

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100013.D
 Acq On : 31 Oct 2017 19:42
 Operator : SJ/JU
 Sample : I6178-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:47 PM

Quant Time: Nov 01 05:23:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88473	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	365676	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	167138	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	289485	20.00	ng	0.00
75) Chrysene-d12	13.98	240	166059	20.00	ng	0.00
86) Perylene-d12	15.47	264	153002	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	737621	130.89	ng	0.01
7) Phenol-d6	6.45	99	876374	131.16	ng	0.01
23) Nitrobenzene-d5	7.36	82	511684	90.09	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	190906	125.34	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	950444	87.73	ng	0.00
78) Terphenyl-d14	12.91	244	707744	93.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	87052	34.981	ng	# 88
3) Pyridine	3.32	79	210107	35.109	ng	# 85
4) n-Nitrosodimethylamine	3.28	42	89326	41.781	ng	# 71
6) Aniline	6.46	93	286595	33.079	ng	# 87
8) 2-Chlorophenol	6.58	128	280001	46.620	ng	92
9) Benzaldehyde	6.35	77	129238	32.367	ng	94
10) Phenol	6.46	94	386312	52.657	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	256803	45.329	ng	96
12) 1,3-Dichlorobenzene	6.73	146	289707m	42.959	ng	
13) 1,4-Dichlorobenzene	6.80	146	296760	43.359	ng	97
14) 1,2-Dichlorobenzene	6.96	146	274120	43.945	ng	98
15) Benzyl Alcohol	6.95	79	192488	45.297	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	314817	50.024	ng	50
17) 2-Methylphenol	7.06	107	225792	44.943	ng	# 92
18) Hexachloroethane	7.29	117	94382	41.333	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	170174	43.459	ng	88
20) 3+4-Methylphenols	7.21	107	282784	48.341	ng	# 75
22) Acetophenone	7.20	105	358299	43.033	ng	# 95
24) Nitrobenzene	7.38	77	262042	45.787	ng	93
25) Isophorone	7.62	82	509987	49.481	ng	96
26) 2-Nitrophenol	7.70	139	159638	48.702	ng	# 83
27) 2,4-Dimethylphenol	7.73	122	247725	51.292	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	334162	46.295	ng	99
29) 2,4-Dichlorophenol	7.94	162	249335	49.696	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	242619	45.259	ng	98
31) Naphthalene	8.09	128	791684	44.851	ng	99
32) Benzoic acid	7.85	122	16477	3.876	ng	92
33) 4-Chloroaniline	8.15	127	214084	29.371	ng	95
34) Hexachlorobutadiene	8.20	225	120737	43.787	ng	99
35) Caprolactam	8.53	113	73936	46.861	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	243052	47.463	ng	89
37) 2-Methylnaphthalene	8.79	142	542947	45.900	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	227878	42.214	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	24481	33.321	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	157867	48.348	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	161459	46.597	nq	95
45) 1,1'-Biphenyl	9.25	154	638704	42.242	nq	96
46) 2-Chloronaphthalene	9.28	162	498947	45.438	nq	95
47) 2-Nitroaniline	9.39	65	132035	45.814	nq	86
48) Acenaphthylene	9.69	152	725355	42.889	nq	100
49) Dimethylphthalate	9.56	163	819455	61.911	nq	100
50) 2,6-Dinitrotoluene	9.63	165	132421	47.591	nq #	75
51) Acenaphthene	9.86	154	439319	42.512	nq	99
52) 3-Nitroaniline	9.80	138	113746	34.693	nq	87
53) 2,4-Dinitrophenol	9.93	184	25251	27.091	nq #	89
54) Dibenzofuran	10.04	168	656208	44.986	nq	97
55) 4-Nitrophenol	9.99	139	132154	77.144	nq	81
56) 2,4-Dinitrotoluene	10.05	165	163867	48.902	nq #	82
57) Fluorene	10.38	166	528363	43.747	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	120317	49.524	nq #	91
59) Diethylphthalate	10.25	149	572761	44.312	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	247528	43.547	nq	93
61) 4-Nitroaniline	10.43	138	130013	41.564	nq	83
62) Azobenzene	10.53	77	492628	45.466	nq	92
64) 4,6-Dinitro-2-methylphenol	10.46	198	40307	22.150	nq #	76
65) n-Nitrosodiphenylamine	10.49	169	477660	44.699	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	143516	47.092	nq	94
67) Hexachlorobenzene	10.93	284	140198	44.966	nq	92
68) Atrazine	11.02	200	149728	46.645	nq	99
69) Pentachlorophenol	11.14	266	101664	76.310	nq	98
70) Phenanthrene	11.35	178	707664	43.317	nq	98
71) Anthracene	11.40	178	730696	44.063	nq	98
72) Carbazole	11.56	167	679296	43.560	nq	99
73) Di-n-butylphthalate	11.87	149	878275	44.156	nq	98
74) Fluoranthene	12.55	202	666460	39.255	nq	97
76) Benzidine	12.67	184	269746	37.123	nq	97
77) Pyrene	12.77	202	658347	52.138	nq	99
79) Butylbenzylphthalate	13.37	149	331730	53.351	nq	94
80) Benzo(a)anthracene	13.97	228	467164	44.378	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	155421	40.673	nq	96
82) Chrysene	14.01	228	439830	44.442	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	437575	50.112	nq	99
84) Di-n-octyl phthalate	14.56	149	689077	45.978	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.97	276	444488	48.923	nq	97
87) Benzo(b)fluoranthene	15.04	252	414196	42.871	nq	99
88) Benzo(k)fluoranthene	15.07	252	399525	43.854	nq	99
89) Benzo(a)pyrene	15.42	252	396128	45.644	nq	98
90) Dibenzo(a,h)anthracene	16.97	278	370985	48.108	nq	97
91) Benzo(g,h,i)perylene	17.42	276	375085	49.716	nq	98

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

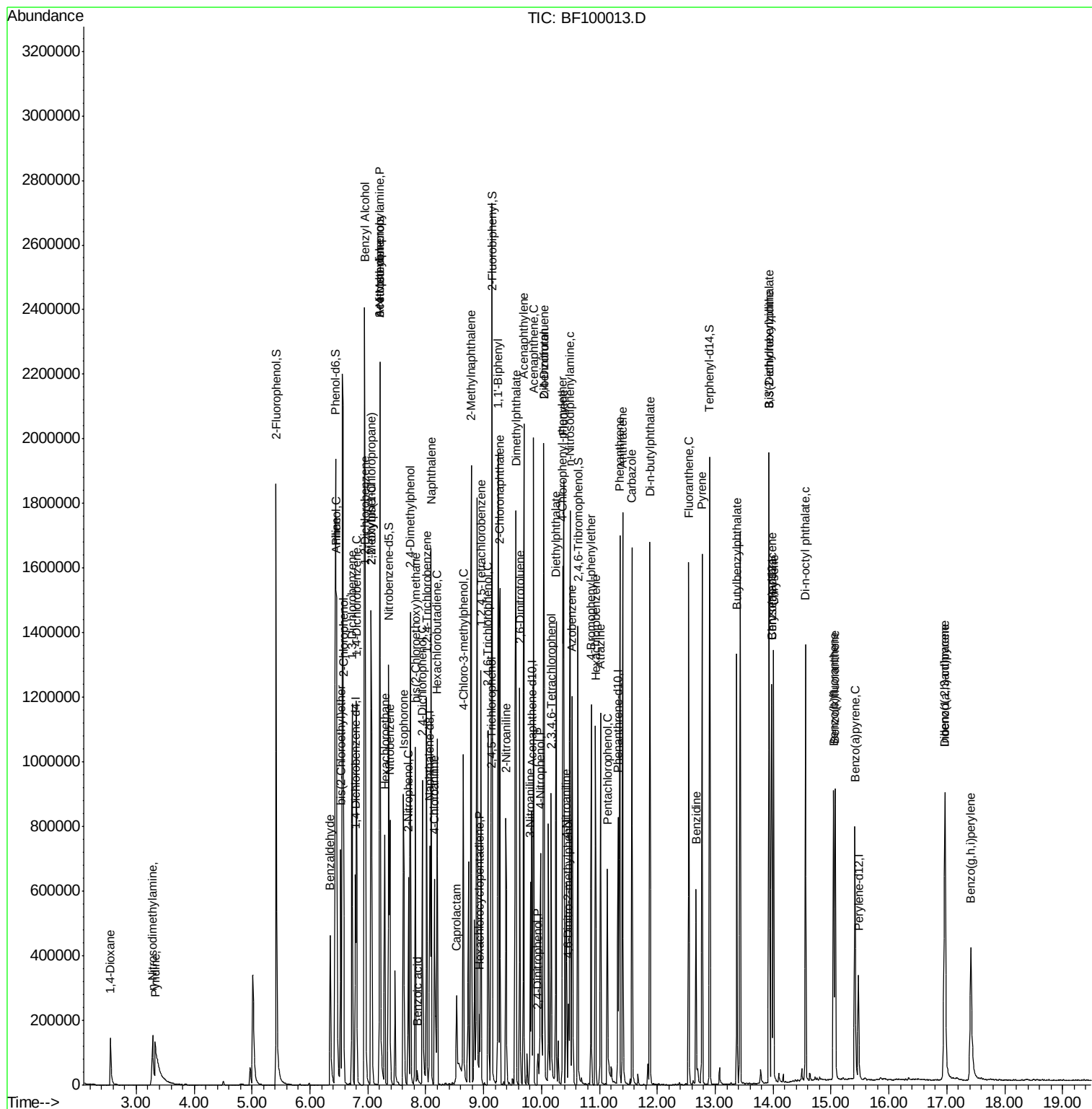
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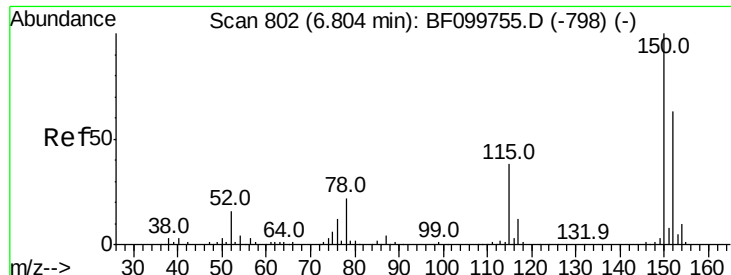
Instrument :
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#1

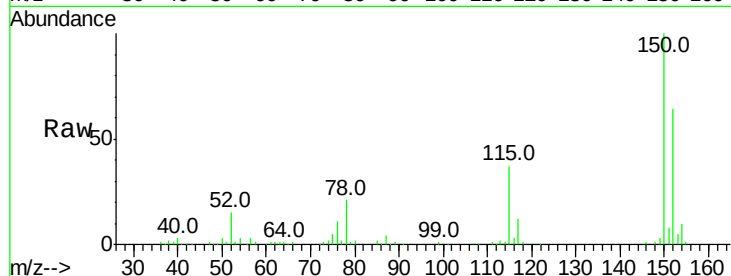
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

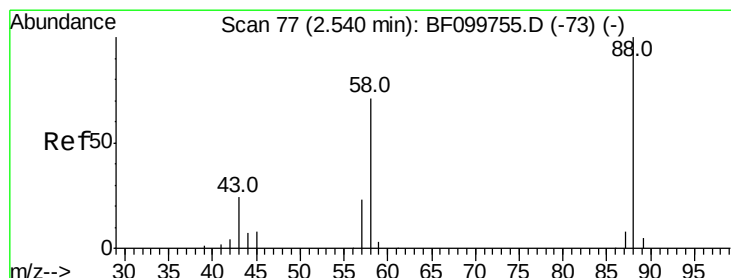
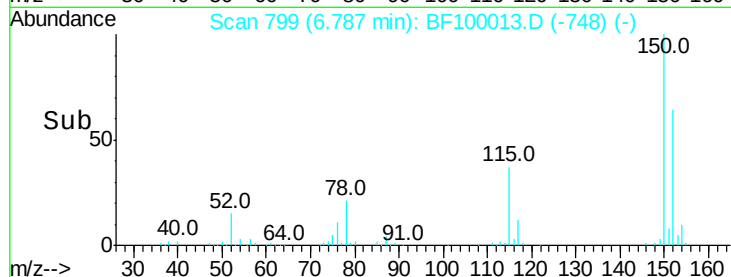
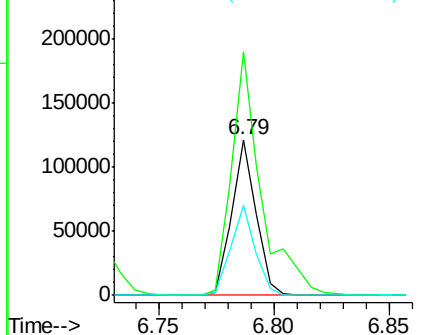
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	57.4	50.1	75.1

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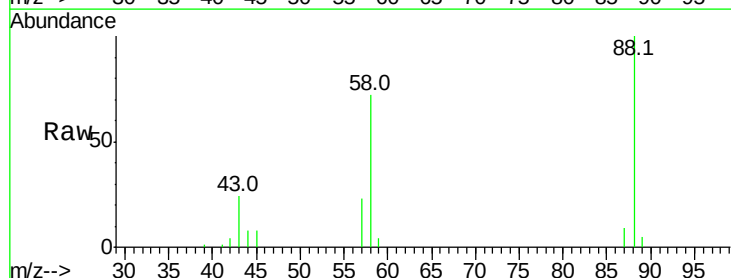
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



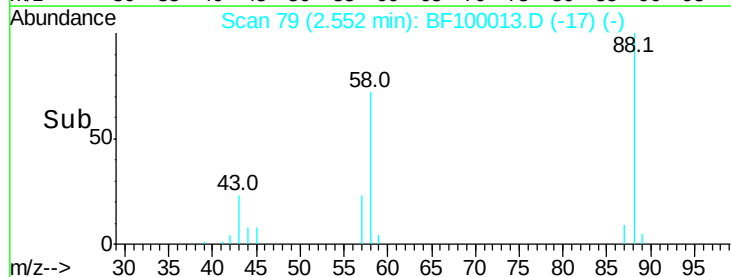
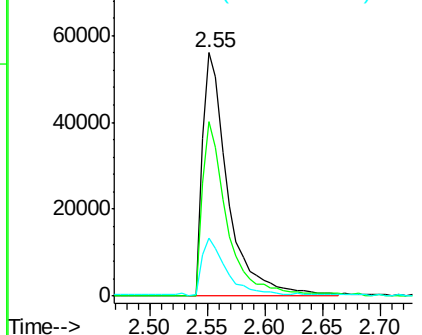
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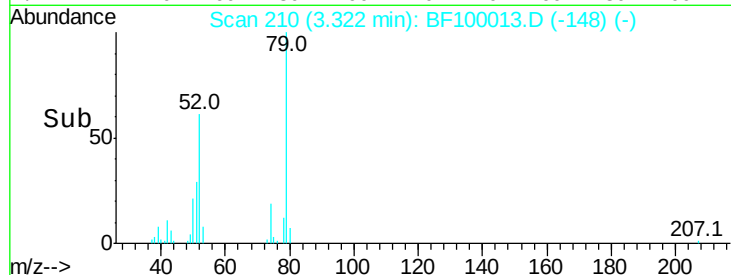
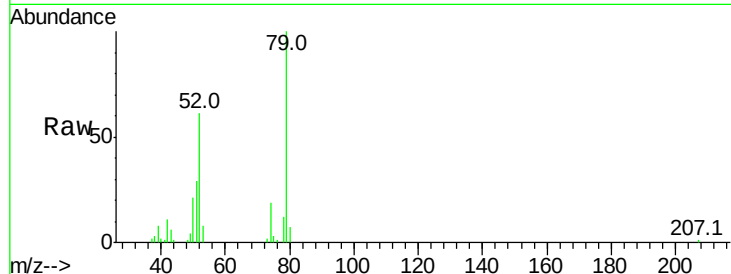
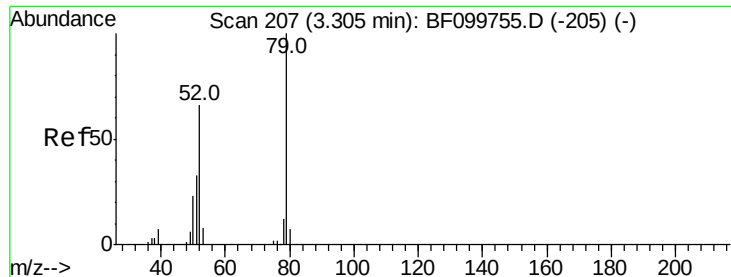
1,4-Dioxane
 Concen: 34.981 ng
 RT: 2.55 min Scan# 79
 Delta R.T. 0.06 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	62.6	93.8
43	23.3	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





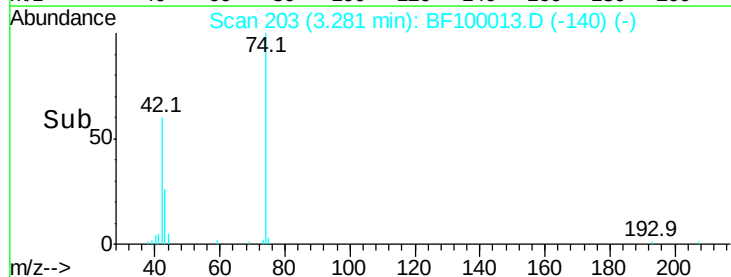
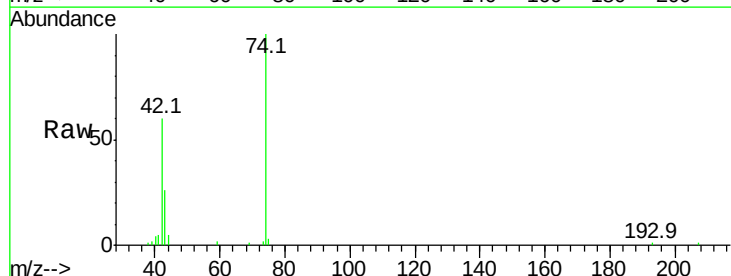
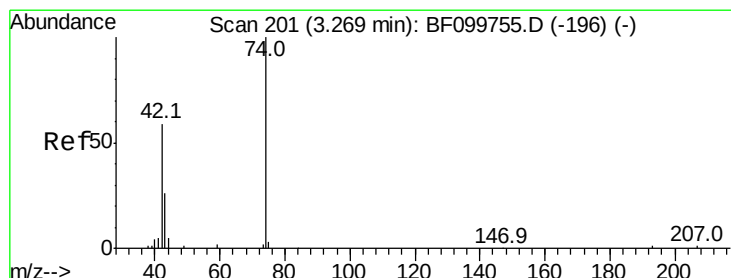
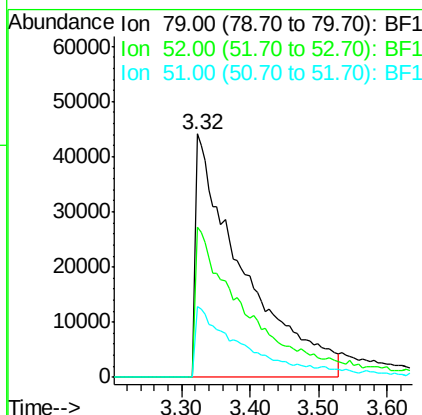
#3
Pvridine
Concen: 35.109 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.06 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.4	59.8	89.6
51	29.3	29.8	44.8#

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EPE-120-3(20-22)MS

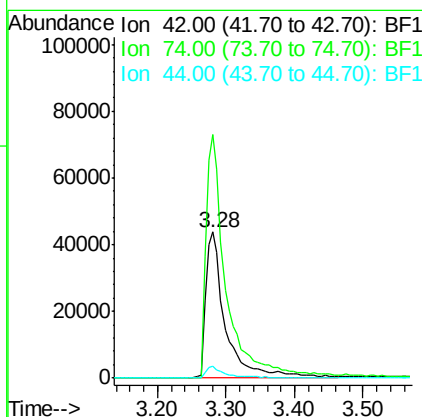
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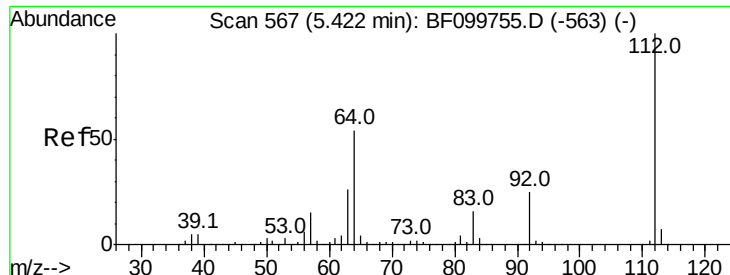
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#4
n-Nitrosodimethylamine
Concen: 41.781 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.07 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	167.0	104.9	157.3#
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 130.892 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

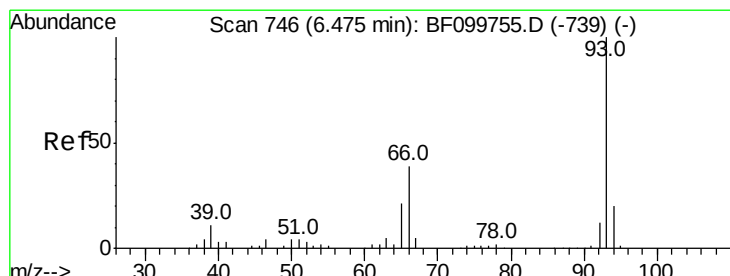
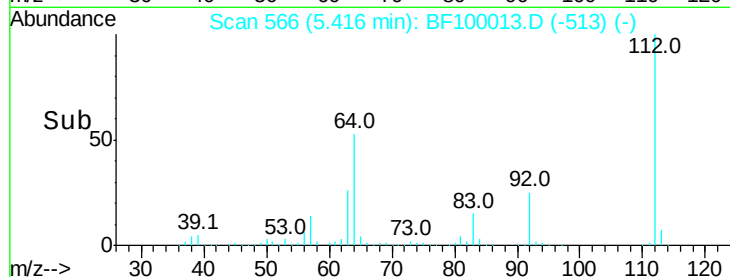
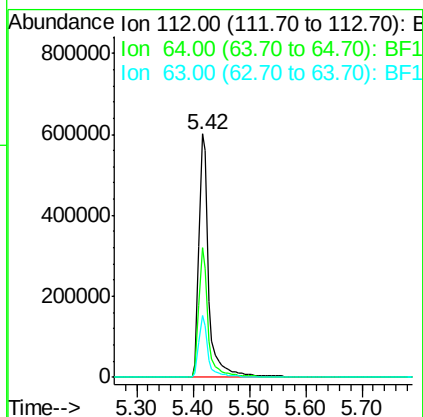
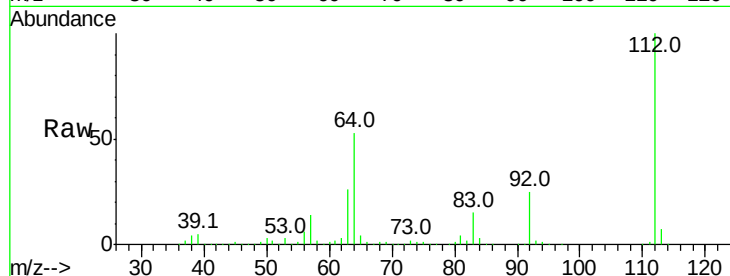
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		737621		
64	53.4		47.9	71.9	
63	25.6		23.7	35.5	

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#6

Aniline

Concen: 33.079 ng

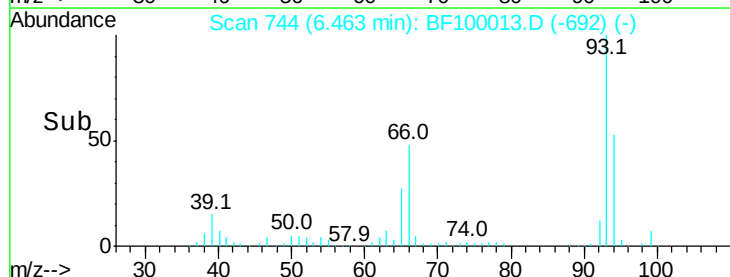
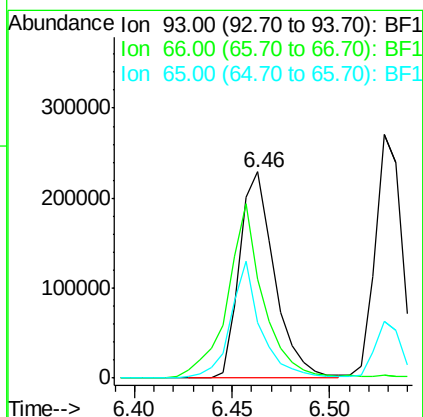
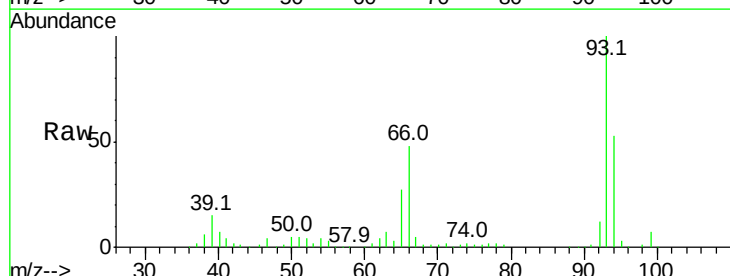
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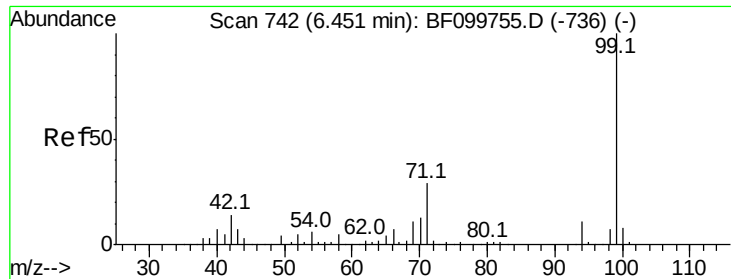
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		286595		
66	48.1		32.2	48.2	
65	26.7		16.4	24.6	





#7

Phenol-d6

Concen: 131.156 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

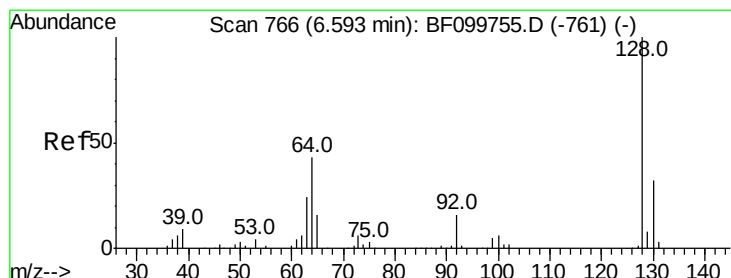
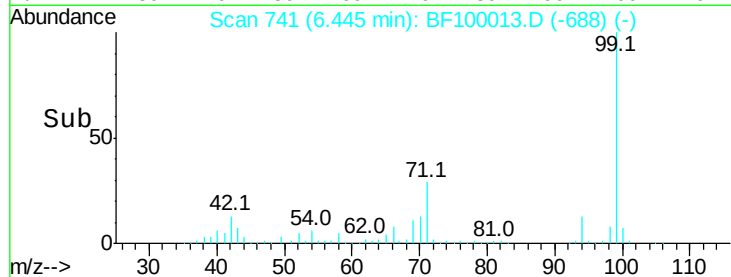
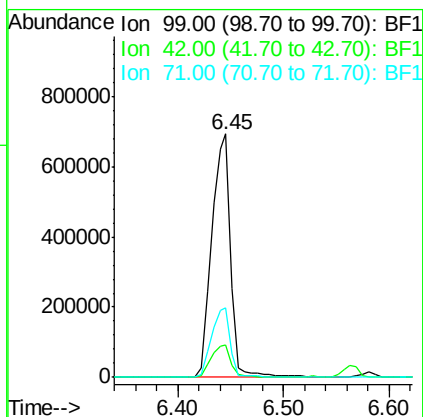
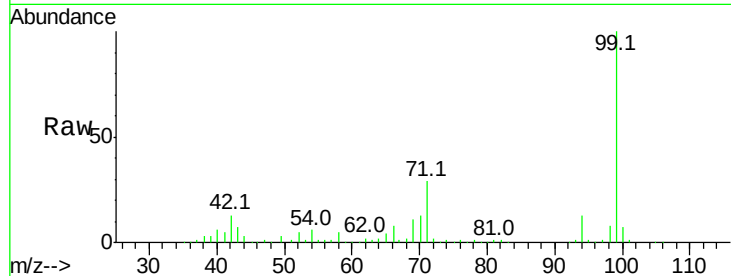
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EPE-120-3(20-22)MS

Tot Ion:	99	Resp:	876374
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	28.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 46.620 ng

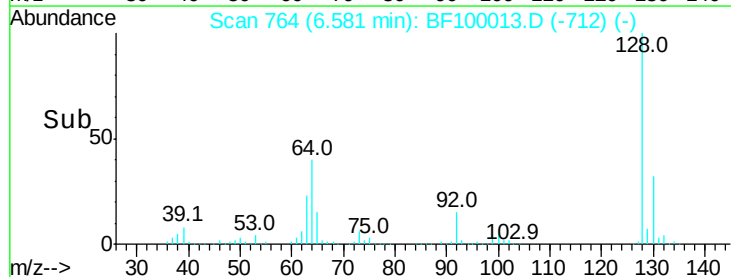
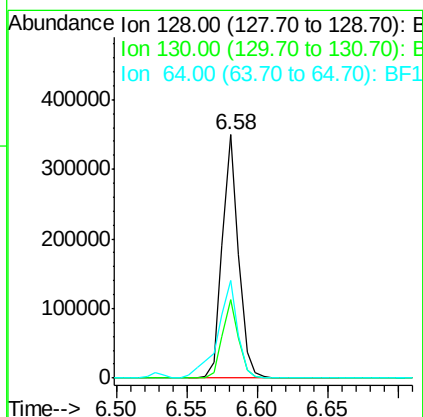
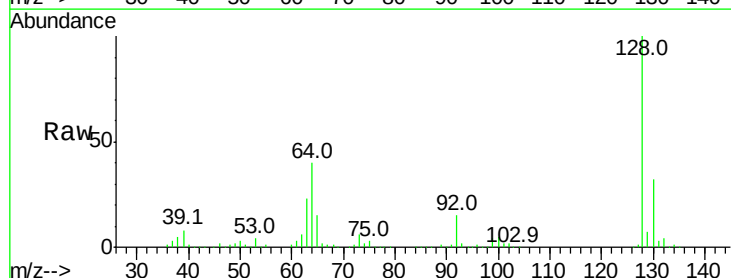
RT: 6.58 min Scan# 764

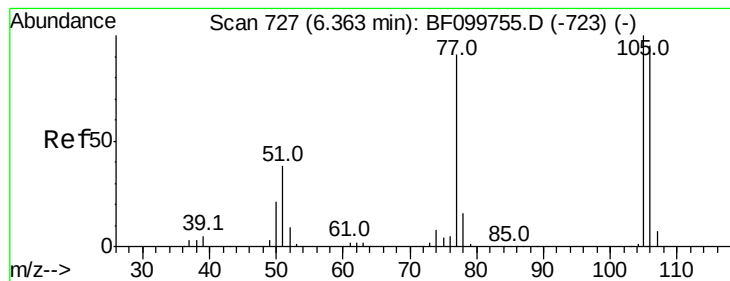
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	128	Resp:	280001
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	40.3	29.4	69.4





#9

Benzaldehyde

Concen: 32.367 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

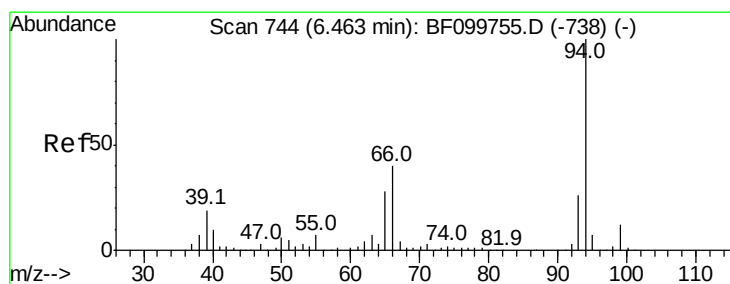
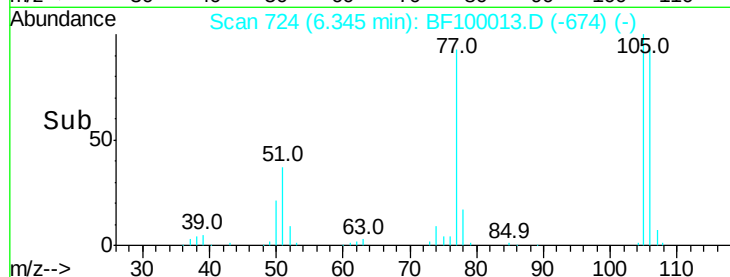
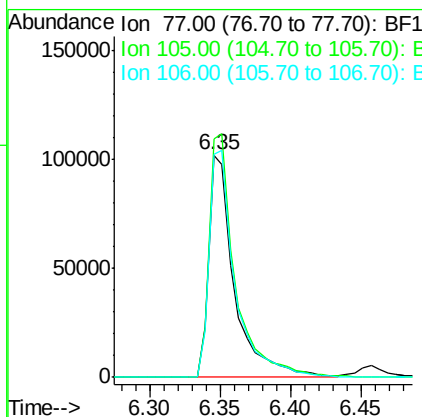
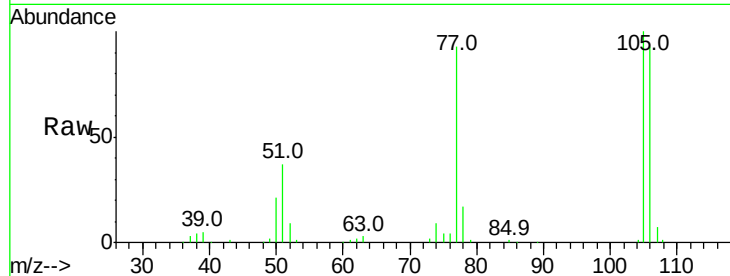
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	77	Resp:	129238
Ion	Ratio	Lower	Upper
77	100		
105	107.5	81.1	121.1
106	100.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 52.657 ng

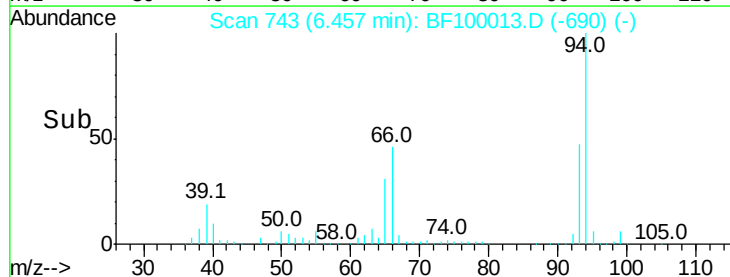
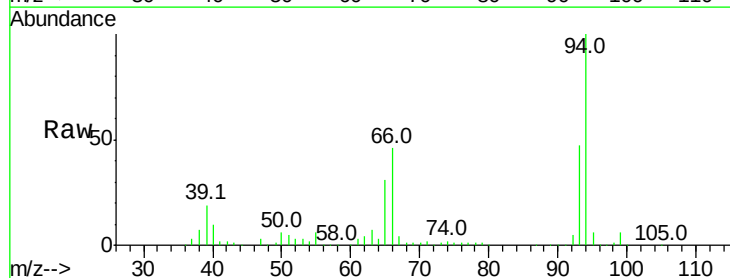
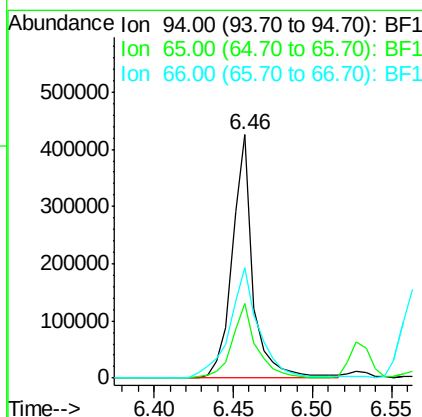
RT: 6.46 min Scan# 743

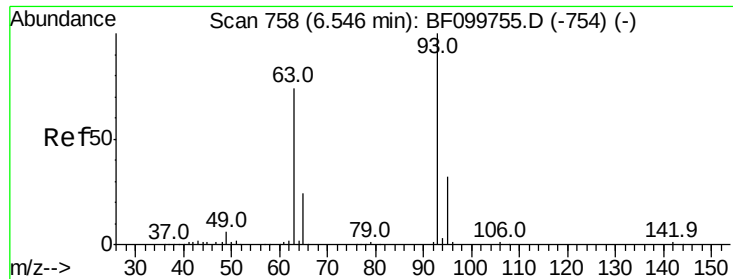
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	94	Resp:	386312
Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	45.6	16.2	56.2





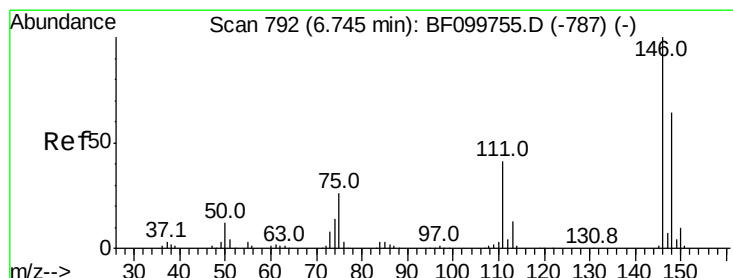
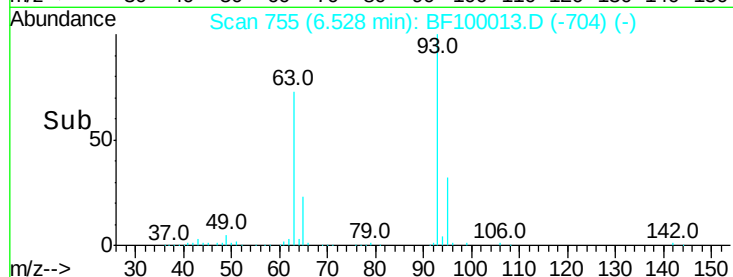
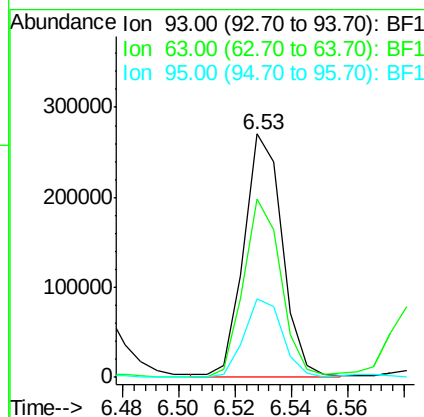
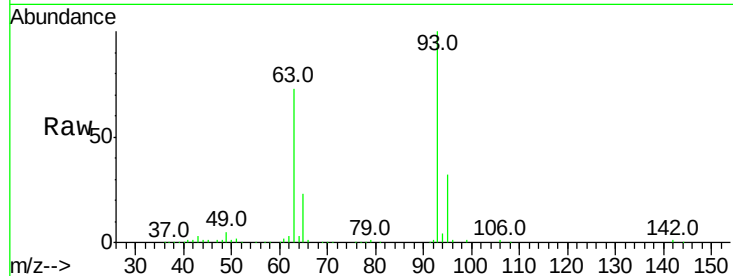
#11
bis(2-Chloroethyl)ether
Concen: 45.329 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	93	Resp	256803
Ion Ratio	100	Lower	Upper
93	100		
63	73.5	58.6	98.6
95	32.4	11.8	51.8

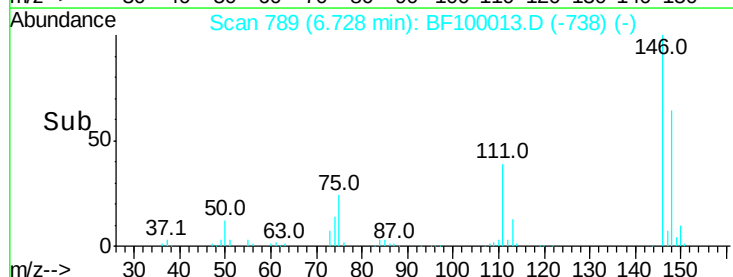
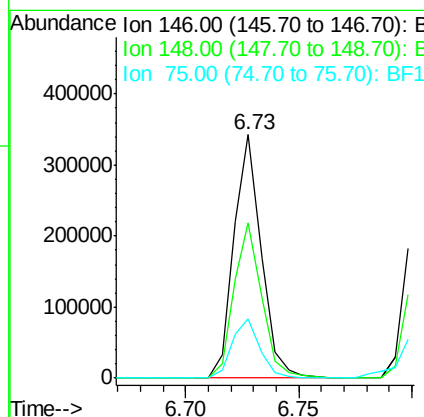
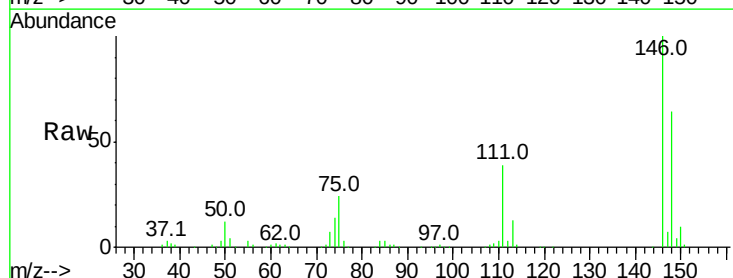
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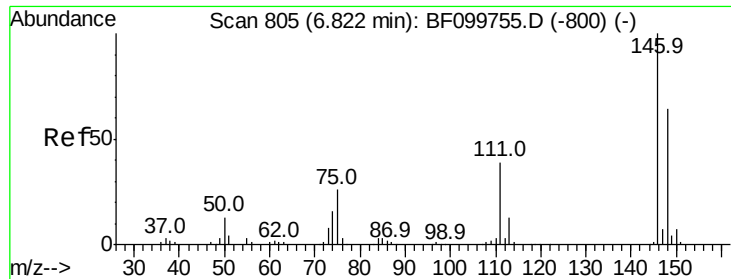
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.959 ng m
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	146	Resp	289707
Ion Ratio	100	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	24.2	24.2	36.4#





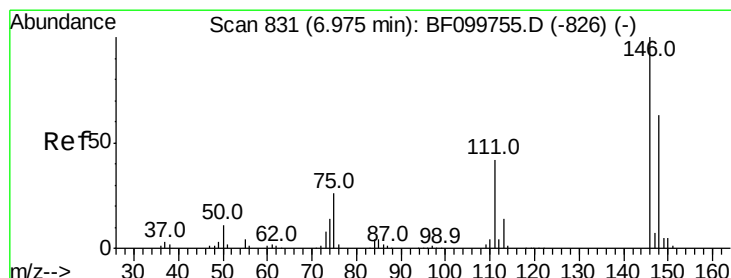
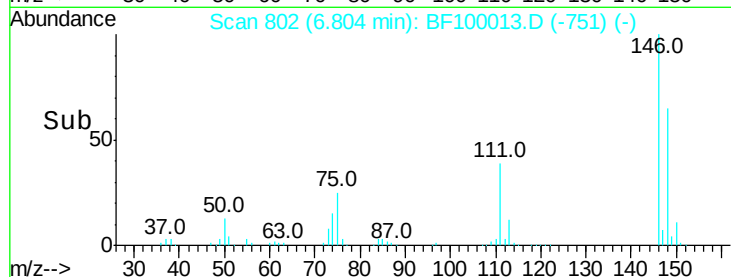
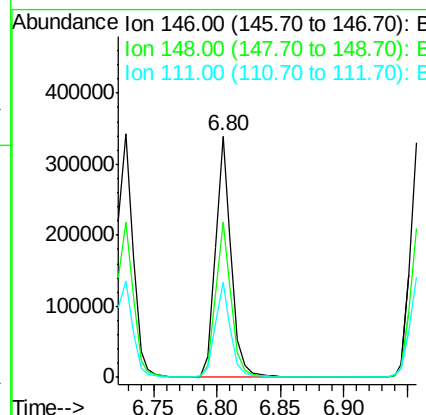
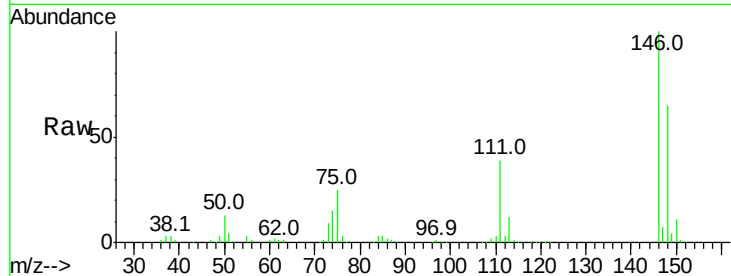
#13
 1,4-Dichlorobenzene
 Concen: 43.359 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	39.3	34.2	51.2

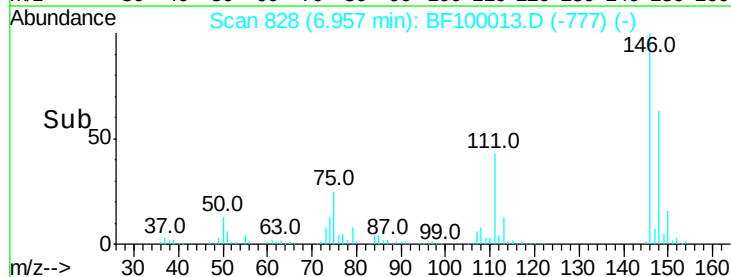
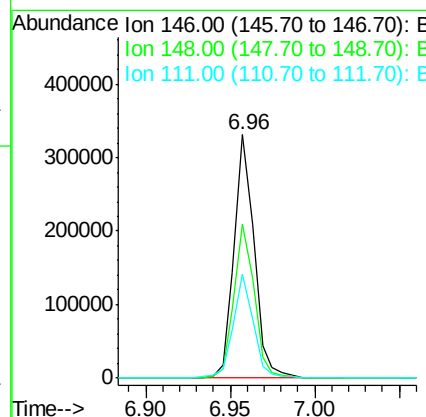
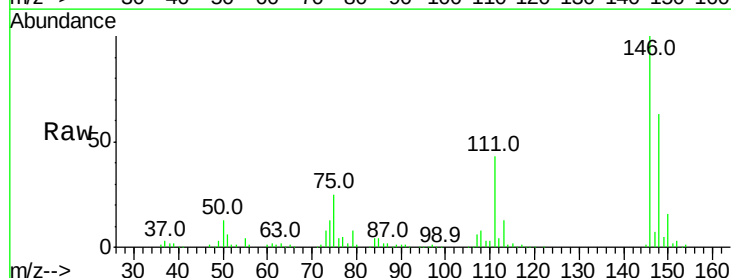
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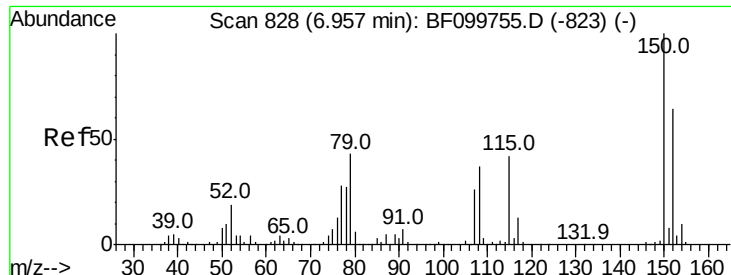
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.945 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	42.7	36.0	54.0





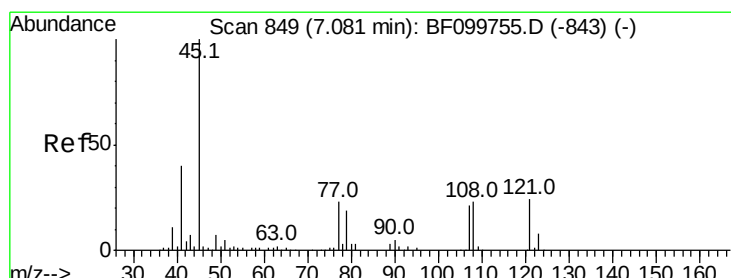
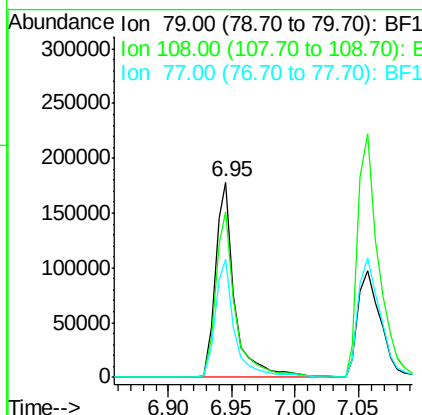
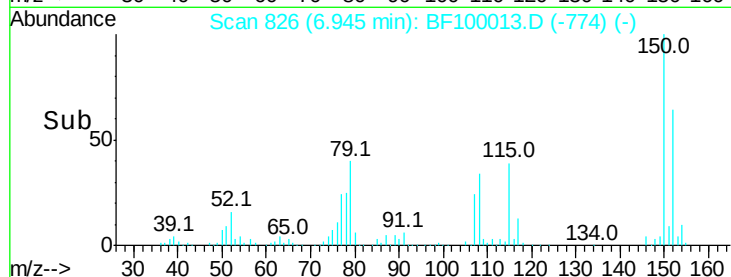
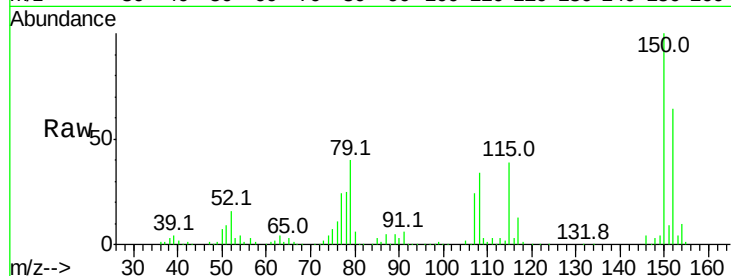
#15
Benzyl Alcohol
Concen: 45.297 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.0	65.1	97.7
77	60.7	50.6	75.8

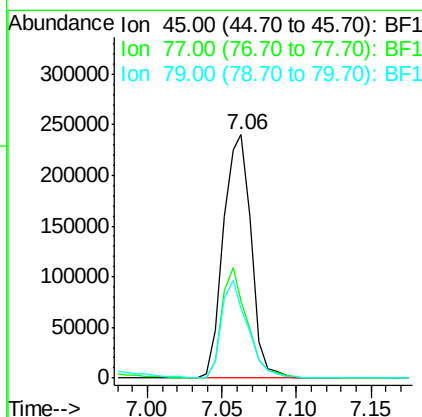
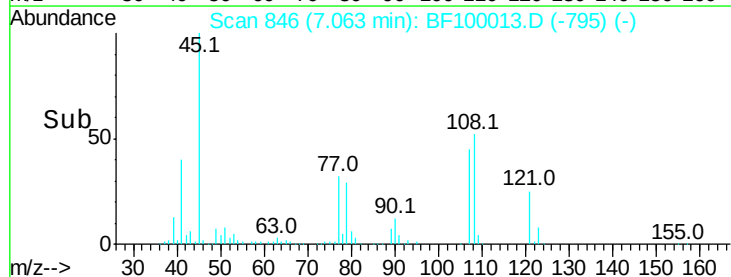
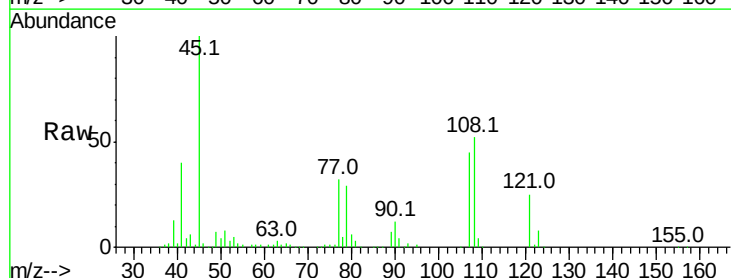
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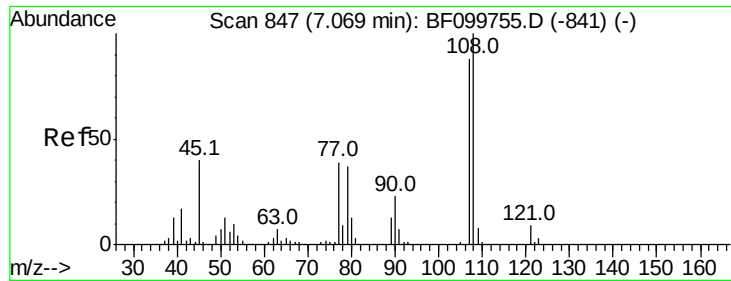
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.024 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.9	0.0	32.9
79	28.6	0.0	29.6





#17

2-Methylphenol

Concen: 44.943 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:107 Resp: 225792
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

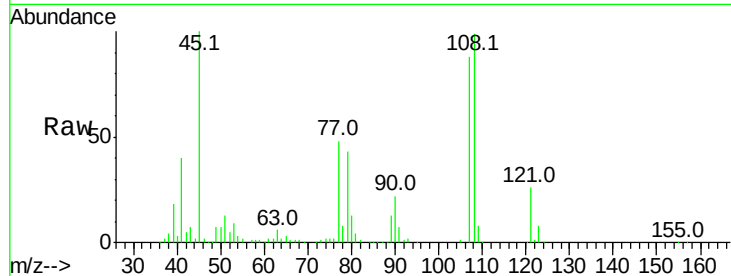
77 54.7 33.8 50.8#

79 48.9 33.8 50.8

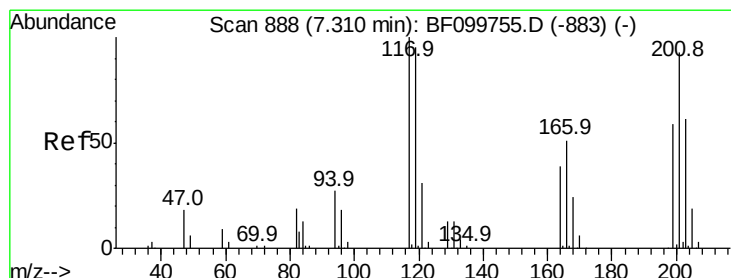
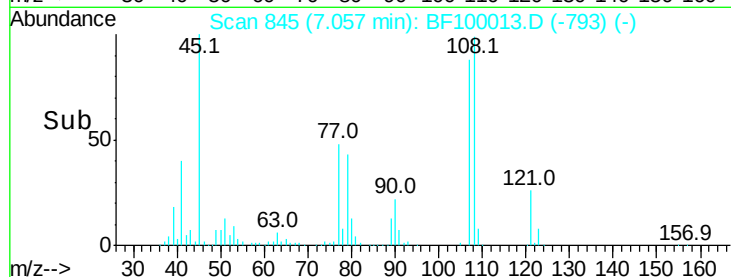
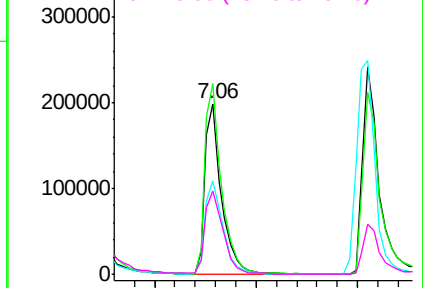
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.333 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

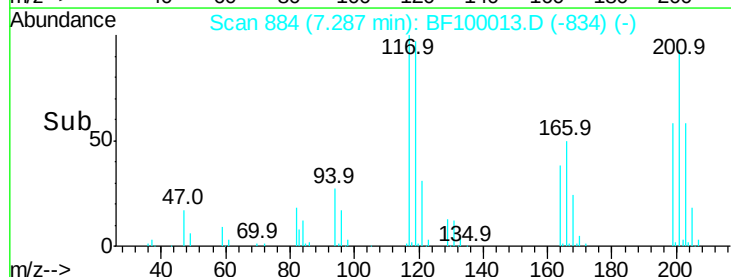
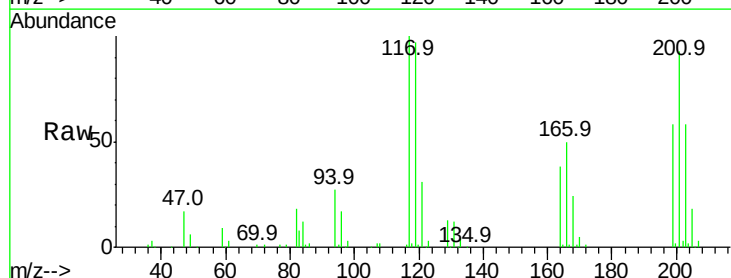
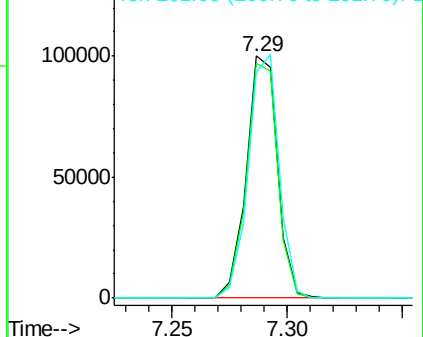
Tgt Ion:117 Resp: 94382
Ion Ratio Lower Upper

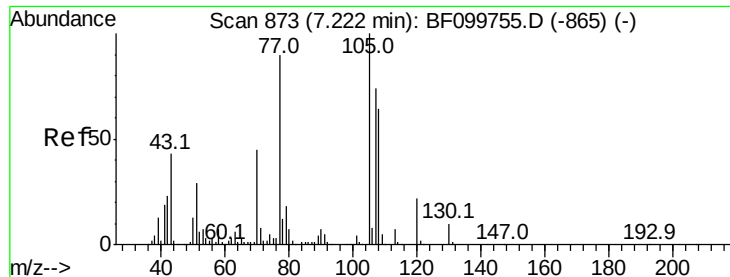
117 100

119 96.8 75.8 113.8

201 93.2 75.7 113.5

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





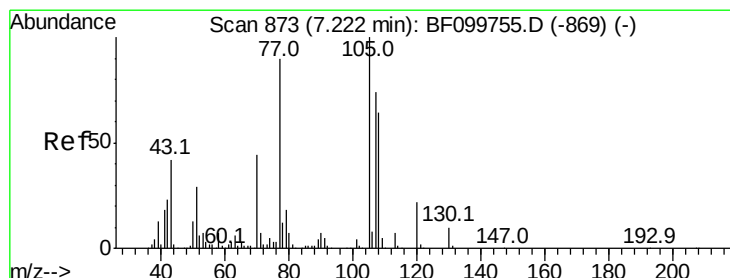
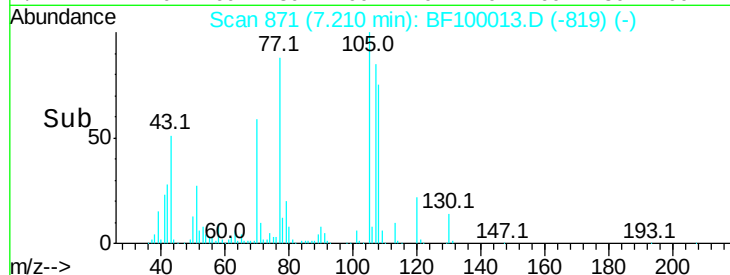
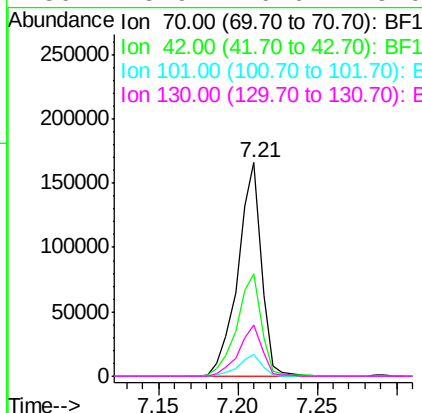
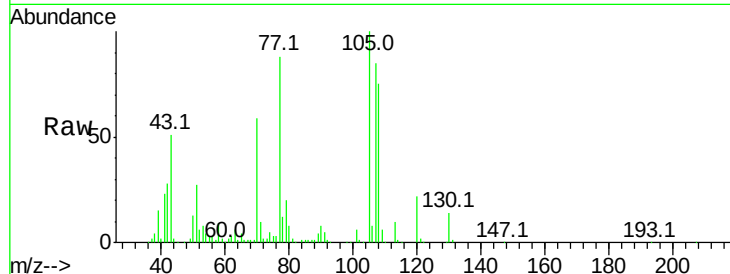
#19
n-Nitroso-di-n-propylamine
Concen: 43.459 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.9	47.5	71.3	
101	10.1	7.4	11.2	
130	23.9	16.6	25.0	

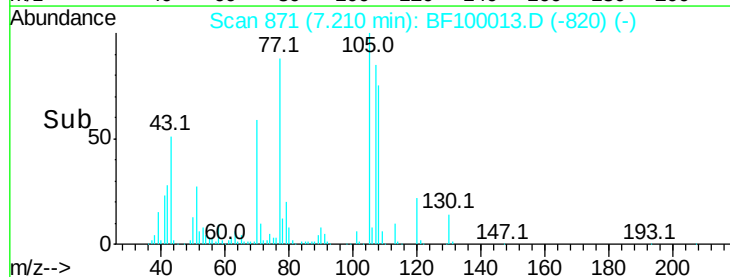
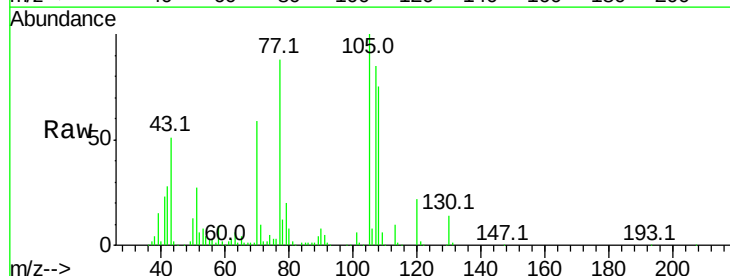
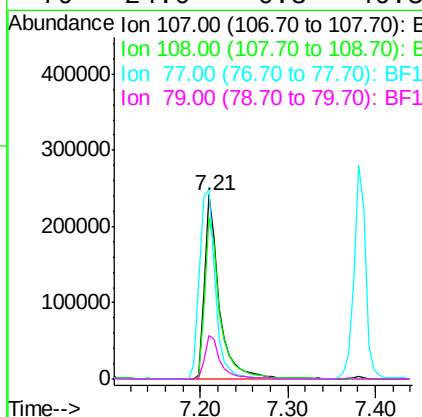
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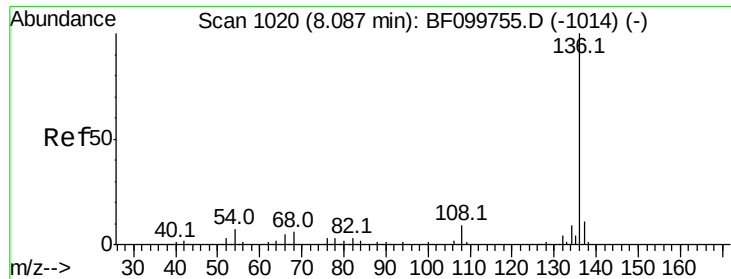
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#20
3+4-Methylphenols
Concen: 48.341 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	68.2	108.2	
77	103.1	26.7	66.7#	
79	24.0	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: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

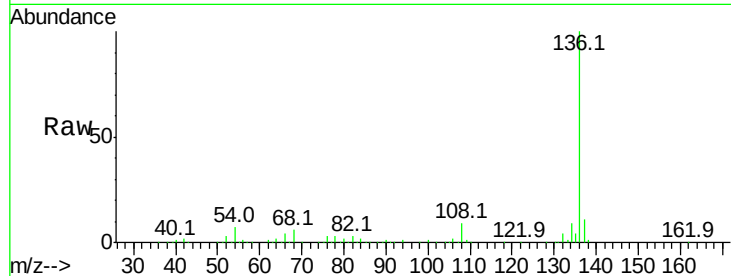
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.0	6.6	9.8	
68	5.9	5.0	7.4	

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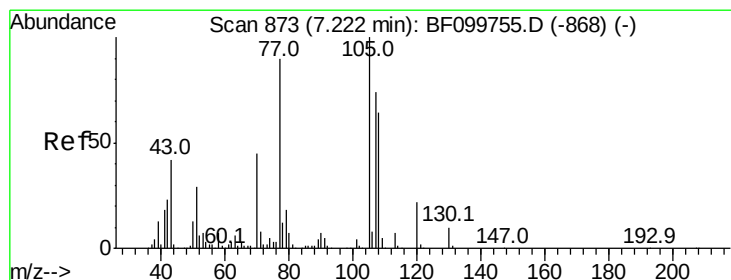
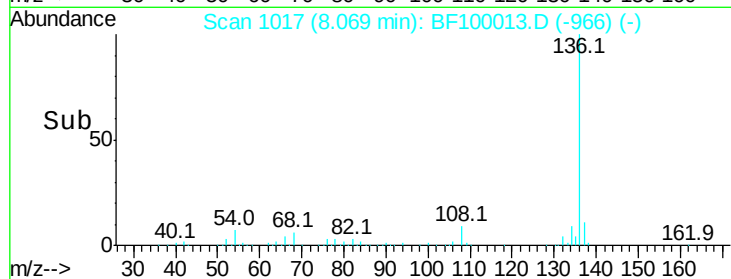
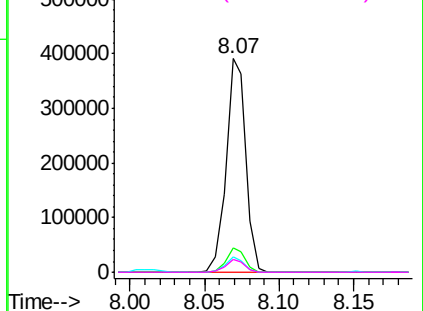


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.033 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

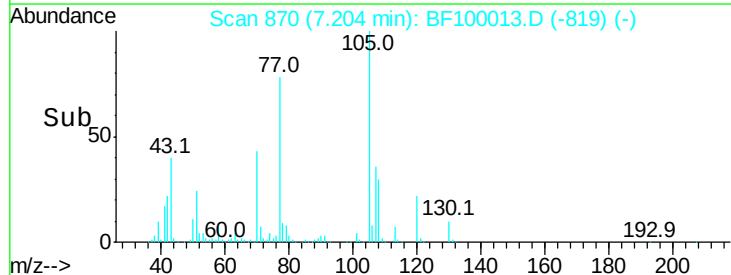
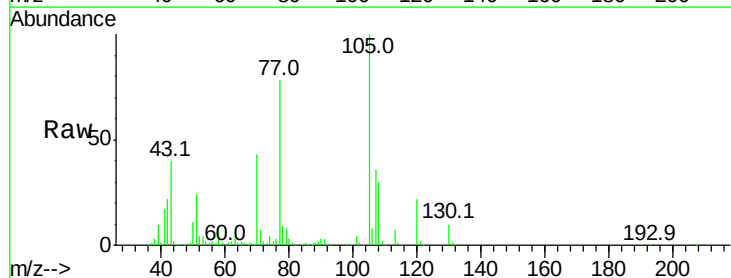
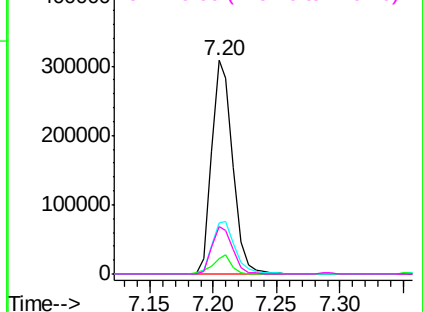
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6#	
51	23.9	22.3	33.5	
120	22.0	16.9	25.3	

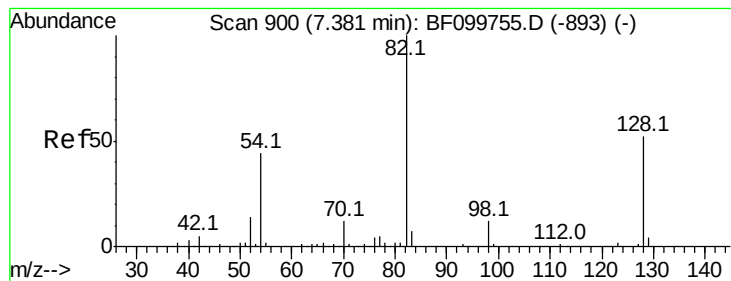
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.086 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

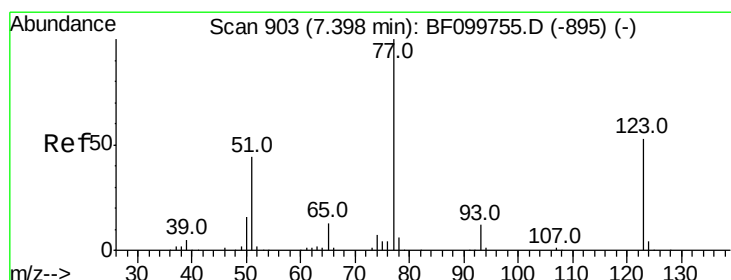
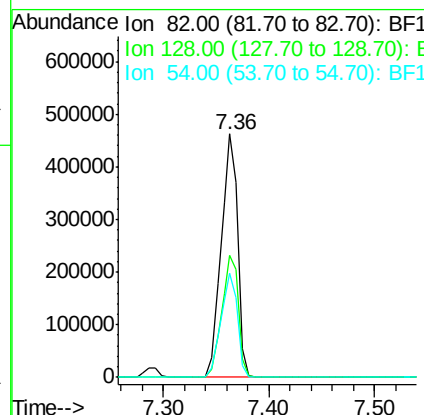
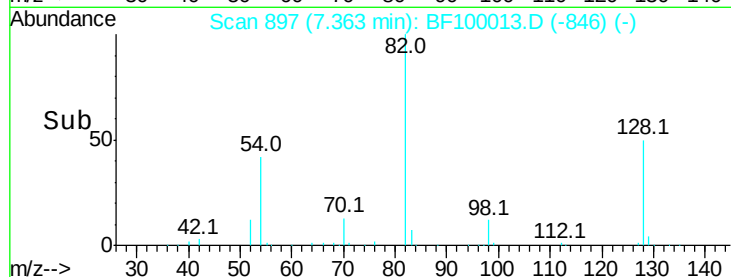
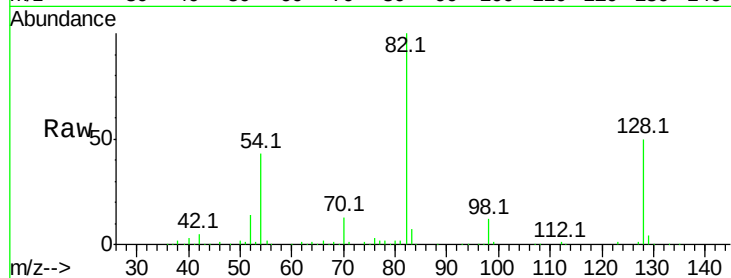
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	82	Resp:	511684
Ion Ratio	Lower	Upper	
82	100		
128	50.1	36.1	54.1
54	42.8	41.4	62.2

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#24

Nitrobenzene

Concen: 45.787 ng

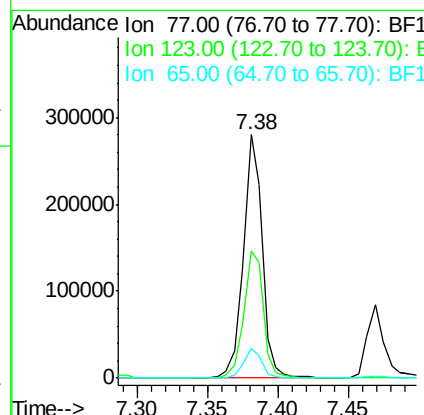
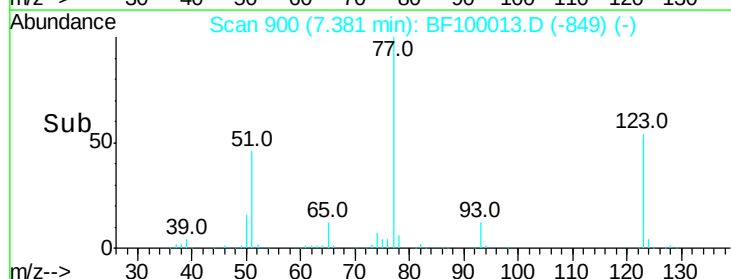
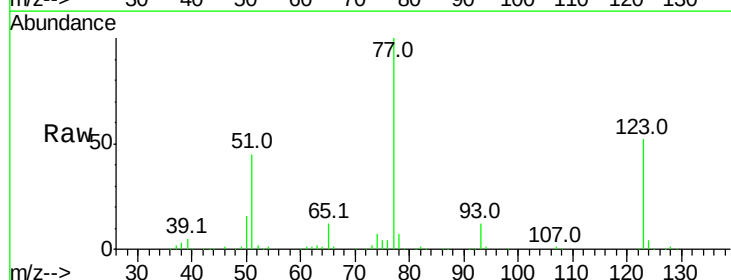
RT: 7.38 min Scan# 900

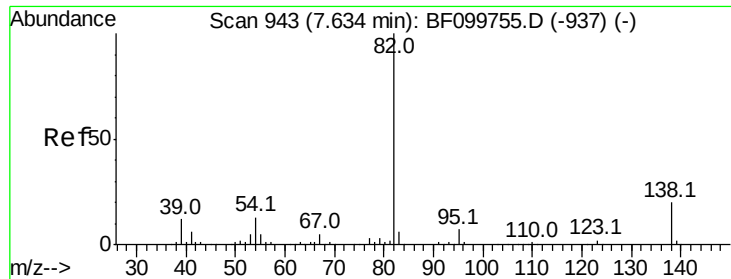
Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	77	Resp:	262042
Ion Ratio	Lower	Upper	
77	100		
123	52.3	37.9	56.9
65	12.1	11.0	16.4





#25

Isophorone

Concen: 49.481 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

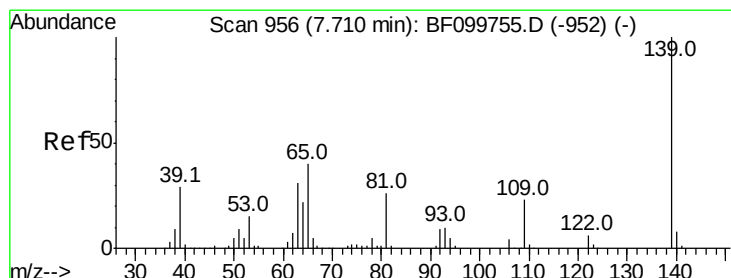
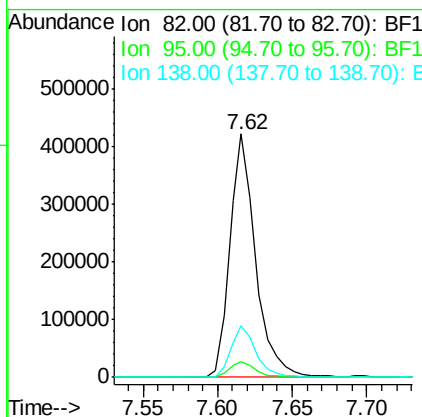
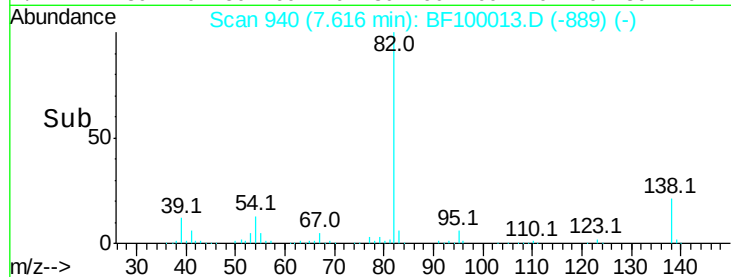
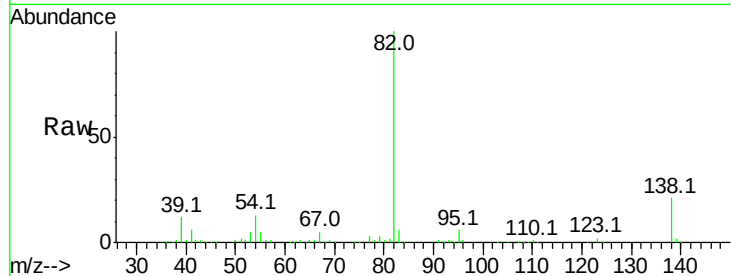
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	82	Resp:	509987
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.2	7.8
138	21.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.702 ng

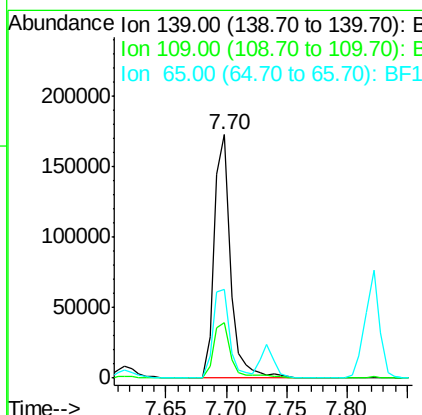
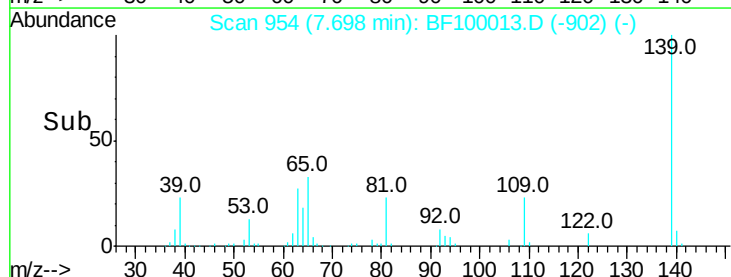
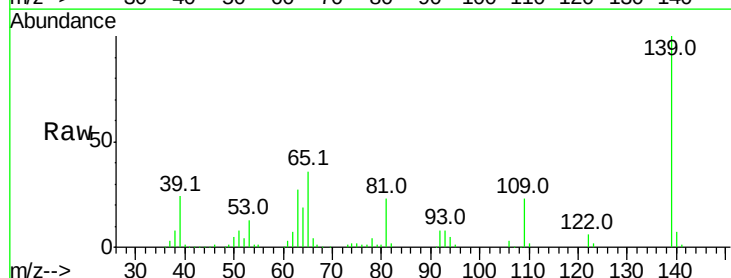
RT: 7.70 min Scan# 954

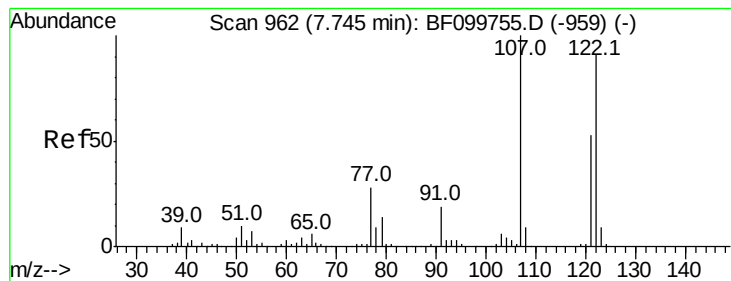
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	139	Resp:	159638
Ion Ratio		Lower	Upper
139	100		
109	22.6	22.7	34.1#
65	36.3	40.5	60.7#





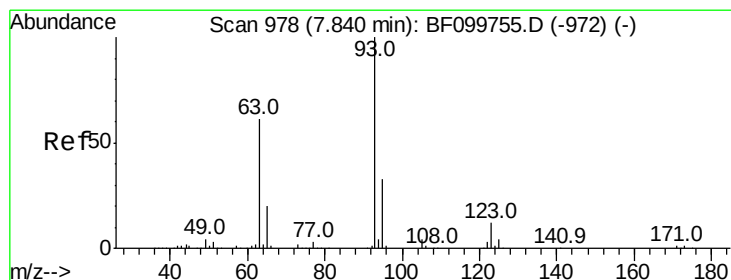
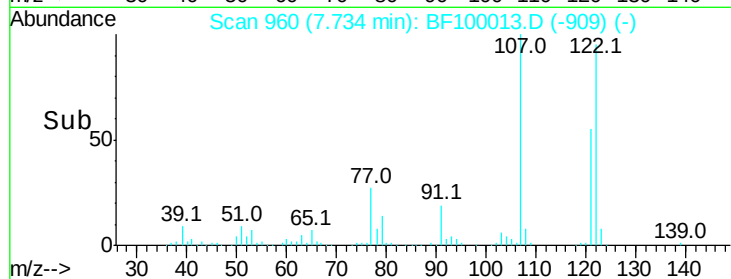
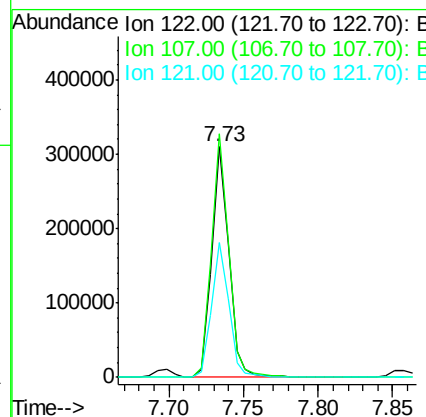
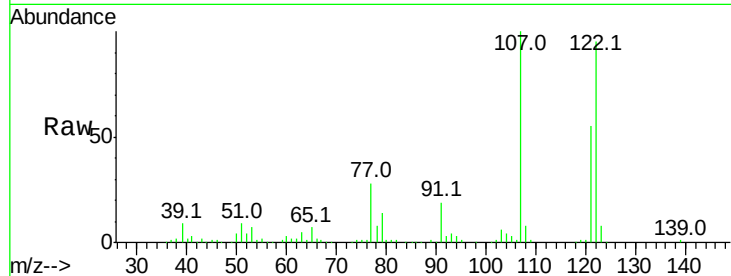
#27
 2,4-Dimethylphenol
 Concen: 51.292 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	247725		
107	105.5	91.2	136.8	
121	58.2	47.2	70.8	

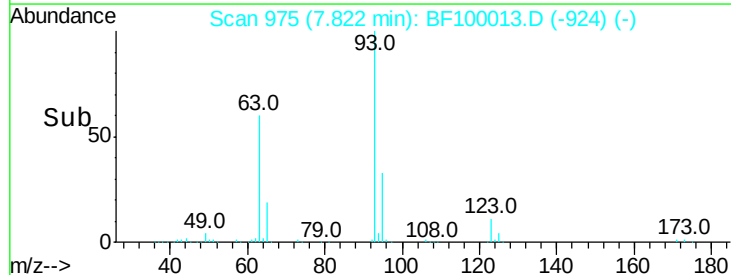
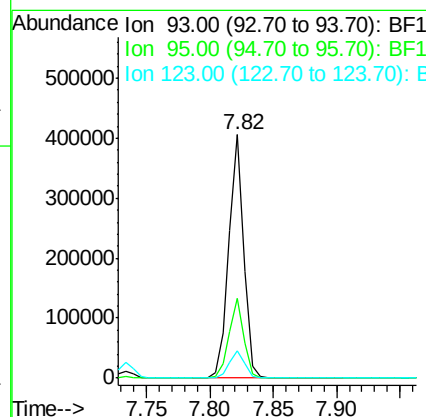
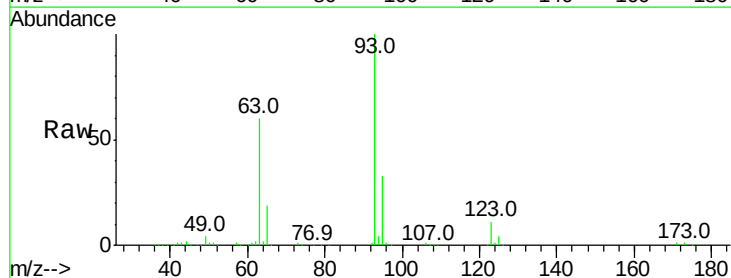
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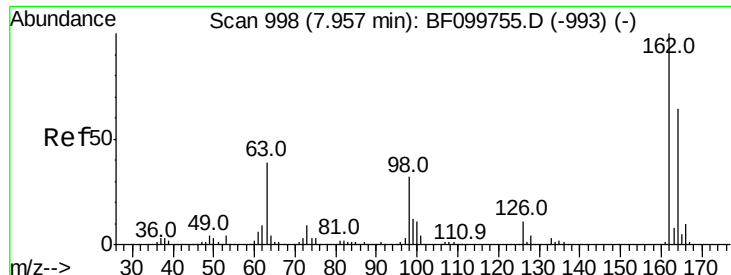
Sohil
 11/1/2017 2:37:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.295 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	334162		
95	32.8	26.3	39.5	
123	11.4	9.8	14.6	





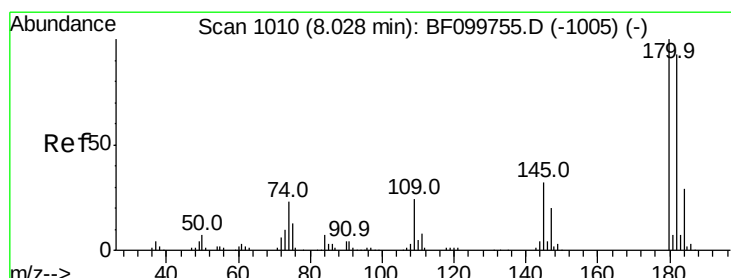
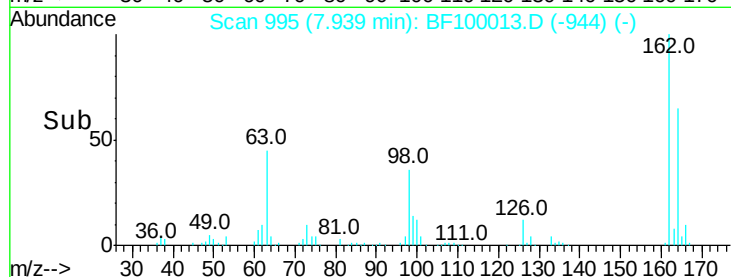
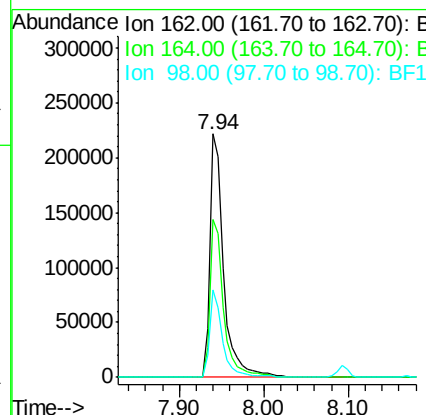
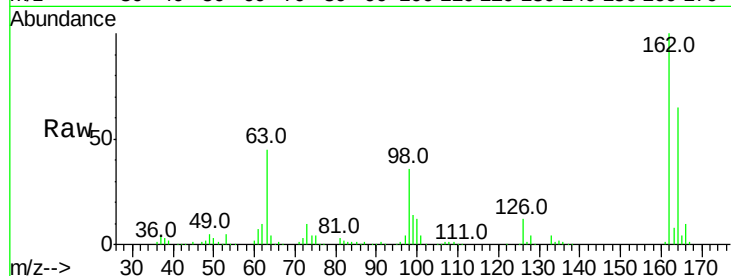
#29
2,4-Dichlorophenol
Concen: 49.696 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	42.7	82.7
98	35.8	18.1	58.1

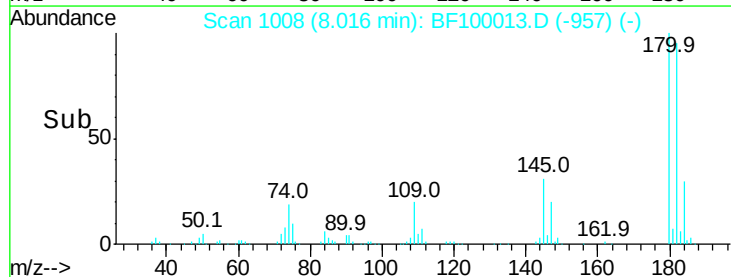
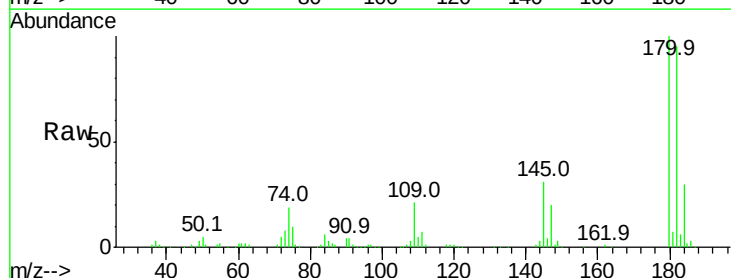
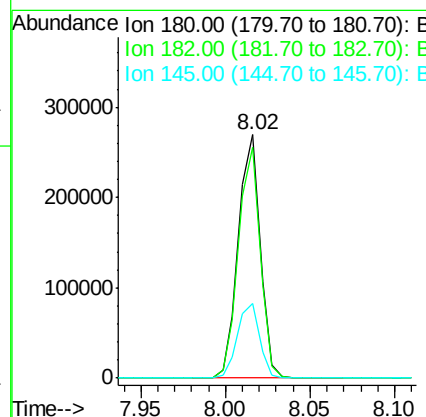
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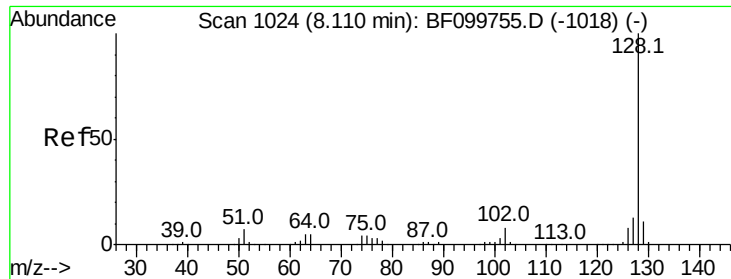
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#30
1,2,4-Trichlorobenzene
Concen: 45.259 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	76.8	115.2
145	30.6	26.5	39.7





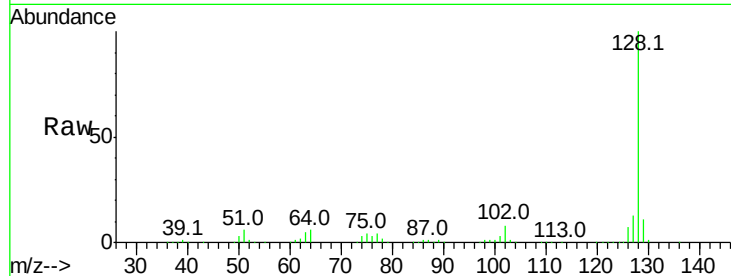
#31
Naphthalene
Concen: 44.851 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

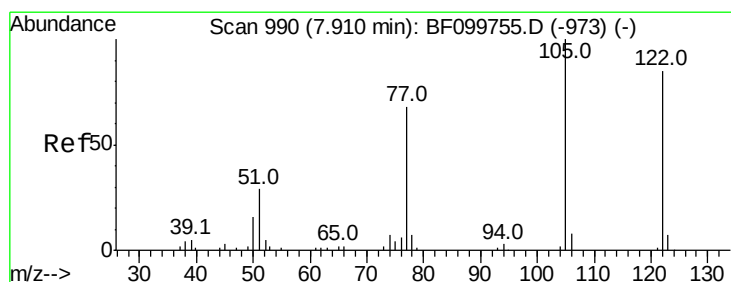
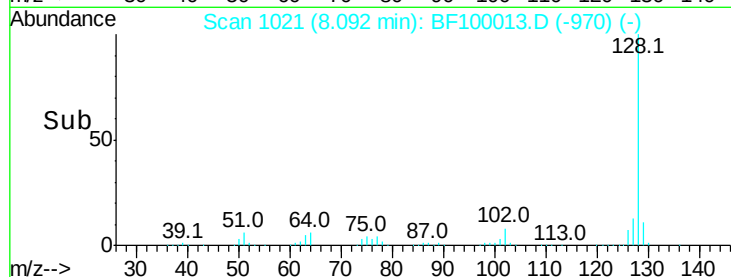
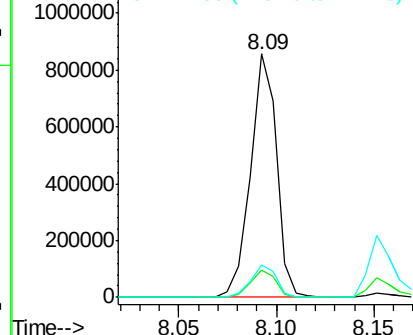
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.2	10.9	16.3	

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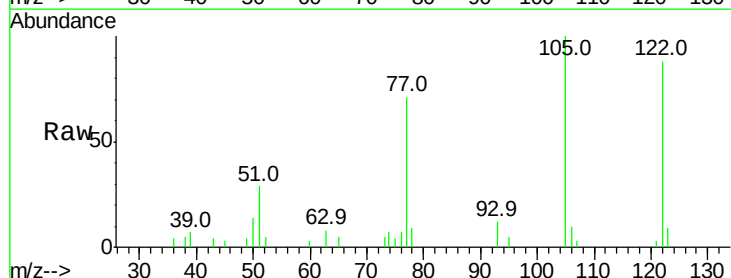


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

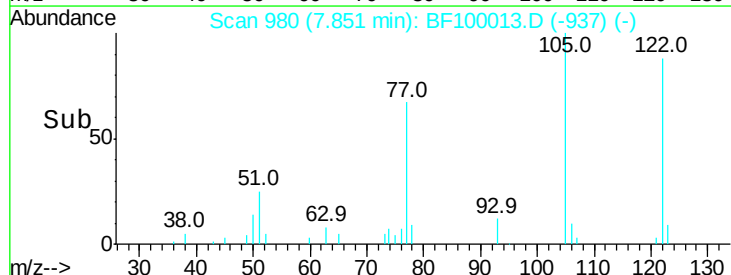
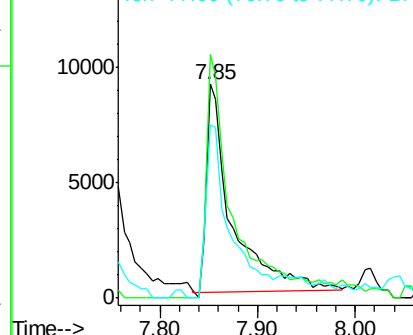


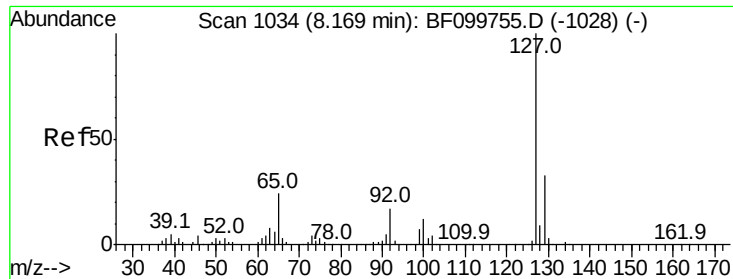
#32
Benzoic acid
Concen: 3.876 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	113.8	101.1	141.1	
77	80.8	70.7	110.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





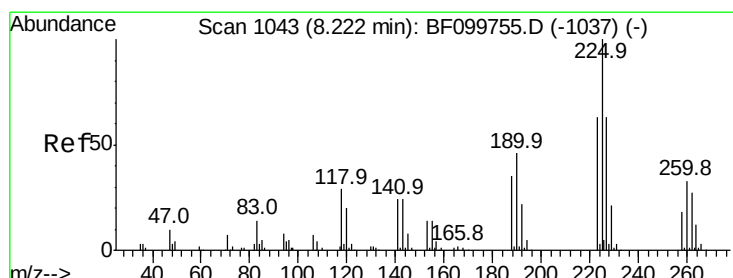
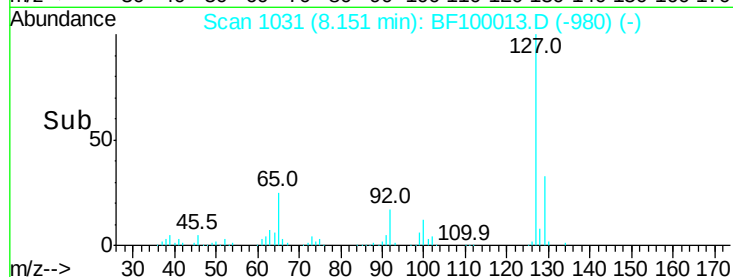
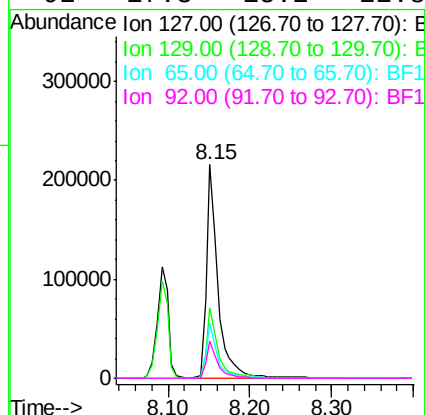
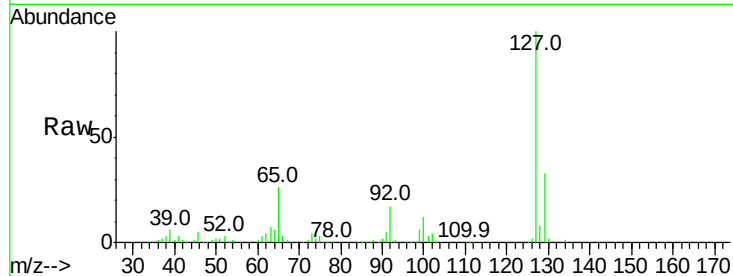
#33
4-Chloroaniline
Concen: 29.371 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	25.6	25.0	37.4		
92	17.3	15.2	22.8		

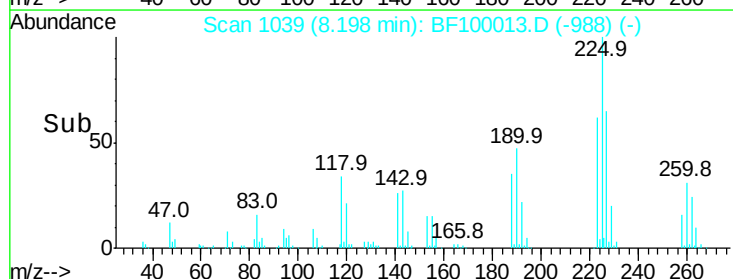
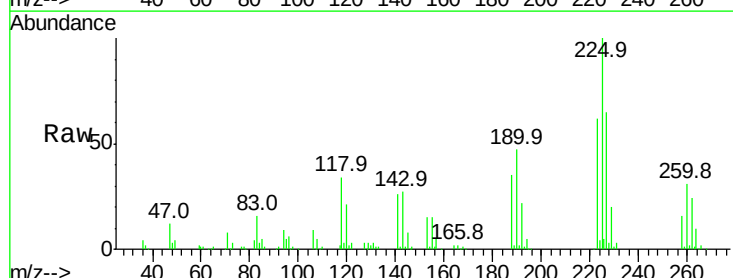
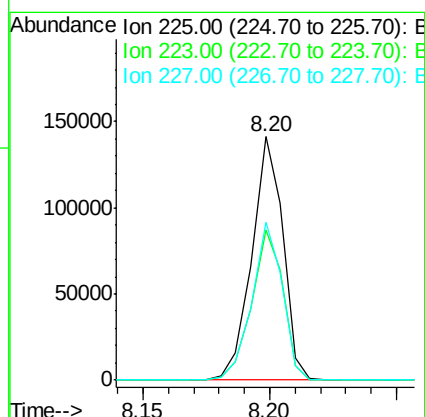
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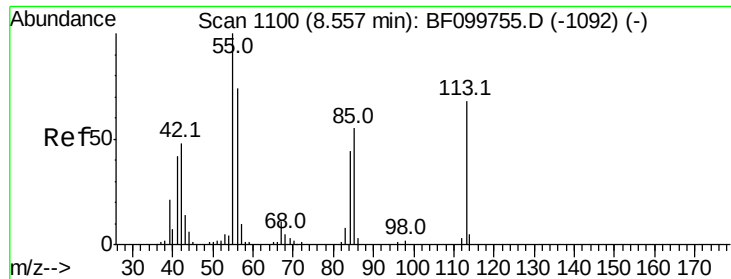
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#34
Hexachlorobutadiene
Concen: 43.787 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.6	76.0		
227	65.0	51.9	77.9		





#35

Caprolactam

Concen: 46.861 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

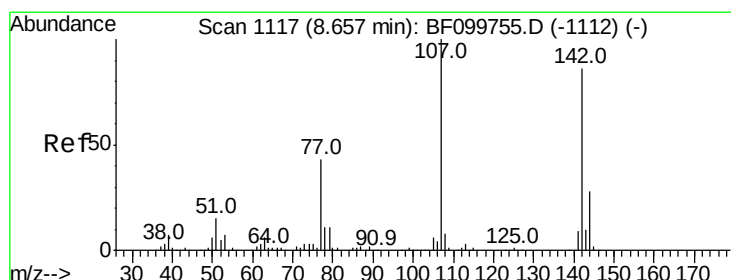
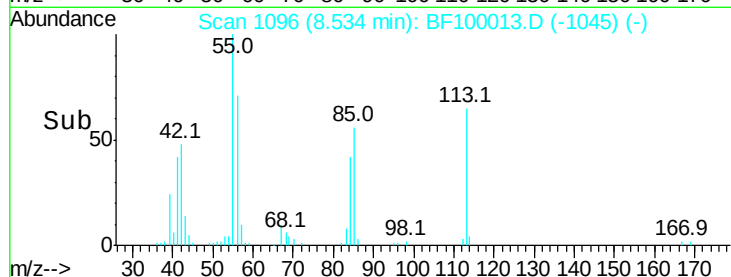
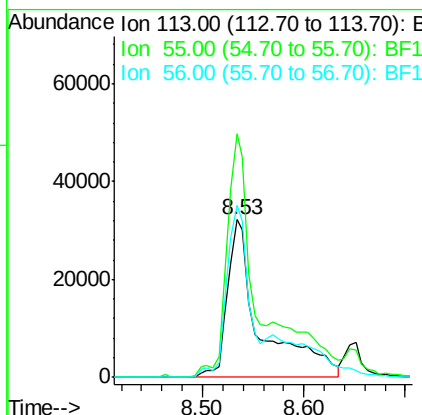
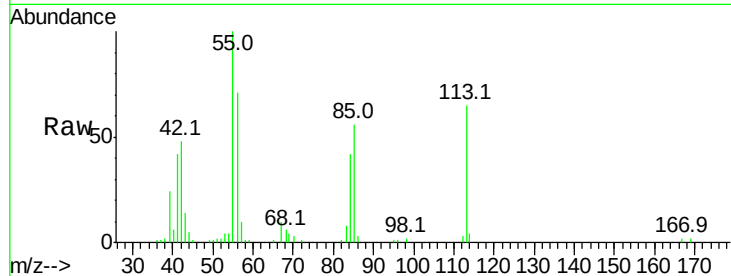
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:113 Resp: 73936
 Ion Ratio Lower Upper
 113 100
 55 154.3 163.3 203.3#
 56 109.1 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 47.463 ng

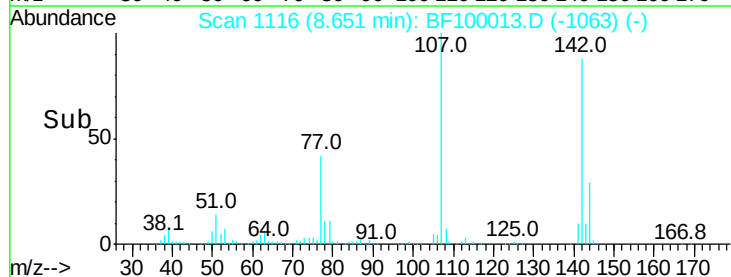
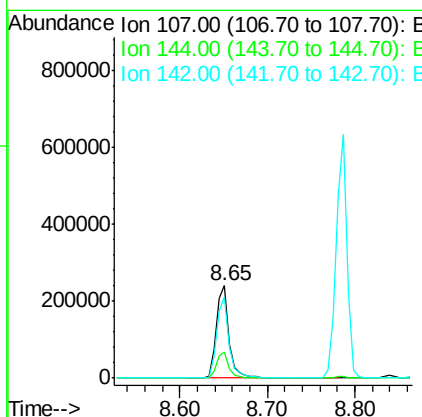
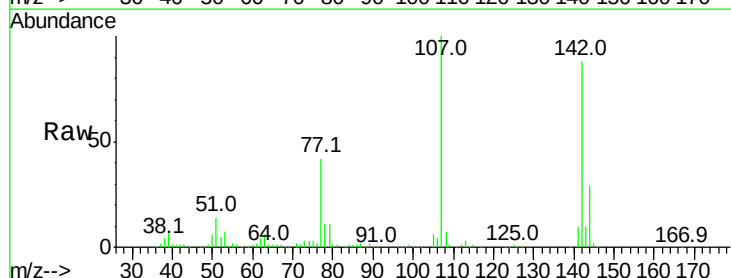
RT: 8.65 min Scan# 1116

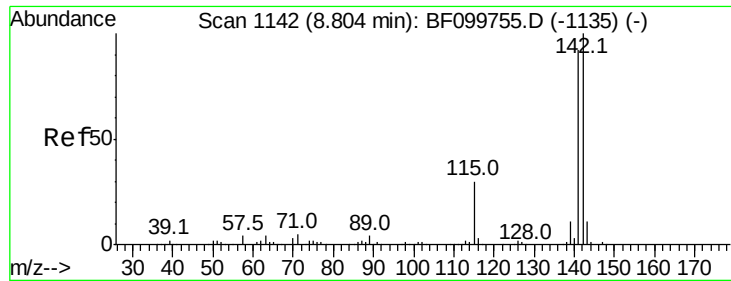
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:107 Resp: 243052
 Ion Ratio Lower Upper
 107 100
 144 28.7 20.5 30.7
 142 88.4 62.0 93.0





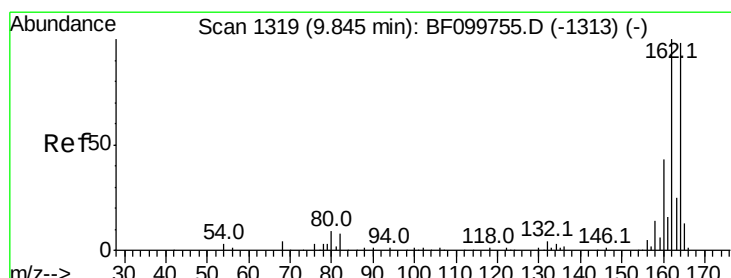
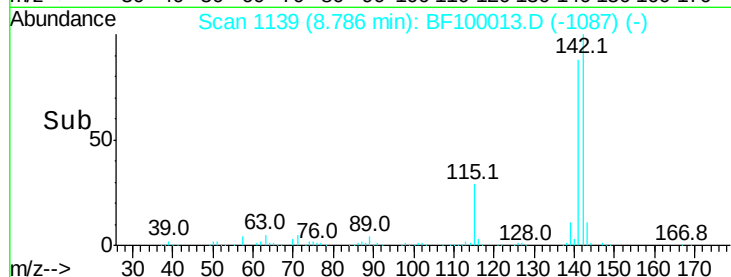
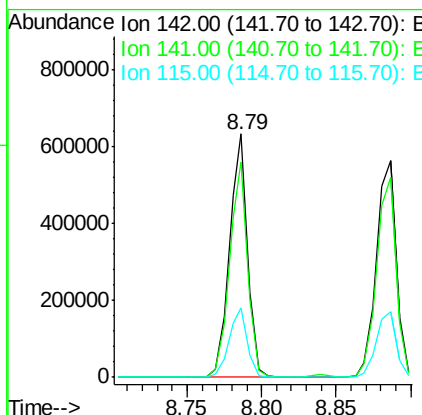
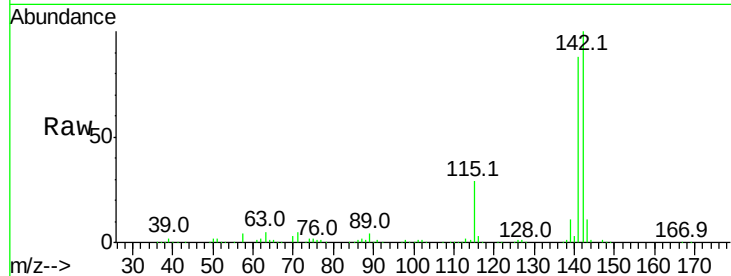
#37
 2-Methylnaphthalene
 Concen: 45.900 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	28.7	26.1	39.1

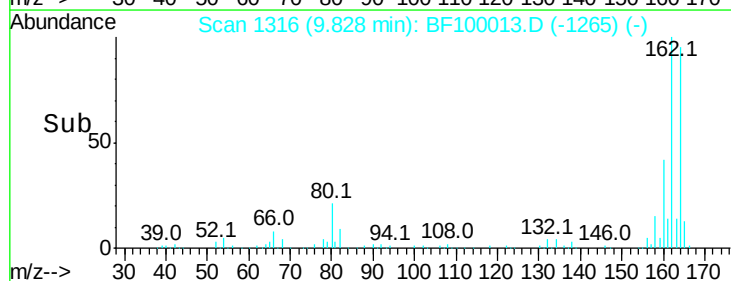
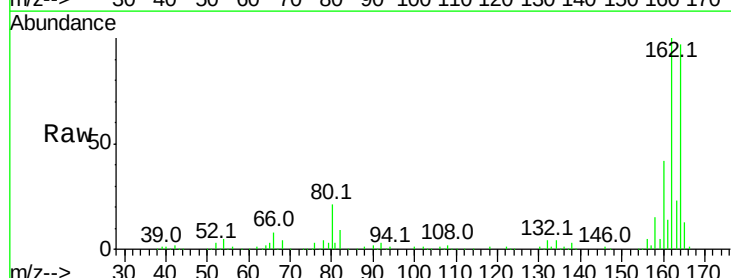
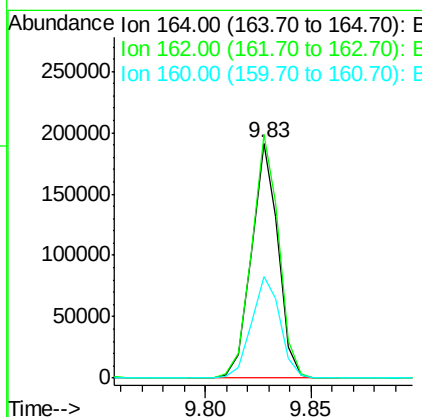
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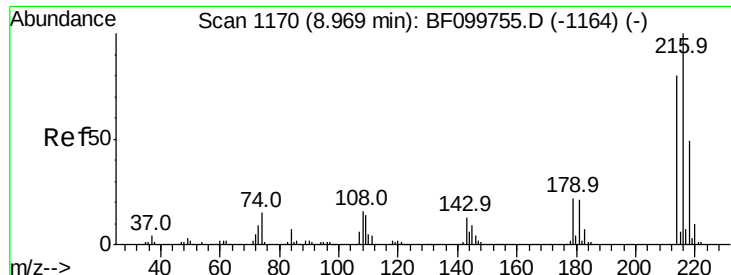
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	43.4	38.3	57.5





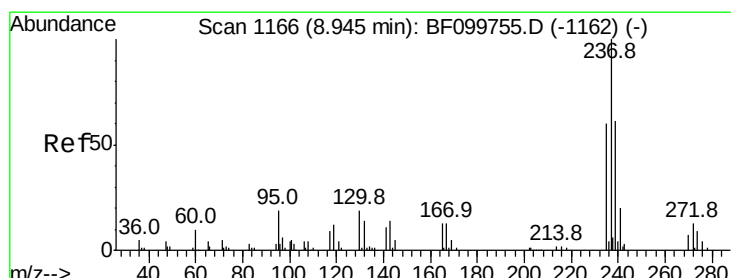
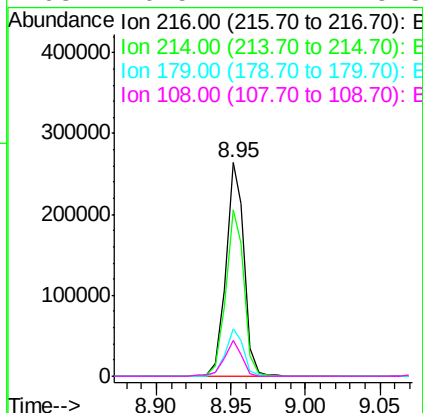
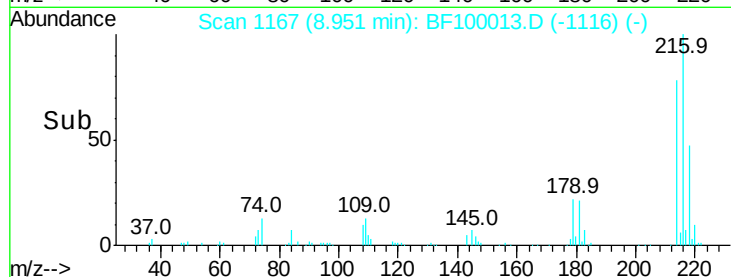
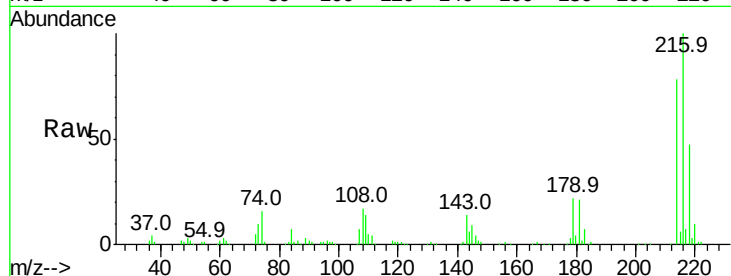
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.214 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	227878		
214	78.0	63.0	94.4	
179	21.5	18.1	27.1	
108	16.5	17.2	25.8	

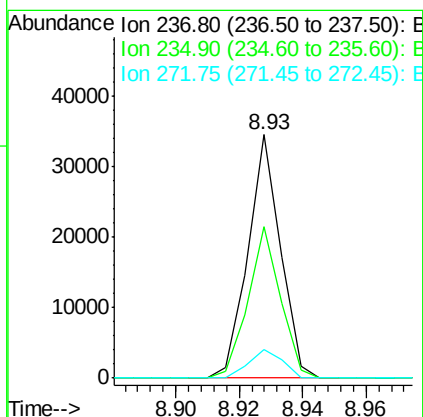
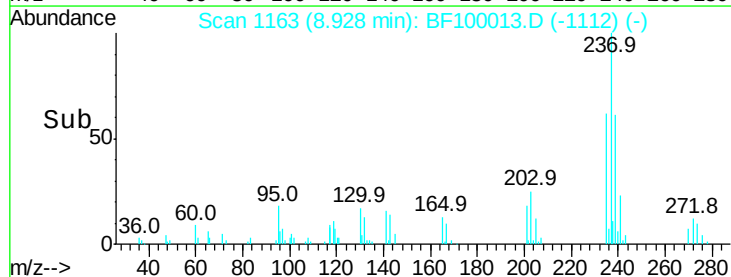
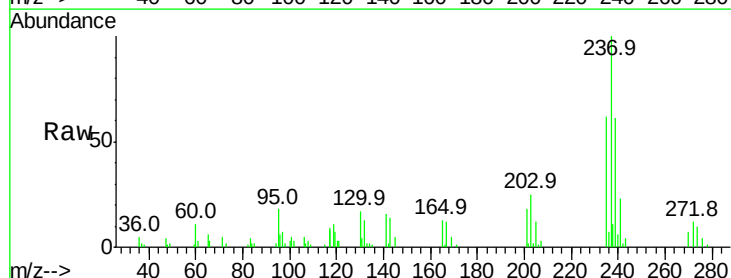
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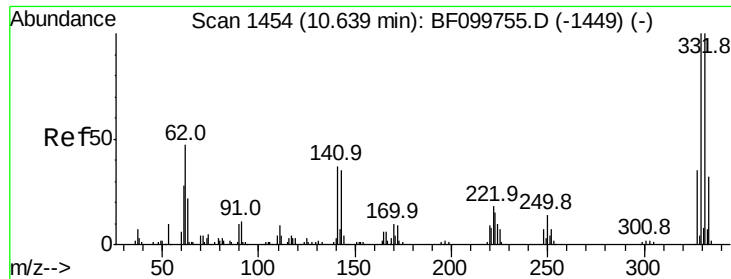
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#40
 Hexachlorocyclopentadiene
 Concen: 33.321 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	24481		
235	62.0	44.8	84.8	
272	11.9	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 125.336 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

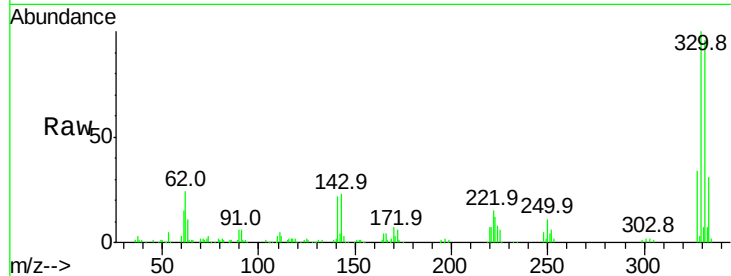
ClientSampleId :

EPE-120-3(20-22)MS

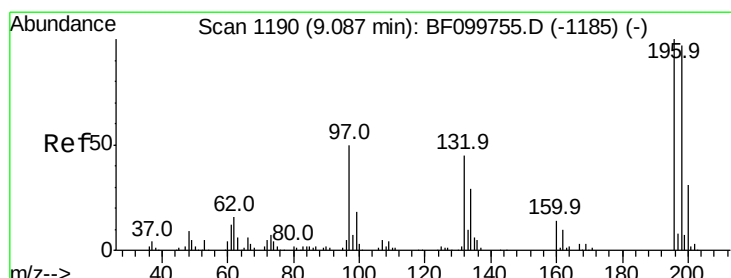
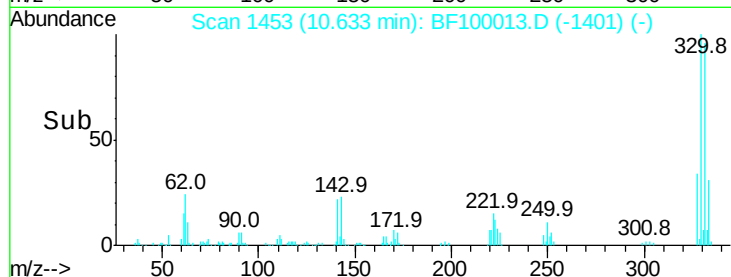
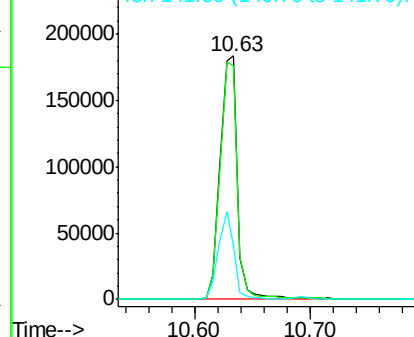
Tot Ion:	330	Resp:	190906
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	32.6	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 48.348 ng

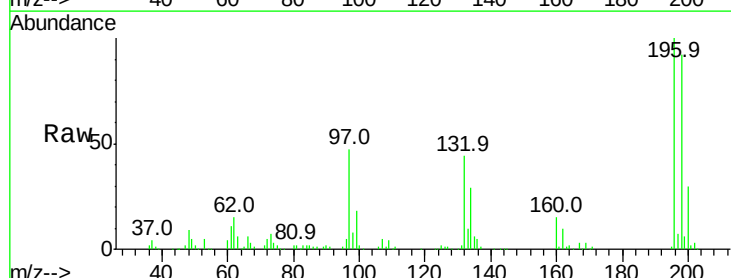
RT: 9.07 min Scan# 1188

Delta R.T. 0.01 min

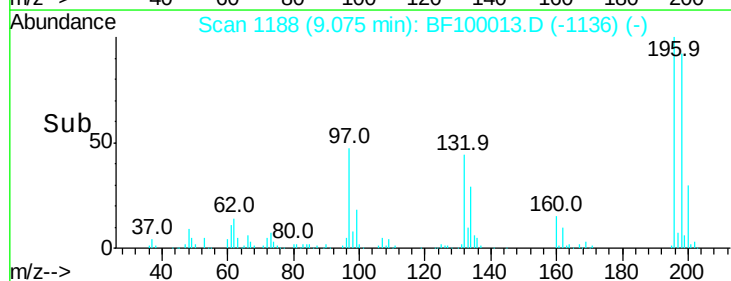
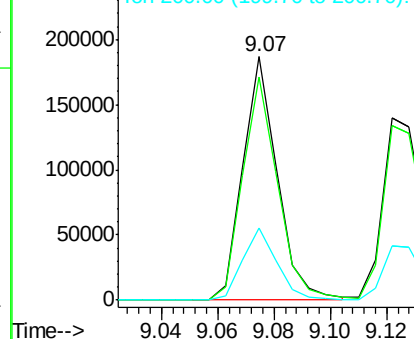
Lab File: BF100013.D

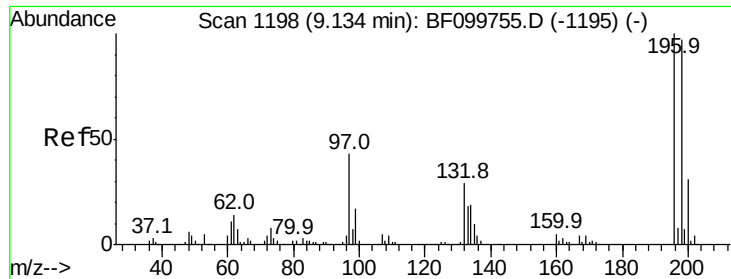
Acq: 31 Oct 2017 19:42

Tgt Ion:	196	Resp:	157867
Ion Ratio	Lower	Upper	
196	100		
198	91.6	75.7	113.5
200	29.6	24.5	36.7



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





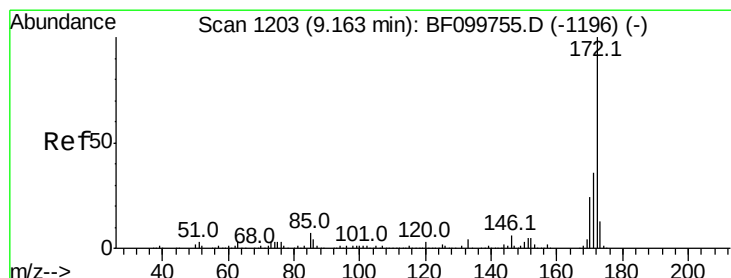
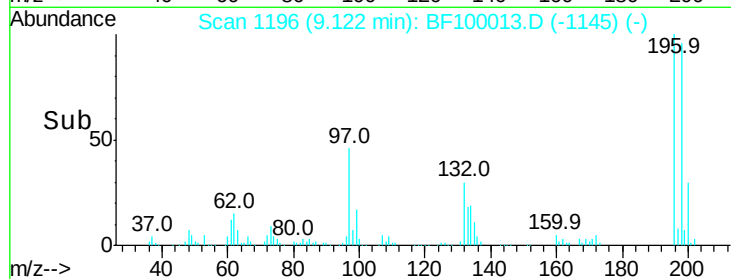
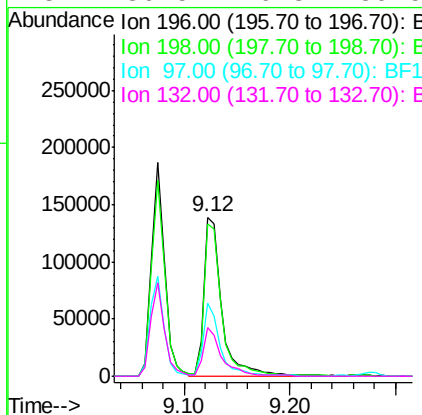
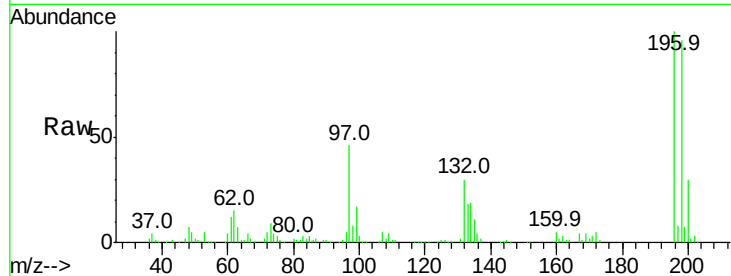
#43
 2,4,5-Trichlorophenol
 Concen: 46.597 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	196	Resp	161459
Ion Ratio	Lower	Upper	
196	100		
198	95.7	74.6	112.0
97	45.5	42.9	64.3
132	30.5	26.3	39.5

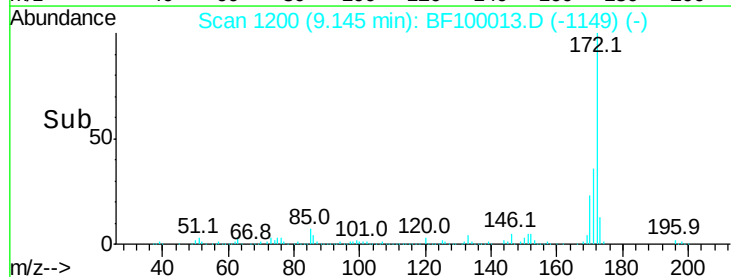
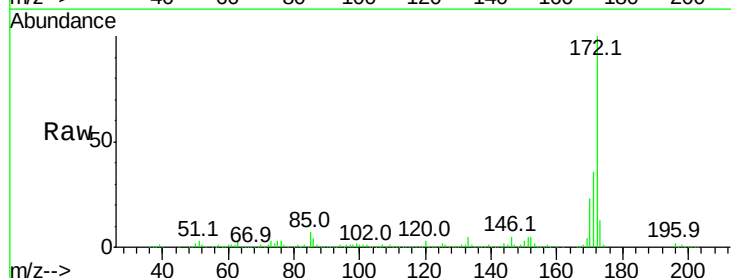
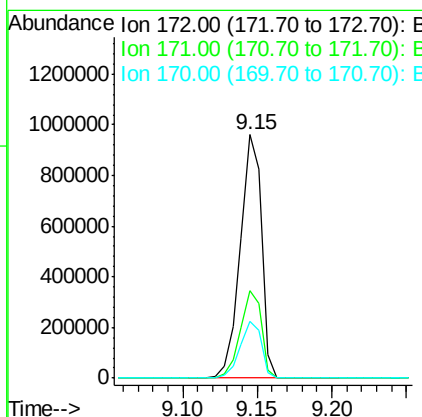
Manual Integrations
 APPROVED

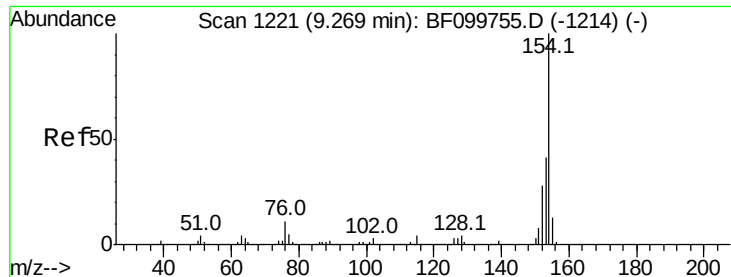
Sohil
 11/1/2017 2:37:47 PM



#44
 2-Fluorobiphenyl
 Concen: 87.735 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	172	Resp	950444
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4





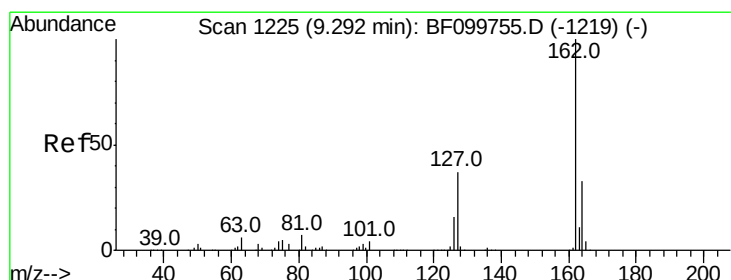
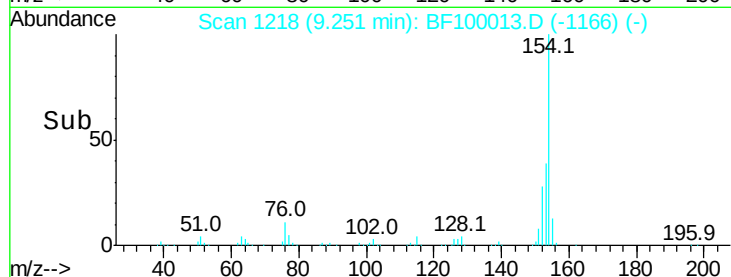
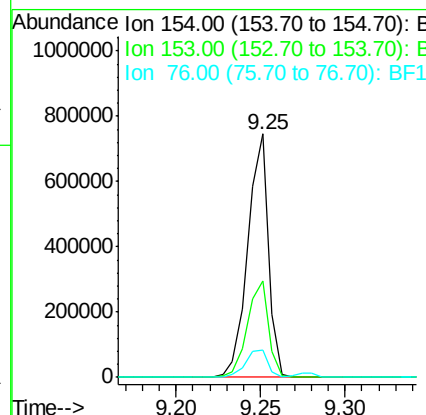
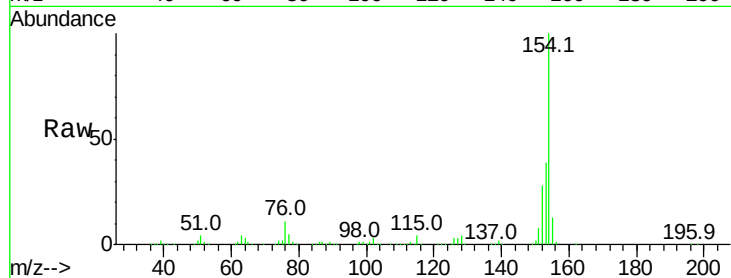
#45
 1,1'-Biphenyl
 Concen: 42.242 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion:	154	Resp:	638704
Ion Ratio	Lower	Upper	
154	100		
153	39.4	21.3	61.3
76	11.3	0.0	34.0

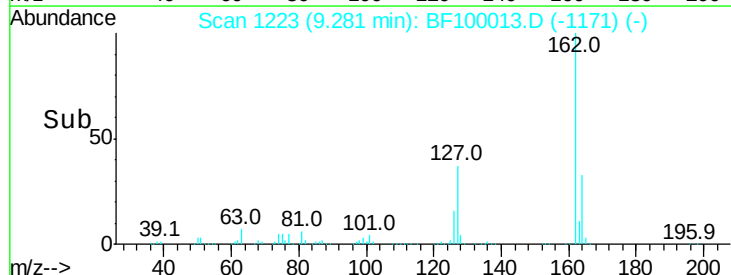
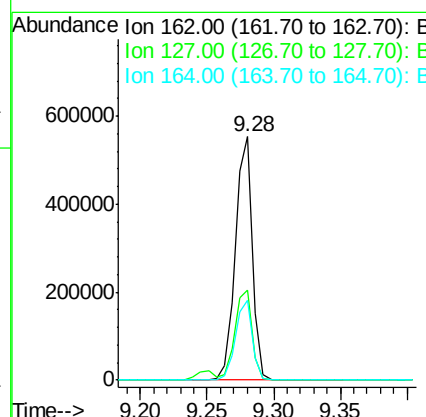
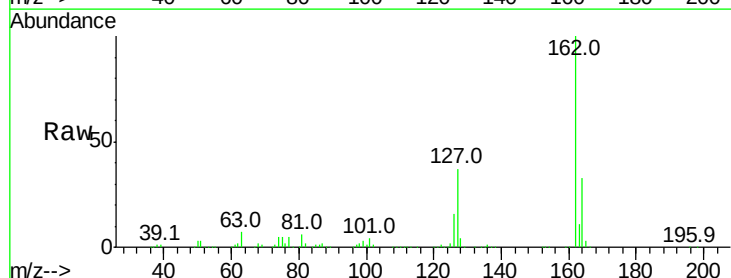
Manual Integrations
 APPROVED

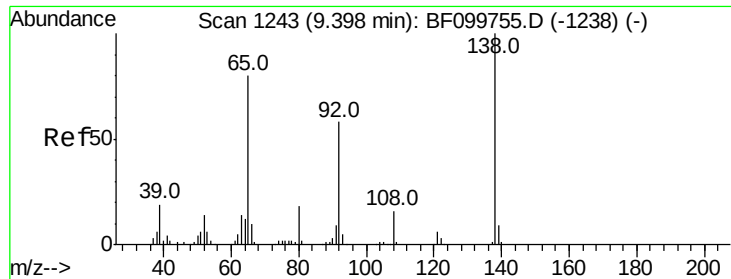
Sohil
 11/1/2017 2:37:47 PM



#46
 2-Chloronaphthalene
 Concen: 45.438 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion:	162	Resp:	498947
Ion Ratio	Lower	Upper	
162	100		
127	37.2	33.9	50.9
164	32.9	26.5	39.7





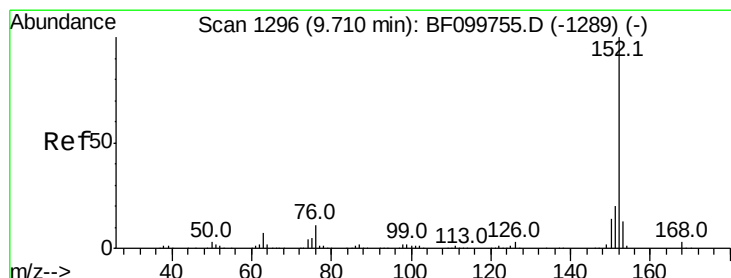
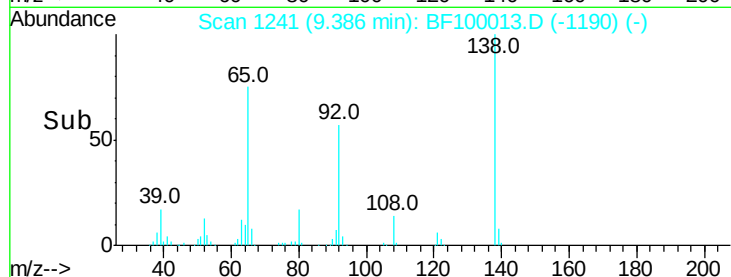
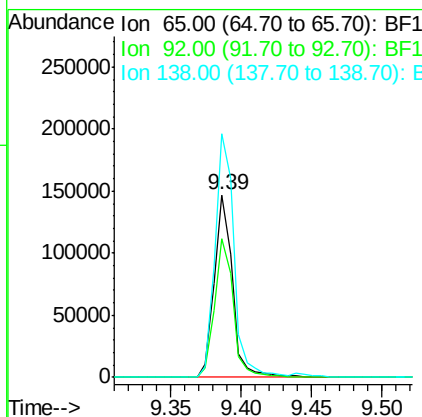
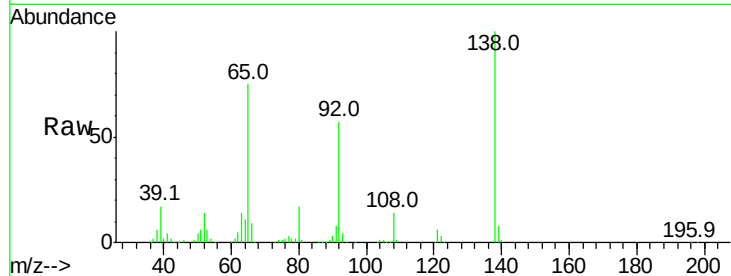
#47
2-Nitroaniline
Concen: 45.814 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.8	55.8	83.6
138	133.3	91.2	136.8

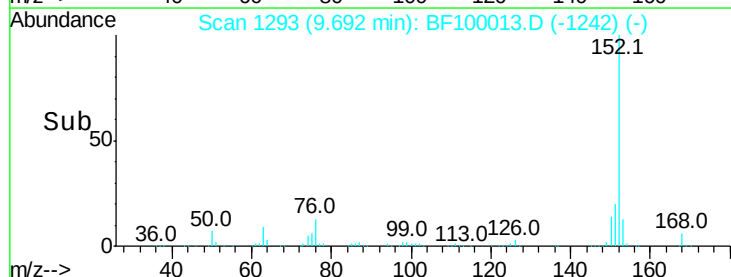
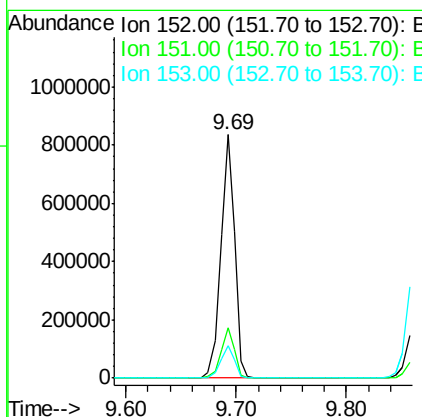
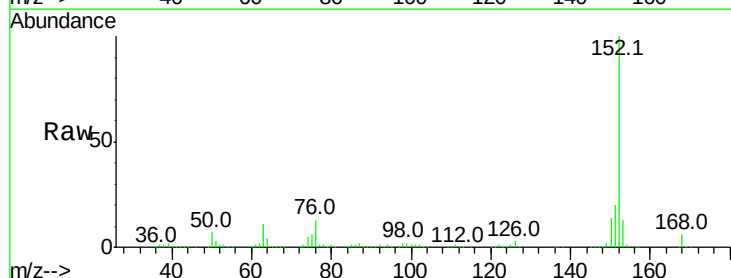
Manual Integrations
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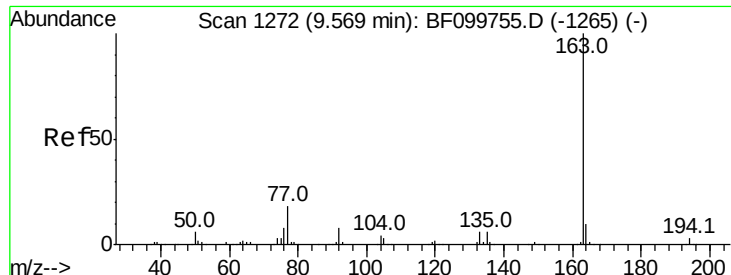
Sohil
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#48
Acenaphthylene
Concen: 42.889 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





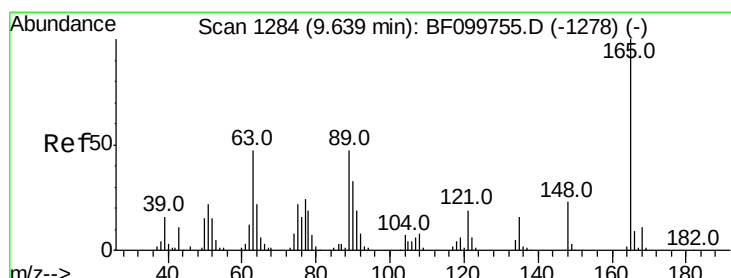
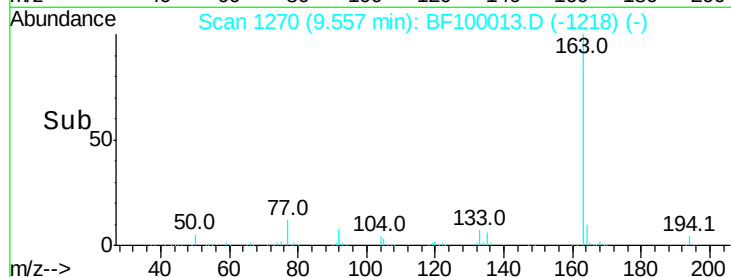
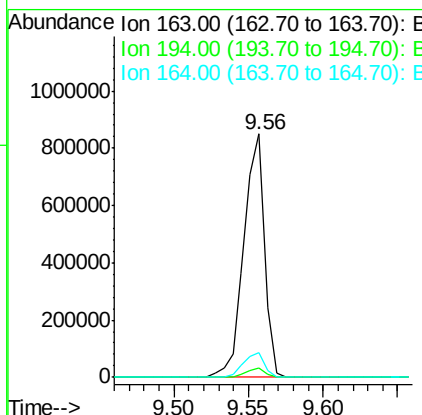
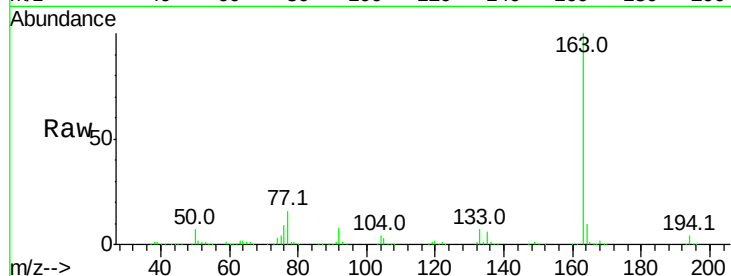
#49
Dimethylphthalate
Concen: 61.911 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	819455		
194	3.6		2.7	4.1
164	10.1		8.2	12.2

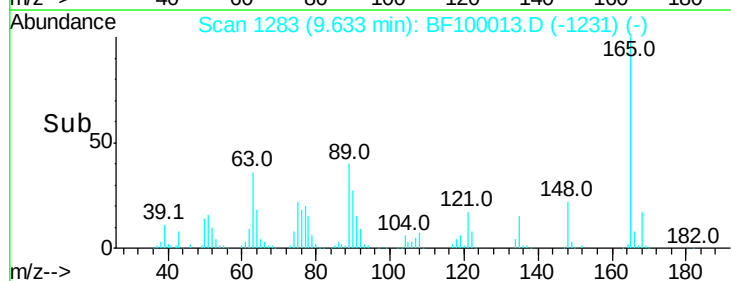
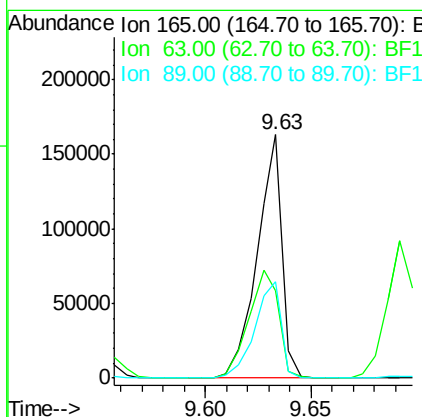
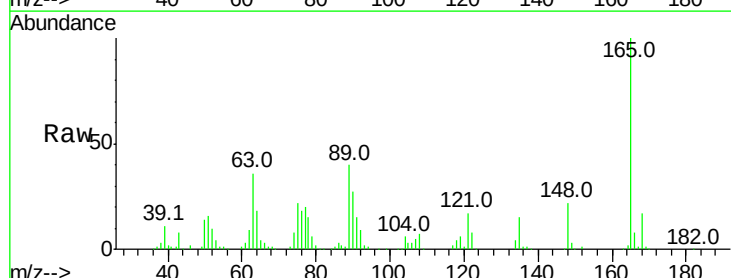
Manual Integrations
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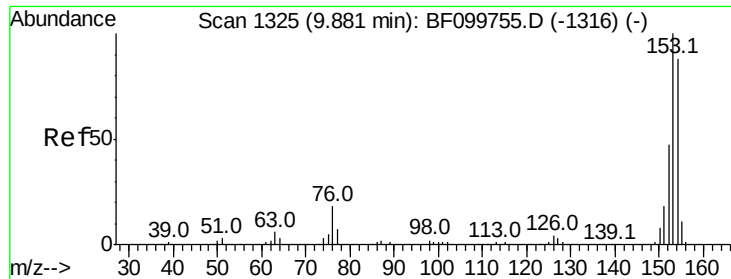
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.591 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132421		
63	35.7		44.7	67.1#
89	39.5		44.0	66.0#





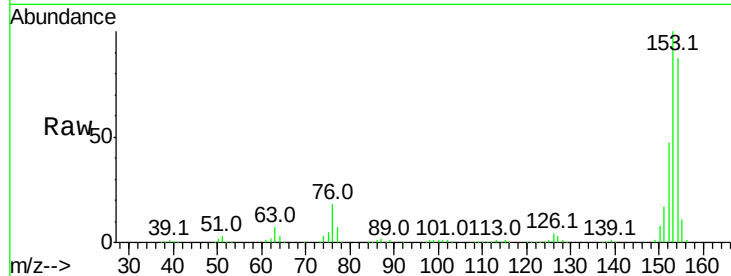
#51
Acenaphthene
Concen: 42.512 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	53.9	43.8	65.8

Manual Integrations
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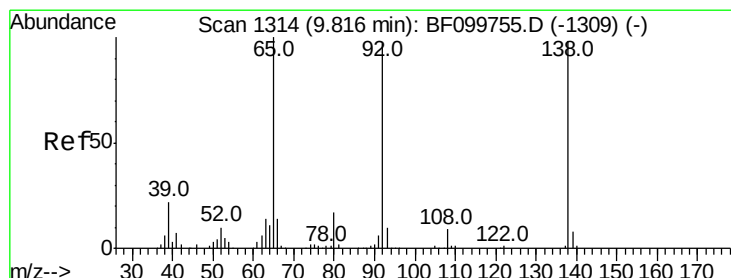
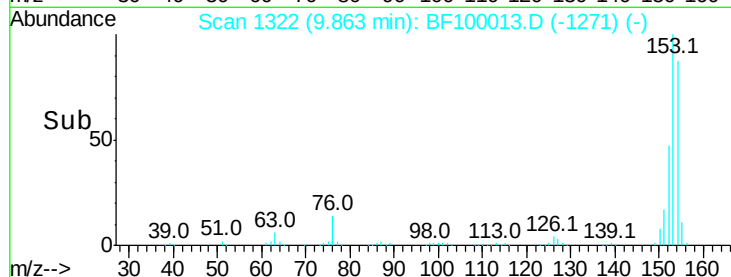
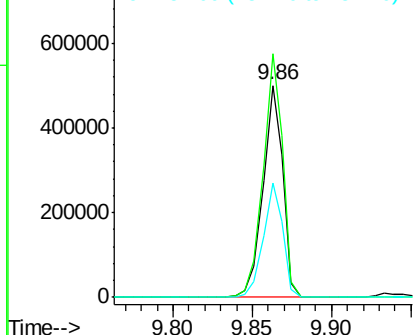


Abundance

Ion 154.00 (153.70 to 154.70): E

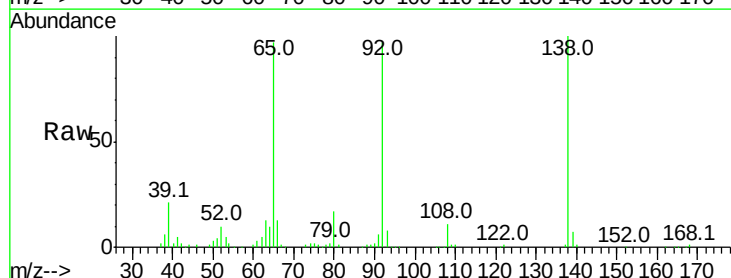
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 34.693 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	97.0	89.4	134.2

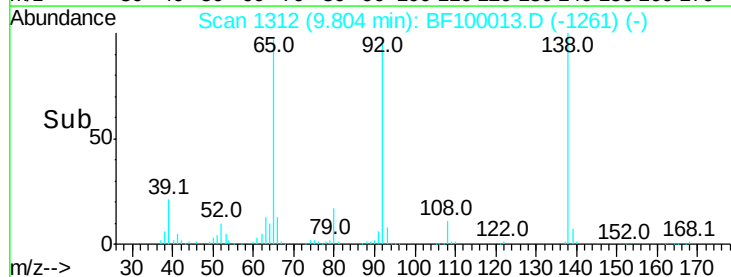
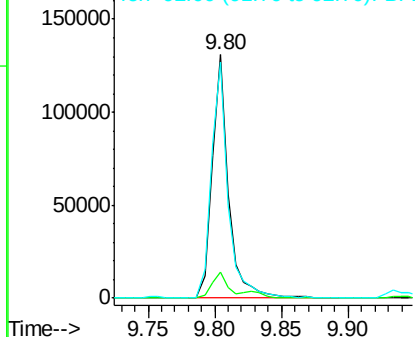


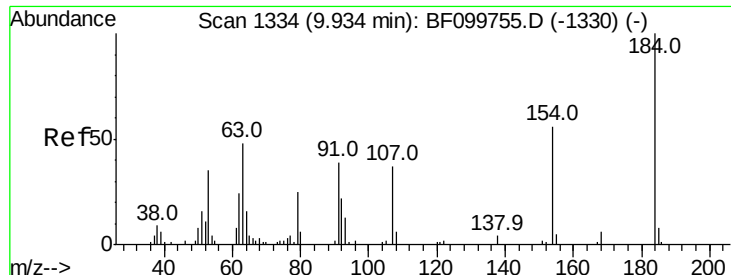
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





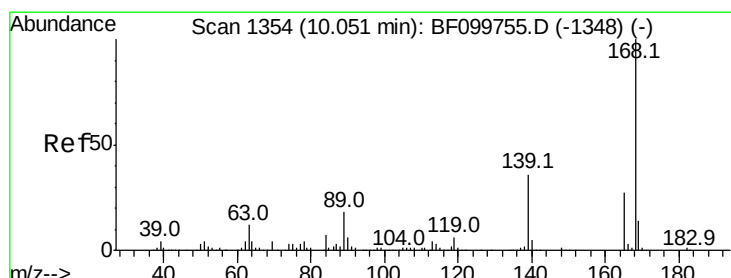
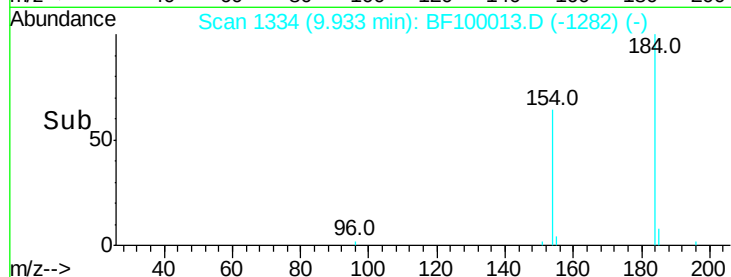
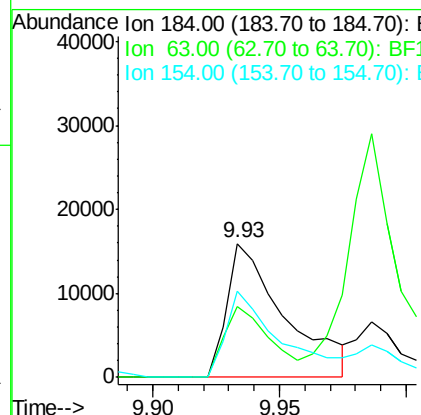
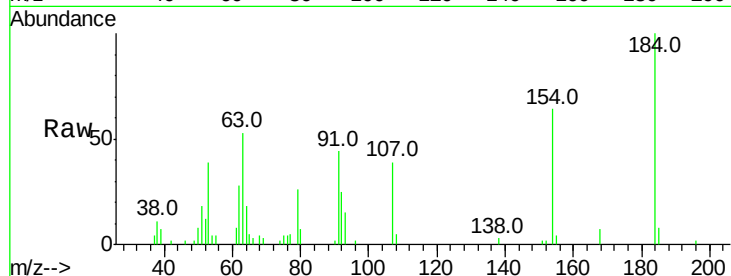
#53
 2,4-Dinitrophenol
 Concen: 27.091 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion:	184	Resp:	25251
Ion Ratio	Lower	Upper	
184	100		
63	52.5	54.2	81.2#
154	64.2	53.5	80.3

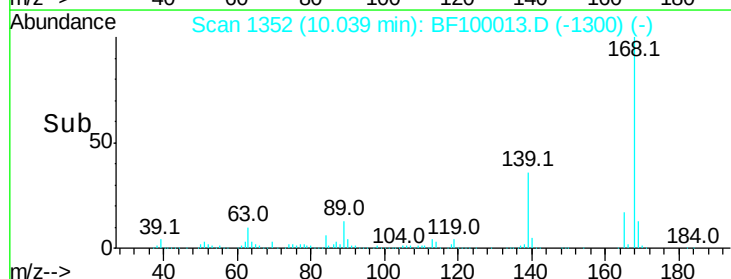
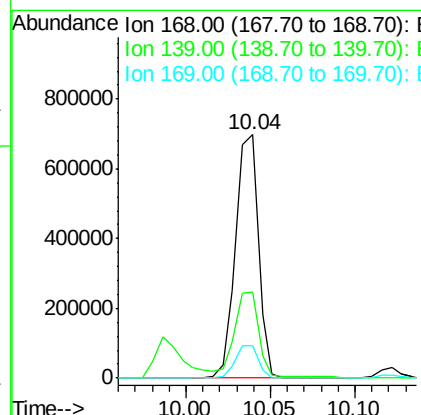
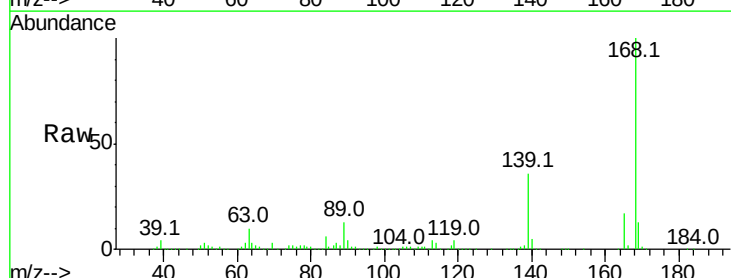
Manual Integrations
 APPROVED

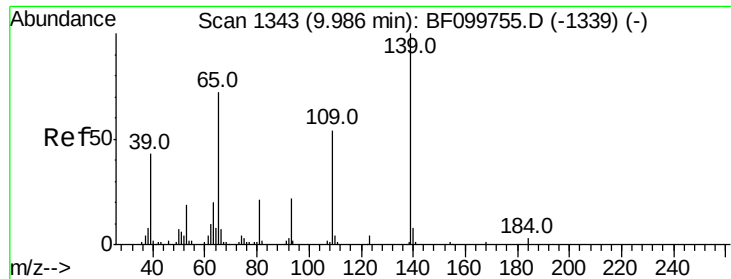
Sohil
 11/1/2017 2:37:47 PM



#54
 Dibenzofuran
 Concen: 44.986 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion:	168	Resp:	656208
Ion Ratio	Lower	Upper	
168	100		
139	35.6	30.1	45.1
169	13.3	10.9	16.3





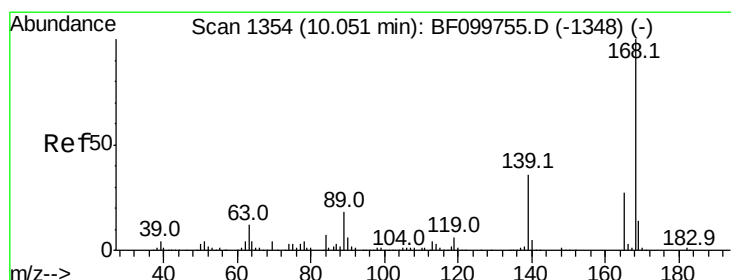
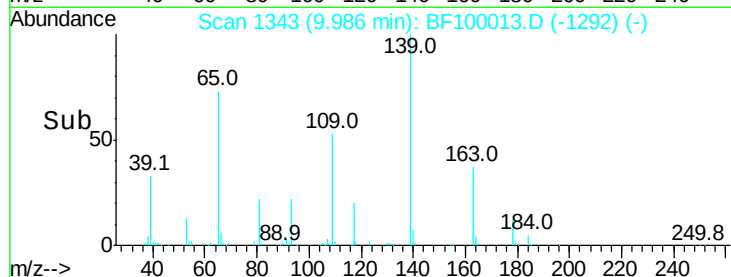
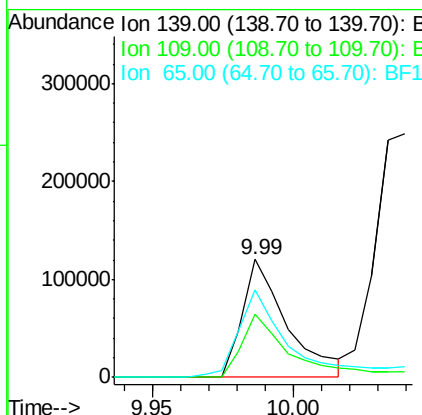
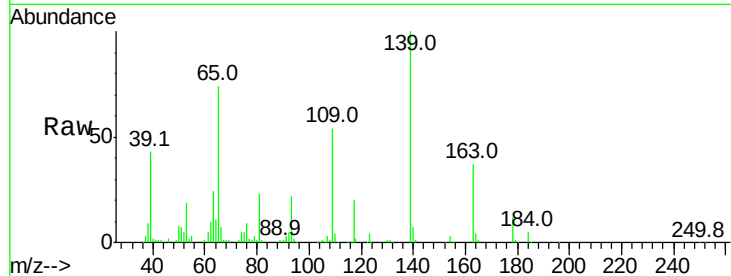
#55
4-Nitrophenol
Concen: 77.144 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.7	48.4	88.4
65	74.1	72.6	112.6

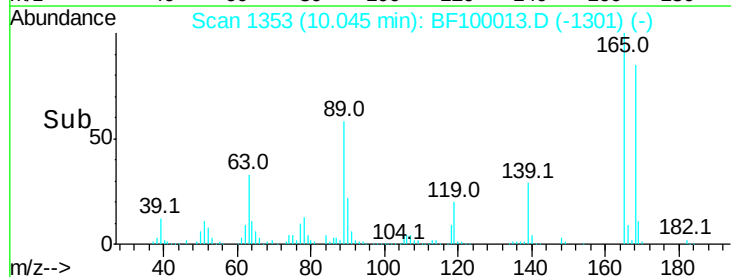
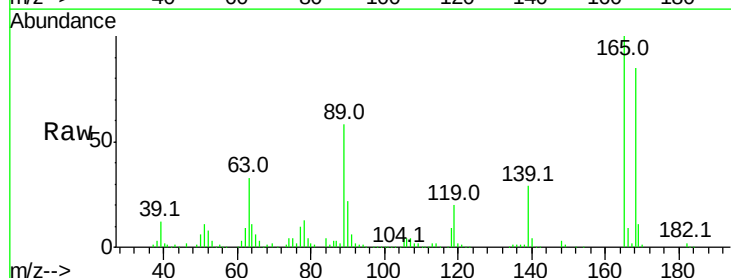
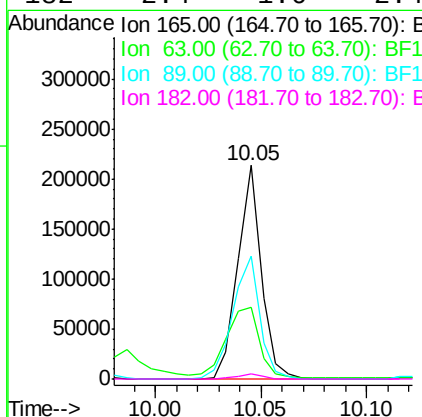
Manual Integrations
APPROVED

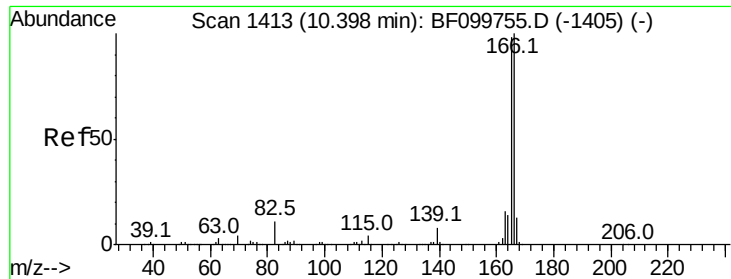
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.902 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.4	36.4	54.6#
89	57.6	57.8	86.6#
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 43.747 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

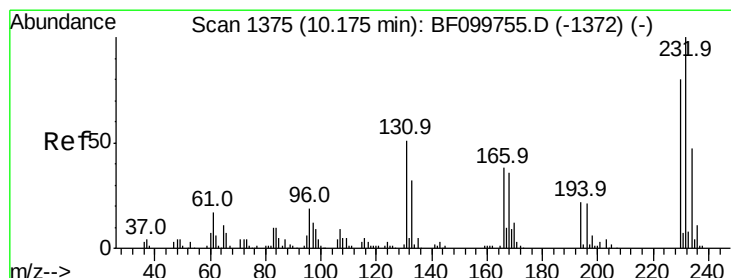
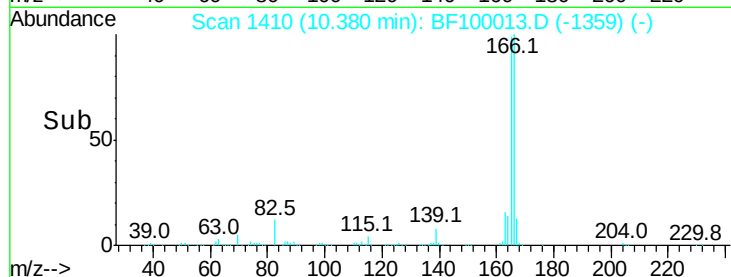
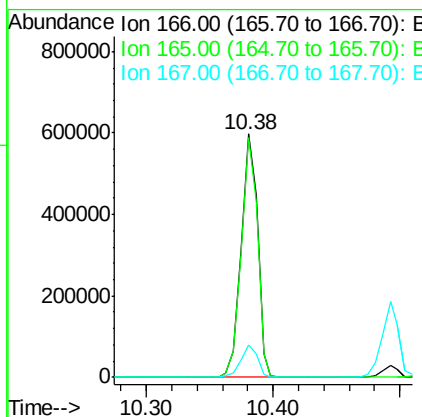
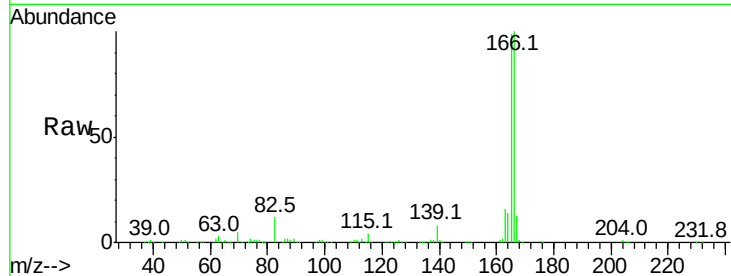
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	166	Resp:	528363
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.524 ng

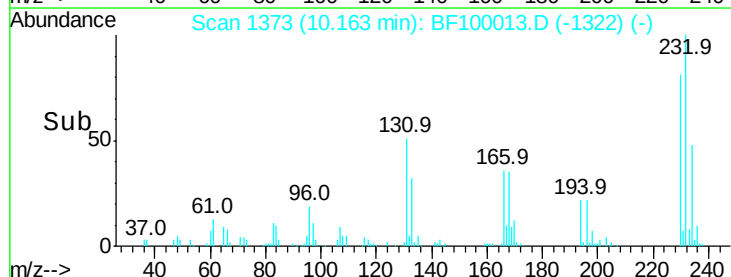
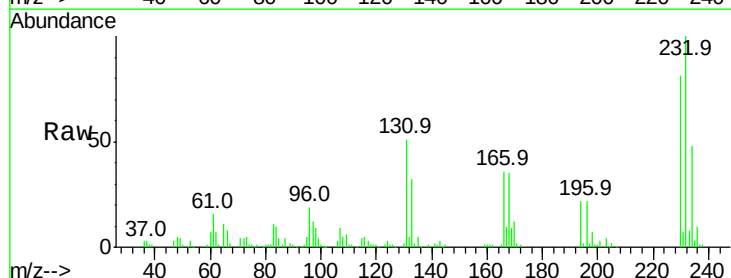
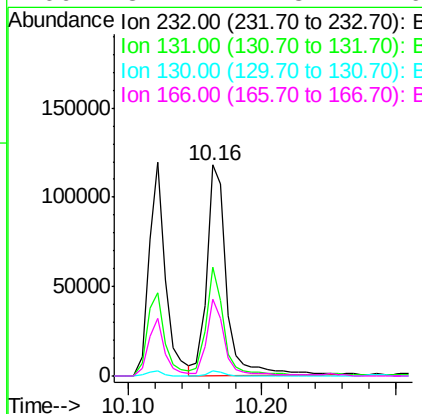
RT: 10.16 min Scan# 1373

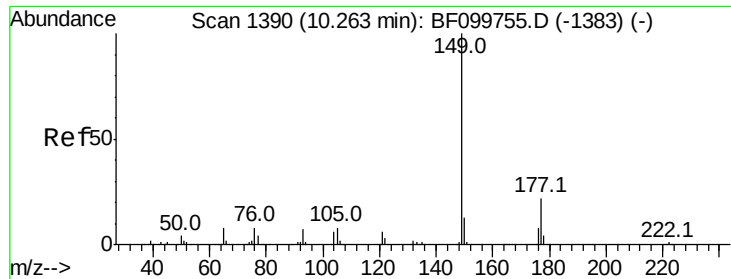
Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	232	Resp:	120317
Ion Ratio	Lower	Upper	
232	100		
131	45.6	43.8	65.8
130	2.0	2.1	3.1#
166	32.4	27.8	41.6





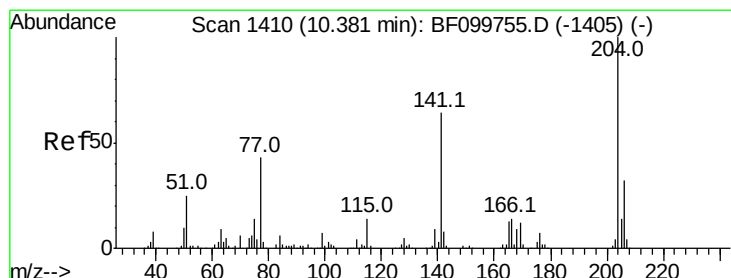
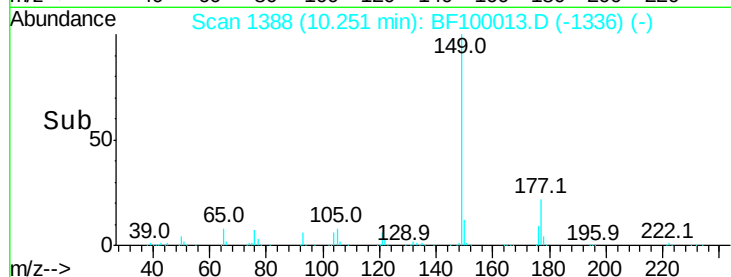
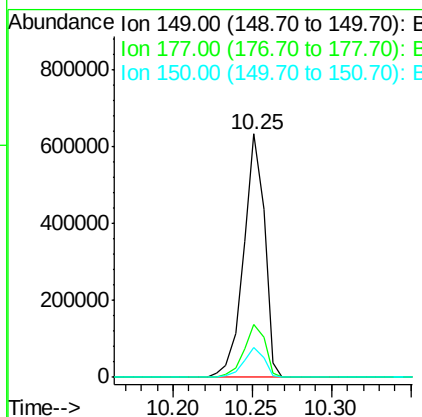
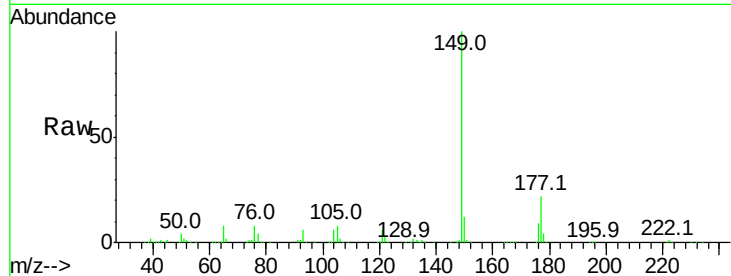
#59
Diethylphthalate
Concen: 44.312 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	572761		
177	21.7	16.1	24.1	
150	12.3	10.1	15.1	

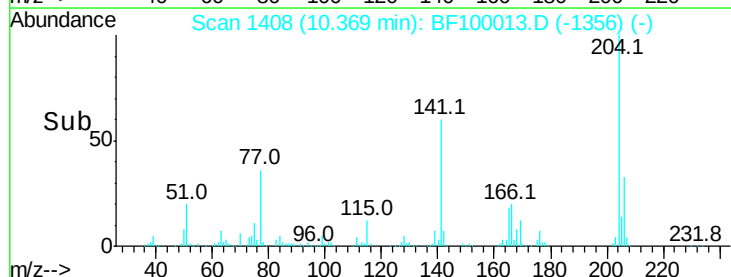
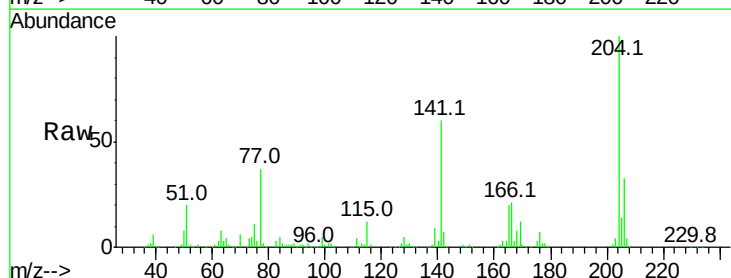
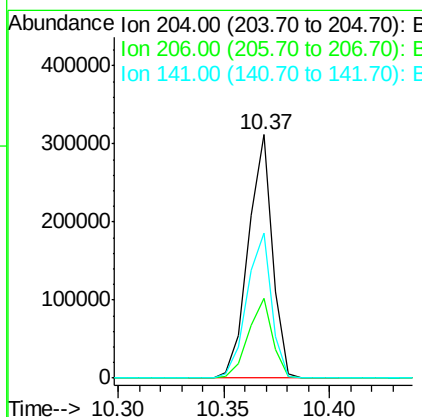
Manual Integrations
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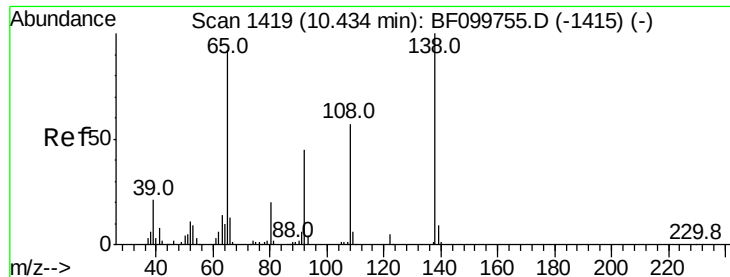
Sohil
11/1/2017 2:37:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.547 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	247528		
206	32.8	26.5	39.7	
141	59.8	54.6	81.8	





#61

4-Nitroaniline

Concen: 41.564 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

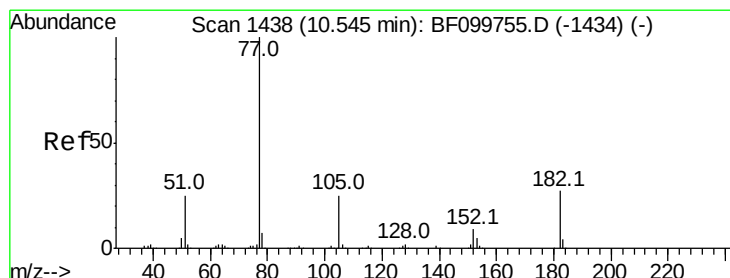
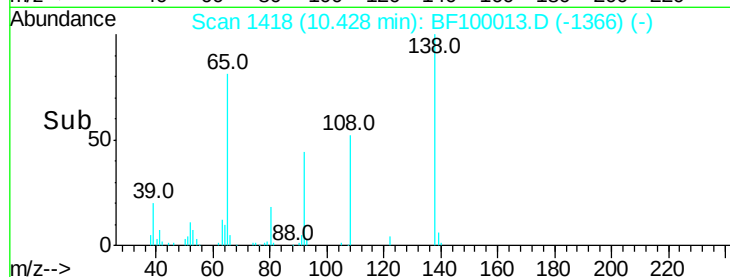
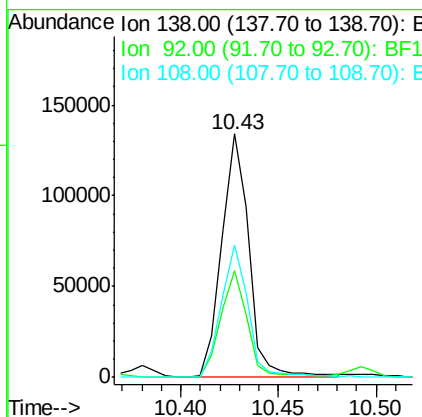
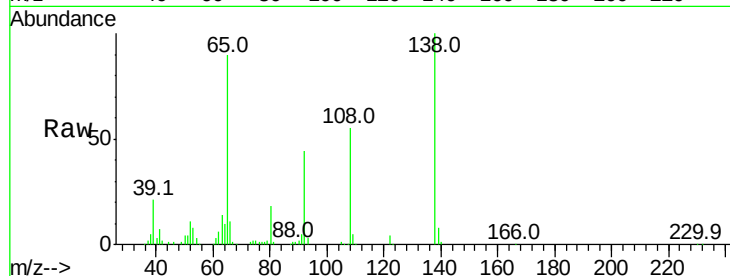
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	138	Resp:	130013
Ion Ratio	Lower	Upper	
138	100		
92	43.7	30.2	70.2
108	54.5	52.5	92.5

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#62

Azobenzene

Concen: 45.466 ng

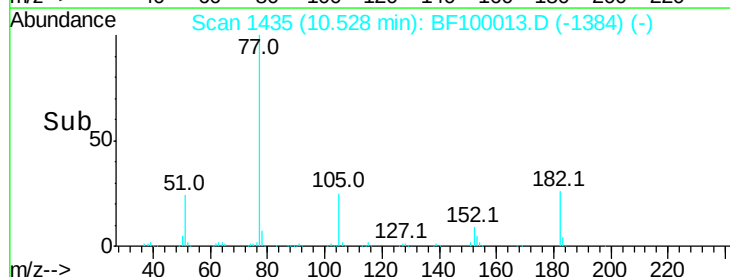
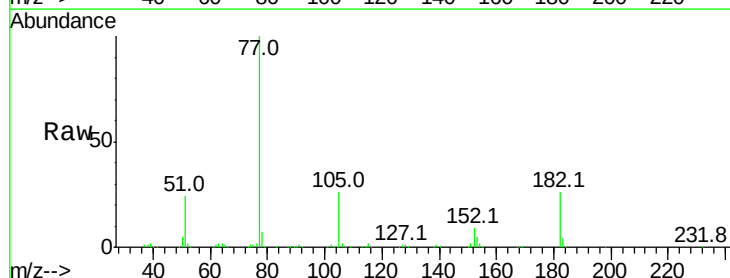
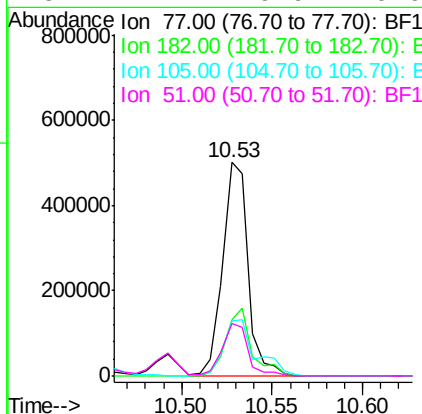
RT: 10.53 min Scan# 1435

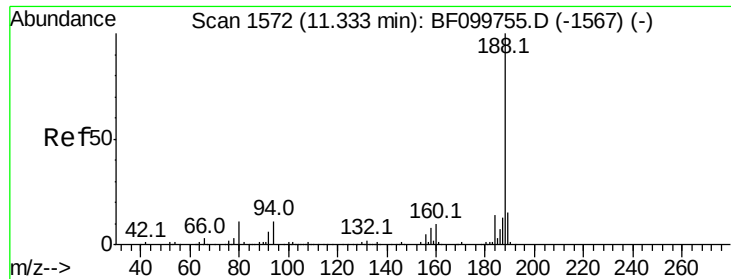
Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	77	Resp:	492628
Ion Ratio	Lower	Upper	
77	100		
182	26.2	1.7	41.7
105	25.5	3.0	43.0
51	24.4	9.9	49.9





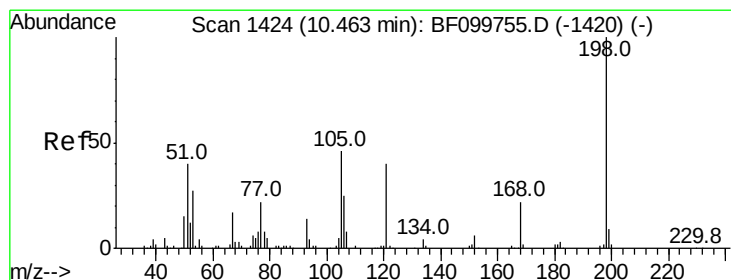
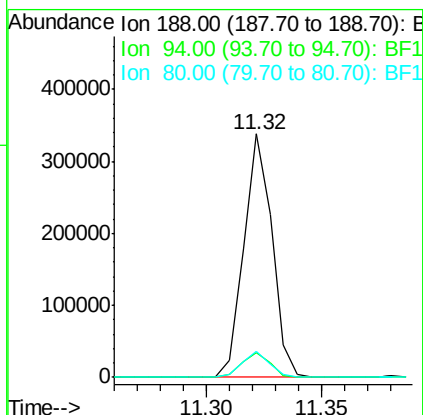
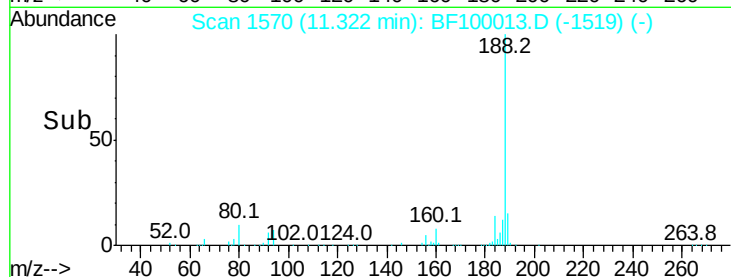
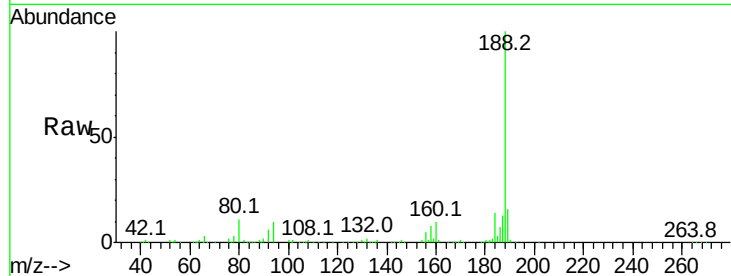
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	289485		
94	10.4		8.5	12.7
80	10.6		9.2	13.8

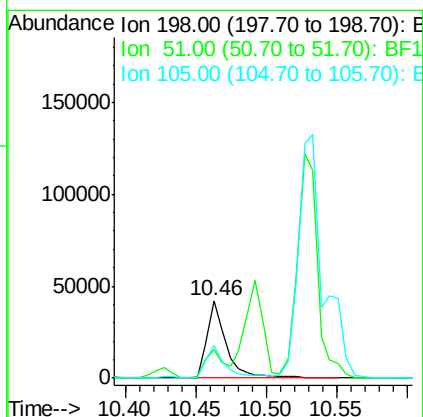
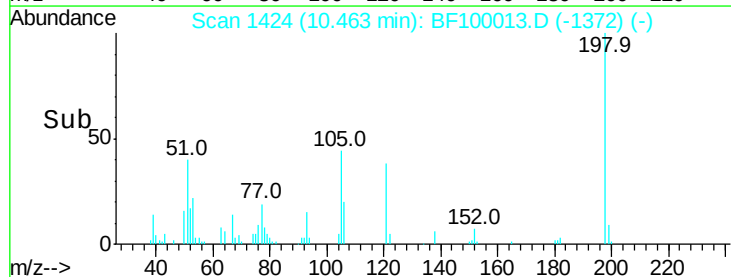
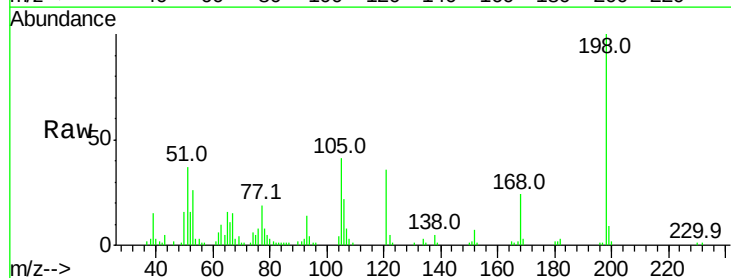
Manual Integrations
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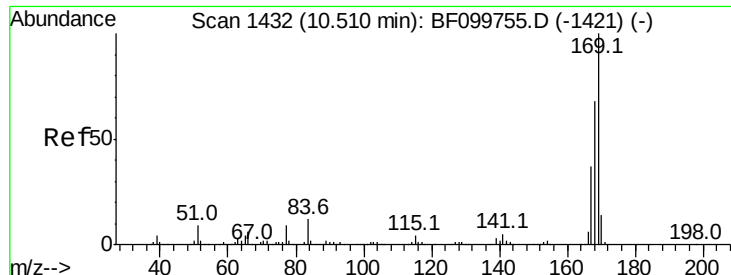
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.150 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40307		
51	37.3		37.7	77.7#
105	41.2		36.3	76.3





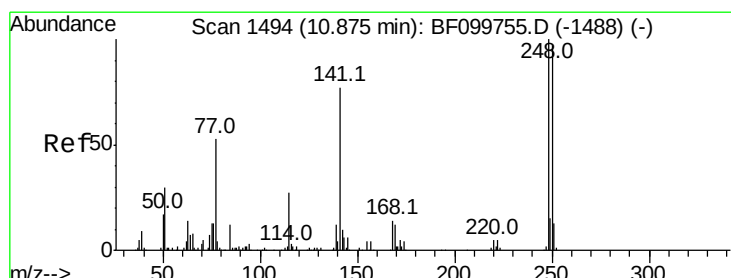
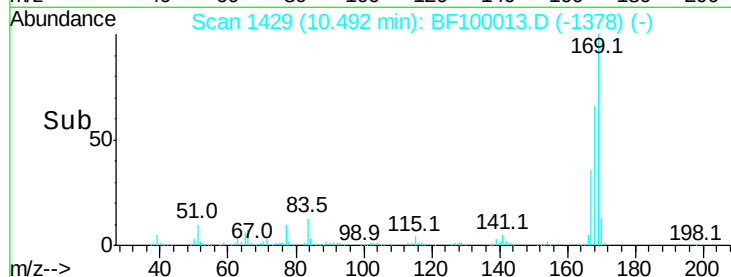
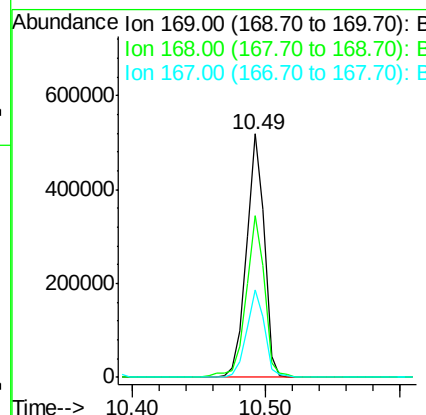
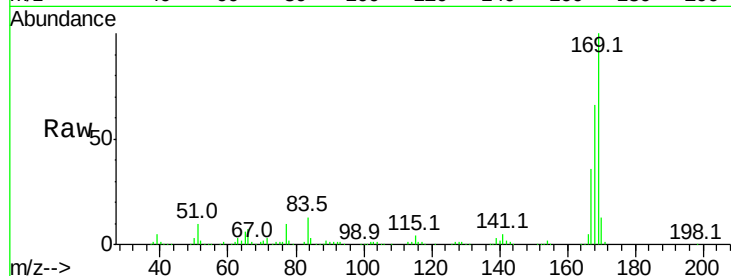
#65
n-Nitrosodiphenylamine
Concen: 44.699 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	477660		
168	66.3		54.4	81.6
167	35.8		29.8	44.6

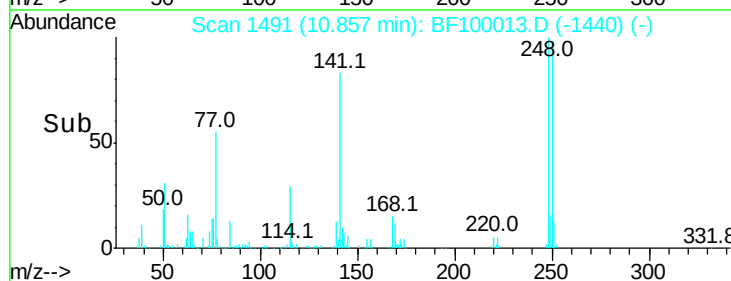
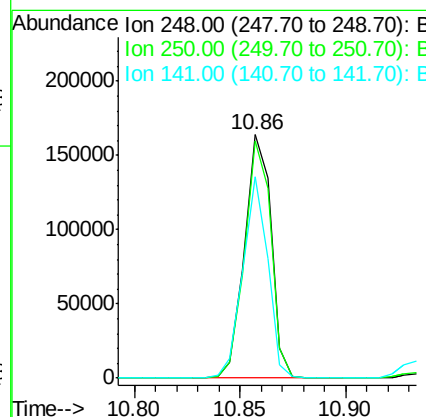
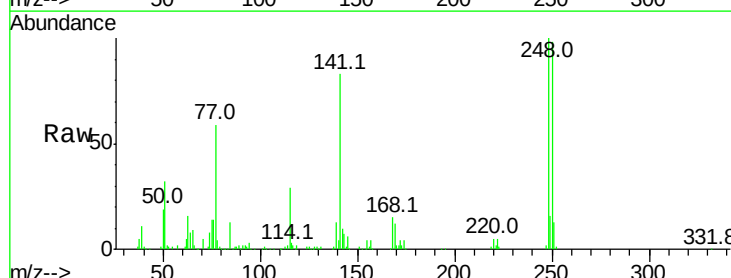
Manual Integrations
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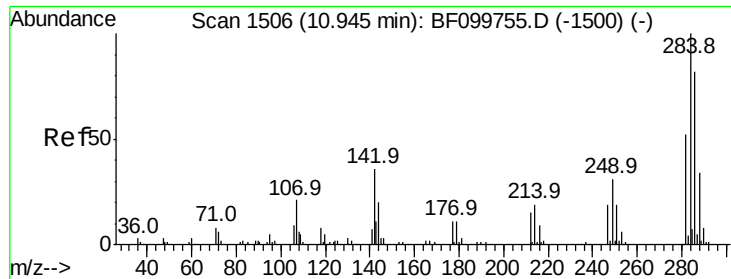
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.092 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143516		
250	97.6		76.9	115.3
141	82.7		74.4	111.6





#67

Hexachlorobenzene

Concen: 44.966 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

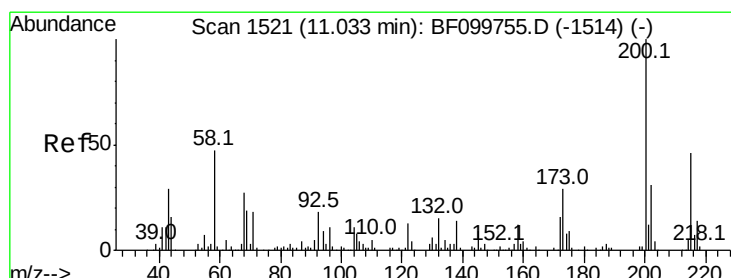
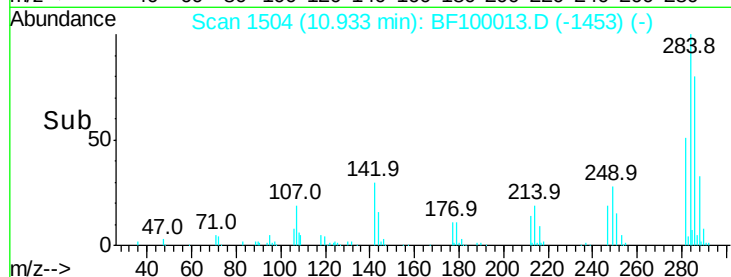
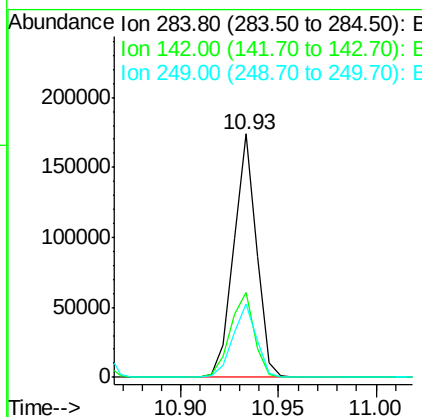
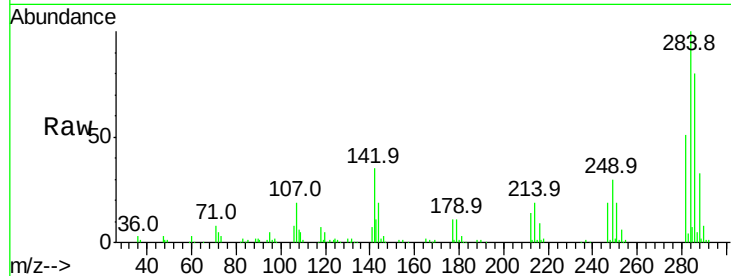
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	284	Resp:	140198
Ion Ratio	Lower	Upper	
284	100		
142	34.7	34.6	52.0
249	30.3	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 46.645 ng

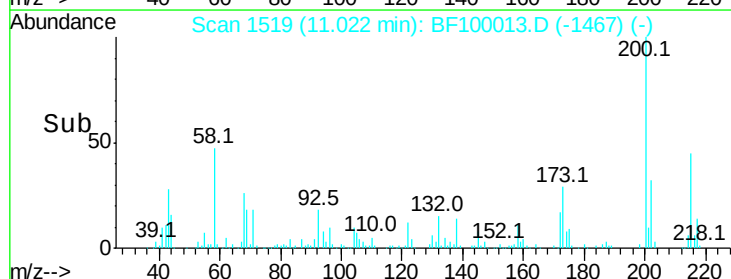
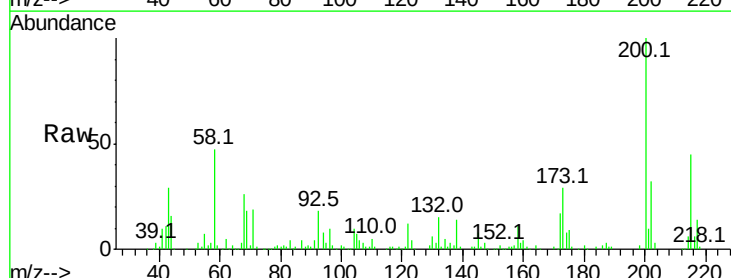
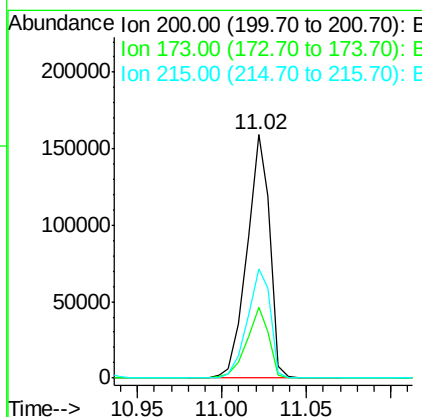
RT: 11.02 min Scan# 1519

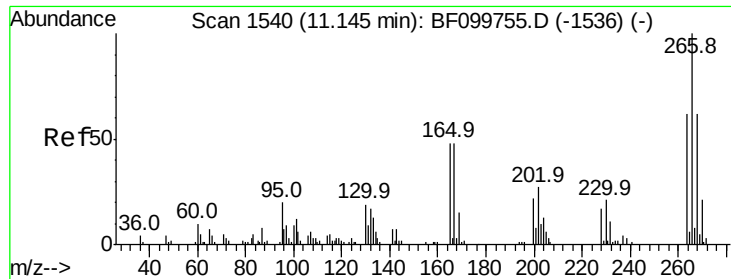
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	200	Resp:	149728
Ion Ratio	Lower	Upper	
200	100		
173	29.0	8.6	48.6
215	44.9	25.1	65.1





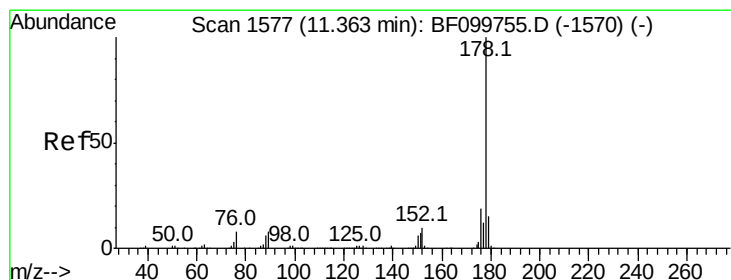
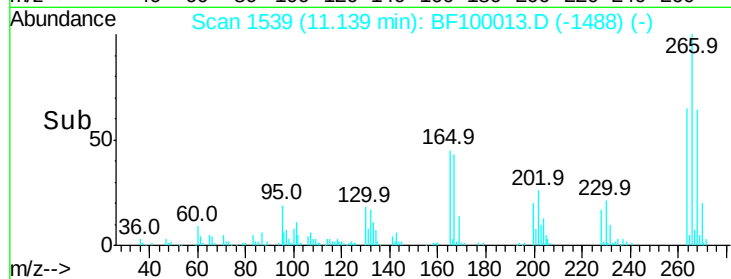
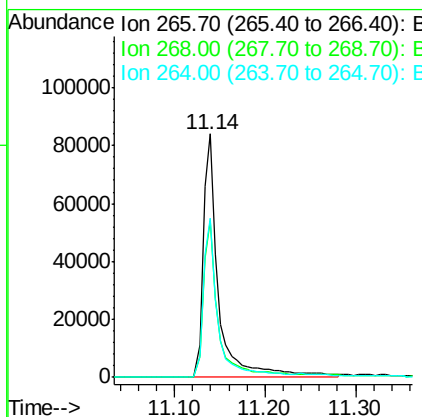
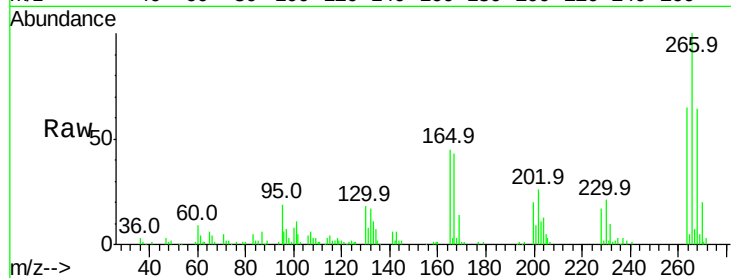
#69
 Pentachlorophenol
 Concen: 76.310 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.3	51.1	76.7	
264	65.3	49.5	74.3	

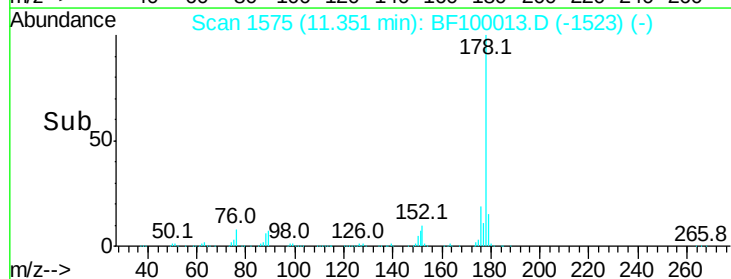
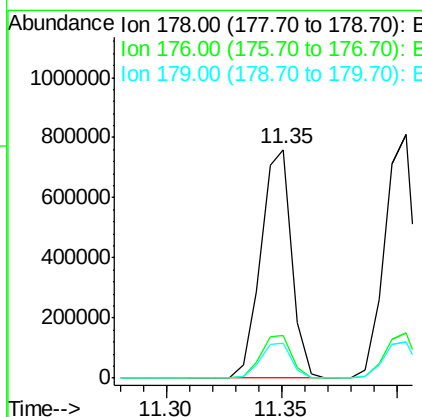
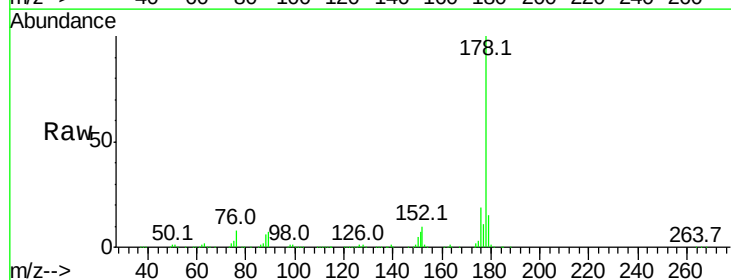
Manual Integrations
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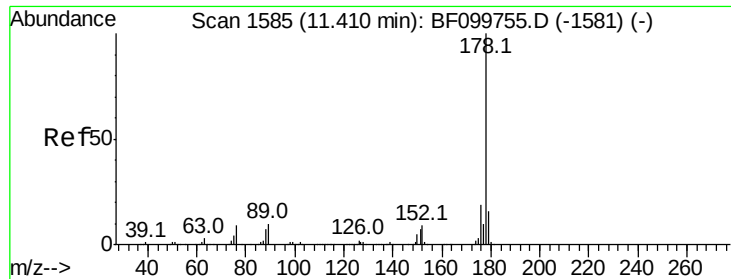
Sohil
 11/1/2017 2:37:47 PM



#70
 Phenanthrene
 Concen: 43.317 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.9	15.8	23.8	
179	15.0	13.0	19.6	





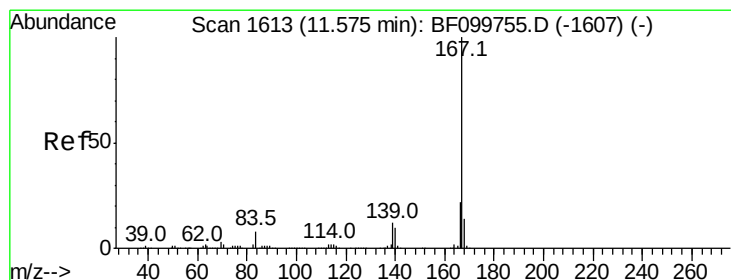
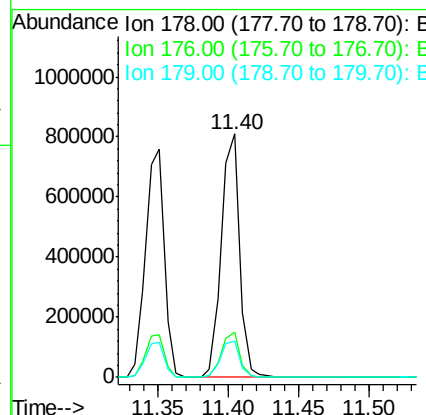
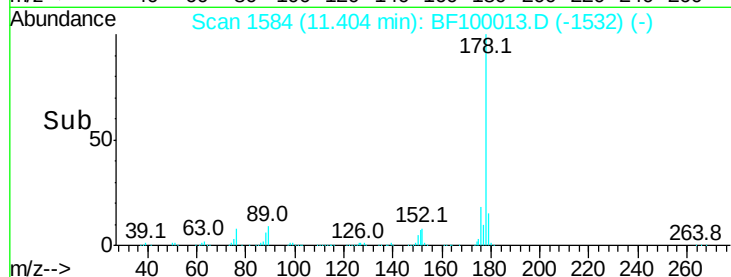
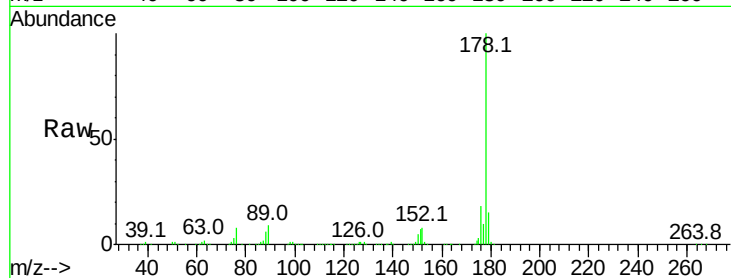
#71
 Anthracene
 Concen: 44.063 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.1	12.6	19.0

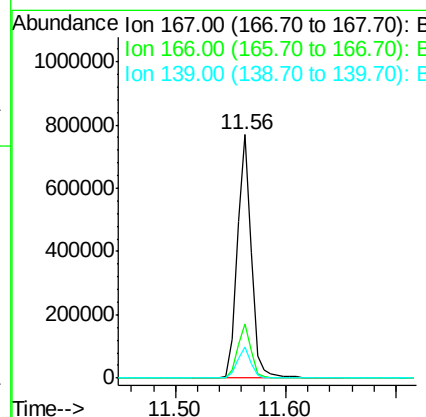
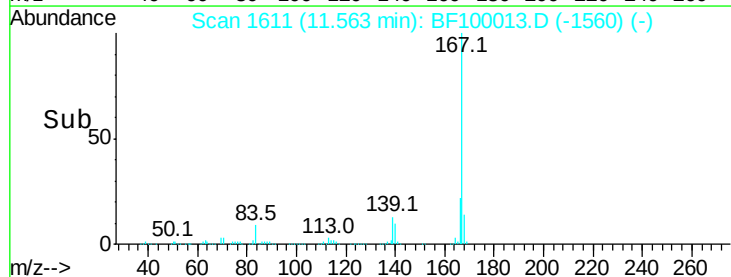
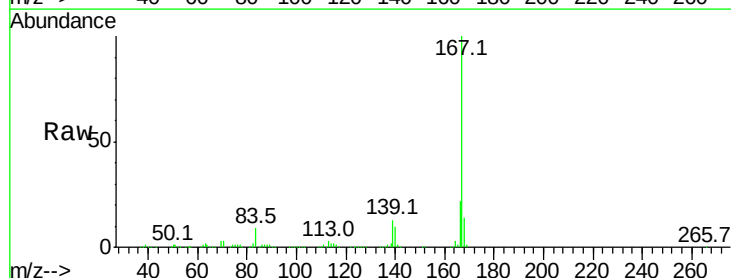
Manual Integrations
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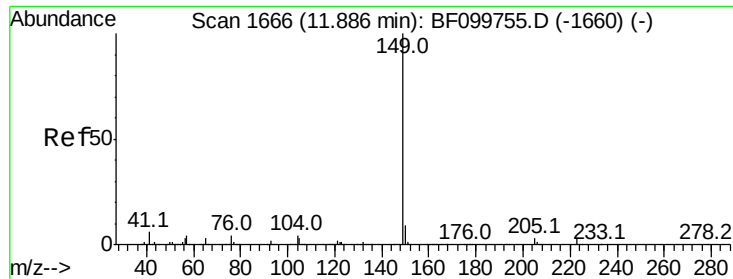
Sohil
 11/1/2017 2:37:47 PM



#72
 Carbazole
 Concen: 43.560 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.156 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

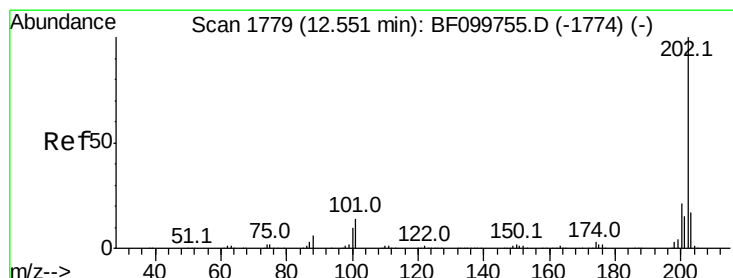
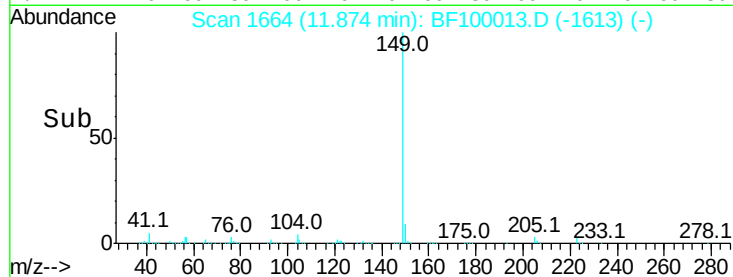
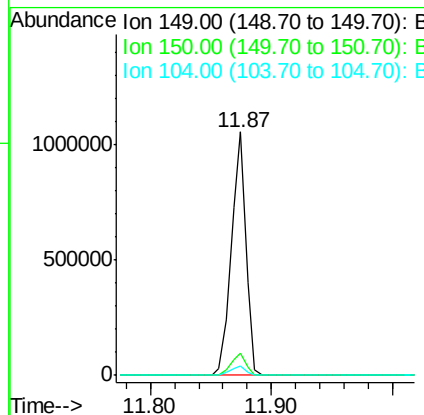
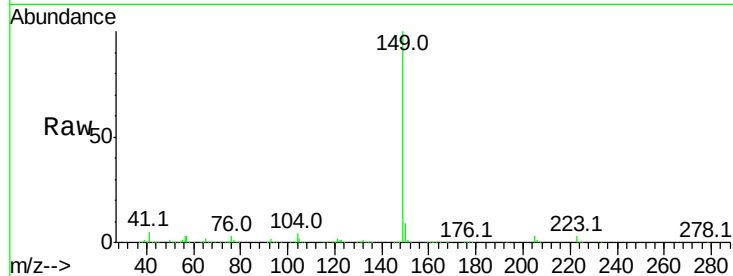
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	149	Resp:	878275
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	3.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.255 ng

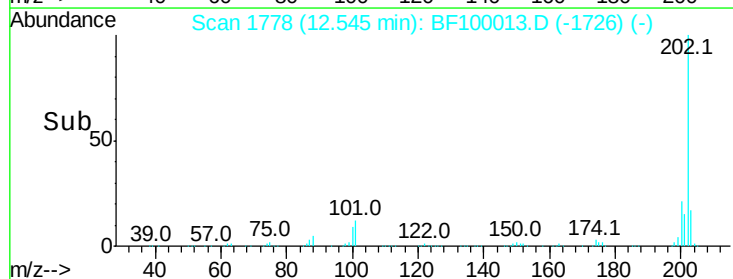
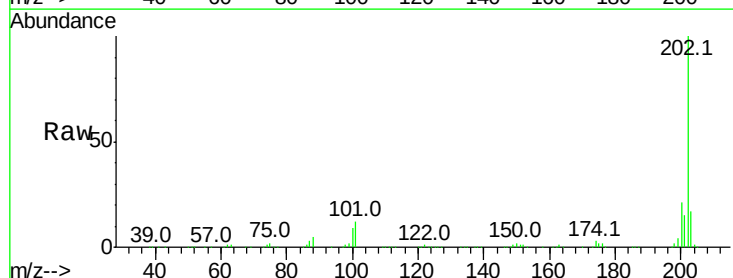
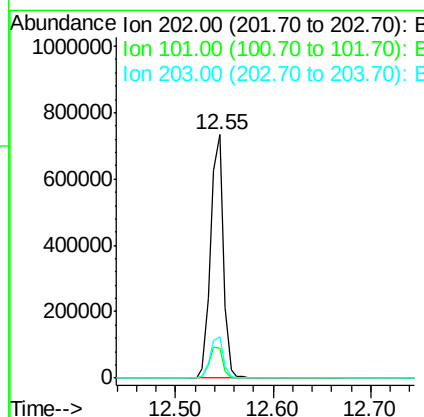
RT: 12.55 min Scan# 1778

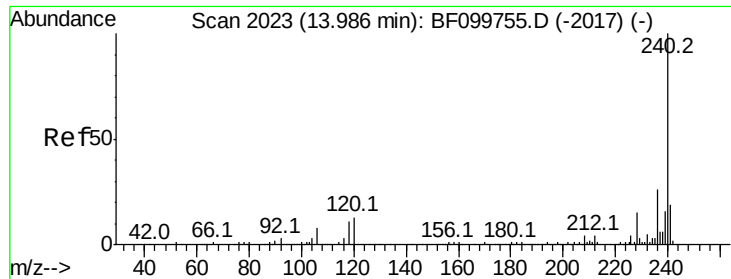
Delta R.T. 0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	202	Resp:	666460
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.0	0.0	38.1





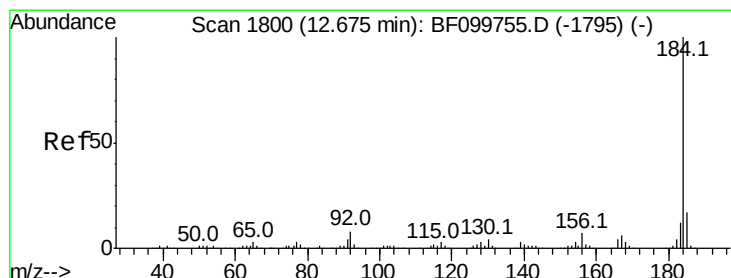
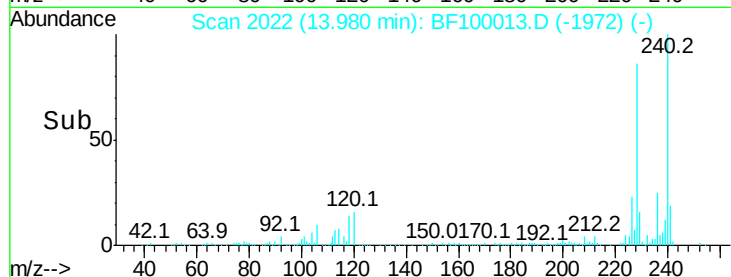
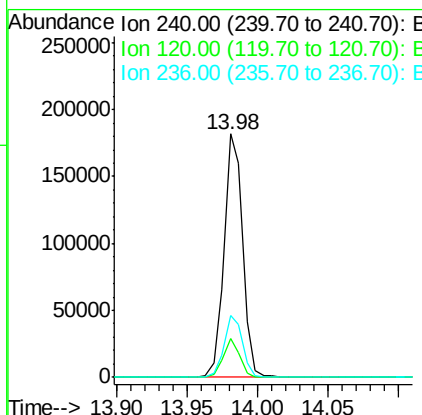
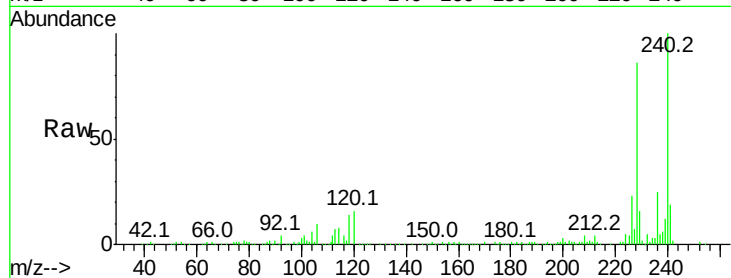
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3
236	25.3	20.7	31.1

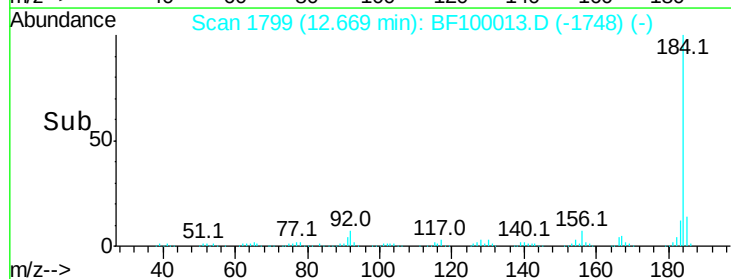
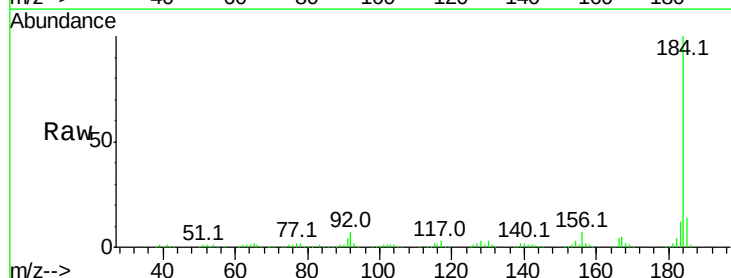
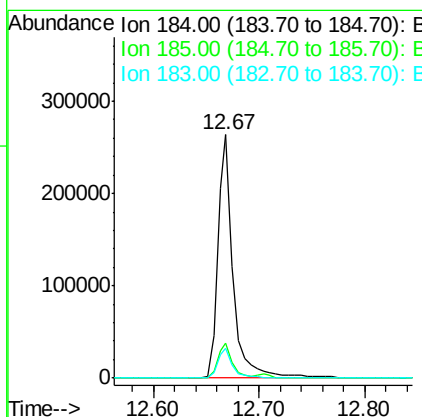
Manual Integrations
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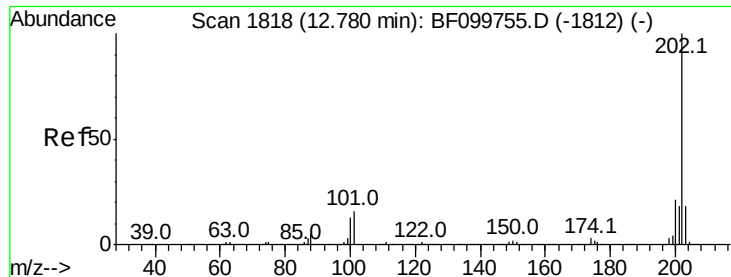
Sohil
11/1/2017 2:37:47 PM



#76
Benzidine
Concen: 37.123 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	12.1	9.3	13.9





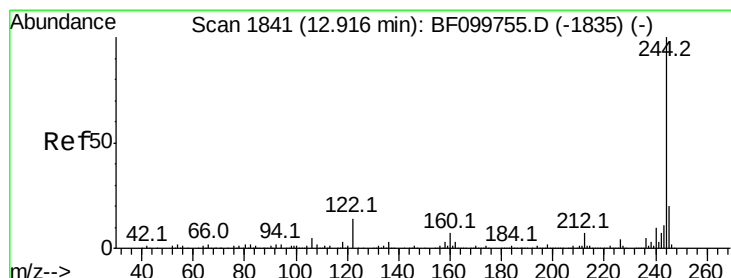
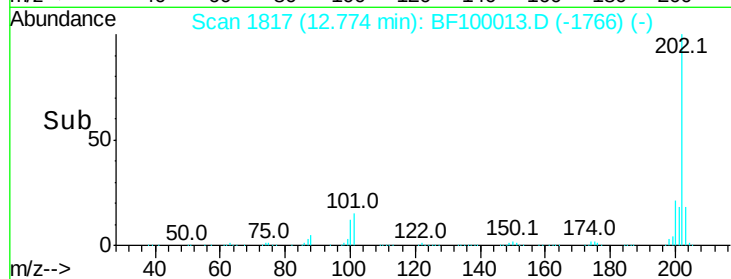
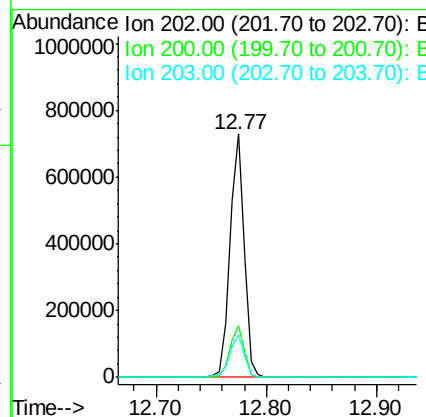
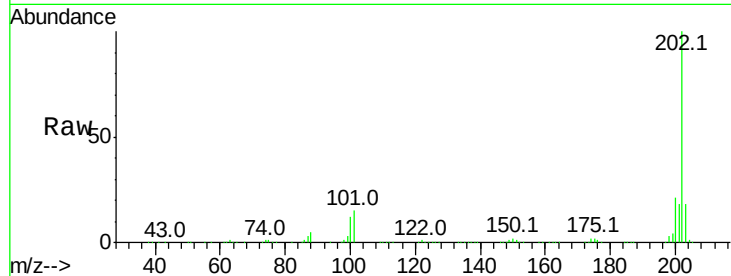
#77
Pvrene
Concen: 52.138 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.3	21.5

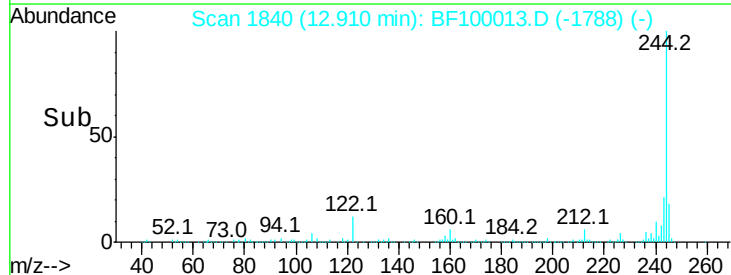
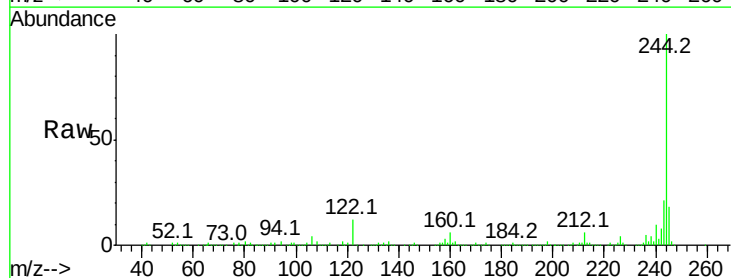
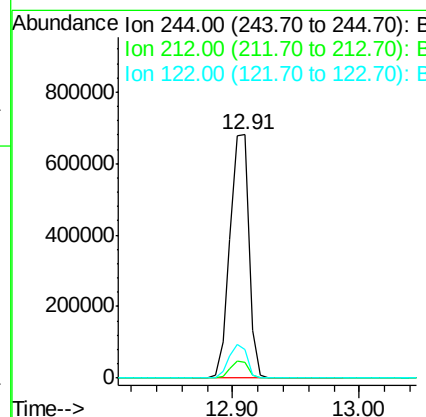
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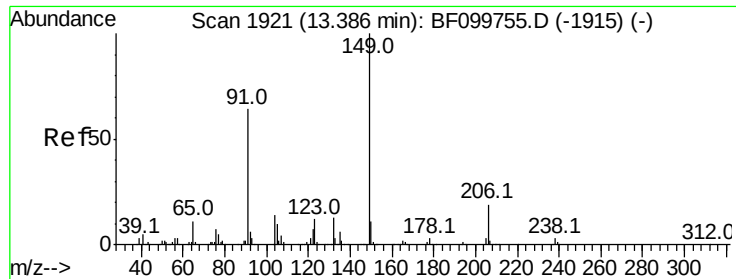
Sohil
11/1/2017 2:37:47 PM



#78
Terphenyl-d14
Concen: 93.141 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.7	11.0	16.4





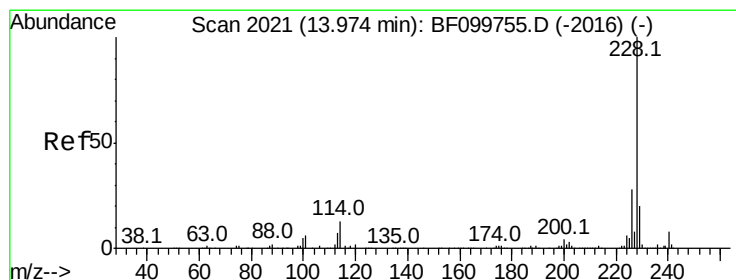
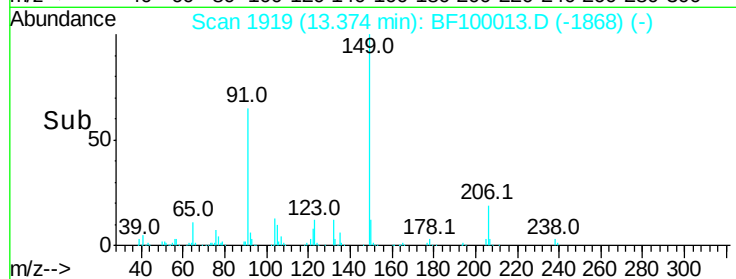
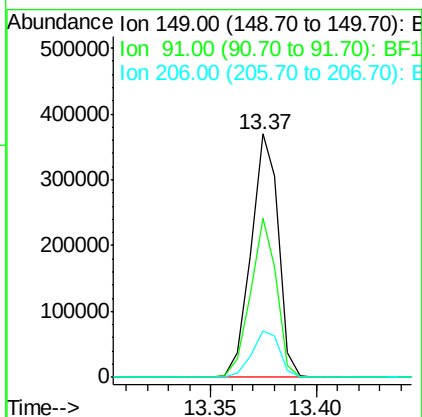
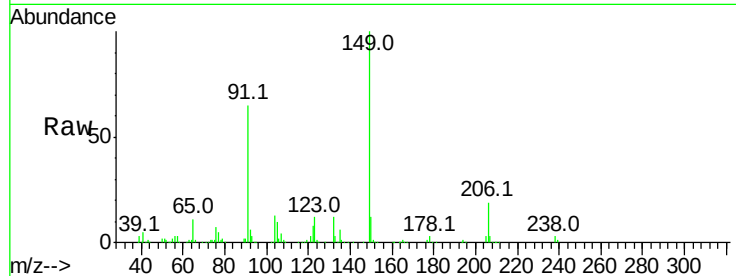
#79
Butylbenzylphthalate
Concen: 53.351 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	19.0	14.1	21.1

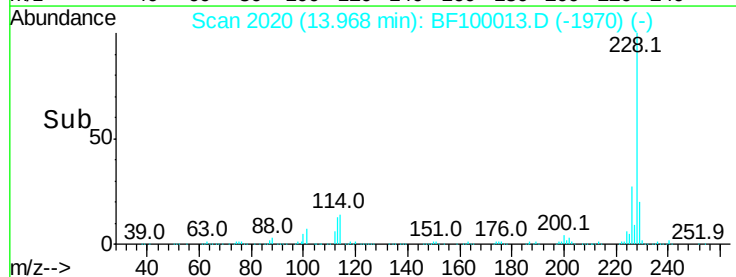
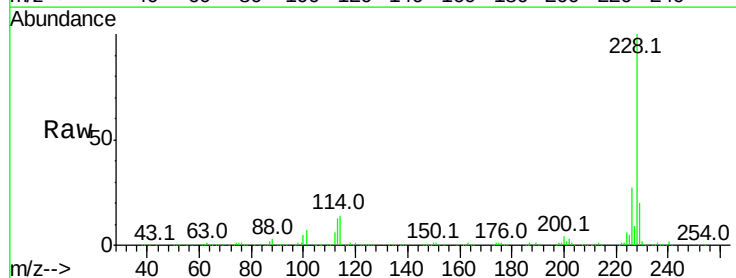
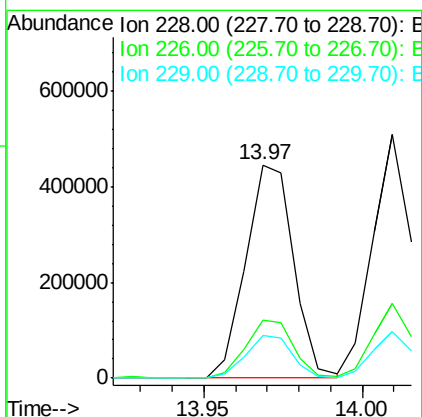
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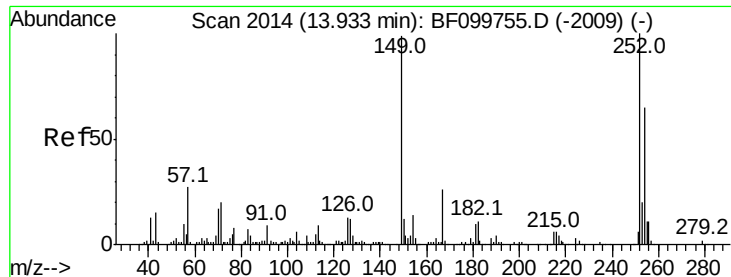
Sohil
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#80
Benzo(a)anthracene
Concen: 44.378 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6





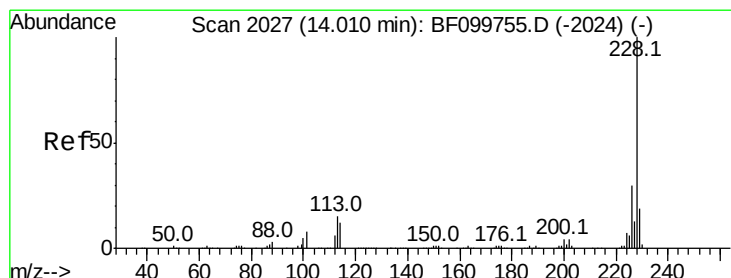
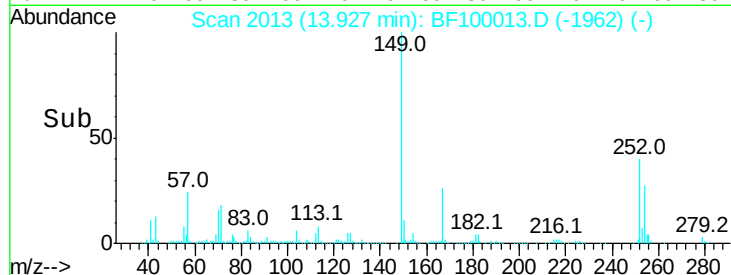
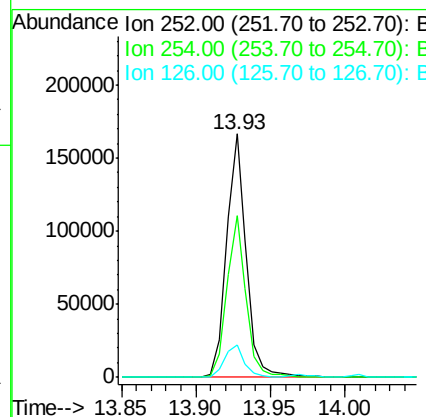
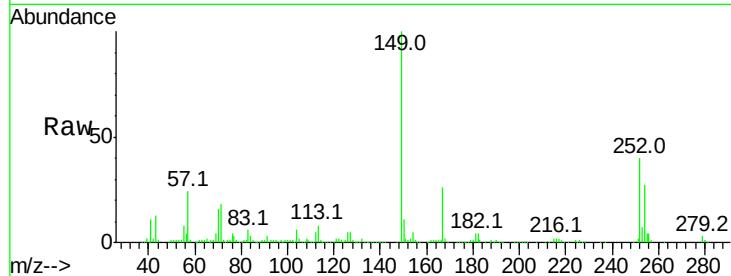
#81
 3,3'-Dichlorobenzidine
 Concen: 40.673 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	13.1	11.3	16.9

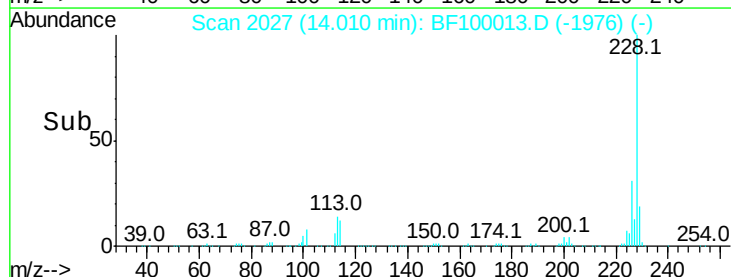
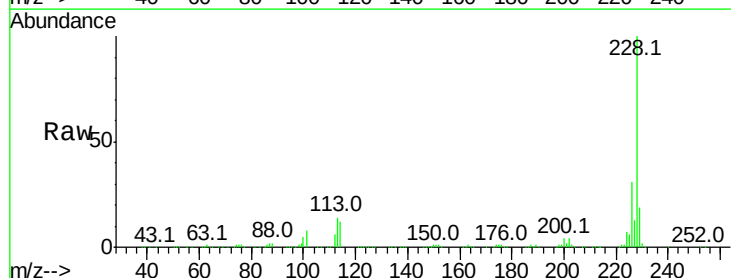
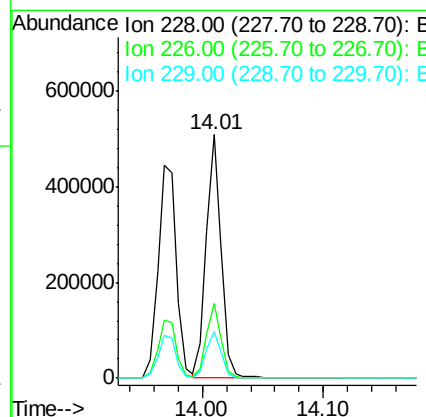
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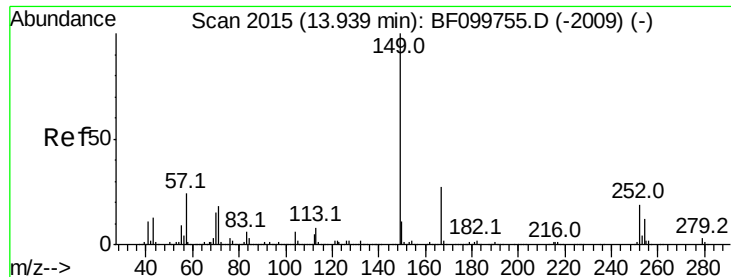
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#82
 Chrysene
 Concen: 44.442 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.1	16.2	24.4





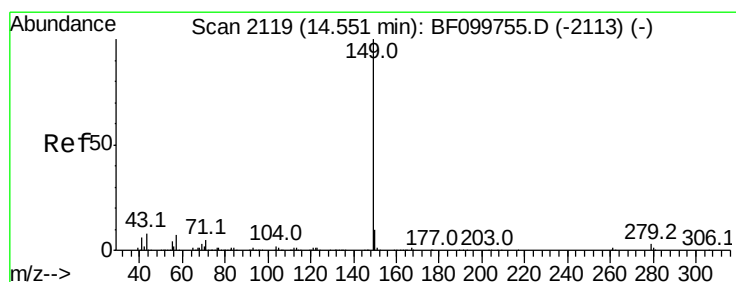
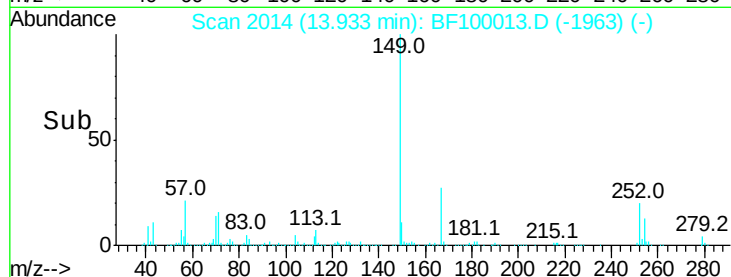
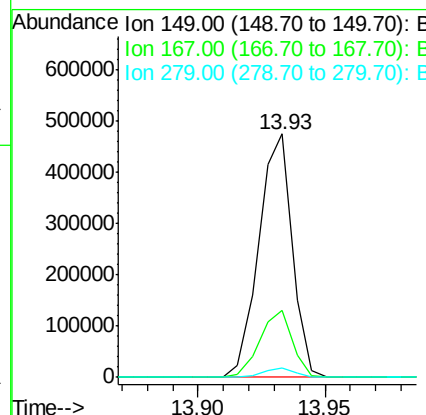
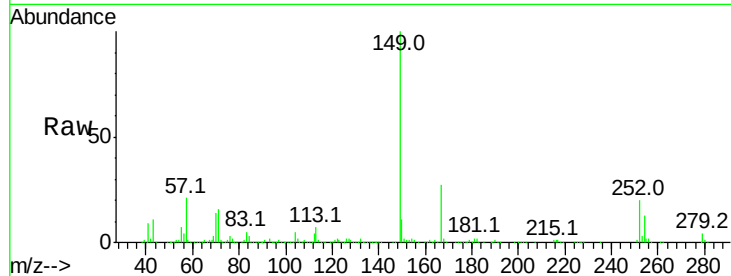
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.112 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	437575		
167	27.4	21.3	31.9	
279	3.6	3.0	4.4	

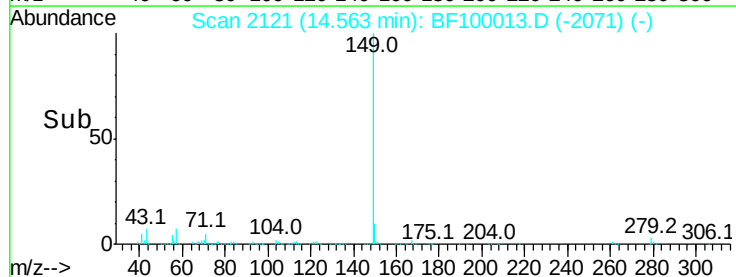
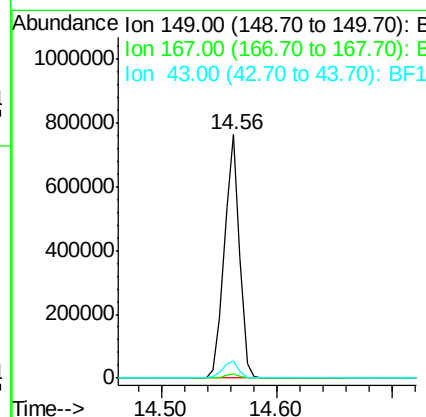
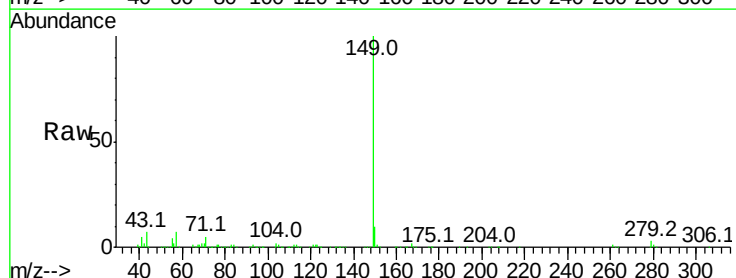
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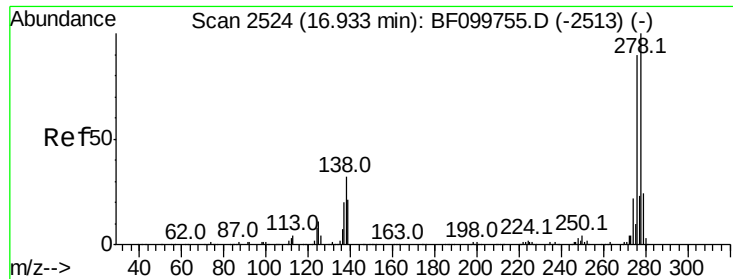
Sohil
 11/1/2017 2:37:47 PM



#84
 Di-n-octyl phthalate
 Concen: 45.978 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	689077		
167	1.6	1.2	1.8	
43	7.2	8.4	12.6	





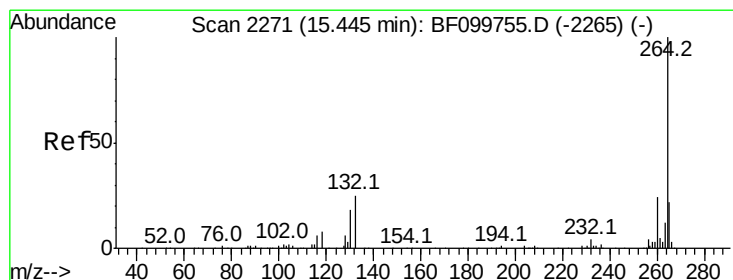
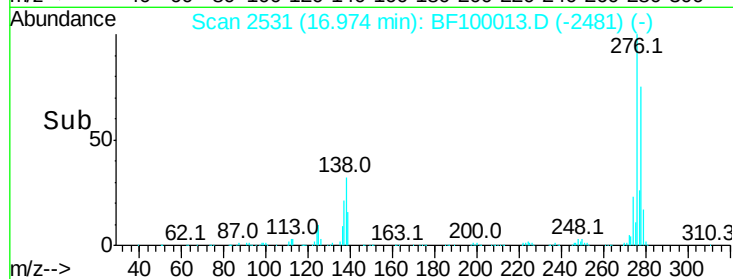
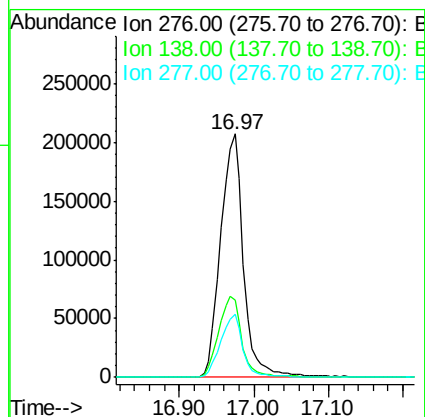
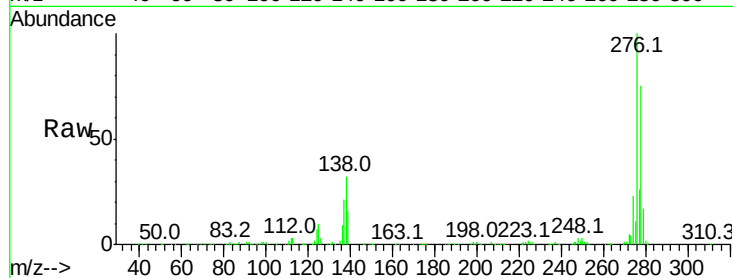
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.923 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	25.3	20.1	30.1

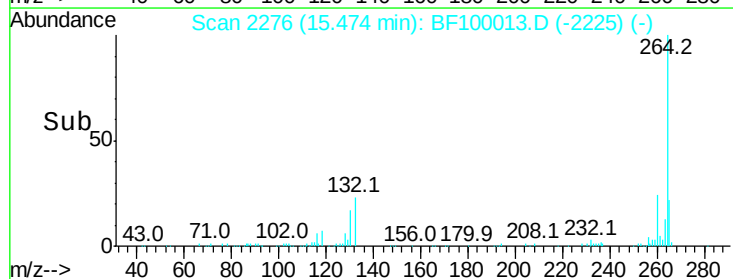
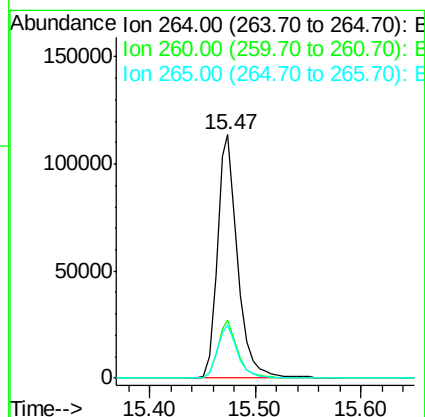
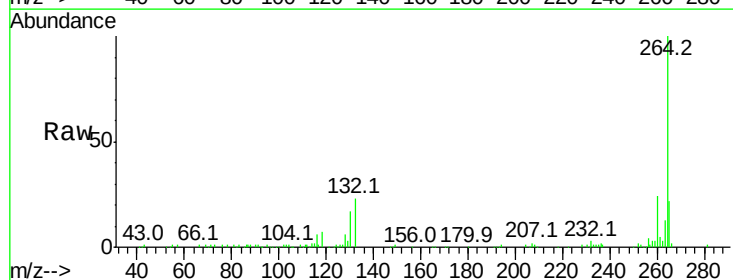
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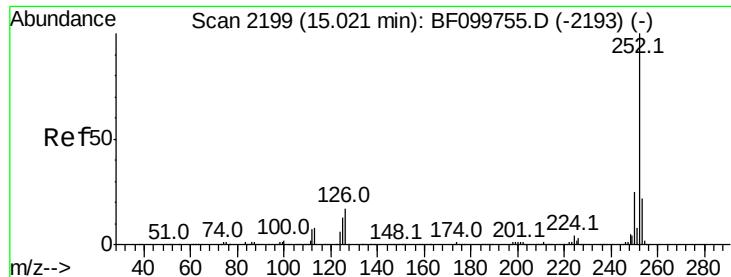
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF100013.D
Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.871 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Instrument :

BNA_F

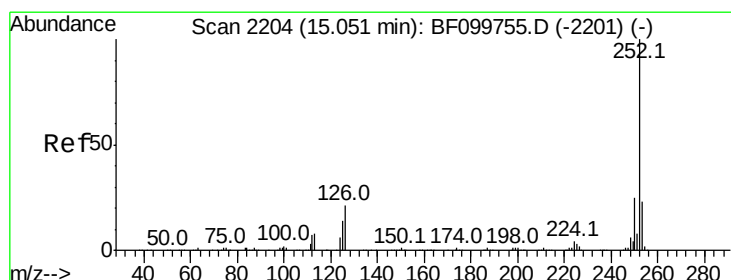
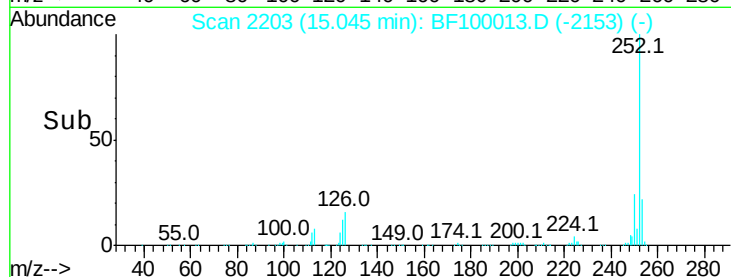
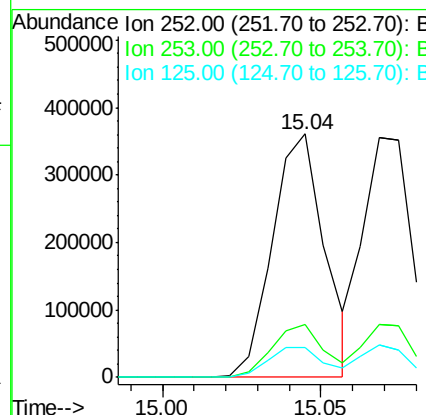
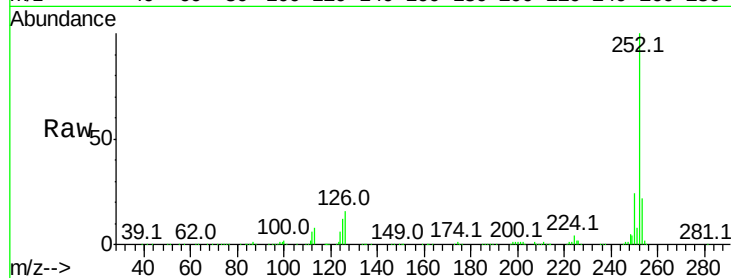
ClientSampleId :

EPE-120-3(20-22)MS

Tot Ion:	252	Resp:	414196
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	12.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.854 ng

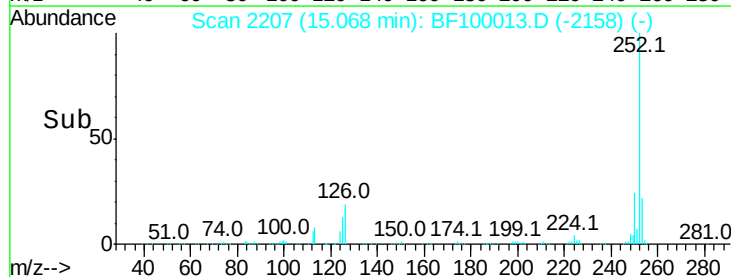
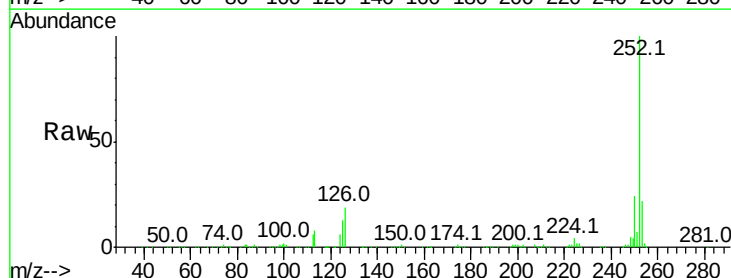
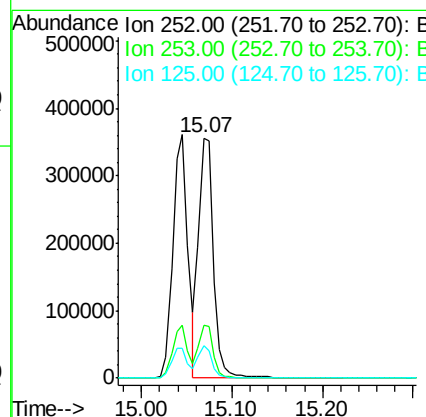
RT: 15.07 min Scan# 2207

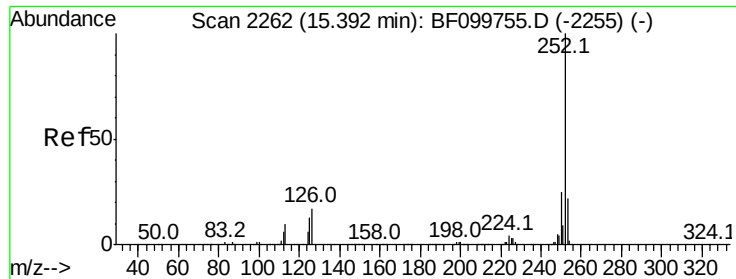
Delta R.T. -0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion:	252	Resp:	399525
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	13.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 45.644 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

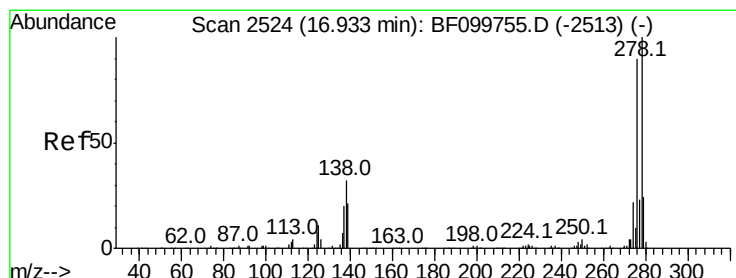
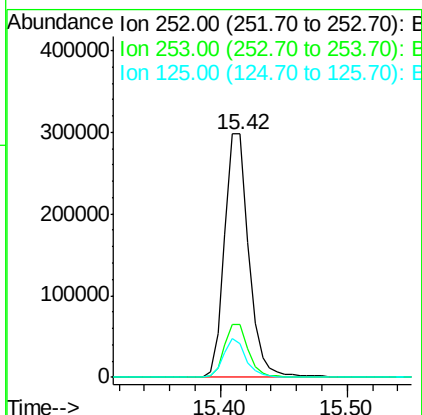
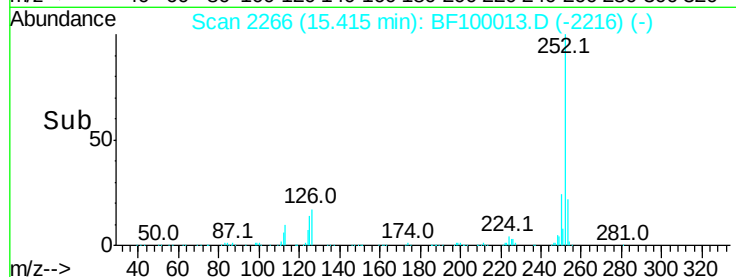
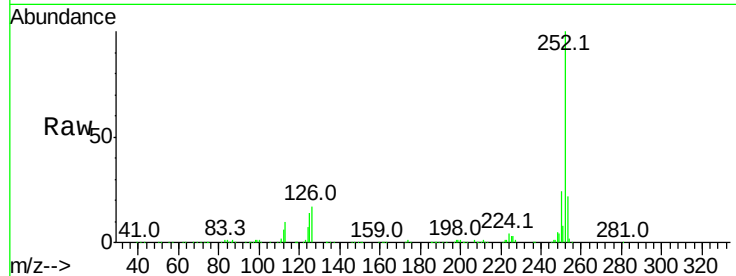
Instrument :
BNA_F

ClientSampleId :
EPE-120-3(20-22)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.7	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 48.108 ng

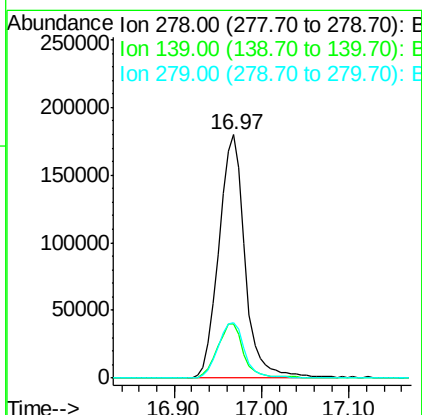
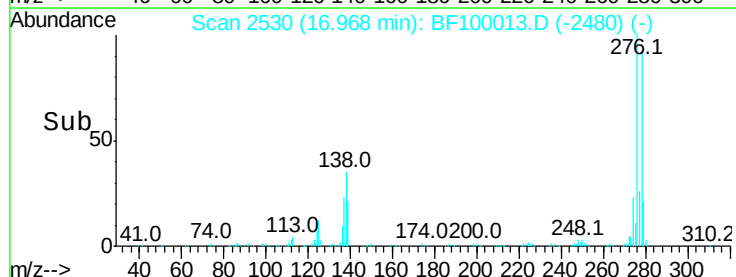
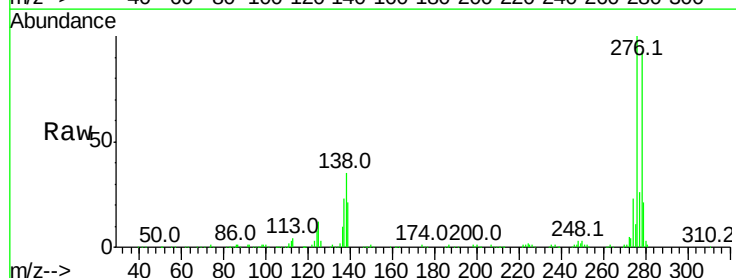
RT: 16.97 min Scan# 2530

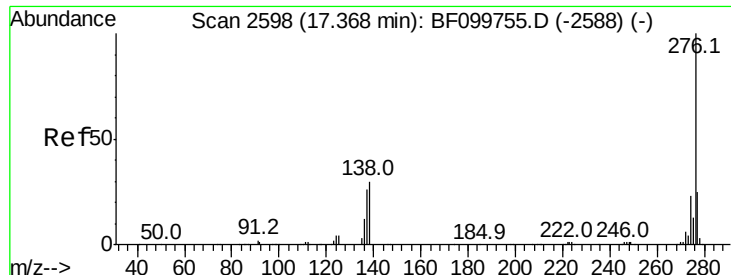
Delta R.T. -0.01 min

Lab File: BF100013.D

Acq: 31 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.716 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF100013.D
 Acq: 31 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MS

Tot Ion:	276	Resp:	375085
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.9	26.9
138	28.6	21.8	32.8

Manual Integrations
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 11/1/2017 2:37:47 PM

