

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099894.D
 Acq On : 28 Oct 2017 00:08
 Operator : SJ/JU
 Sample : I6029-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Manual Integrations
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 10/30/2017 6:16:48 PM

Quant Time: Oct 28 01:58:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104877	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436383	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203912	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	351945	20.00	ng	0.00
75) Chrysene-d12	13.99	240	195622	20.00	ng	0.00
86) Perylene-d12	15.46	264	188165	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	885441	132.55	ng	0.01
7) Phenol-d6	6.45	99	1067727	134.80	ng	0.01
23) Nitrobenzene-d5	7.37	82	622517	91.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	234962	126.44	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1189657	90.01	ng	0.00
78) Terphenyl-d14	12.92	244	993309	110.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	98171	33.279	ng	# 88
3) Pyridine	3.35	79	238054	33.557	ng	# 86
4) n-Nitrosodimethylamine	3.29	42	95446	37.661	ng	# 68
6) Aniline	6.47	93	247883	24.136	ng	# 61
8) 2-Chlorophenol	6.59	128	283769	39.857	ng	94
9) Benzaldehyde	6.36	77	147356	31.132	ng	88
10) Phenol	6.46	94	370956	42.655	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	260841	38.841	ng	93
12) 1,3-Dichlorobenzene	6.73	146	289858	36.259	ng	96
13) 1,4-Dichlorobenzene	6.81	146	297967	36.726	ng	99
14) 1,2-Dichlorobenzene	6.97	146	272667	36.875	ng	94
15) Benzyl Alcohol	6.95	79	192697	38.254	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	323407	43.351	ng	# 43
17) 2-Methylphenol	7.06	107	223781	37.576	ng	# 95
18) Hexachloroethane	7.30	117	98334	36.328	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	173782	37.438	ng	90
20) 3+4-Methylphenols	7.22	107	284508	41.029	ng	# 68
22) Acetophenone	7.22	105	365687	36.804	ng	# 98
24) Nitrobenzene	7.39	77	269119	39.405	ng	# 88
25) Isophorone	7.62	82	518624	42.166	ng	97
26) 2-Nitrophenol	7.70	139	164143	41.962	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	239771	41.601	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	336794	39.099	ng	99
29) 2,4-Dichlorophenol	7.95	162	253185	42.287	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	247312	38.659	ng	98
31) Naphthalene	8.10	128	813077	38.599	ng	99
32) Benzoic acid	7.86	122	12289	2.422	ng	90
33) 4-Chloroaniline	8.16	127	144060	16.562	ng	94
34) Hexachlorobutadiene	8.21	225	120124	36.506	ng	98
35) Caprolactam	8.56	113	76280m	40.513	ng	
36) 4-Chloro-3-methylphenol	8.66	107	246742	40.376	ng	94
37) 2-Methylnaphthalene	8.79	142	565251	40.042	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	232399	35.288	ng	97
40) Hexachlorocyclopentadiene	8.94	237	71080	57.563	ng	99

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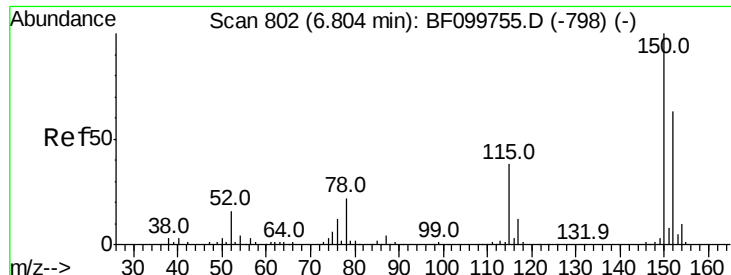
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	157622	39.567	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	158371	37.463	nq	95
45) 1,1'-Biphenyl	9.26	154	659930	35.775	nq	97
46) 2-Chloronaphthalene	9.29	162	519369	38.768	nq	94
47) 2-Nitroaniline	9.40	65	135009	38.398	nq	85
48) Acenaphthylene	9.70	152	761171	36.890	nq	99
49) Dimethylphthalate	9.57	163	771792	47.794	nq	100
50) 2,6-Dinitrotoluene	9.64	165	133818	39.419	nq	92
51) Acenaphthene	9.87	154	460084	36.493	nq	98
52) 3-Nitroaniline	9.82	138	111216	27.804	nq	# 85
53) 2,4-Dinitrophenol	9.94	184	68264	53.025	nq	# 81
54) Dibenzofuran	10.05	168	669923	37.643	nq	98
55) 4-Nitrophenol	10.00	139	137675	65.874	nq	80
56) 2,4-Dinitrotoluene	10.06	165	165029	40.367	nq	# 83
57) Fluorene	10.39	166	549828	37.314	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124878	42.132	nq	91
59) Diethylphthalate	10.27	149	581402	36.869	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	252091	36.352	nq	94
61) 4-Nitroaniline	10.45	138	136377	35.736	nq	82
62) Azobenzene	10.55	77	542710	41.055	nq	86
64) 4,6-Dinitro-2-methylphenol	10.47	198	71217	32.191	nq	# 70
65) n-Nitrosodiphenylamine	10.51	169	479830	36.933	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	146710	39.597	nq	# 87
67) Hexachlorobenzene	10.95	284	148475	39.170	nq	93
68) Atrazine	11.04	200	152800	39.154	nq	97
69) Pentachlorophenol	11.15	266	102500	63.283	nq	99
70) Phenanthrene	11.36	178	758737	38.201	nq	98
71) Anthracene	11.42	178	778973	38.638	nq	99
72) Carbazole	11.57	167	701747	37.014	nq	99
73) Di-n-butylphthalate	11.89	149	885377	36.613	nq	99
74) Fluoranthene	12.55	202	723062	35.030	nq	99
76) Benzidine	12.68	184	68044	7.949	nq	98
77) Pyrene	12.79	202	716667	48.179	nq	98
79) Butylbenzylphthalate	13.39	149	325666	44.460	nq	93
80) Benzo(a)anthracene	13.98	228	482857	38.937	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	125641	27.911	nq	100
82) Chrysene	14.02	228	450601	38.649	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	458674	44.590	nq	98
84) Di-n-octyl phthalate	14.56	149	641069	36.311	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.96	276	499411	46.661	nq	97
87) Benzo(b)fluoranthene	15.03	252	425008	35.770	nq	99
88) Benzo(k)fluoranthene	15.06	252	411612	36.738	nq	98
89) Benzo(a)pyrene	15.40	252	417267	39.095	nq	# 96
90) Dibenzo(a,h)anthracene	16.96	278	415579	43.820	nq	98
91) Benzo(g,h,i)perylene	17.40	276	435818	46.971	nq	97

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



#1

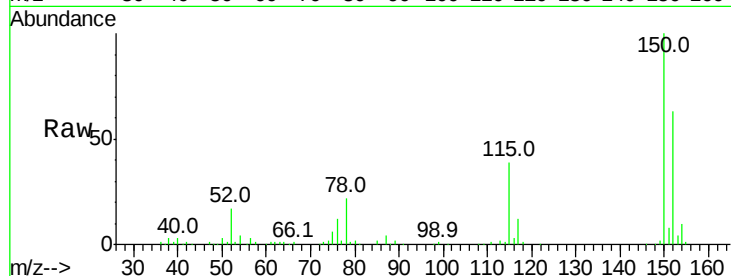
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099894.D
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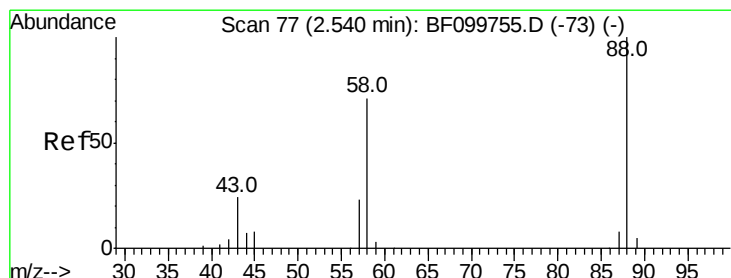
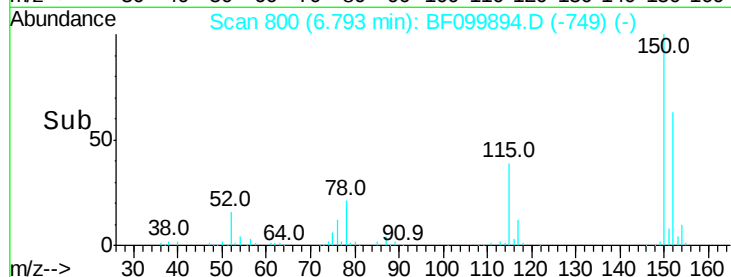
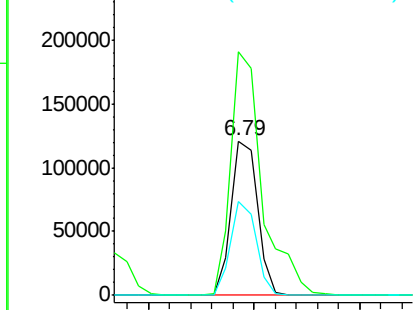
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	60.8	50.1	75.1

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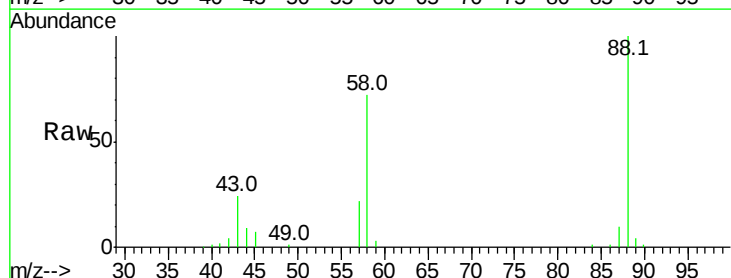
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



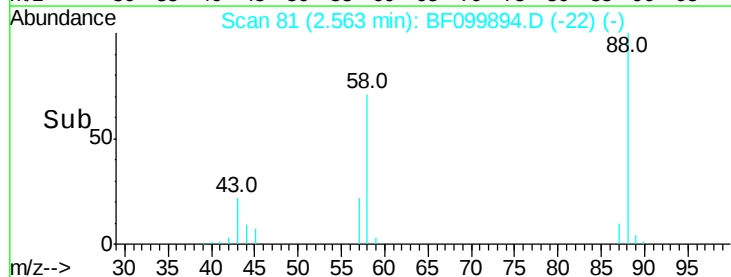
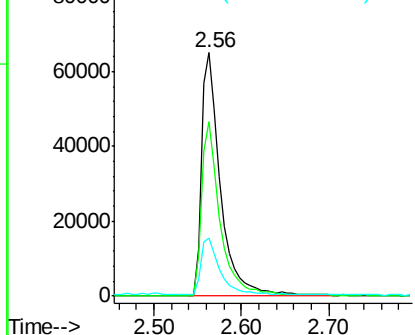
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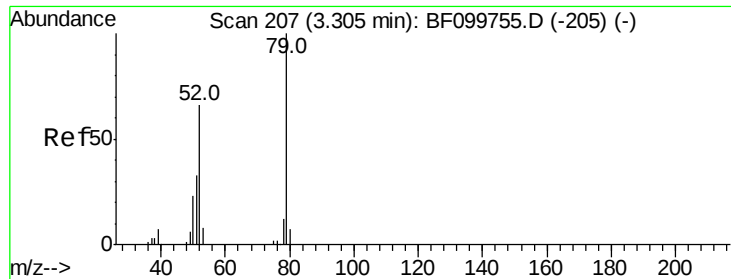
1,4-Dioxane
Concen: 33.279 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.05 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	62.6	93.8
43	22.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





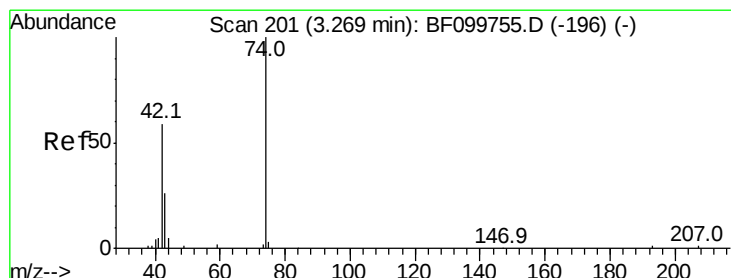
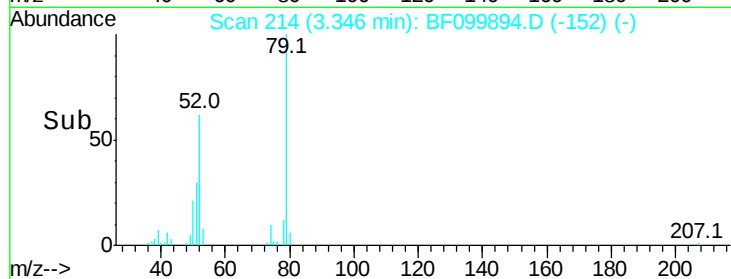
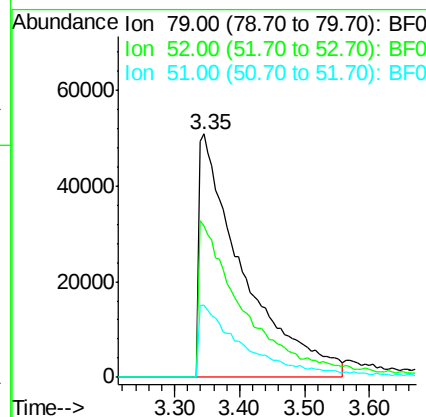
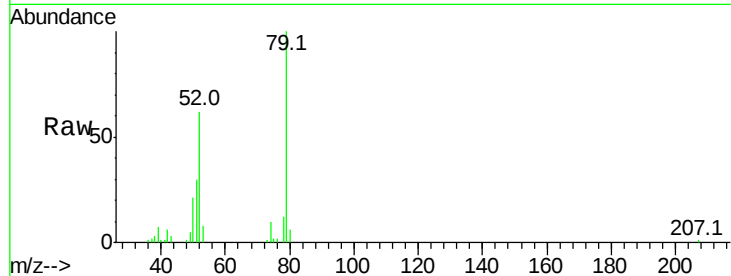
#3
 Pvridine
 Concen: 33.557 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	62.2	59.8	89.6	
51	29.8	29.8	44.8	

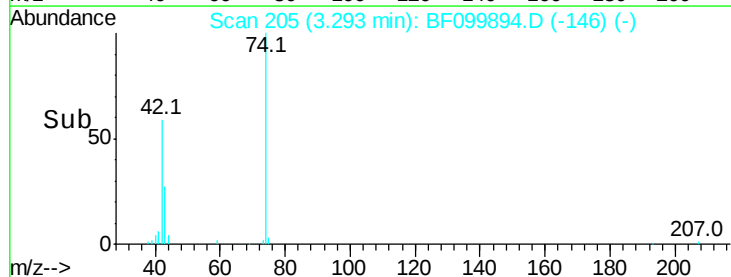
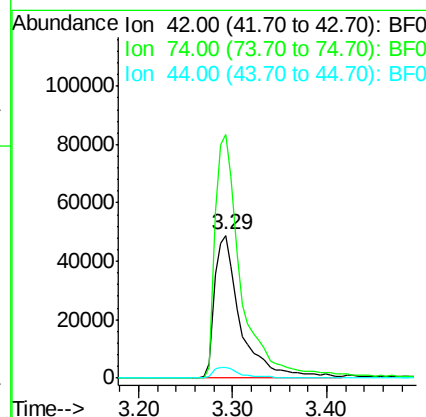
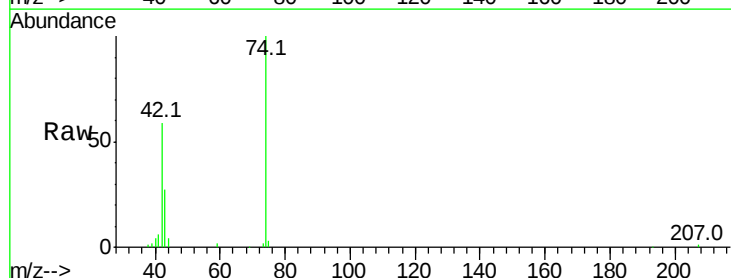
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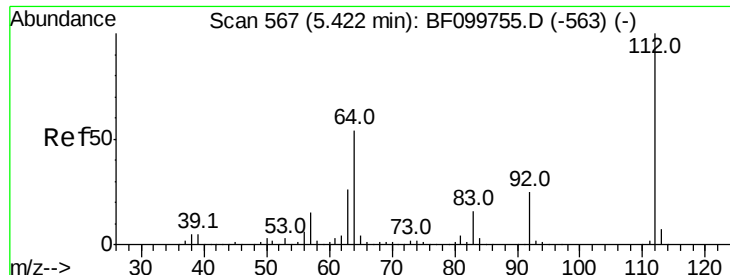
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#4
 n-Nitrosodimethylamine
 Concen: 37.661 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.05 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	170.7	104.9	157.3	
44	7.2	6.9	10.3	





#5

2-Fluorophenol

Concen: 132.547 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

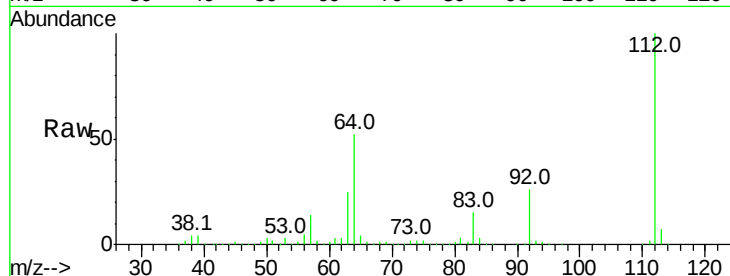
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	112	Resp:	885441
Ion Ratio	Lower	Upper	
112	100		
64	51.7	47.9	71.9
63	25.2	23.7	35.5

Manual Integrations
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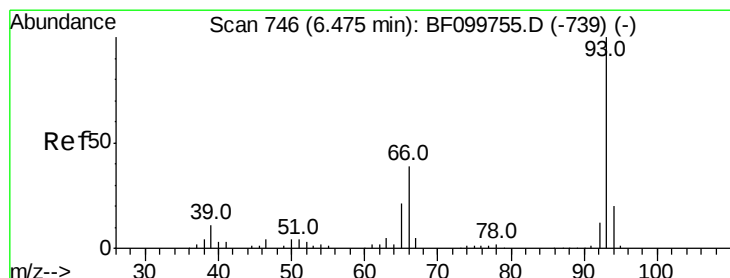
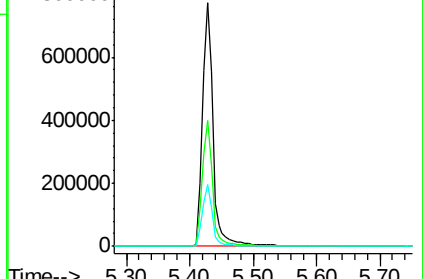
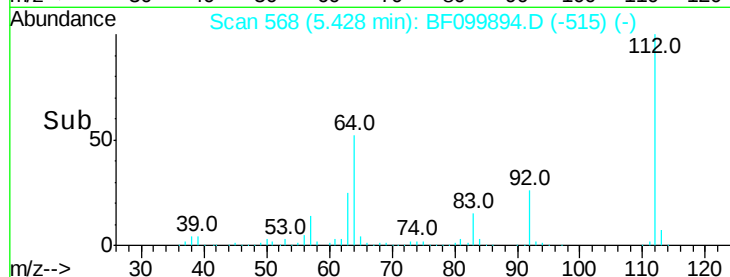
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Abundance Ion 112.00 (111.70 to 112.70): BF099755.D (-563) (-)

Ion 64.00 (63.70 to 64.70): BF099755.D (-563) (-)

Ion 63.00 (62.70 to 63.70): BF099755.D (-563) (-)



#6

Aniline

Concen: 24.136 ng

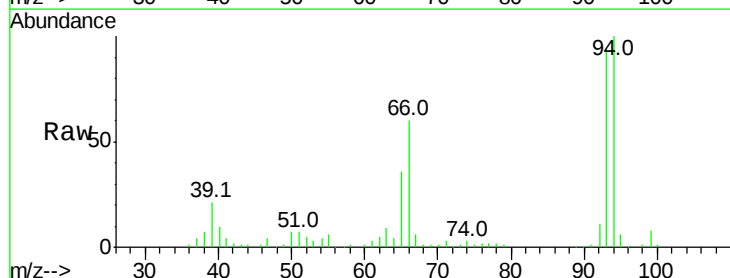
RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

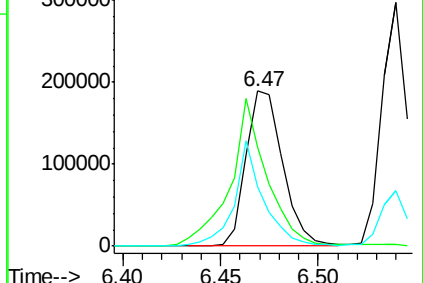
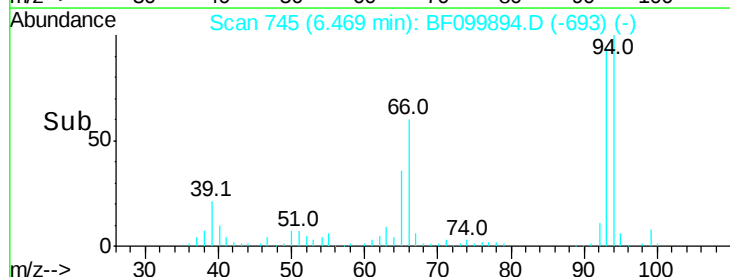
Tgt Ion:	93	Resp:	247883
Ion Ratio	Lower	Upper	
93	100		
66	64.1	32.2	48.2#
65	38.6	16.4	24.6#

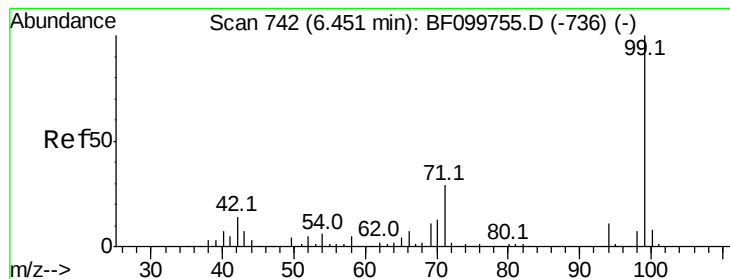


Abundance Ion 93.00 (92.70 to 93.70): BF099755.D (-739) (-)

Ion 66.00 (65.70 to 66.70): BF099755.D (-739) (-)

Ion 65.00 (64.70 to 65.70): BF099755.D (-739) (-)





#7

Phenol-d6

Concen: 134.800 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1067727

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

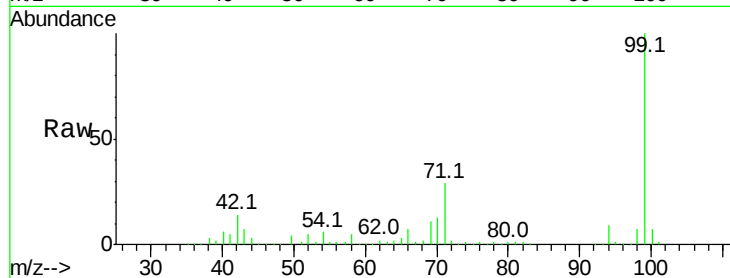
71 28.9 25.4 38.0

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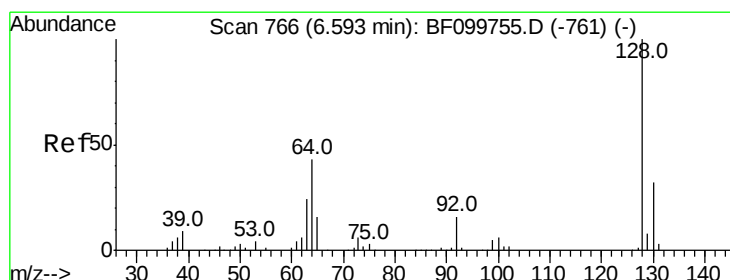
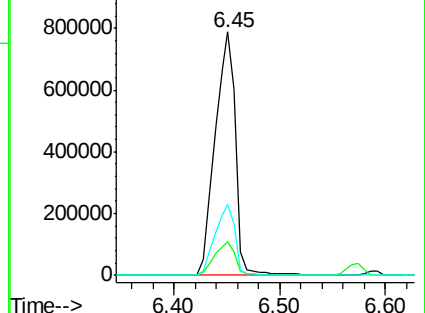
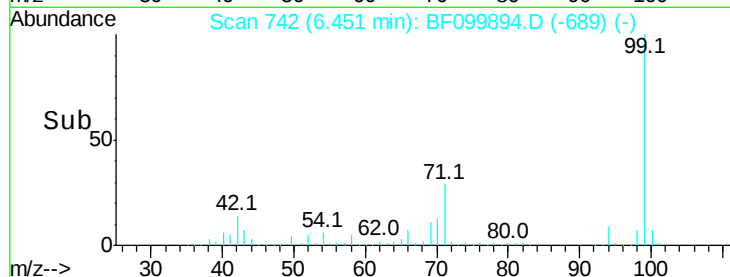
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.857 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

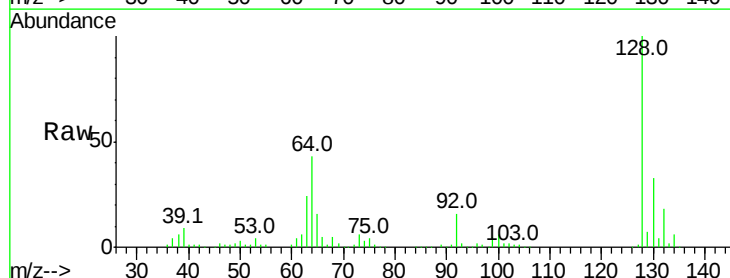
Tgt Ion:128 Resp: 283769

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

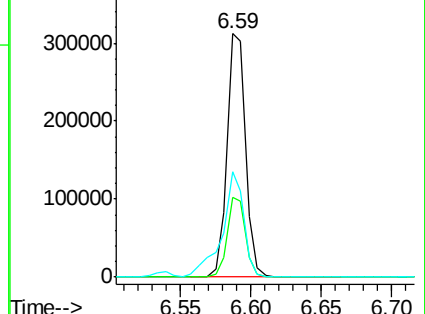
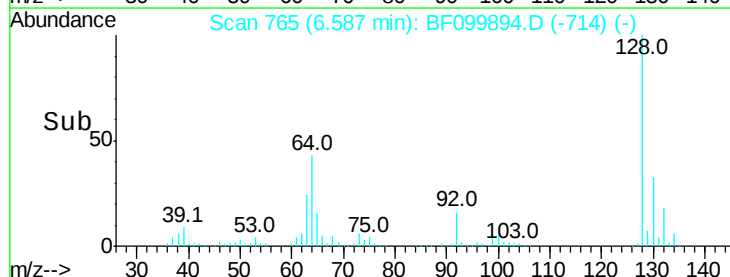
64 43.4 29.4 69.4

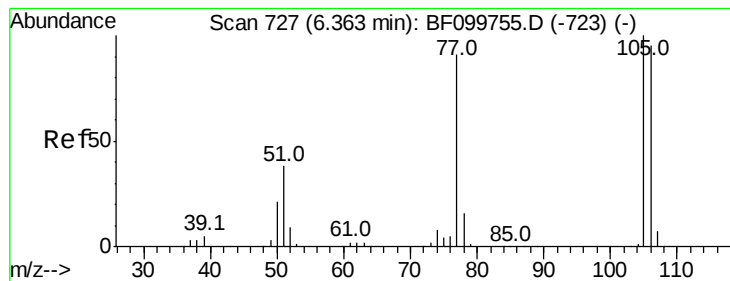


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.132 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

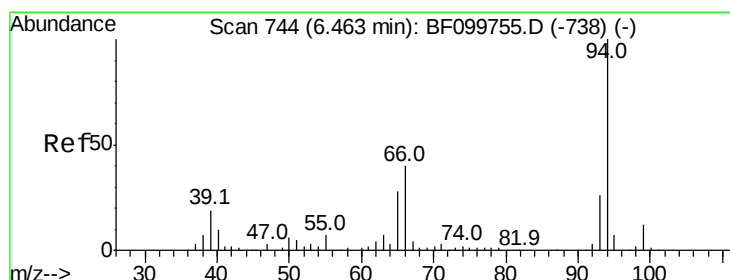
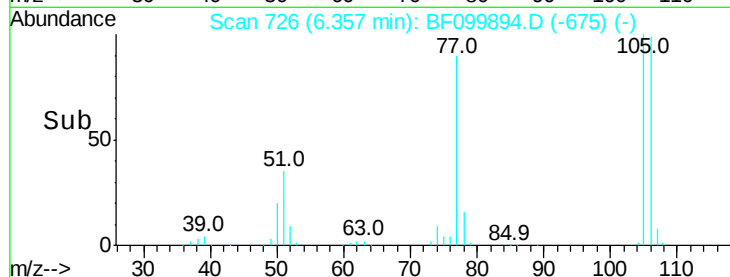
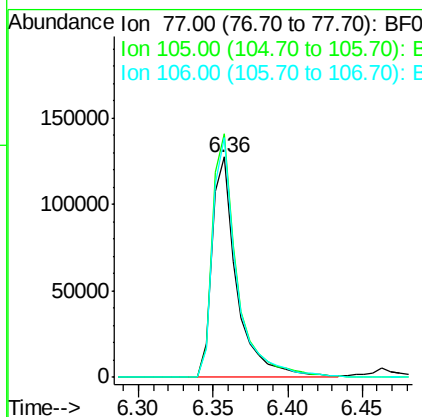
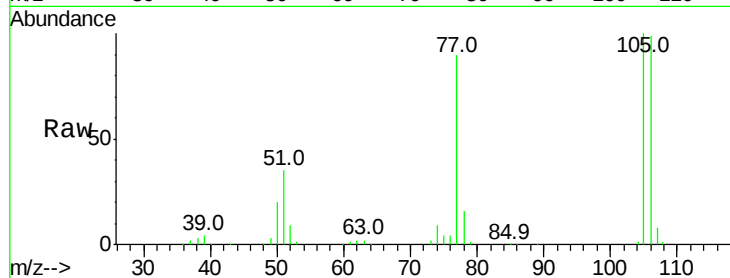
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	77	Resp:	147356
Ion	Ratio	Lower	Upper
77	100		
105	110.5	81.1	121.1
106	108.8	74.5	114.5

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#10

Phenol

Concen: 42.655 ng

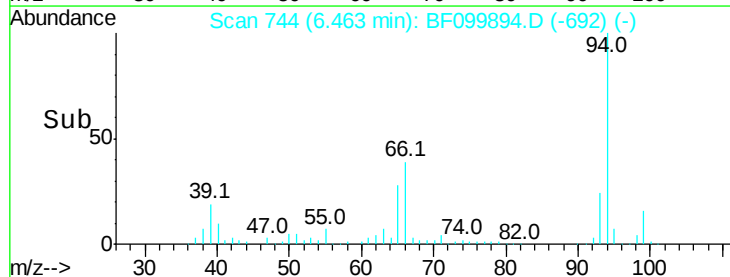
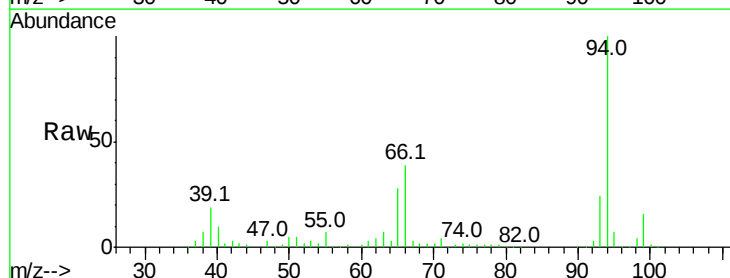
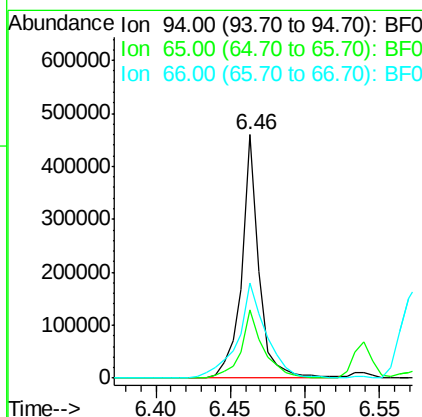
RT: 6.46 min Scan# 744

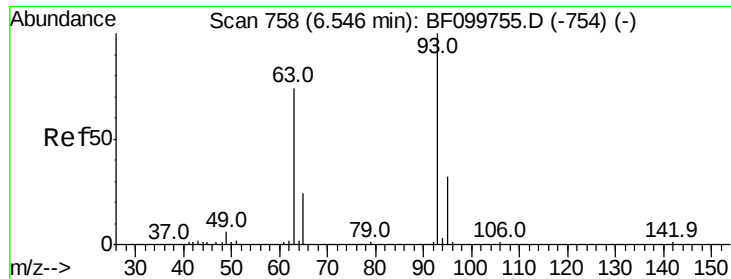
Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	94	Resp:	370956
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	39.1	16.2	56.2





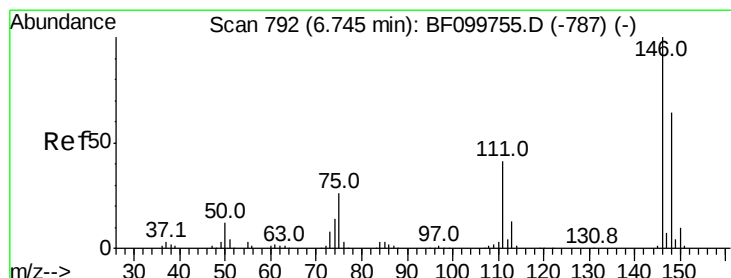
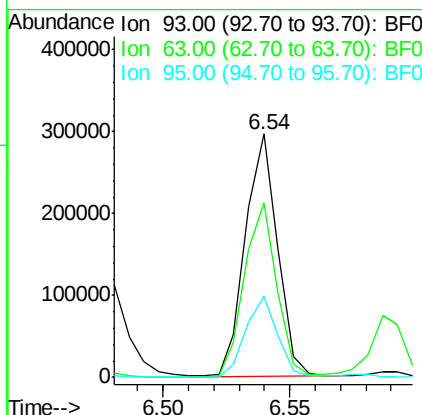
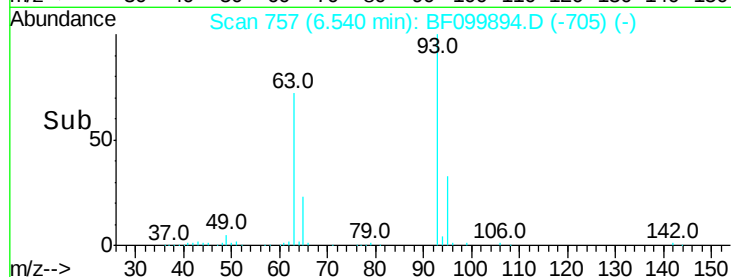
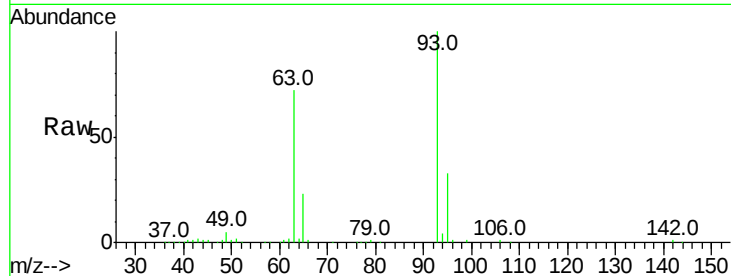
#11
 bis(2-Chloroethyl)ether
 Concen: 38.841 ng
 RT: 6.54 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion:	93	Resp:	260841
Ion Ratio	Lower	Upper	
93	100		
63	71.6	58.6	98.6
95	33.4	11.8	51.8

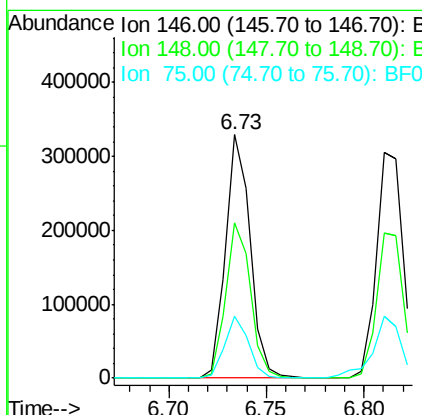
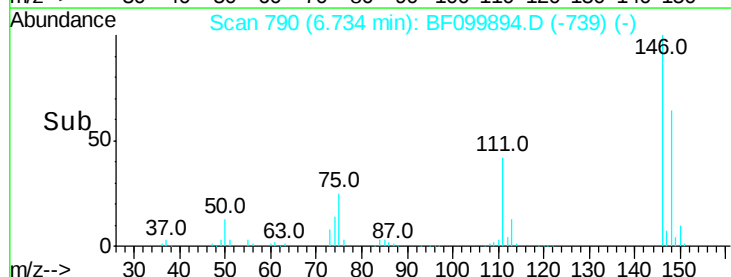
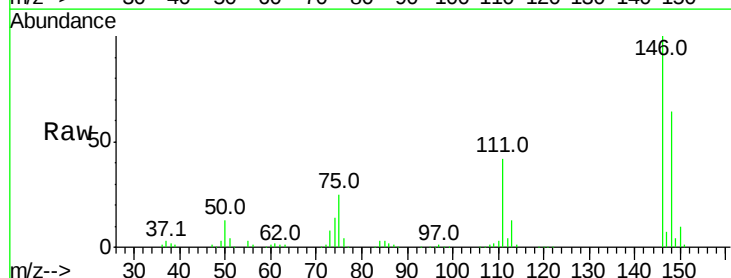
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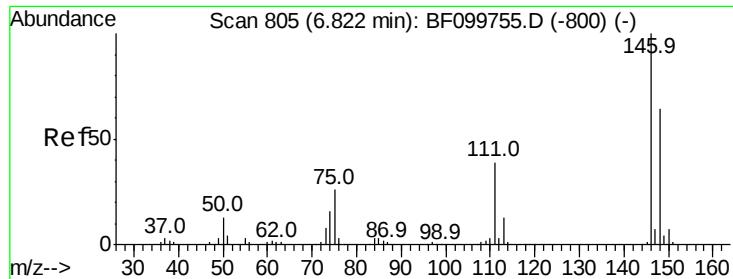
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#12
 1,3-Dichlorobenzene
 Concen: 36.259 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:	146	Resp:	289858
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	25.4	24.2	36.4





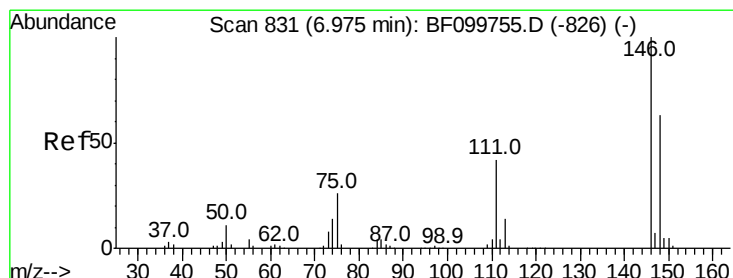
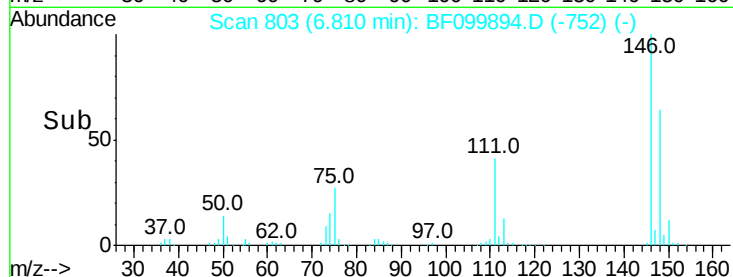
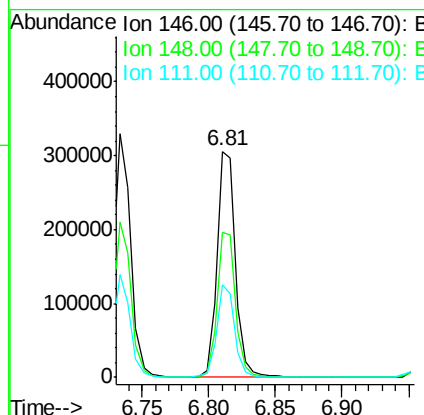
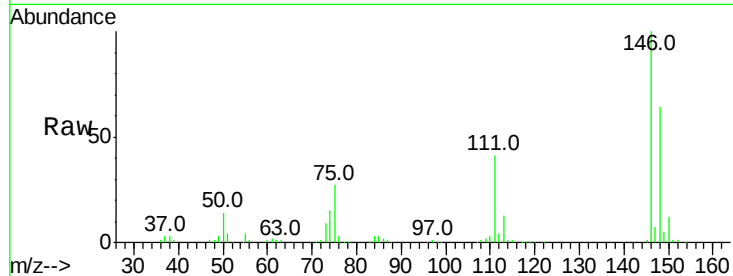
#13
 1,4-Dichlorobenzene
 Concen: 36.726 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	41.1	34.2	51.2

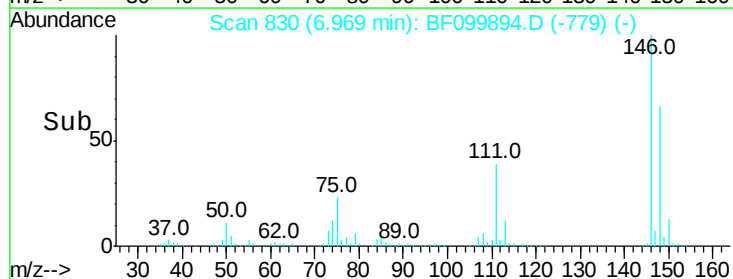
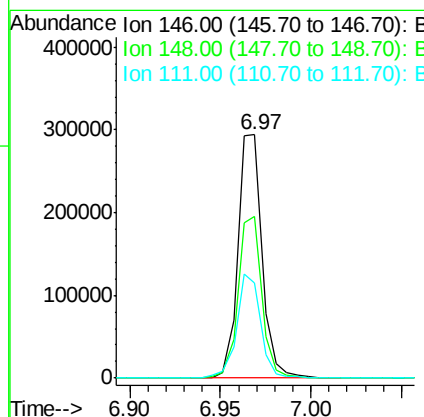
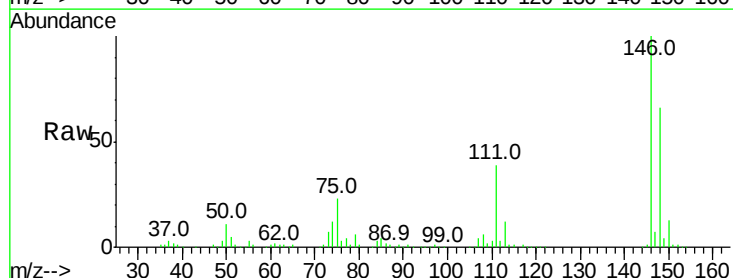
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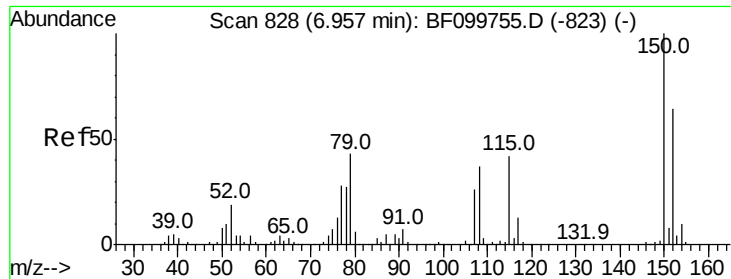
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#14
 1,2-Dichlorobenzene
 Concen: 36.875 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.6	75.8
111	39.0	36.0	54.0





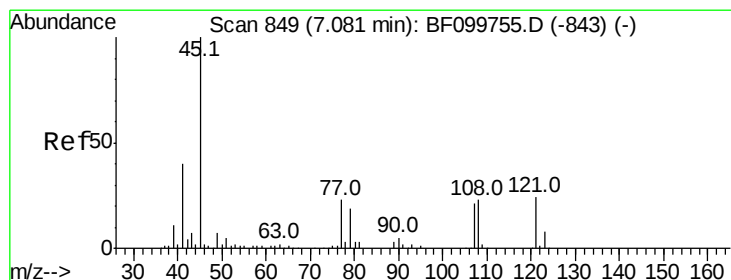
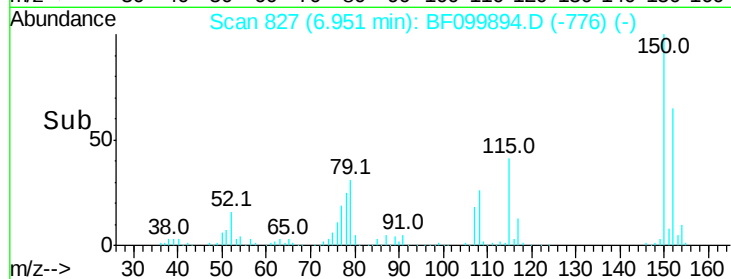
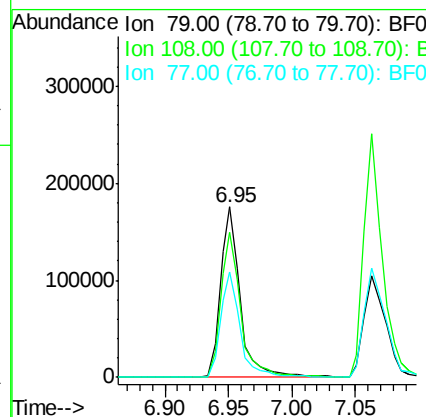
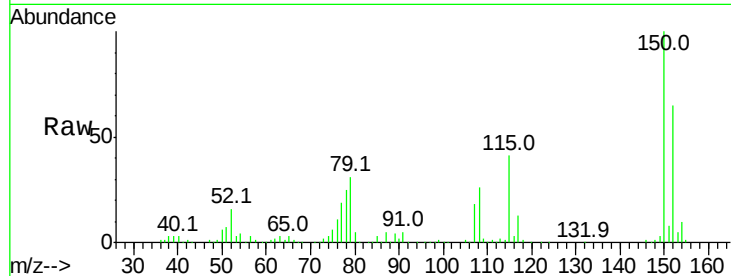
#15
Benzyl Alcohol
Concen: 38.254 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.0	65.1	97.7
77	61.9	50.6	75.8

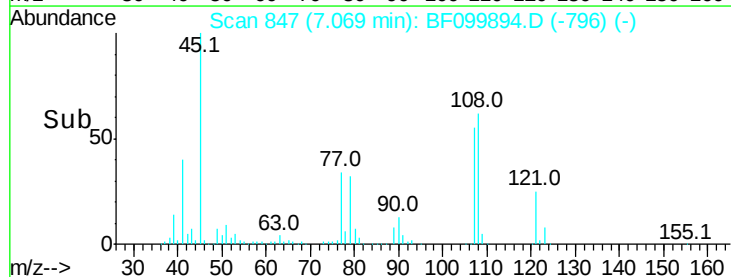
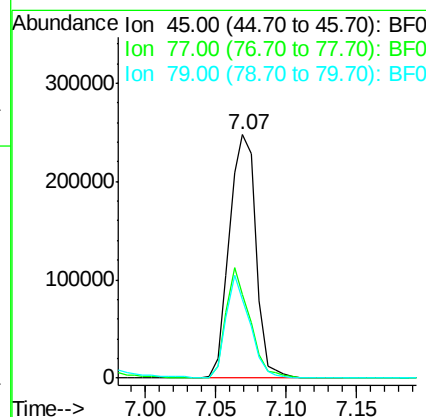
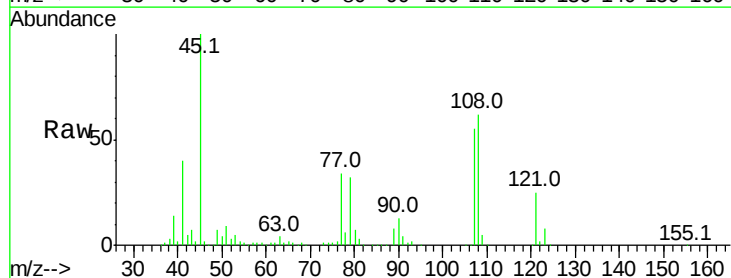
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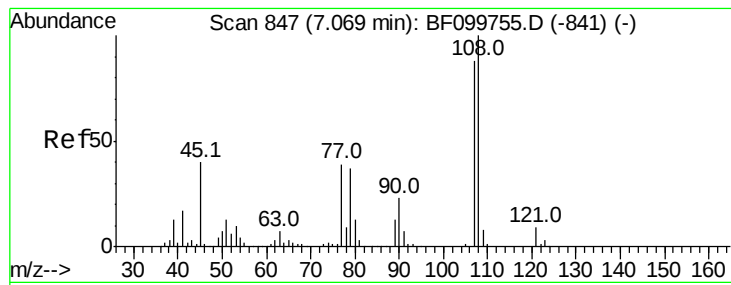
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.351 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.2	0.0	32.9#
79	32.0	0.0	29.6#





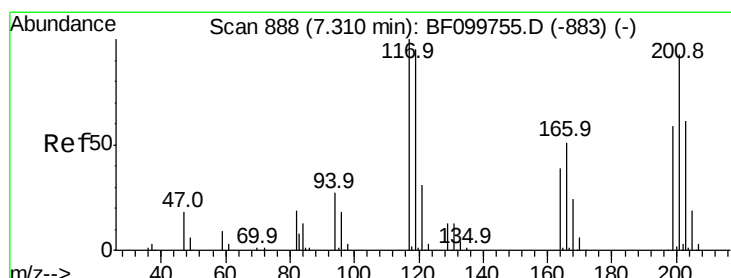
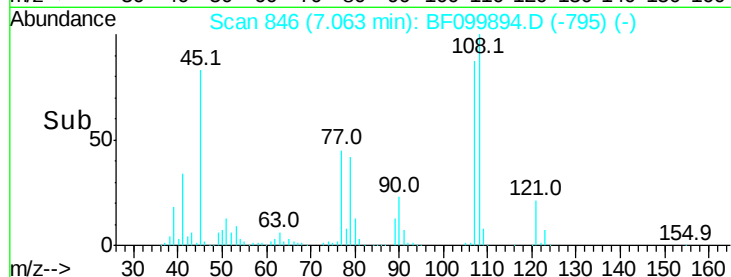
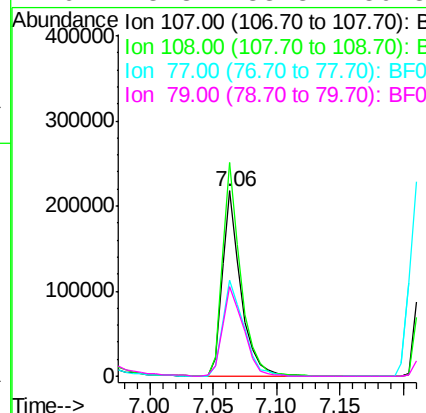
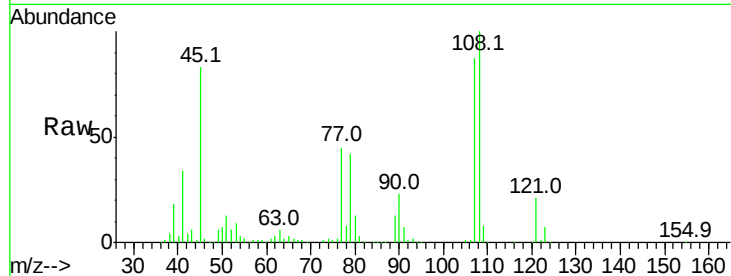
#17
2-Methylphenol
Concen: 37.576 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion:	107	Resp:	223781
Ion Ratio	Lower	Upper	
107	100		
108	115.2	91.7	137.5
77	51.7	33.8	50.8#
79	48.3	33.8	50.8

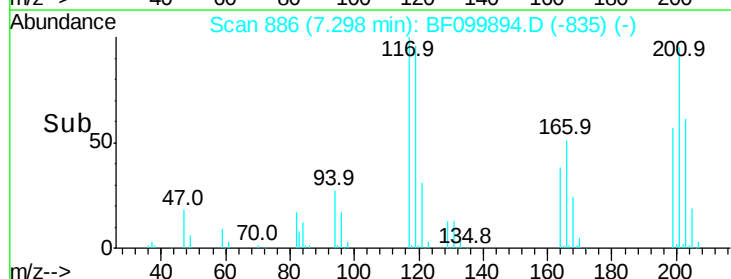
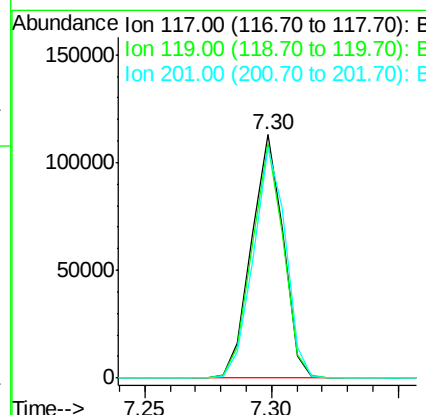
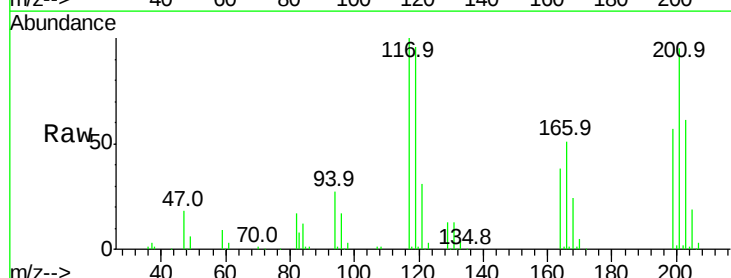
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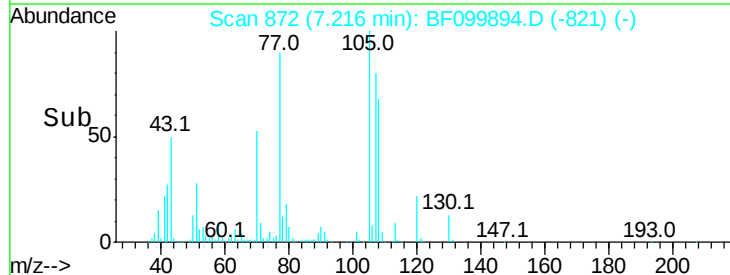
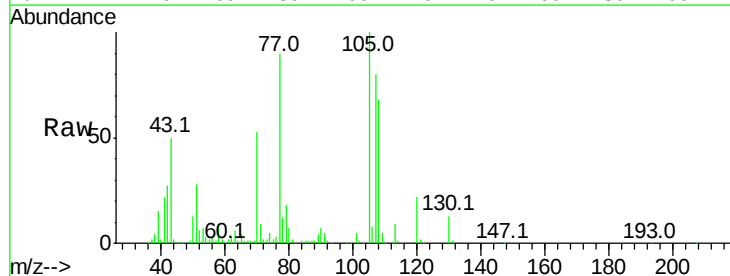
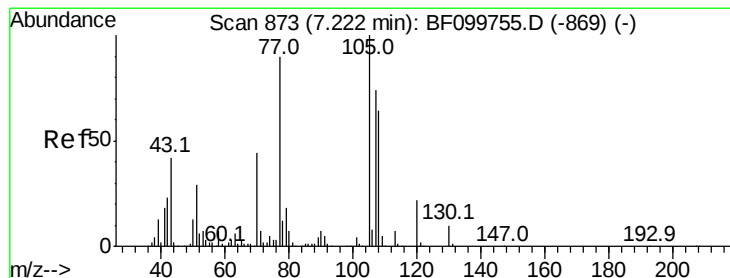
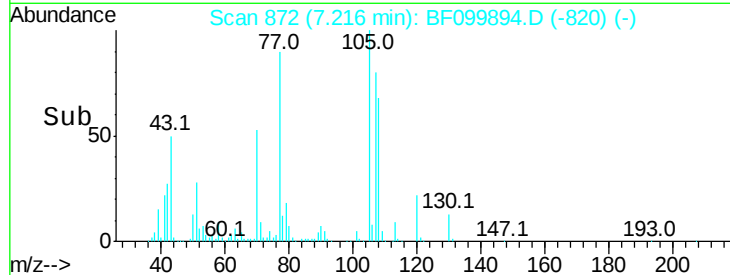
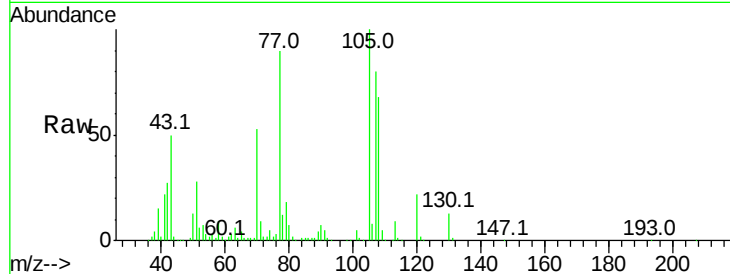
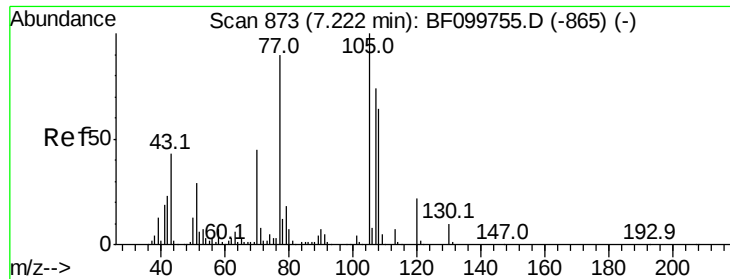
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#18
Hexachloroethane
Concen: 36.328 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:	117	Resp:	98334
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.8	113.8
201	94.9	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.438 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion: 70 Resp: 173782

Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 9.9 7.4 11.2

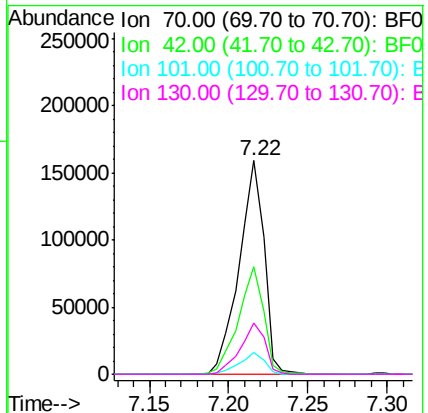
130 24.0 16.6 25.0

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#20

3+4-Methylphenols

Concen: 41.029 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion: 107 Resp: 284508

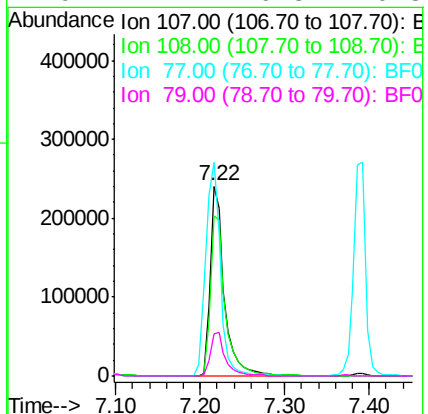
Ion Ratio Lower Upper

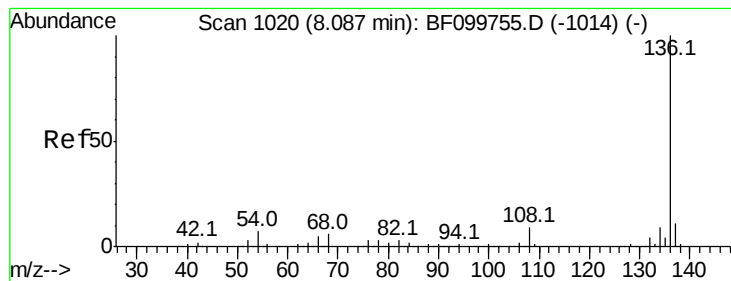
107 100

108 84.5 68.2 108.2

77 112.5 26.7 66.7#

79 22.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

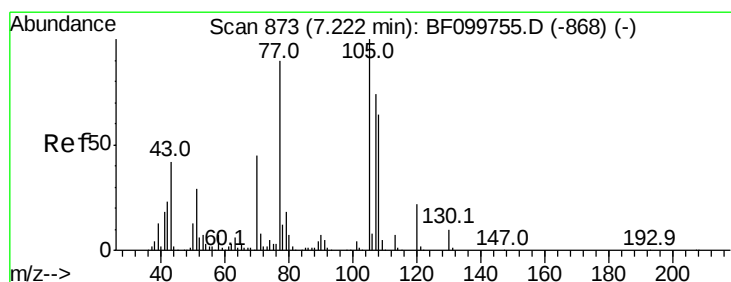
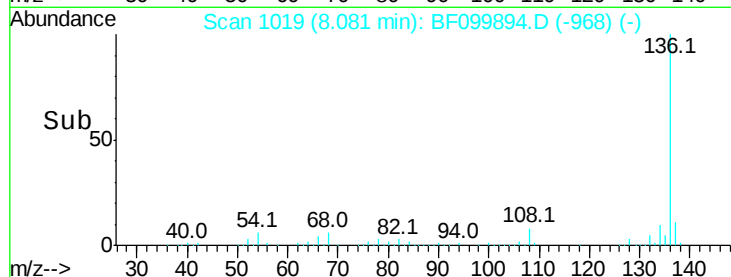
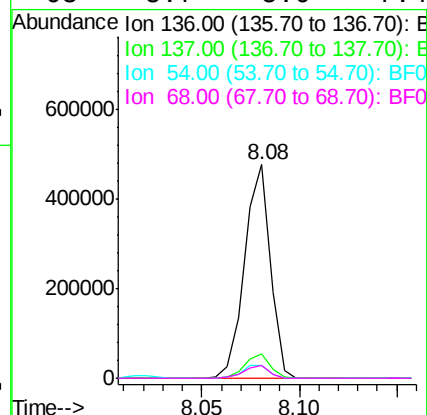
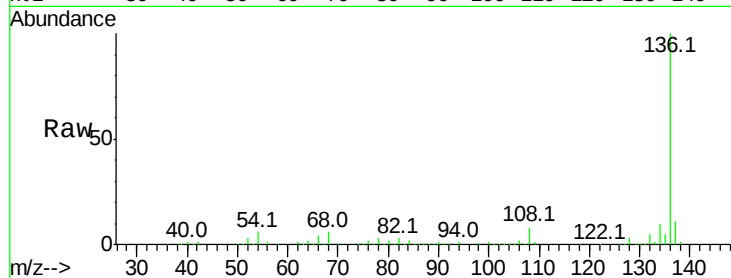
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	6.2	6.6	9.8	
68	5.7	5.0	7.4	

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#22

Acetophenone

Concen: 36.804 ng

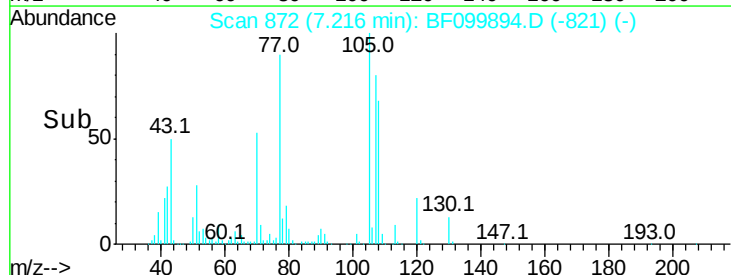
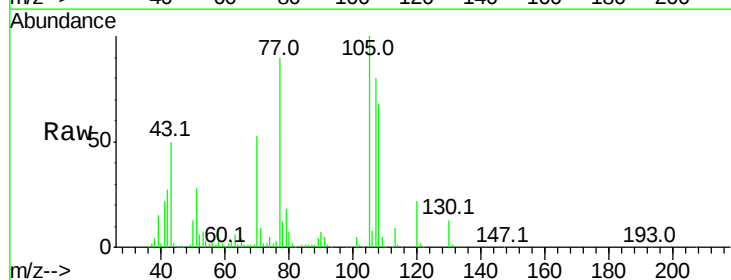
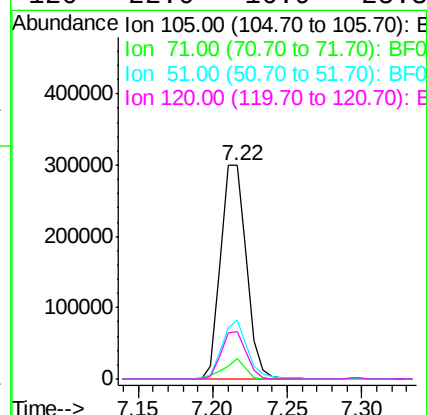
RT: 7.22 min Scan# 872

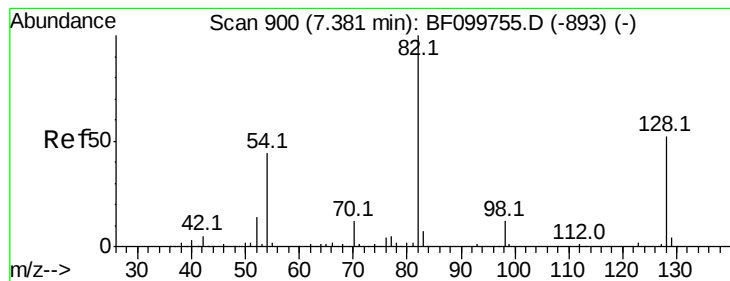
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.4	4.4	6.6	
51	27.7	22.3	33.5	
120	22.0	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 91.841 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

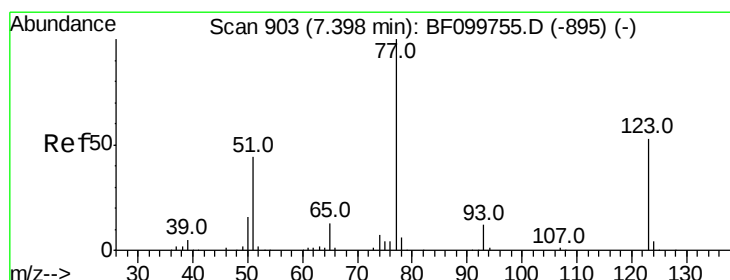
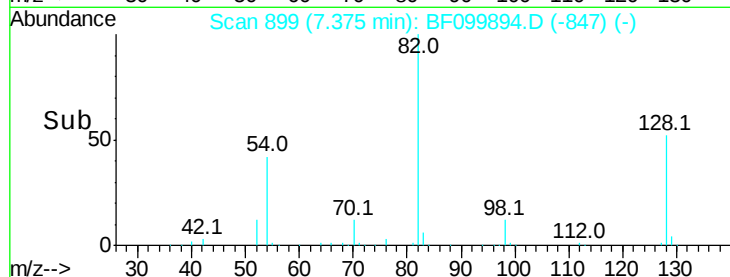
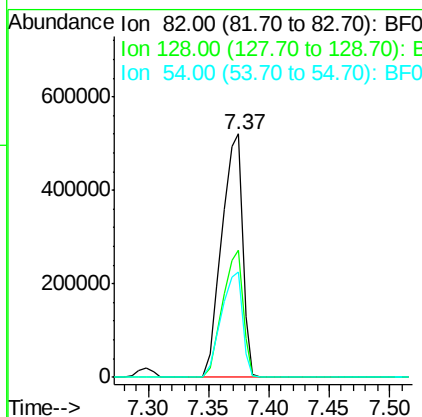
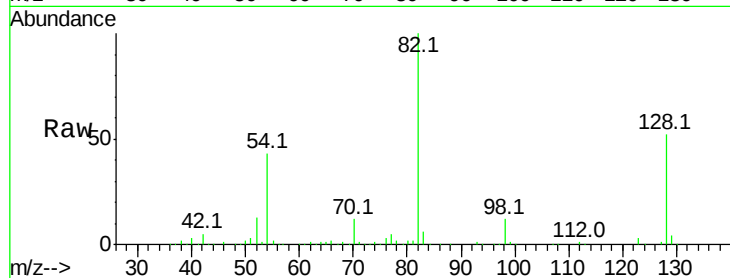
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	82	Resp:	622517
Ion Ratio	Lower	Upper	
82	100		
128	52.3	36.1	54.1
54	43.4	41.4	62.2

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#24

Nitrobenzene

Concen: 39.405 ng

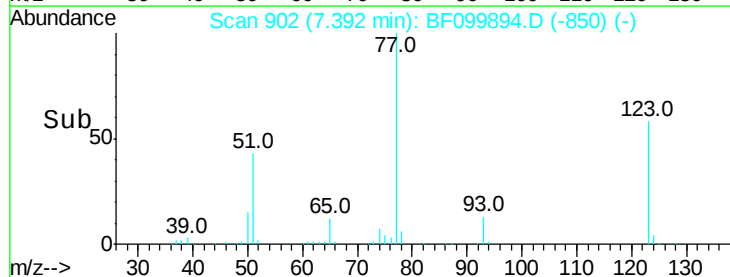
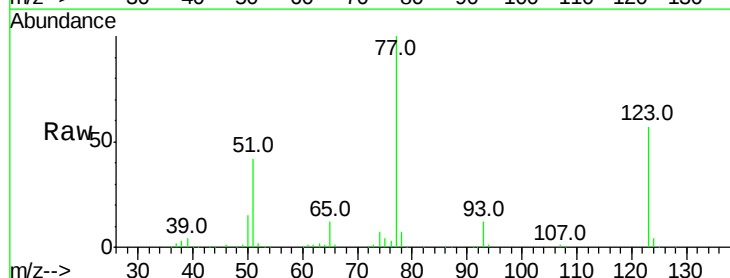
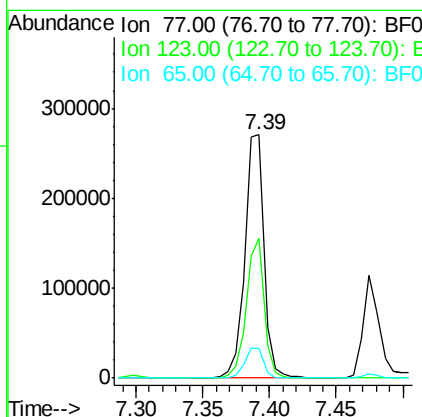
RT: 7.39 min Scan# 902

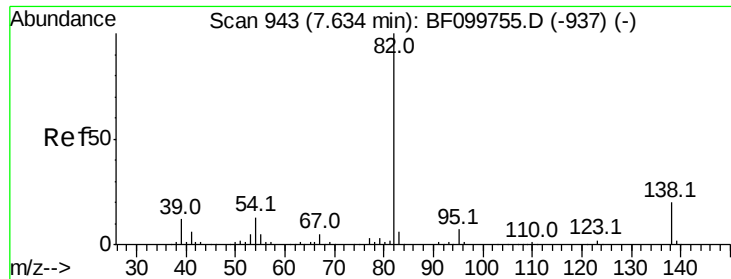
Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	77	Resp:	269119
Ion Ratio	Lower	Upper	
77	100		
123	57.2	37.9	56.9#
65	12.1	11.0	16.4





#25

Isophorone

Concen: 42.166 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

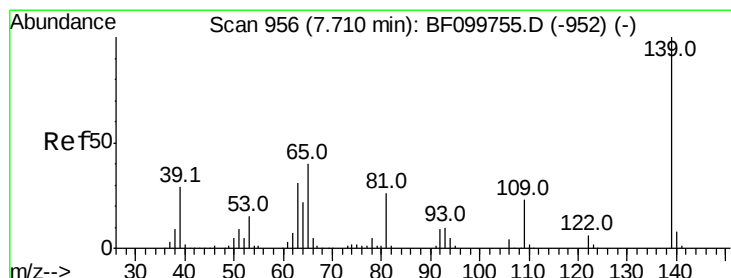
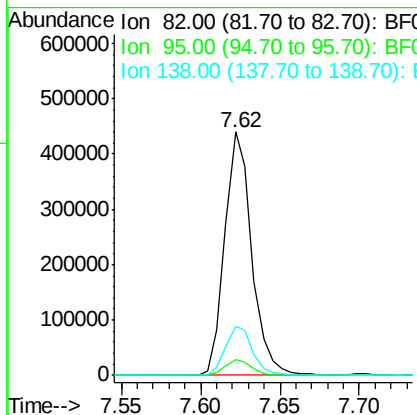
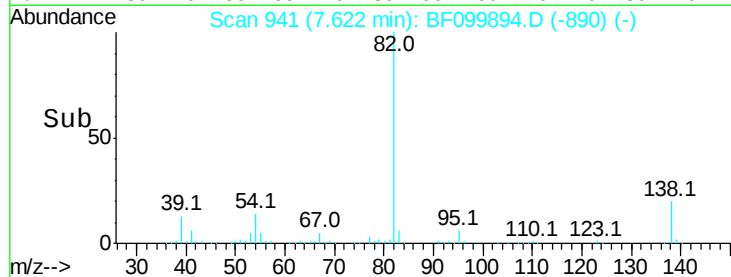
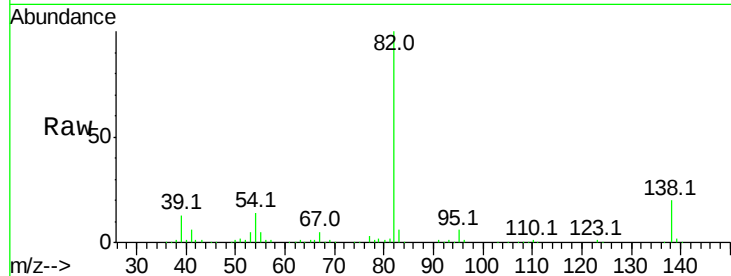
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	82	Resp:	518624
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	20.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.962 ng

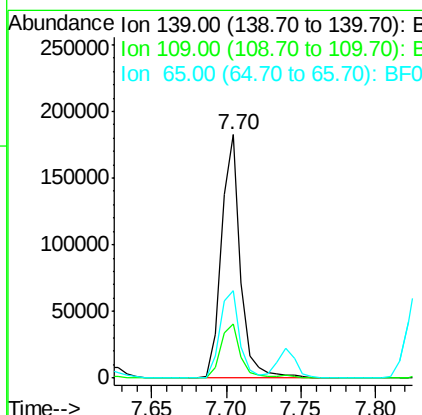
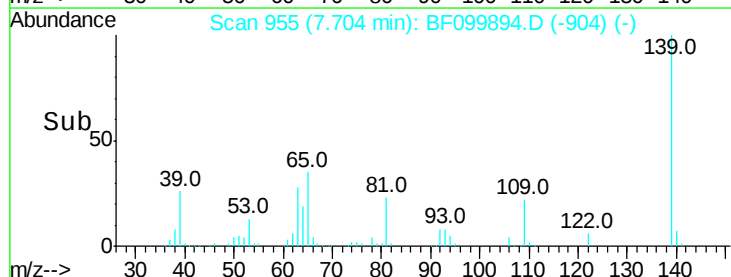
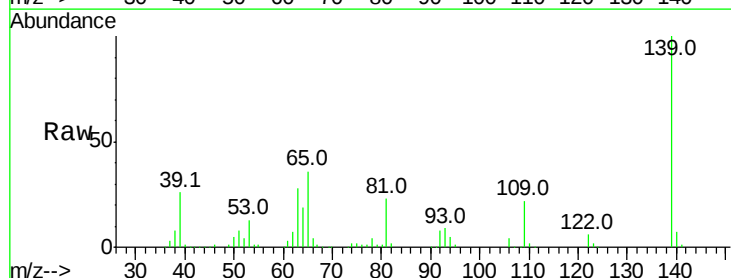
RT: 7.70 min Scan# 955

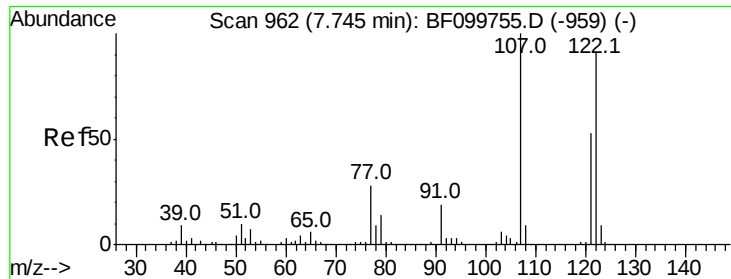
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	139	Resp:	164143
Ion Ratio	Lower	Upper	
139	100		
109	22.3	22.7	34.1#
65	35.8	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 41.601 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

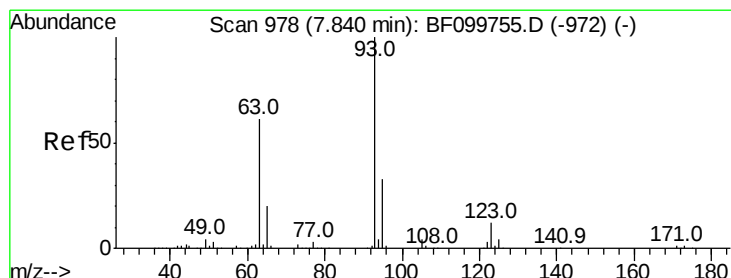
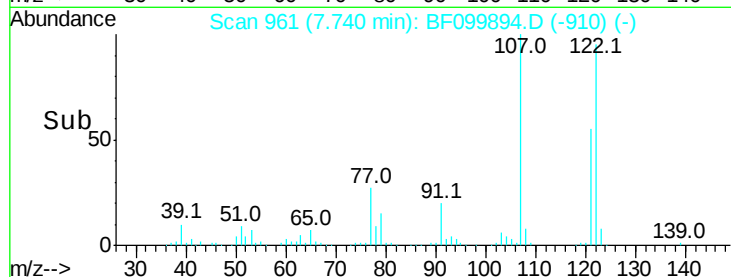
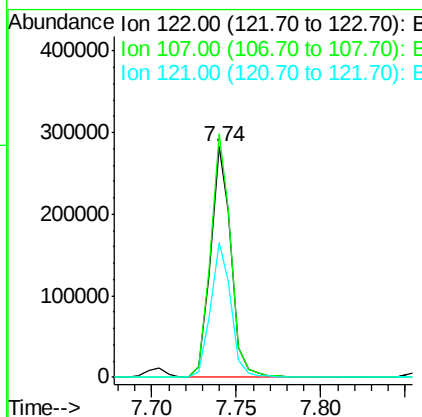
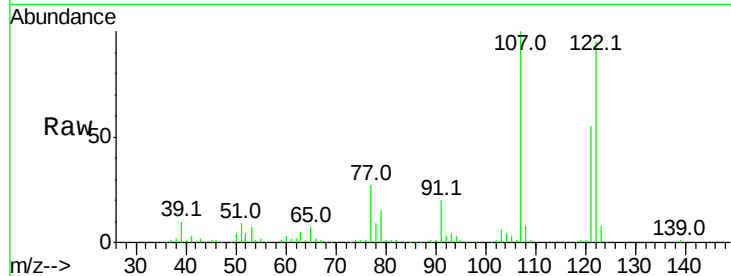
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	122	Resp:	239771
Ion Ratio	Lower	Upper	
122	100		
107	105.6	91.2	136.8
121	58.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.099 ng

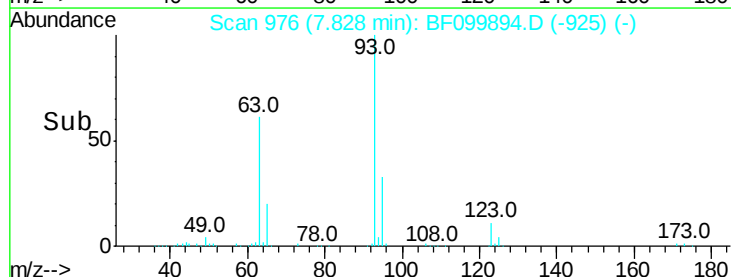
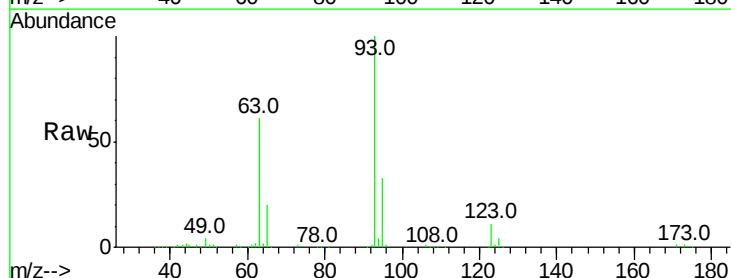
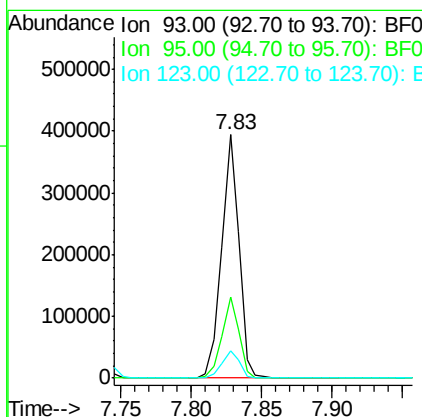
RT: 7.83 min Scan# 976

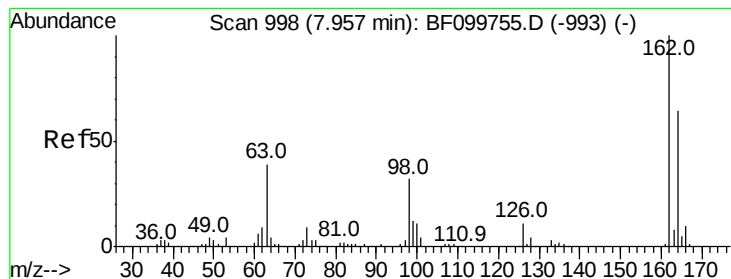
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	93	Resp:	336794
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.287 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

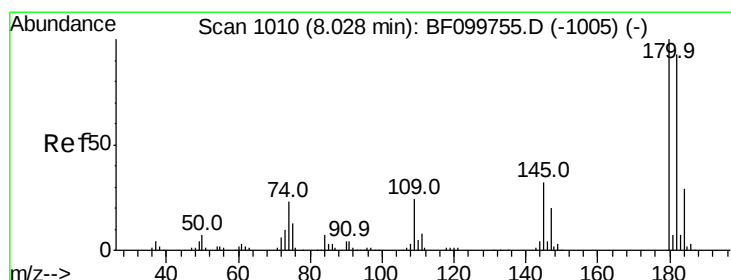
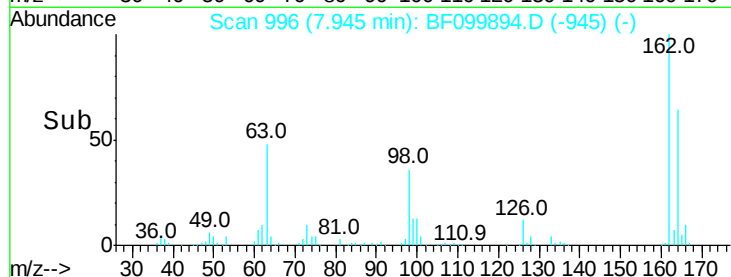
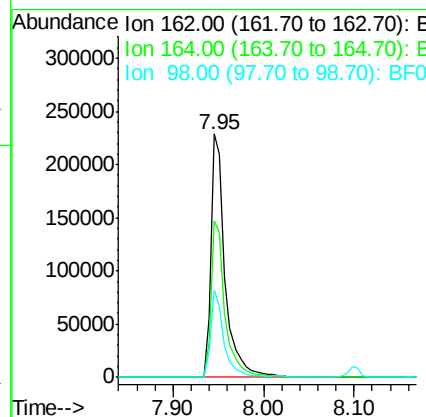
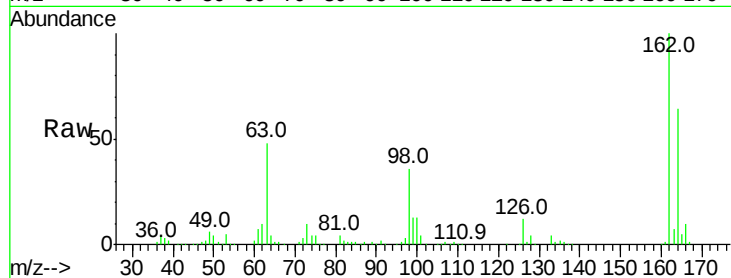
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	162	Resp:	253185
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.7	82.7
98	35.7	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.659 ng

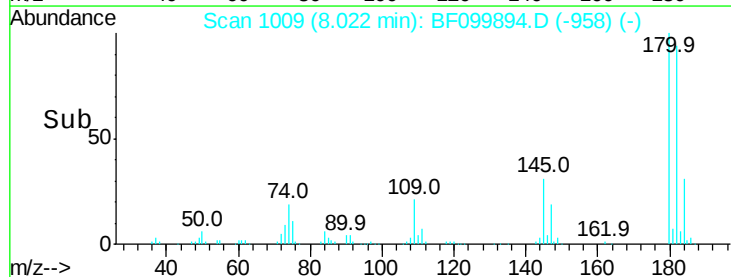
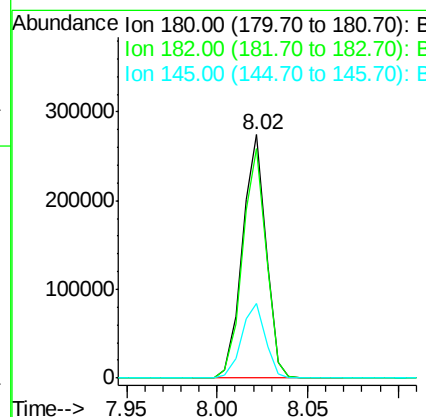
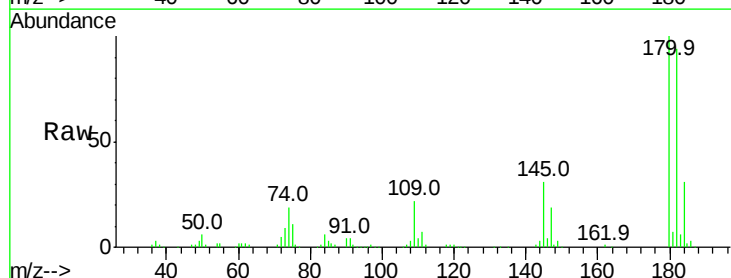
RT: 8.02 min Scan# 1009

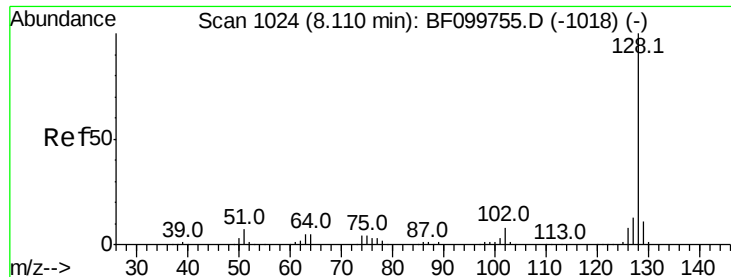
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	180	Resp:	247312
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	30.8	26.5	39.7





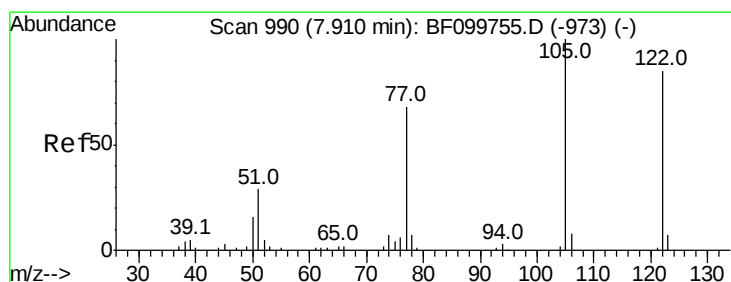
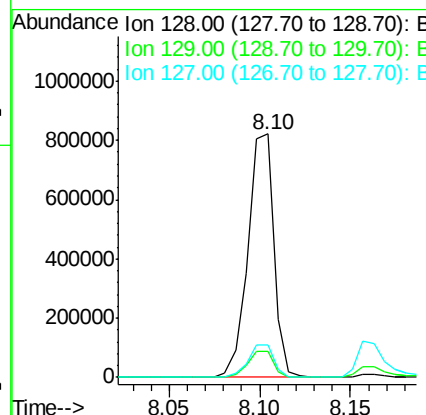
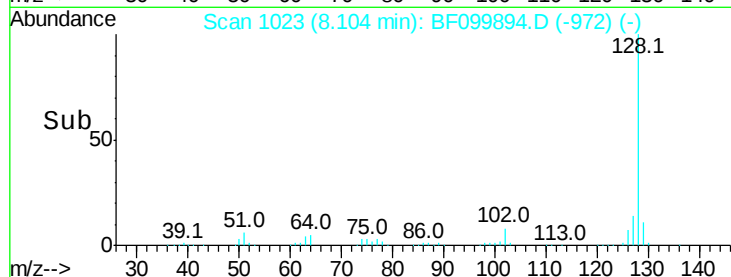
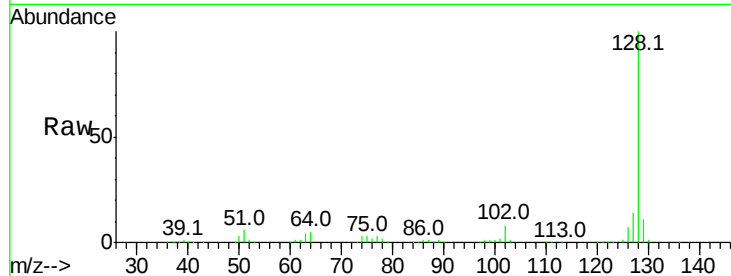
#31
Naphthalene
Concen: 38.599 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.5	10.9	16.3

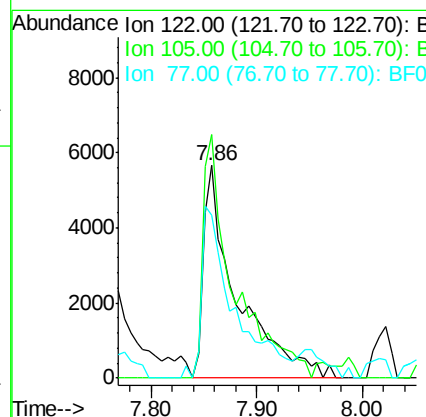
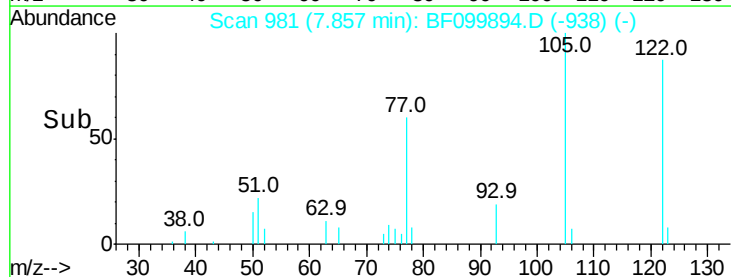
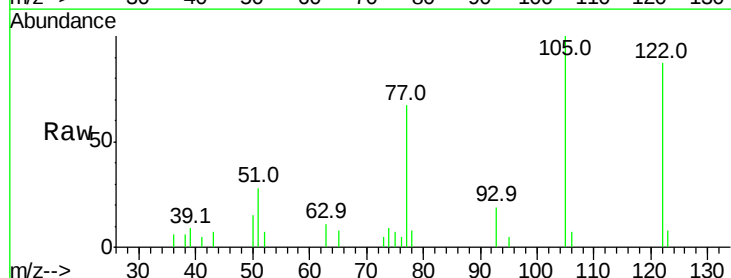
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#32
Benzoic acid
Concen: 2.422 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.05 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.6	101.1	141.1
77	76.9	70.7	110.7





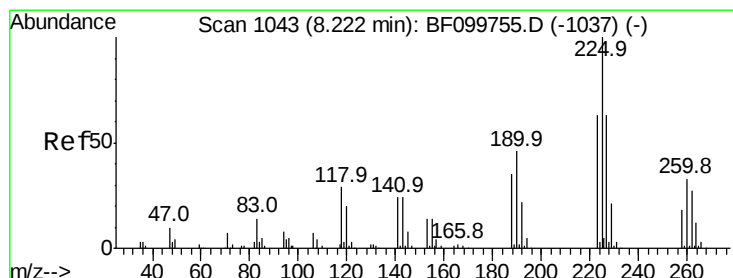
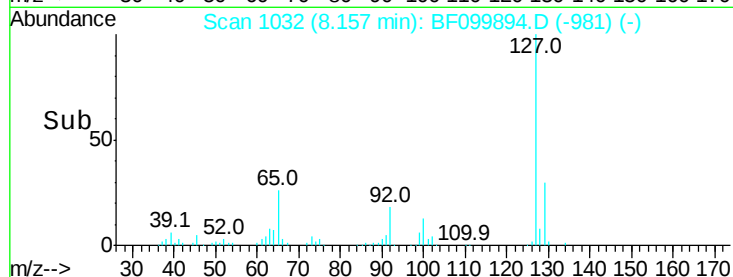
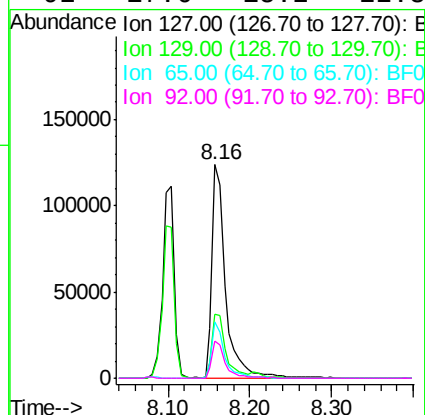
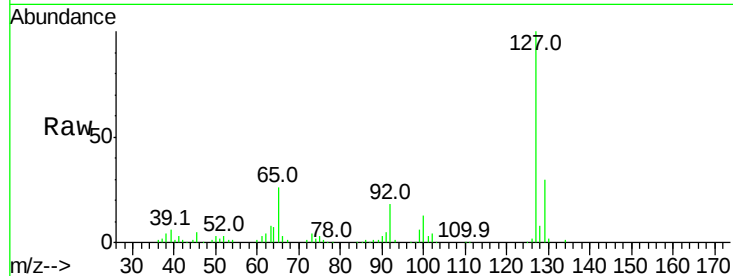
#33
4-Chloroaniline
Concen: 16.562 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3	25.9	38.9		
65	26.3	25.0	37.4		
92	17.6	15.2	22.8		

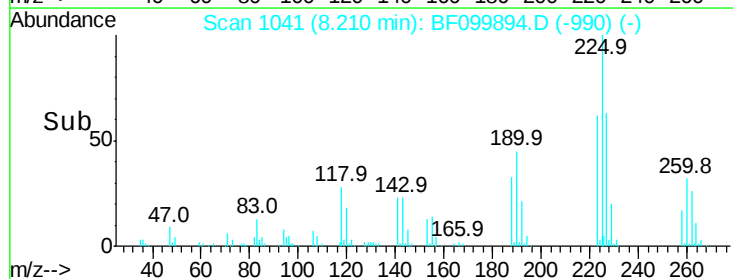
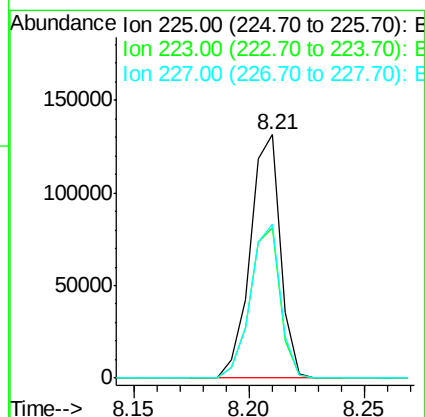
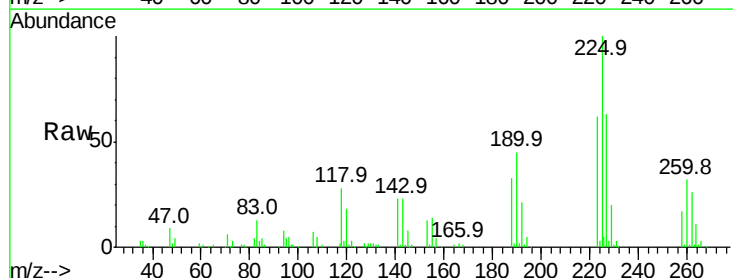
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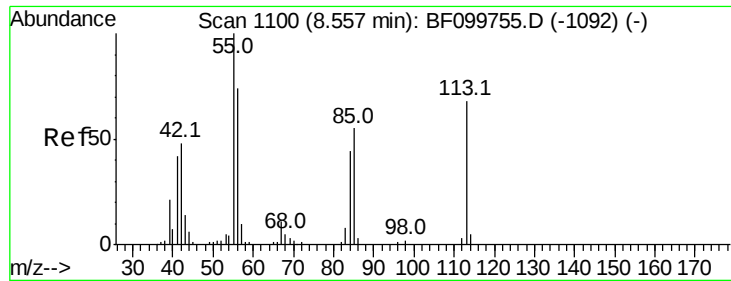
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#34
Hexachlorobutadiene
Concen: 36.506 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.6	76.0		
227	63.2	51.9	77.9		





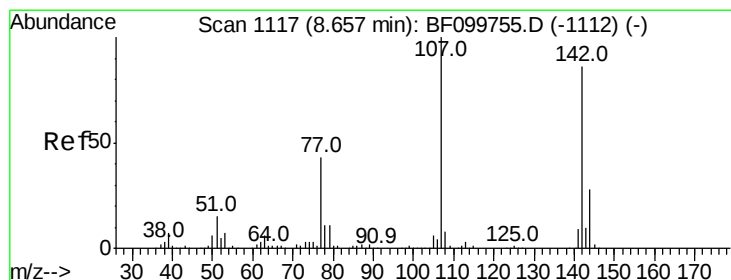
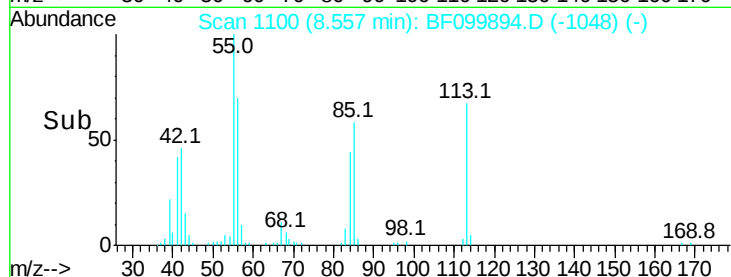
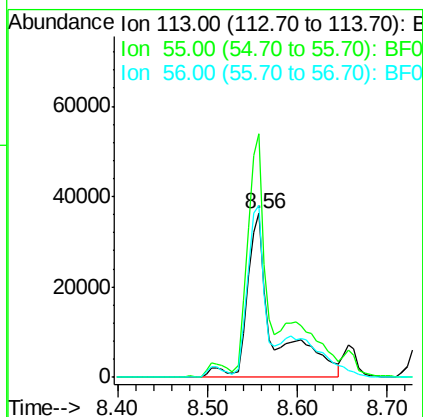
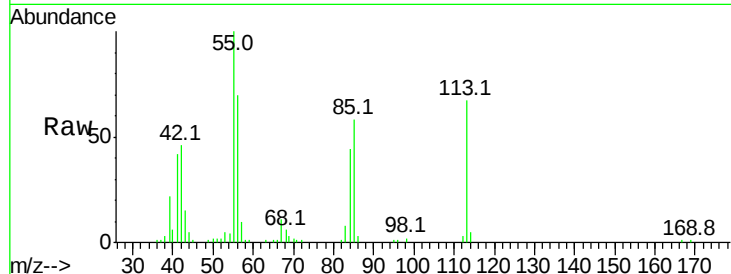
#35
Caprolactam
Concen: 40.513 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion:113 Resp: 76280
Ion Ratio Lower Upper
113 100
55 148.7 163.3 203.3#
56 104.6 115.7 155.7#

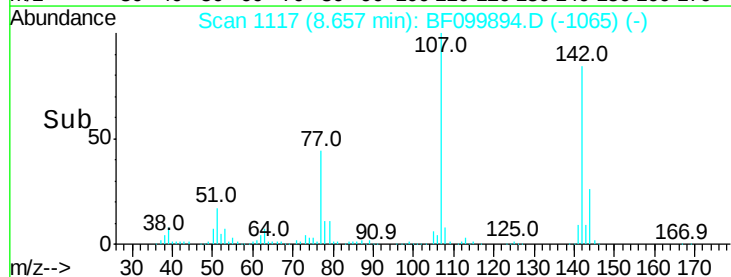
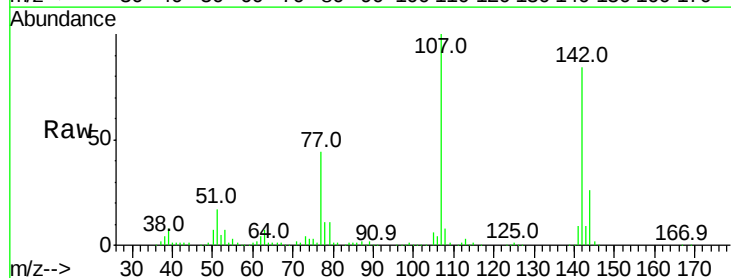
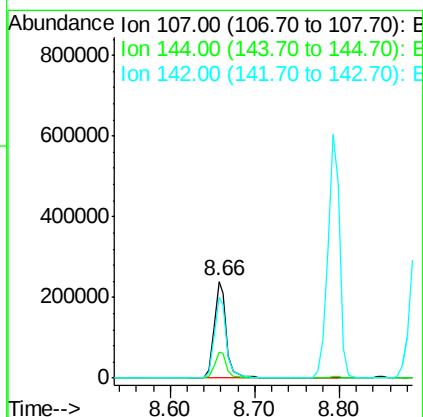
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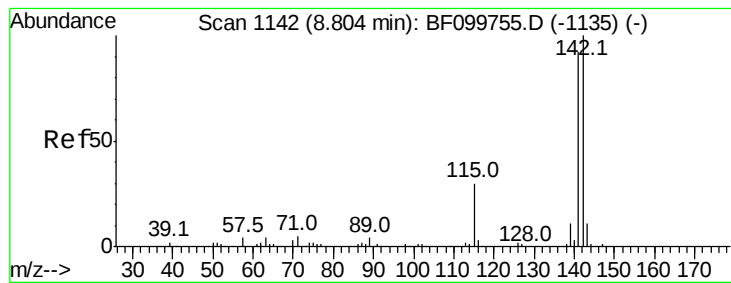
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#36
4-Chloro-3-methylphenol
Concen: 40.376 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:107 Resp: 246742
Ion Ratio Lower Upper
107 100
144 26.5 20.5 30.7
142 83.6 62.0 93.0





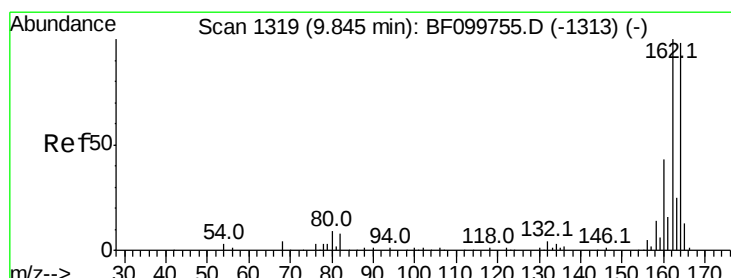
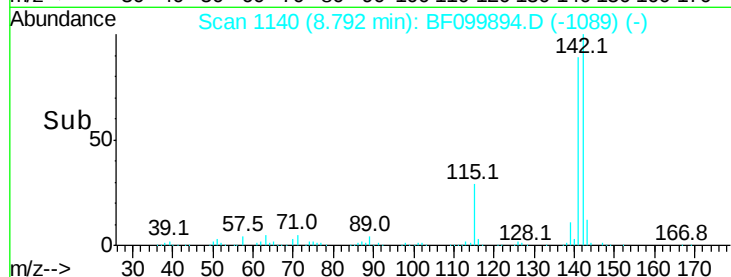
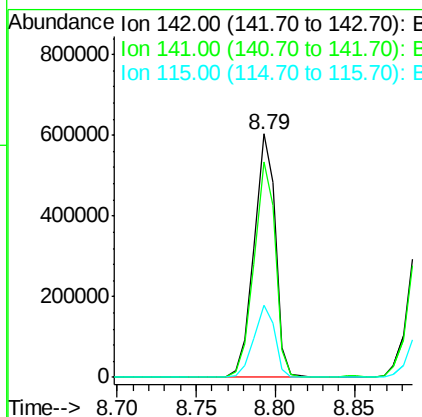
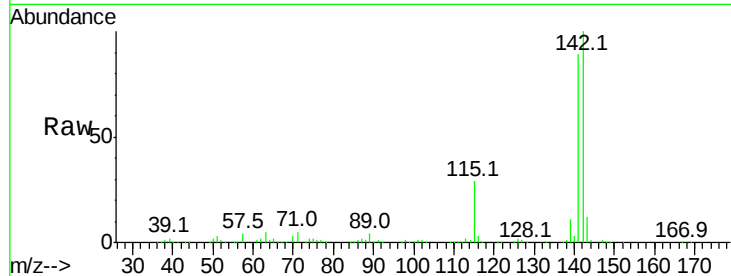
#37
2-Methylnaphthalene
Concen: 40.042 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	29.5	26.1	39.1

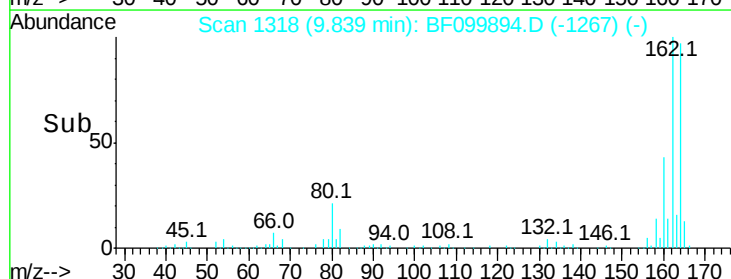
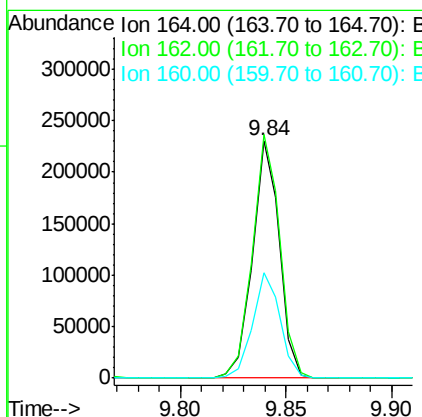
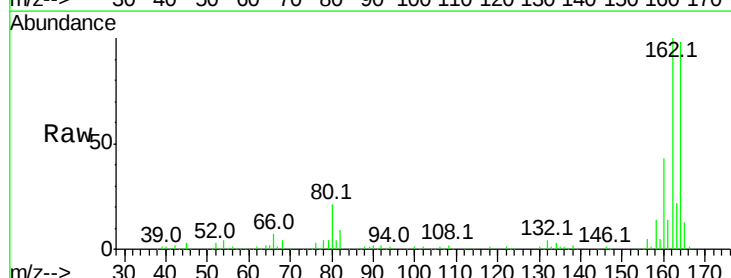
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	44.3	38.3	57.5





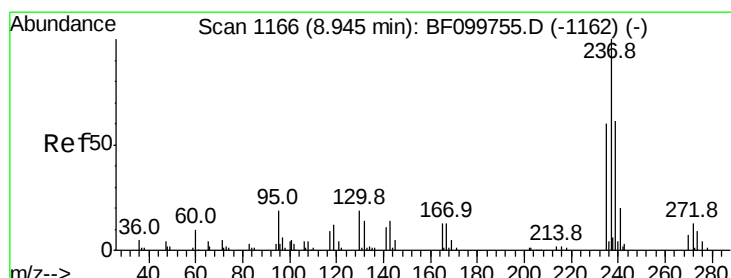
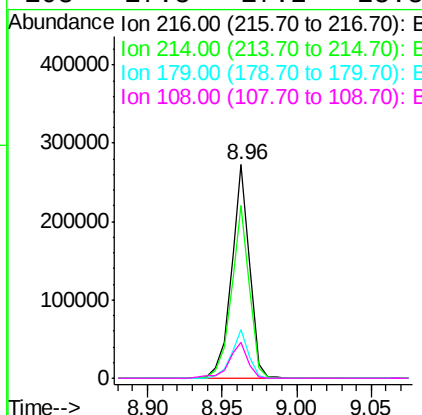
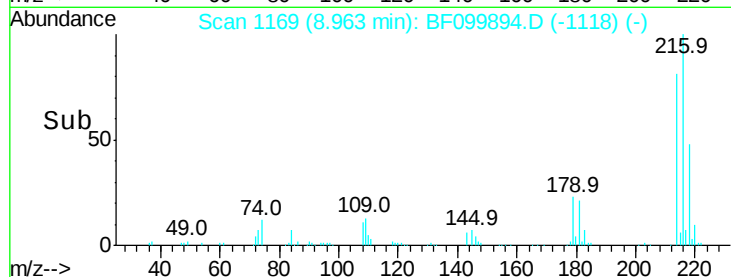
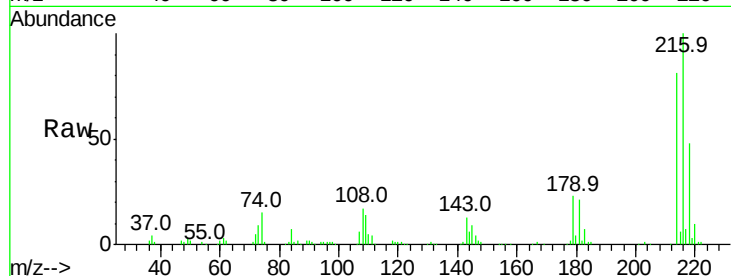
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.288 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	232399		
214	80.3	63.0	94.4	
179	21.6	18.1	27.1	
108	17.8	17.2	25.8	

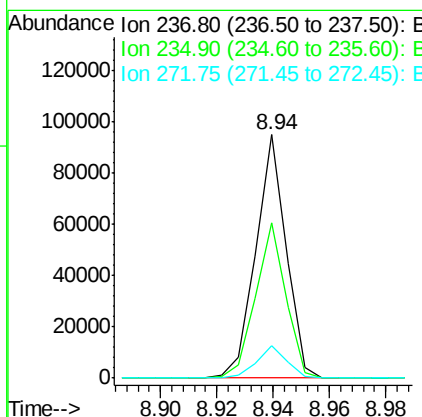
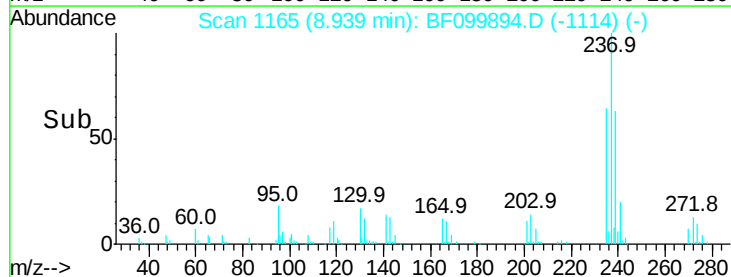
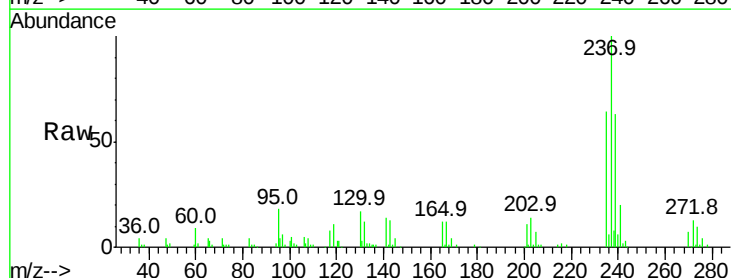
Manual Integrations
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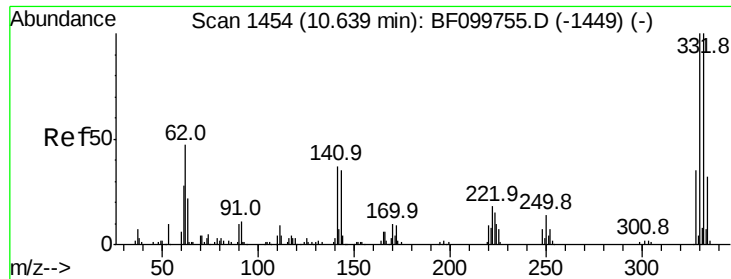
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#40
 Hexachlorocyclopentadiene
 Concen: 57.563 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	71080		
235	63.6	44.8	84.8	
272	13.3	0.0	33.3	





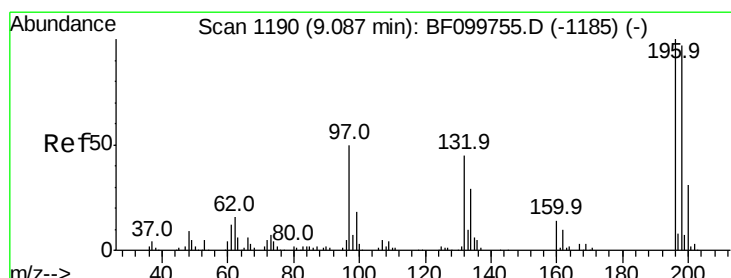
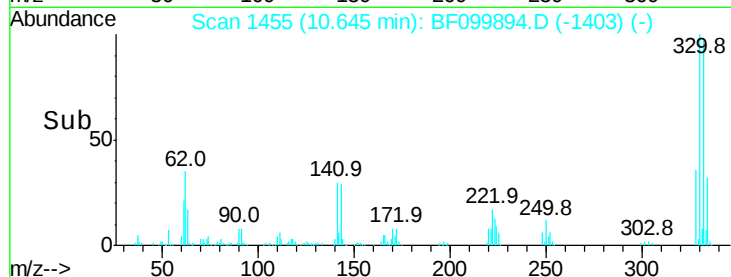
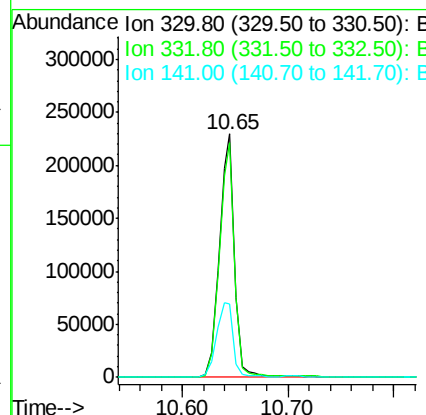
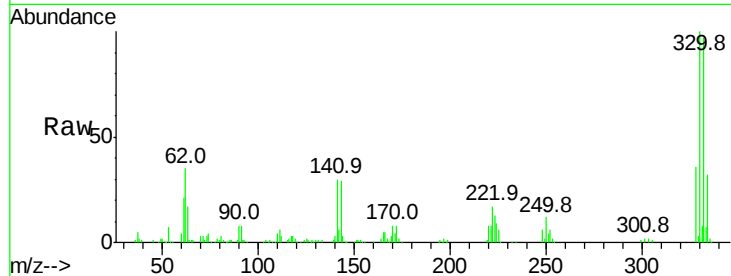
#41
 2,4,6-Tribromophenol
 Concen: 126.440 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	33.9	29.9	44.9	

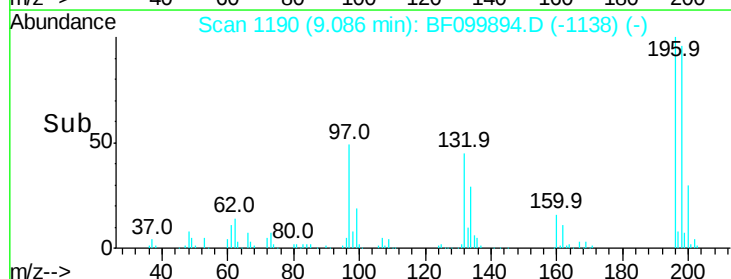
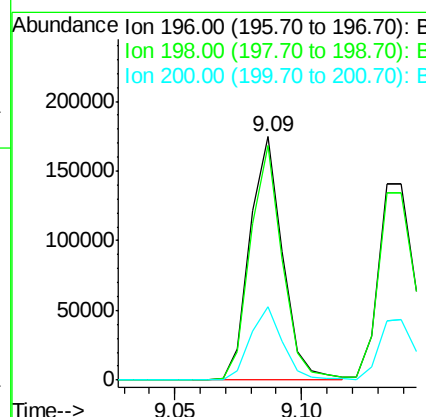
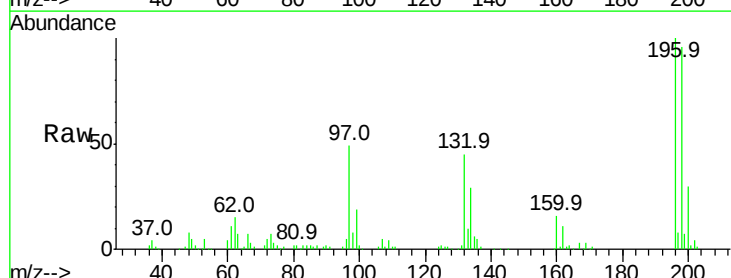
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 39.567 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.4	75.7	113.5	
200	30.3	24.5	36.7	





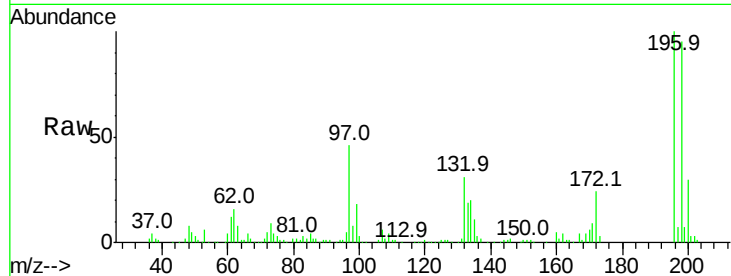
#43
2,4,5-Trichlorophenol
Concen: 37.463 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158371		
198	95.3	74.6	112.0	
97	45.9	42.9	64.3	
132	31.3	26.3	39.5	

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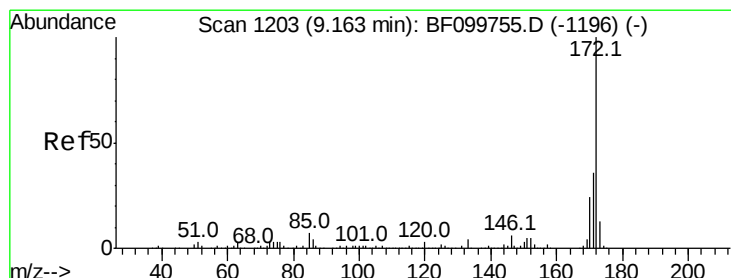
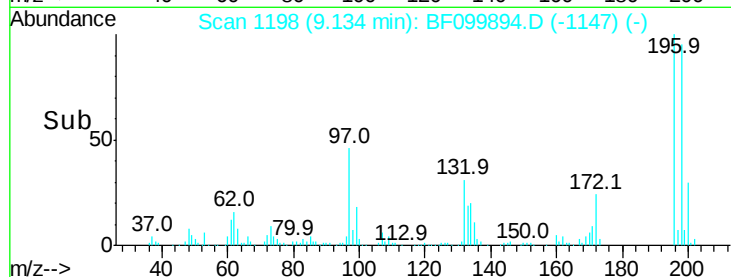
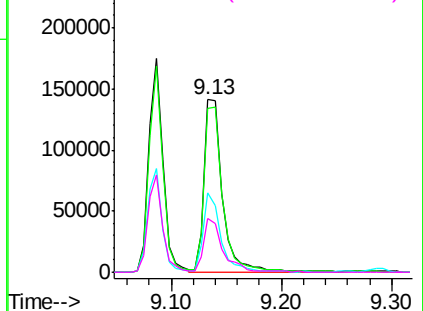
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 90.012 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

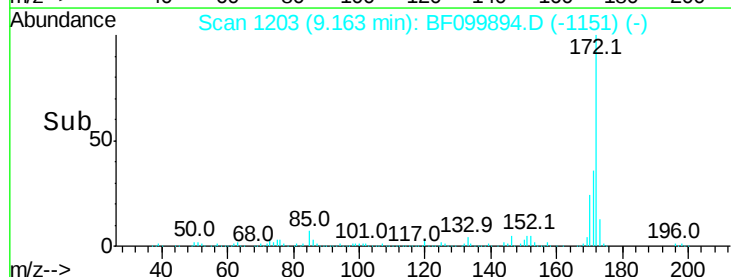
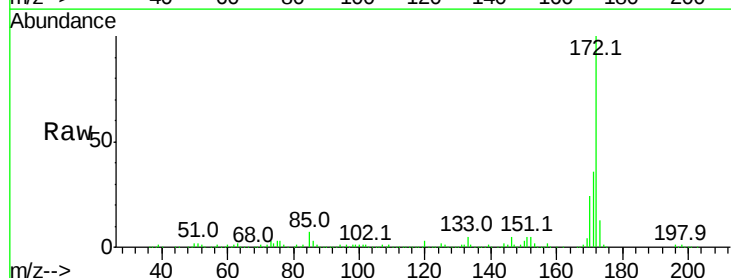
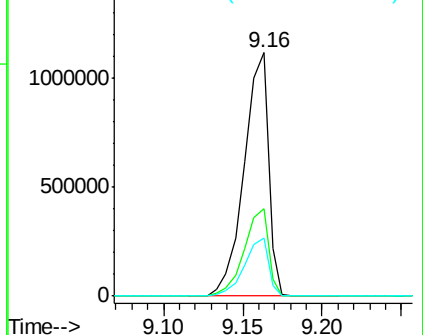
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1189657		
171	35.7	29.7	44.5	
170	23.6	19.6	29.4	

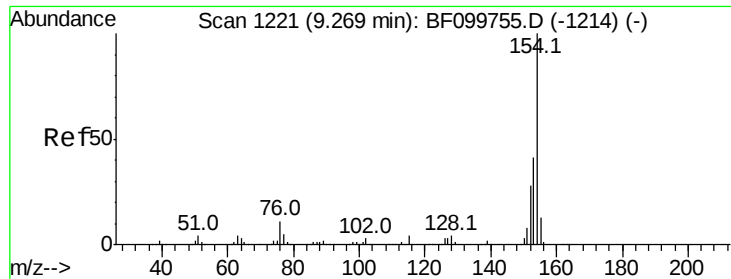
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





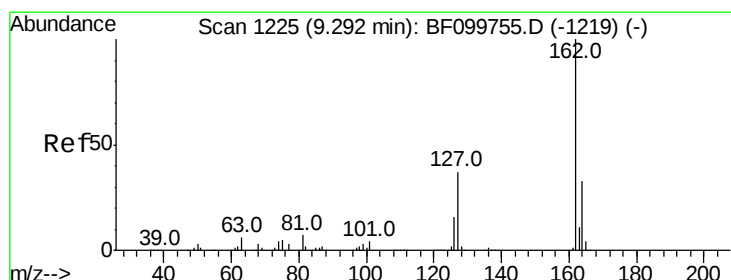
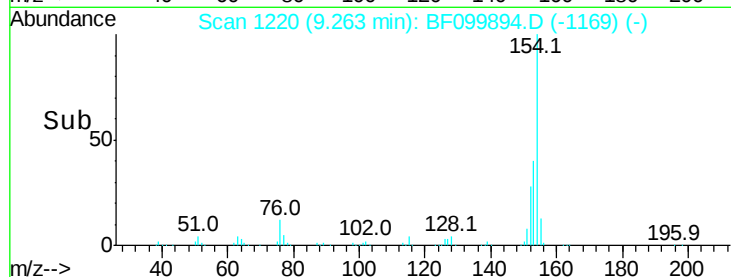
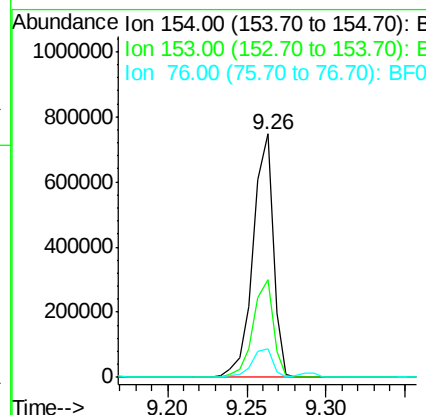
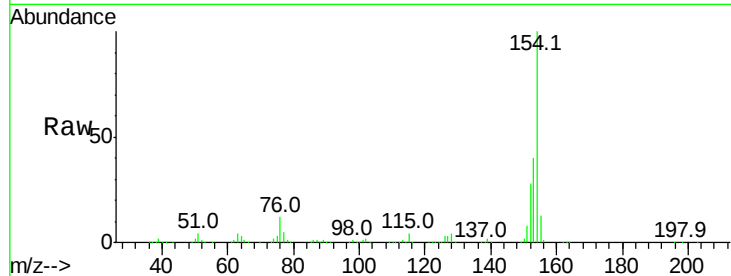
#45
 1,1'-Biphenyl
 Concen: 35.775 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.1	21.3	61.3	
76	11.5	0.0	34.0	

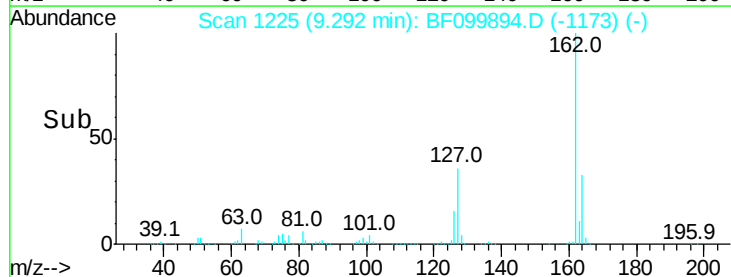
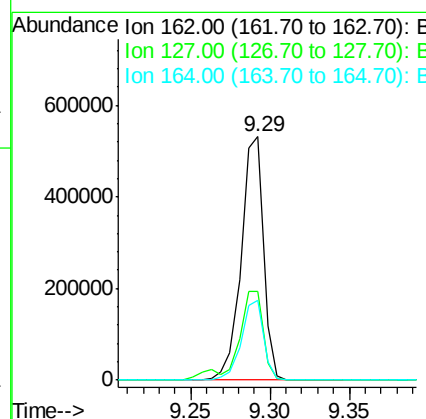
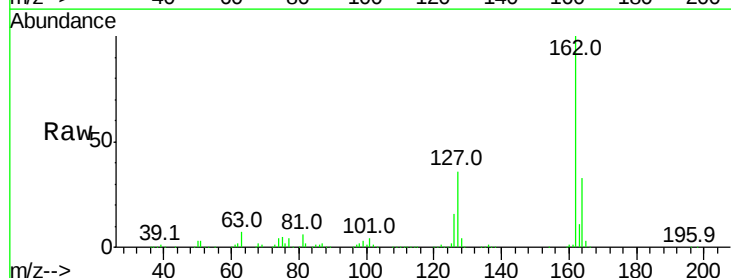
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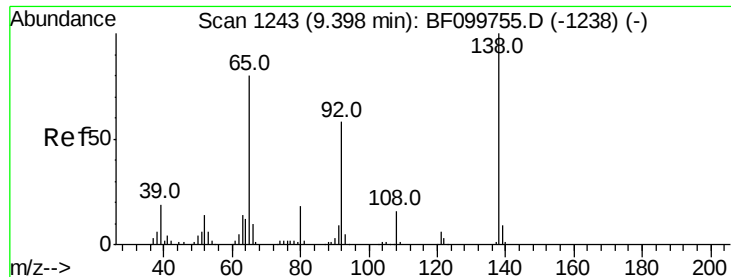
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#46
 2-Chloronaphthalene
 Concen: 38.768 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.4	33.9	50.9	
164	32.7	26.5	39.7	





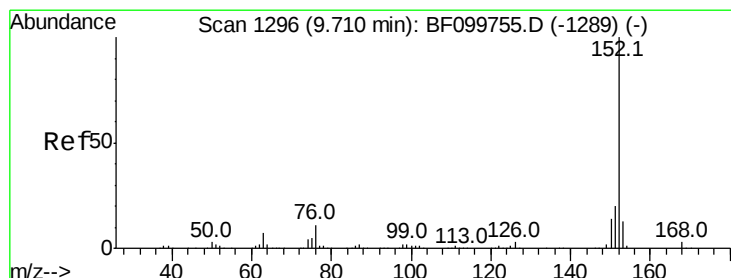
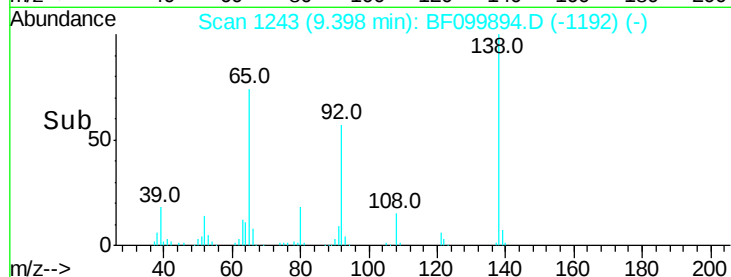
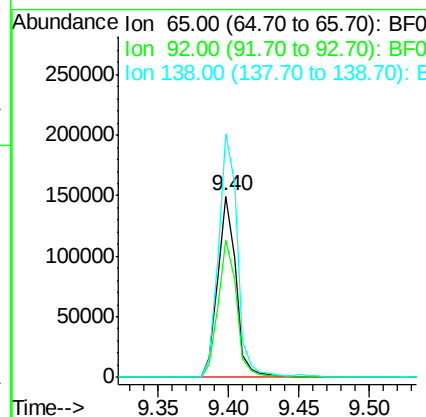
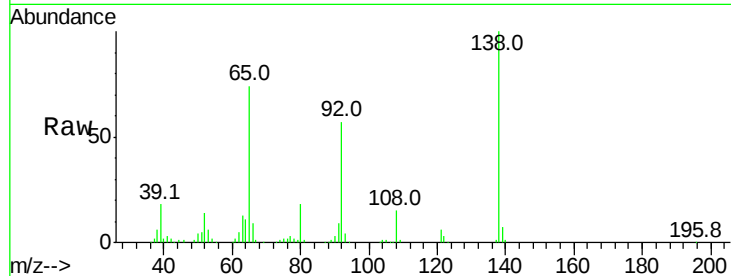
#47
2-Nitroaniline
Concen: 38.398 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	55.8	83.6
138	134.4	91.2	136.8

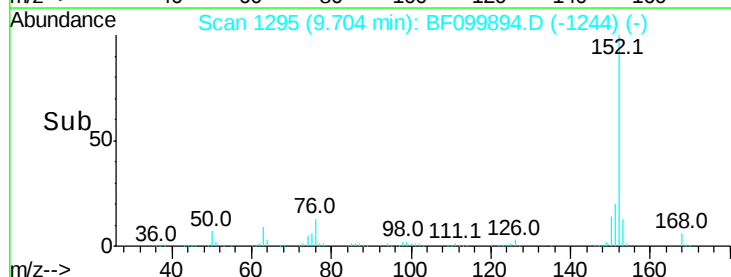
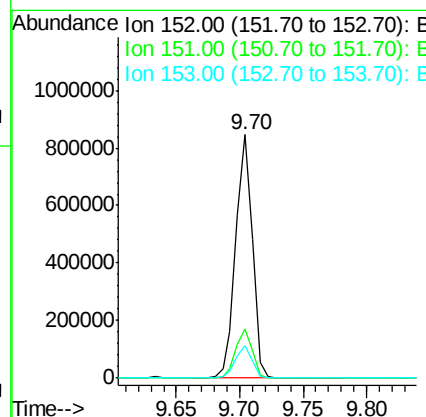
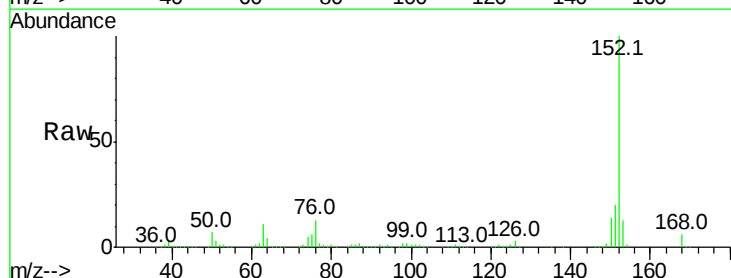
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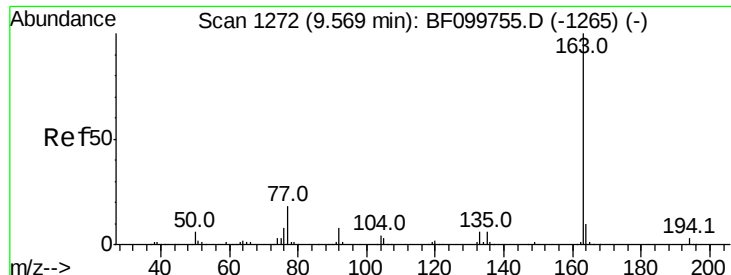
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#48
Acenaphthylene
Concen: 36.890 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.7	16.1





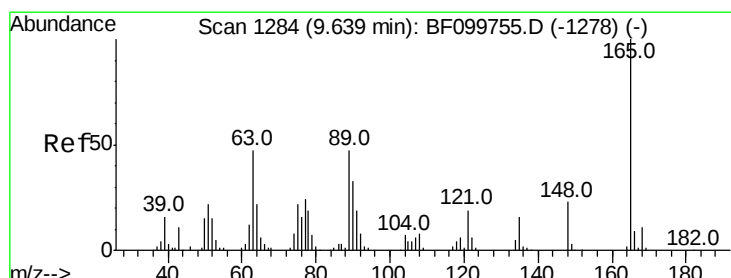
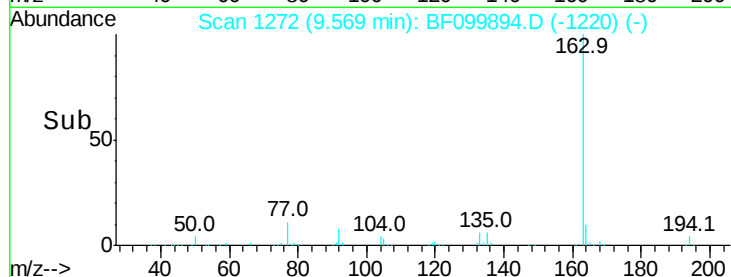
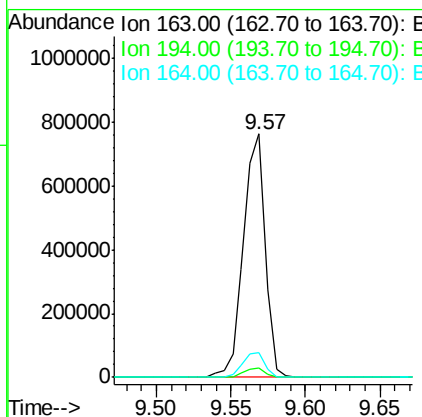
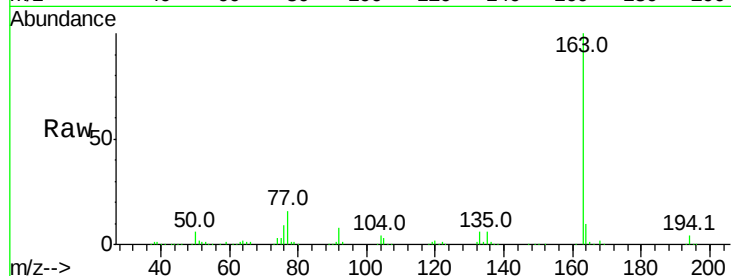
#49
Dimethylphthalate
Concen: 47.794 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	771792		
194	3.6		2.7	4.1
164	10.2		8.2	12.2

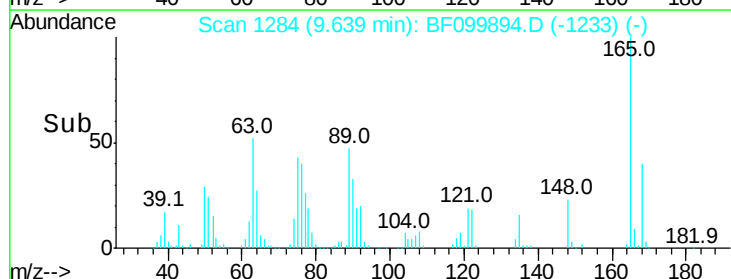
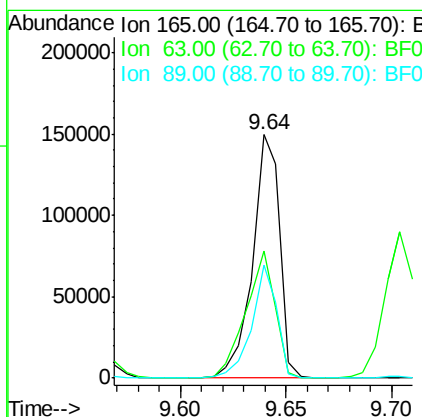
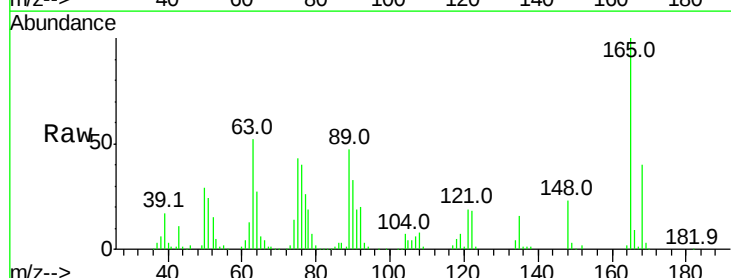
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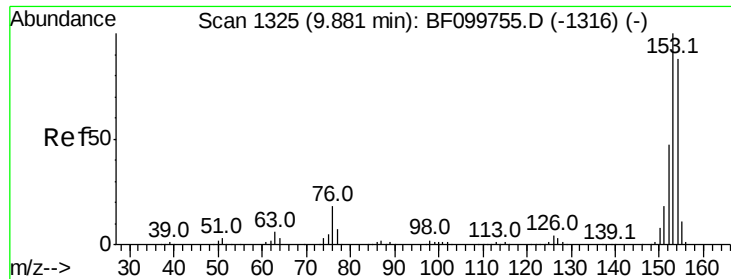
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#50
2,6-Dinitrotoluene
Concen: 39.419 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133818		
63	52.4		44.7	67.1
89	46.7		44.0	66.0





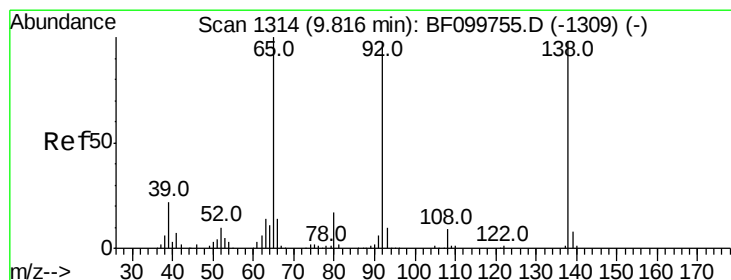
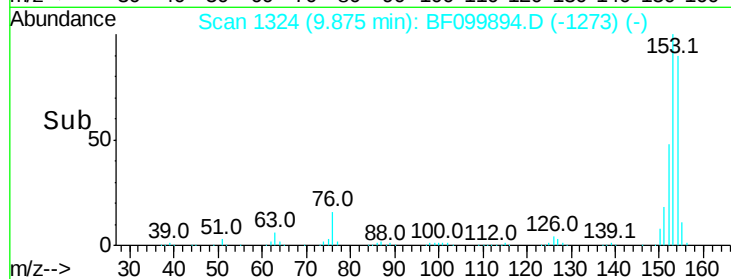
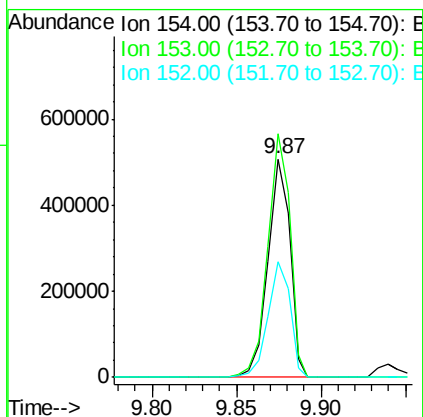
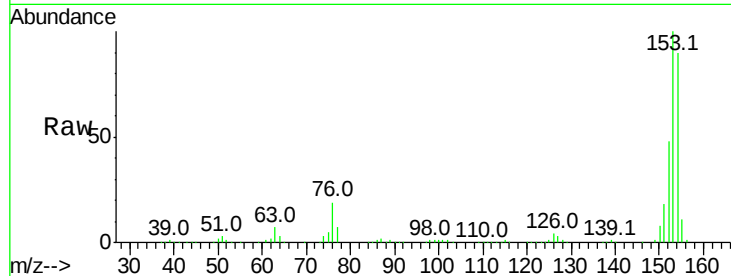
#51
Acenaphthene
Concen: 36.493 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.2	136.8
152	53.2	43.8	65.8

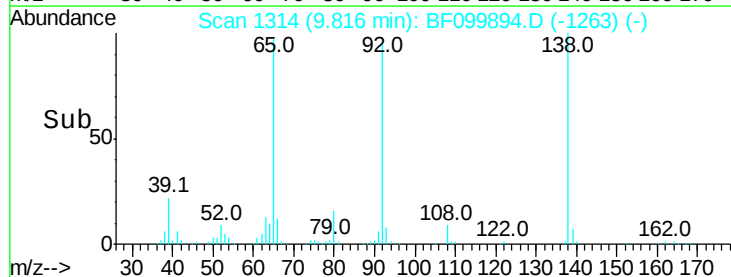
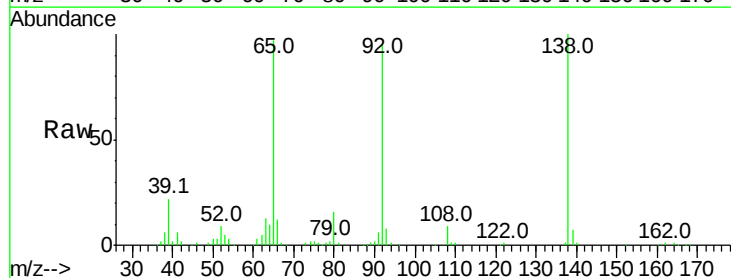
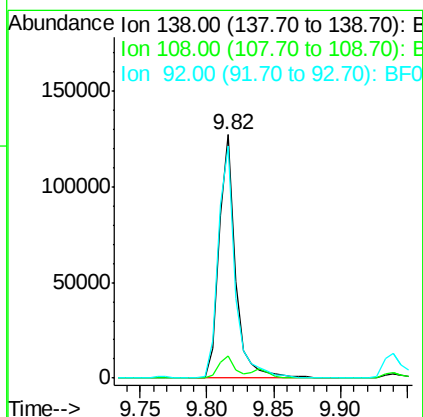
Manual Integrations
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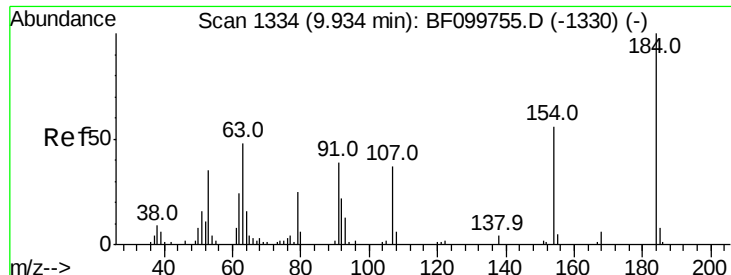
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#52
3-Nitroaniline
Concen: 27.804 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	9.4	14.0#
92	95.4	89.4	134.2





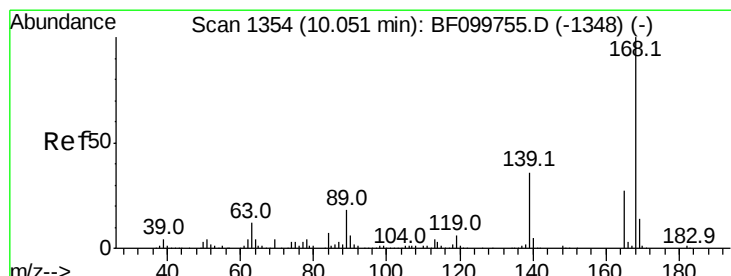
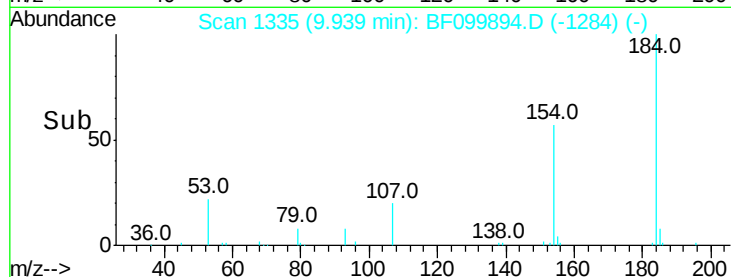
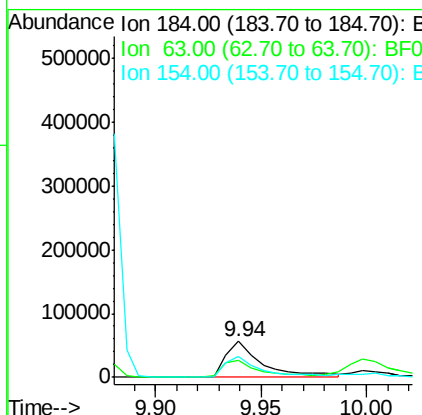
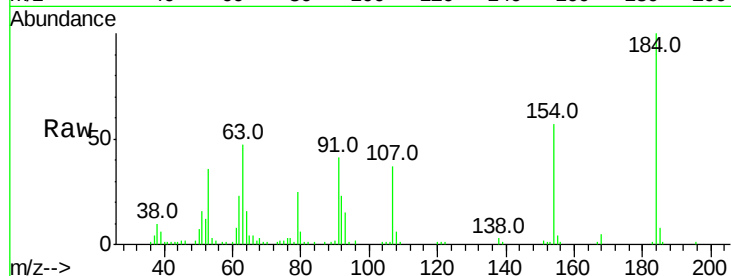
#53
2,4-Dinitrophenol
Concen: 53.025 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.3	54.2	81.2#	
154	57.0	53.5	80.3	

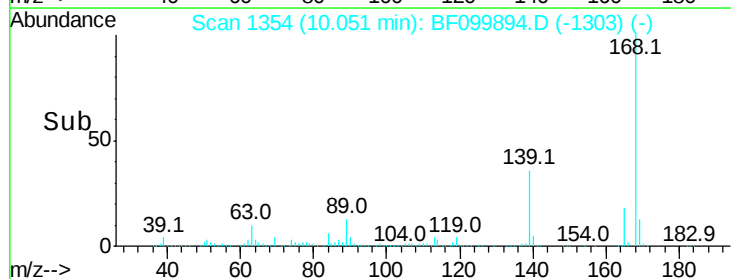
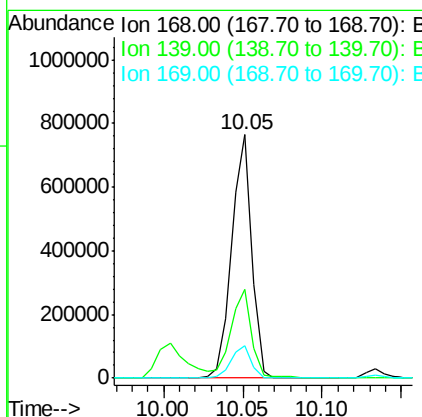
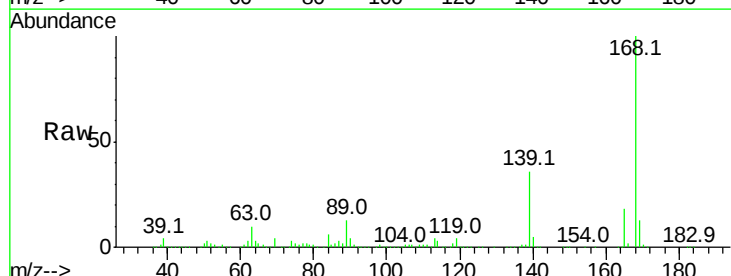
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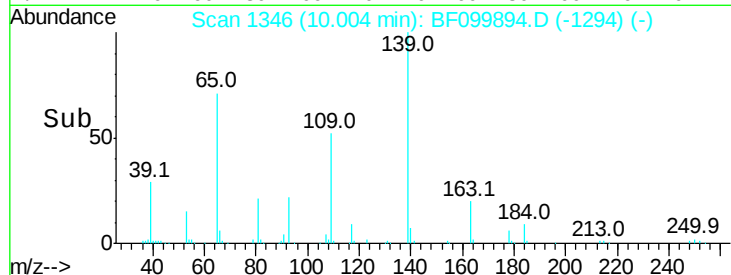
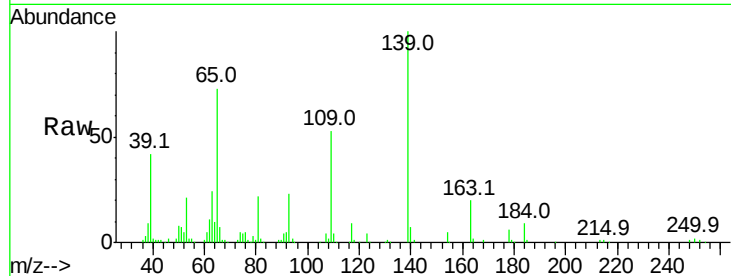
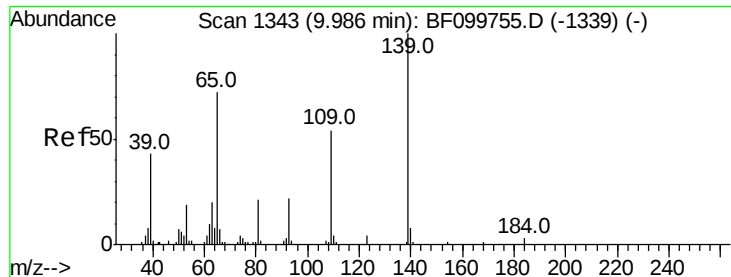
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#54
Dibenzofuran
Concen: 37.643 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.3	30.1	45.1	
169	13.3	10.9	16.3	





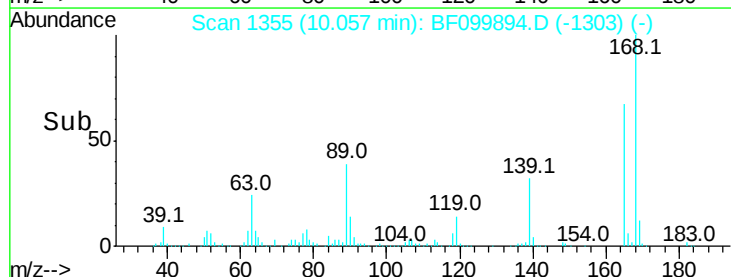
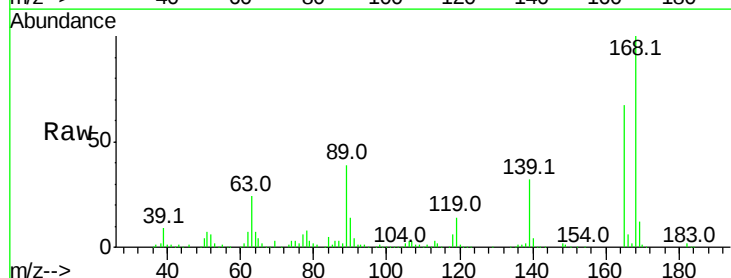
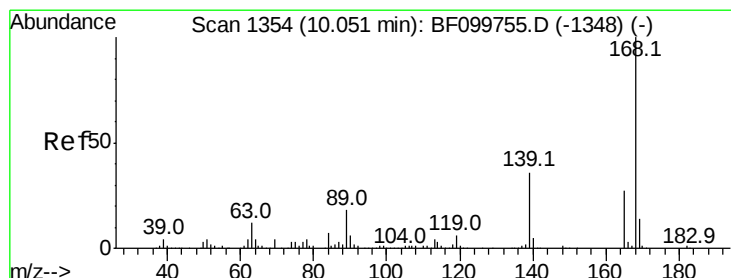
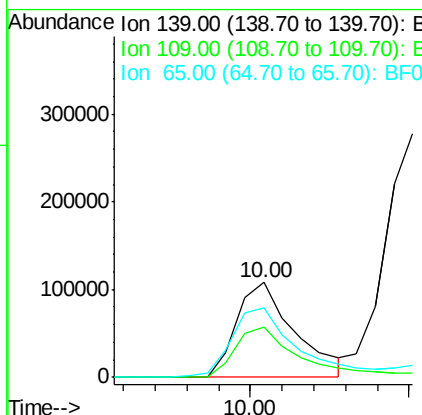
#55
4-Nitrophenol
Concen: 65.874 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.5	48.4	88.4
65	72.7	72.6	112.6

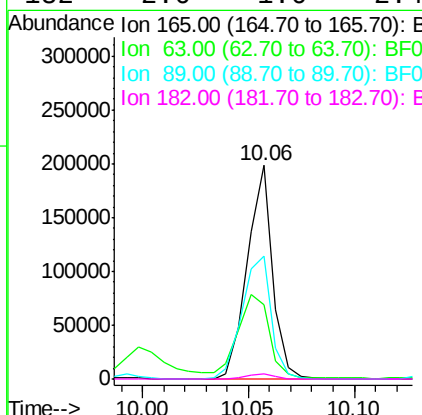
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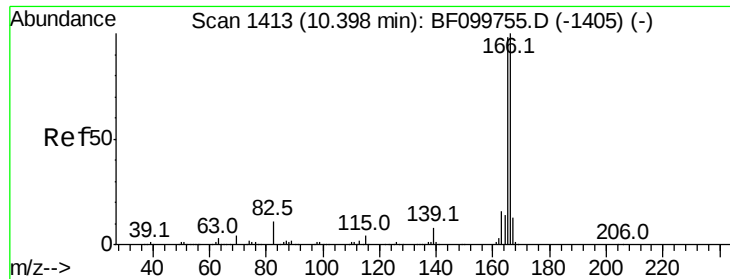
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#56
2,4-Dinitrotoluene
Concen: 40.367 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.9	36.4	54.6#
89	57.8	57.8	86.6
182	2.6	1.6	2.4#





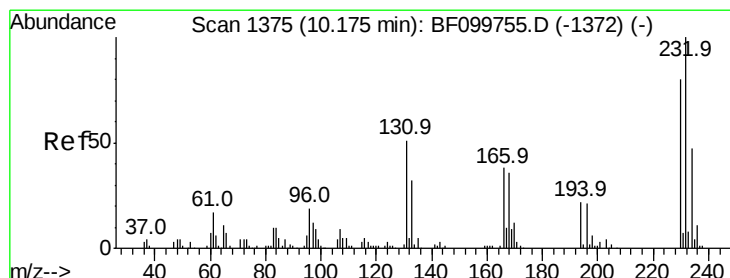
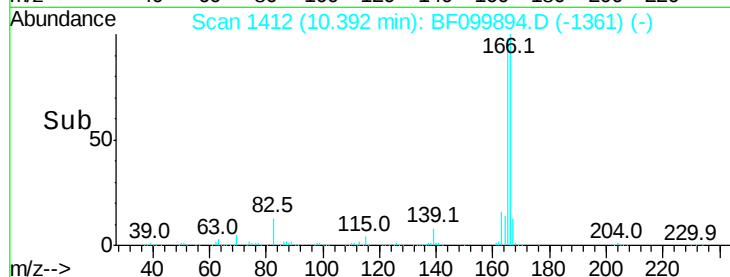
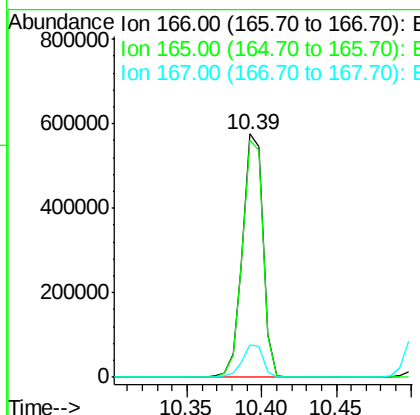
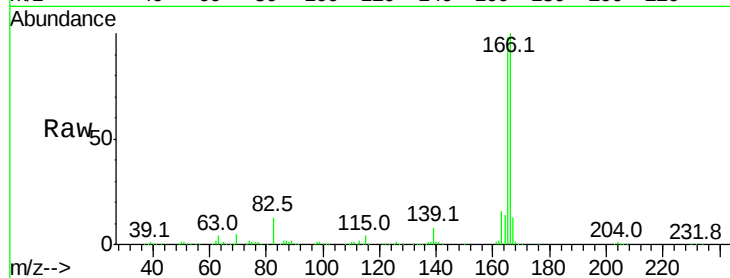
#57
Fluorene
 Concen: 37.314 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.2	10.6	16.0

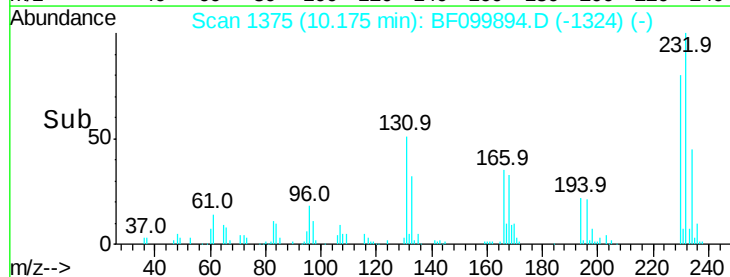
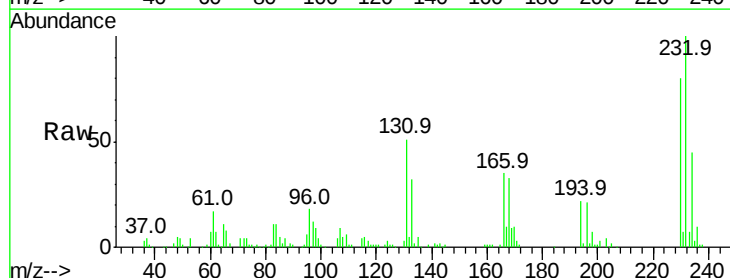
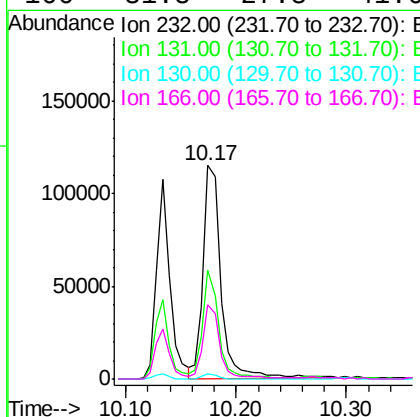
Manual Integrations
 APPROVED

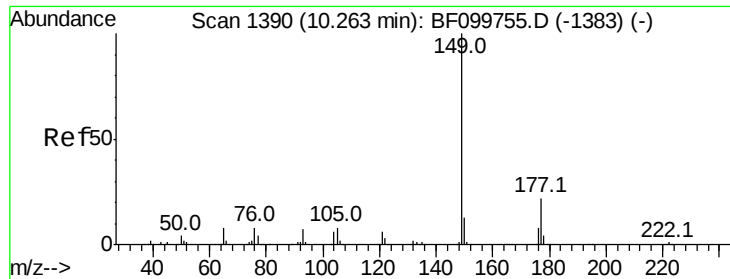
Sohil
 10/30/2017 6:16:48 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.132 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	43.8	65.8
130	2.2	2.1	3.1
166	31.8	27.8	41.6





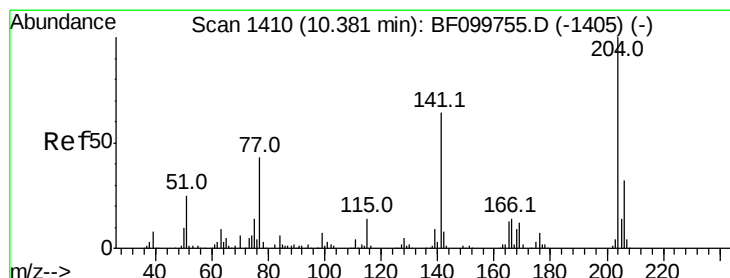
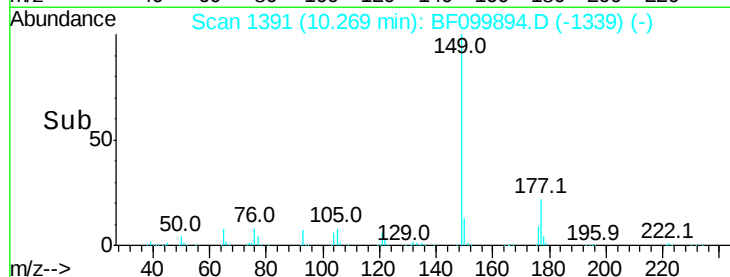
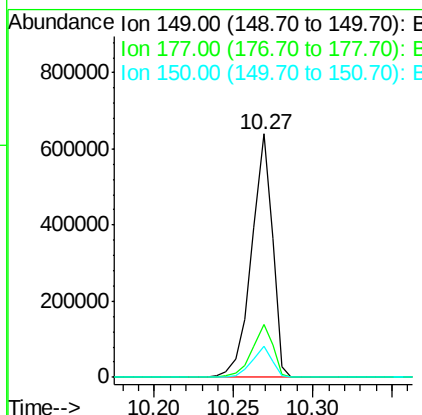
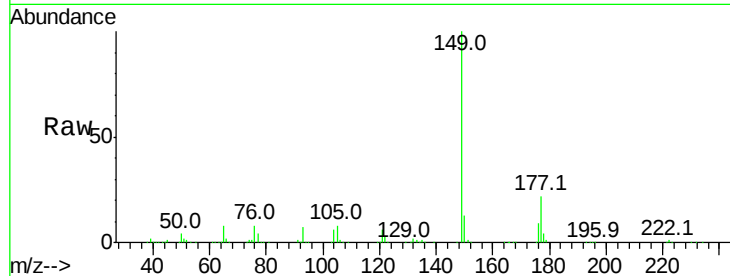
#59
Diethylphthalate
Concen: 36.869 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1

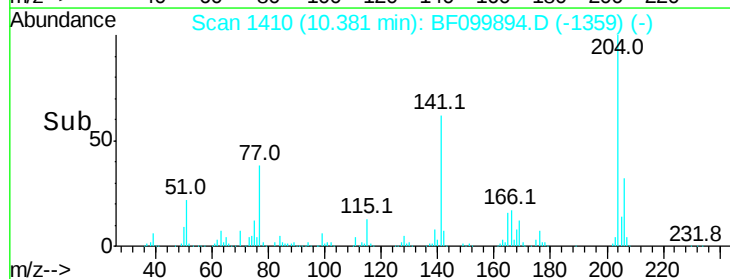
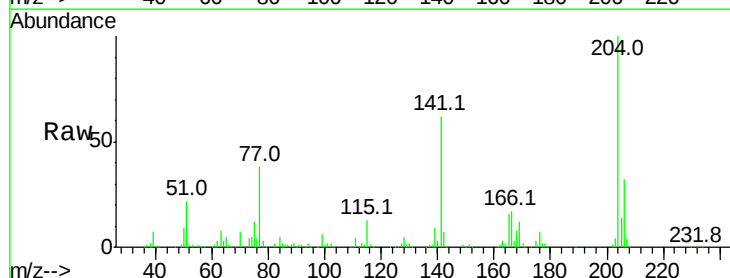
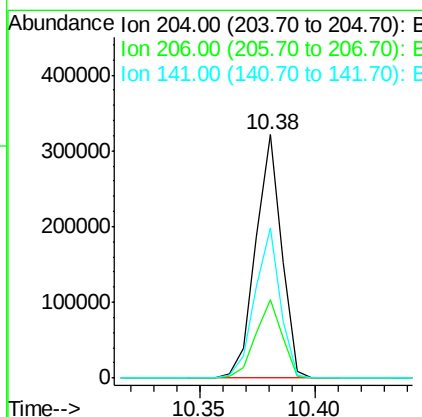
Manual Integrations
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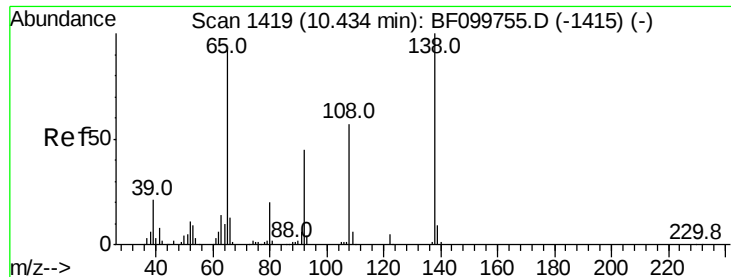
Sohil
10/30/2017 6:16:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.352 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	61.5	54.6	81.8





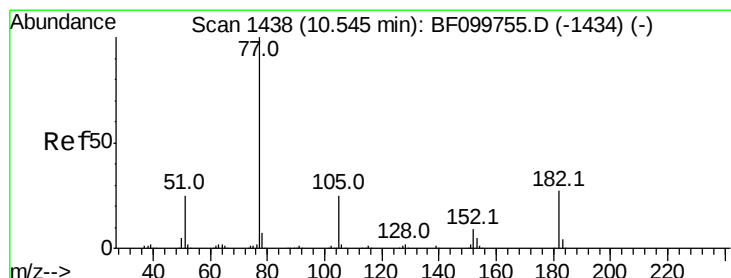
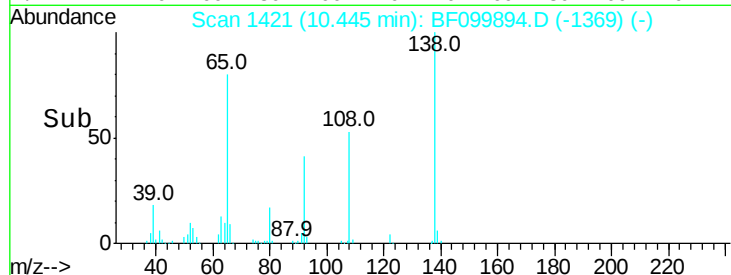
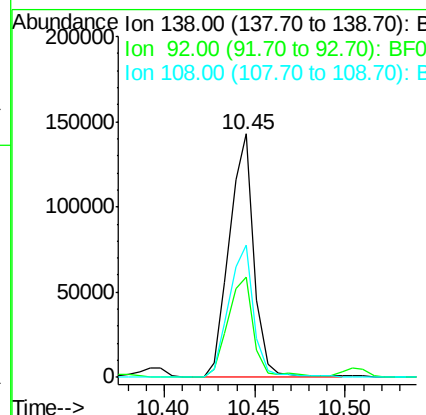
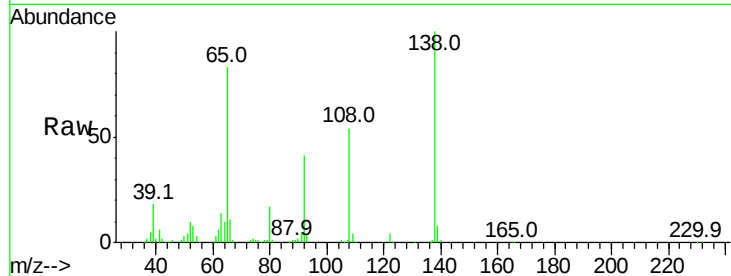
#61
4-Nitroaniline
Concen: 35.736 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.1	30.2	70.2
108	54.1	52.5	92.5

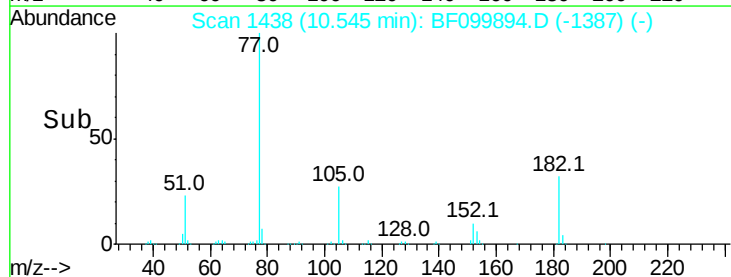
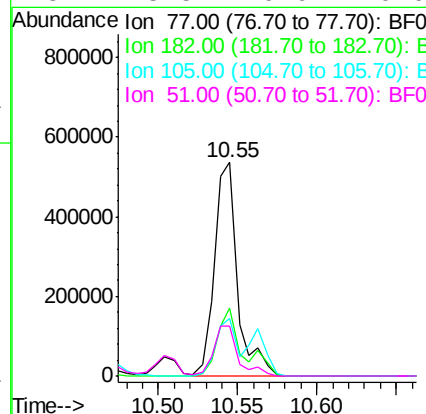
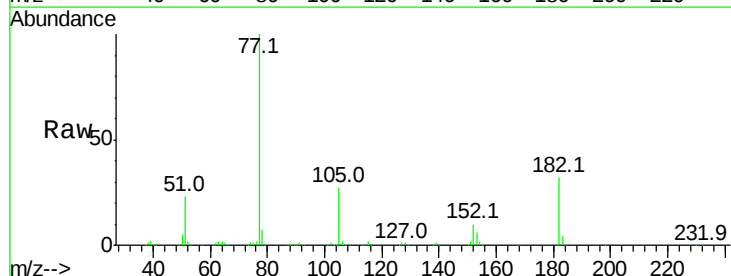
Manual Integrations
APPROVED

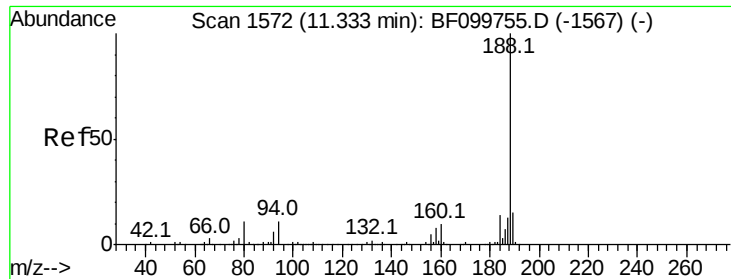
Sohil
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#62
Azobenzene
Concen: 41.055 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.7	1.7	41.7
105	27.1	3.0	43.0
51	23.5	9.9	49.9





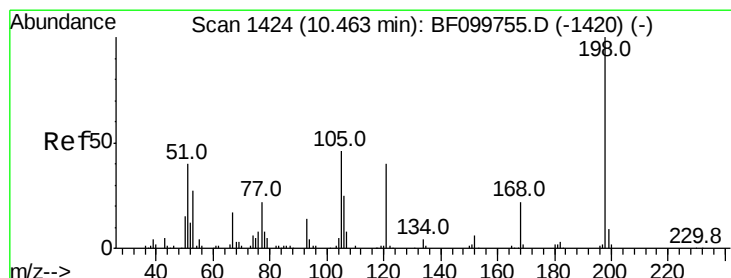
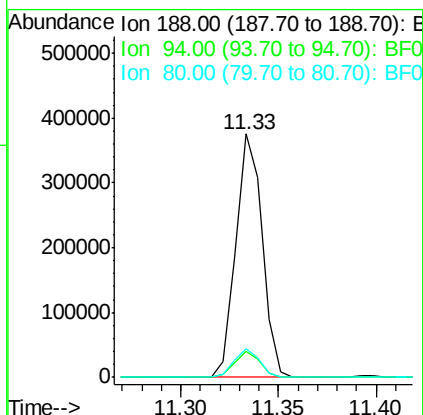
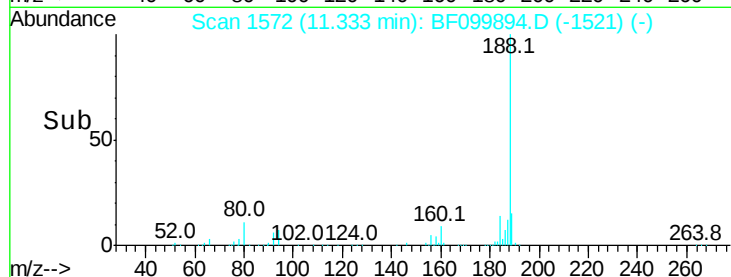
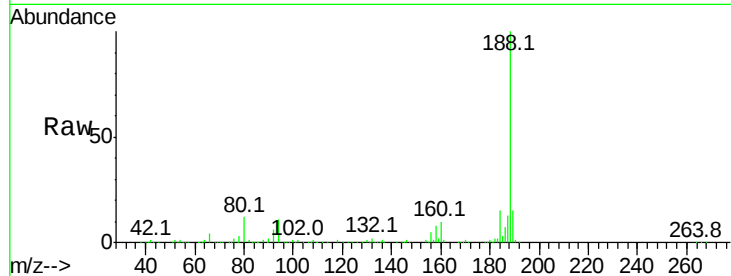
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	351945		
94	10.8		8.5	12.7
80	11.9		9.2	13.8

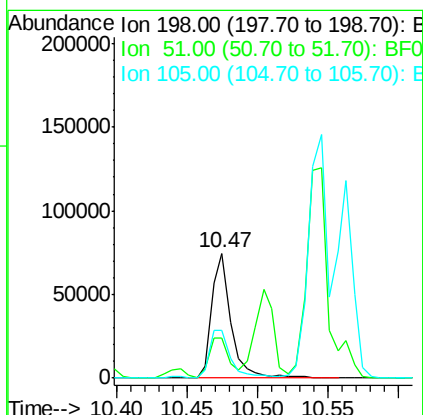
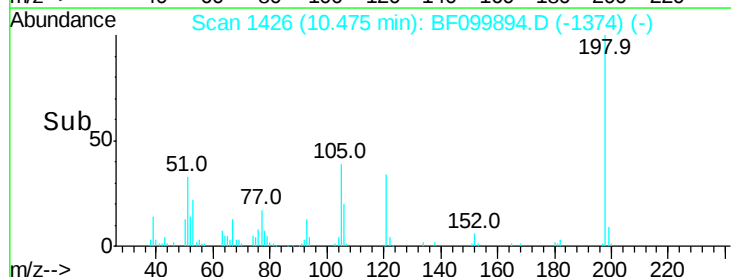
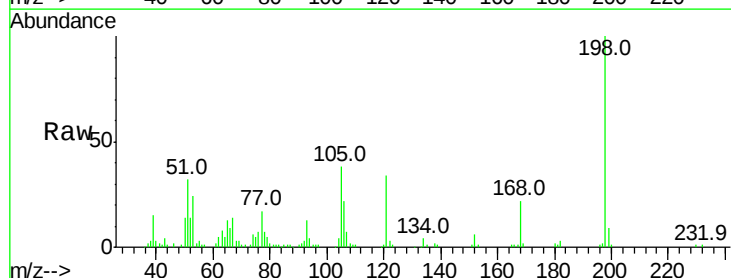
Manual Integrations
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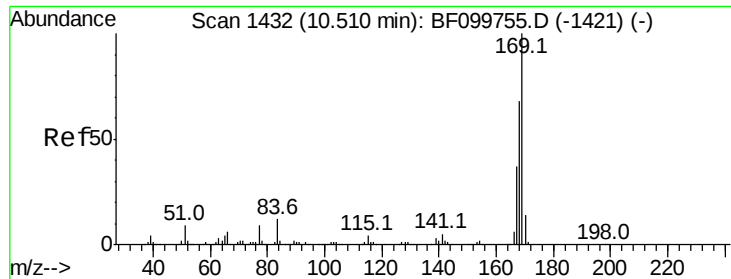
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.191 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	71217		
51	32.0		37.7	77.7#
105	38.0		36.3	76.3





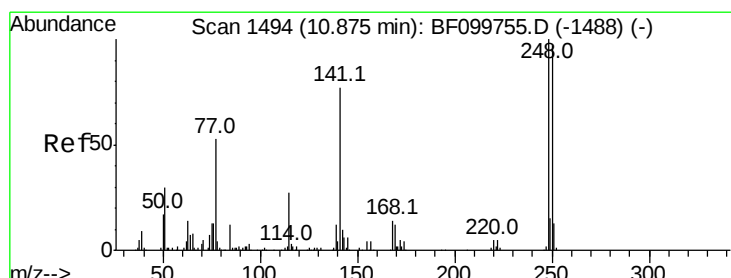
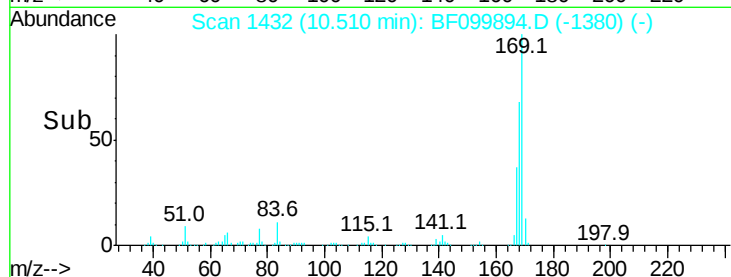
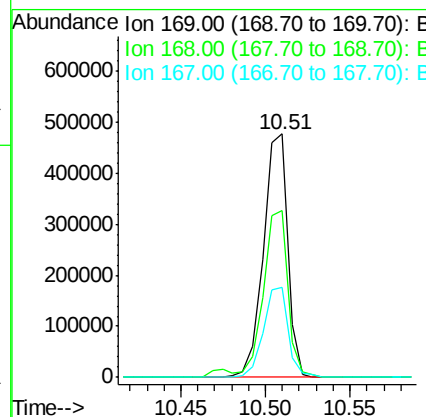
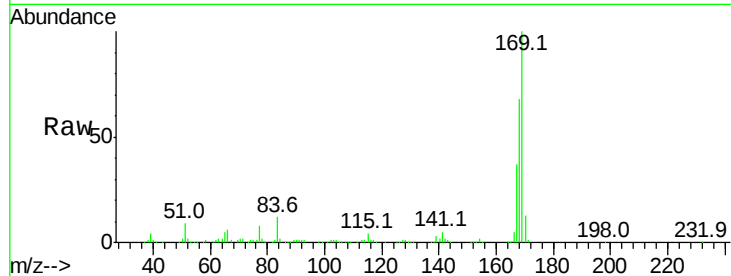
#65
n-Nitrosodiphenylamine
Concen: 36.933 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	36.8	29.8	44.6

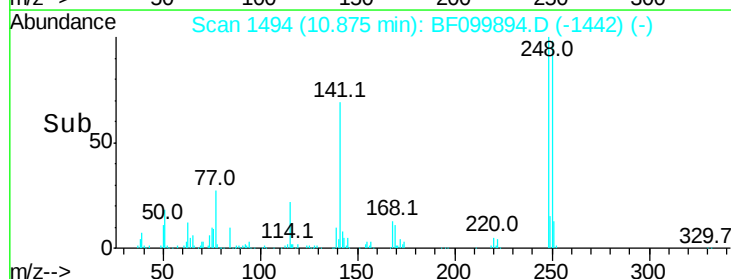
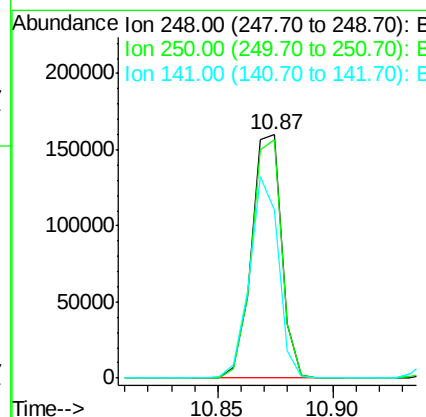
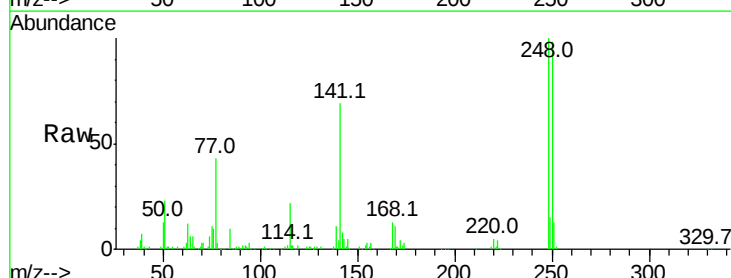
Manual Integrations
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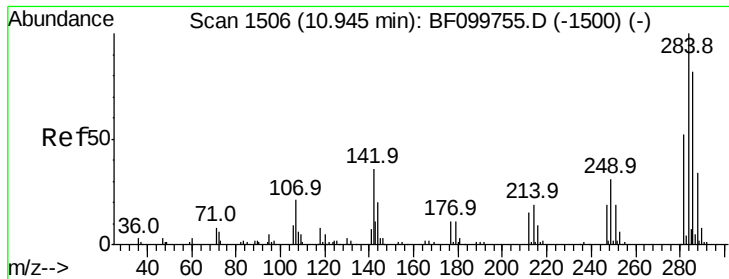
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 39.597 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	68.9	74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.170 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

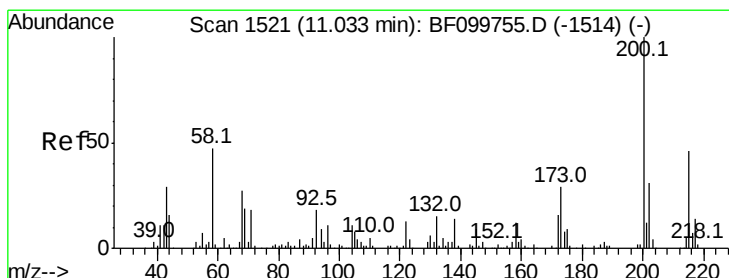
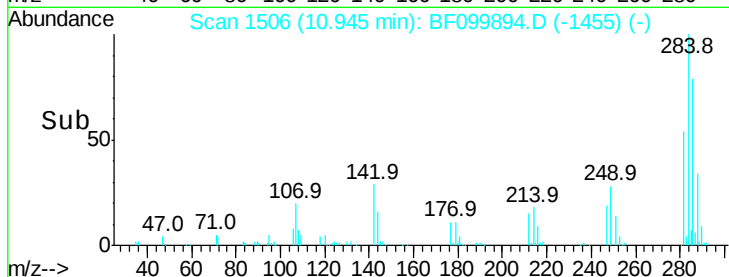
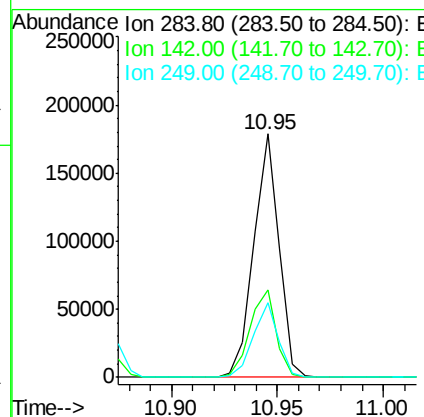
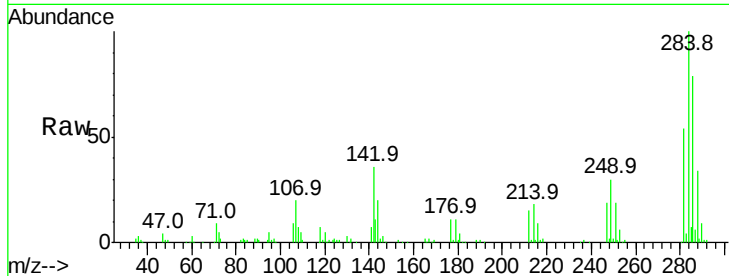
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	284	Resp:	148475
Ion Ratio	Lower	Upper	
284	100		
142	36.1	34.6	52.0
249	30.5	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 39.154 ng

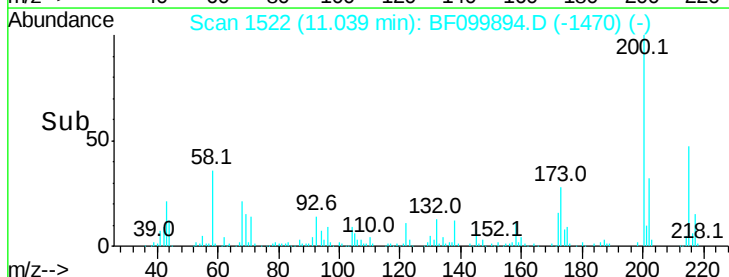
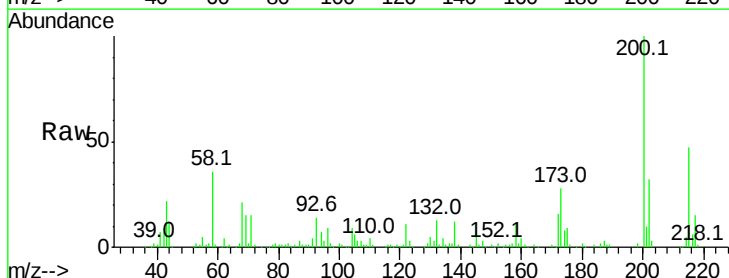
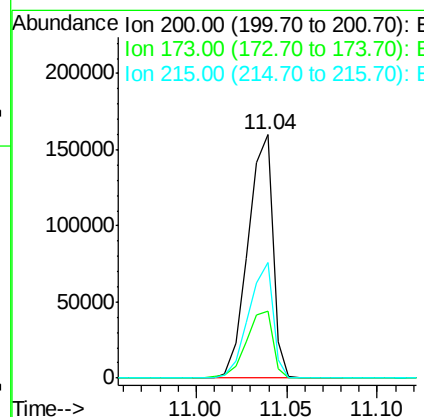
RT: 11.04 min Scan# 1522

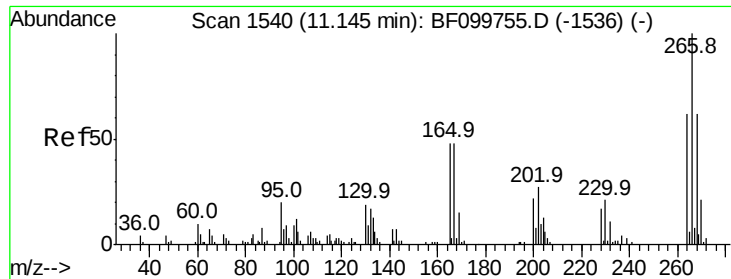
Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	200	Resp:	152800
Ion Ratio	Lower	Upper	
200	100		
173	27.7	8.6	48.6
215	47.3	25.1	65.1





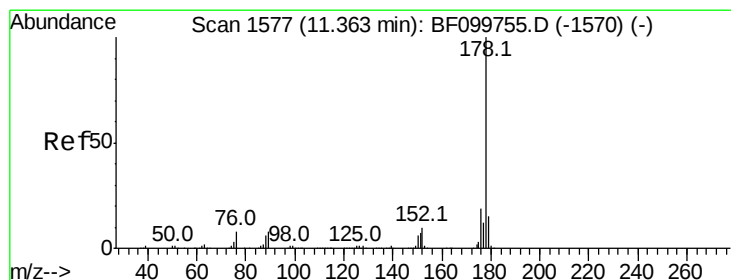
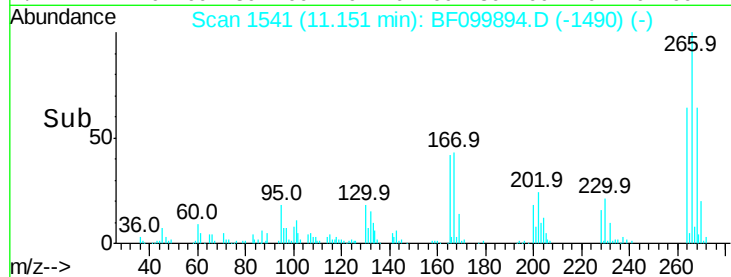
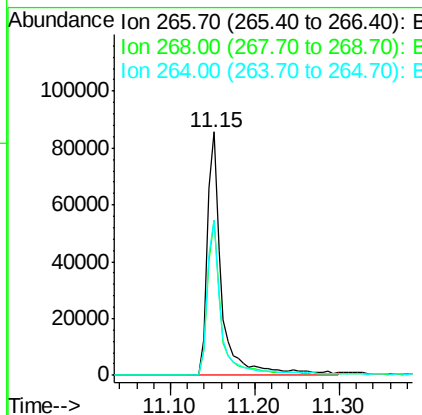
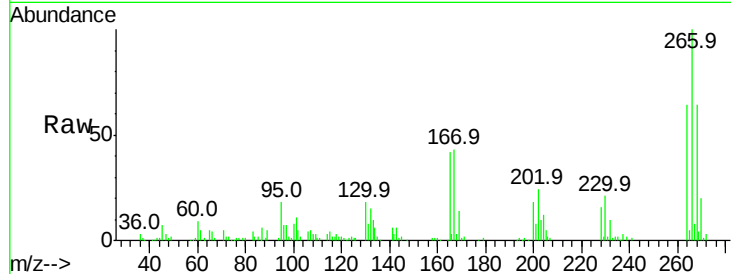
#69
 Pentachlorophenol
 Concen: 63.283 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	102500		
268	63.7		51.1	76.7
264	63.7		49.5	74.3

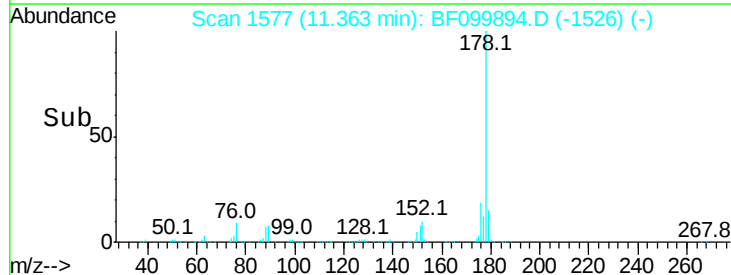
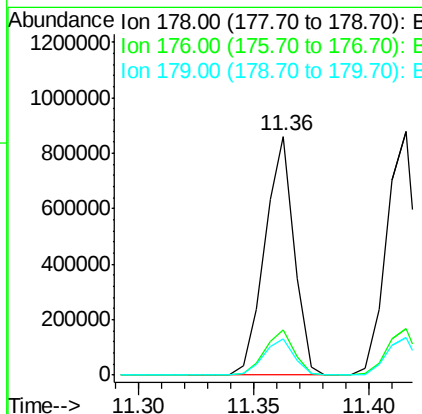
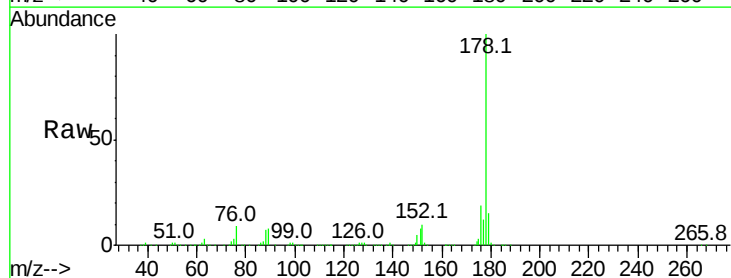
Manual Integrations
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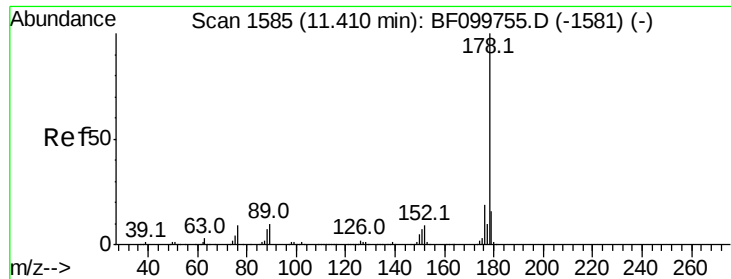
Sohil
 10/30/2017 6:16:48 PM



#70
 Phenanthrene
 Concen: 38.201 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	758737		
176	18.9		15.8	23.8
179	15.3		13.0	19.6





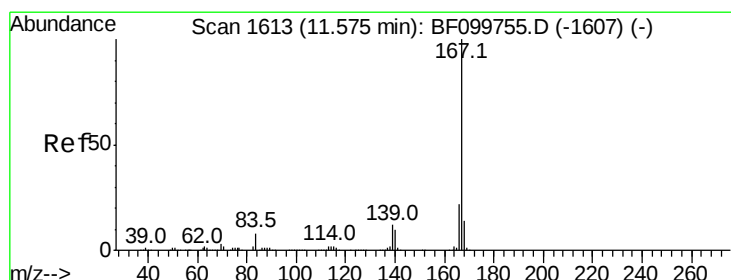
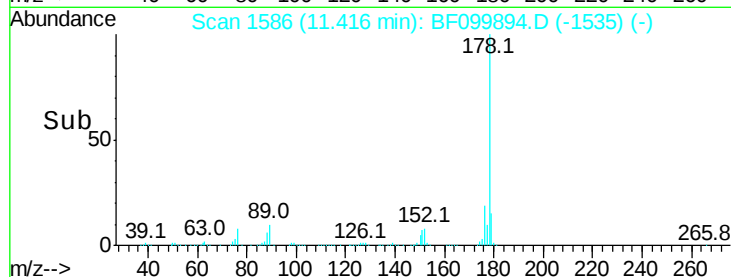
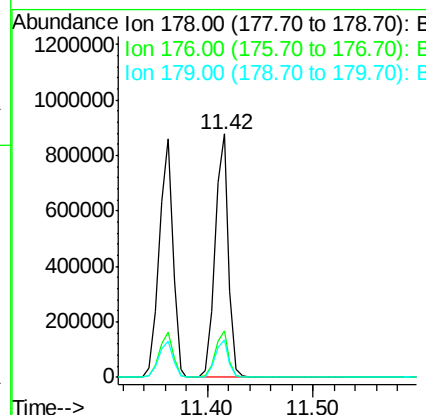
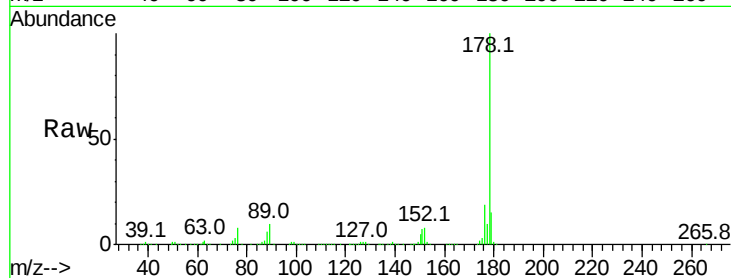
#71
 Anthracene
 Concen: 38.638 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0

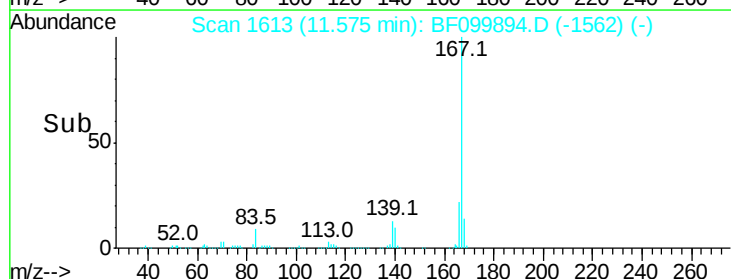
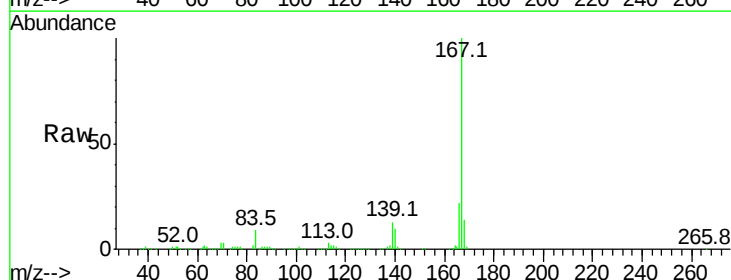
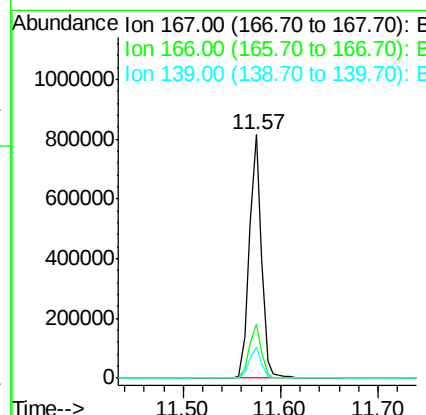
Manual Integrations
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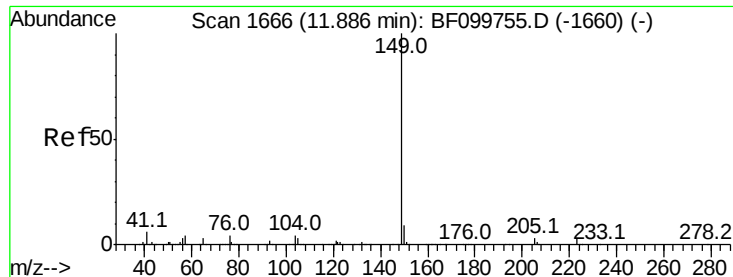
Sohil
 10/30/2017 6:16:48 PM



#72
 Carbazole
 Concen: 37.014 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.613 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

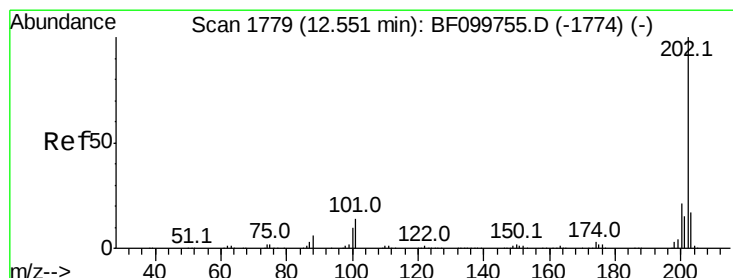
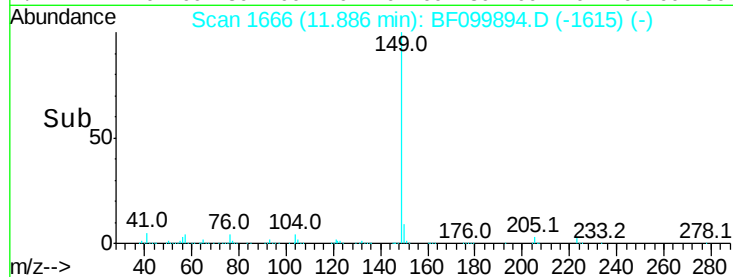
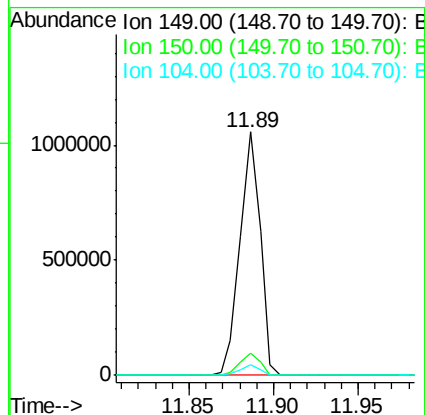
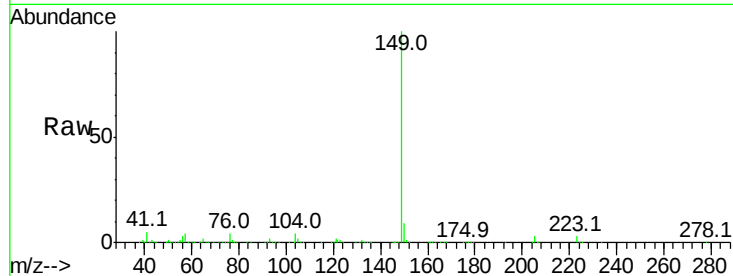
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	149	Resp:	885377
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 35.030 ng

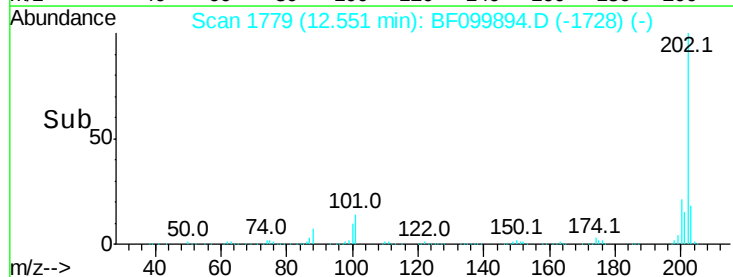
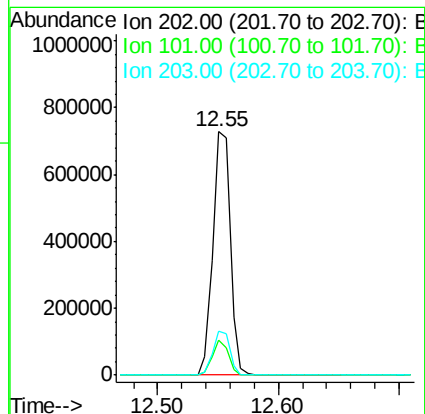
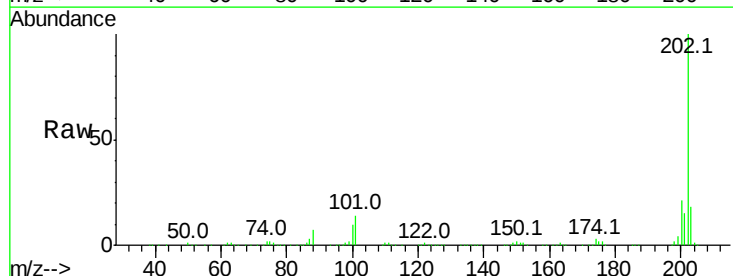
RT: 12.55 min Scan# 1779

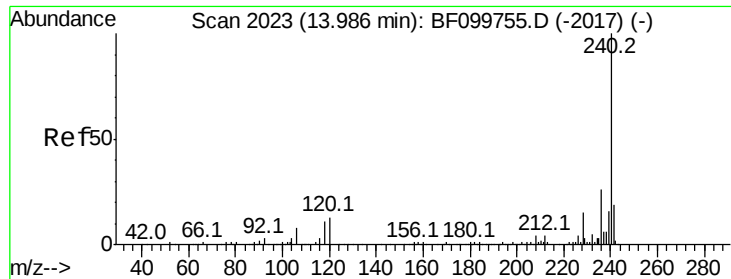
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	202	Resp:	723062
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

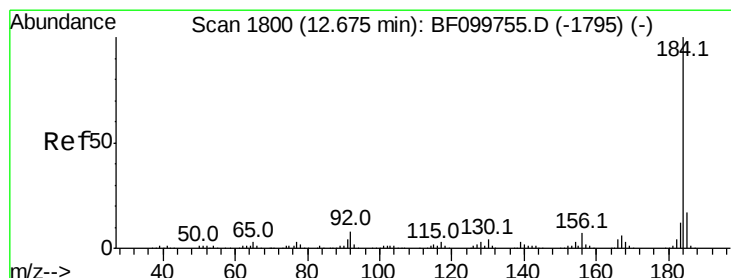
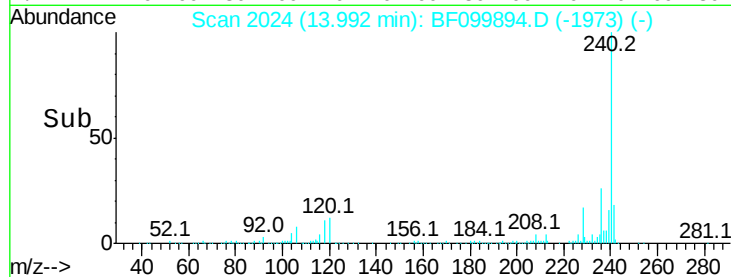
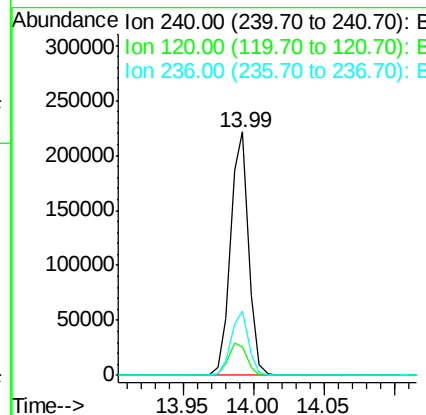
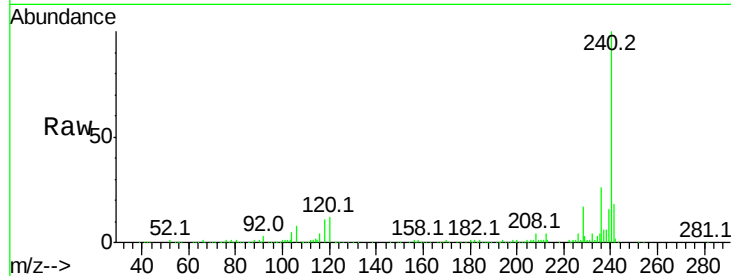
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	240	Resp:	195622
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 7.949 ng

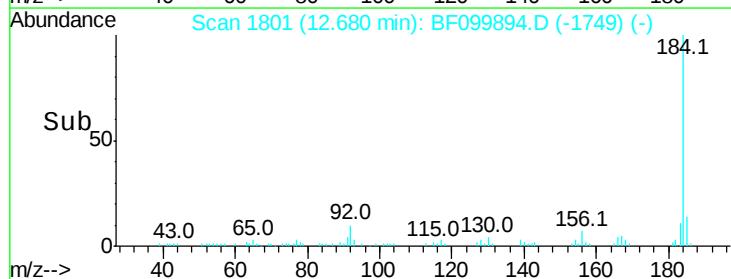
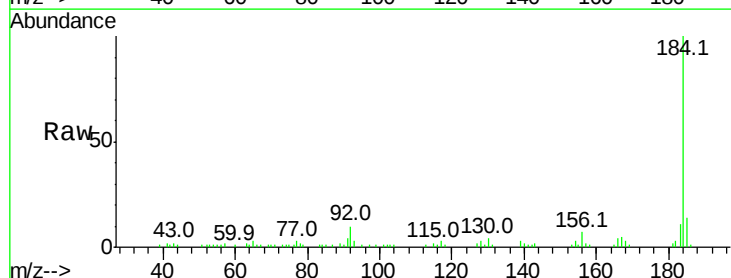
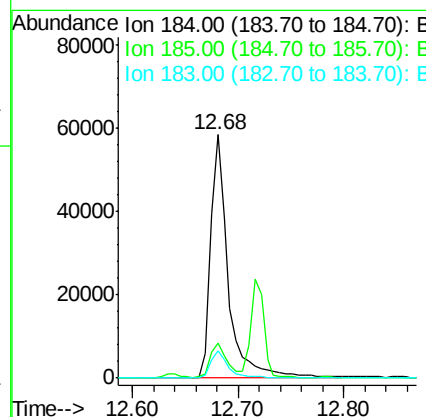
RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	184	Resp:	68044
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.2	9.3	13.9





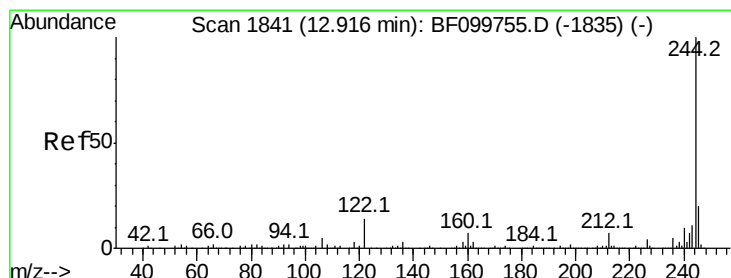
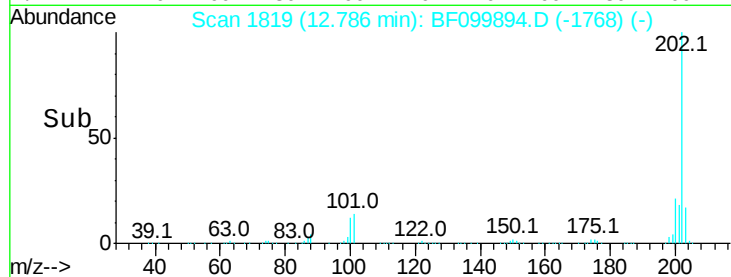
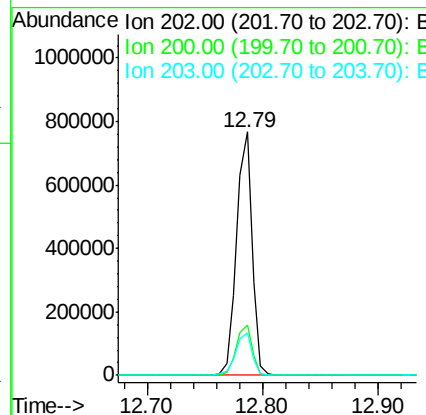
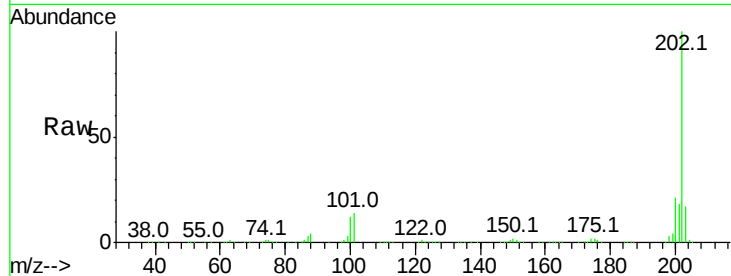
#77
Pvrene
Concen: 48.179 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	716667		
200	20.9		17.4	26.2
203	17.3		14.3	21.5

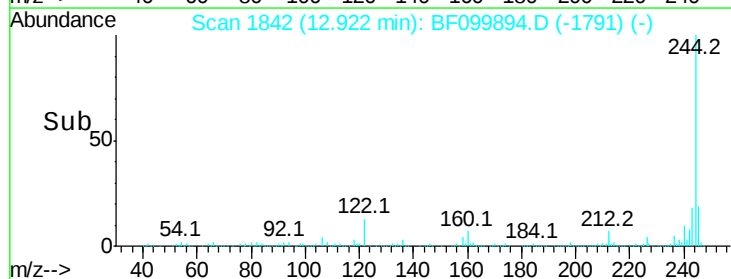
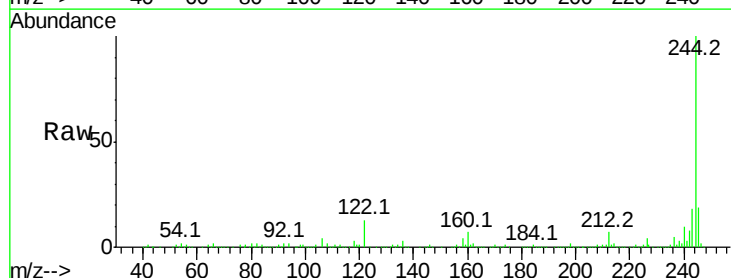
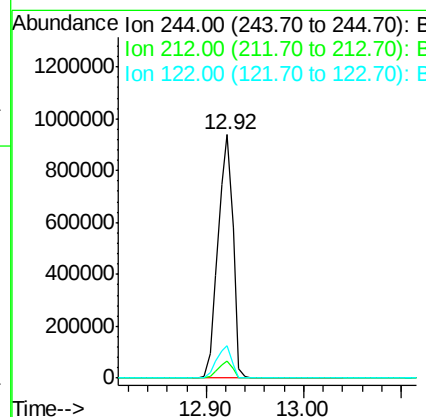
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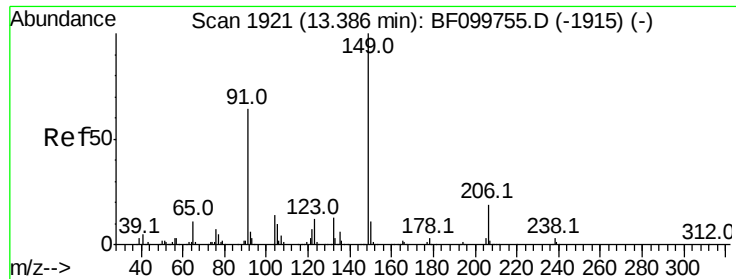
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#78
Terphenyl-d14
Concen: 110.967 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	993309		
212	7.1		5.4	8.0
122	13.3		11.0	16.4





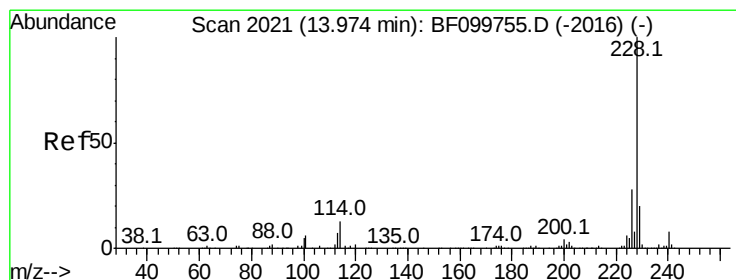
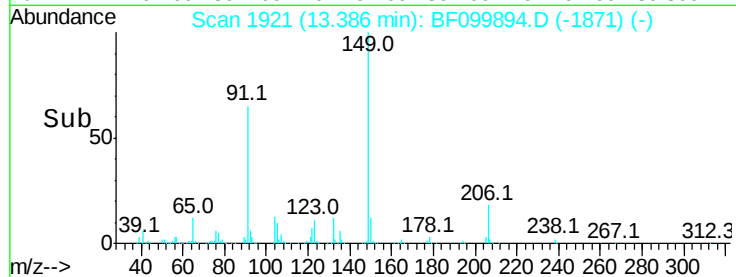
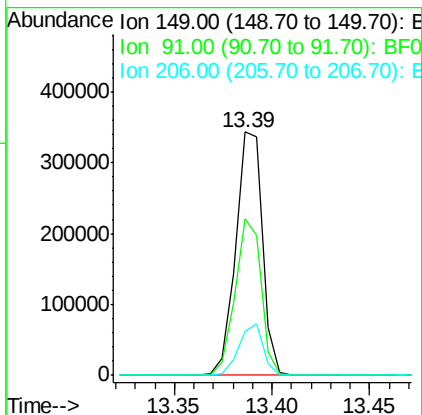
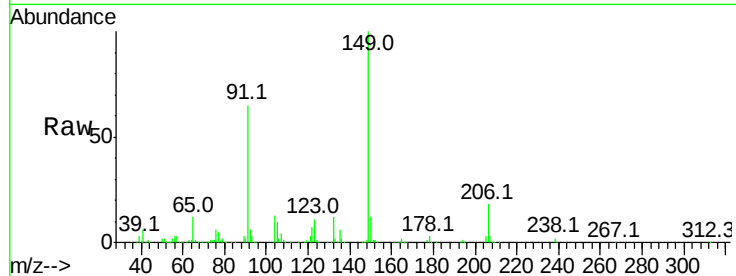
#79
Butylbenzylphthalate
Concen: 44.460 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	325666		
91	64.5	56.8	85.2	
206	18.3	14.1	21.1	

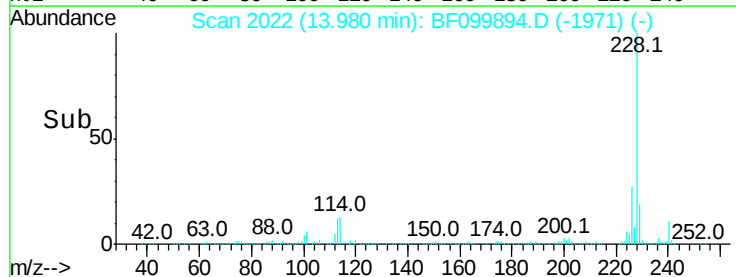
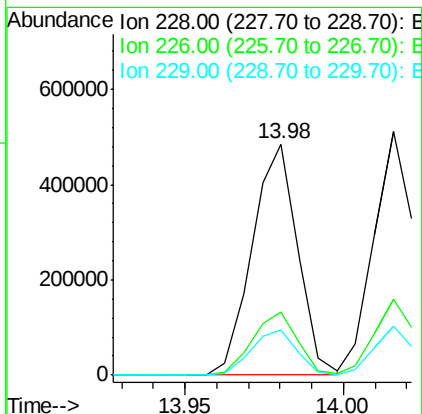
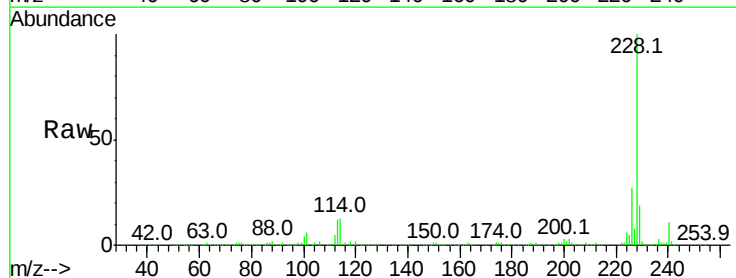
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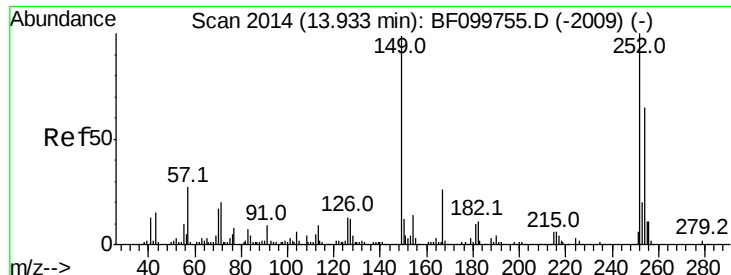
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#80
Benzo(a)anthracene
Concen: 38.937 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	482857		
226	27.2	22.6	33.8	
229	19.4	15.8	23.6	





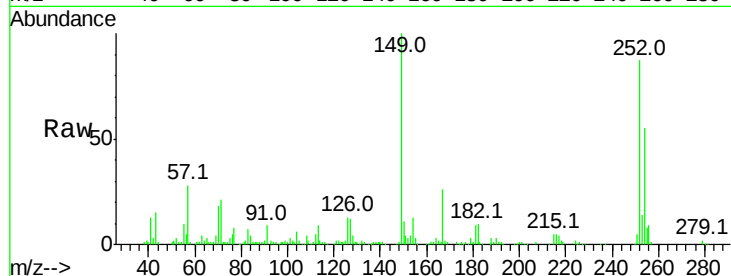
#81
3,3'-Dichlorobenzidine
Concen: 27.911 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

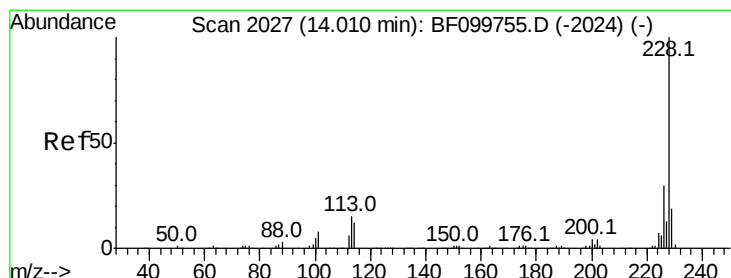
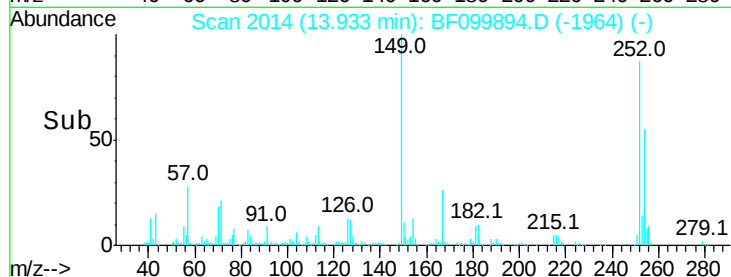
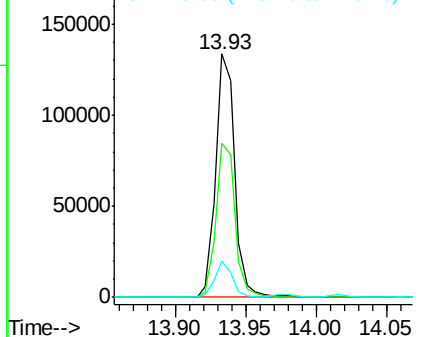
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	14.8	11.3	16.9

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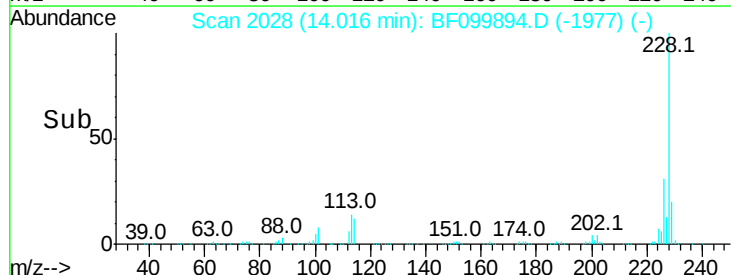
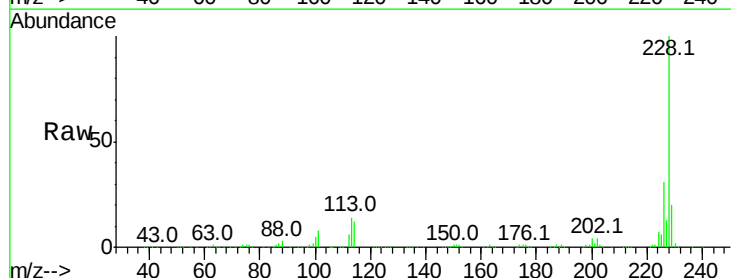
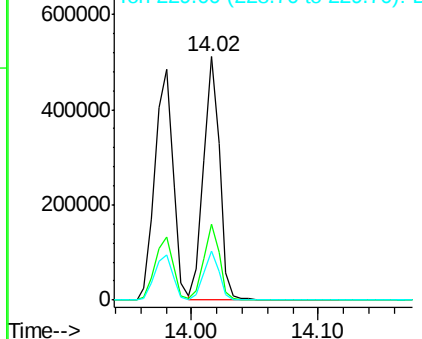
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82
Chrysene
Concen: 38.649 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.4	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.590 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

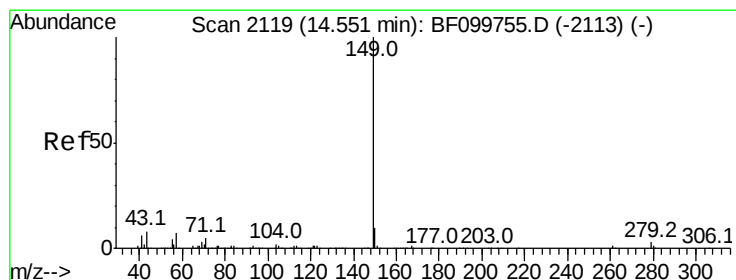
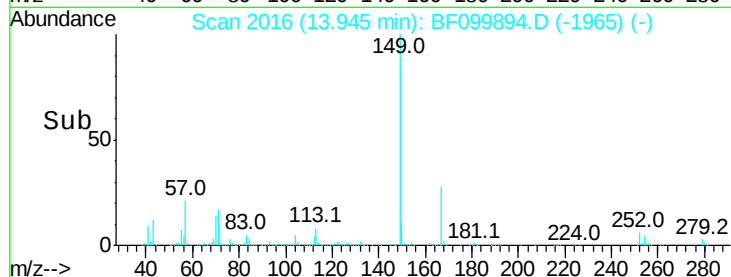
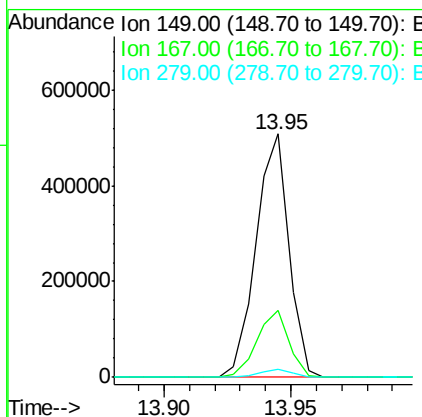
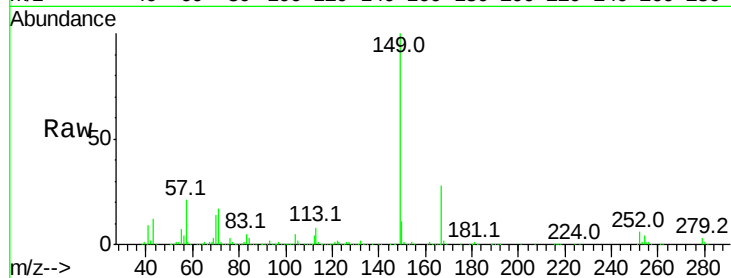
ClientSampleId :

EPE-P-5A(5-10)MSD

Tot Ion:	149	Resp:	458674
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.3	31.9
279	3.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 36.311 ng

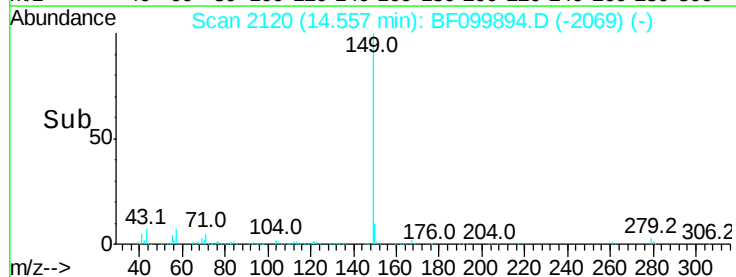
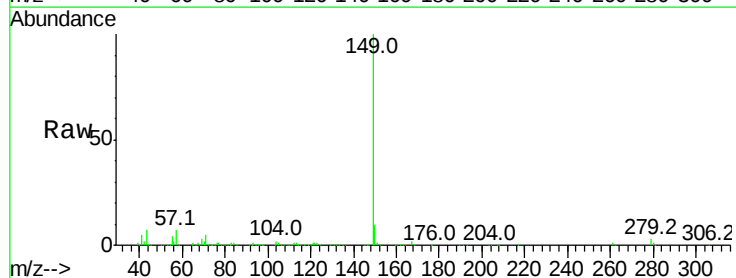
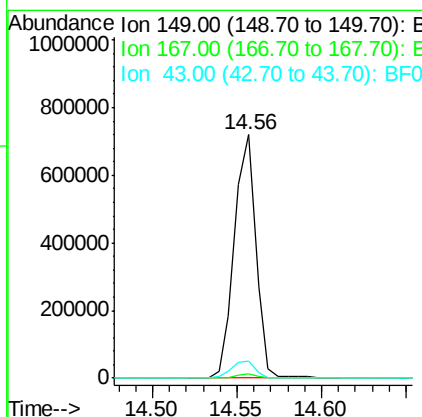
RT: 14.56 min Scan# 2120

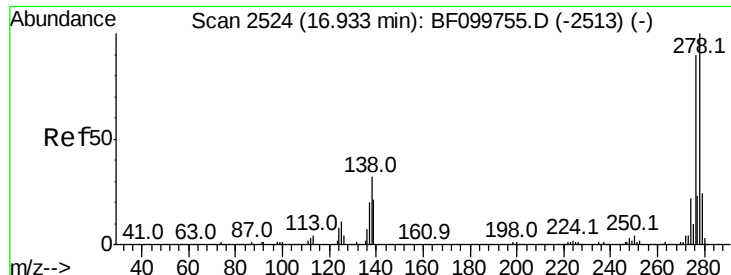
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:	149	Resp:	641069
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.5	8.4	12.6#





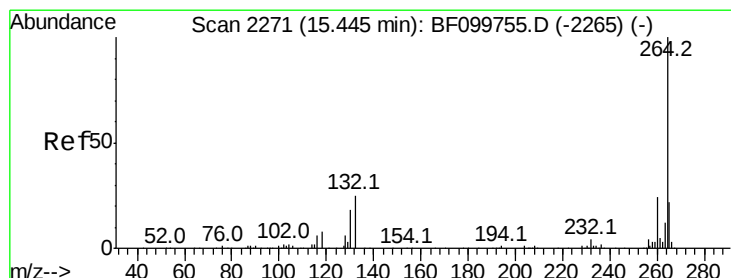
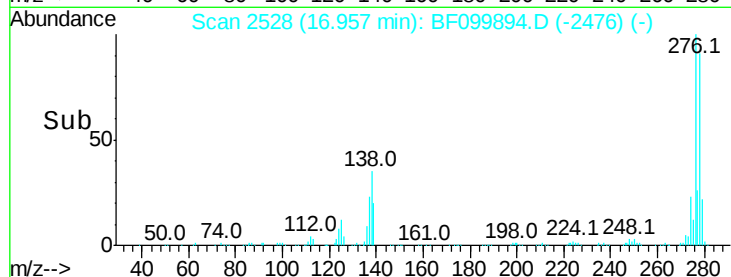
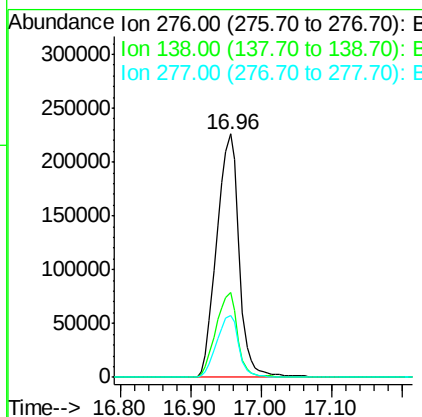
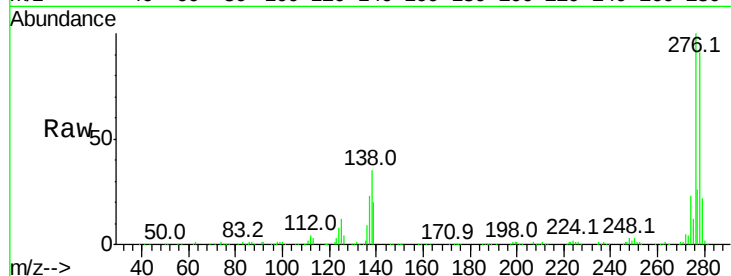
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.661 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.3	20.1	30.1

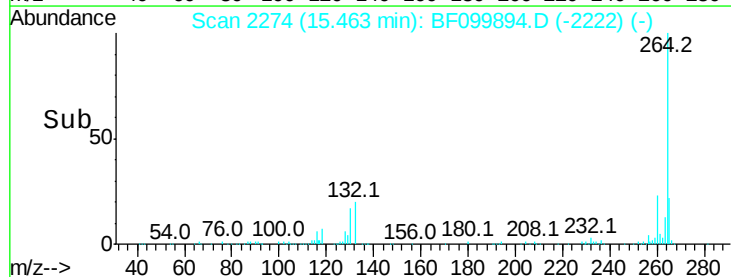
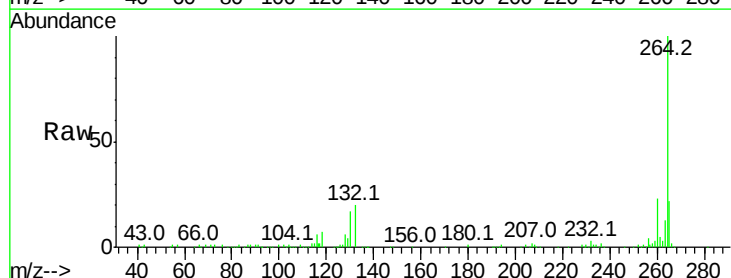
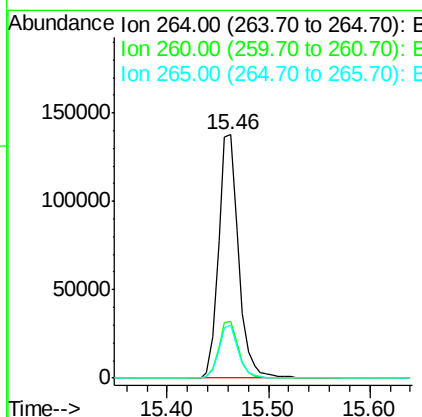
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3





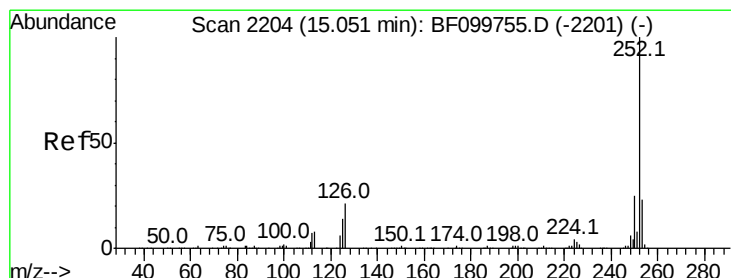
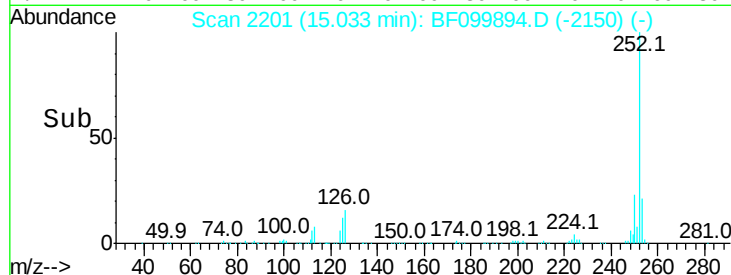
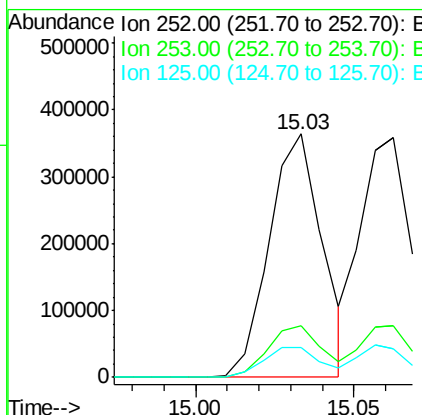
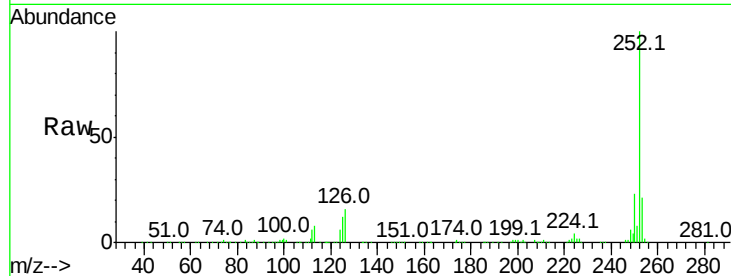
#87
Benzo(b)fluoranthene
Concen: 35.770 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.2	9.0	13.6

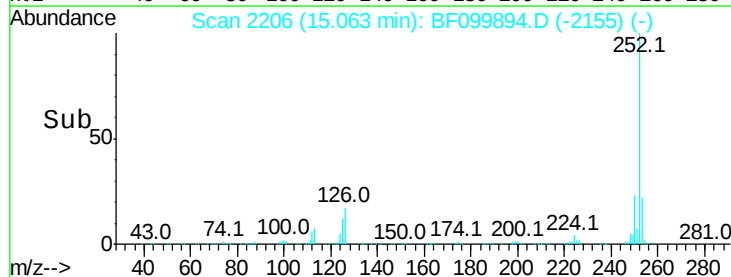
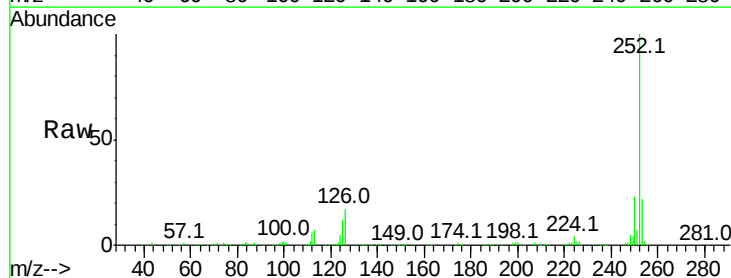
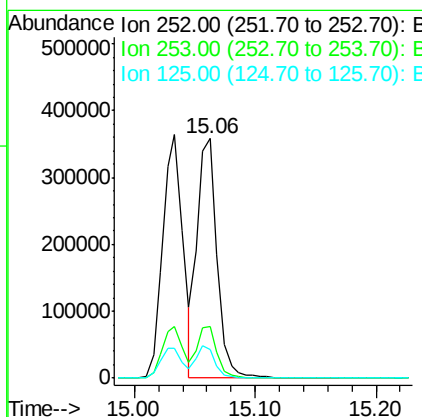
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#88
Benzo(k)fluoranthene
Concen: 36.738 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.095 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

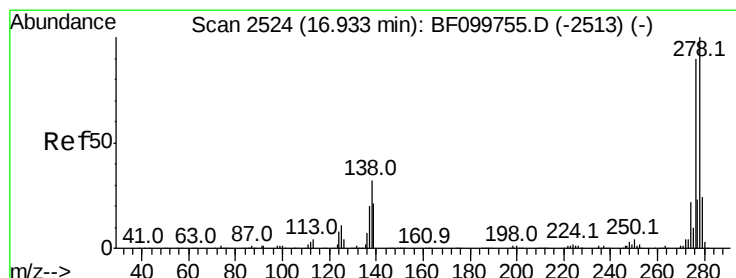
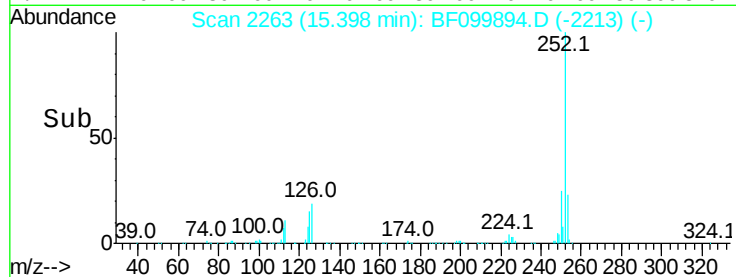
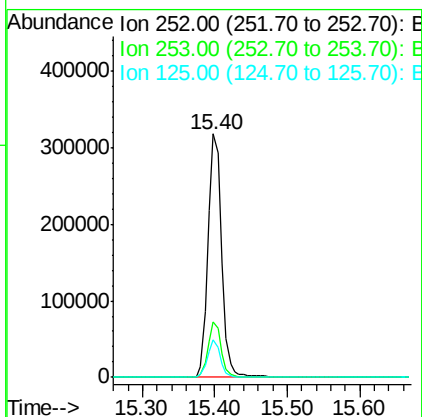
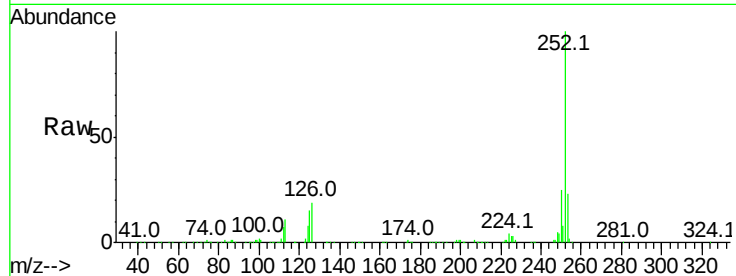
Instrument :
BNA_F

ClientSampleId :
EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	15.2	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 43.820 ng

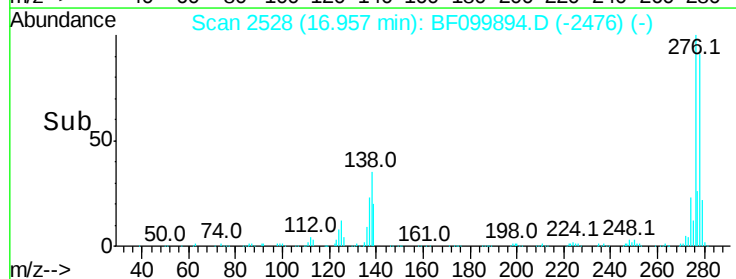
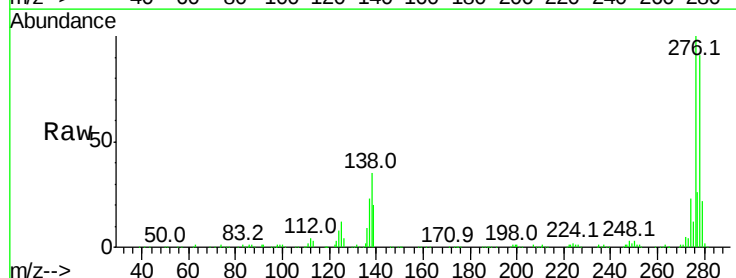
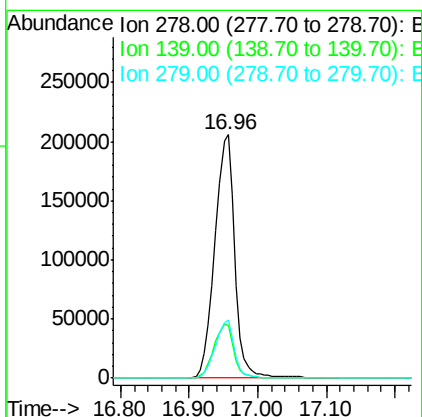
RT: 16.96 min Scan# 2528

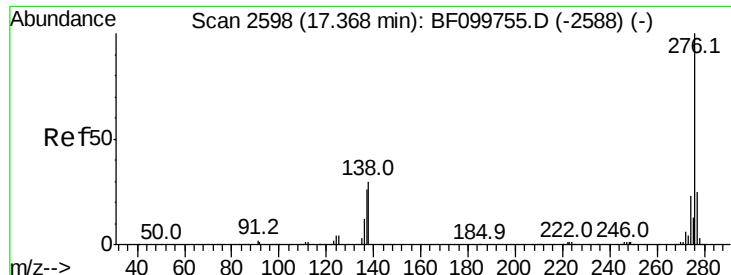
Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.971 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.0	21.8	32.8

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