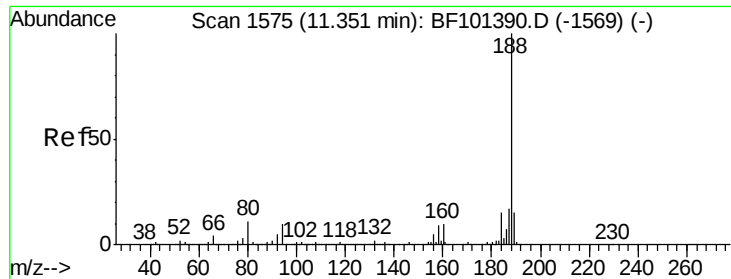
Sohil
12/27/2017 4:15:25 PM



#62
Azobenzene
Concen: 31.747 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	484741		
182	26.2	1.7	41.7	
105	23.9	3.0	43.0	
51	29.4	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

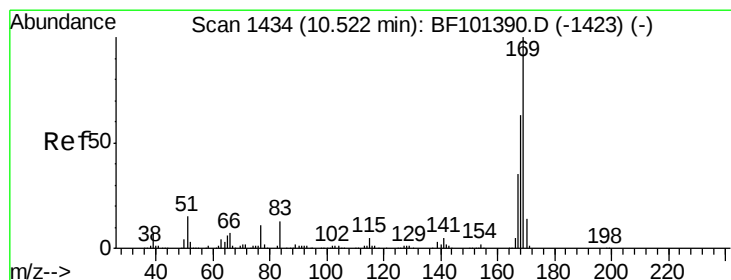
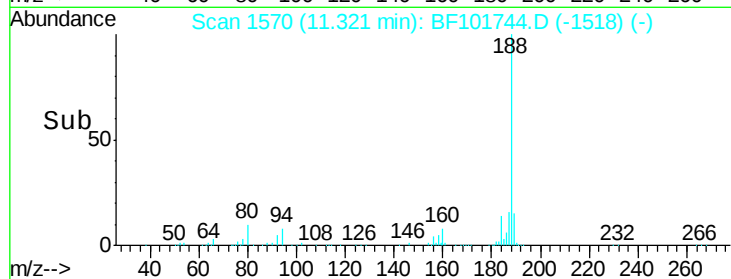
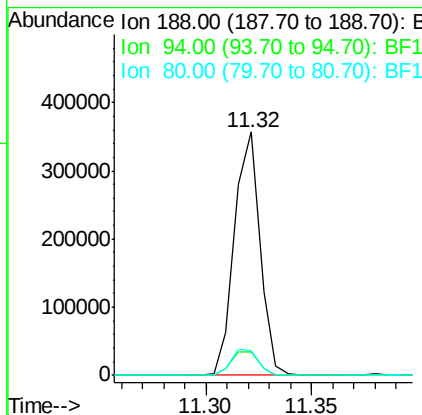
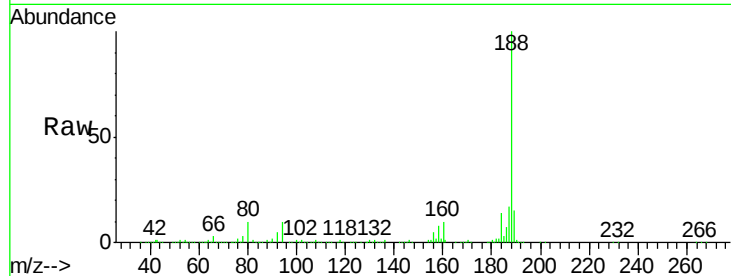
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	188	Resp:	298800
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	10.2	9.2	13.8

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 40.141 ng

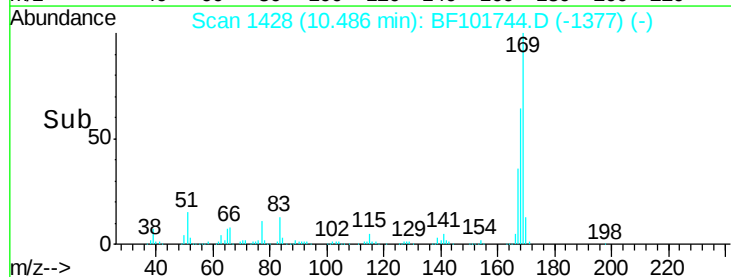
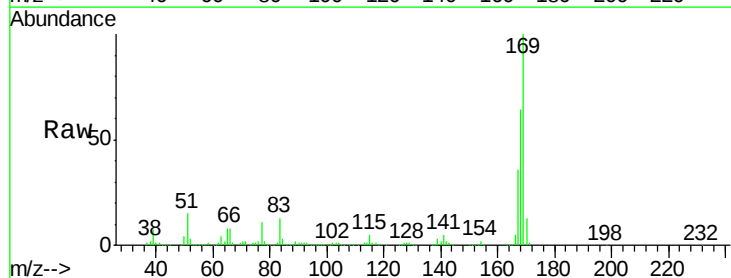
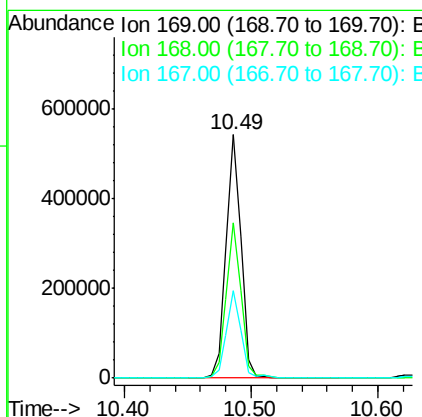
RT: 10.49 min Scan# 1428

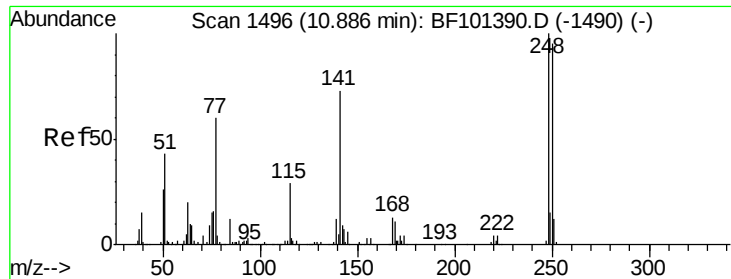
Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	169	Resp:	442875
Ion Ratio	Lower	Upper	
169	100		
168	63.9	54.4	81.6
167	36.1	29.8	44.6





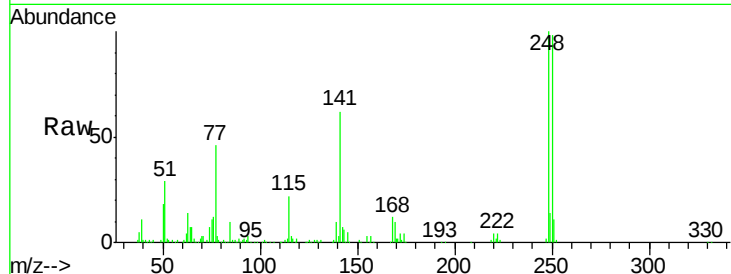
#66
4-Bromophenyl-phenylether
Concen: 40.915 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	61.9	74.4	111.6#

Manual Integrations
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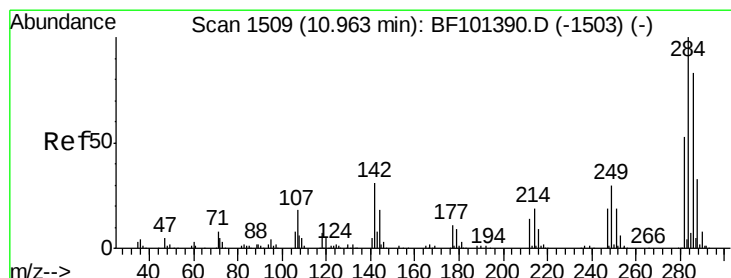
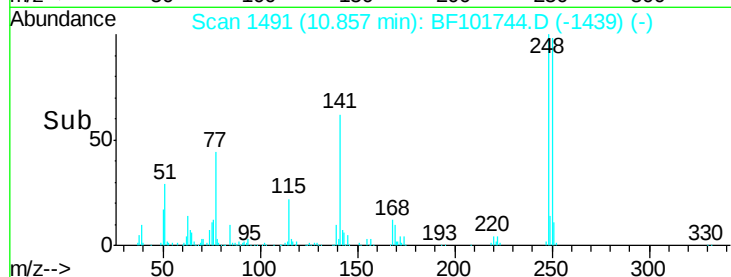
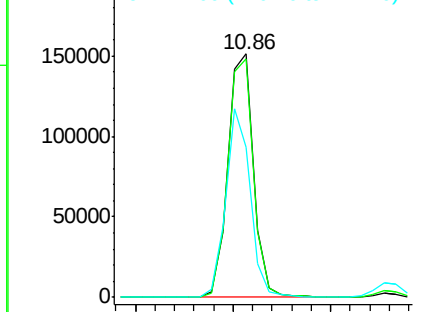


Abundance

Ion 248.00 (247.70 to 248.70): E

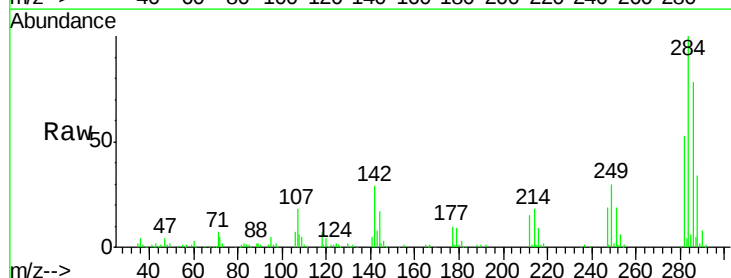
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 40.167 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	34.6	52.0#
249	30.5	24.8	37.2

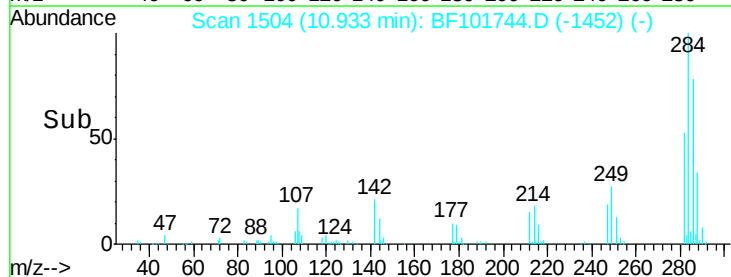
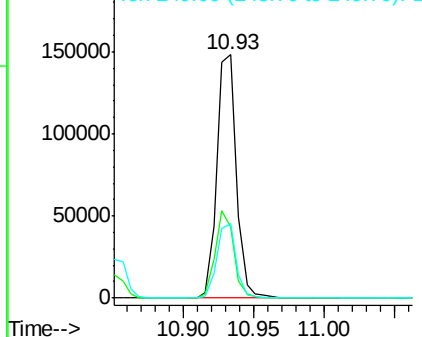


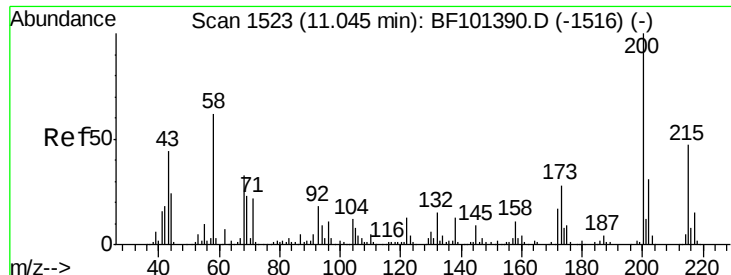
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





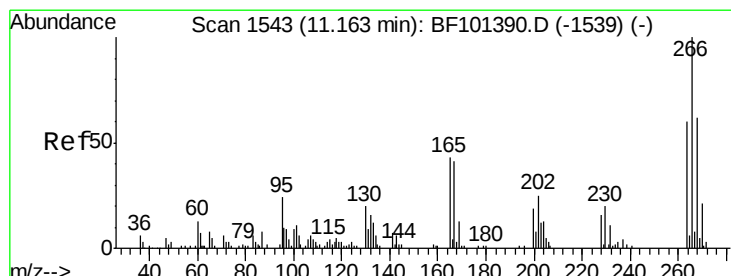
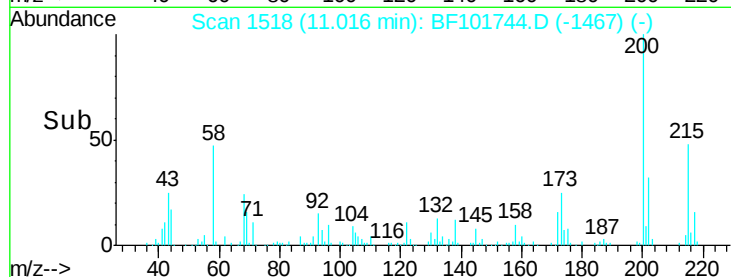
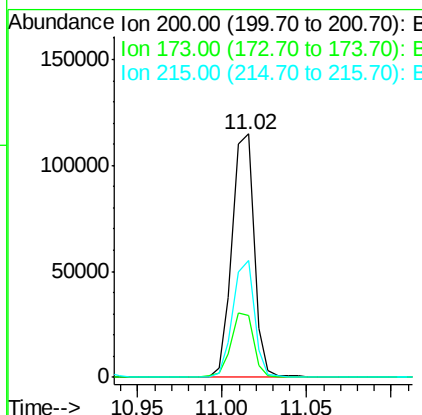
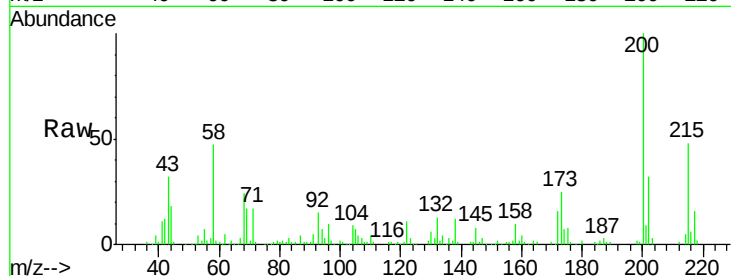
#68
 Atrazine
 Concen: 31.819 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	104677		
173	25.4	8.6	48.6	
215	48.2	25.1	65.1	

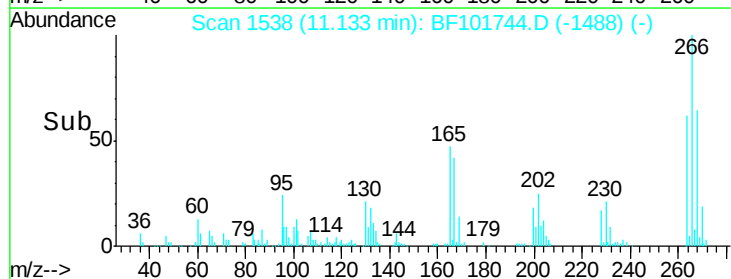
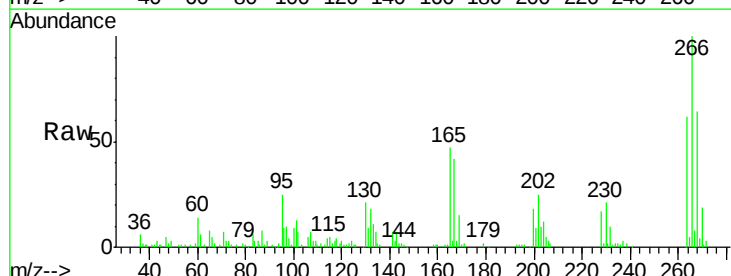
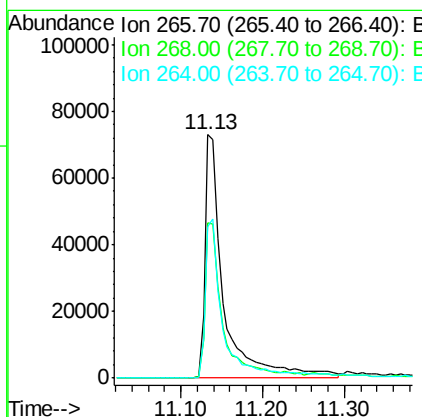
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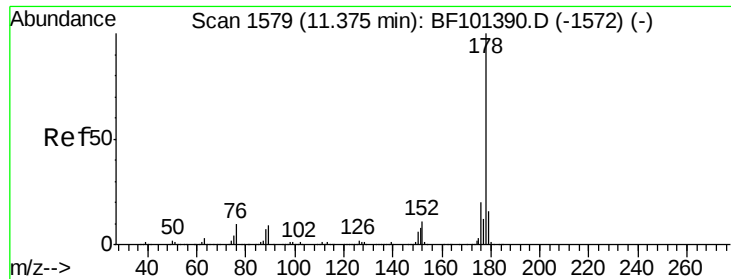
Sohil
 12/27/2017 4:15:25 PM



#69
 Pentachlorophenol
 Concen: 84.700 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	117620		
268	63.9	51.1	76.7	
264	62.3	49.5	74.3	





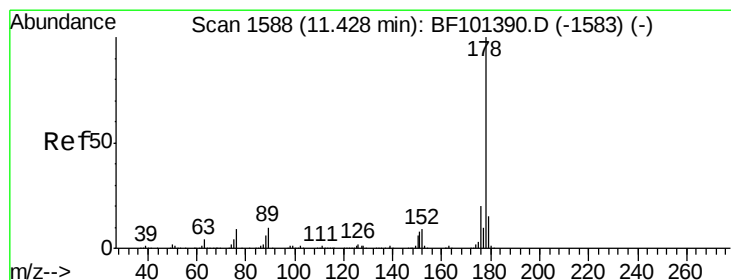
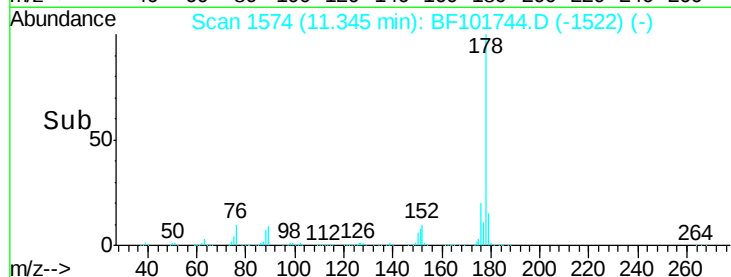
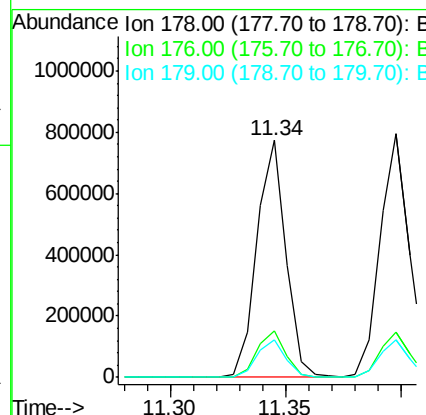
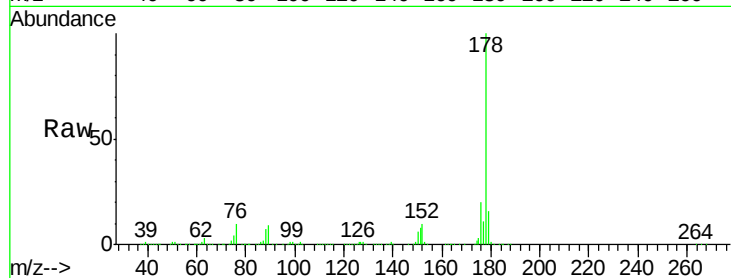
#70
Phenanthrene
Concen: 40.851 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6

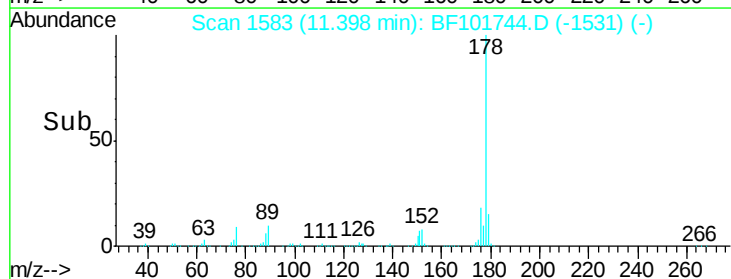
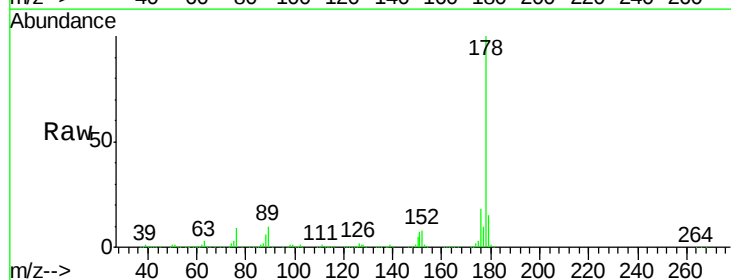
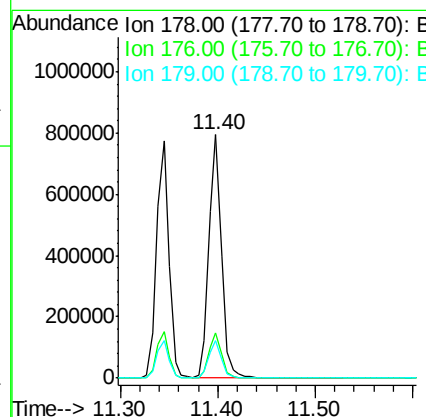
Manual Integrations
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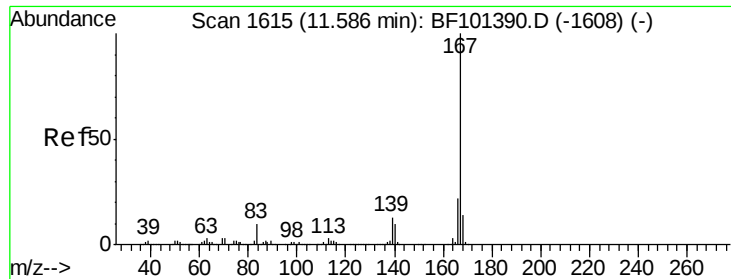
Sohil
12/27/2017 4:15:25 PM



#71
Anthracene
Concen: 42.019 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 44.151 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

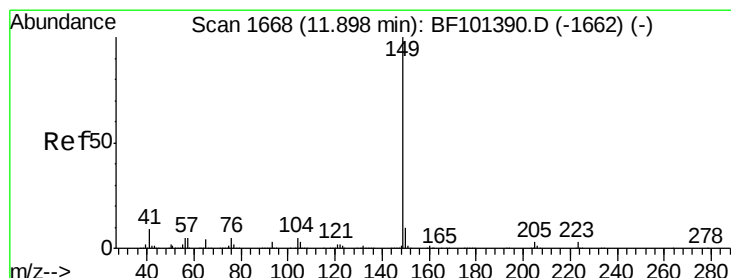
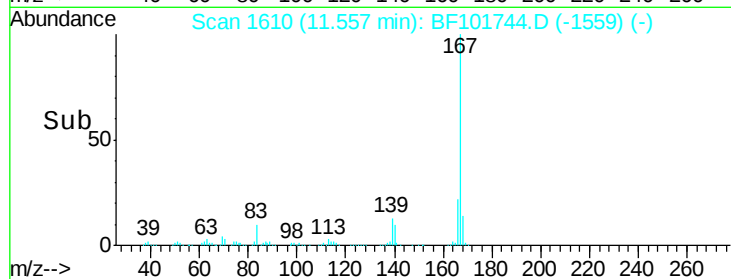
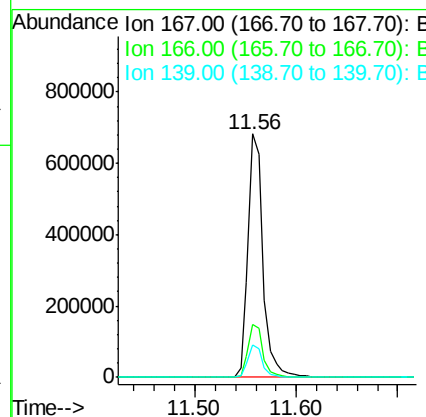
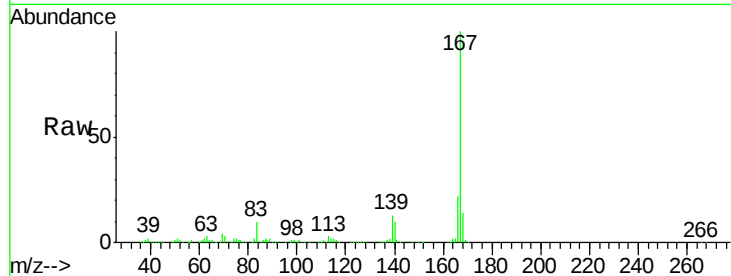
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	167	Resp:	701632
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	13.2	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 45.271 ng

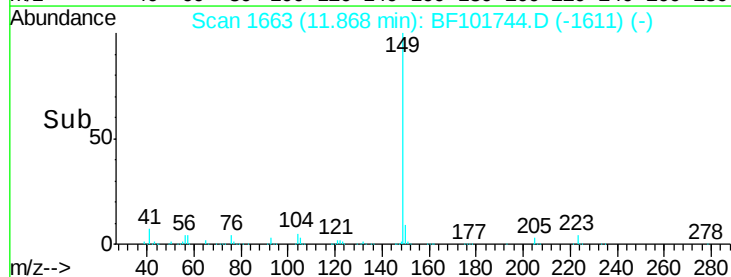
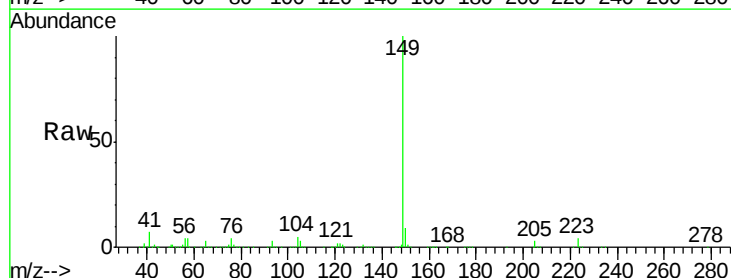
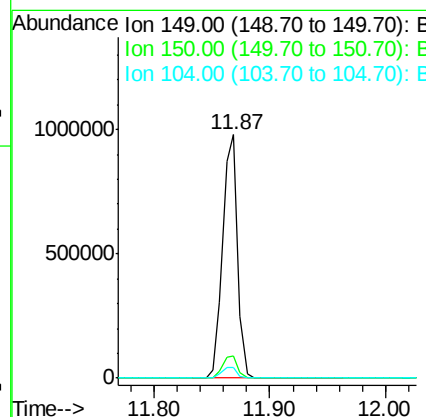
RT: 11.87 min Scan# 1663

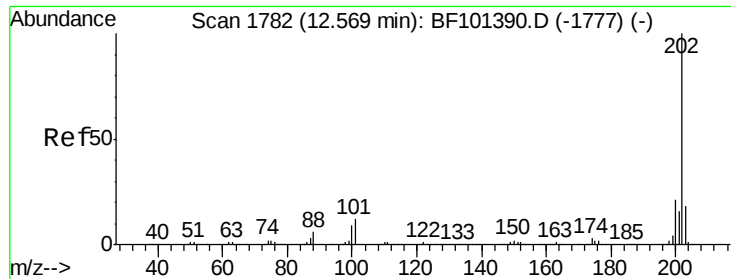
Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	149	Resp:	873195
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8





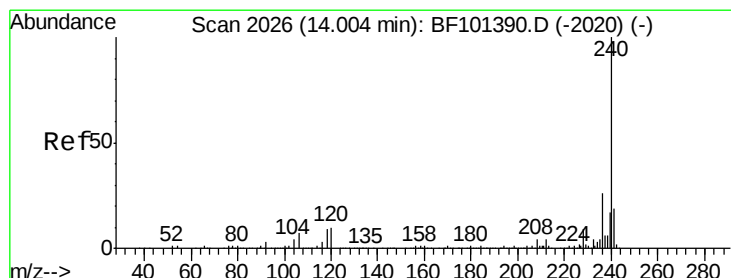
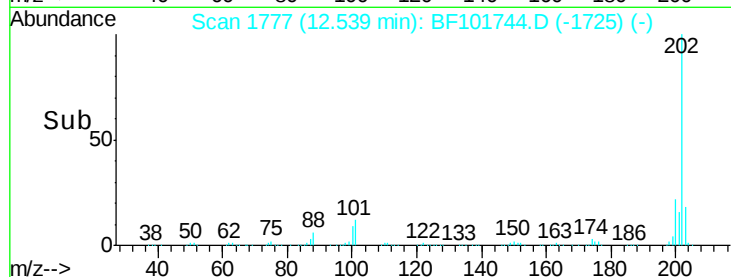
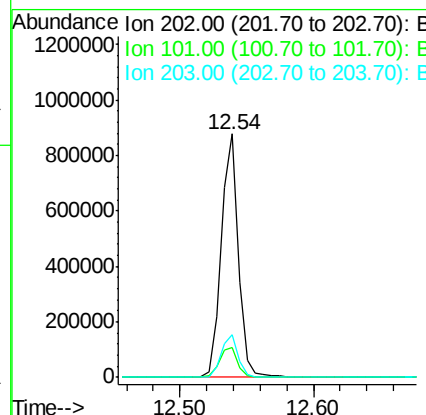
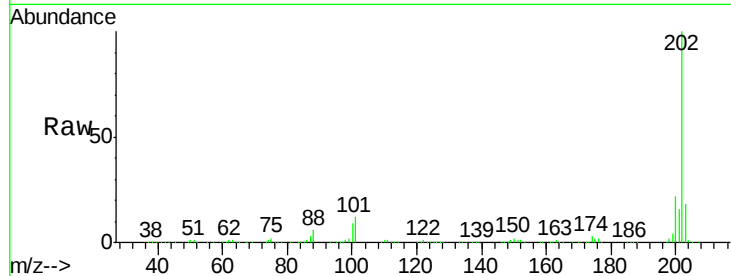
#74
 Fluoranthene
 Concen: 45.630 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	0.0	34.1
203	17.6	0.0	38.1

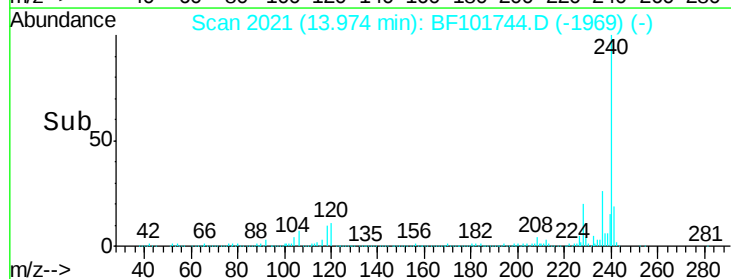
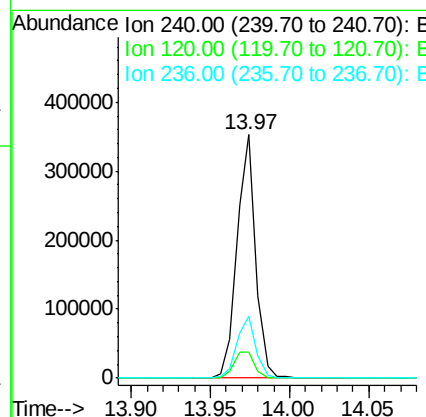
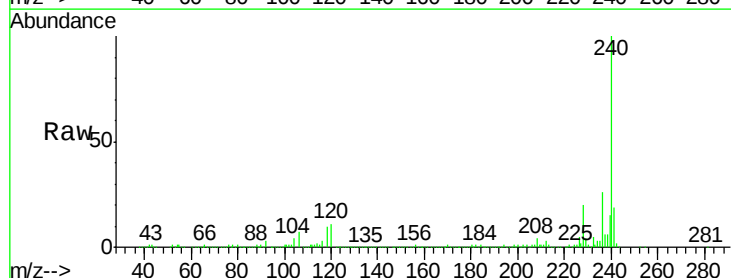
Manual Integrations
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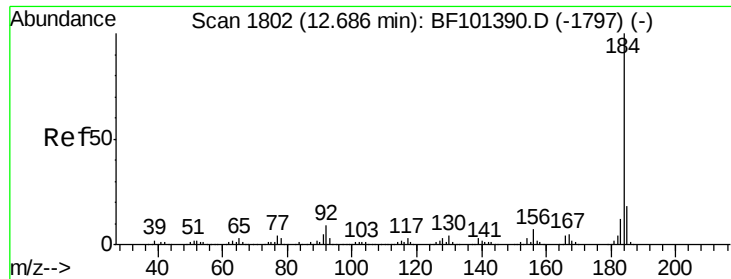
Sohil
 12/27/2017 4:15:25 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101744.D
 Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.9	9.5	14.3
236	25.7	20.7	31.1





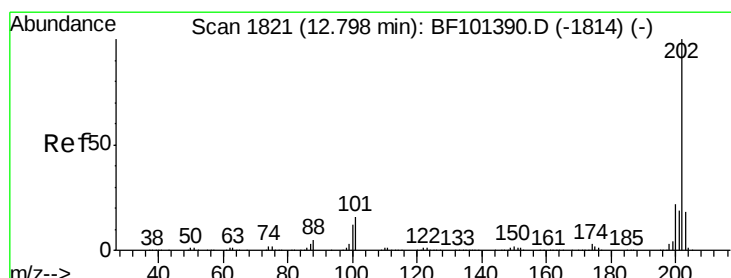
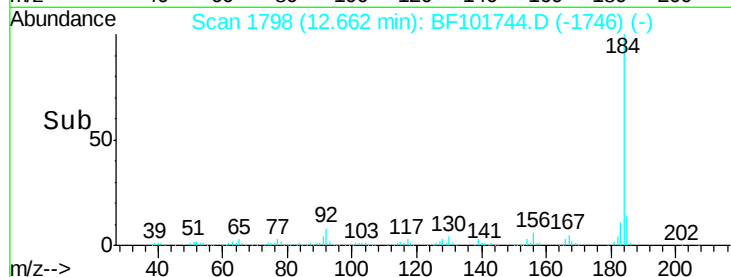
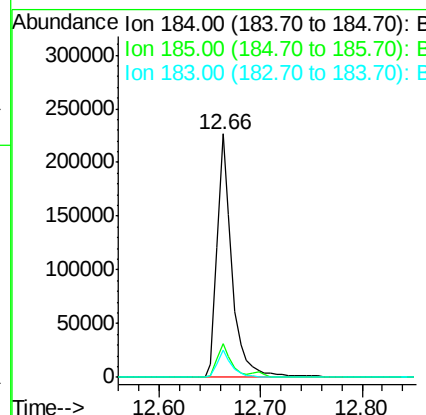
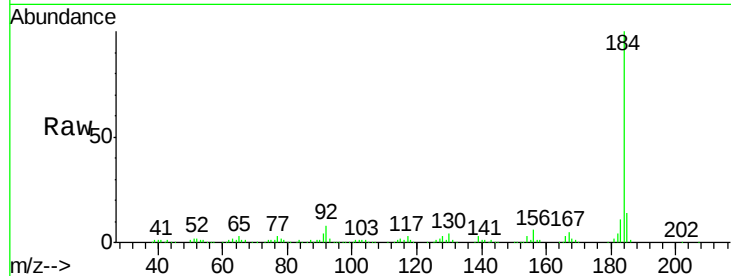
#76
Benzidine
Concen: 19.180 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	232684		
185	13.8	12.6	18.8	
183	11.1	9.3	13.9	

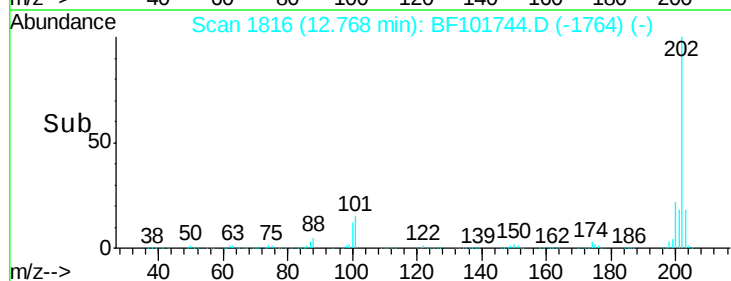
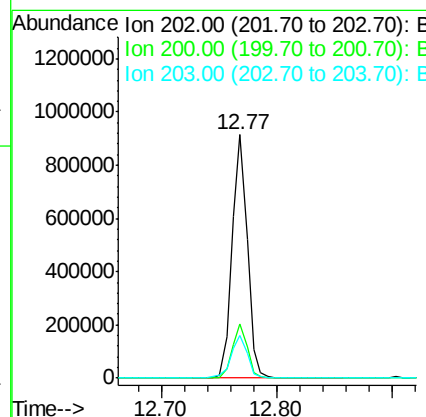
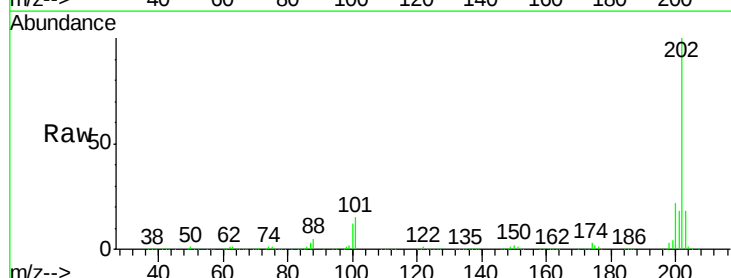
Manual Integrations
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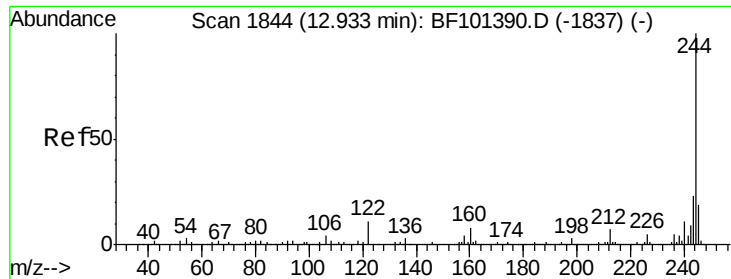
Sohil
12/27/2017 4:15:25 PM



#77
Pyrene
Concen: 38.907 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	838736		
200	22.3	17.4	26.2	
203	17.6	14.3	21.5	





#78

Terphenyl-d14

Concen: 93.446 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:244 Resp: 1113395

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

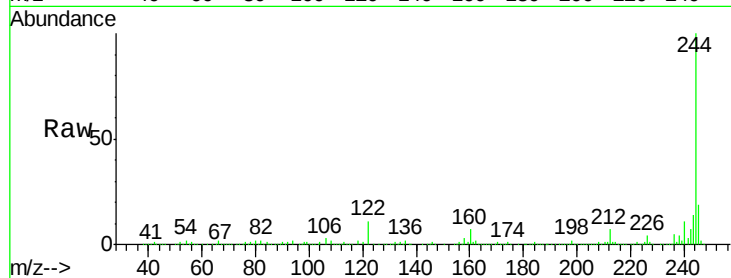
122 10.6 11.0 16.4#

Manual Integrations

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Sohil

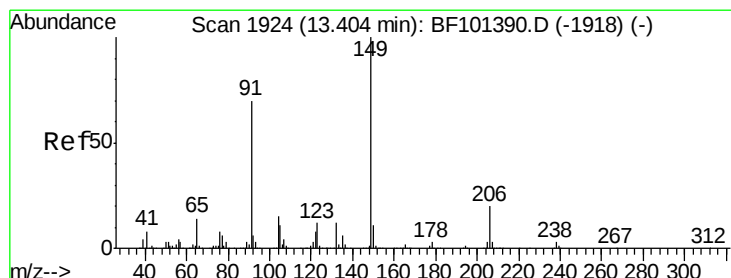
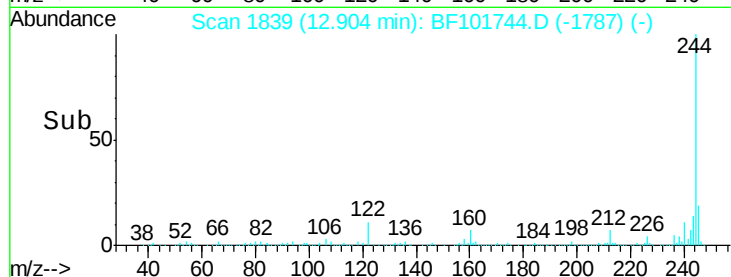
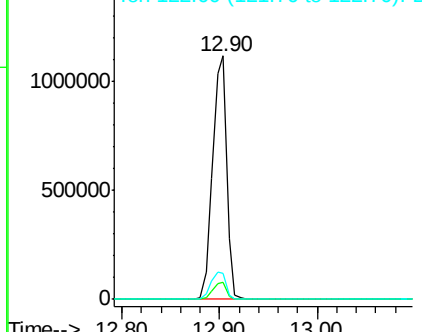
12/27/2017 4:15:25 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.276 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

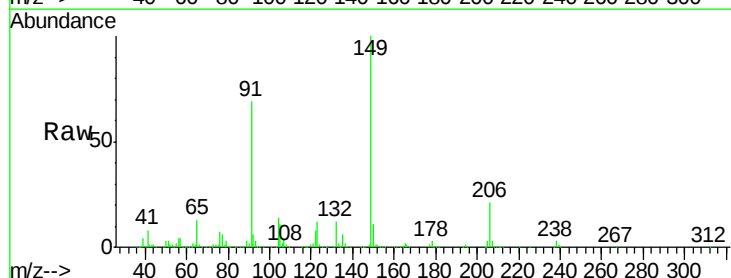
Tgt Ion:149 Resp: 392863

Ion Ratio Lower Upper

149 100

91 69.3 56.8 85.2

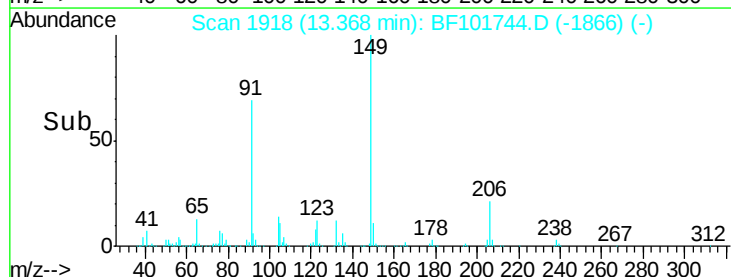
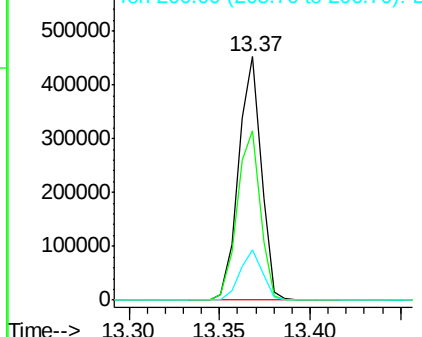
206 20.6 14.1 21.1

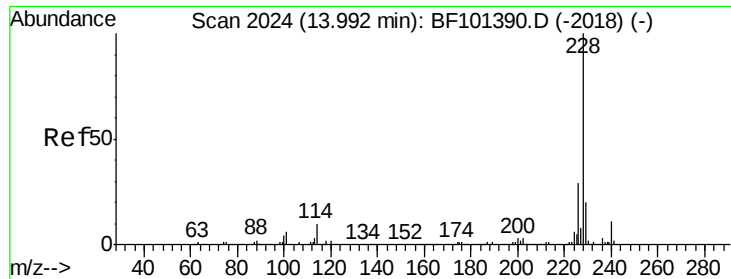


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.058 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

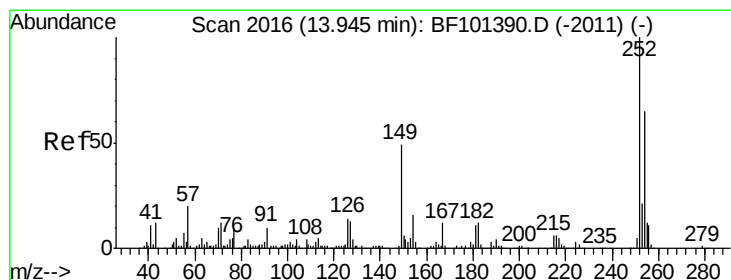
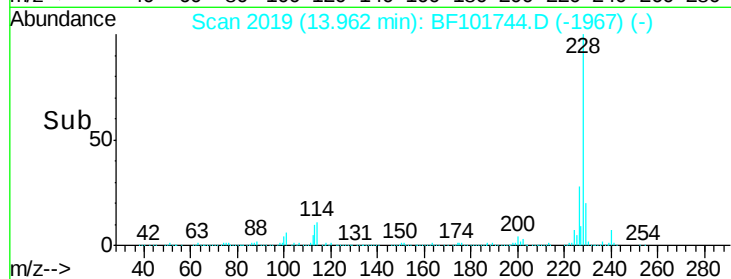
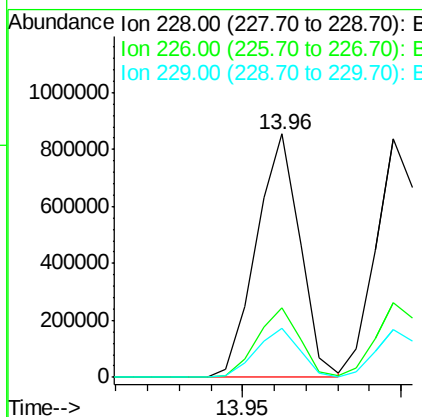
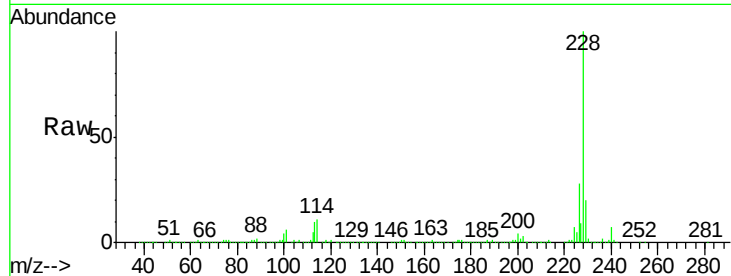
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	228	Resp:	816673
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.2	15.8	23.6

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 34.587 ng

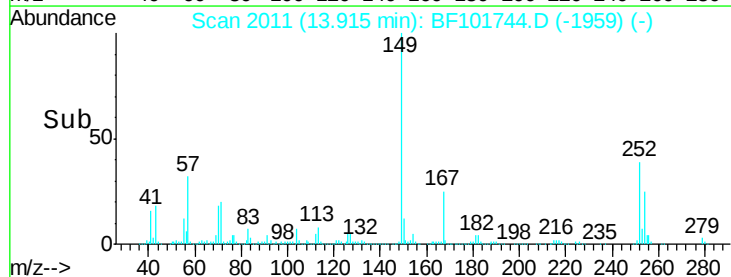
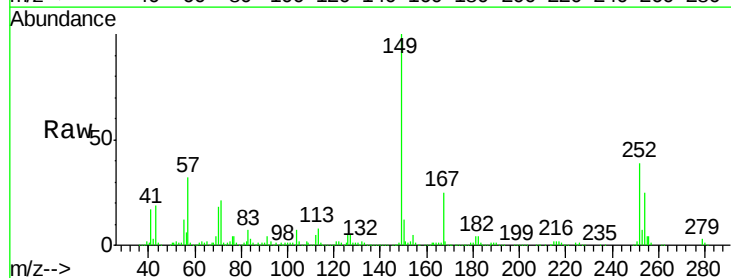
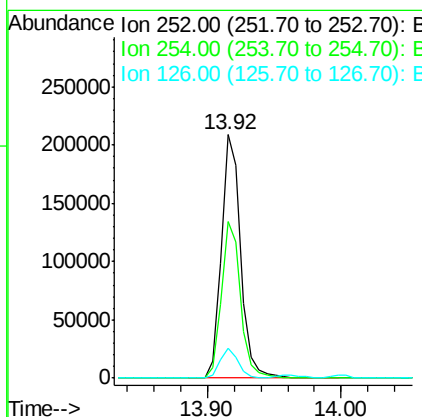
RT: 13.92 min Scan# 2011

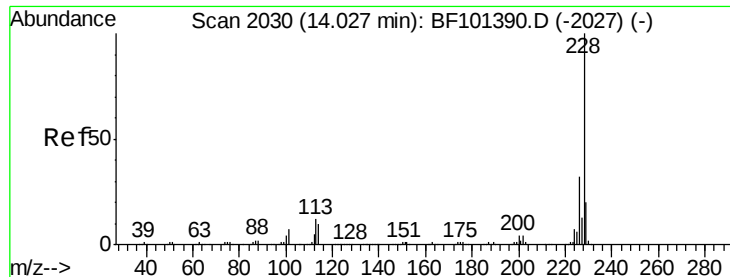
Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	252	Resp:	213902
Ion Ratio	Lower	Upper	
252	100		
254	64.4	50.4	75.6
126	12.5	11.3	16.9





#82

Chrysene

Concen: 44.394 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

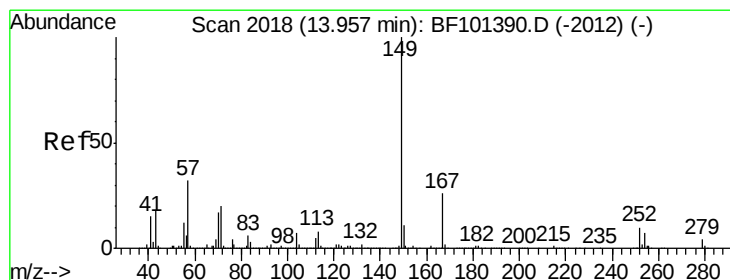
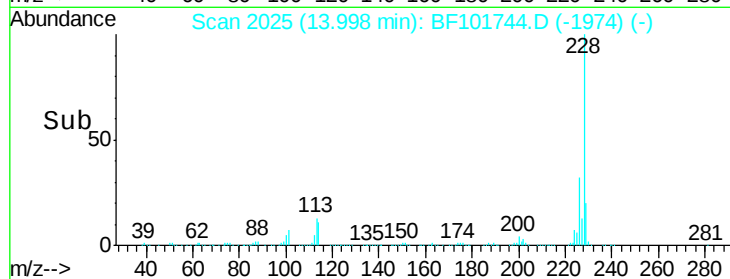
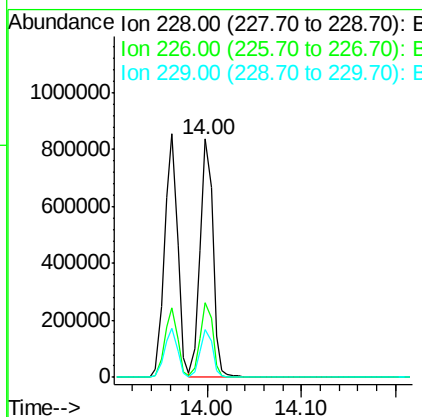
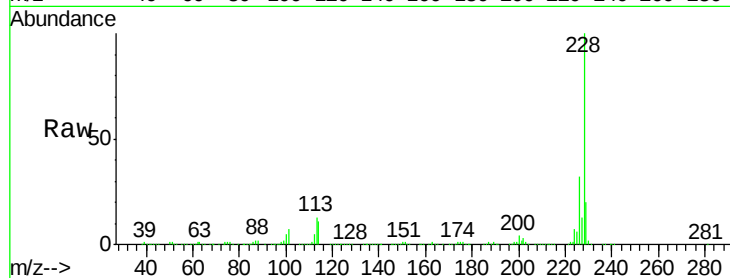
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	228	Resp:	795023
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.689 ng

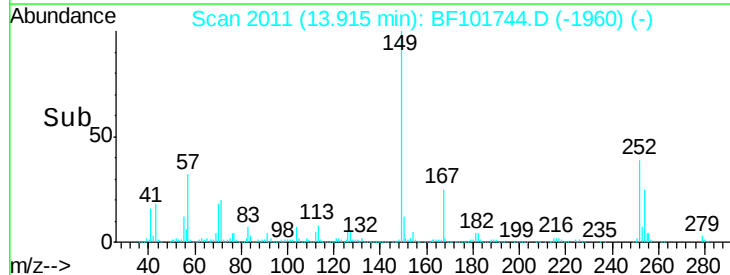
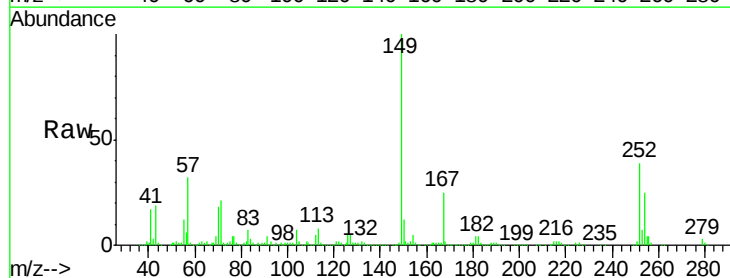
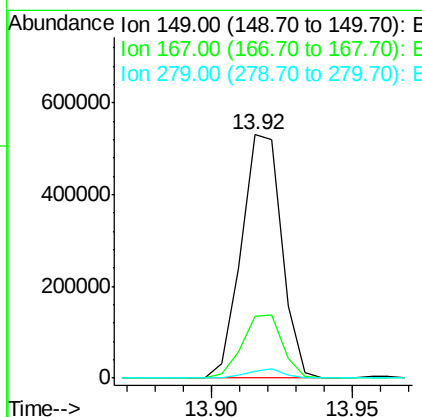
RT: 13.92 min Scan# 2011

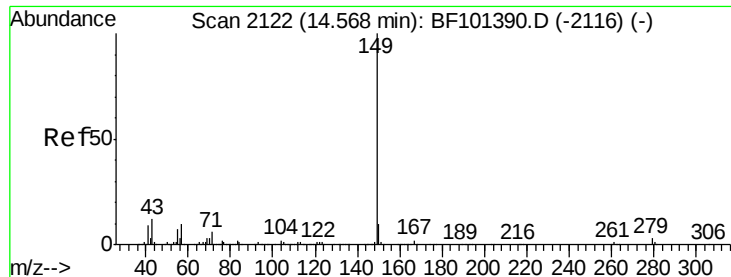
Delta R.T. -0.00 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	149	Resp:	527418
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.3	31.9
279	3.0	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 46.459 ng

RT: 14.53 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Instrument :

BNA_F

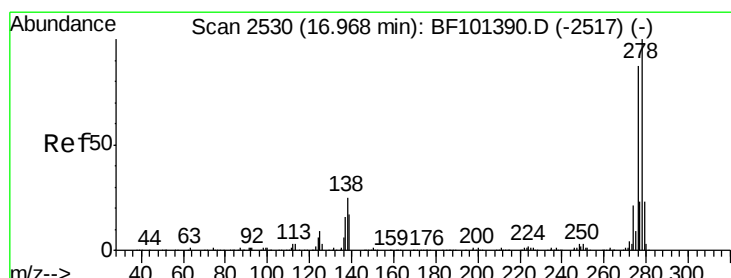
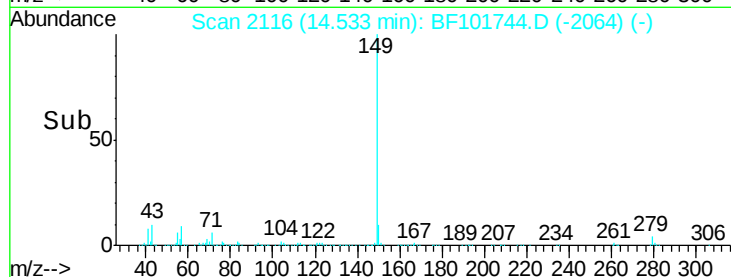
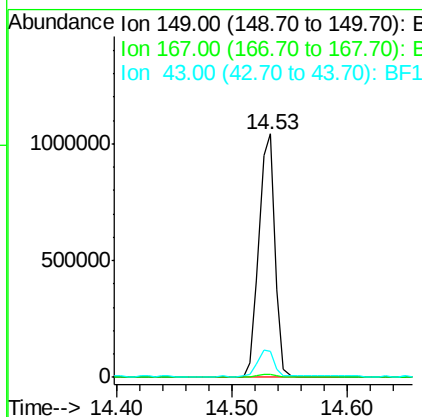
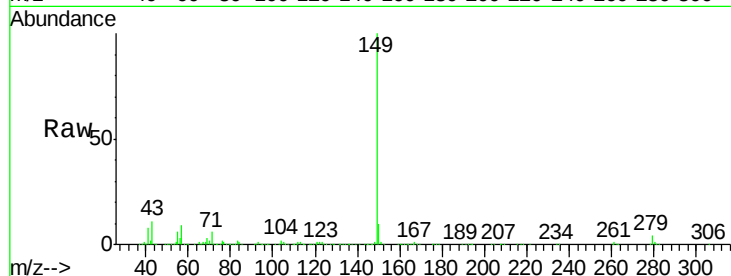
ClientSampleId :

EPE-106-3DS(90-92)MSD

Tgt Ion:	149	Resp:	1023654
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 38.516 ng

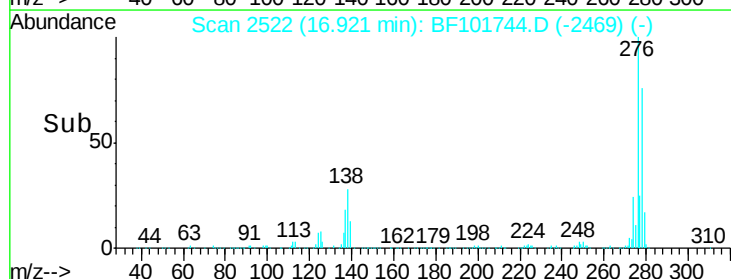
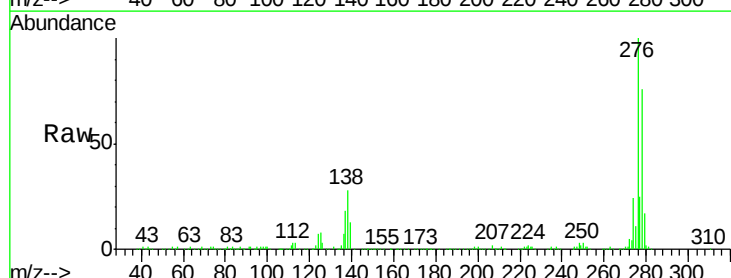
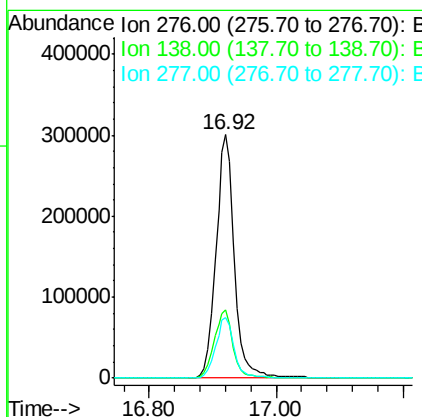
RT: 16.92 min Scan# 2522

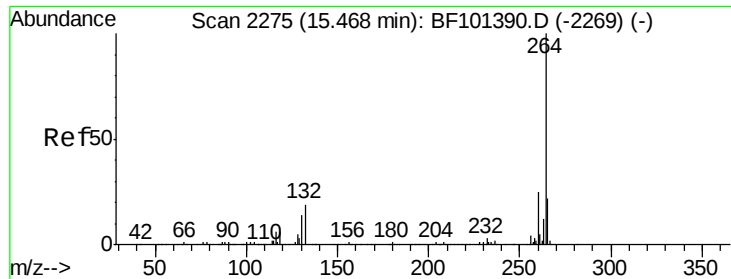
Delta R.T. 0.01 min

Lab File: BF101744.D

Acq: 27 Dec 2017 5:07

Tgt Ion:	276	Resp:	614229
Ion Ratio	Lower	Upper	
276	100		
138	28.7	25.0	37.6
277	25.2	20.1	30.1





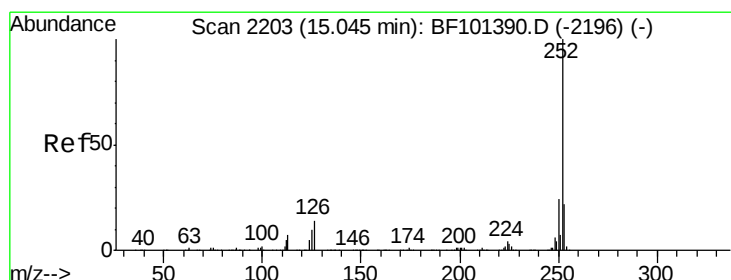
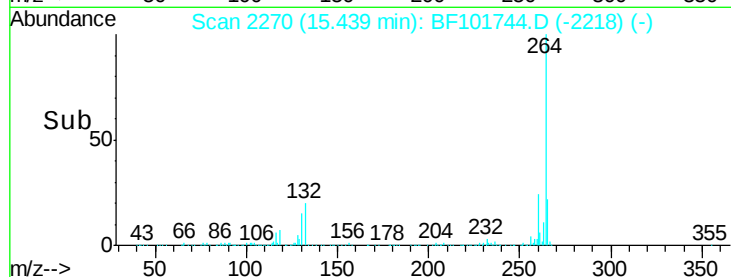
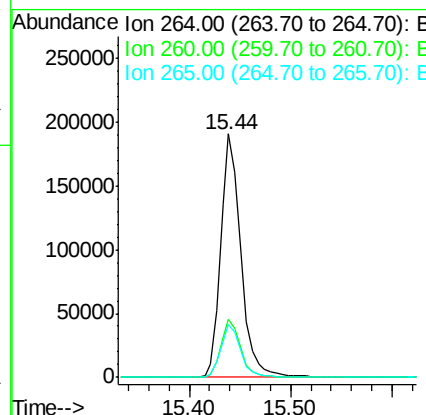
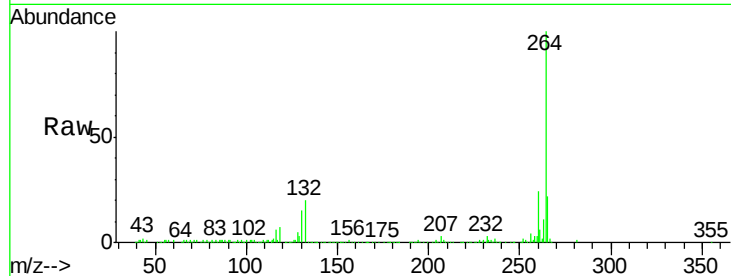
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

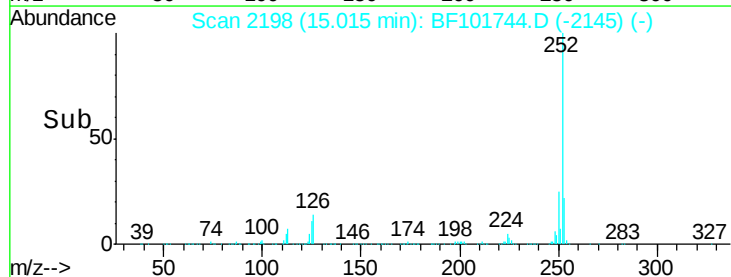
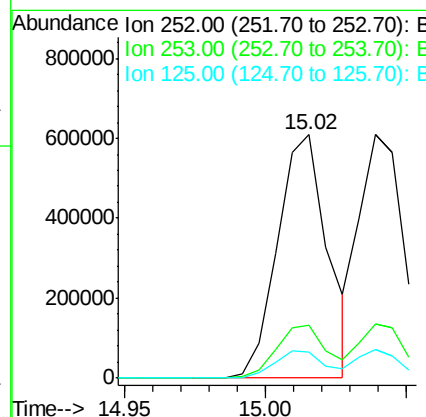
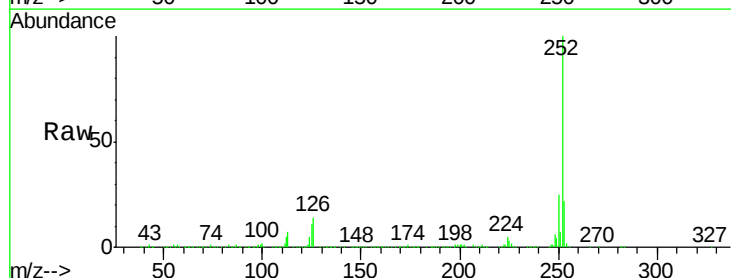
Manual Integrations
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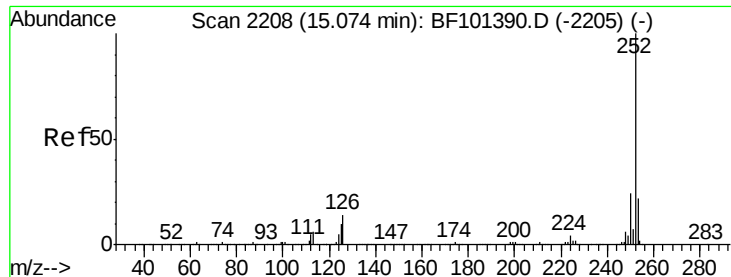
Sohil
12/27/2017 4:15:25 PM



#87
Benzo(b)fluoranthene
Concen: 46.771 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.8	9.0	13.6





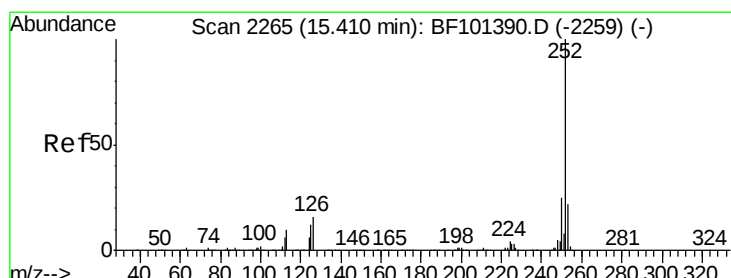
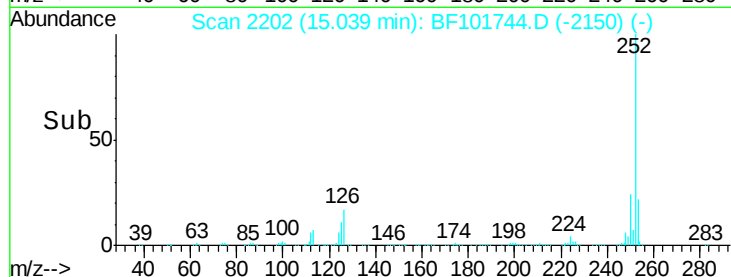
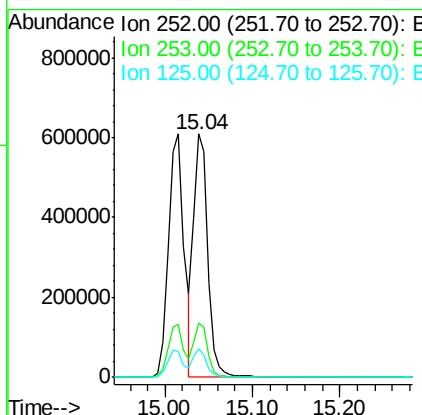
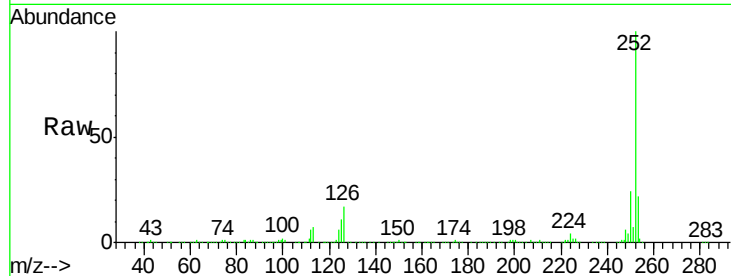
#88
Benzo(k)fluoranthene
Concen: 44.226 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	688978		
253	22.1	17.9	26.9	
125	11.5	10.2	15.2	

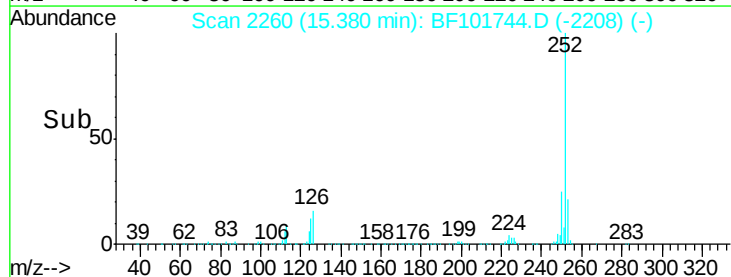
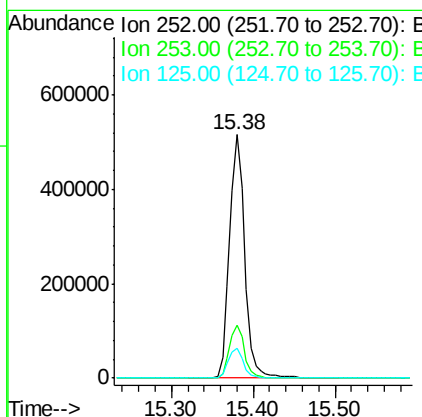
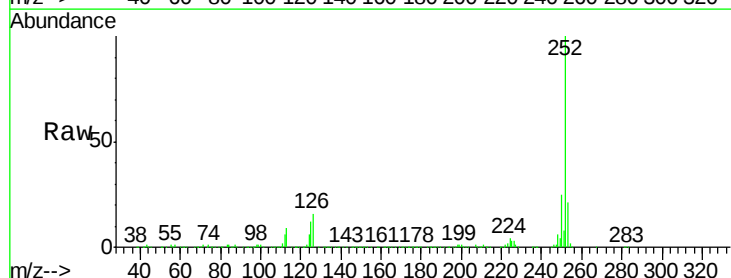
Manual Integrations
APPROVED

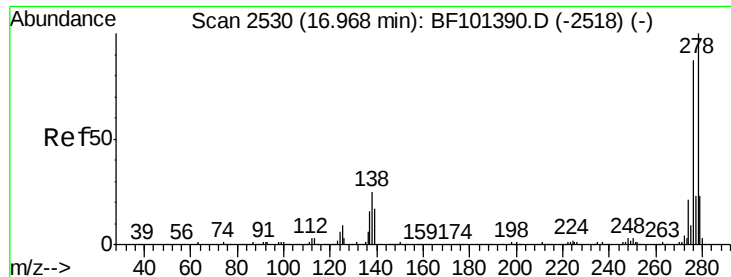
Sohil
12/27/2017 4:15:25 PM



#89
Benzo(a)pyrene
Concen: 45.298 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	669087		
253	21.5	17.1	25.7	
125	12.4	9.8	14.6	





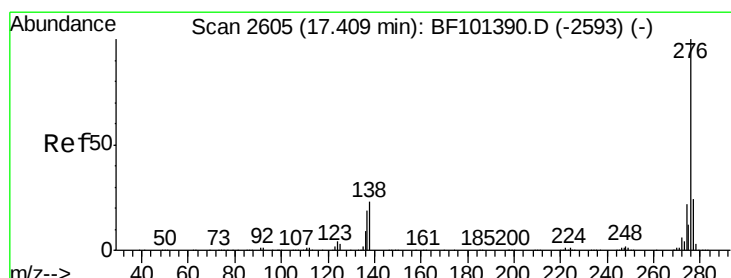
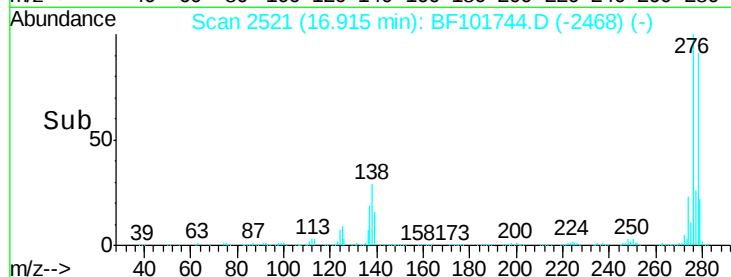
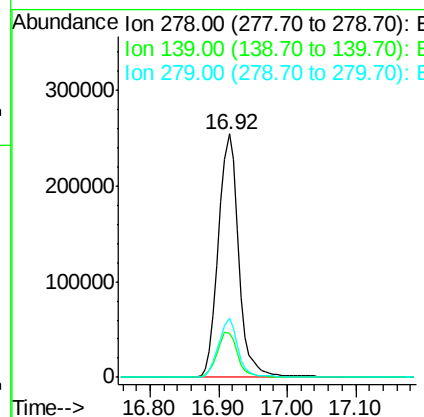
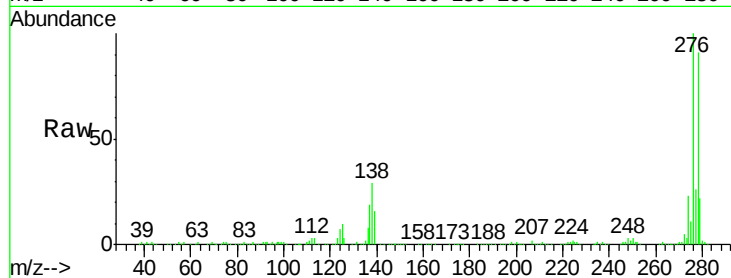
#90
Dibenzo(a,h)anthracene
Concen: 41.345 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	24.4	19.0	28.4

Manual Integrations
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12/27/2017 4:15:25 PM



#91
Benzo(g,h,i)perylene
Concen: 40.964 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BF101744.D
Acq: 27 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.0	21.8	32.8

