

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099893.D
 Acq On : 27 Oct 2017 23:41
 Operator : SJ/JU
 Sample : I6029-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:16:46 PM

Quant Time: Oct 28 01:56:17 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	91750	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	382007	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	176954	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	319483	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180409	20.00	ng	0.00
86) Perylene-d12	15.46	264	162266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	619299	105.97	ng	0.00
7) Phenol-d6	6.45	99	730957	105.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	423539	71.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	165818	102.83	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	858066	74.81	ng	0.00
78) Terphenyl-d14	12.92	244	717968	86.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	71683	27.776	ng	# 89
3) Pyridine	3.35	79	167437	26.980	ng	# 88
4) n-Nitrosodimethylamine	3.28	42	67231	30.323	ng	# 70
6) Aniline	6.47	93	181165	20.163	ng	95
8) 2-Chlorophenol	6.59	128	205323	32.965	ng	91
9) Benzaldehyde	6.36	77	104290	25.186	ng	85
10) Phenol	6.46	94	276553	36.350	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	183756	31.277	ng	94
12) 1,3-Dichlorobenzene	6.73	146	209469	29.952	ng	96
13) 1,4-Dichlorobenzene	6.81	146	211883	29.852	ng	98
14) 1,2-Dichlorobenzene	6.96	146	201147	31.095	ng	98
15) Benzyl Alcohol	6.95	79	143640	32.595	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	233750	35.816	ng	56
17) 2-Methylphenol	7.06	107	161301	30.960	ng	# 93
18) Hexachloroethane	7.30	117	67646	28.566	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	127808	31.474	ng	90
20) 3+4-Methylphenols	7.22	107	209523	34.538	ng	# 74
22) Acetophenone	7.21	105	269354	30.968	ng	# 95
24) Nitrobenzene	7.39	77	191589	32.046	ng	91
25) Isophorone	7.62	82	358688	33.314	ng	95
26) 2-Nitrophenol	7.70	139	114905	33.556	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	172611	34.212	ng	94
28) bis(2-Chloroethoxy)methane	7.83	93	240822	31.937	ng	99
29) 2,4-Dichlorophenol	7.95	162	178554	34.067	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	174945	31.240	ng	99
31) Naphthalene	8.10	128	582554	31.592	ng	99
33) 4-Chloroaniline	8.16	127	133320	17.509	ng	95
34) Hexachlorobutadiene	8.21	225	85125	29.552	ng	98
35) Caprolactam	8.54	113	52910m	32.101	ng	
36) 4-Chloro-3-methylphenol	8.65	107	174783	32.672	ng	93
37) 2-Methylnaphthalene	8.79	142	412976	33.420	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	168690	29.516	ng	98
40) Hexachlorocyclopentadiene	8.94	237	37585	41.927	ng	96
42) 2,4,6-Trichlorophenol	9.09	196	112790	32.626	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	116437	31.740	nq	# 93
45) 1,1'-Biphenyl	9.26	154	476048	29.738	nq	98
46) 2-Chloronaphthalene	9.29	162	376964	32.425	nq	96
47) 2-Nitroaniline	9.40	65	99070	32.469	nq	# 82
48) Acenaphthylene	9.70	152	558337	31.182	nq	99
49) Dimethylphthalate	9.56	163	584863	41.736	nq	99
50) 2,6-Dinitrotoluene	9.64	165	97496	33.095	nq	# 77
51) Acenaphthene	9.87	154	336569	30.763	nq	99
52) 3-Nitroaniline	9.81	138	86455	24.907	nq	90
53) 2,4-Dinitrophenol	9.94	184	34412	33.217	nq	# 79
54) Dibenzofuran	10.05	168	499616	32.351	nq	99
55) 4-Nitrophenol	9.99	139	98137	54.109	nq	86
56) 2,4-Dinitrotoluene	10.05	165	120609	33.996	nq	# 90
57) Fluorene	10.39	166	406942	31.825	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	89369	34.745	nq	# 89
59) Diethylphthalate	10.26	149	428339	31.301	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	188841	31.380	nq	89
61) 4-Nitroaniline	10.43	138	95879	28.951	nq	85
62) Azobenzene	10.54	77	410586	35.792	nq	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	47047	23.426	nq	# 71
65) n-Nitrosodiphenylamine	10.50	169	356675	30.243	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	108399	32.229	nq	92
67) Hexachlorobenzene	10.95	284	108367	31.494	nq	# 88
68) Atrazine	11.03	200	112183	31.667	nq	99
69) Pentachlorophenol	11.15	266	70406	47.885	nq	99
70) Phenanthrene	11.36	178	568552	31.534	nq	98
71) Anthracene	11.41	178	586976	32.073	nq	99
72) Carbazole	11.57	167	531726	30.896	nq	98
73) Di-n-butylphthalate	11.89	149	670831	30.560	nq	98
74) Fluoranthene	12.55	202	547593	29.225	nq	99
76) Benzidine	12.68	184	65480	8.295	nq	98
77) Pyrene	12.78	202	543321	39.606	nq	99
79) Butylbenzylphthalate	13.39	149	246394	36.474	nq	92
80) Benzo(a)anthracene	13.97	228	355813	31.111	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	98586	23.747	nq	99
82) Chrysene	14.02	228	342747	31.877	nq	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	344168	36.280	nq	# 98
84) Di-n-octyl phthalate	14.55	149	476156	29.244	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.95	276	353489	35.812	nq	97
87) Benzo(b)fluoranthene	15.03	252	321231	31.351	nq	97
88) Benzo(k)fluoranthene	15.06	252	278127	28.786	nq	98
89) Benzo(a)pyrene	15.40	252	295167	32.069	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	292956	35.821	nq	98
91) Benzo(g,h,i)perylene	17.40	276	307684	38.454	nq	98

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

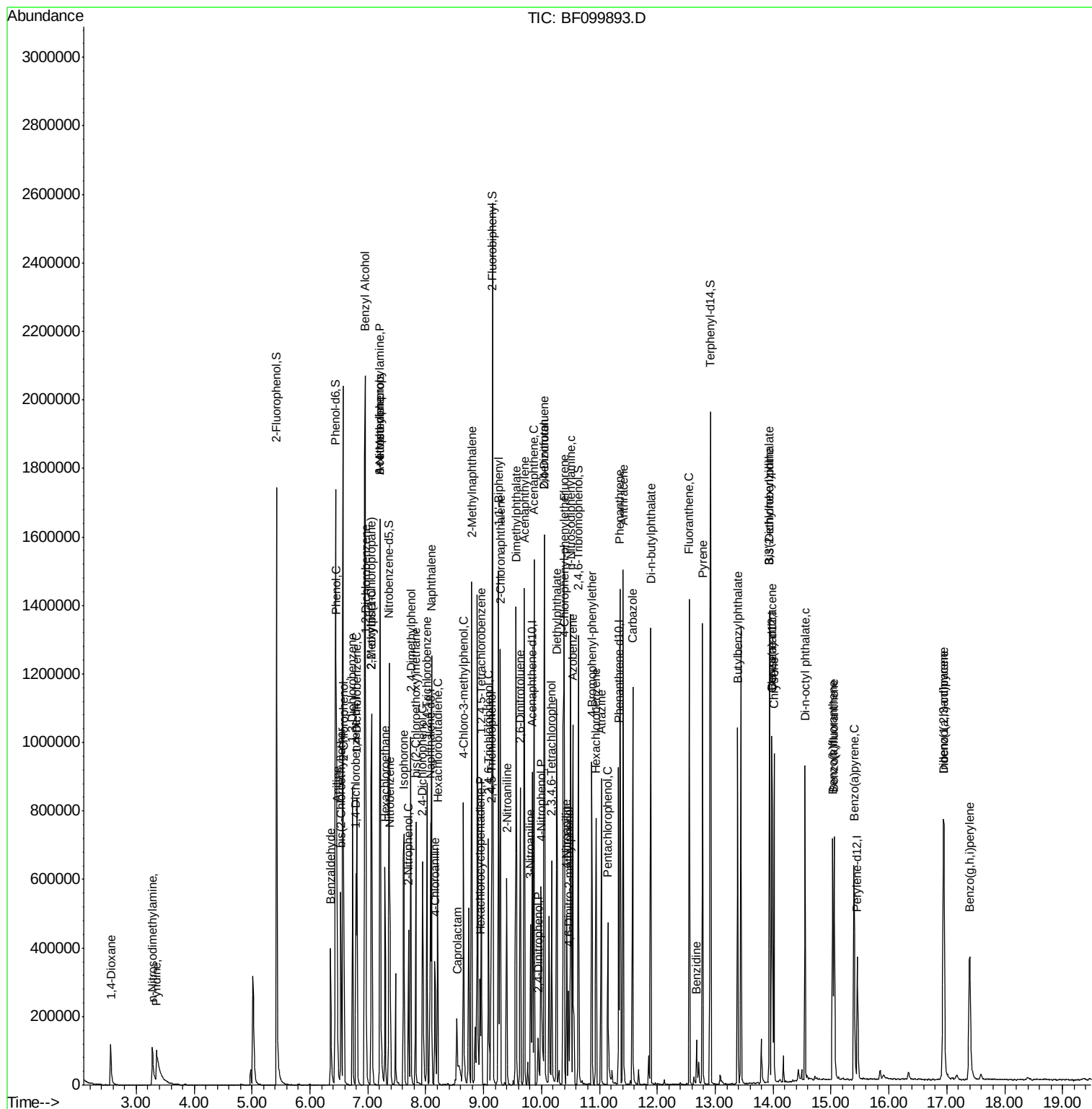
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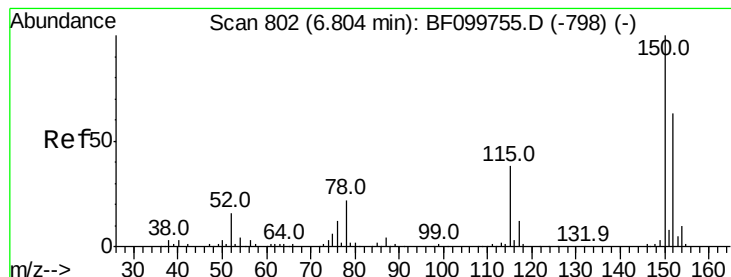
Instrument :
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ClientSampleId :
EPE-P-5A(5-10)MS

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#1

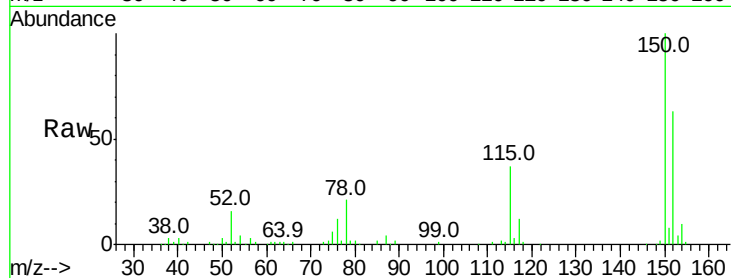
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	57.9	50.1	75.1

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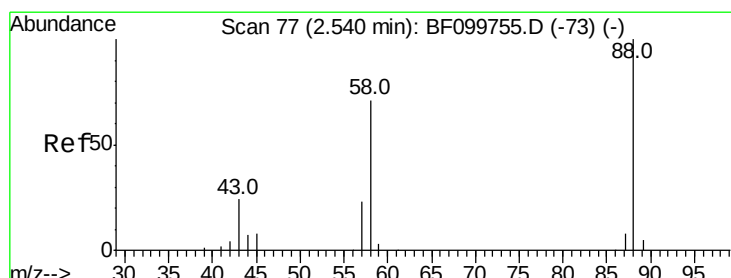
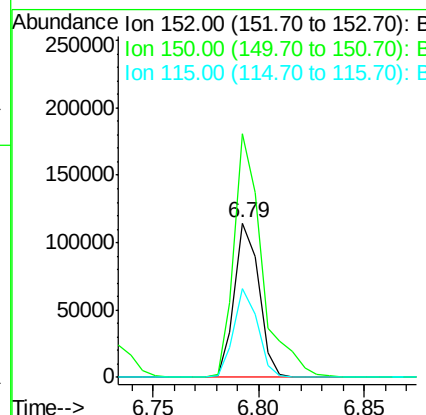
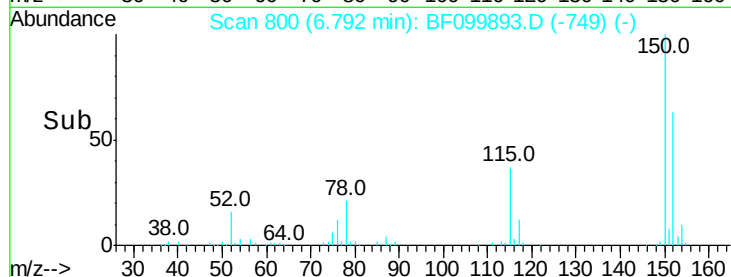


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

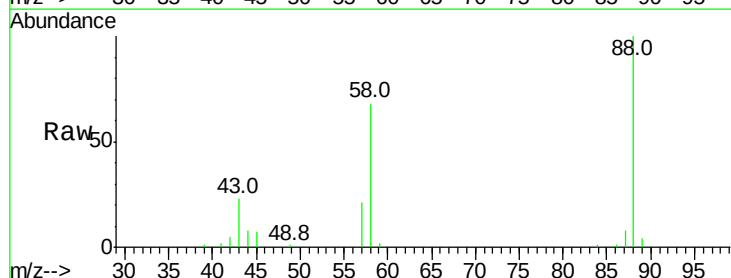
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.776 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	62.6	93.8
43	23.8	24.6	37.0

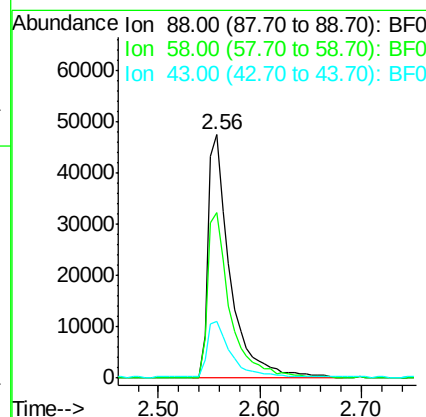
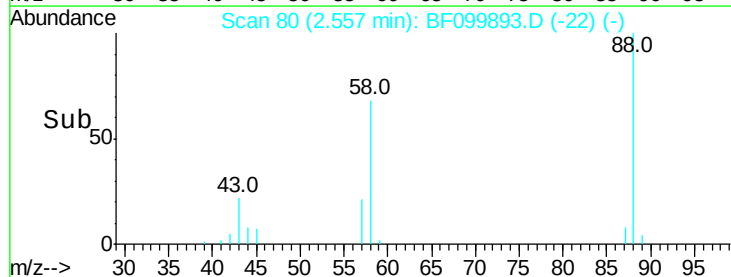


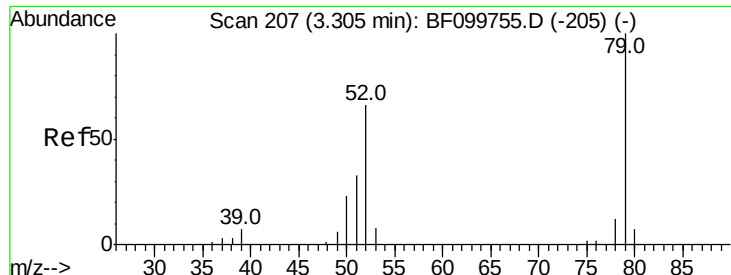
Abundance

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





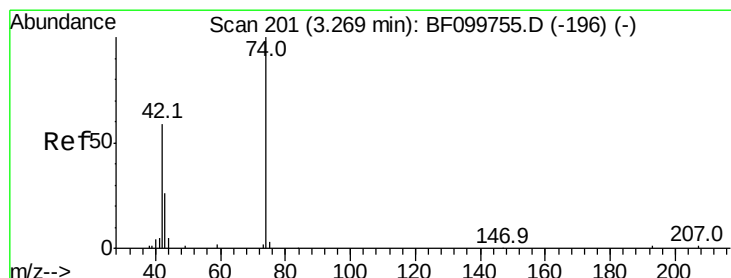
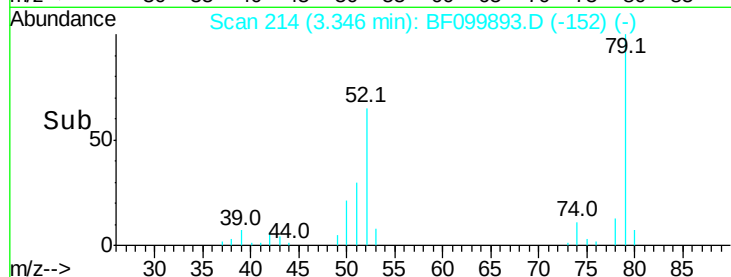
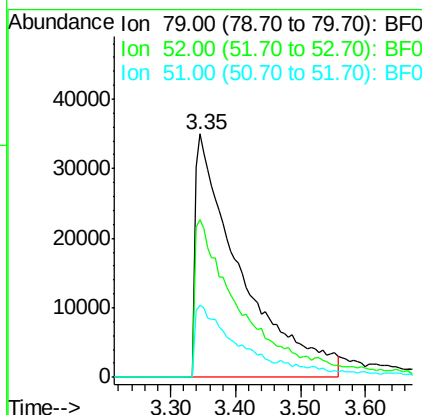
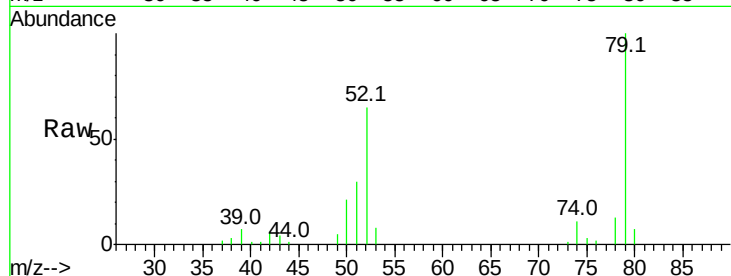
#3
 Pvridine
 Concen: 26.980 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.7	59.8	89.6
51	29.5	29.8	44.8#

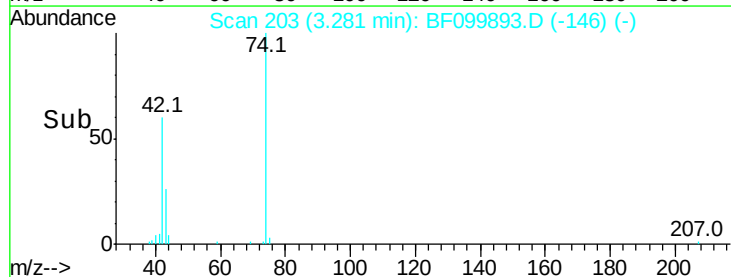
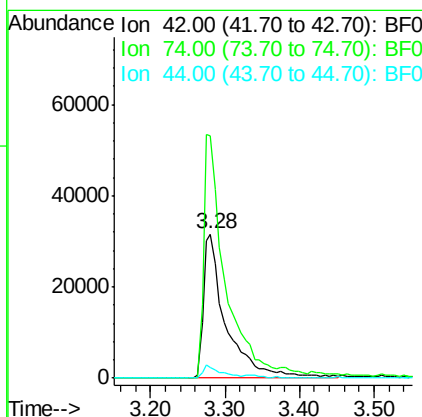
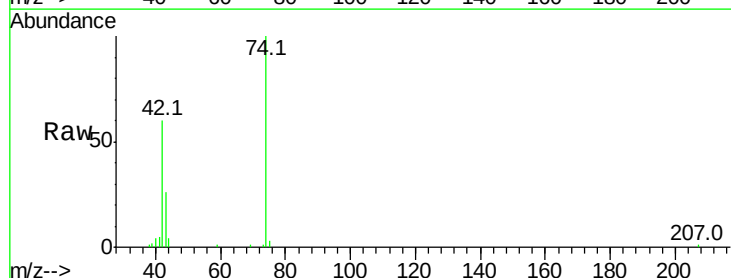
Manual Integrations
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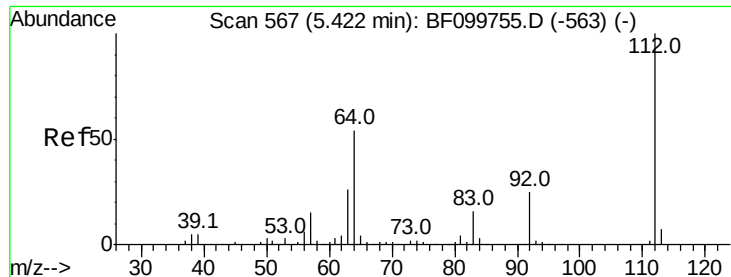
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#4
 n-Nitrosodimethylamine
 Concen: 30.323 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.04 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	167.9	104.9	157.3#
44	7.1	6.9	10.3





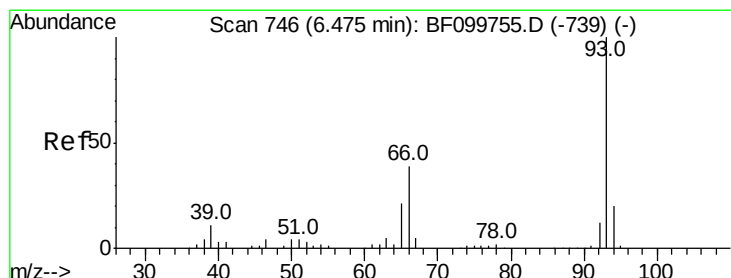
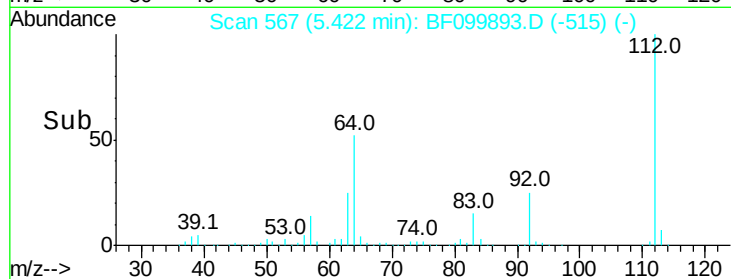
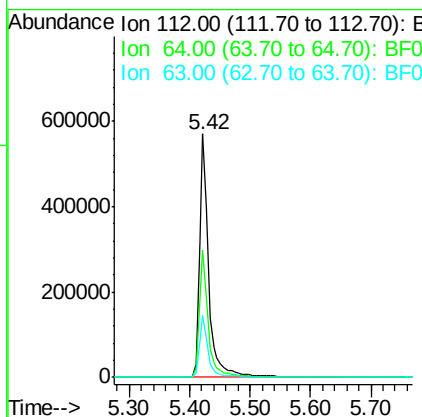
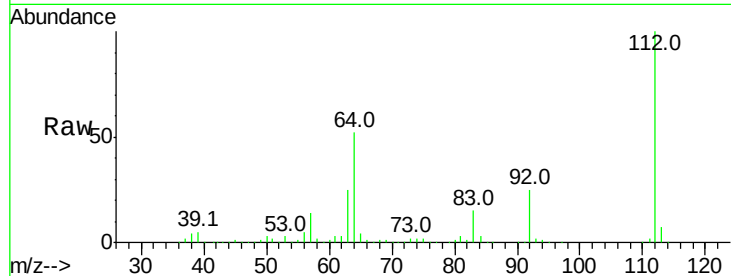
#5
 2-Fluorophenol
 Concen: 105.970 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion:	112	Resp:	619299
Ion Ratio	Lower	Upper	
112	100		
64	52.2	47.9	71.9
63	25.2	23.7	35.5

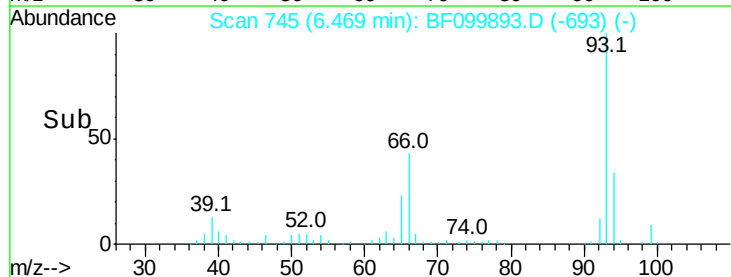
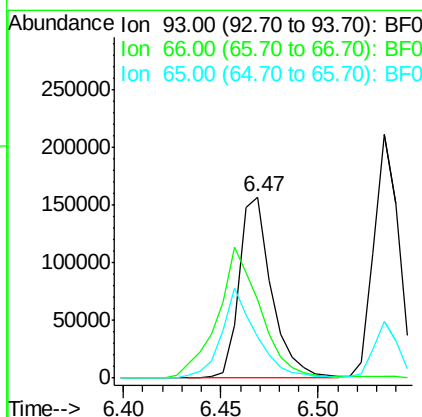
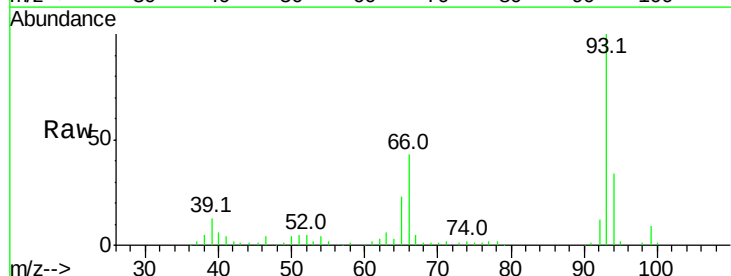
Manual Integrations
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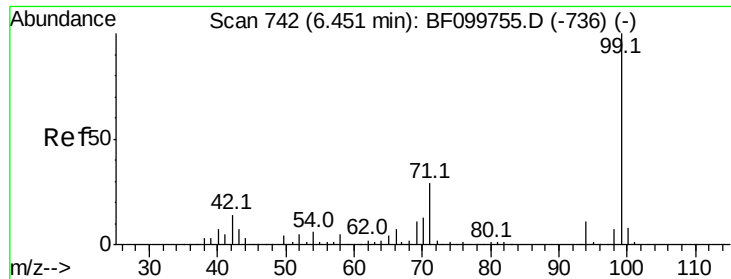
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#6
 Aniline
 Concen: 20.163 ng
 RT: 6.47 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion:	93	Resp:	181165
Ion Ratio	Lower	Upper	
93	100		
66	43.1	32.2	48.2
65	22.5	16.4	24.6





#7

Phenol-d6

Concen: 105.486 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

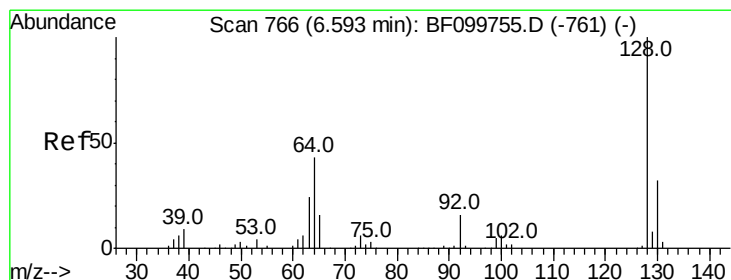
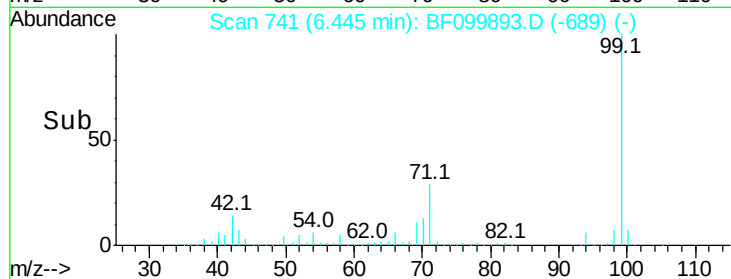
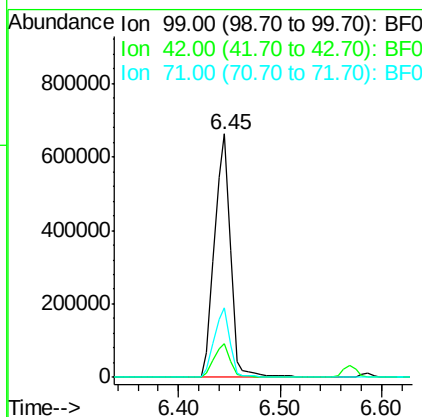
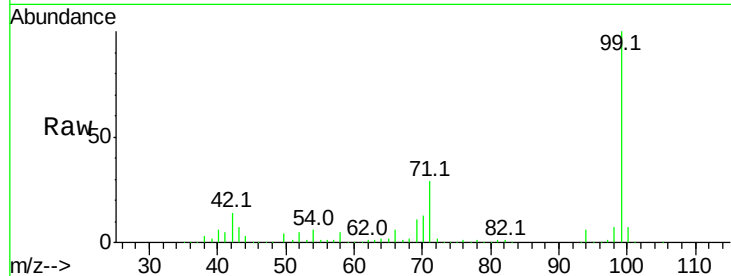
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		730957		
42	13.9	14.5	21.7#		
71	28.8	25.4	38.0		

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#8

2-Chlorophenol

Concen: 32.965 ng

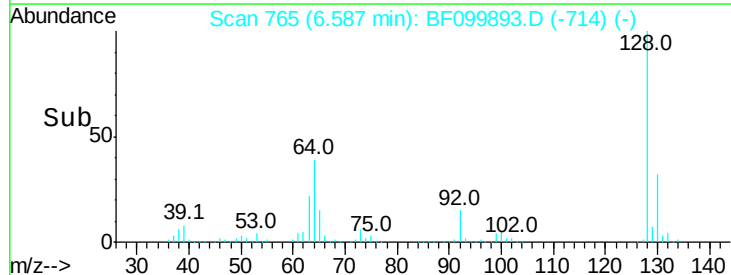
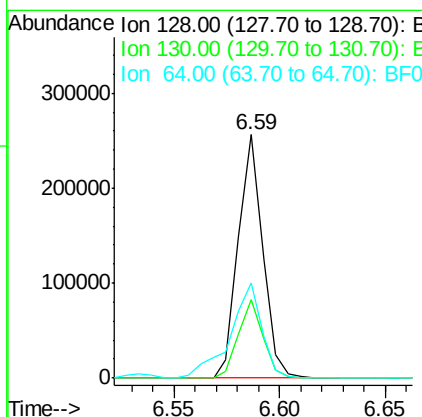
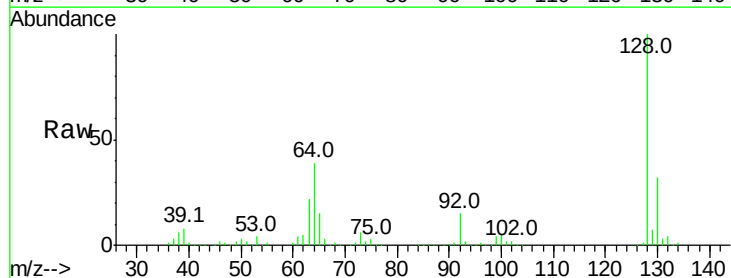
RT: 6.59 min Scan# 765

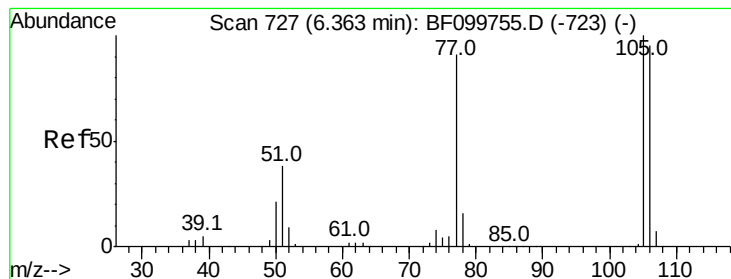
Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		205323		
130	32.5	13.0	53.0		
64	39.2	29.4	69.4		





#9

Benzaldehyde

Concen: 25.186 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 77 Resp: 104290

Ion Ratio Lower Upper

77 100

105 115.4 81.1 121.1

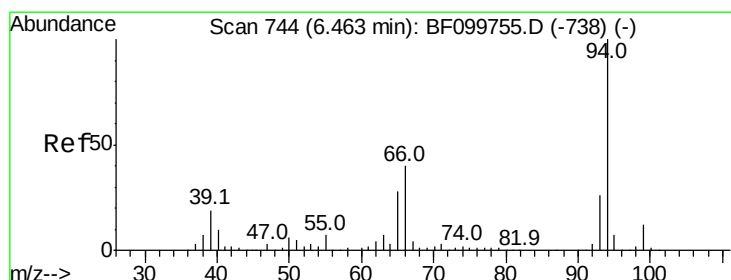
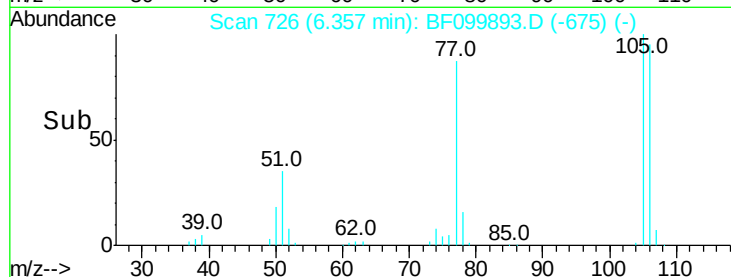
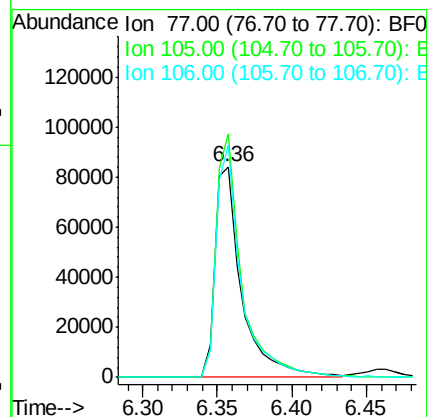
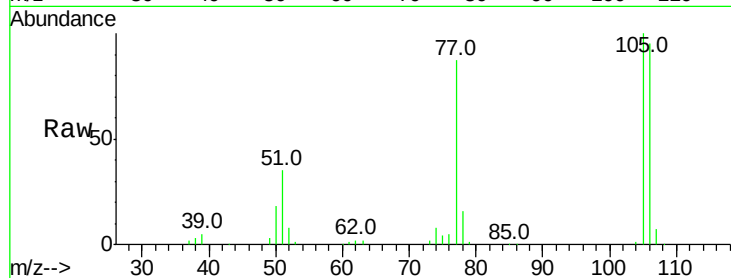
106 110.2 74.5 114.5

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#10

Phenol

Concen: 36.350 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

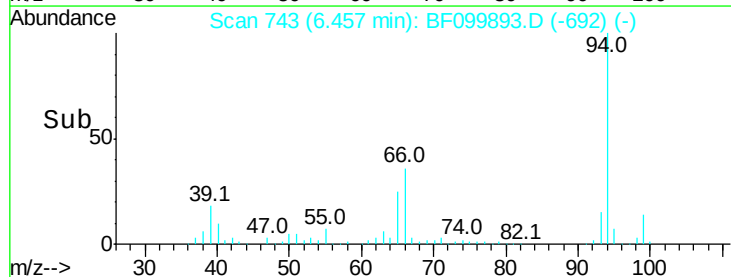
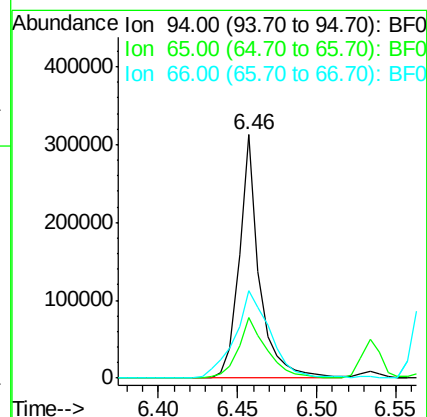
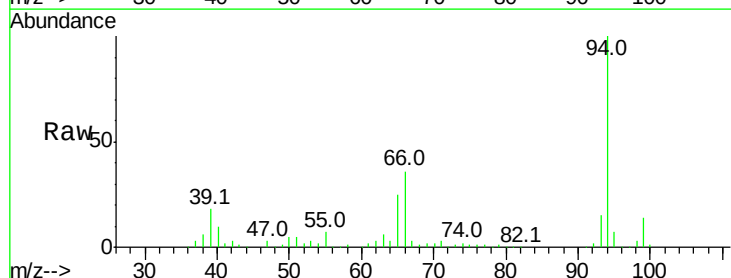
Tgt Ion: 94 Resp: 276553

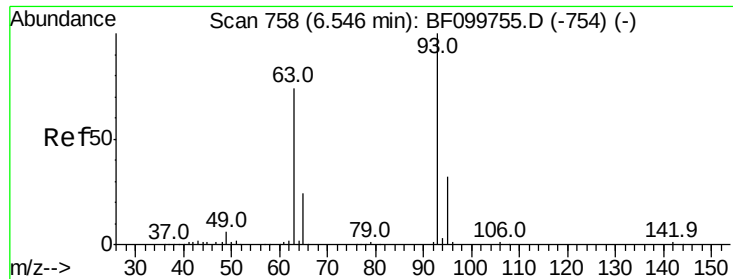
Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

66 36.2 16.2 56.2





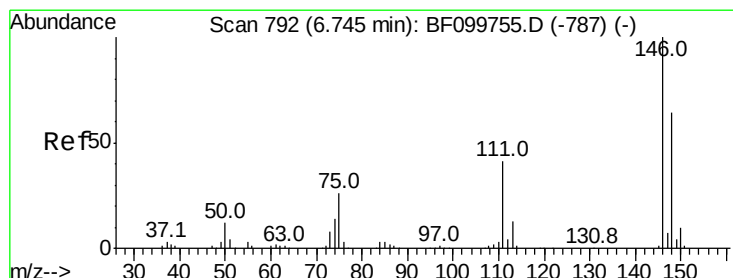
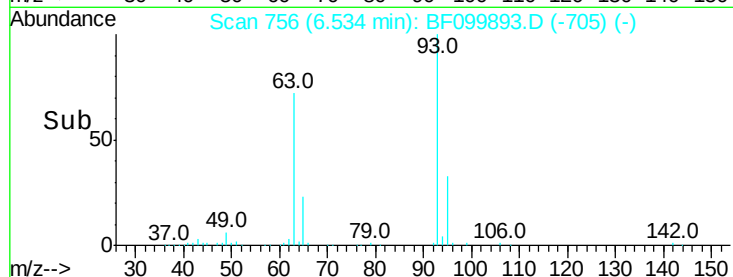
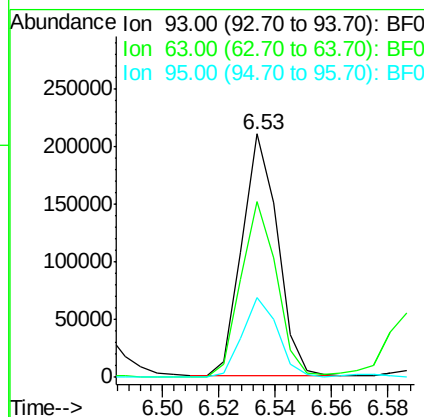
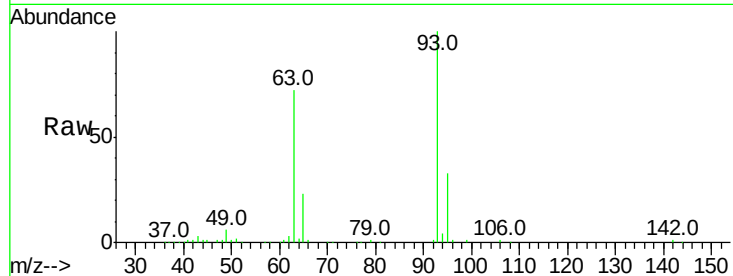
#11
bis(2-Chloroethyl)ether
Concen: 31.277 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	93	Resp	183756
Ion Ratio	Lower	Upper	
93	100		
63	72.4	58.6	98.6
95	32.9	11.8	51.8

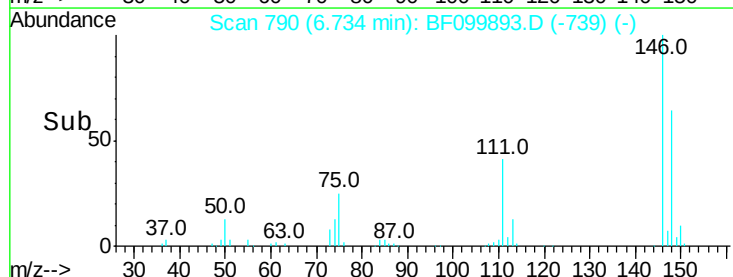
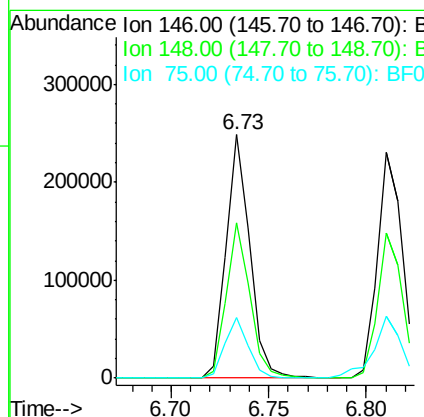
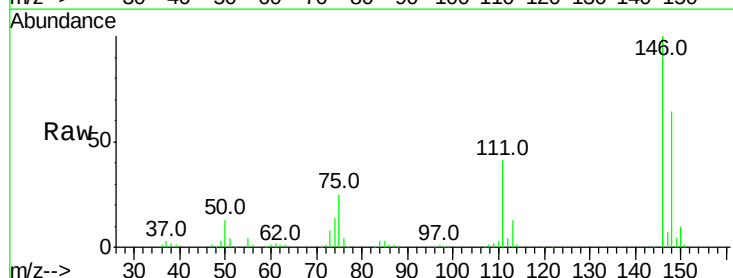
Manual Integrations
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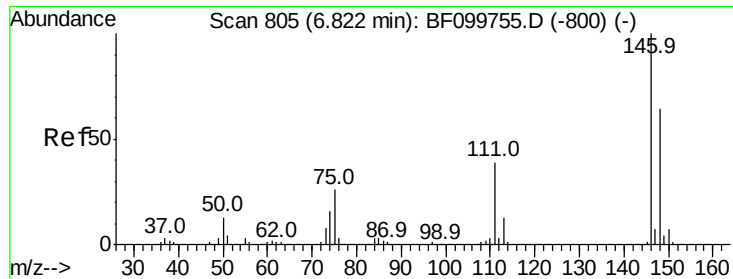
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.952 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	146	Resp	209469
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	24.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 29.852 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

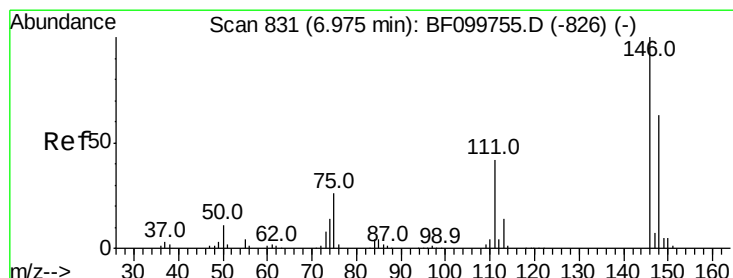
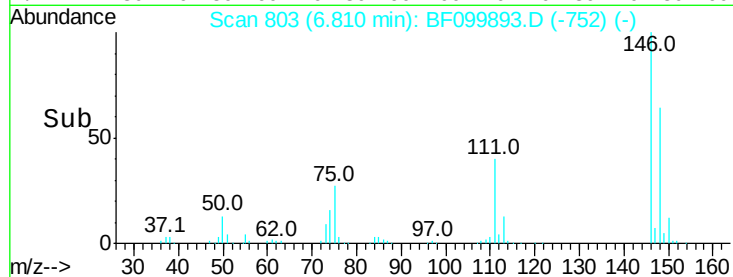
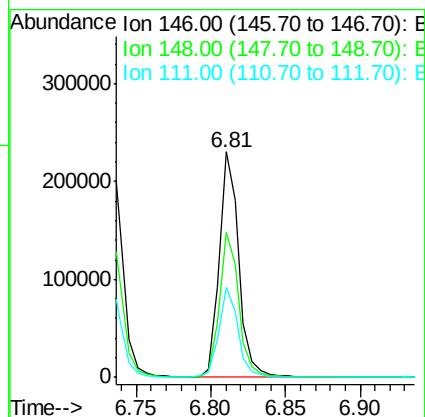
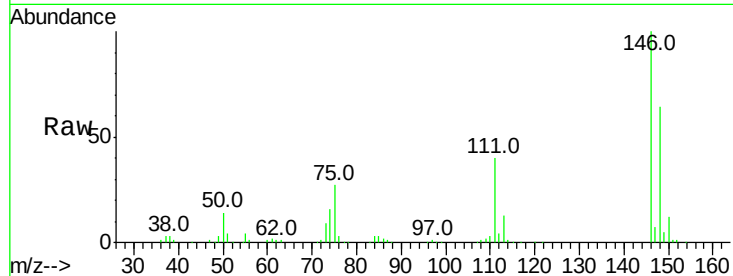
ClientSampleId :

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

Tot Ion:	146	Resp:	211883
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	40.3	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 31.095 ng

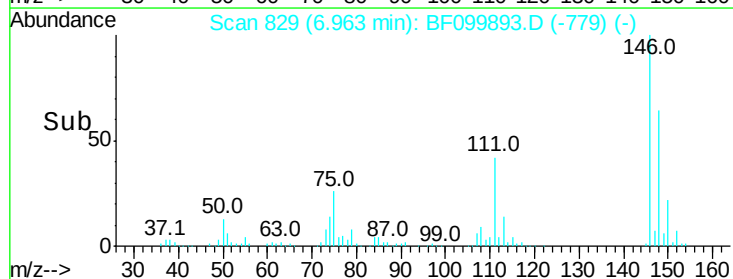
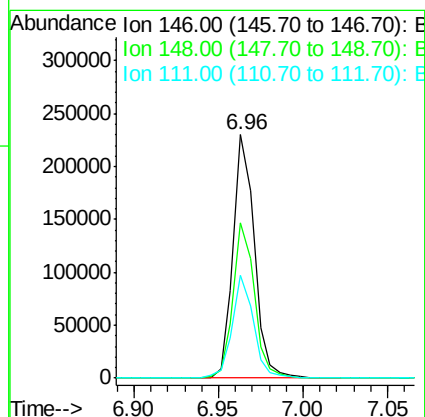
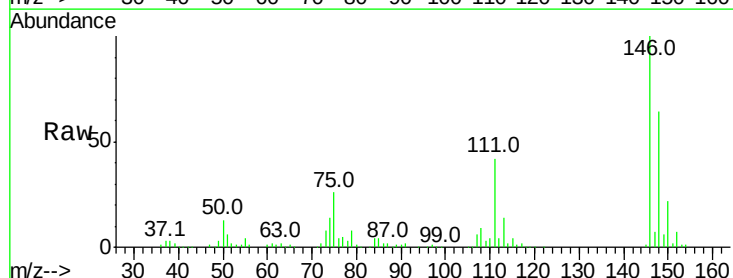
RT: 6.96 min Scan# 829

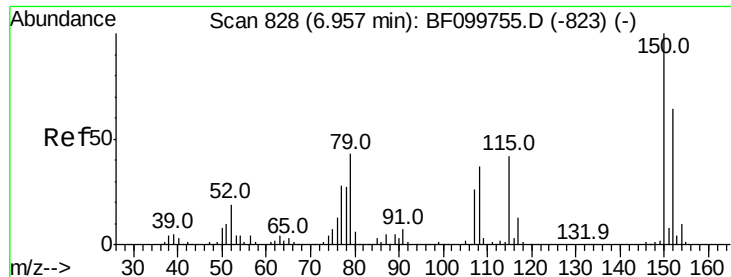
Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:	146	Resp:	201147
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
111	42.0	36.0	54.0





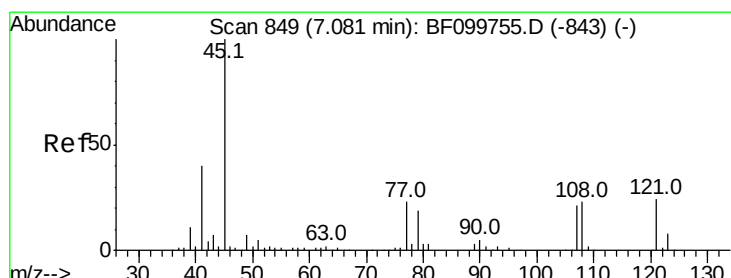
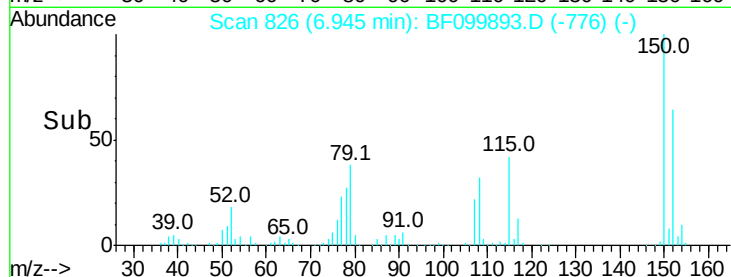
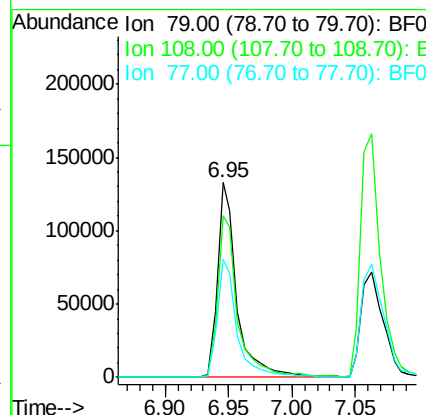
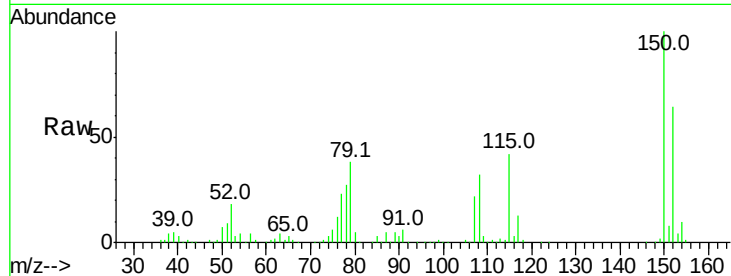
#15
Benzyl Alcohol
Concen: 32.595 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.1	97.7
77	60.8	50.6	75.8

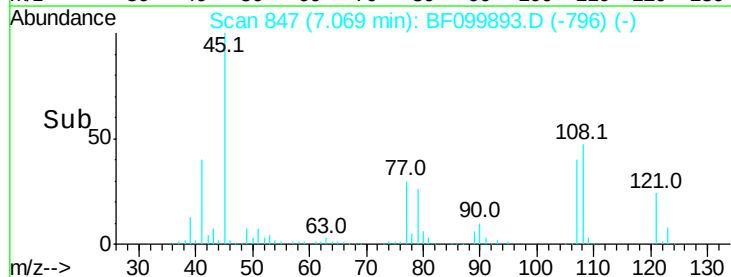
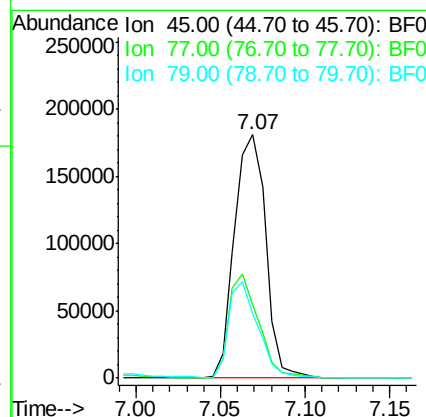
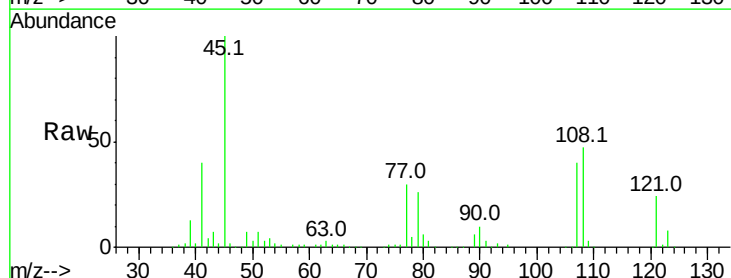
Manual Integrations
APPROVED

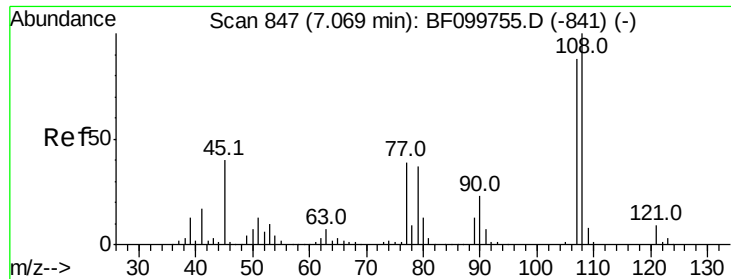
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.816 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.1	0.0	32.9
79	26.3	0.0	29.6





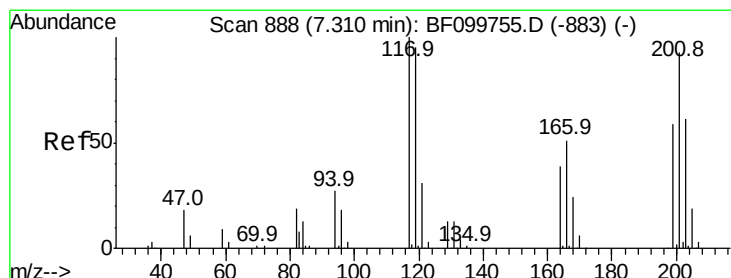
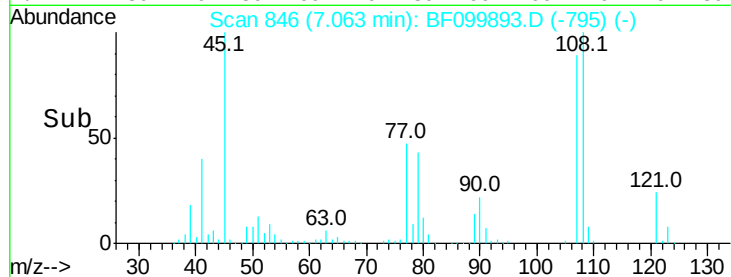
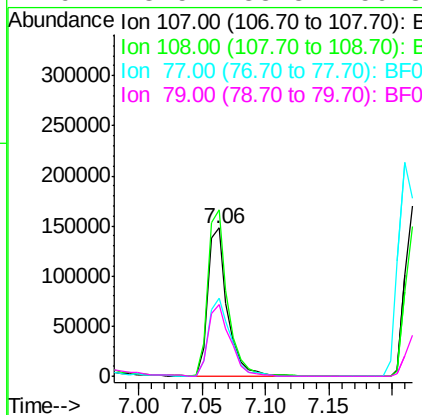
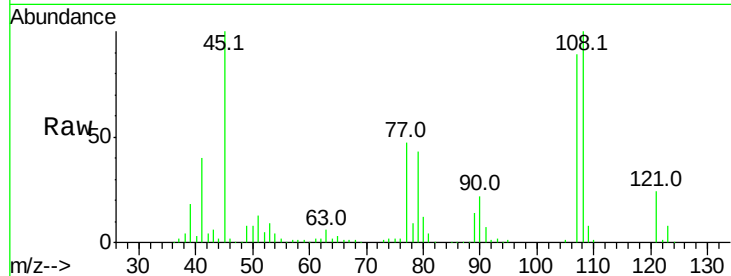
#17
2-Methylphenol
Concen: 30.960 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	52.4	33.8	50.8#
79	48.5	33.8	50.8

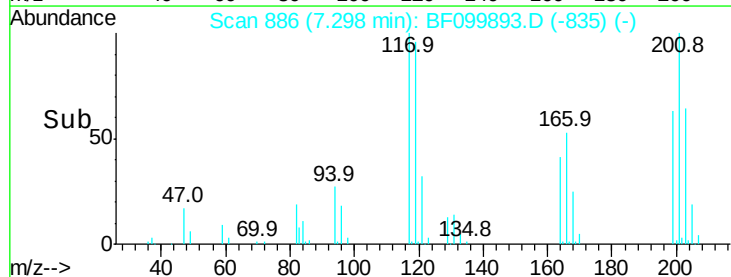
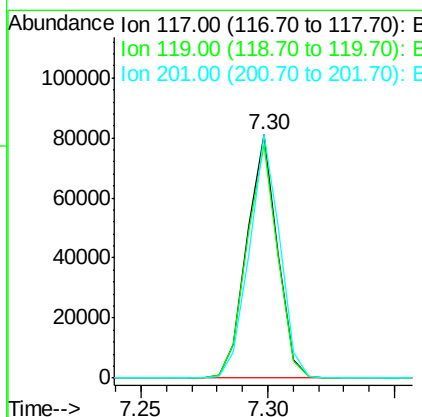
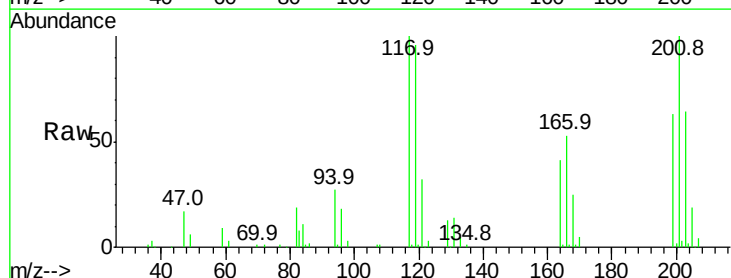
Manual Integrations
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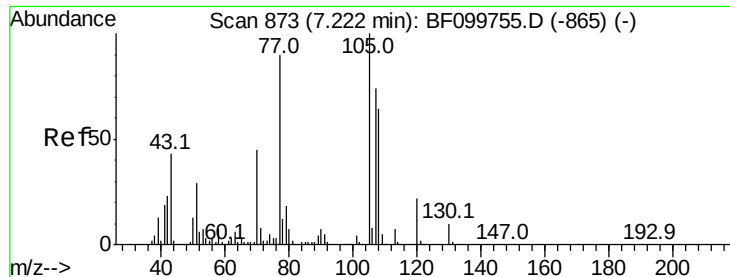
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#18
Hexachloroethane
Concen: 28.566 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	99.9	75.7	113.5





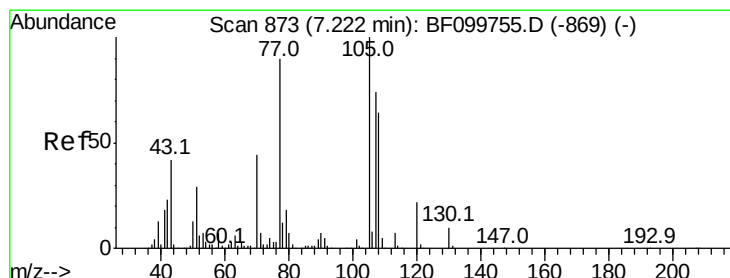
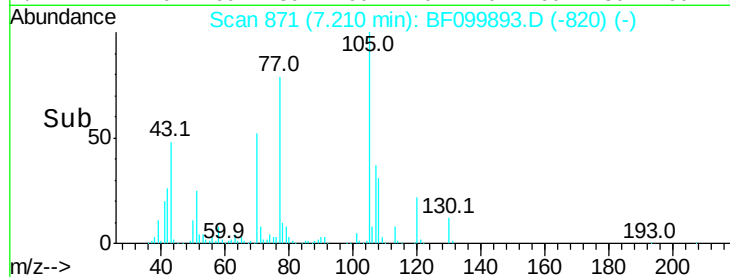
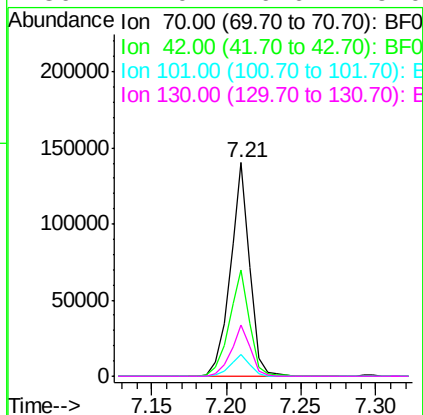
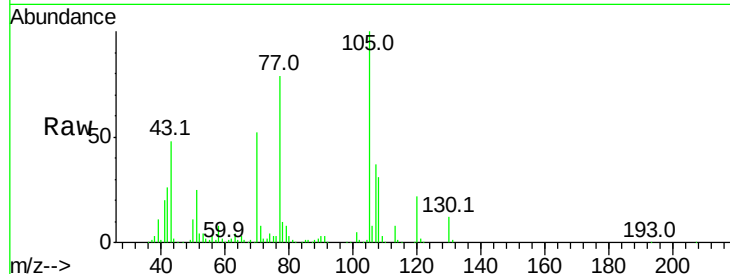
#19
n-Nitroso-di-n-propylamine
Concen: 31.474 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	47.5	71.3	
101	10.2	7.4	11.2	
130	24.0	16.6	25.0	

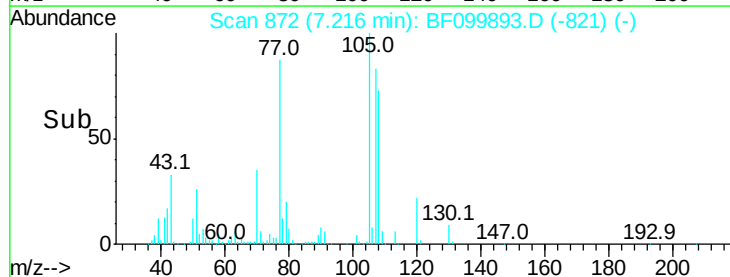
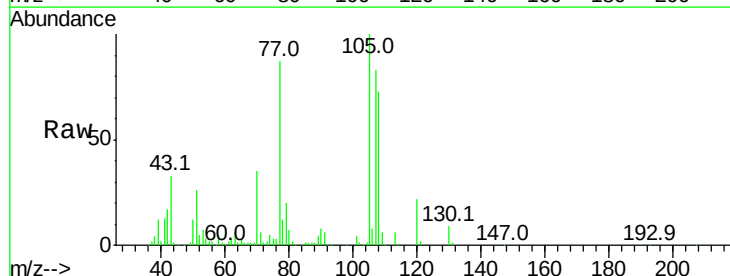
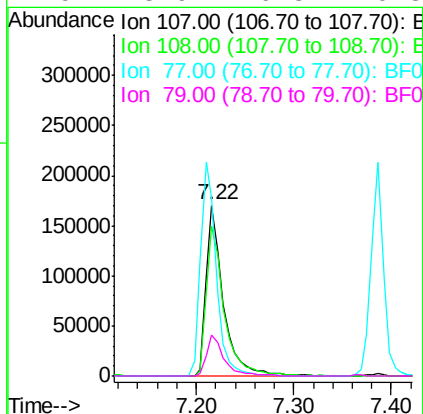
Manual Integrations
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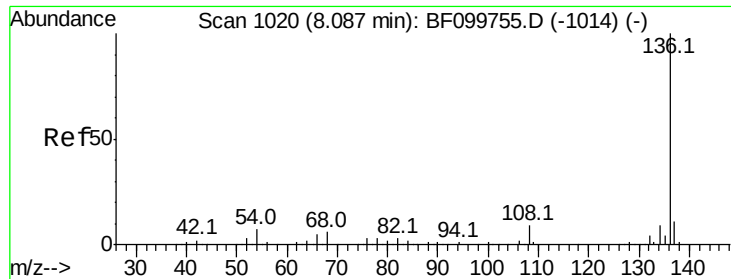
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#20
3+4-Methylphenols
Concen: 34.538 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	68.2	108.2	
77	104.1	26.7	66.7#	
79	23.9	6.3	46.3	





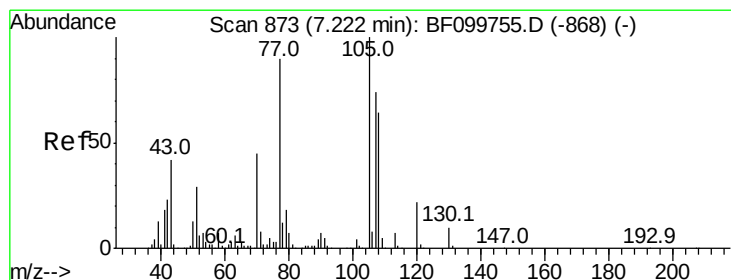
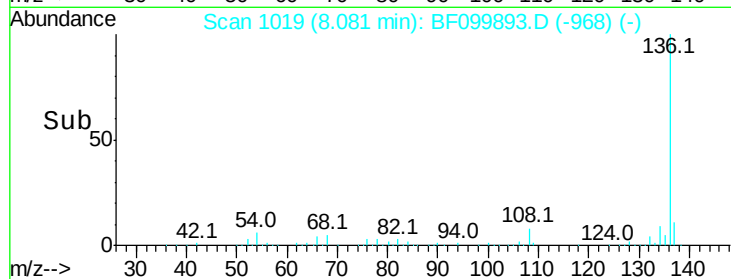
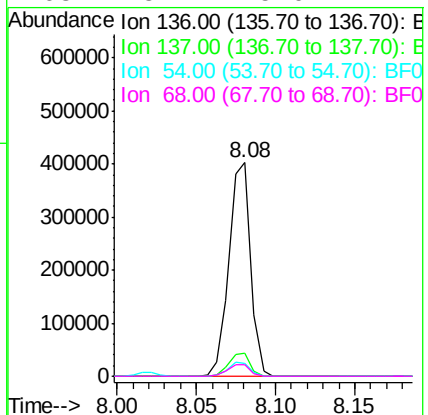
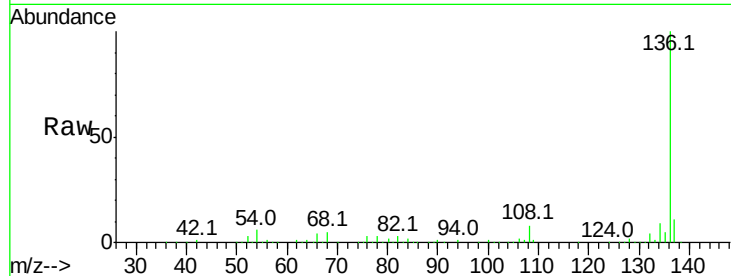
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	5.8	6.6	9.8	
68	5.4	5.0	7.4	

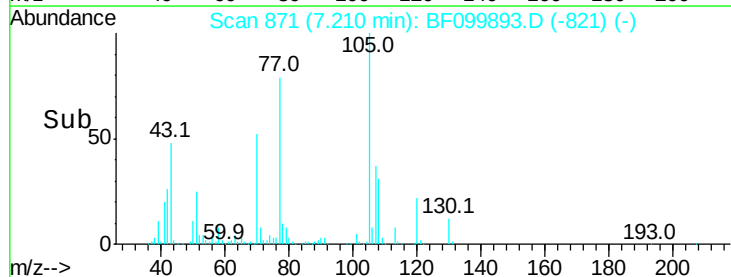
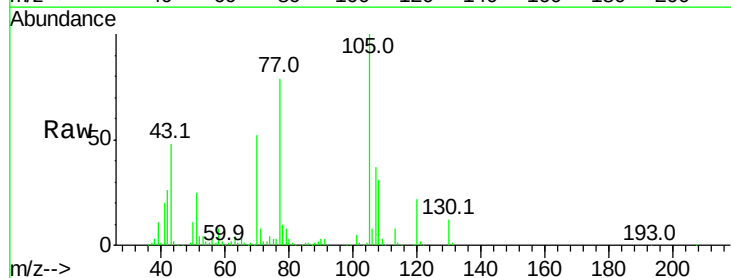
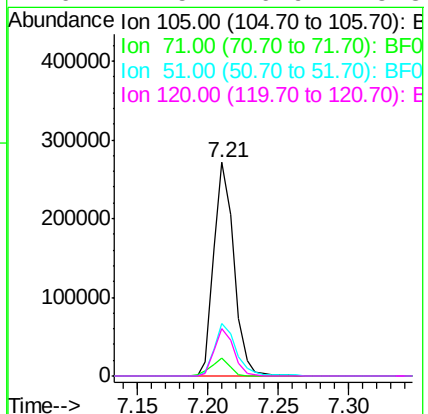
Manual Integrations
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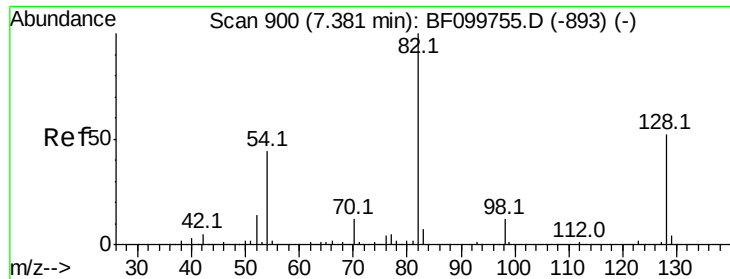
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#22
Acetophenone
Concen: 30.968 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6	
51	24.8	22.3	33.5	
120	22.5	16.9	25.3	





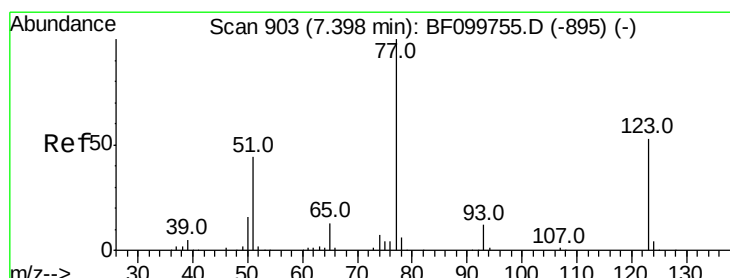
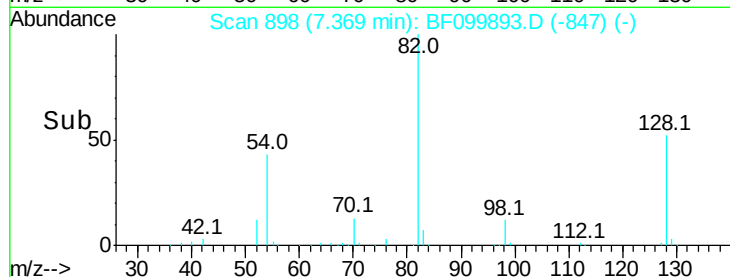
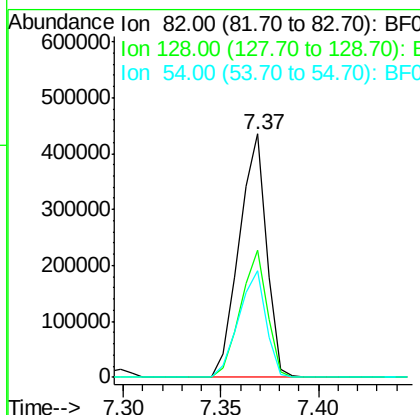
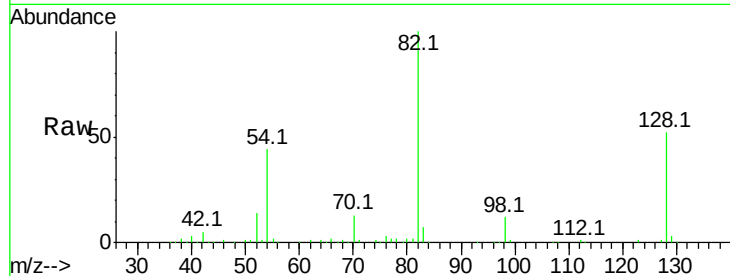
#23
 Nitrobenzene-d5
 Concen: 71.380 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.1	36.1	54.1
54	43.6	41.4	62.2

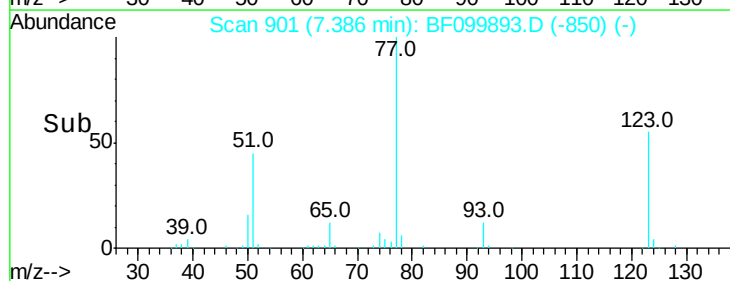
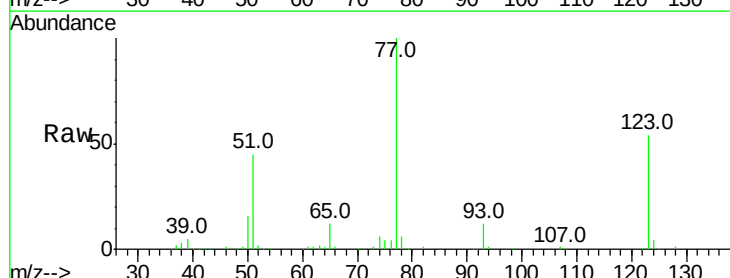
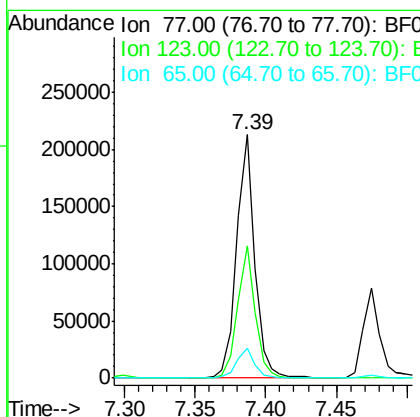
Manual Integrations
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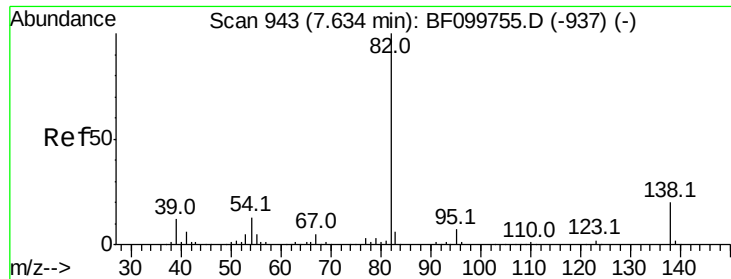
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#24
 Nitrobenzene
 Concen: 32.046 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.4	37.9	56.9
65	12.1	11.0	16.4





#25

Isophorone

Concen: 33.314 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

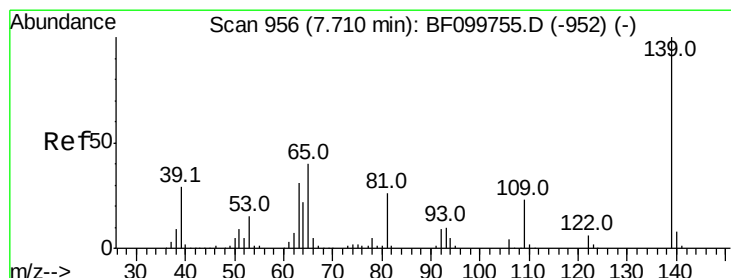
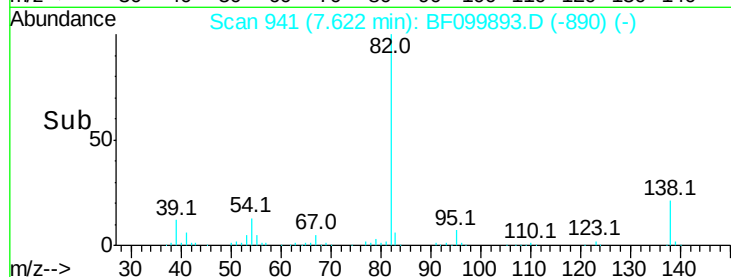
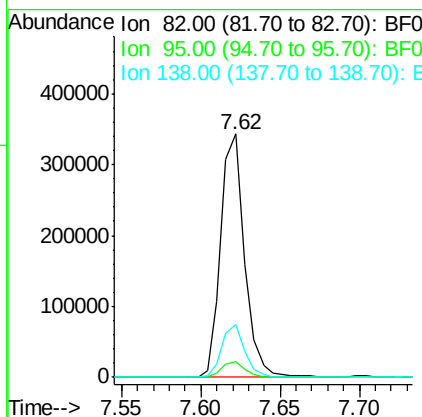
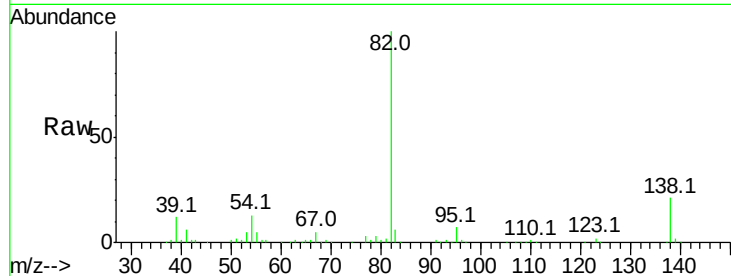
ClientSampleId :

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

Tot Ion:	82	Resp:	358688
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	21.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.556 ng

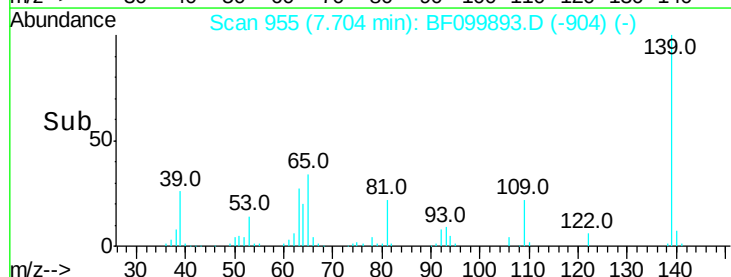
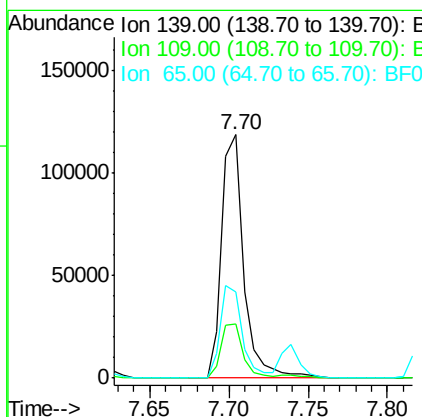
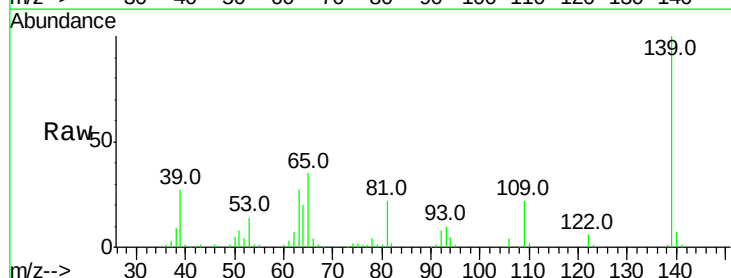
RT: 7.70 min Scan# 955

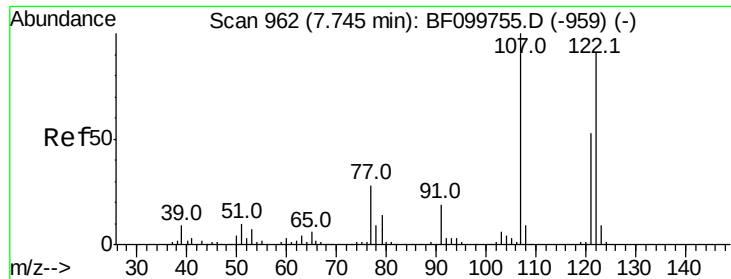
Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:	139	Resp:	114905
Ion Ratio		Lower	Upper
139	100		
109	22.5	22.7	34.1#
65	35.3	40.5	60.7#





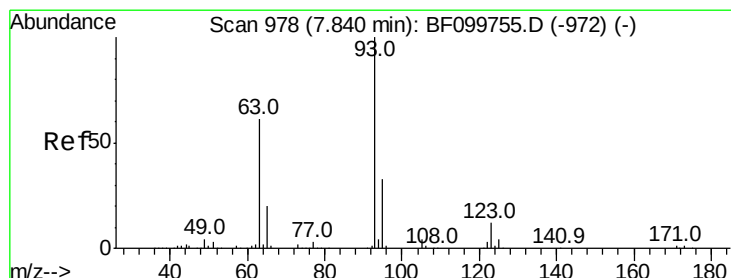
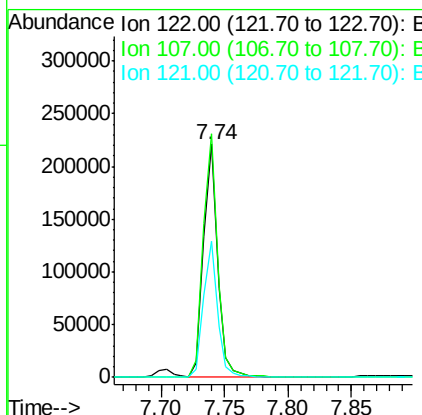
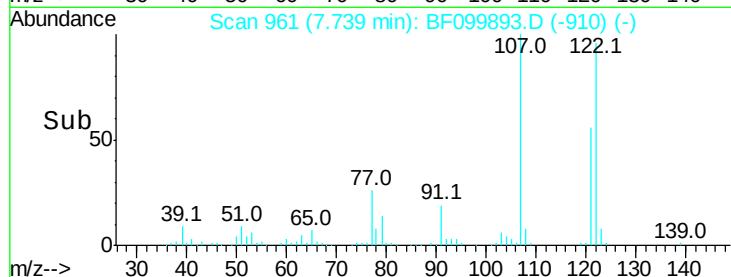
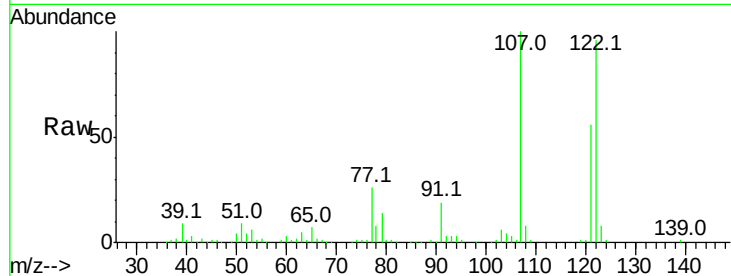
#27
 2,4-Dimethylphenol
 Concen: 34.212 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		172611		
107	104.5	91.2	136.8		
121	58.3	47.2	70.8		

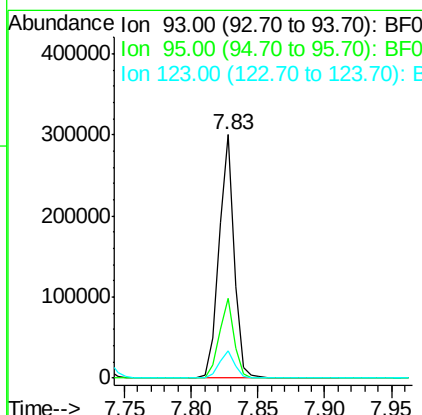
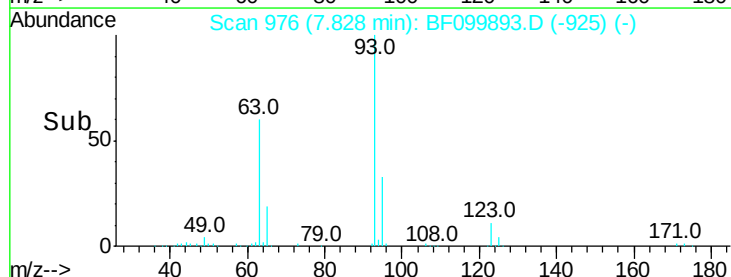
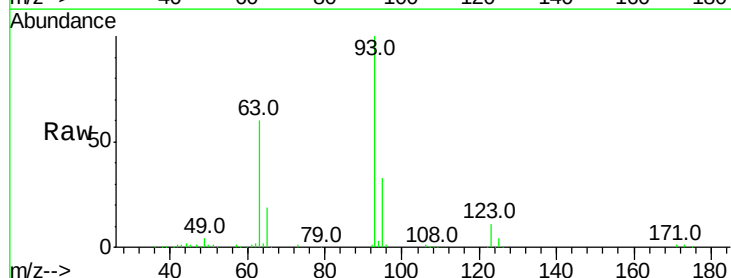
Manual Integrations
 APPROVED

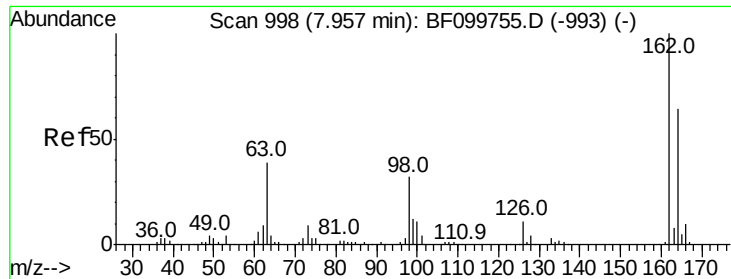
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.937 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		240822		
95	32.8	26.3	39.5		
123	11.2	9.8	14.6		





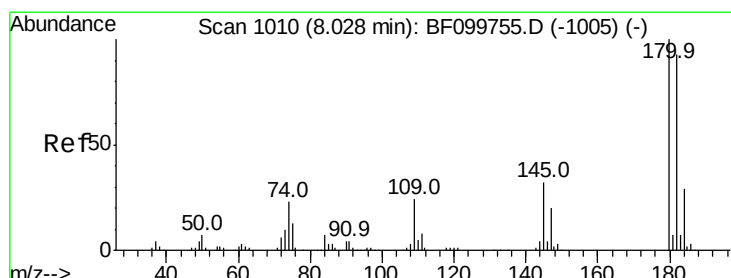
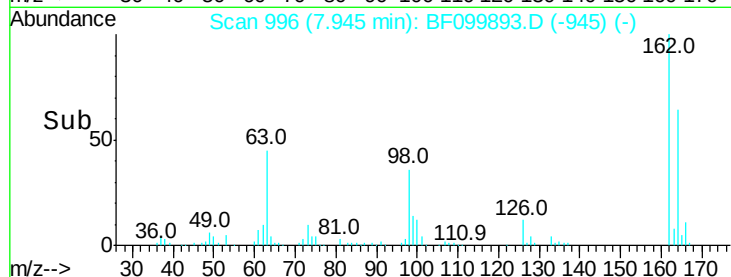
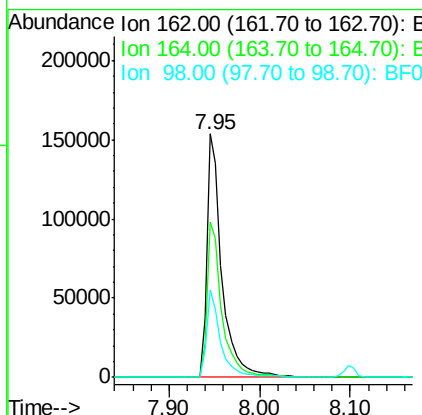
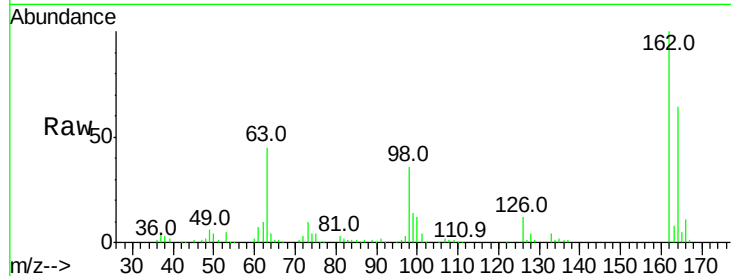
#29
 2,4-Dichlorophenol
 Concen: 34.067 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	178554		
164	64.0	42.7	82.7	
98	35.8	18.1	58.1	

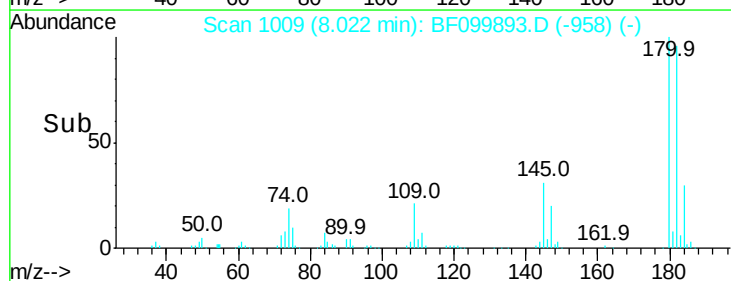
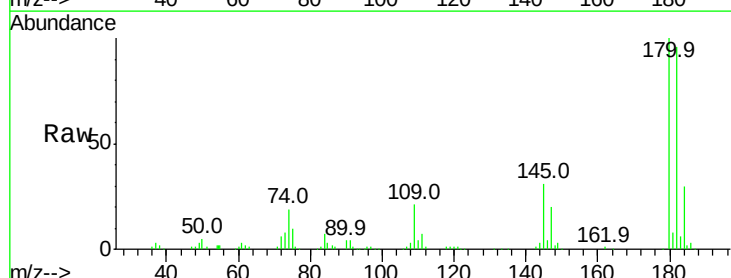
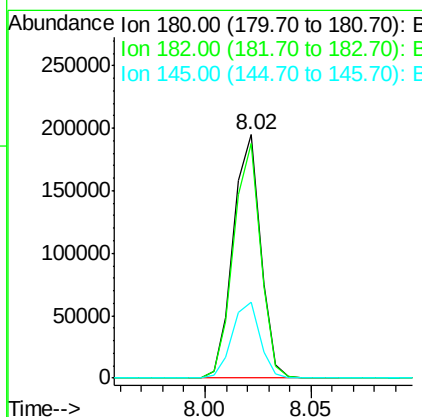
Manual Integrations
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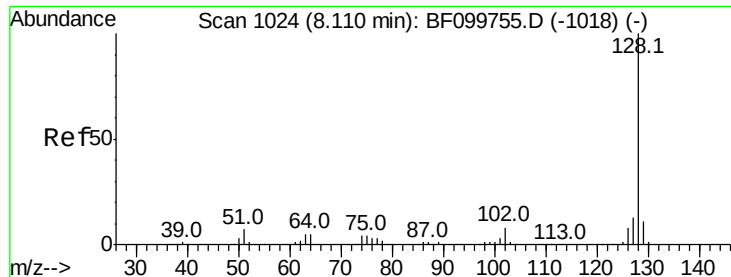
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.240 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174945		
182	96.5	76.8	115.2	
145	31.2	26.5	39.7	





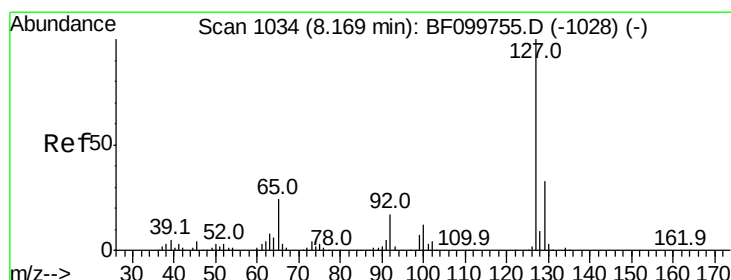
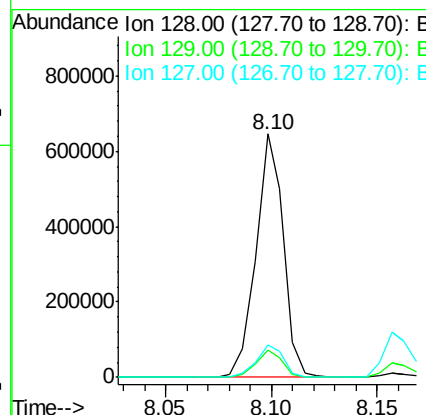
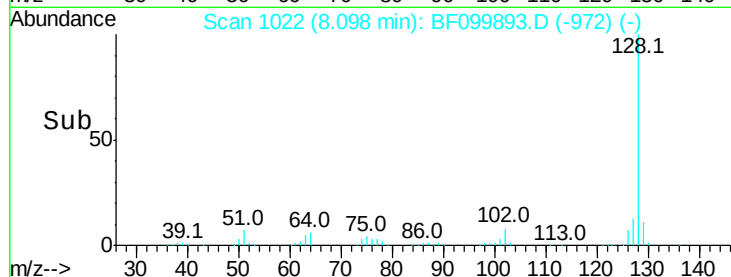
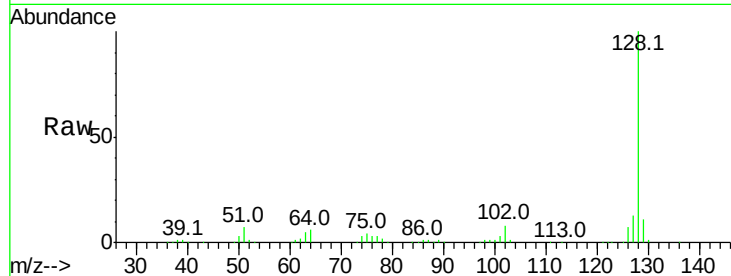
#31
Naphthalene
Concen: 31.592 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	582554		
129	11.3		8.8	13.2
127	13.1		10.9	16.3

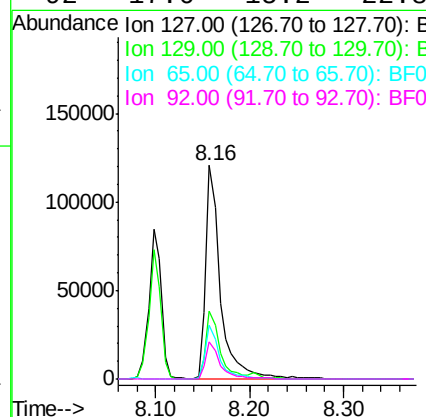
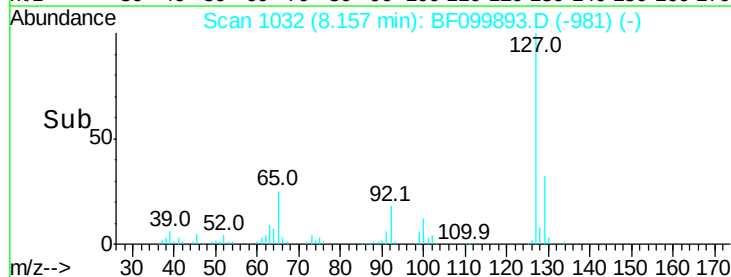
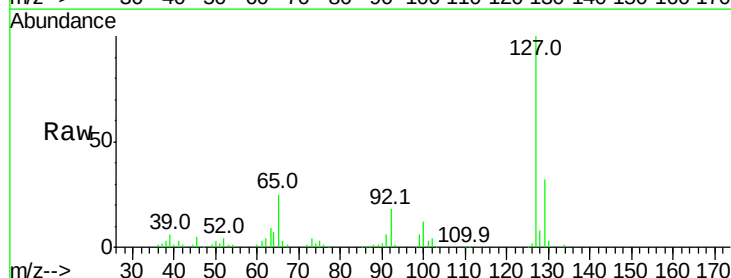
Manual Integrations
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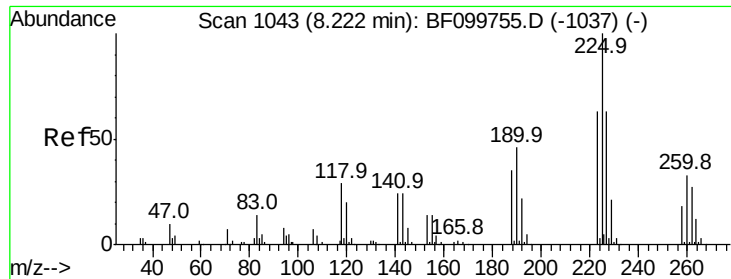
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#33
4-Chloroaniline
Concen: 17.509 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	133320		
129	31.7		25.9	38.9
65	25.0		25.0	37.4
92	17.6		15.2	22.8





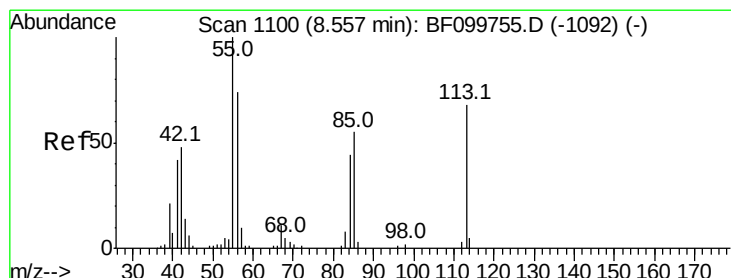
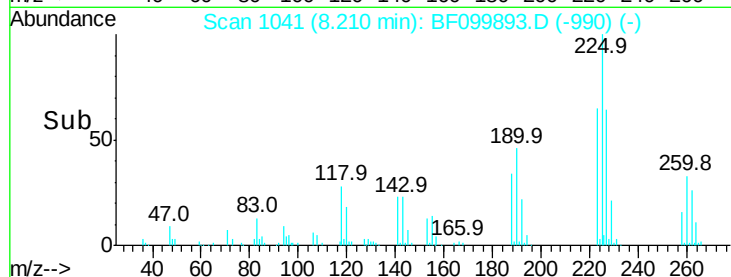
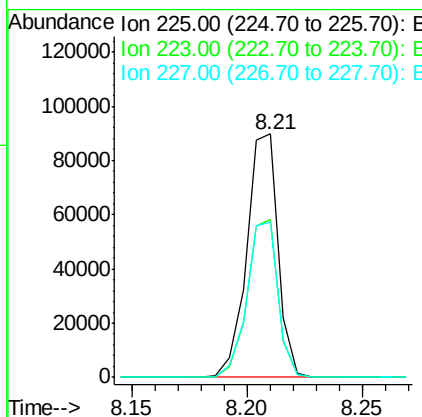
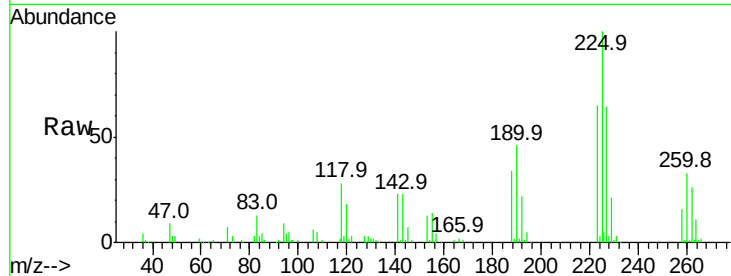
#34
Hexachlorobutadiene
Concen: 29.552 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion:	225	Resp:	85125
Ion Ratio	Lower	Upper	
225	100		
223	64.7	50.6	76.0
227	63.6	51.9	77.9

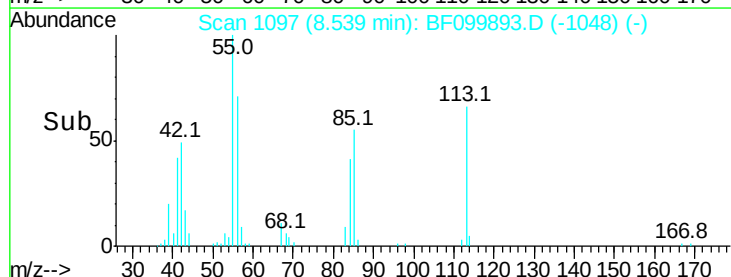
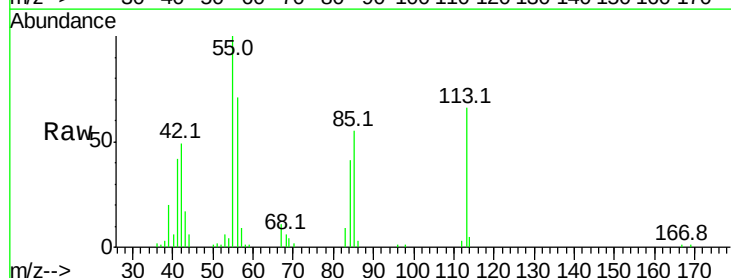
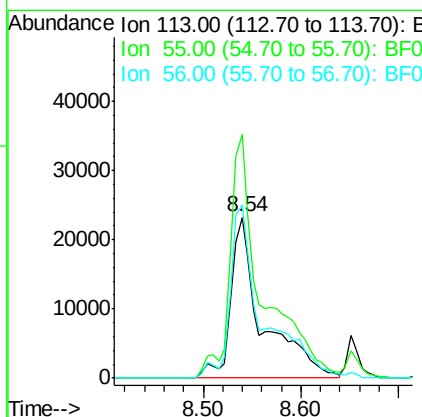
Manual Integrations
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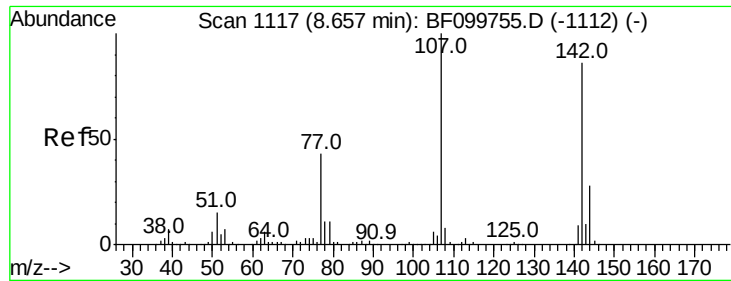
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#35
Caprolactam
Concen: 32.101 ng m
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion:	113	Resp:	52910
Ion Ratio	Lower	Upper	
113	100		
55	151.5	163.3	203.3#
56	107.5	115.7	155.7#





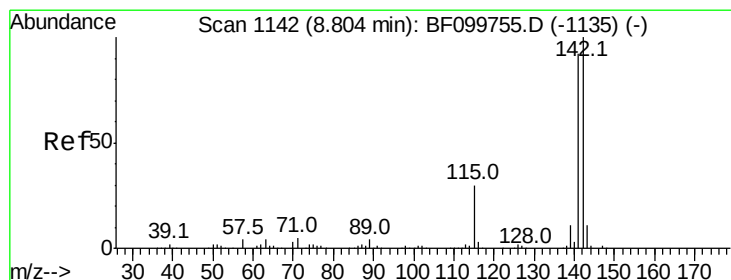
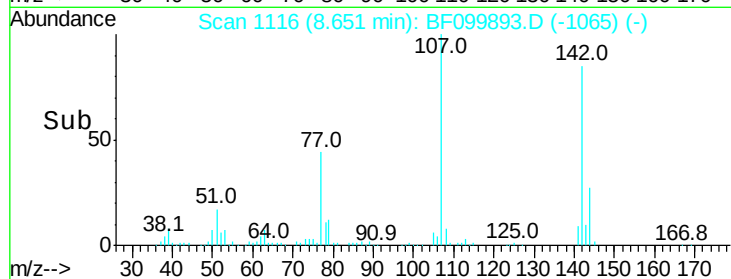
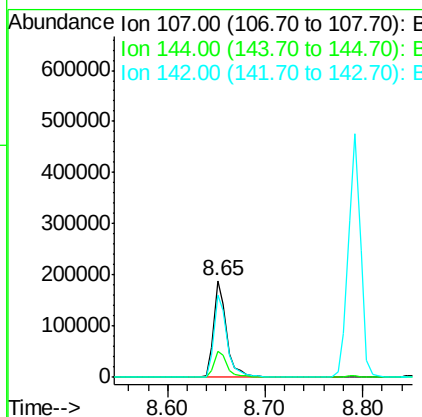
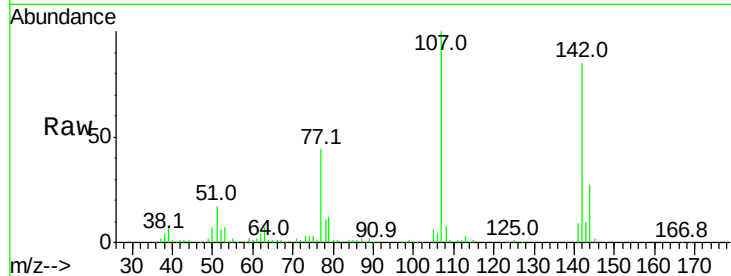
#36
4-Chloro-3-methylphenol
Concen: 32.672 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	84.7	62.0	93.0

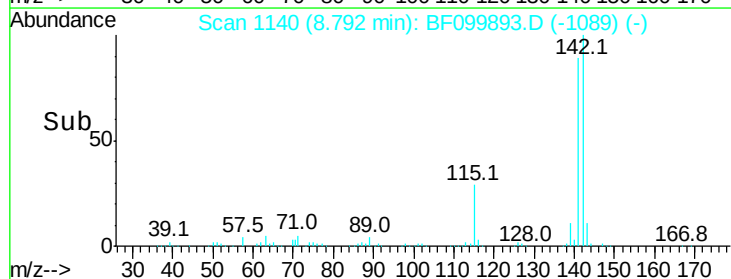
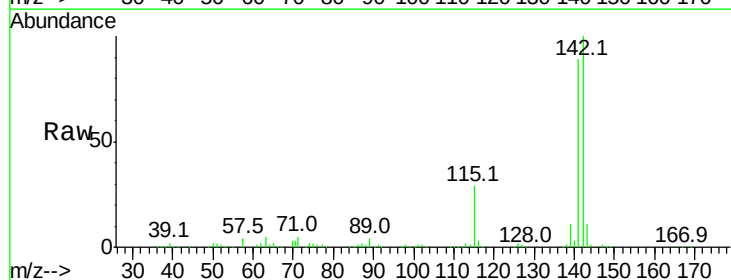
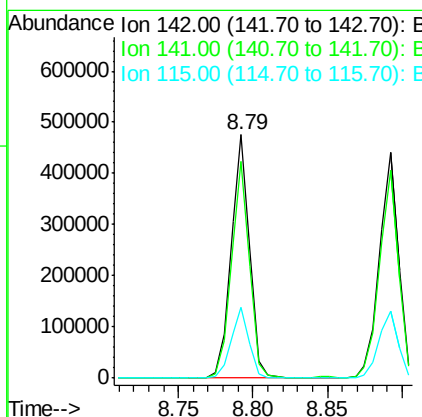
Manual Integrations
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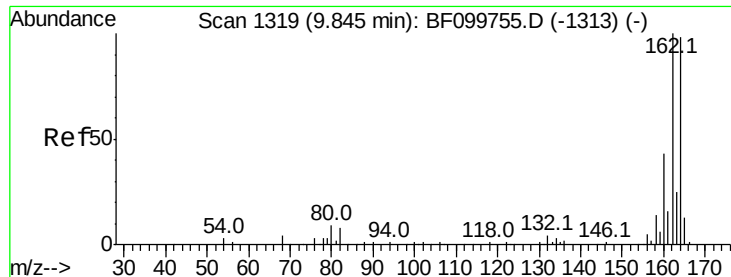
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#37
2-Methylnaphthalene
Concen: 33.420 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	29.3	26.1	39.1





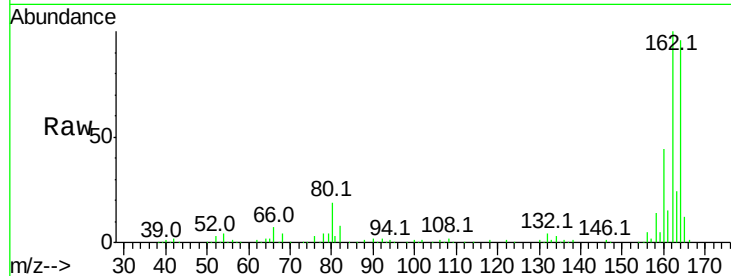
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.7	38.3	57.5

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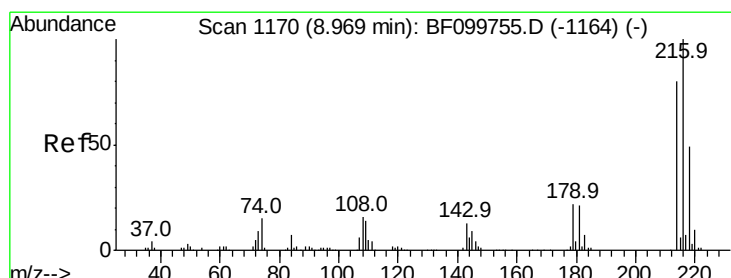
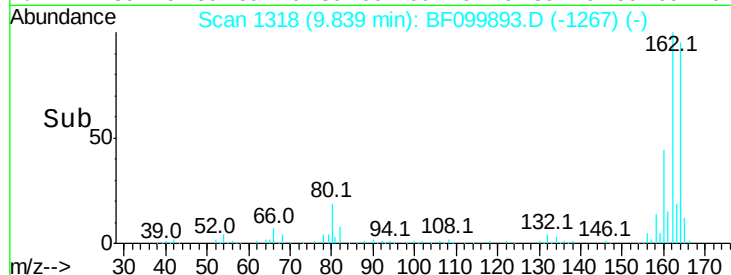
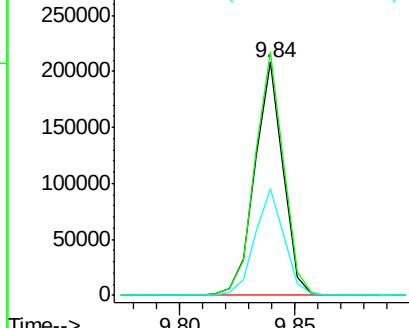


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.516 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	21.1	18.1	27.1
108	17.4	17.2	25.8

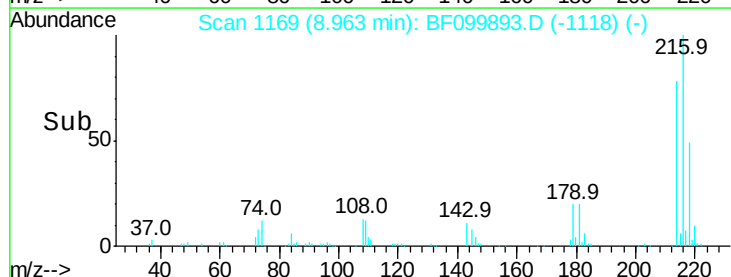
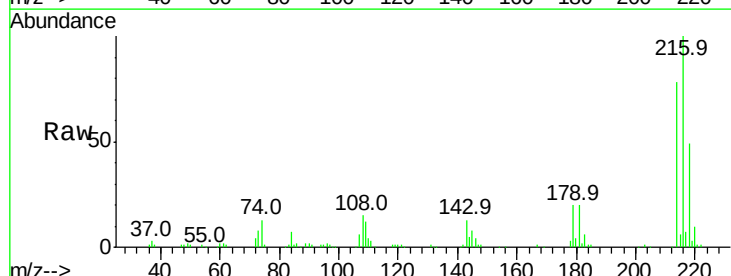
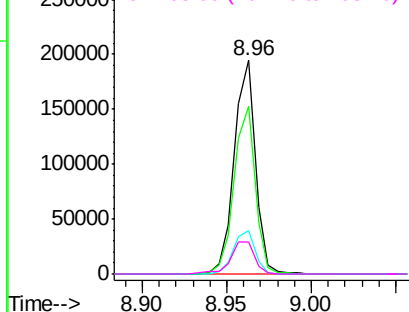
Abundance

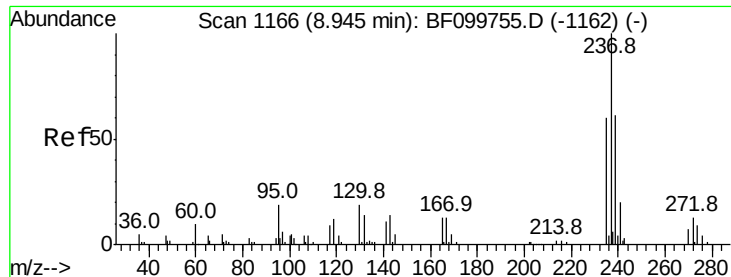
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





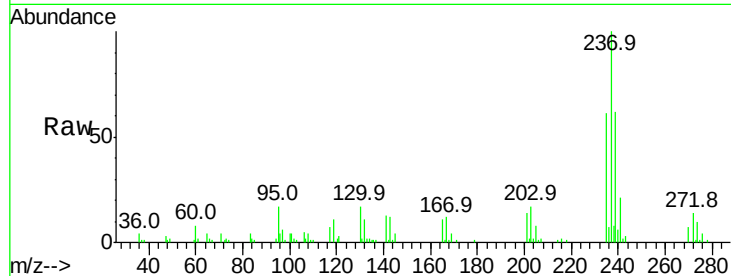
#40
Hexachlorocyclopentadiene
Concen: 41.927 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

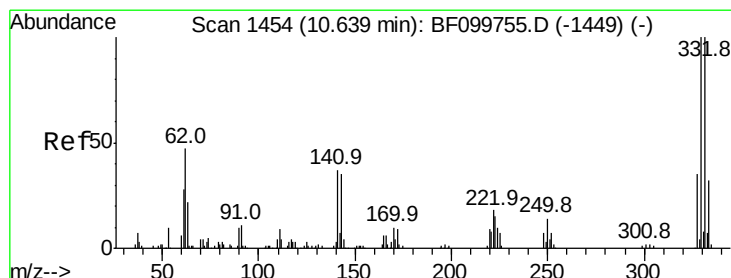
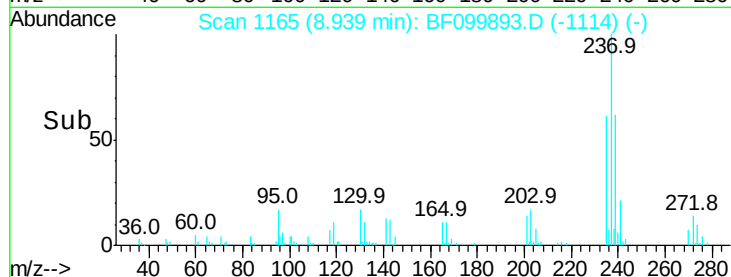
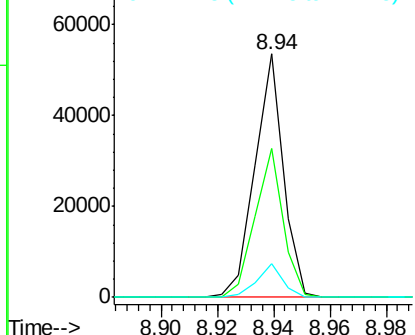
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	44.8	84.8
272	14.1	0.0	33.3

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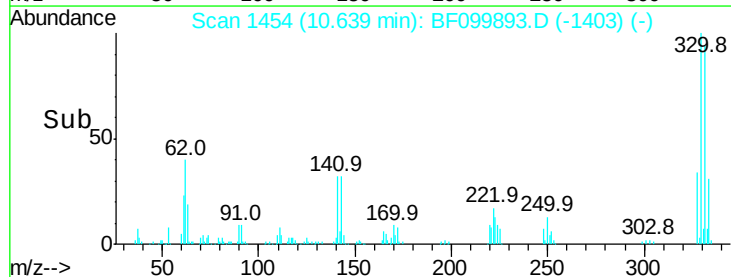
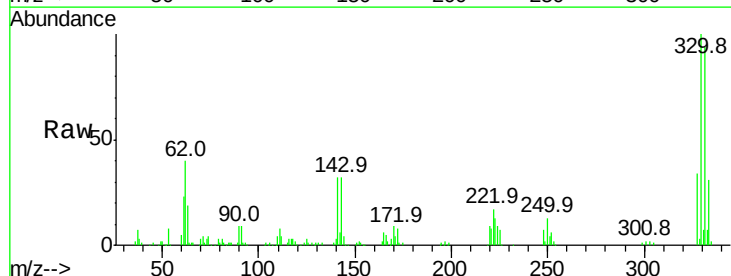
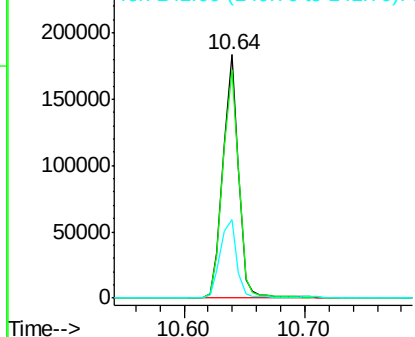
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

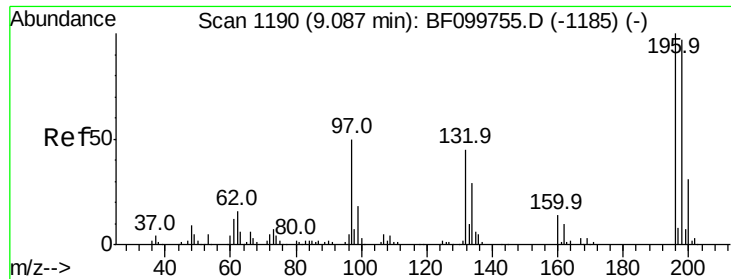


#41
2,4,6-Tribromophenol
Concen: 102.826 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.0	29.9	44.9

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





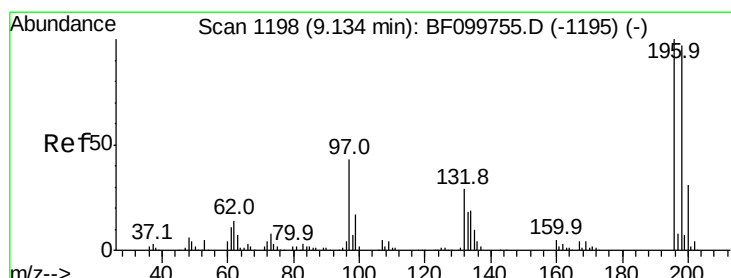
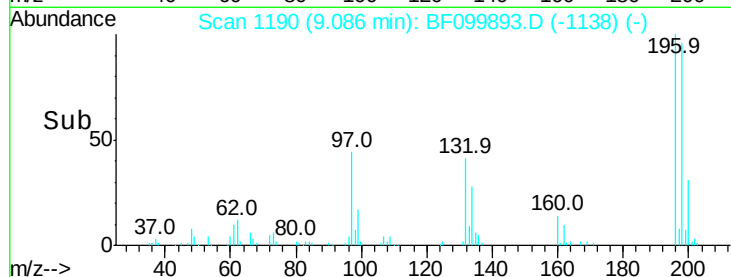
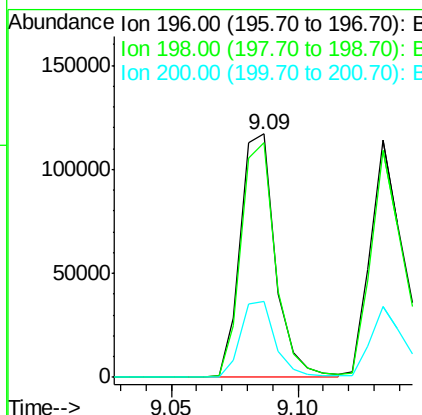
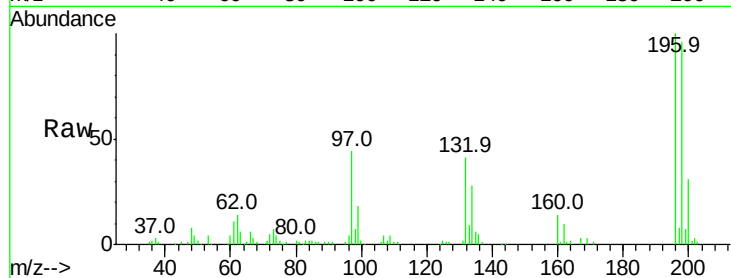
#42
2,4,6-Trichlorophenol
Concen: 32.626 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112790		
198	96.4	75.7	113.5	
200	31.1	24.5	36.7	

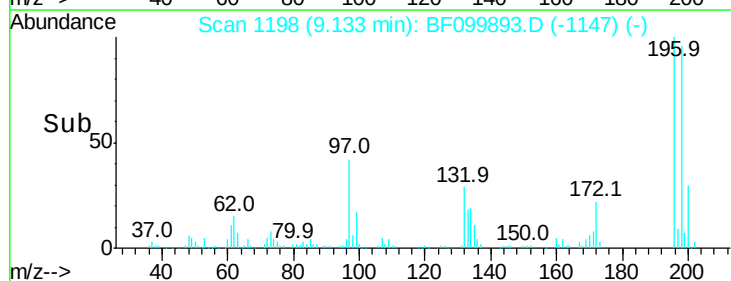
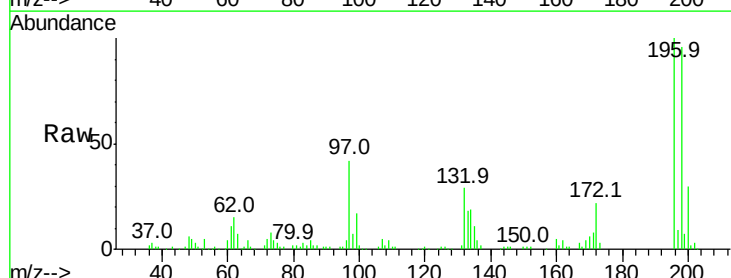
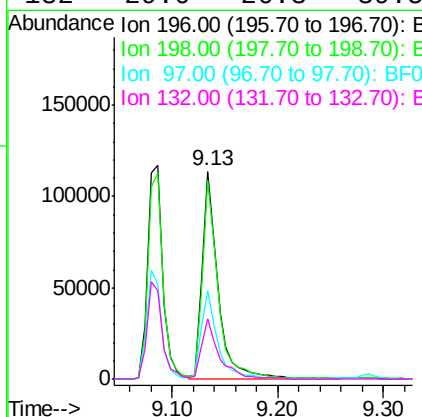
Manual Integrations
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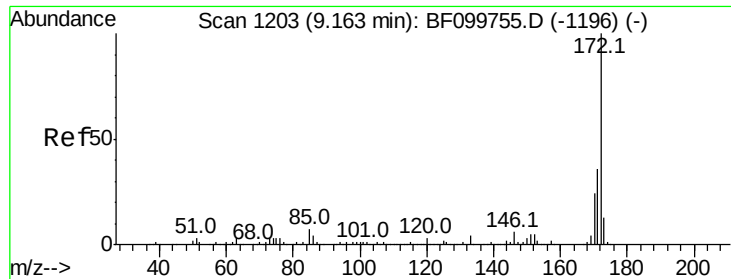
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#43
2,4,5-Trichlorophenol
Concen: 31.740 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116437		
198	95.7	74.6	112.0	
97	42.3	42.9	64.3#	
132	29.0	26.3	39.5	





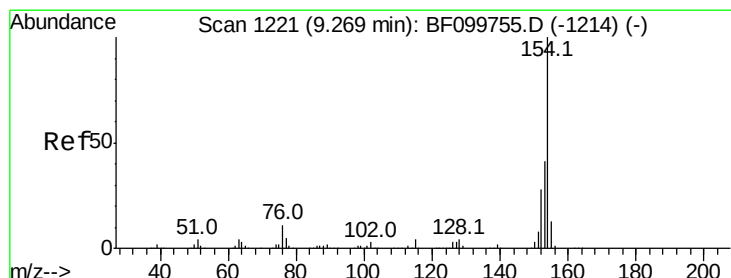
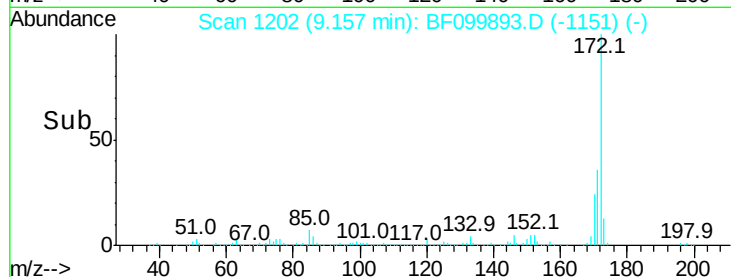
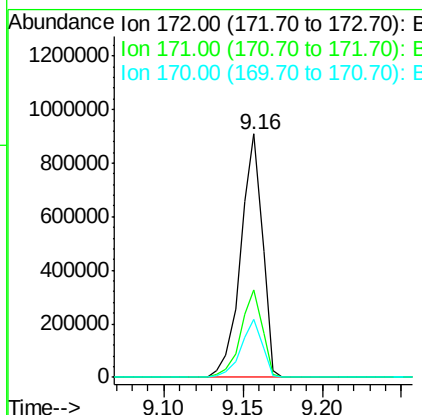
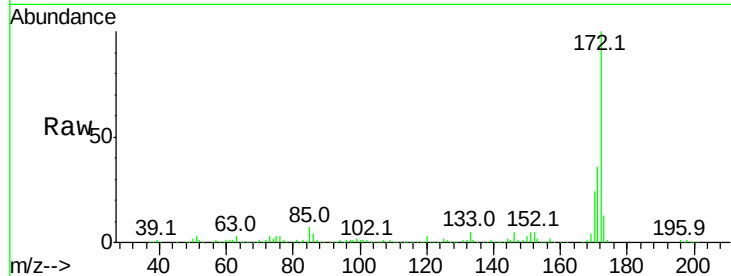
#44
 2-Fluorobiphenyl
 Concen: 74.814 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

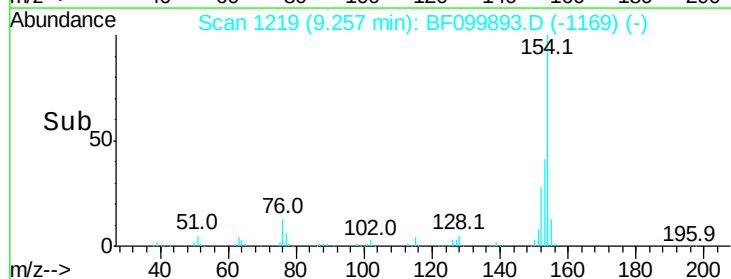
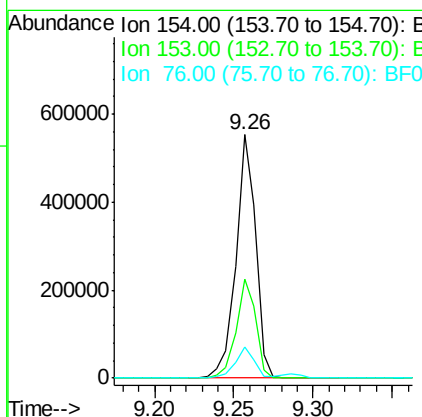
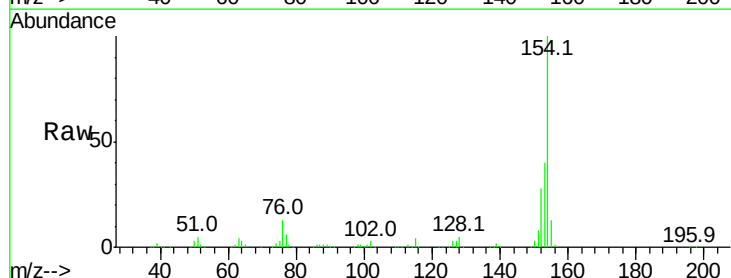
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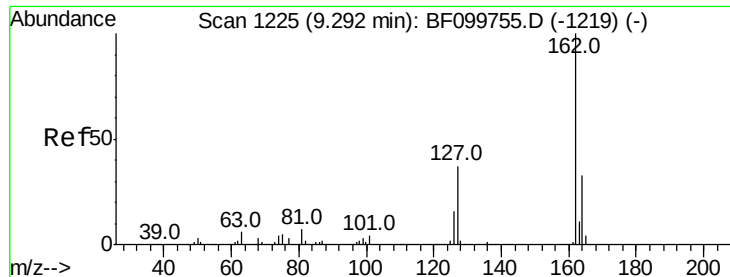
Sohil
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#45
 1,1'-Biphenyl
 Concen: 29.738 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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





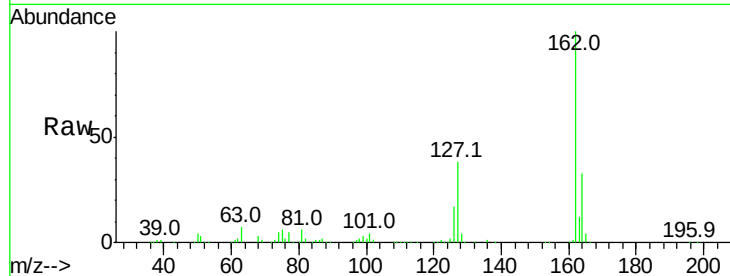
#46
2-Chloronaphthalene
Concen: 32.425 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

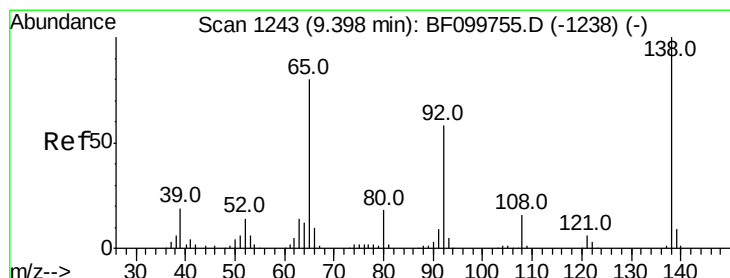
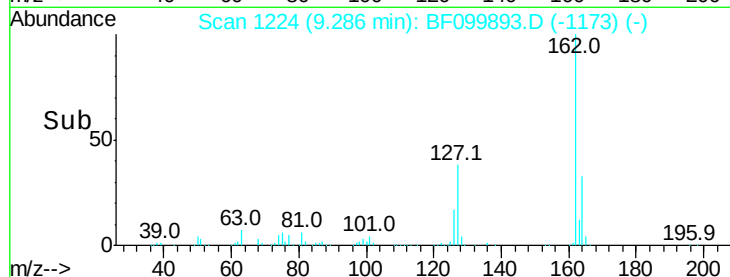
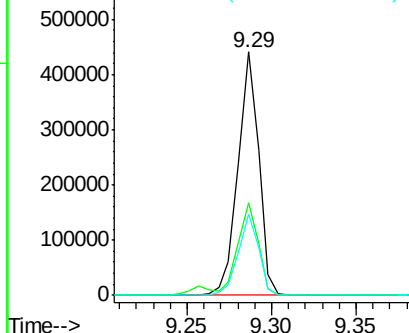
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.9	50.9
164	33.1	26.5	39.7

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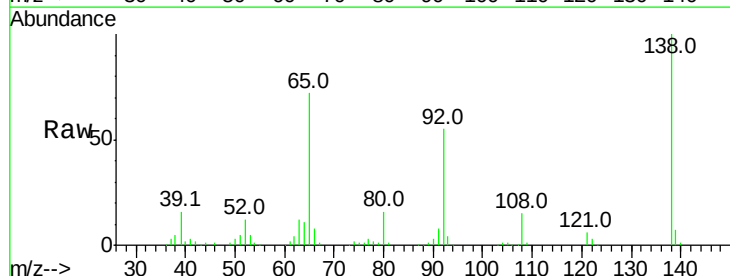


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

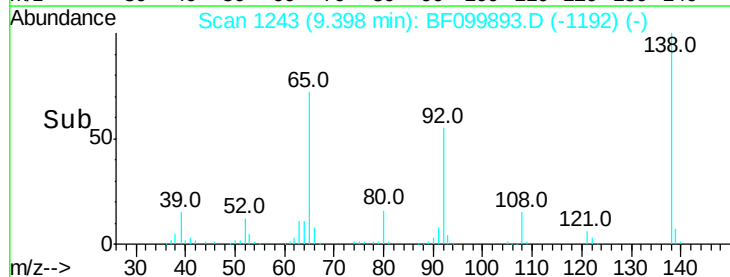
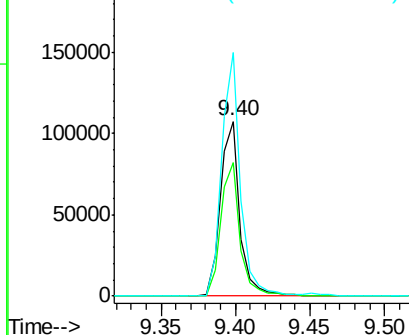


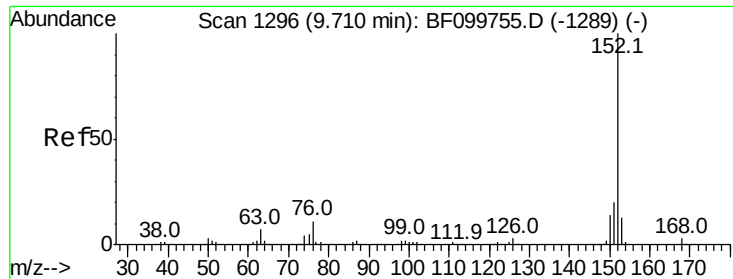
#47
2-Nitroaniline
Concen: 32.469 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	55.8	83.6
138	139.2	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 31.182 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

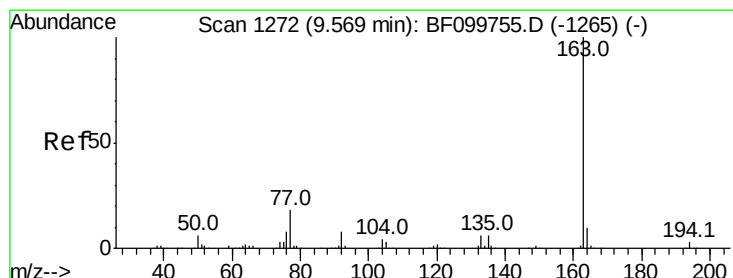
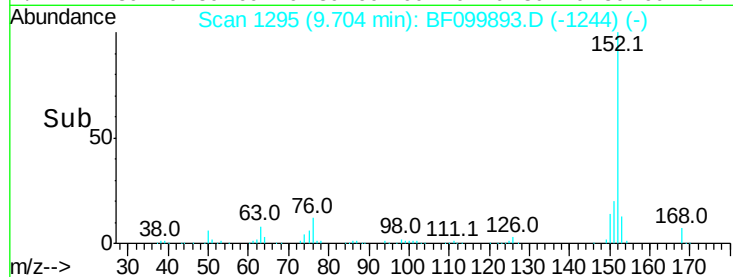
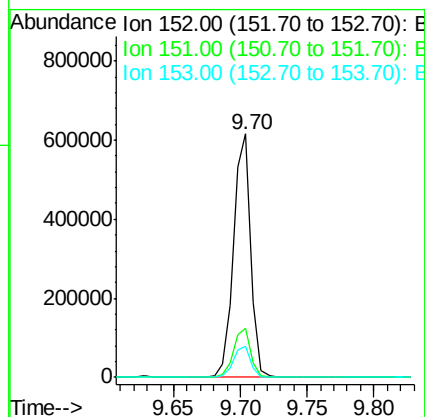
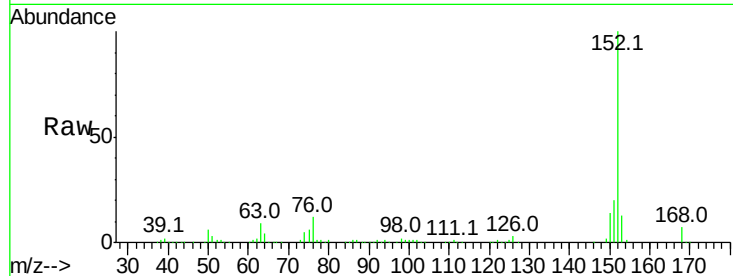
ClientSampleId :

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.8	10.7	16.1

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#49

Dimethylphthalate

Concen: 41.736 ng

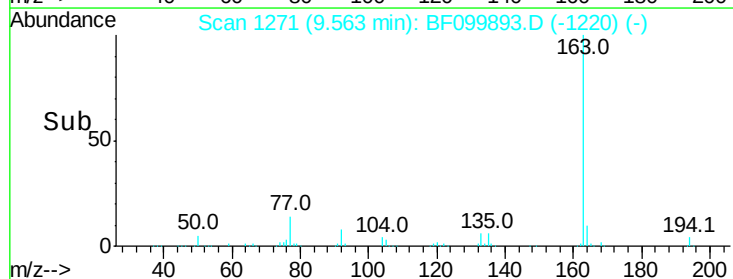
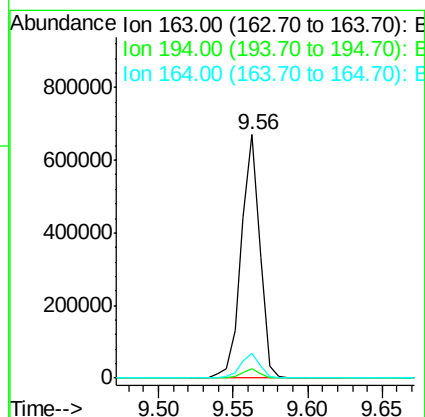
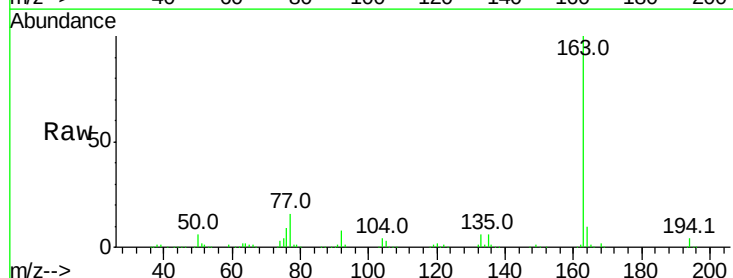
RT: 9.56 min Scan# 1271

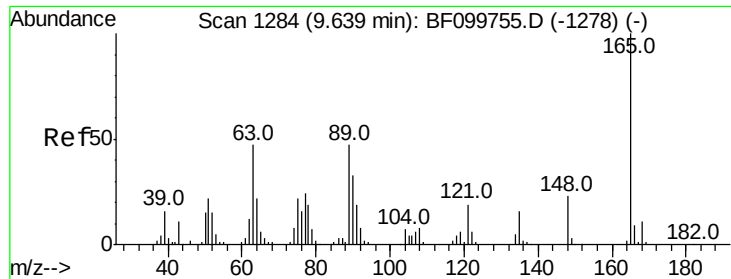
Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 33.095 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

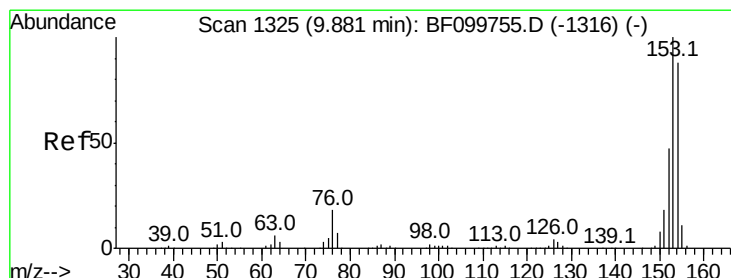
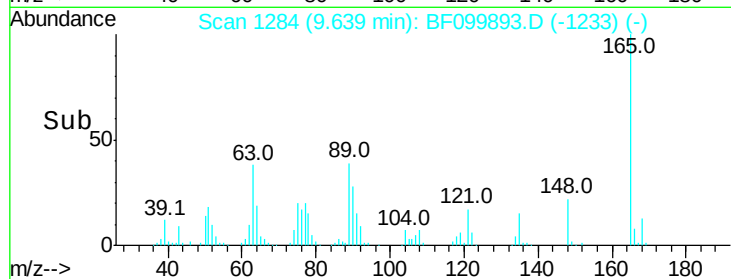
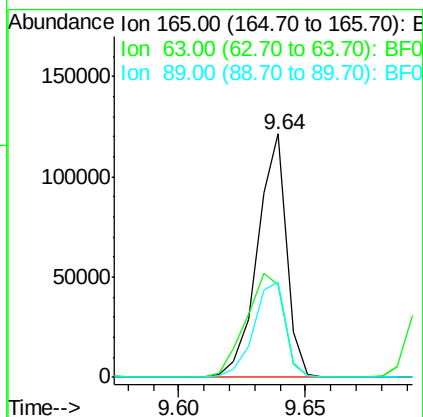
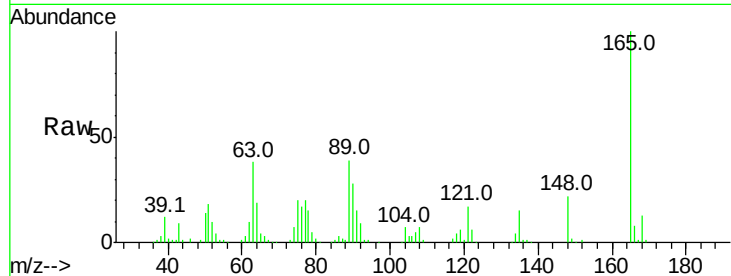
ClientSampleId :

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

Tot Ion:	165	Resp:	97496
Ion Ratio	Lower	Upper	
165	100		
63	38.2	44.7	67.1#
89	39.0	44.0	66.0#

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#51

Acenaphthene

Concen: 30.763 ng

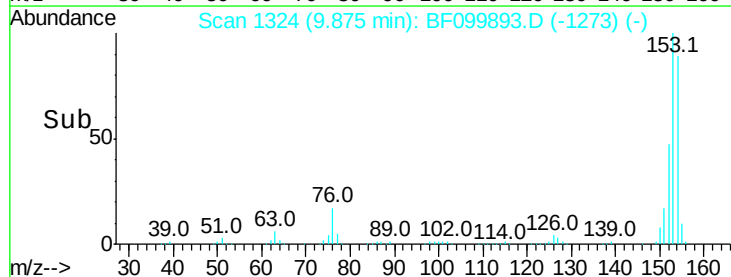
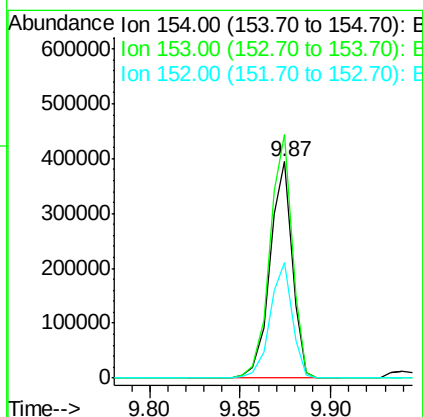
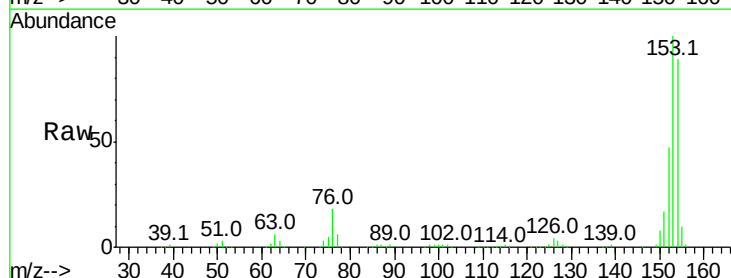
RT: 9.87 min Scan# 1324

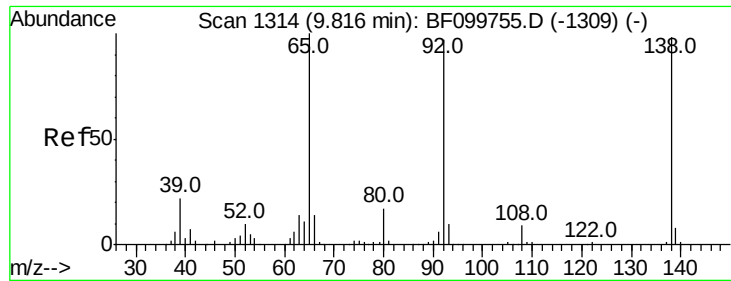
Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:	154	Resp:	336569
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	53.4	43.8	65.8





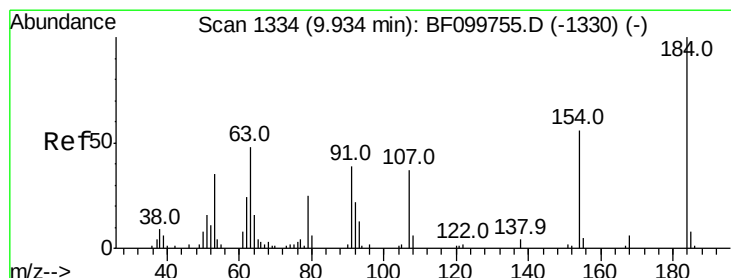
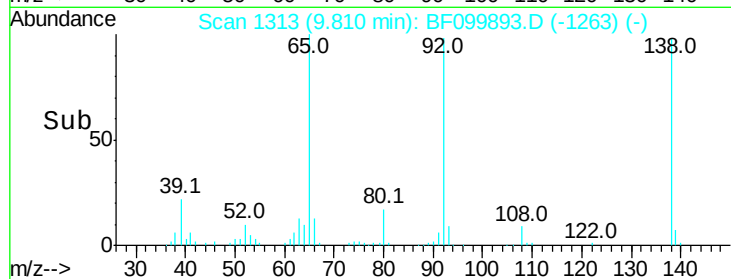
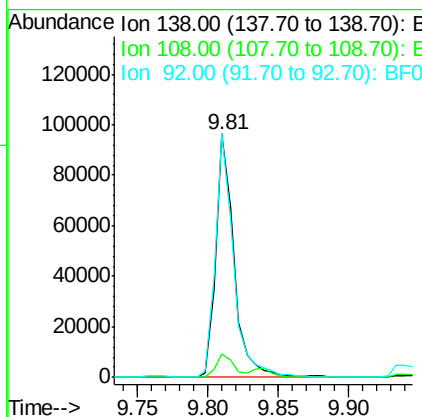
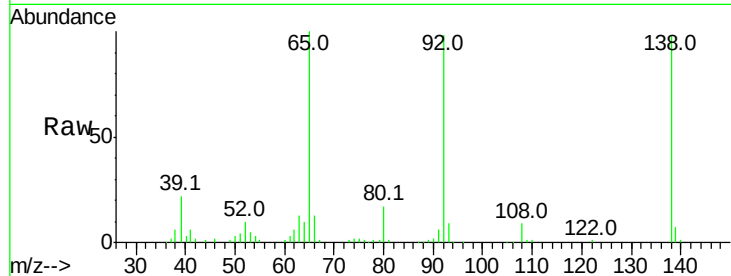
#52
3-Nitroaniline
Concen: 24.907 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	100.1	89.4	134.2

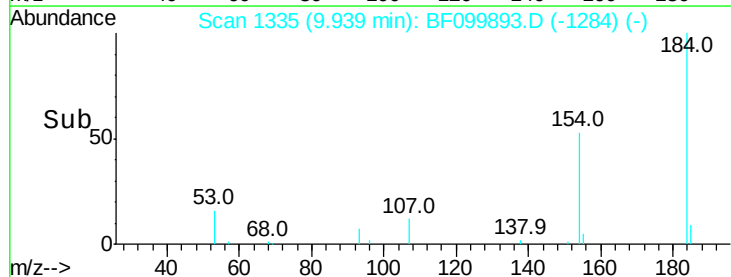
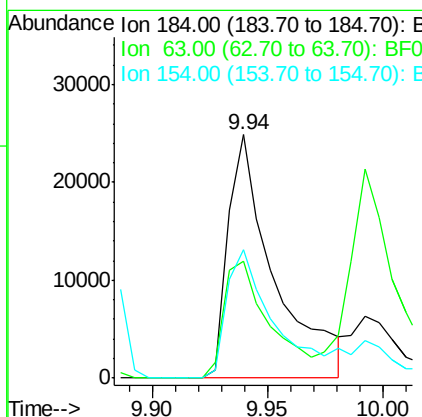
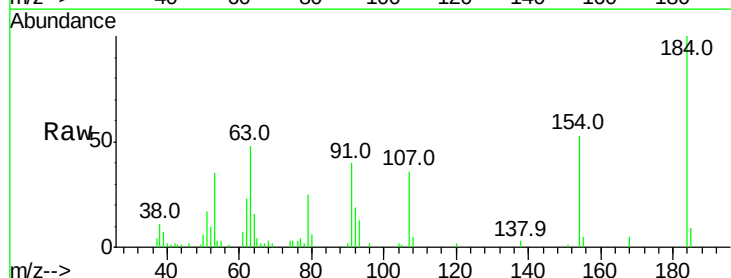
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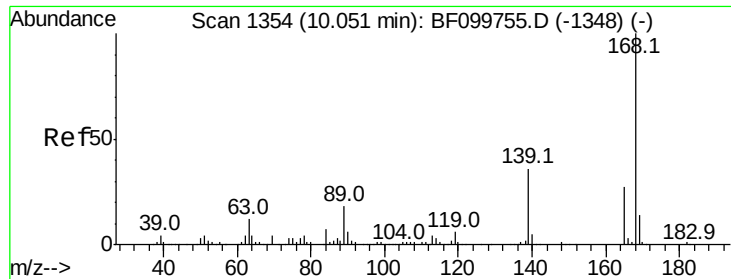
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#53
2,4-Dinitrophenol
Concen: 33.217 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.9	54.2	81.2#
154	52.8	53.5	80.3#





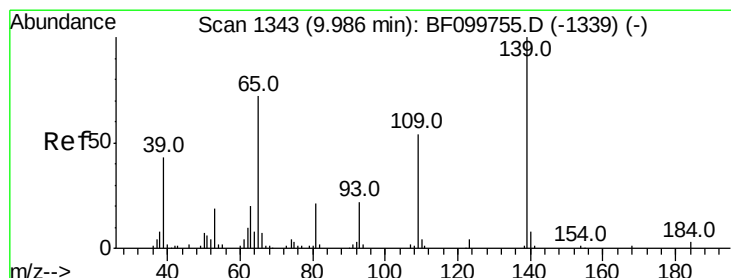
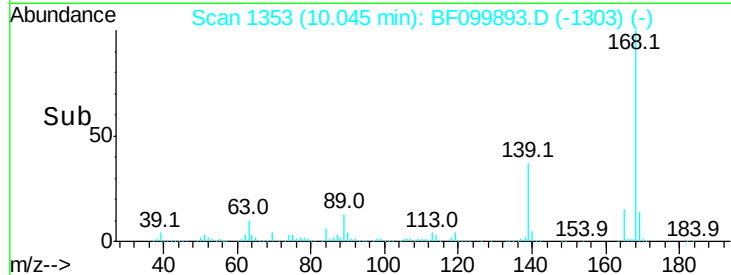
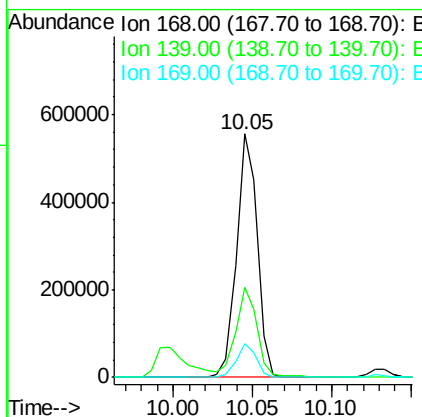
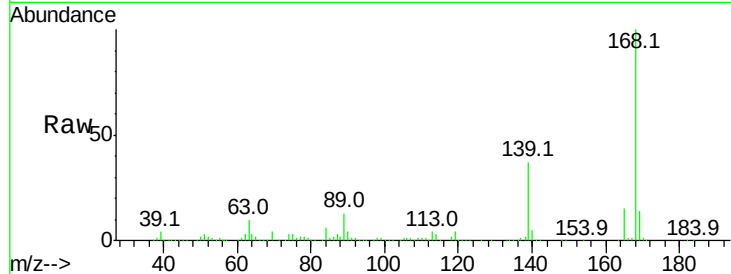
#54
Dibenzenofuran
Concen: 32.351 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.7	10.9	16.3

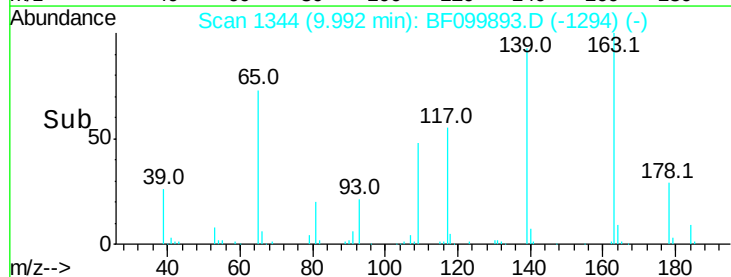
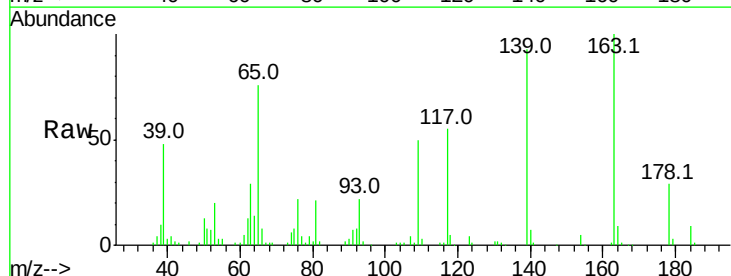
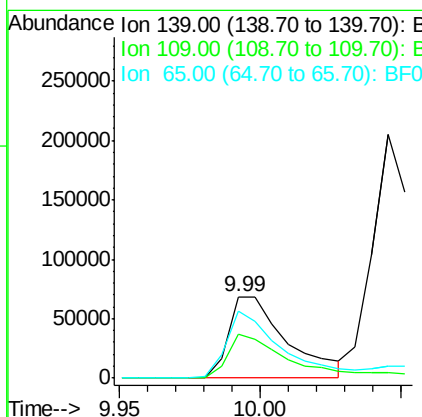
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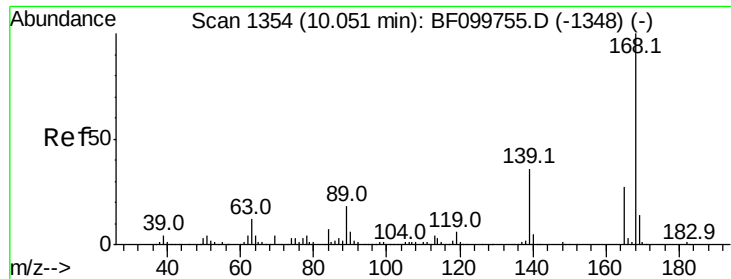
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#55
4-Nitrophenol
Concen: 54.109 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.7	48.4	88.4
65	82.2	72.6	112.6





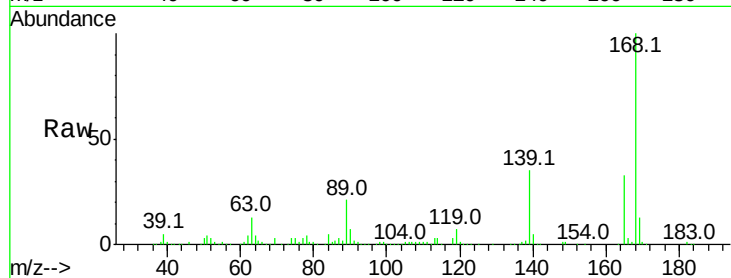
#56
2,4-Dinitrotoluene
Concen: 33.996 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120609		
63	40.2		36.4	54.6
89	62.6		57.8	86.6
182	2.6		1.6	2.4#

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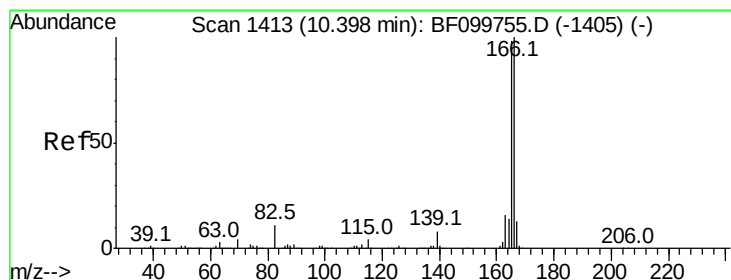
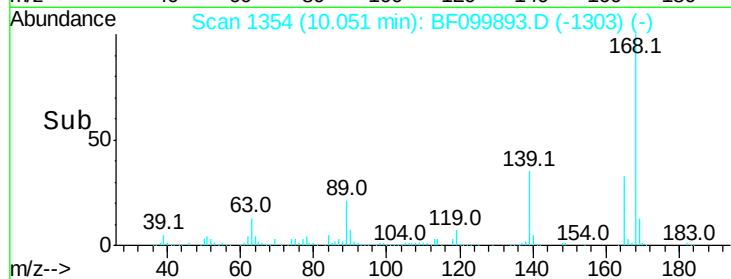
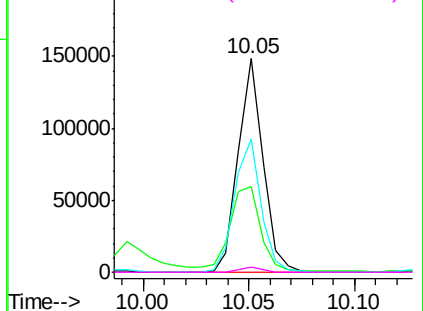


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



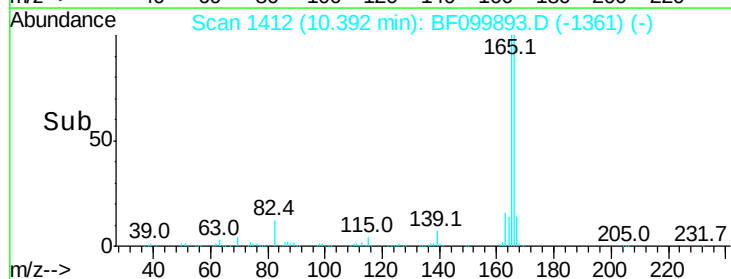
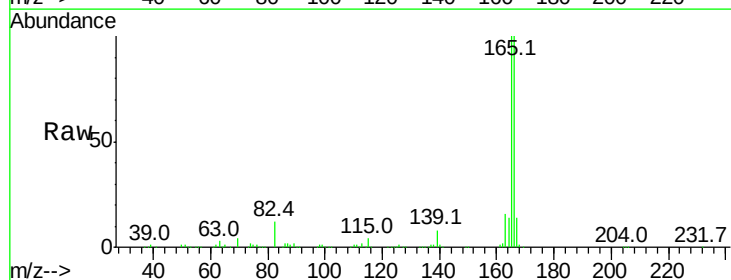
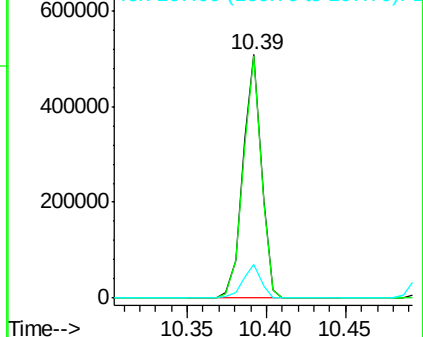
#57
Fluorene
Concen: 31.825 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

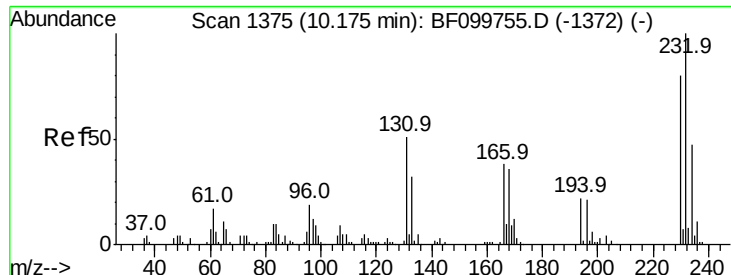
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	406942		
165	99.8		79.8	119.8
167	13.6		10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





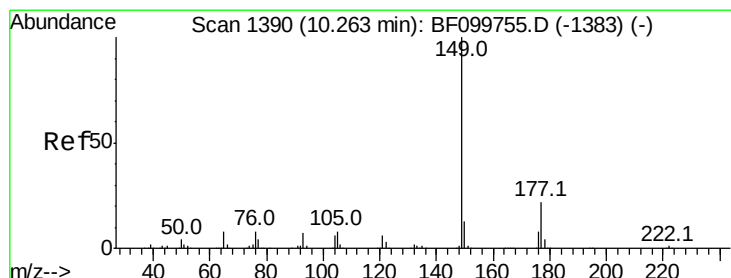
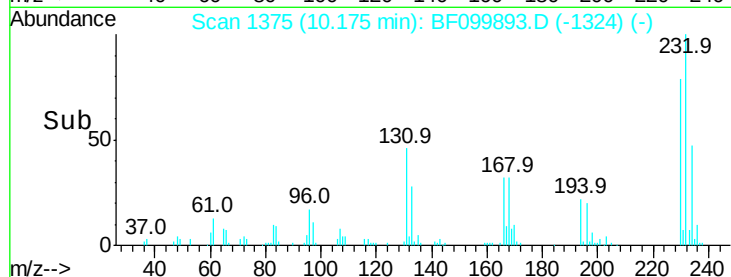
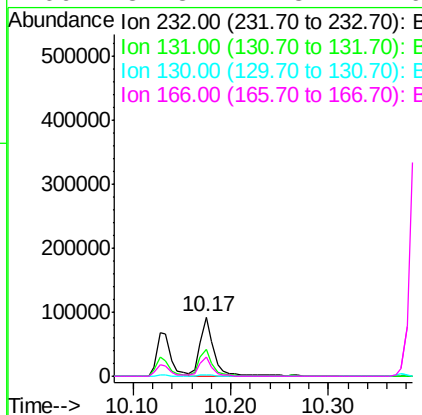
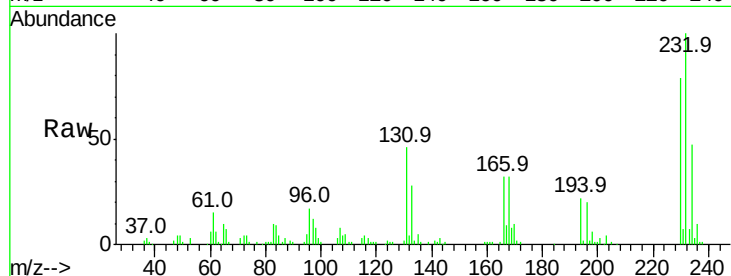
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.745 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	89369		
131	44.5		43.8	65.8
130	2.0		2.1	3.1#
166	31.3		27.8	41.6

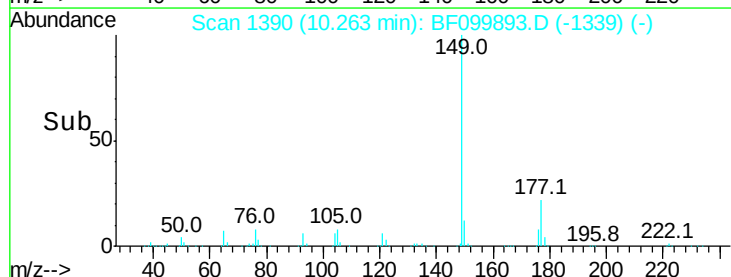
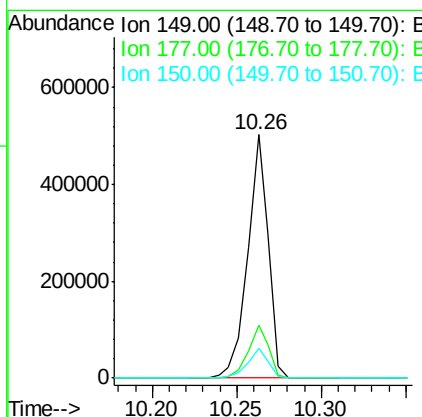
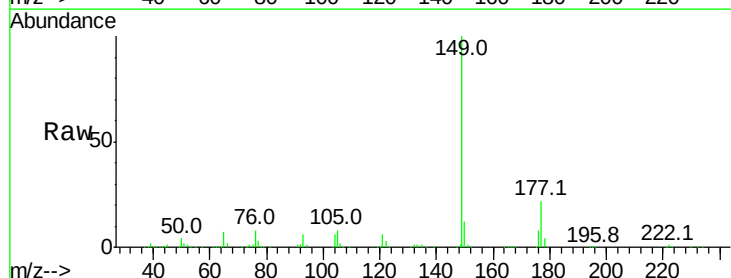
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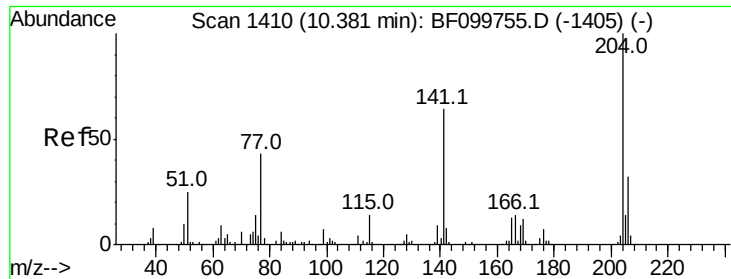
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#59
 Diethylphthalate
 Concen: 31.301 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	428339		
177	21.5		16.1	24.1
150	12.5		10.1	15.1





#60

4-Chlorophenyl-phenylether

Concen: 31.380 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

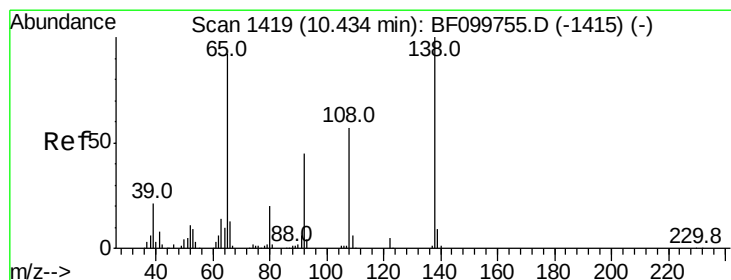
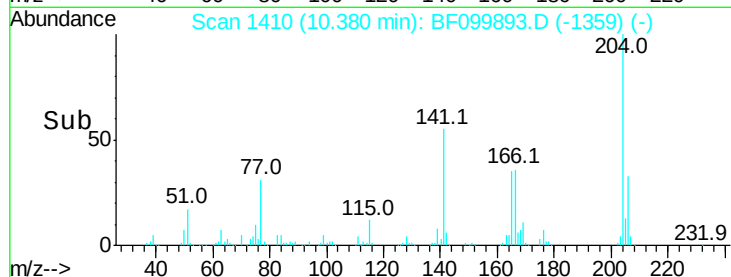
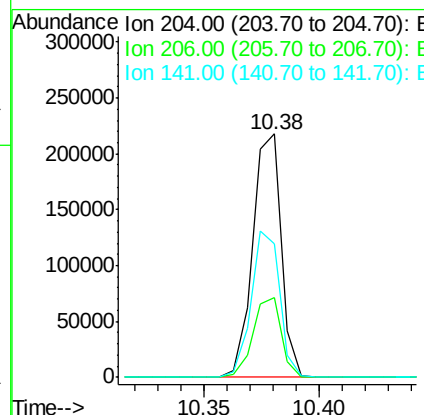
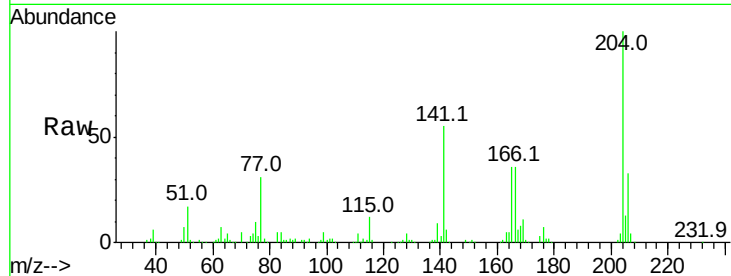
ClientSampleId :

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

Tot Ion:	204	Resp:	188841
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	54.7	54.6	81.8

Manual Integrations
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#61

4-Nitroaniline

Concen: 28.951 ng

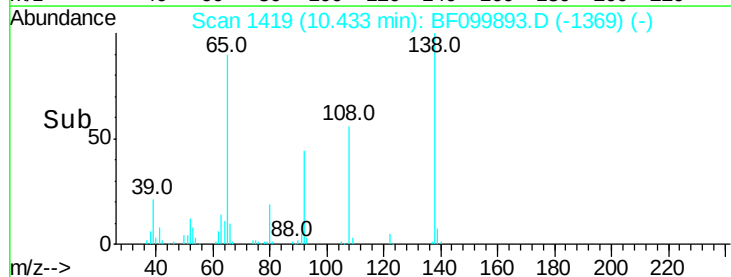
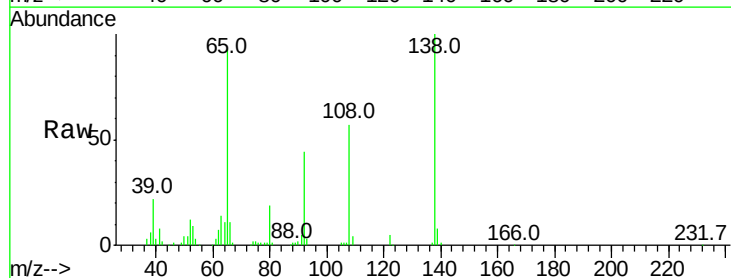
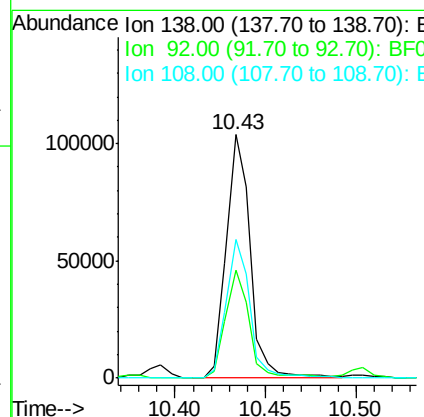
RT: 10.43 min Scan# 1419

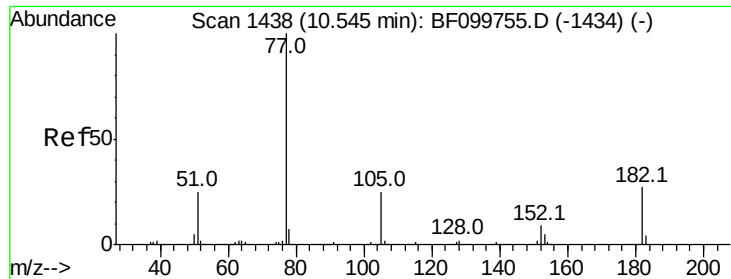
Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:	138	Resp:	95879
Ion Ratio	Lower	Upper	
138	100		
92	44.3	30.2	70.2
108	56.9	52.5	92.5





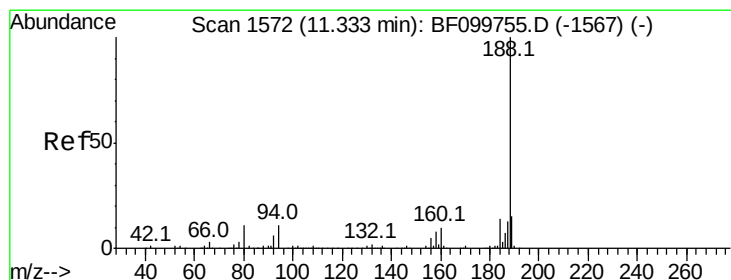
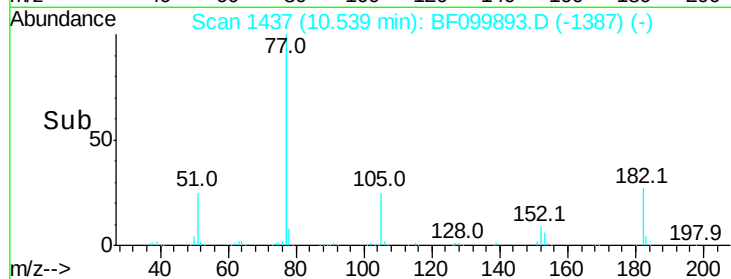
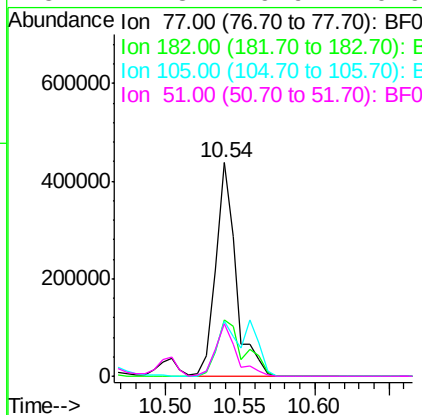
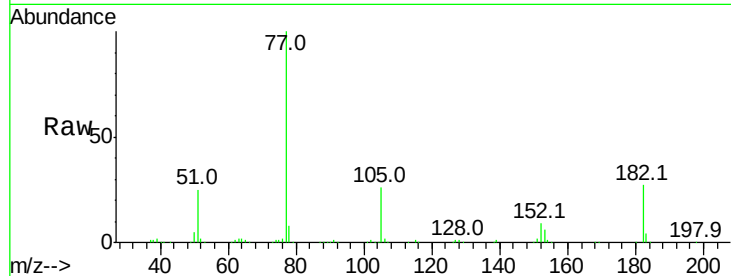
#62
Azobenzene
Concen: 35.792 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		410586		
182	26.6	1.7	41.7		
105	25.8	3.0	43.0		
51	24.8	9.9	49.9		

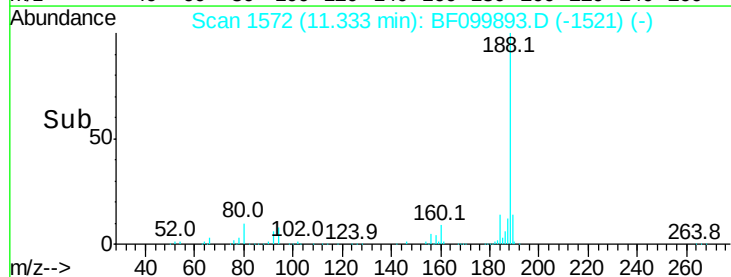
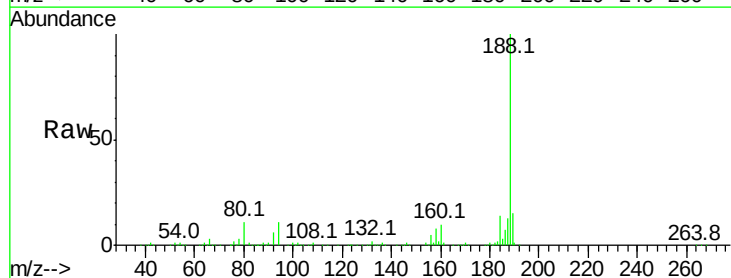
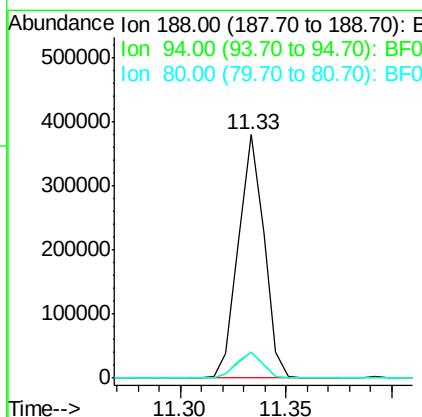
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APPROVED

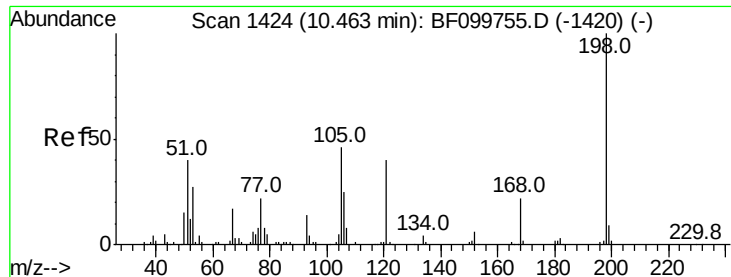
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		319483		
94	10.5	8.5	12.7		
80	10.6	9.2	13.8		





#64

4,6-Dinitro-2-methylphenol

Concen: 23.426 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:198 Resp: 47047

Ion Ratio Lower Upper

198 100

51 32.8 37.7 77.7#

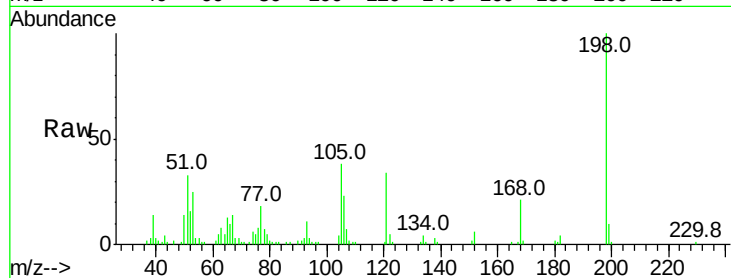
105 38.3 36.3 76.3

Manual Integrations

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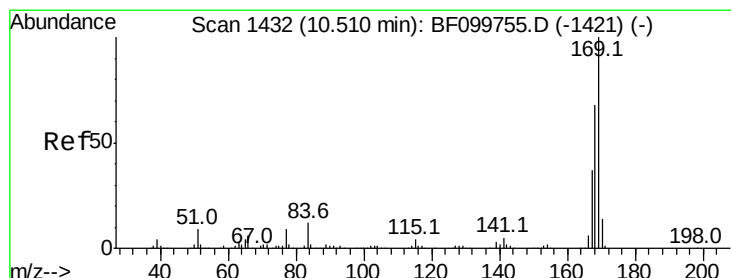
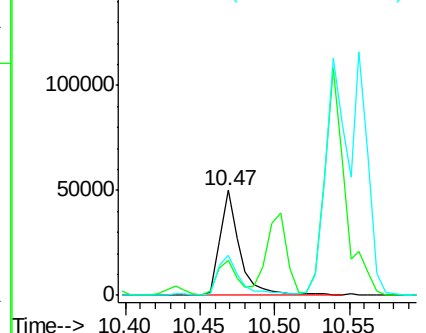
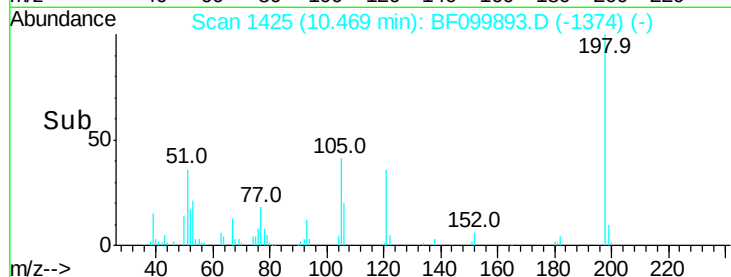
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 30.243 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

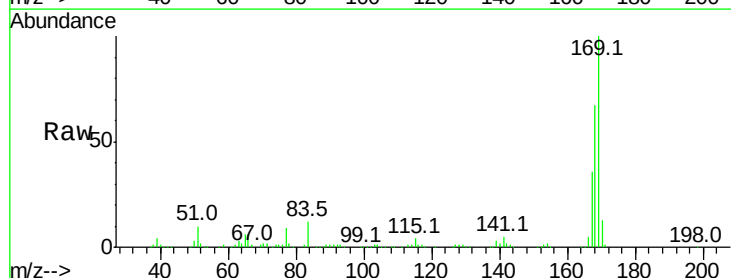
Tgt Ion:169 Resp: 356675

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

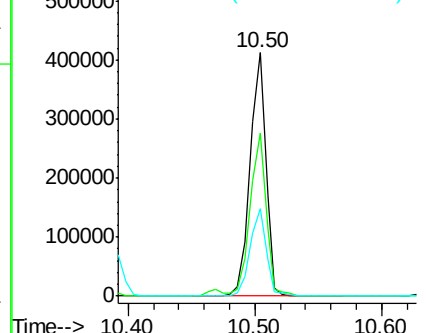
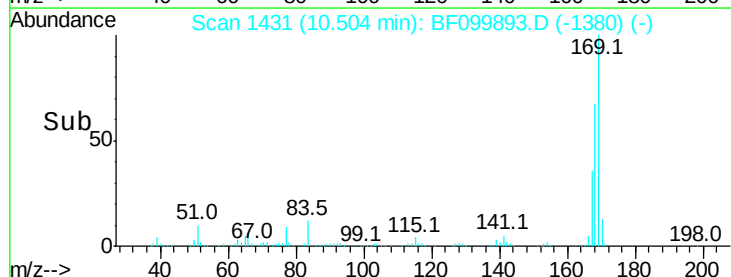
167 35.8 29.8 44.6

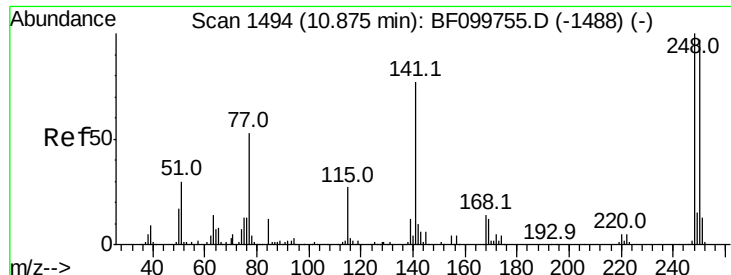


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





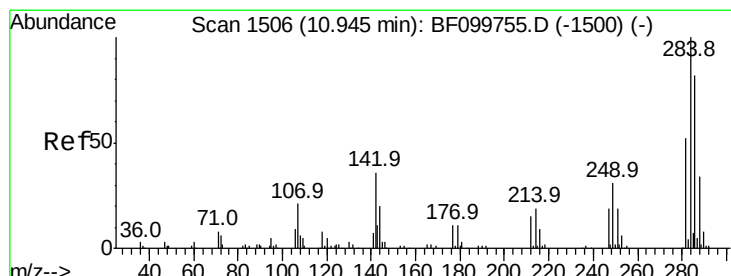
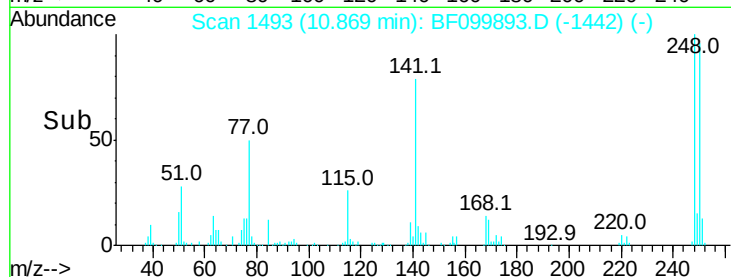
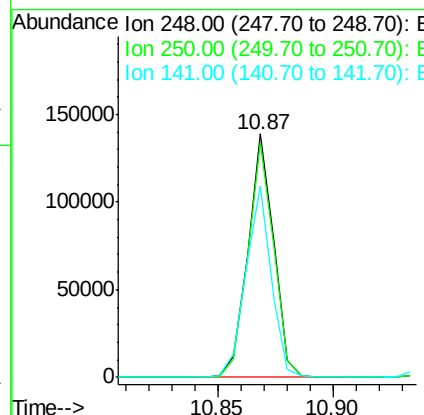
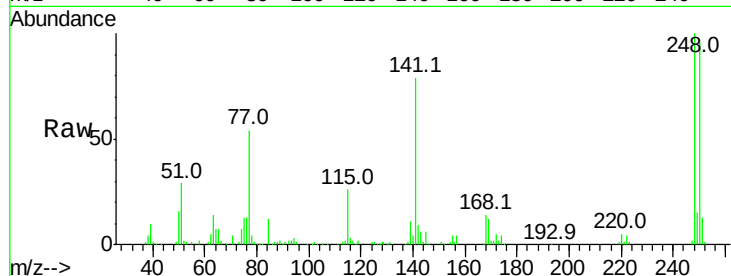
#66
4-Bromophenyl-phenylether
Concen: 32.229 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	78.5	74.4	111.6

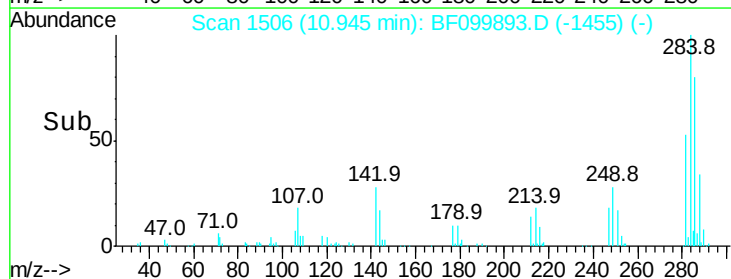
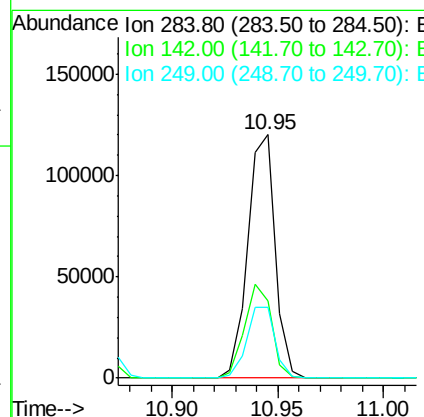
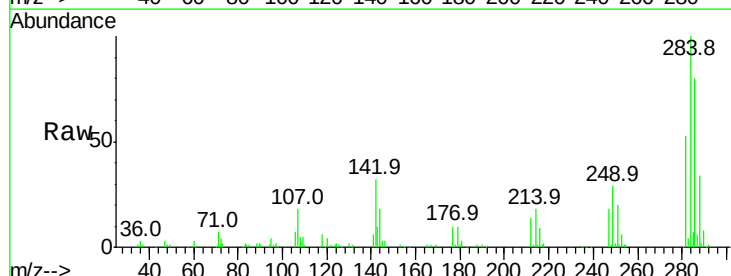
Manual Integrations
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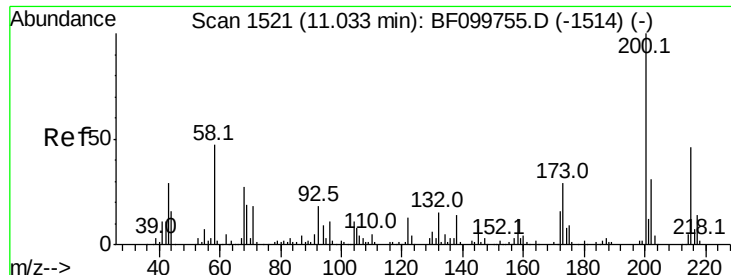
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#67
Hexachlorobenzene
Concen: 31.494 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	34.6	52.0#
249	29.0	24.8	37.2





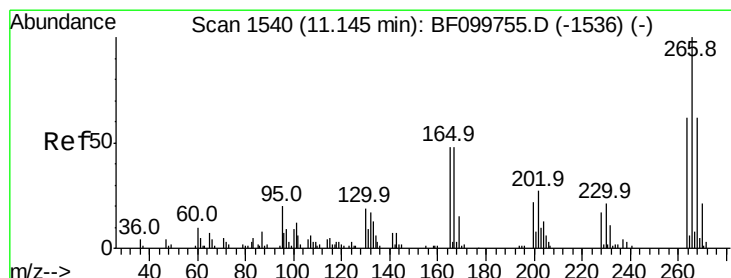
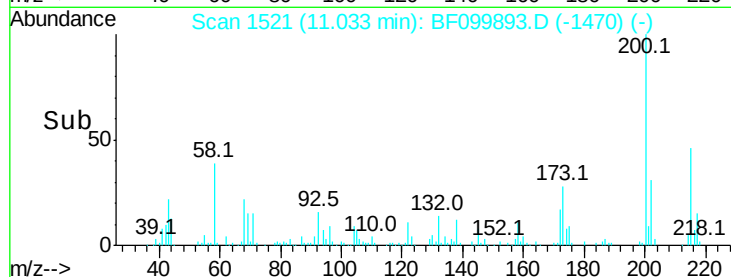
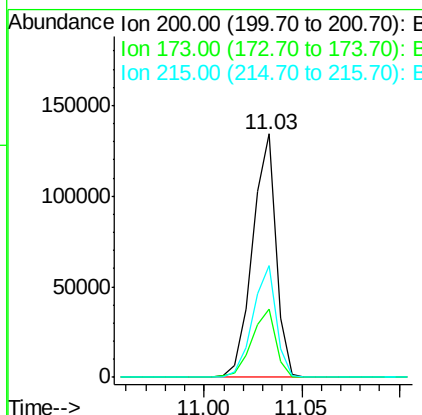
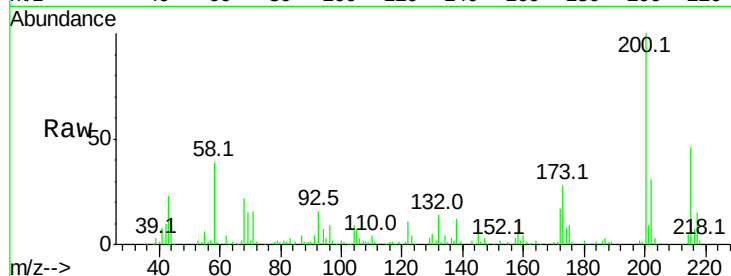
#68
Atrazine
Concen: 31.667 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	46.1	25.1	65.1

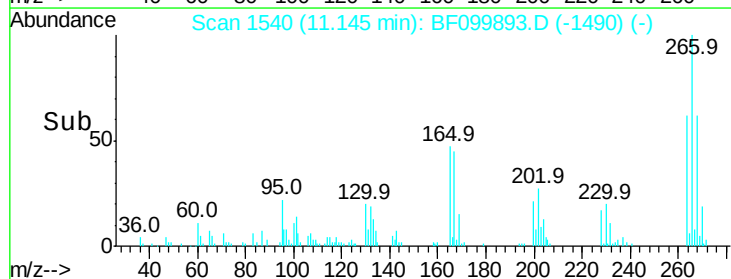
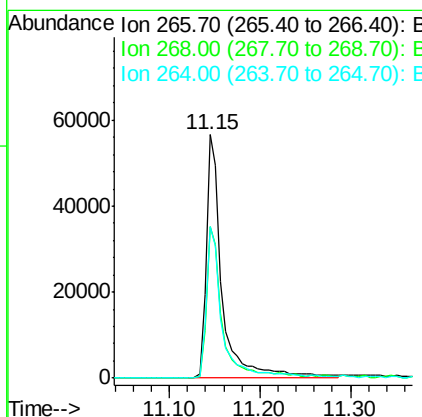
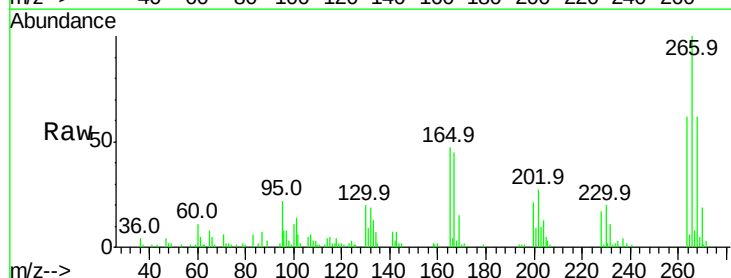
Manual Integrations
APPROVED

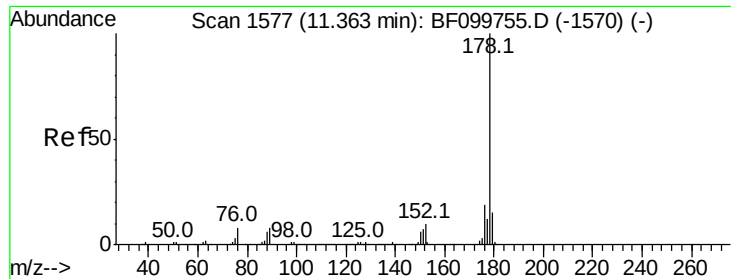
Sohil
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#69
Pentachlorophenol
Concen: 47.885 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.2	49.5	74.3





#70

Phenanthrene

Concen: 31.534 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

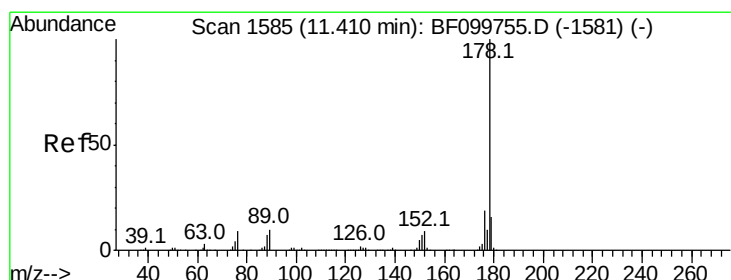
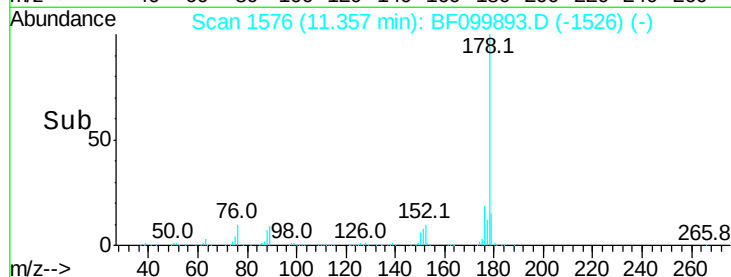
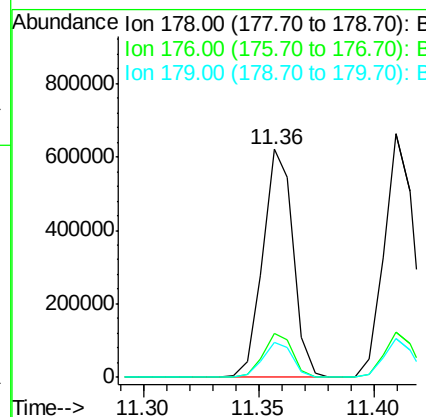
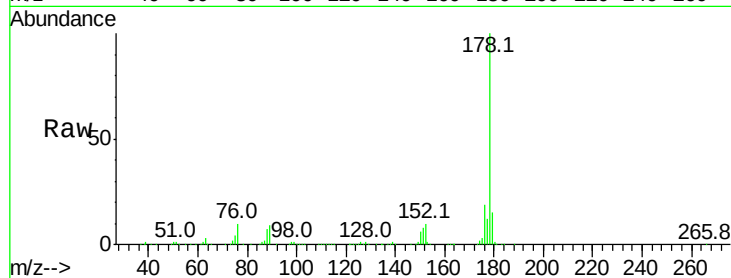
ClientSampleId :

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

Tot Ion:178	Resp:	568552
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.8 23.8
179	15.1	13.0 19.6

Manual Integrations
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#71

Anthracene

Concen: 32.073 ng

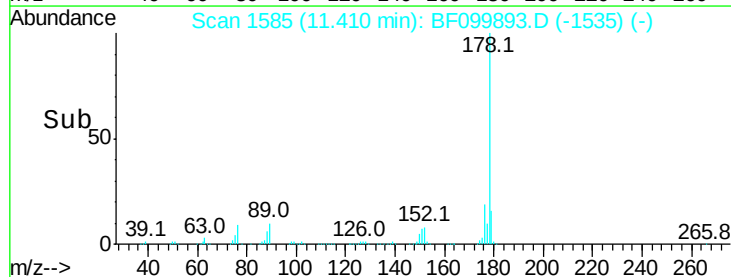
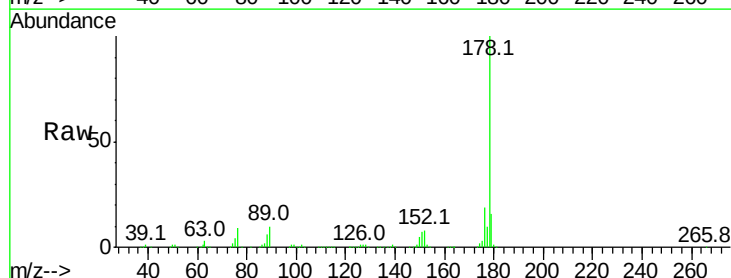
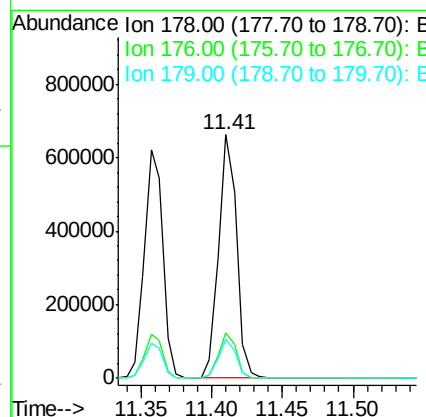
RT: 11.41 min Scan# 1585

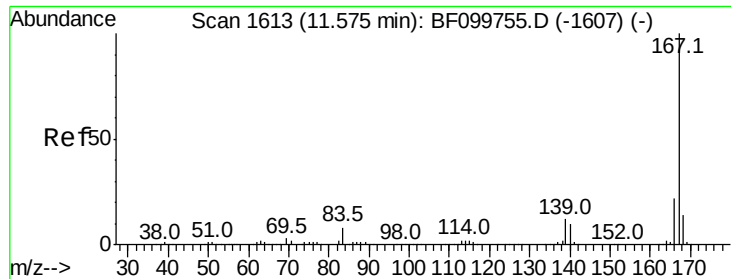
Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:178	Resp:	586976
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.4 23.2
179	15.7	12.6 19.0





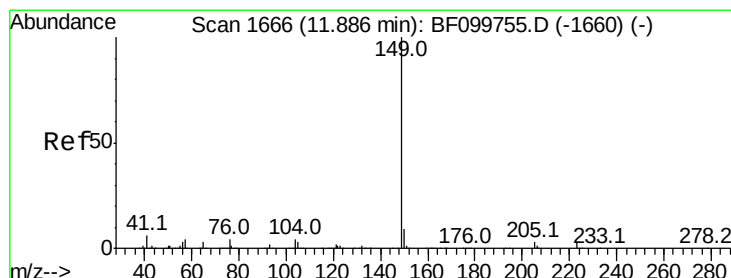
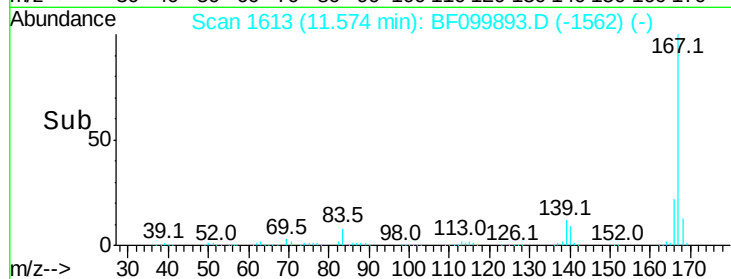
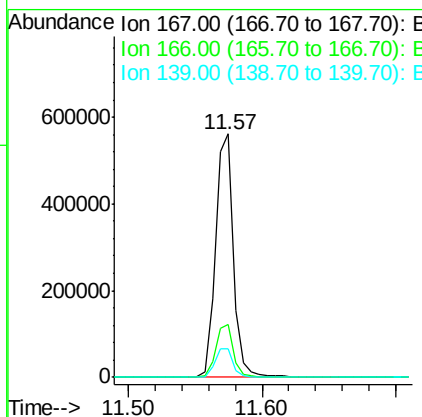
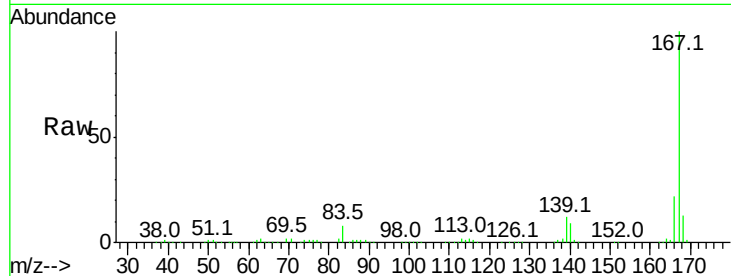
#72
 Carbazole
 Concen: 30.896 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	11.6	10.9	16.3

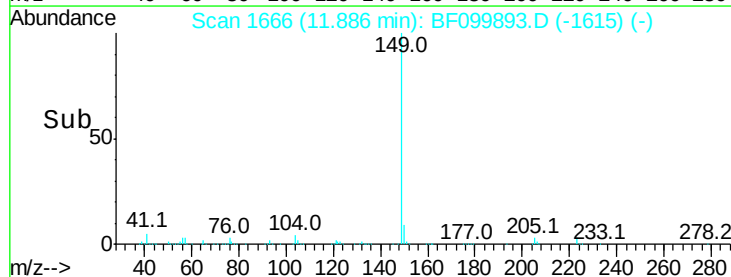
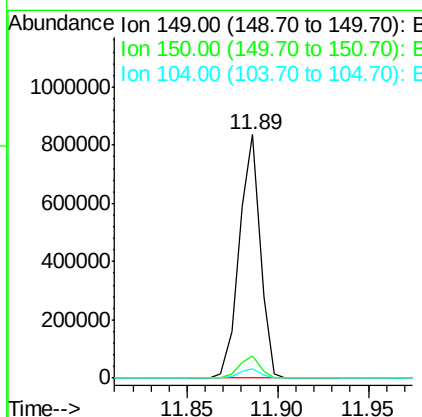
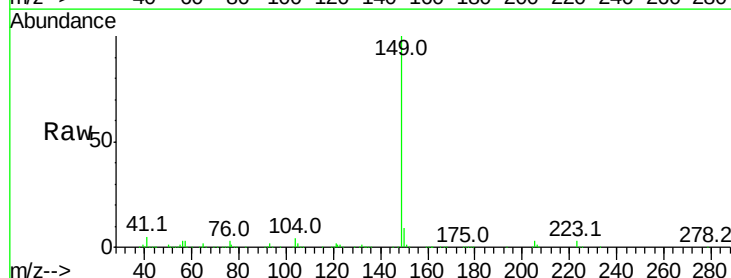
Manual Integrations
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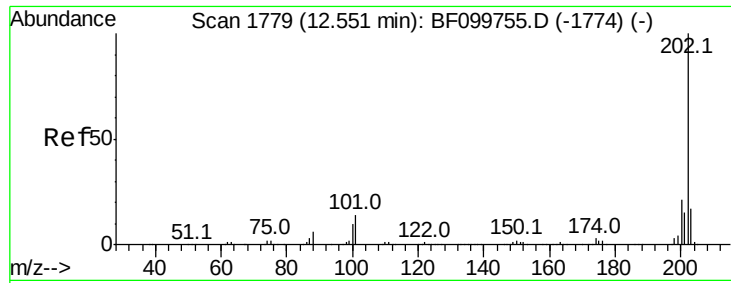
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#73
 Di-n-butylphthalate
 Concen: 30.560 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	3.9	3.8	5.8





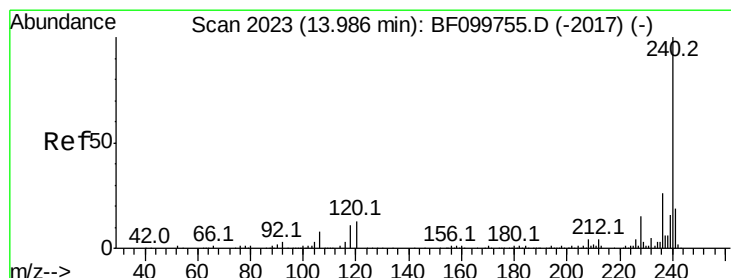
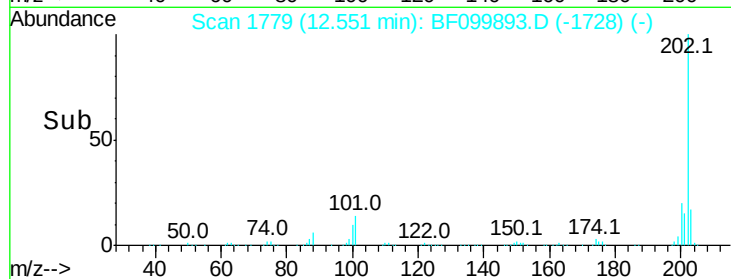
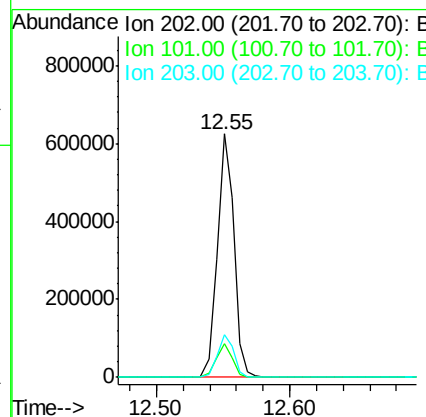
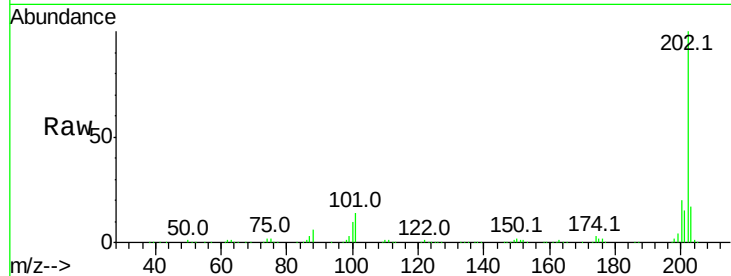
#74
 Fluoranthene
 Concen: 29.225 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.3	0.0	38.1

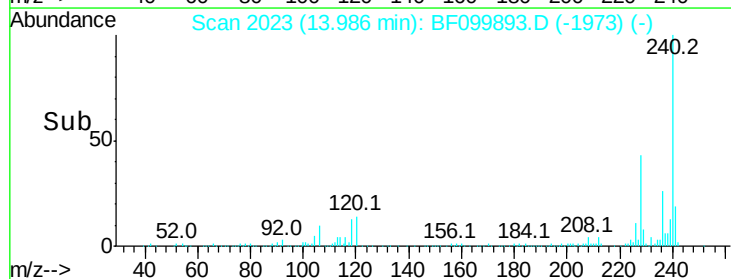
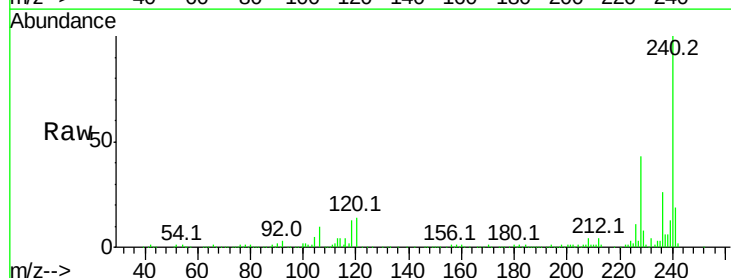
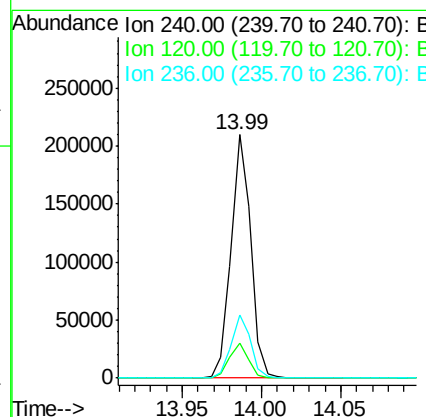
Manual Integrations
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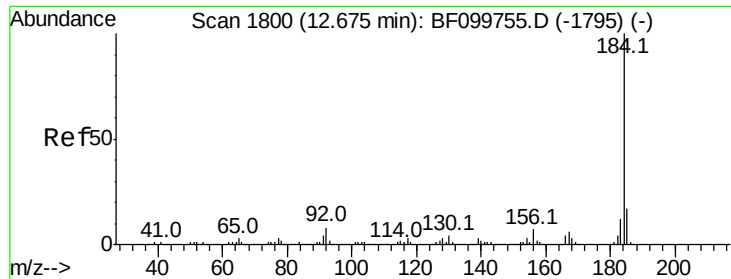
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099893.D
 Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.8	20.7	31.1





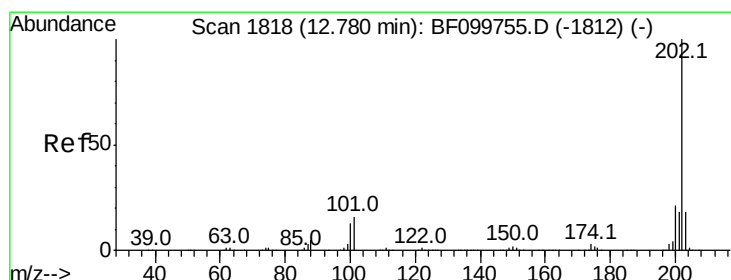
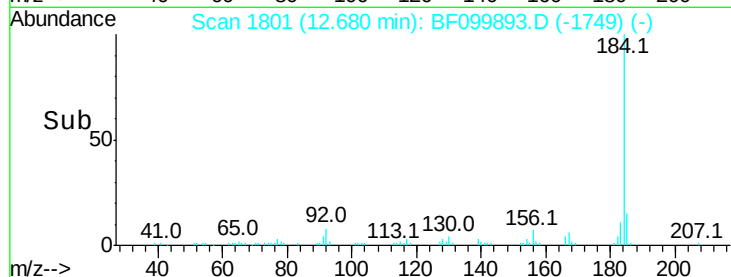
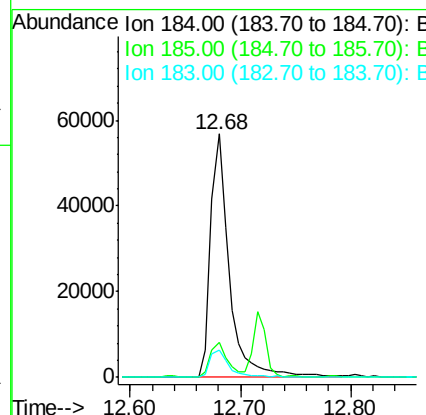
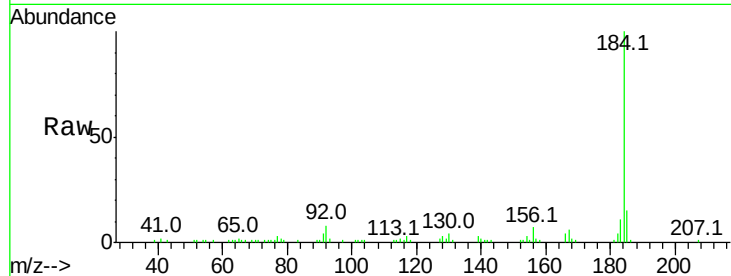
#76
Benzidine
Concen: 8.295 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.4	9.3	13.9

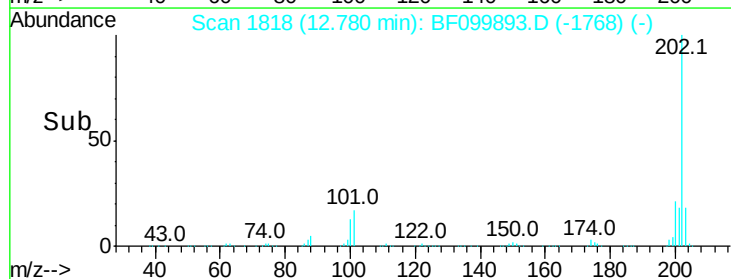
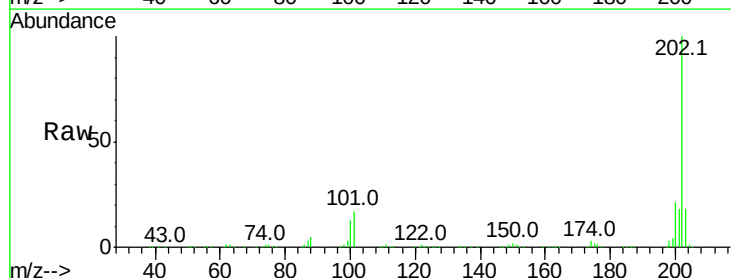
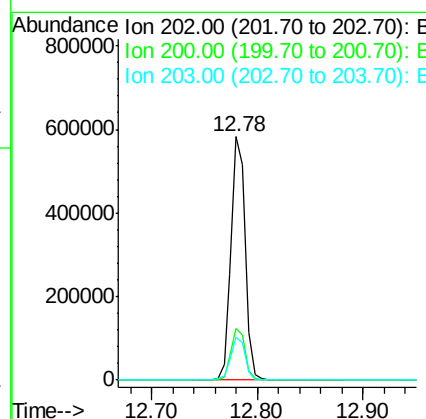
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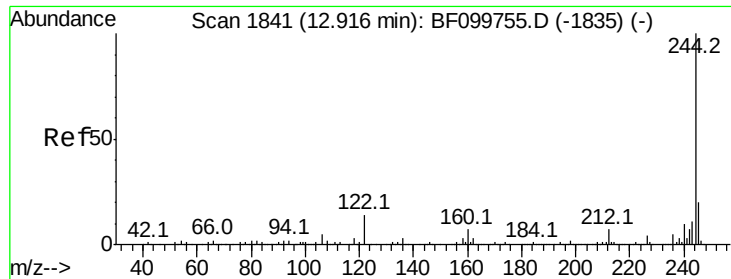
Sohil
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#77
Pyrene
Concen: 39.606 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 86.971 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:244 Resp: 717968

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

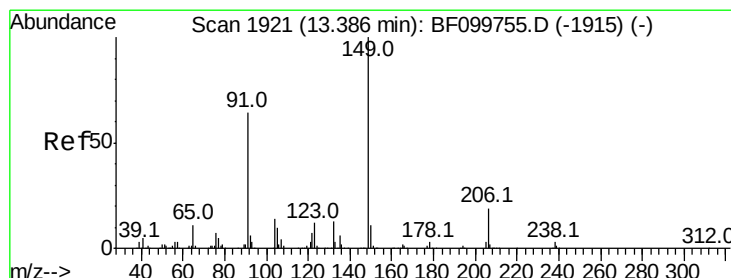
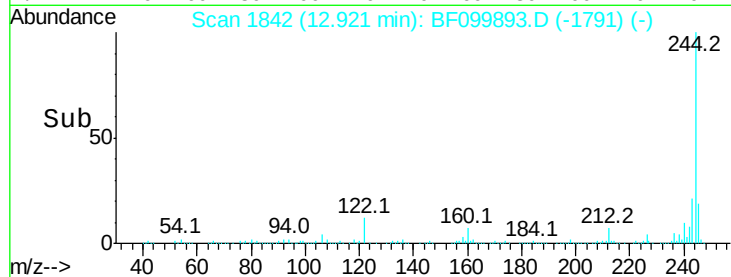
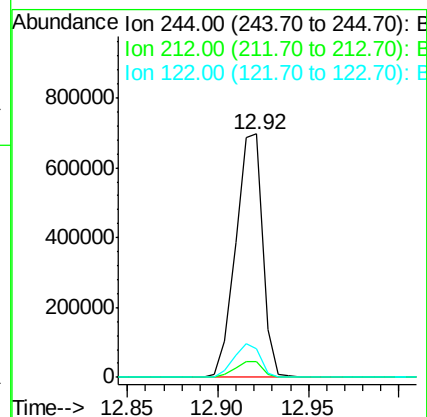
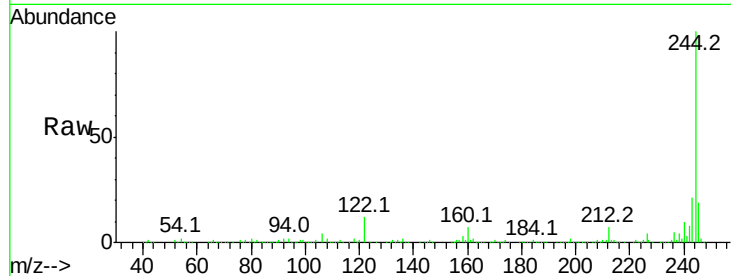
122 11.6 11.0 16.4

Manual Integrations

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#79

Butylbenzylphthalate

Concen: 36.474 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

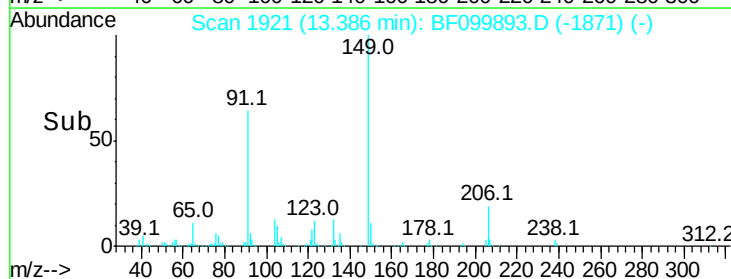
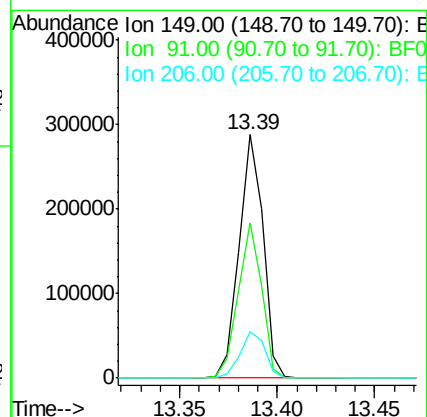
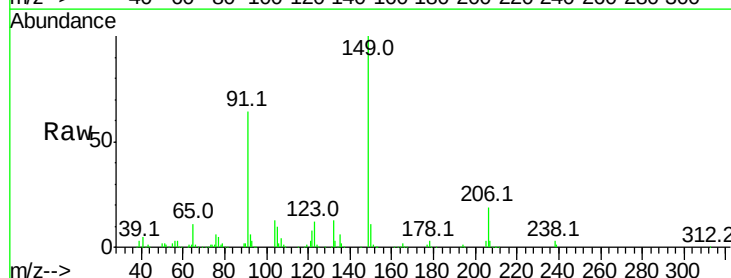
Tgt Ion:149 Resp: 246394

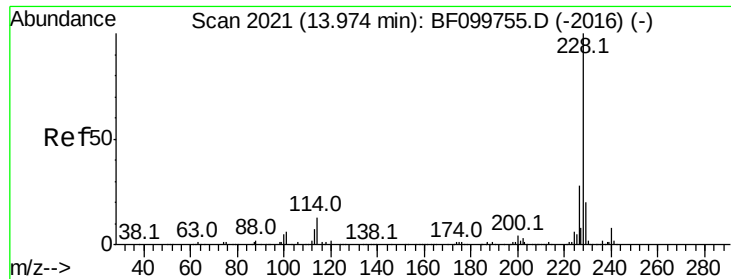
Ion Ratio Lower Upper

149 100

91 63.9 56.8 85.2

206 19.3 14.1 21.1





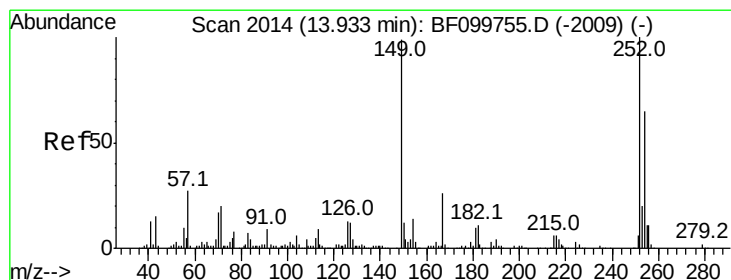
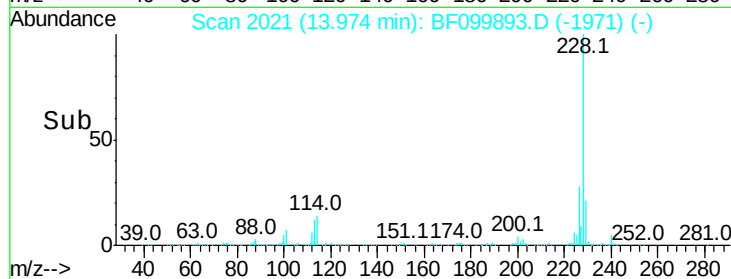
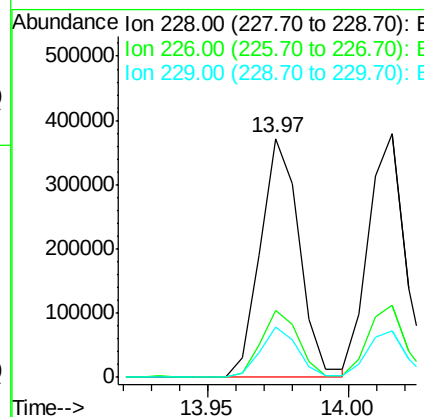
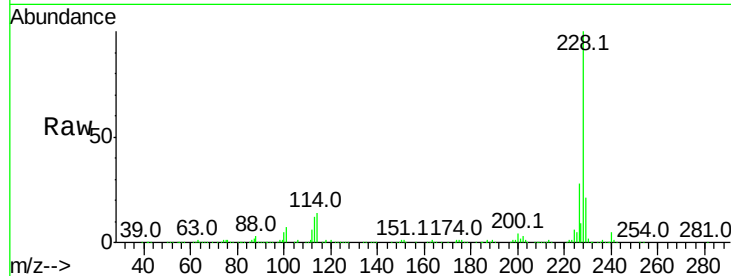
#80
Benzo(a)anthracene
Concen: 31.111 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.2	15.8	23.6

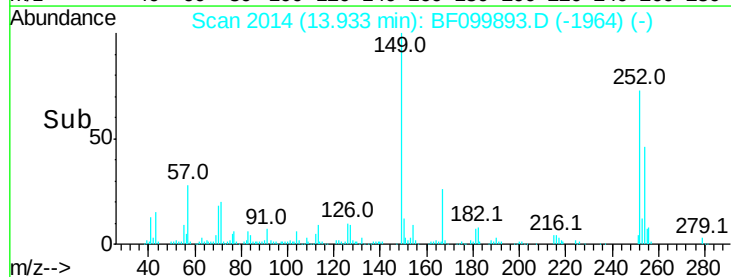
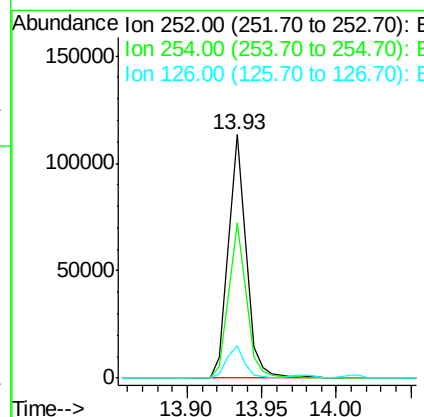
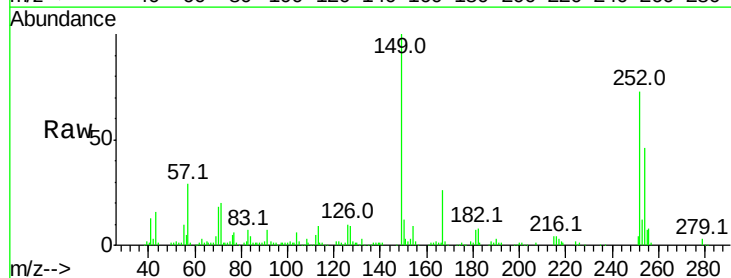
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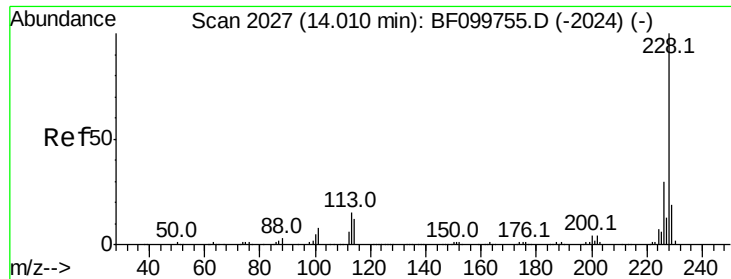
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#81
3,3'-Dichlorobenzidine
Concen: 23.747 ng
RT: 13.93 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	13.1	11.3	16.9





#82

Chrysene

Concen: 31.877 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Instrument :

BNA_F

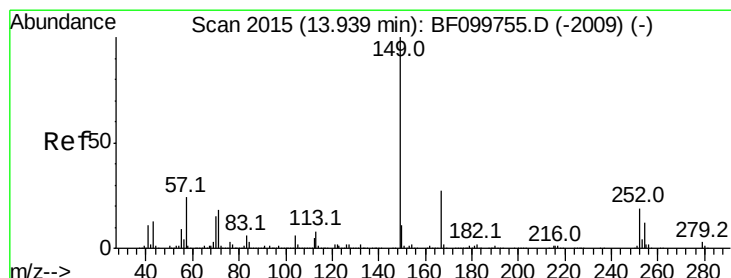
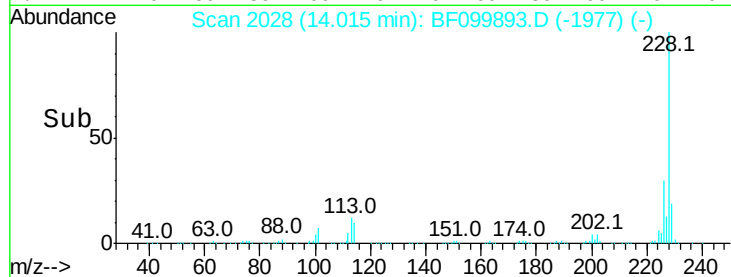
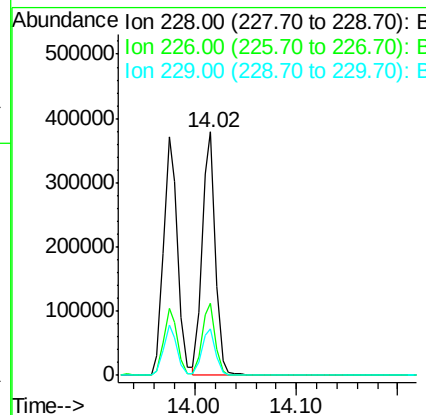
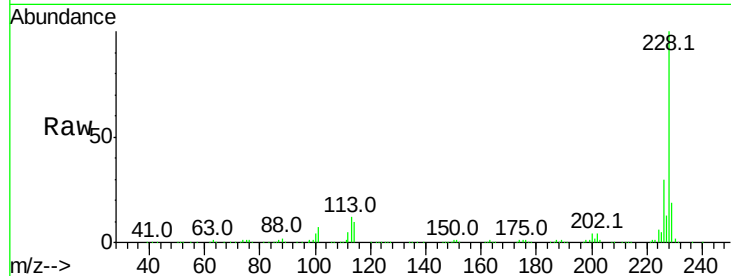
ClientSampleId :

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

Tot Ion:	228	Resp:	342747
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	19.3	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 36.280 ng

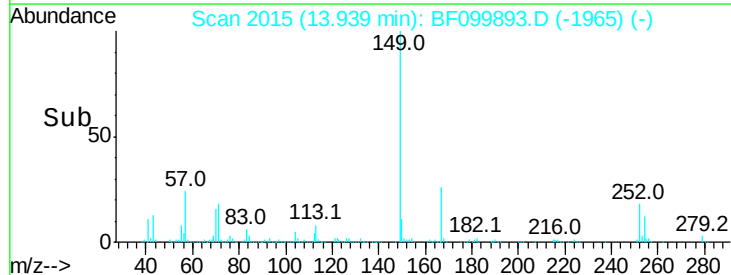
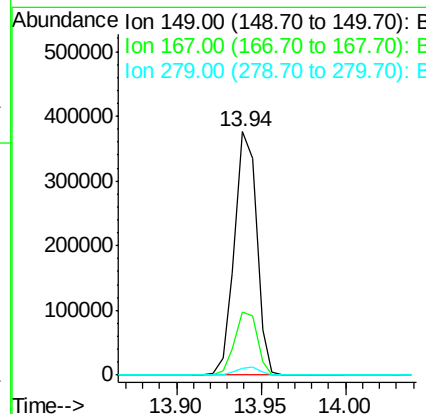
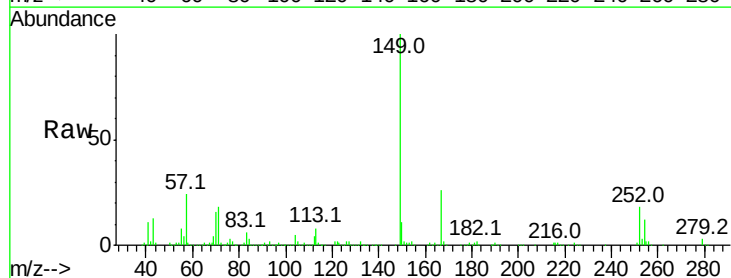
RT: 13.94 min Scan# 2015

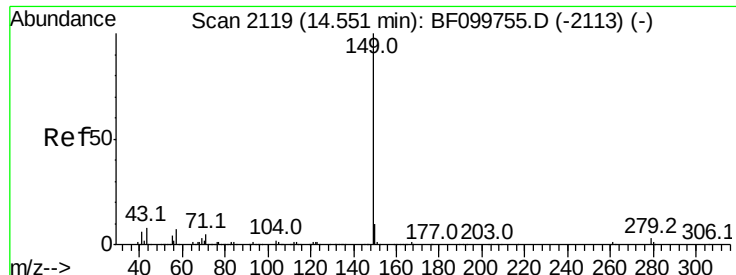
Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion:	149	Resp:	344168
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.3	31.9
279	2.8	3.0	4.4#





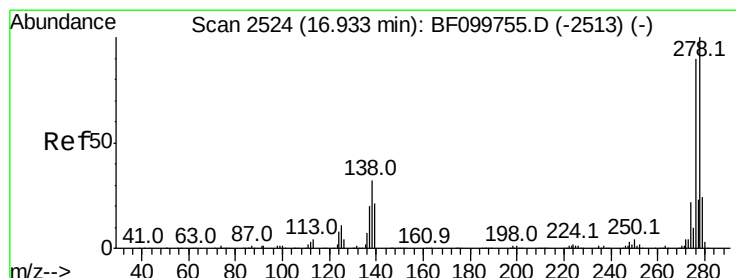
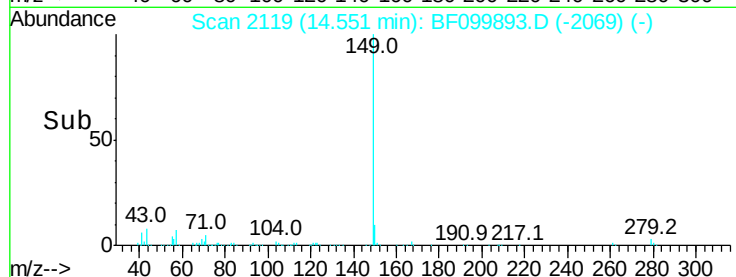
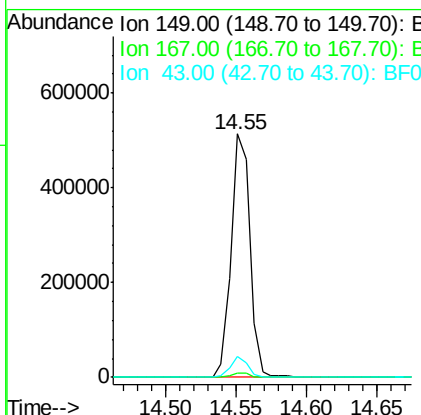
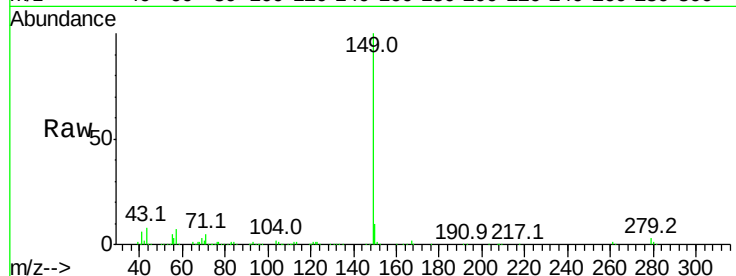
#84
Di-n-octyl phthalate
Concen: 29.244 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	7.6	8.4	12.6	

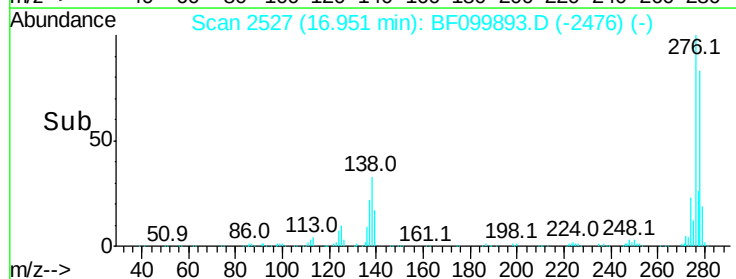
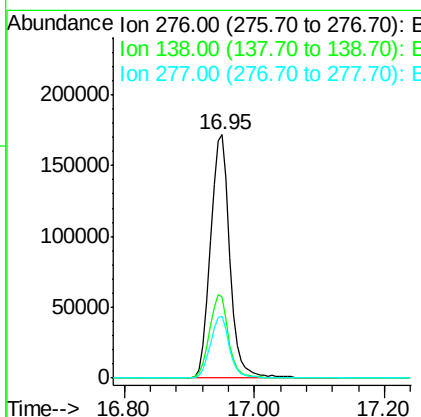
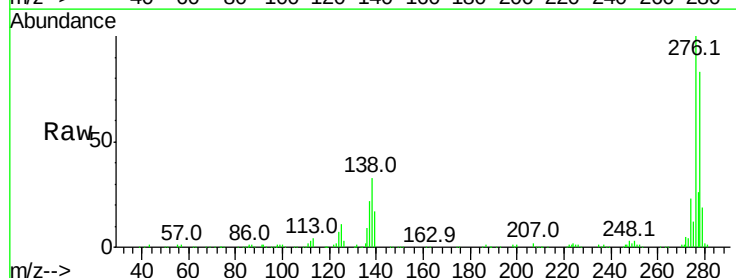
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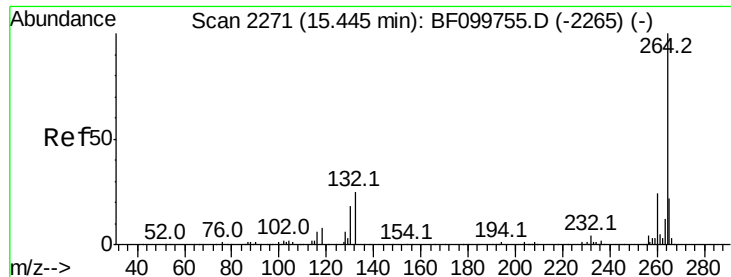
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#85
Indeno(1,2,3-cd)pyrene
Concen: 35.812 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	33.9	25.0	37.6	
277	25.0	20.1	30.1	





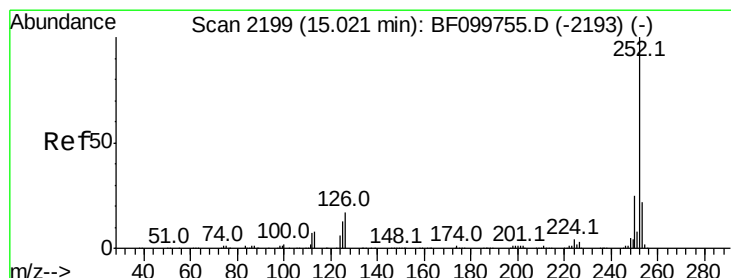
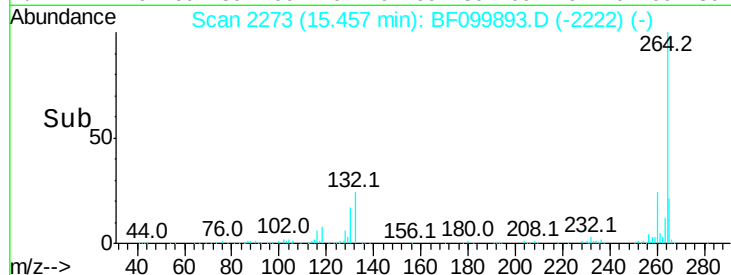
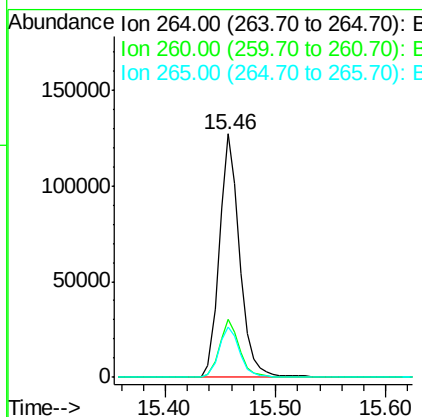
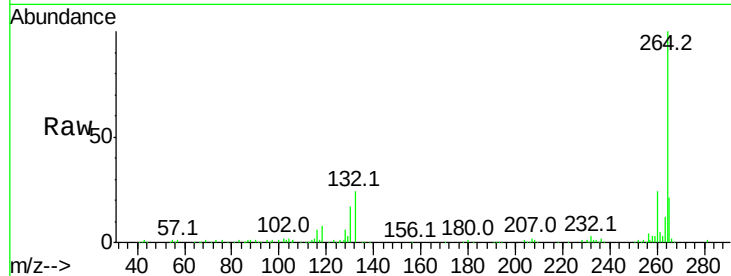
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

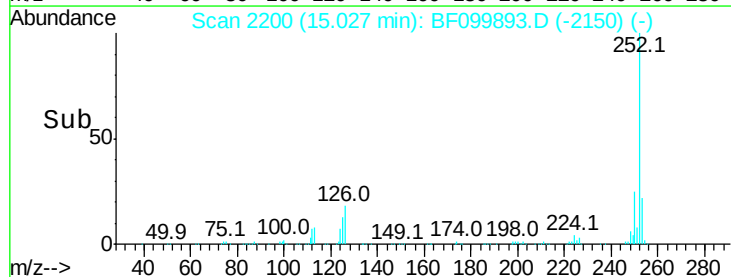
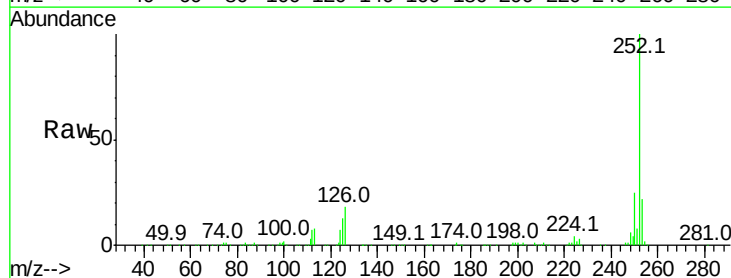
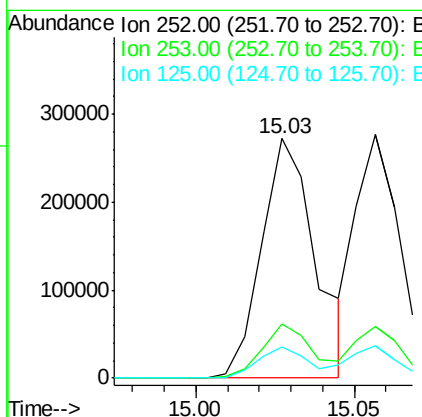
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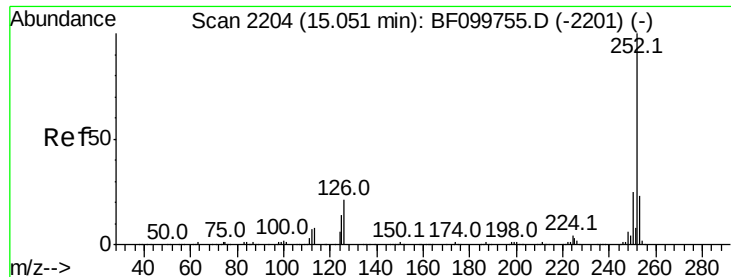
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#87
Benzo(b)fluoranthene
Concen: 31.351 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.0	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 28.786 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF099893.D

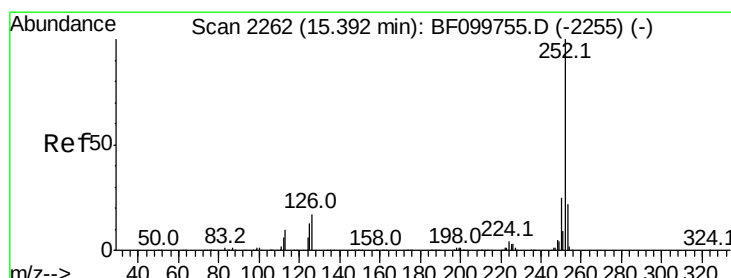
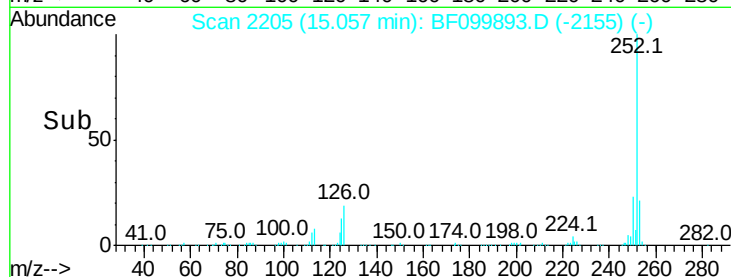
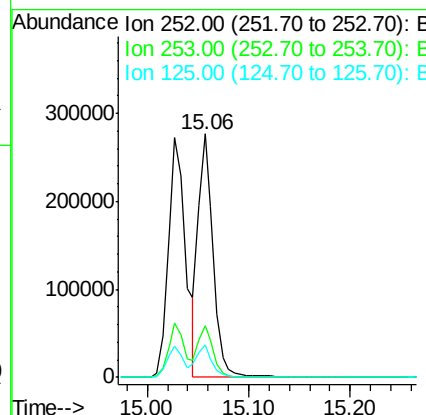
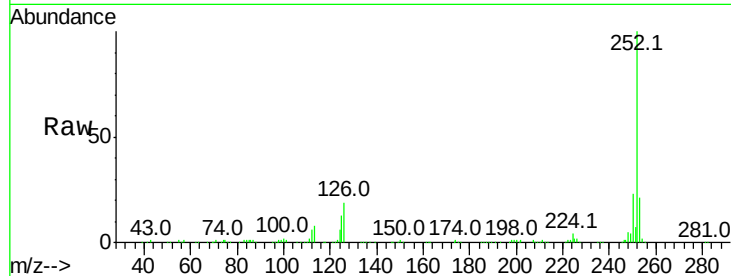
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	13.1	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 32.069 ng

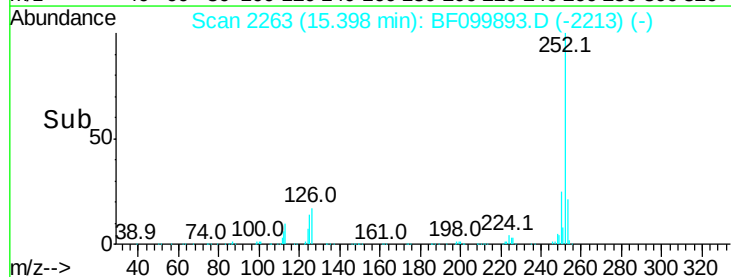
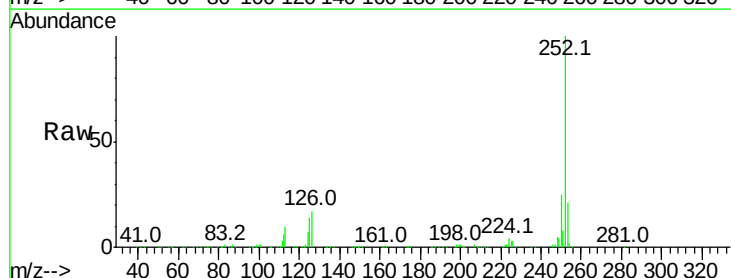
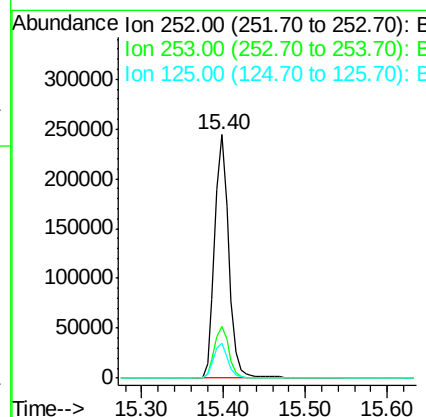
RT: 15.40 min Scan# 2263

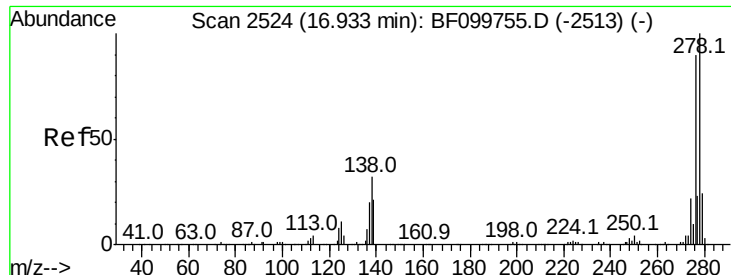
Delta R.T. -0.01 min

Lab File: BF099893.D

Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	14.2	9.8	14.6





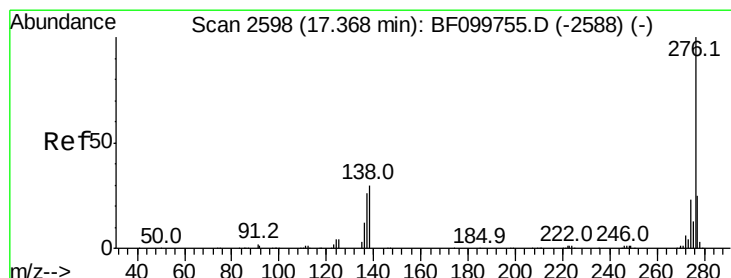
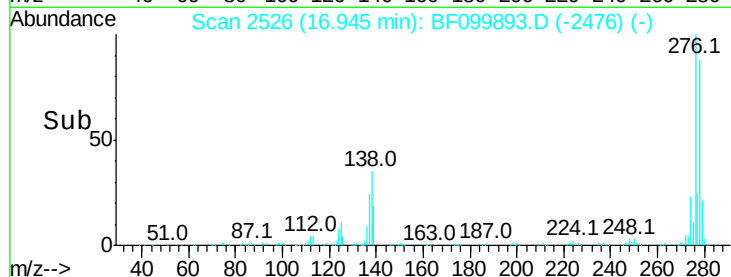
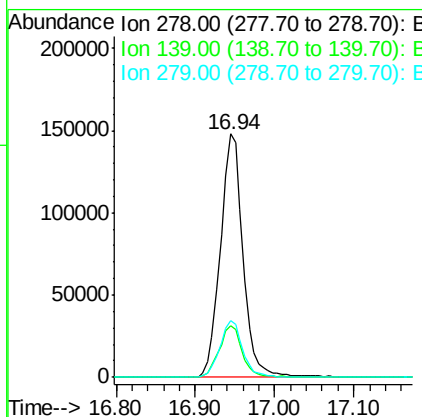
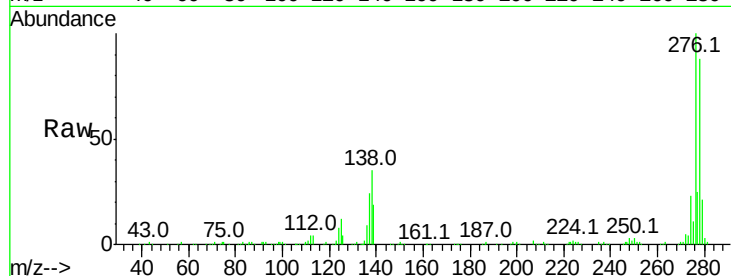
#90
Dibenzo(a,h)anthracene
Concen: 35.821 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.4	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 38.454 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF099893.D
Acq: 27 Oct 2017 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	27.6	21.8	32.8

