

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108935.D
 Acq On : 11 Sep 2018 15:14
 Operator : JU/SJ
 Sample : J4825-18MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:54 AM

Quant Time: Sep 11 16:47:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176507	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	690568	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	327032	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	589726	20.00	ng	0.00
75) Chrysene-d12	13.88	240	363631	20.00	ng	0.01
86) Perylene-d12	15.28	264	445718	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	718650	67.45	ng	0.01
7) Phenol-d6	6.37	99	929975	67.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	582481	52.79	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	225480	72.22	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1062981	55.45	ng	0.00
78) Terphenyl-d14	12.83	244	886589	56.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	95860	18.721	ng	94
3) Pyridine	3.17	79	268098	19.119	ng	90
4) n-Nitrosodimethylamine	3.08	42	125085	23.225	ng	91
6) Aniline	6.40	93	268094	14.541	ng	97
8) 2-Chlorophenol	6.52	128	271755	23.044	ng	93
9) Benzaldehyde	6.28	77	138877	14.280	ng	99
10) Phenol	6.38	94	347038	22.103	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	268278	21.329	ng	96
12) 1,3-Dichlorobenzene	6.68	146	295448	21.954	ng	98
13) 1,4-Dichlorobenzene	6.75	146	297714	22.122	ng	99
14) 1,2-Dichlorobenzene	6.91	146	286145	23.067	ng	99
15) Benzyl Alcohol	6.88	79	242399	23.041	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	398961	21.219	ng	96
17) 2-Methylphenol	7.00	107	221941	22.269	ng	99
18) Hexachloroethane	7.25	117	108847	22.431	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	193570	20.314	ng	98
20) 3+4-Methylphenols	7.14	107	269339	23.070	ng	# 56
22) Acetophenone	7.14	105	365049	23.292	ng	# 94
24) Nitrobenzene	7.31	77	289616	24.461	ng	98
25) Isophorone	7.55	82	529208	24.043	ng	96
26) 2-Nitrophenol	7.64	139	135062	28.955	ng	95
27) 2,4-Dimethylphenol	7.68	122	242376	25.588	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	340098	23.111	ng	99
29) 2,4-Dichlorophenol	7.88	162	226023	23.141	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	234726	22.175	ng	97
31) Naphthalene	8.04	128	790030	25.428	ng	99
32) Benzoic acid	7.68	122	242376	40.532	ng	# 14
33) 4-Chloroaniline	8.08	127	199417	13.975	ng	100
34) Hexachlorobutadiene	8.17	225	140646	22.242	ng	99
35) Caprolactam	8.44	113	69434	20.979	ng	# 81
36) 4-Chloro-3-methylphenol	8.57	107	234743	22.561	ng	98
37) 2-Methylnaphthalene	8.73	142	527028	25.677	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	225789	23.096	ng	98
40) Hexachlorocyclopentadiene	8.90	237	245438	49.905	ng	97

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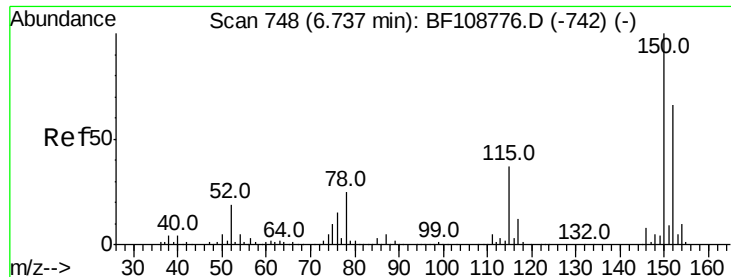
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	155915	23.415	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	167607	24.283	nq	94
45) 1,1'-Biphenyl	9.20	154	616924	24.503	nq	98
46) 2-Chloronaphthalene	9.22	162	475328	23.344	nq	97
47) 2-Nitroaniline	9.31	65	147534	26.523	nq	97
48) Acenaphthylene	9.63	152	779786	25.692	nq	99
49) Dimethylphthalate	9.50	163	739870	32.346	nq	99
50) 2,6-Dinitrotoluene	9.55	165	121081	27.780	nq	95
51) Acenaphthene	9.80	154	463671	24.687	nq	97
52) 3-Nitroaniline	9.71	138	104076	20.060	nq	96
53) 2,4-Dinitrophenol	9.82	184	34809	28.513	nq #	22
54) Dibenzofuran	9.97	168	663433	24.232	nq	98
55) 4-Nitrophenol	9.88	139	179713	46.333	nq	96
56) 2,4-Dinitrotoluene	9.95	165	156220	28.027	nq #	89
57) Fluorene	10.31	166	489037	27.835	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	128876	23.154	nq #	89
59) Diethylphthalate	10.20	149	544657	23.074	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	234807	25.024	nq	95
61) 4-Nitroaniline	10.32	138	106267	22.609	nq	98
62) Azobenzene	10.47	77	555229	22.787	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	34520	19.624	nq	78
65) n-Nitrosodiphenylamine	10.42	169	465034	23.718	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	153992	23.119	nq	90
67) Hexachlorobenzene	10.87	284	165005	23.207	nq #	91
68) Atrazine	10.95	200	145487	23.179	nq	97
69) Pentachlorophenol	11.05	266	132696	30.525	nq	99
70) Phenanthrene	11.27	178	822217	29.196	nq	99
71) Anthracene	11.32	178	764711	28.361	nq	99
72) Carbazole	11.47	167	637756	22.459	nq	99
73) Di-n-butylphthalate	11.82	149	823446	26.113	nq	98
74) Fluoranthene	12.45	202	840006	30.126	nq	98
76) Benzidine	12.57	184	257201	14.923	nq	99
77) Pyrene	12.68	202	814515	29.110	nq	100
79) Butylbenzylphthalate	13.31	149	286782	22.759	nq	95
80) Benzo(a)anthracene	13.87	228	598549	25.680	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	158339	17.437	nq	97
82) Chrysene	13.90	228	565466	25.061	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	352107	22.236	nq	99
84) Di-n-octyl phthalate	14.48	149	608926	23.065	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	734859	36.801	nq	94
87) Benzo(b)fluoranthene	14.88	252	627757	25.902	nq	99
88) Benzo(k)fluoranthene	14.91	252	552915m	24.773	nq	
89) Benzo(a)pyrene	15.22	252	606257	27.723	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	557731	28.943	nq	96
91) Benzo(g,h,i)perylene	17.06	276	637680	33.051	nq	94

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



#1

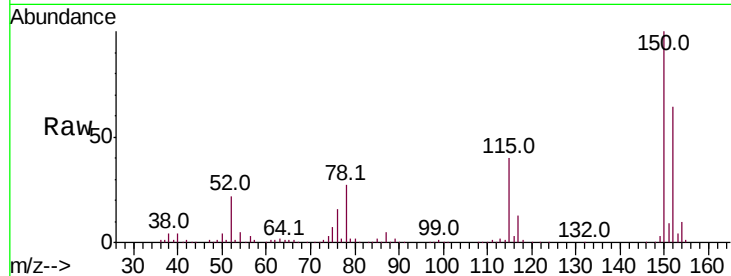
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.3	50.1	75.1

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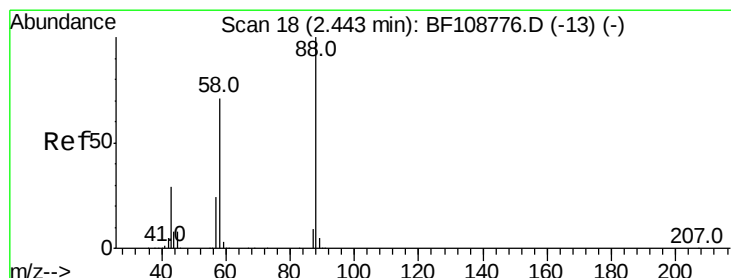
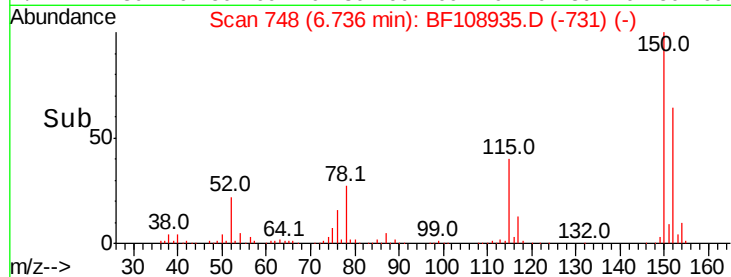
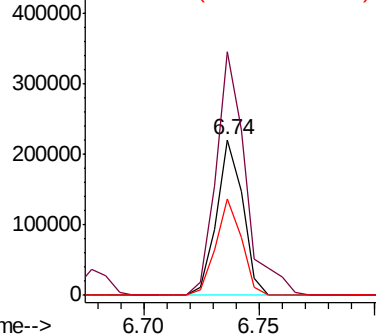


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

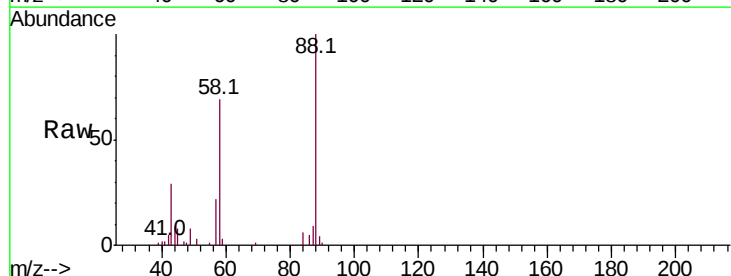
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.721 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	30.5	24.6	37.0

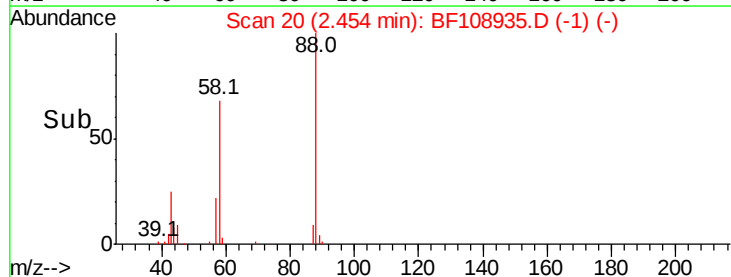
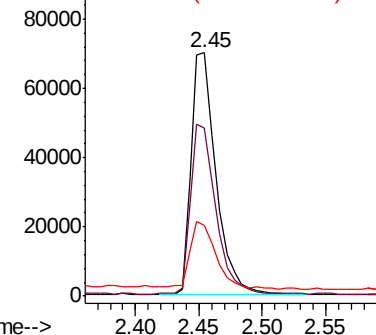


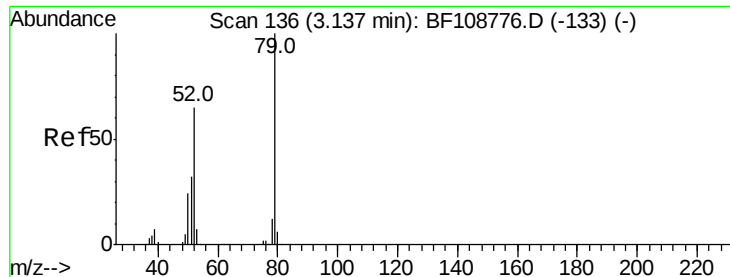
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.119 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

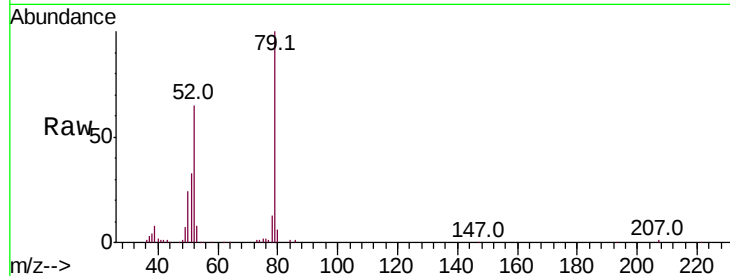
ClientSampleId :

EP1-WS-COMP-18MSD

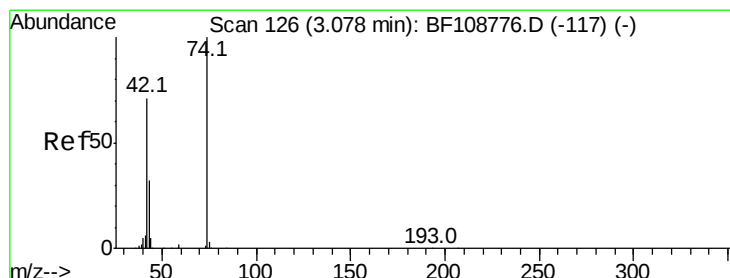
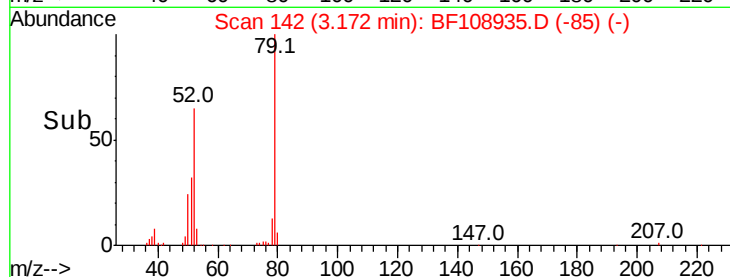
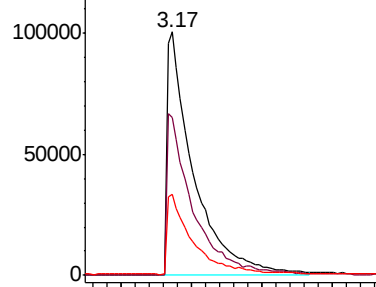
Tot Ion:	79	Resp:	268098
Ion Ratio	Lower	Upper	
79	100		
52	64.9	59.8	89.6
51	33.2	29.8	44.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 23.225 ng

RT: 3.08 min Scan# 127

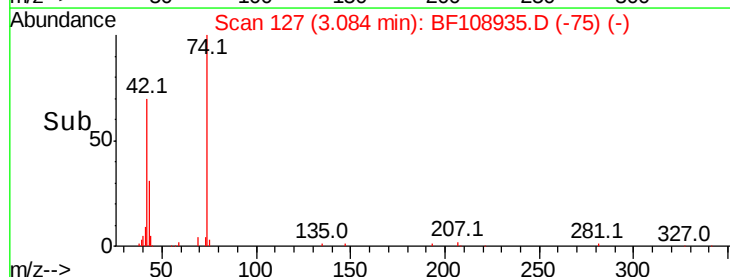
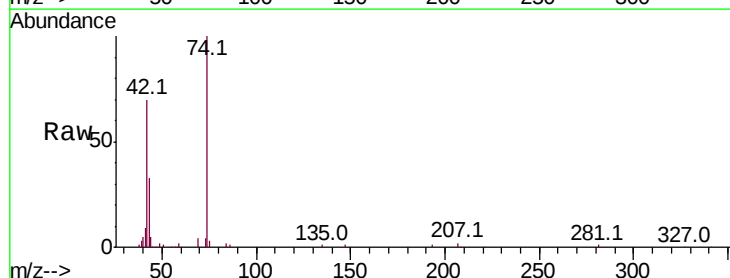
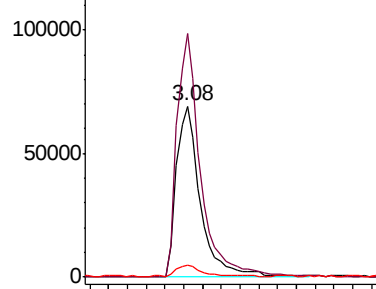
Delta R.T. 0.01 min

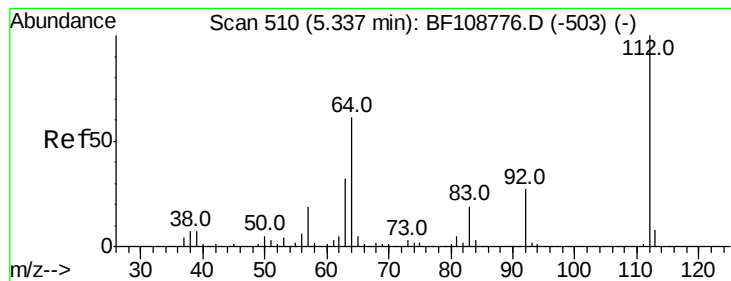
Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Tgt Ion:	42	Resp:	125085
Ion Ratio	Lower	Upper	
42	100		
74	142.3	104.9	157.3
44	7.3	6.9	10.3

Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





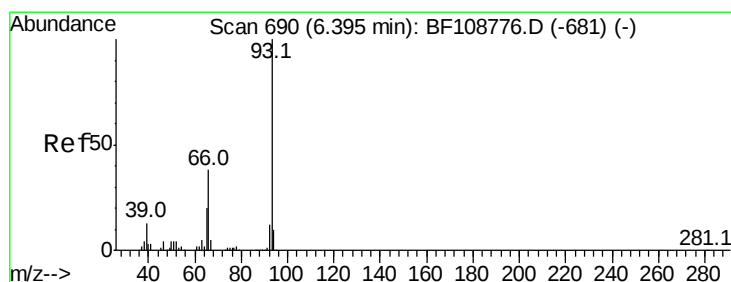
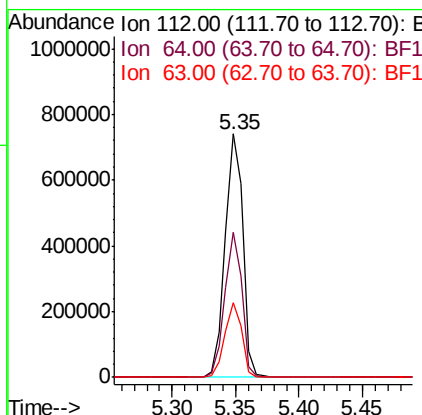
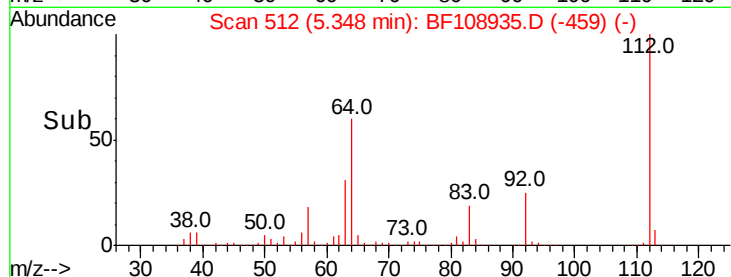
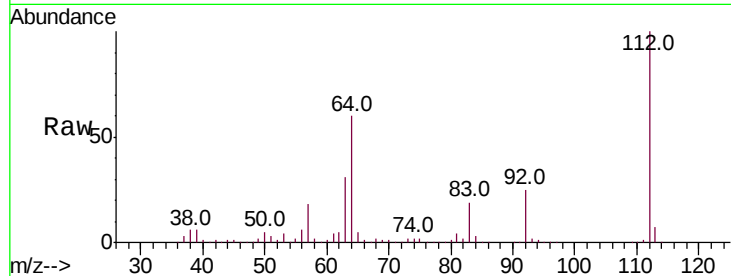
#5
2-Fluorophenol
Concen: 67.451 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
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ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.5	47.9	71.9
63	30.5	23.7	35.5

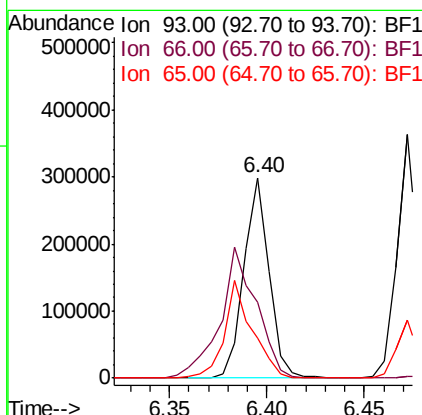
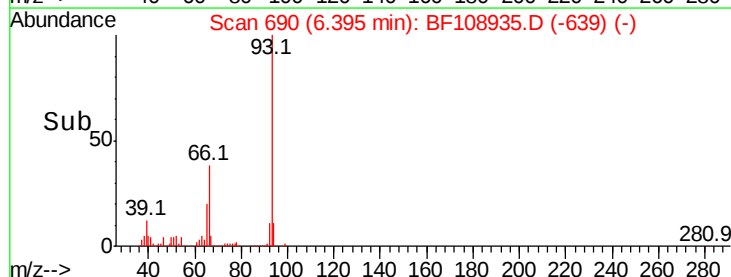
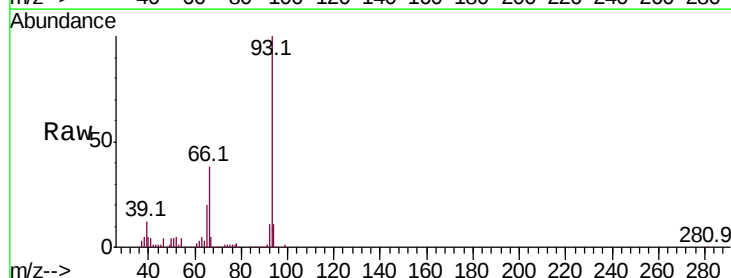
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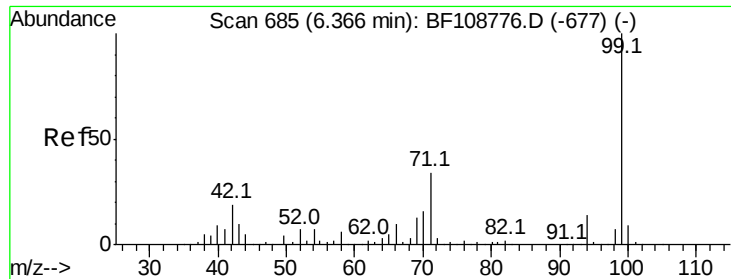
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#6
Aniline
Concen: 14.541 ng
RT: 6.40 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.0	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 67.839 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

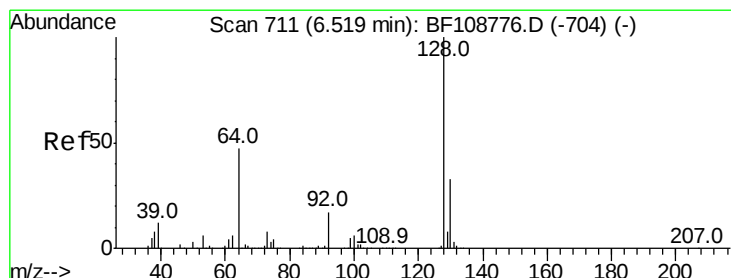
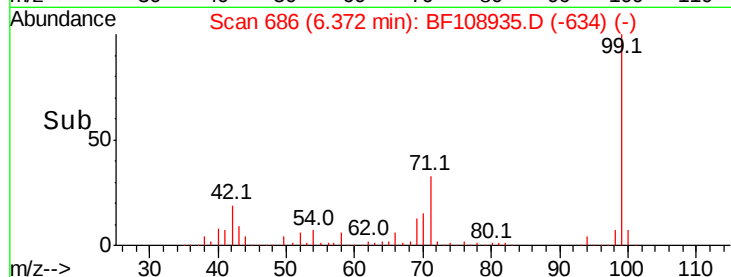
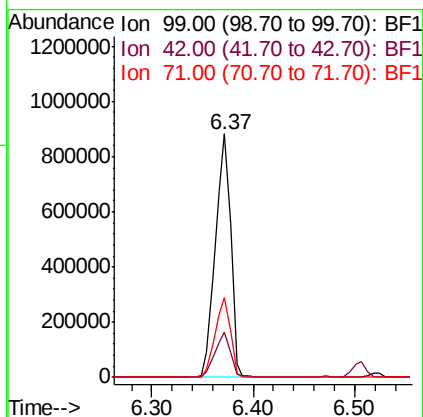
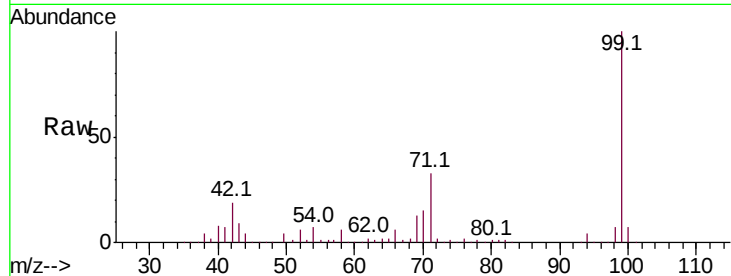
ClientSampleId :

EP1-WS-COMP-18MSD

Tot Ion:	99	Resp:	929975
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.5	21.7
71	32.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 23.044 ng

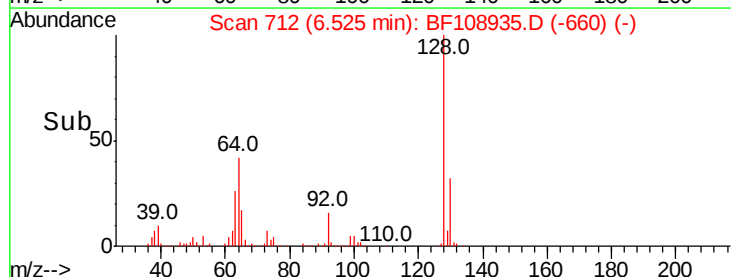
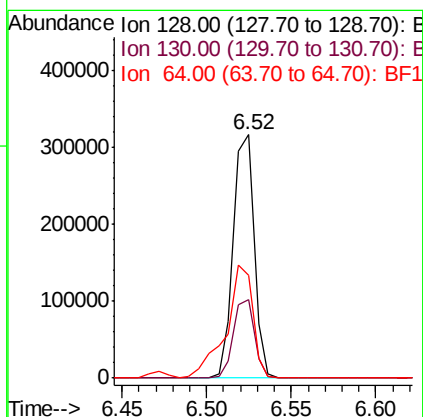
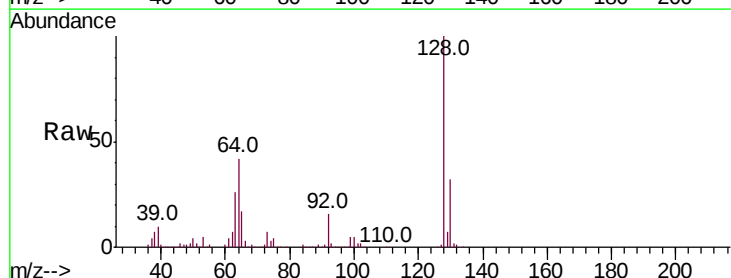
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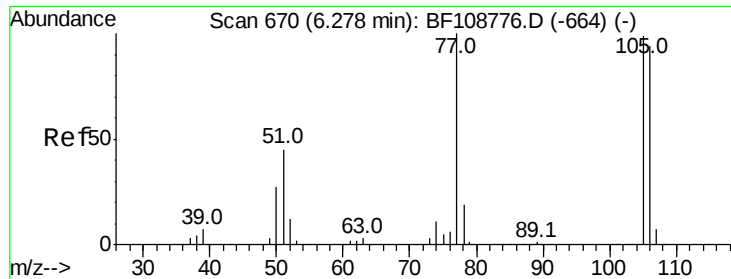
Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Tgt Ion:	128	Resp:	271755
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	42.1	29.4	69.4





#9

Benzaldehyde

Concen: 14.280 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

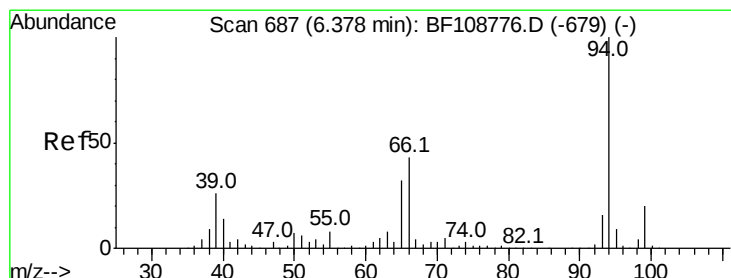
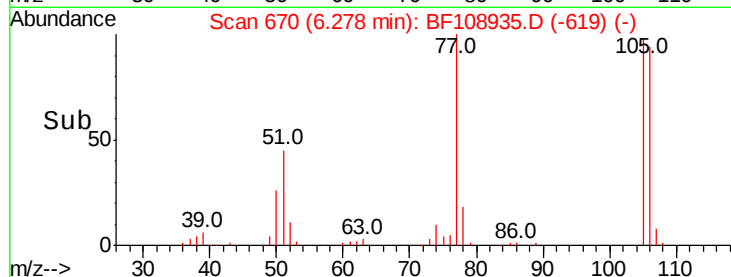
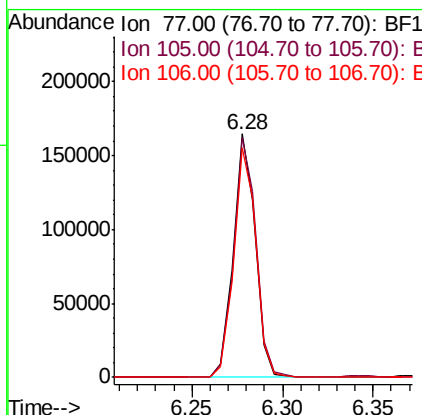
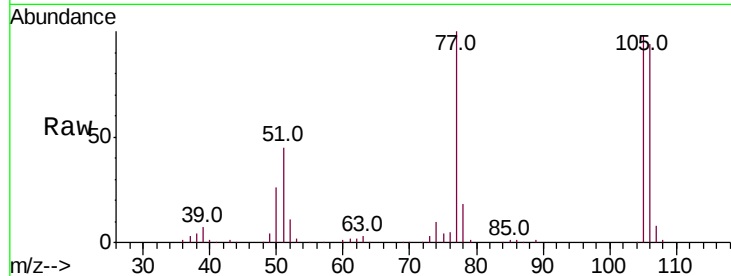
ClientSampleId :

EP1-WS-COMP-18MSD

Tot Ion:	77	Resp:	138877
Ion Ratio	Lower	Upper	
77	100		
105	98.3	81.1	121.1
106	94.4	74.5	114.5

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#10

Phenol

Concen: 22.103 ng

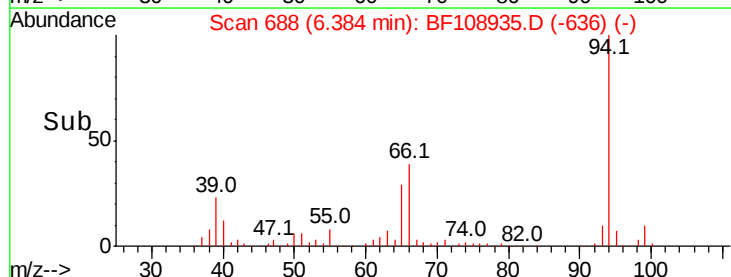
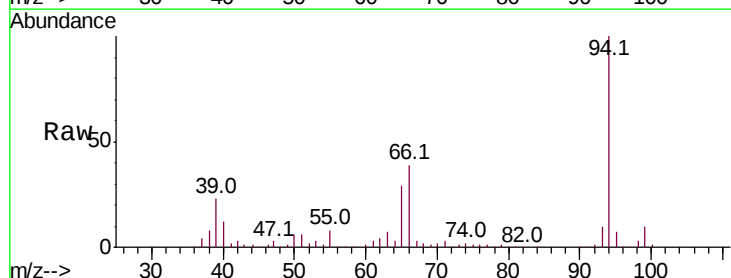
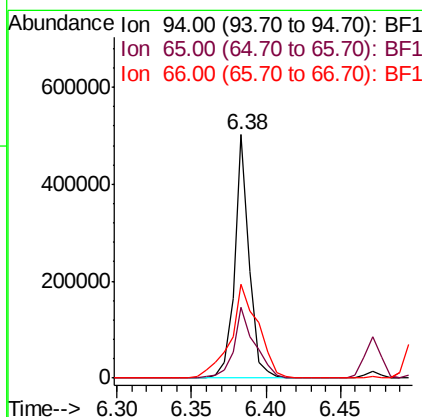
RT: 6.38 min Scan# 688

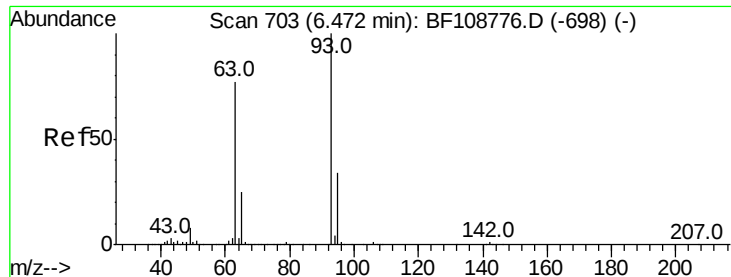
Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Tgt Ion:	94	Resp:	347038
Ion Ratio	Lower	Upper	
94	100		
65	29.0	7.9	47.9
66	38.7	16.2	56.2





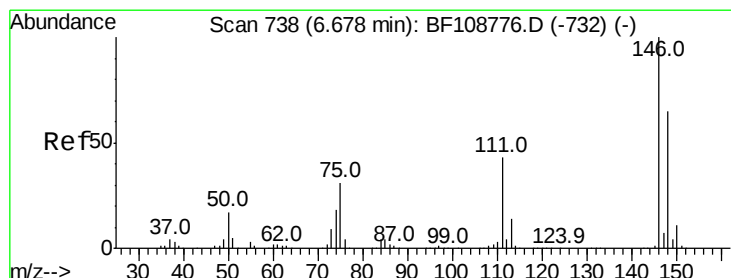
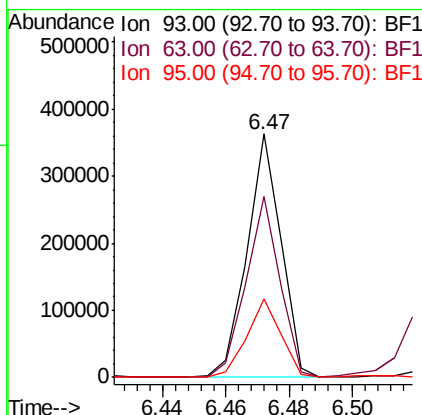
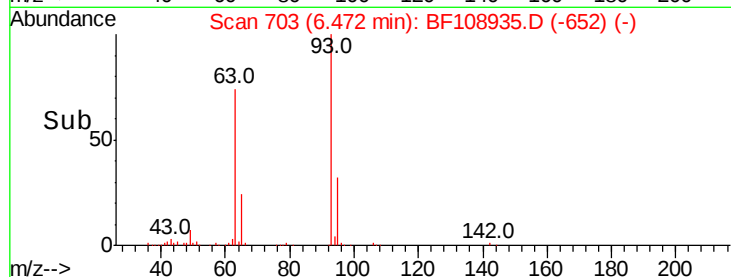
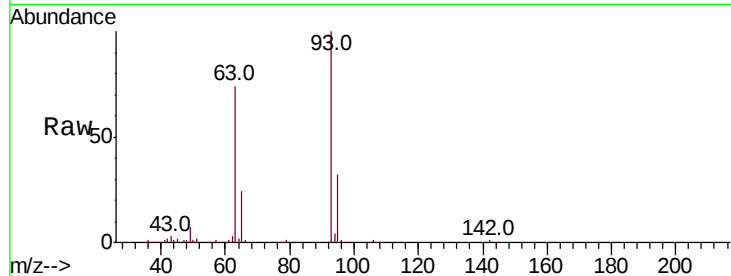
#11
bis(2-Chloroethyl)ether
Concen: 21.329 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	268278		
63	74.4	58.6	98.6	
95	32.3	11.8	51.8	

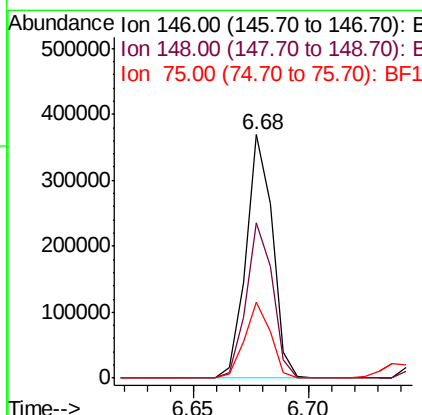
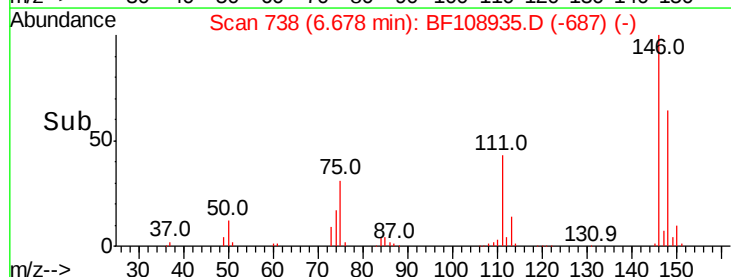
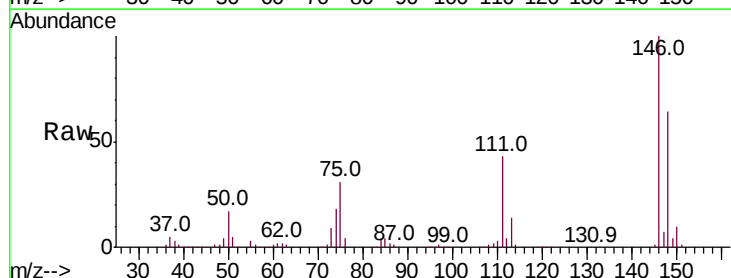
Manual Integrations
APPROVED

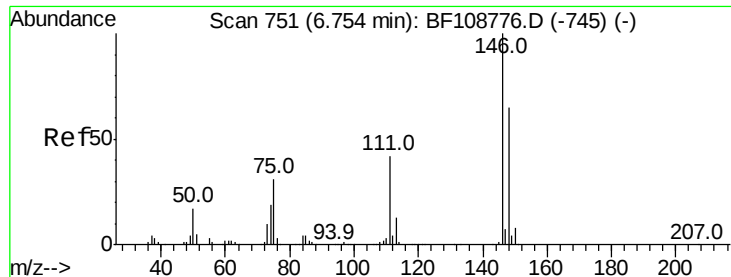
Sohil
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#12
1,3-Dichlorobenzene
Concen: 21.954 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295448		
148	63.6	51.8	77.8	
75	31.4	24.2	36.4	





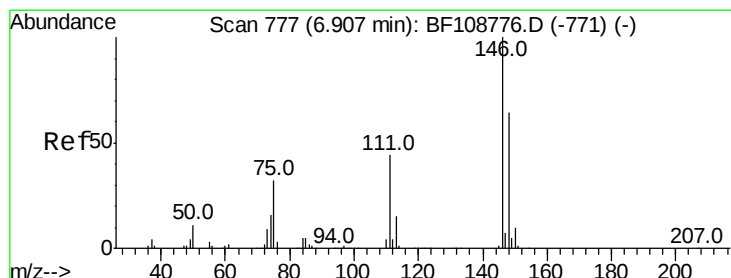
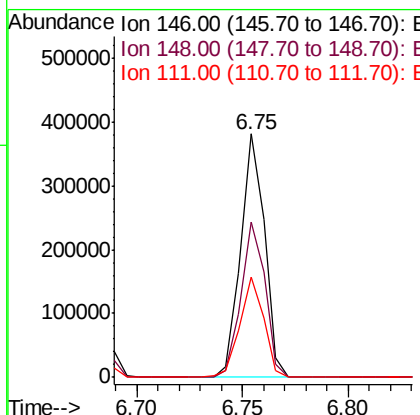
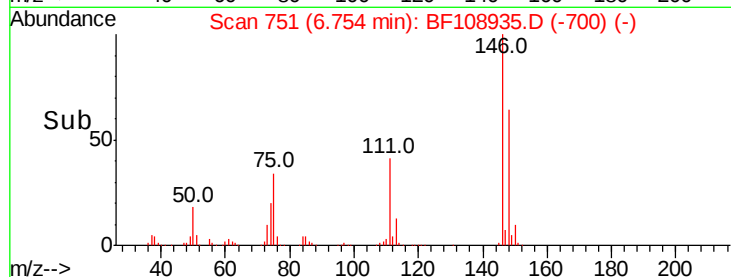
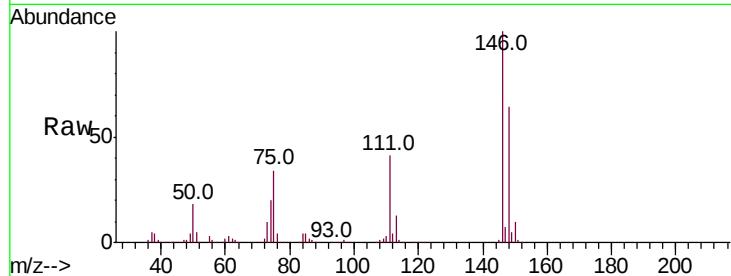
#13
 1,4-Dichlorobenzene
 Concen: 22.122 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.1	34.2	51.2

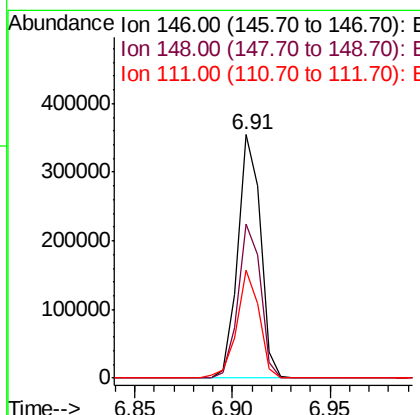
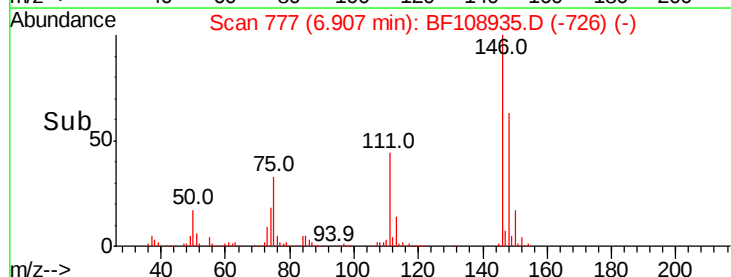
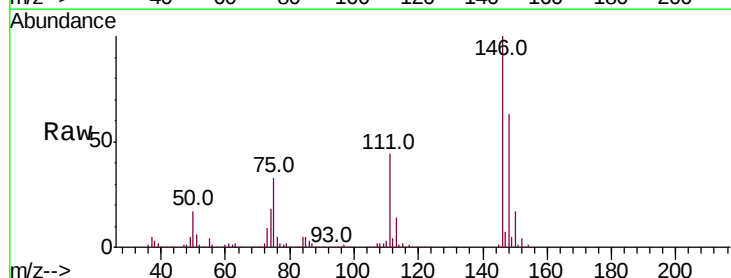
Manual Integrations
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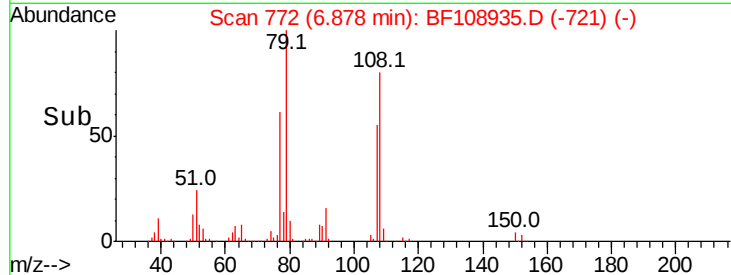
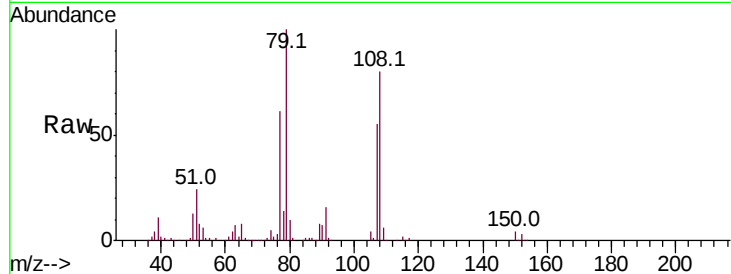
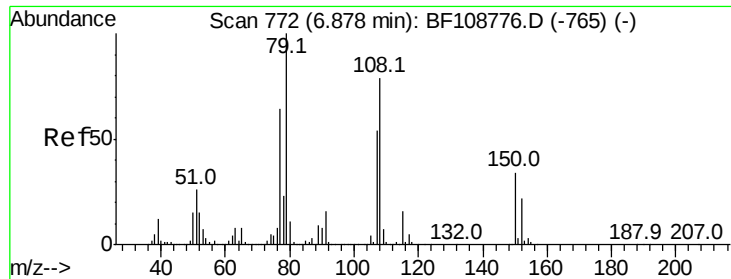
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#14
 1,2-Dichlorobenzene
 Concen: 23.067 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.3	36.0	54.0





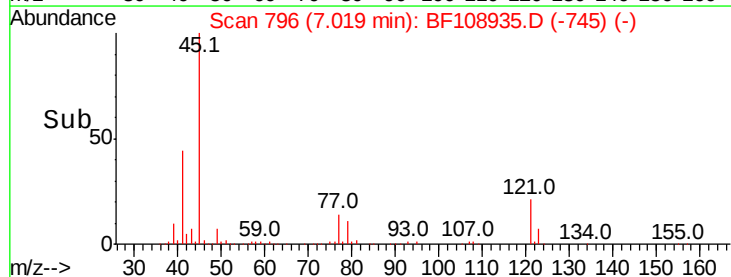
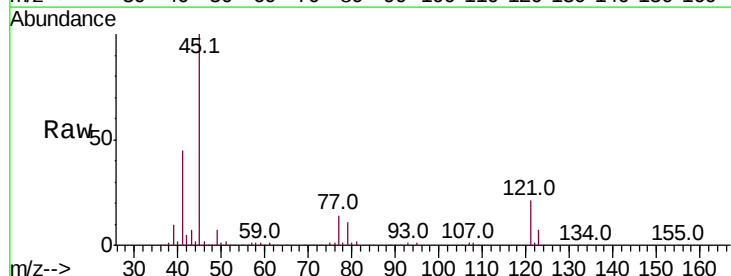
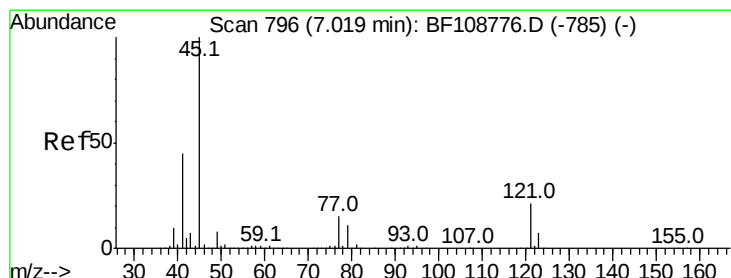
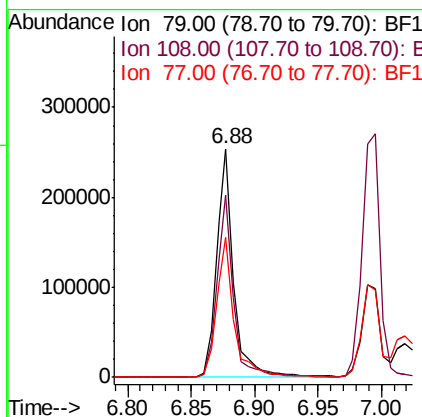
#15
Benzyl Alcohol
Concen: 23.041 ng
RT: 6.88 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.7	65.1	97.7	
77	61.5	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

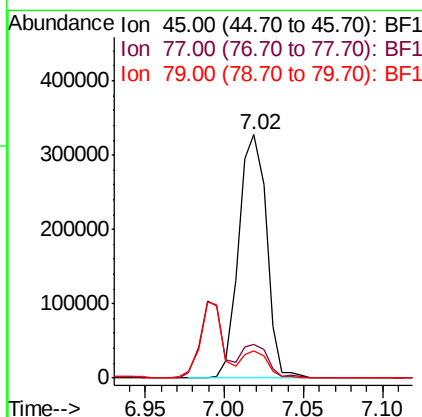
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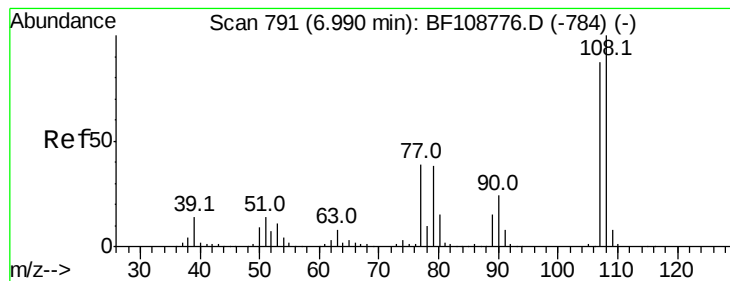
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.219 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.1	0.0	32.9	
79	11.3	0.0	29.6	





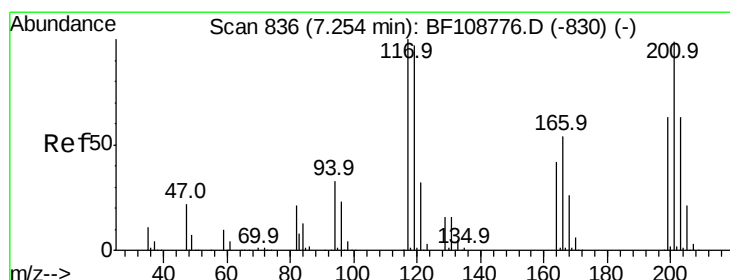
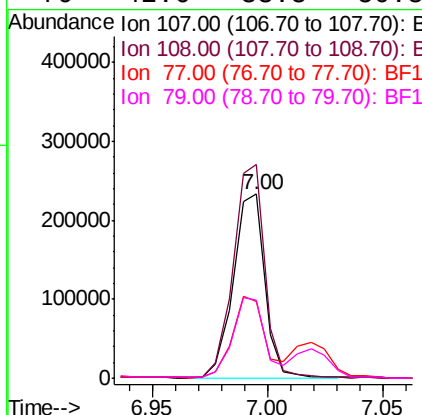
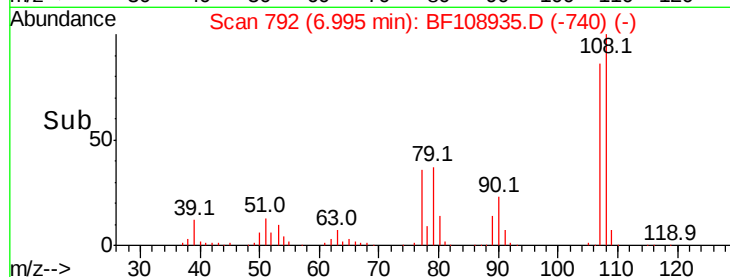
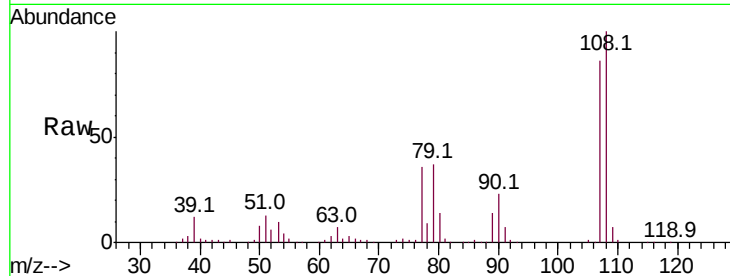
#17
2-Methylphenol
Concen: 22.269 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	91.7	137.5	
77	41.7	33.8	50.8	
79	42.6	33.8	50.8	

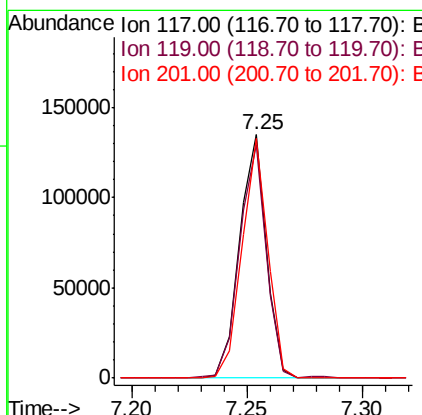
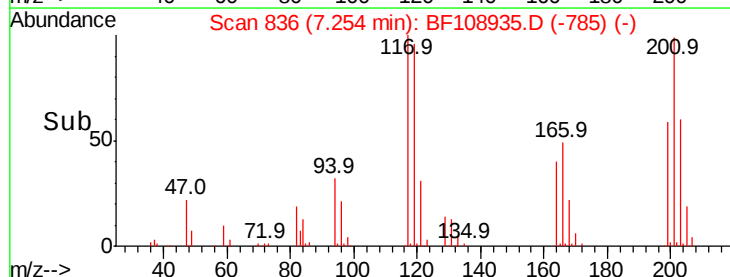
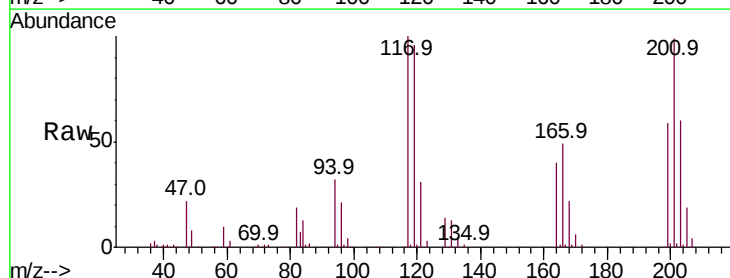
Manual Integrations
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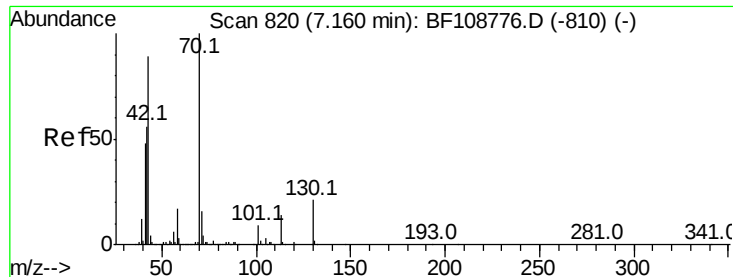
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#18
Hexachloroethane
Concen: 22.431 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.8	113.8	
201	98.6	75.7	113.5	





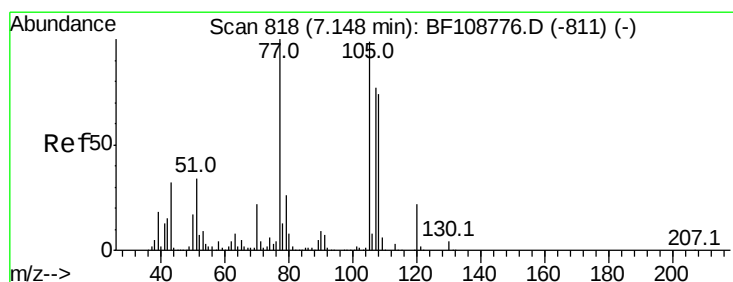
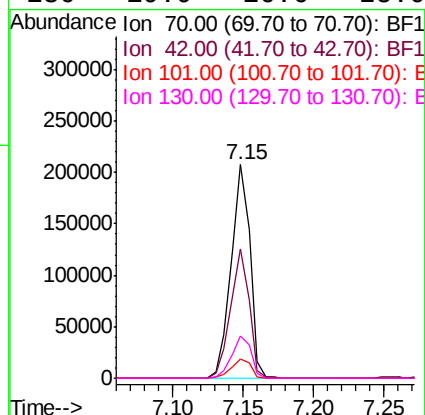
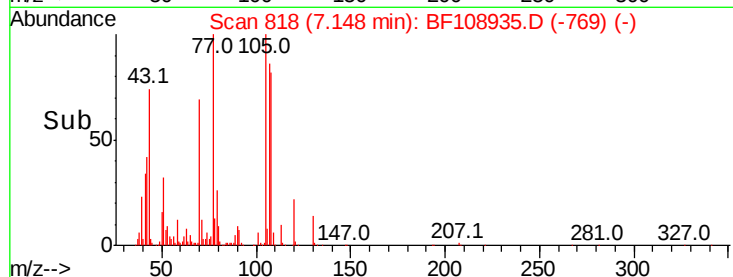
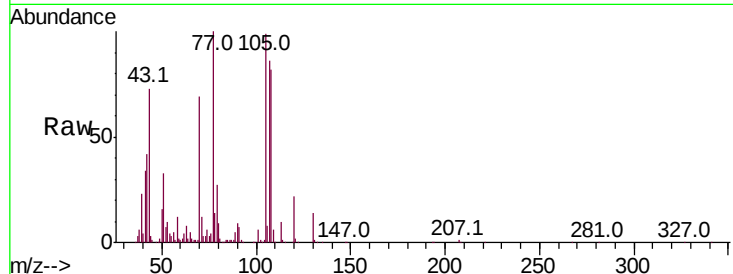
#19
n-Nitroso-di-n-propylamine
Concen: 20.314 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		193570		
42	60.6	47.5	71.3		
101	9.2	7.4	11.2		
130	19.9	16.6	25.0		

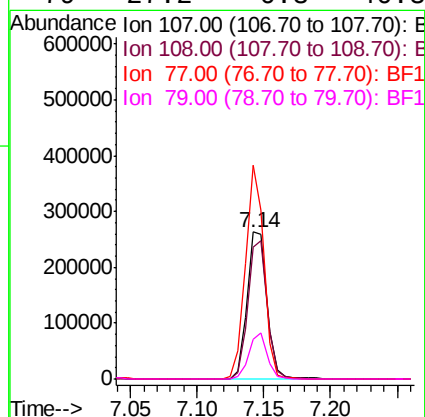
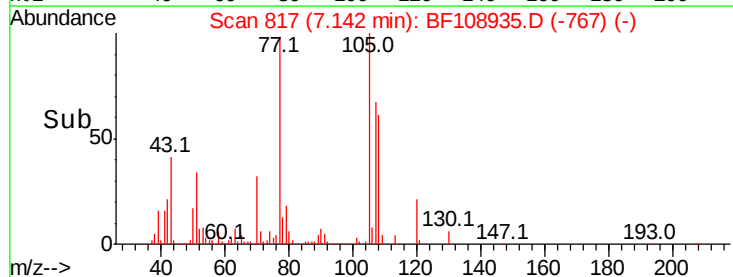
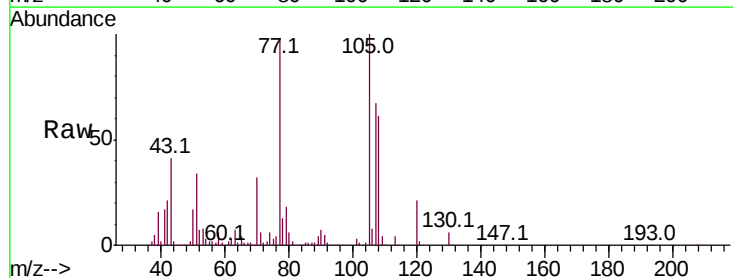
Manual Integrations
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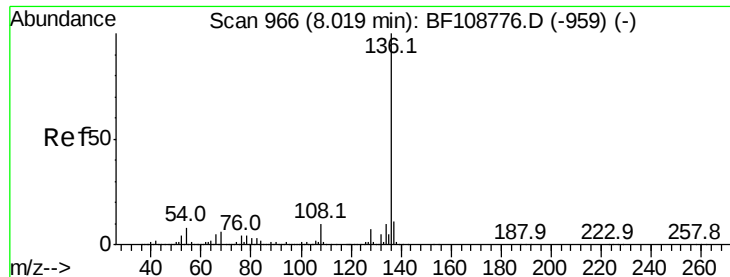
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#20
3+4-Methylphenols
Concen: 23.070 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		269339		
108	89.9	68.2	108.2		
77	145.5	26.7	66.7#		
79	27.2	6.3	46.3		





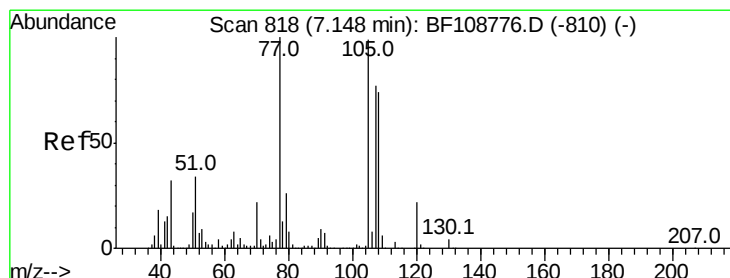
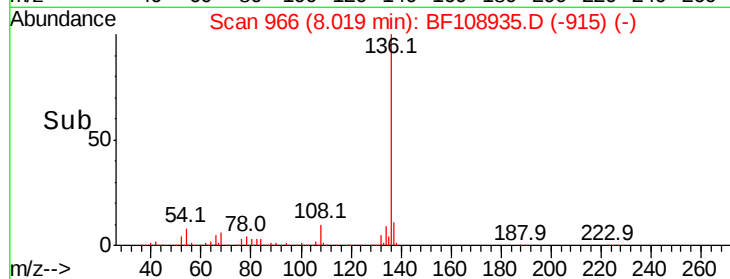
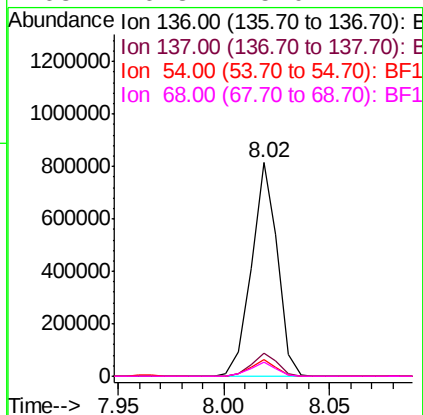
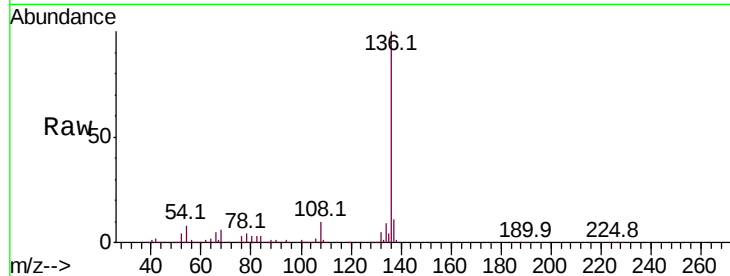
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	690568		
137	10.9		8.9	13.3
54	7.6		6.6	9.8
68	6.3		5.0	7.4

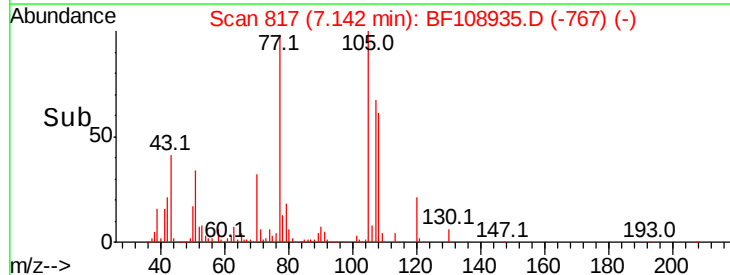
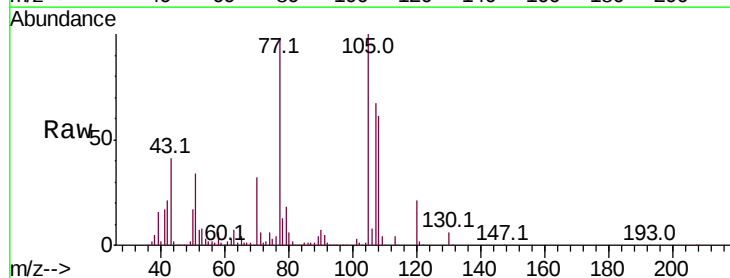
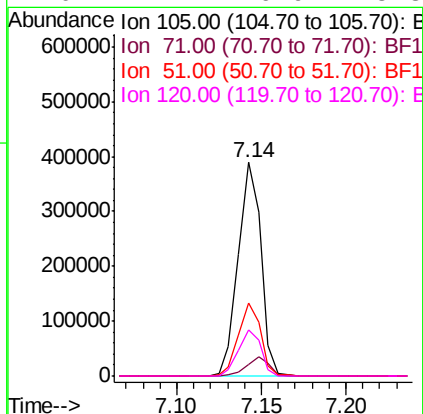
Manual Integrations
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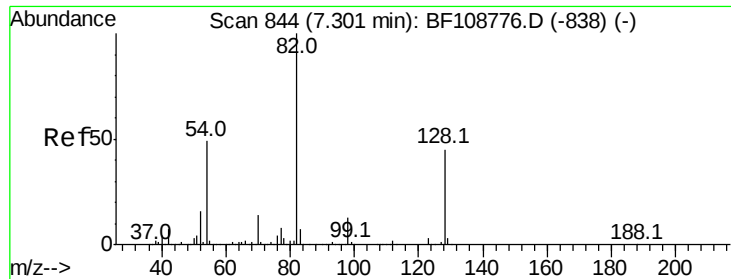
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#22
Acetophenone
Concen: 23.292 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365049		
71	5.6		4.4	6.6
51	34.1		22.3	33.5#
120	21.4		16.9	25.3





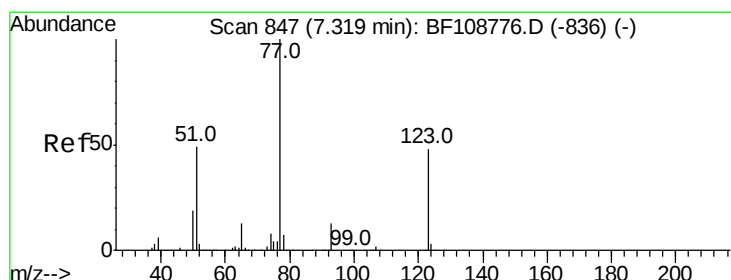
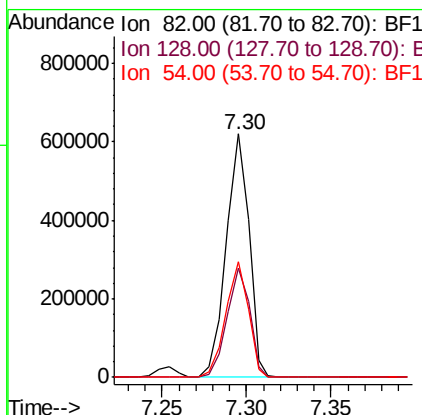
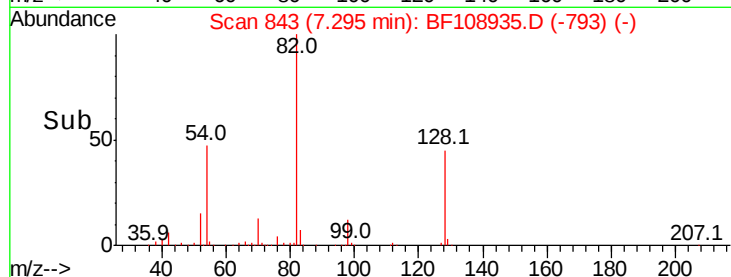
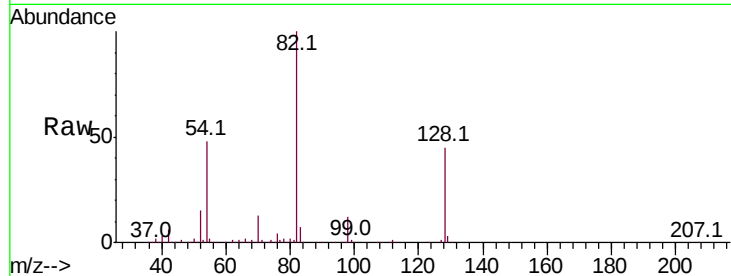
#23
 Nitrobenzene-d5
 Concen: 52.786 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	47.5	41.4	62.2

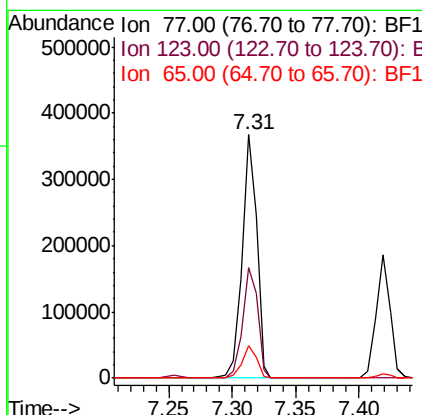
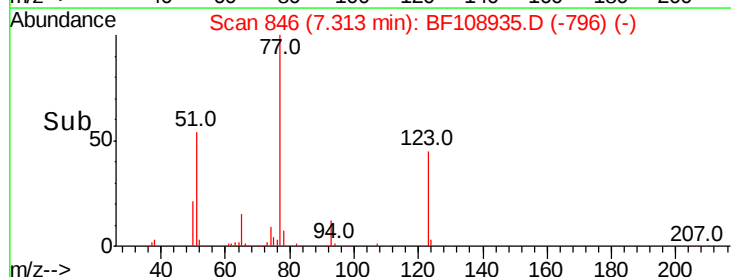
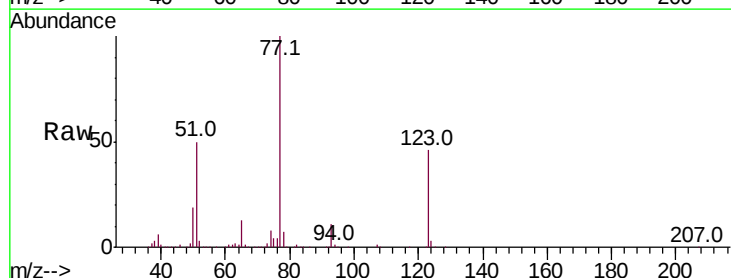
Manual Integrations
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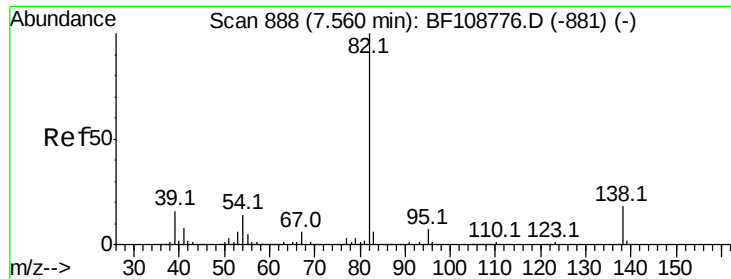
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#24
 Nitrobenzene
 Concen: 24.461 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 24.043 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

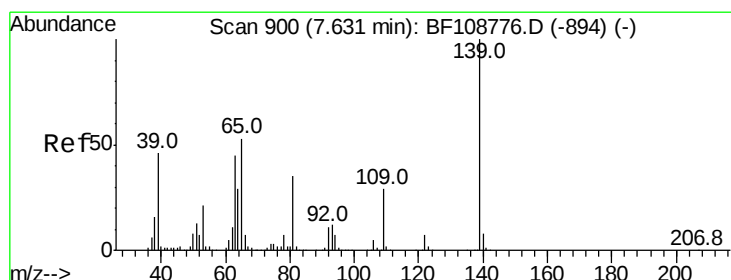
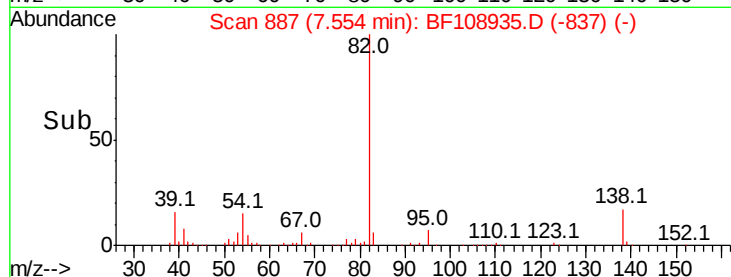
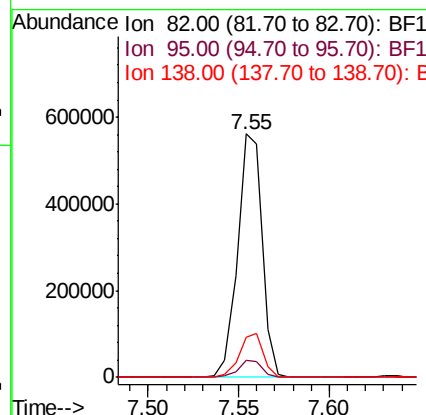
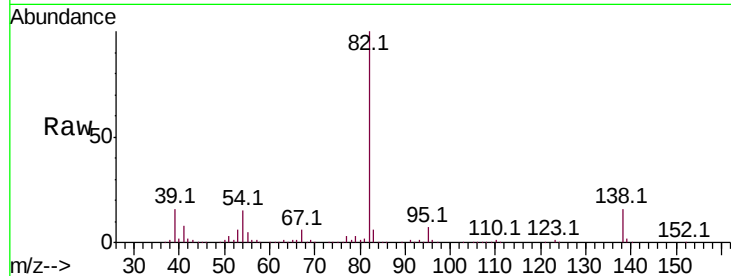
ClientSampleId :

EP1-WS-COMP-18MSD

Tot Ion:	82	Resp:	529208
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	16.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.955 ng

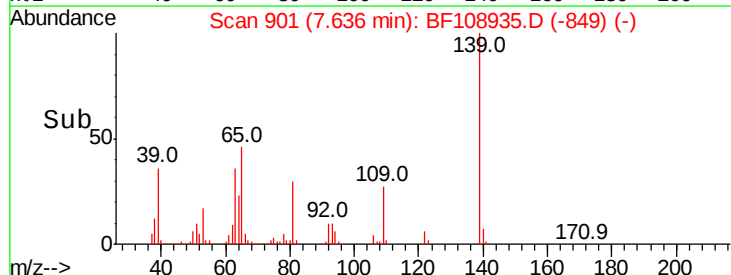
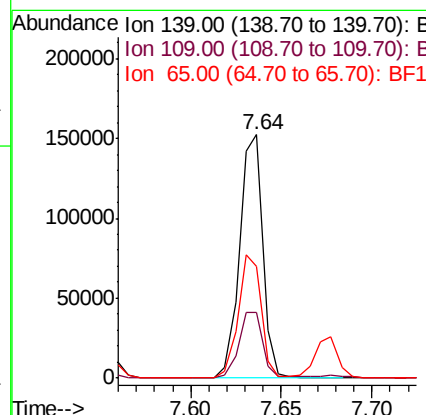
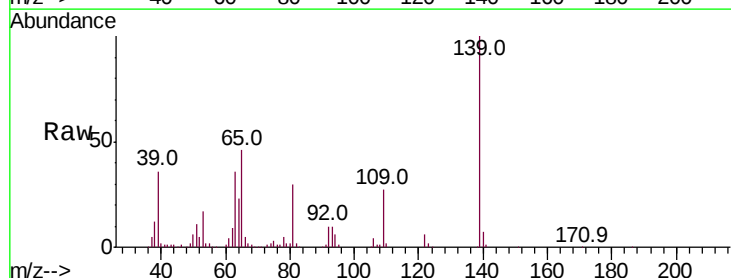
RT: 7.64 min Scan# 901

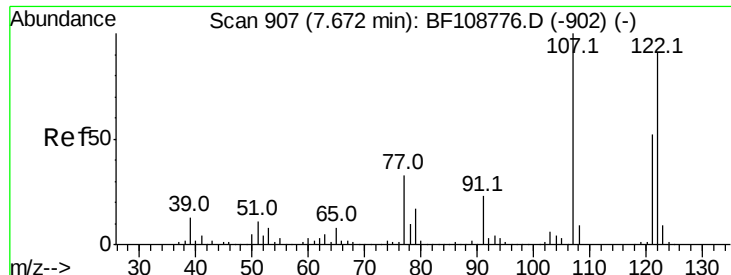
Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Tgt Ion:	139	Resp:	135062
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.7	34.1
65	45.8	40.5	60.7





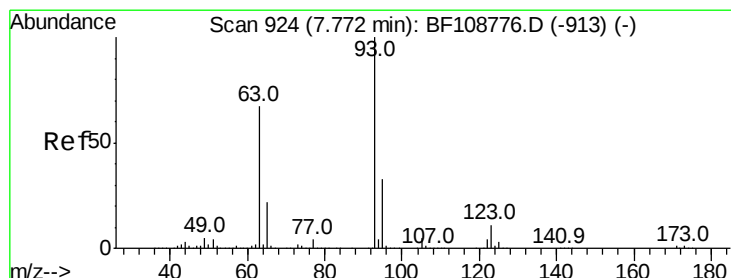
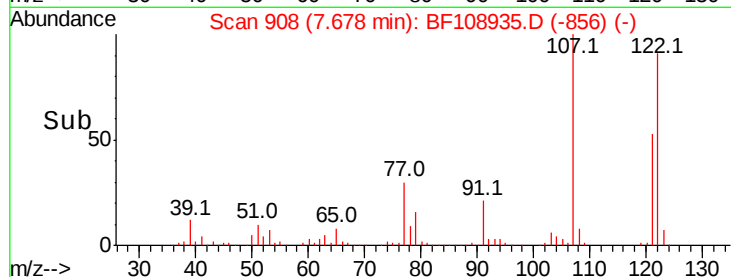
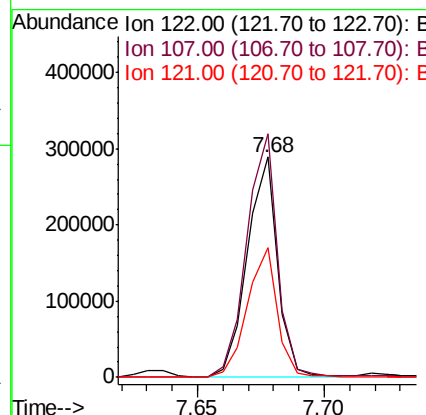
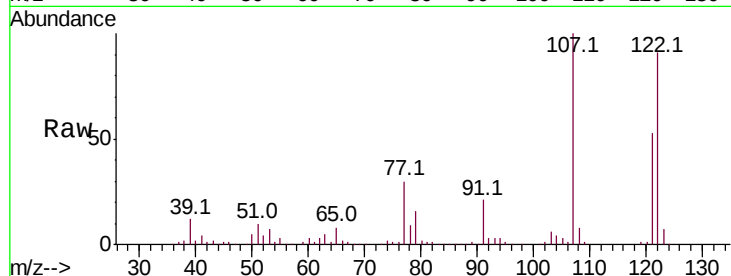
#27
2,4-Dimethylphenol
Concen: 25.588 ng
RT: 7.68 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	242376		
107	110.5	91.2	136.8	
121	58.9	47.2	70.8	

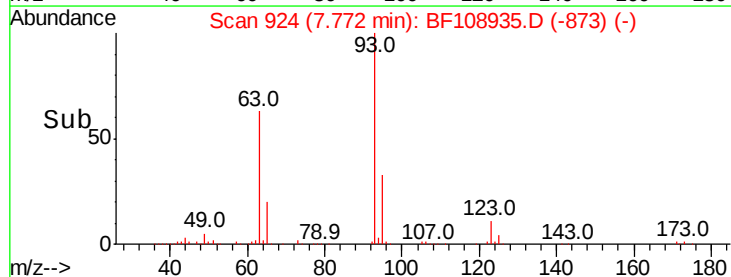
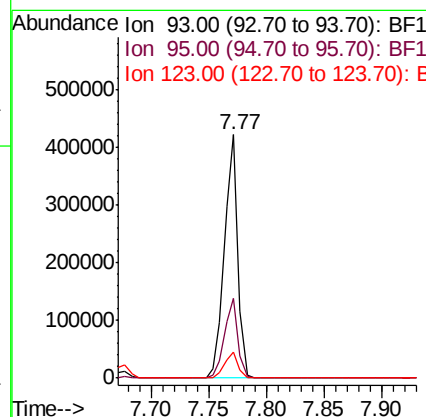
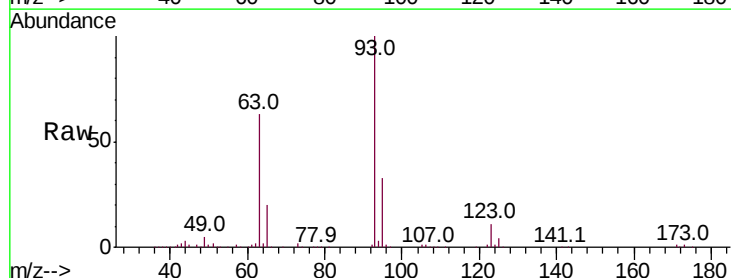
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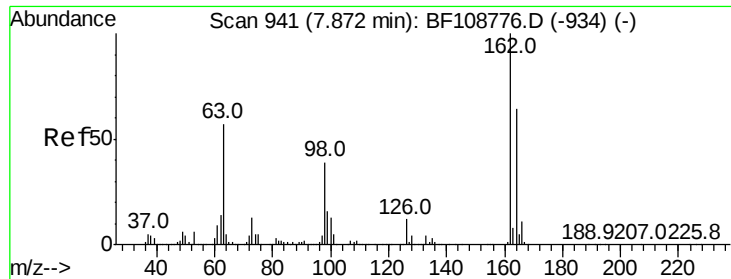
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9/12/2018 9:11:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 23.111 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	340098		
95	33.0	26.3	39.5	
123	10.9	9.8	14.6	





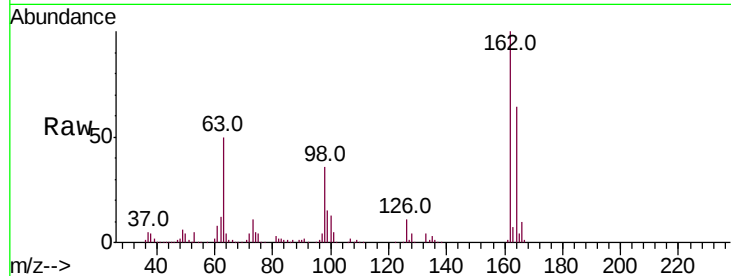
#29
 2,4-Dichlorophenol
 Concen: 23.141 ng
 RT: 7.88 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

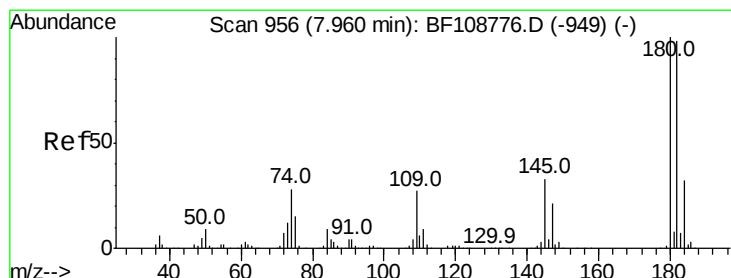
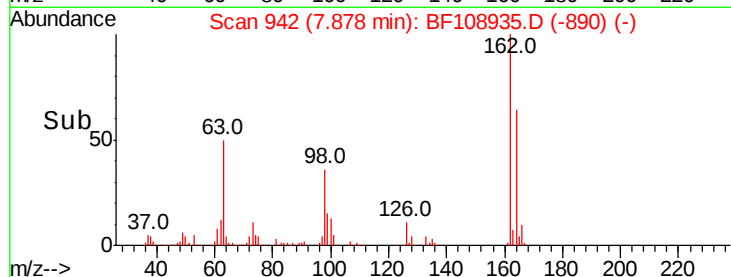
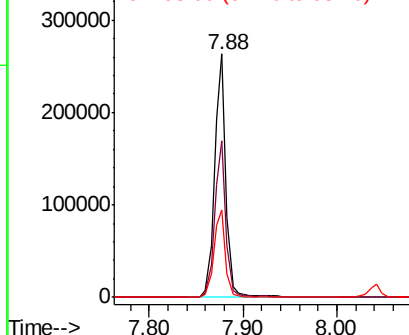
Tot Ion:	162	Resp:	226023
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	36.1	18.1	58.1

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 9/12/2018 9:11:54 AM

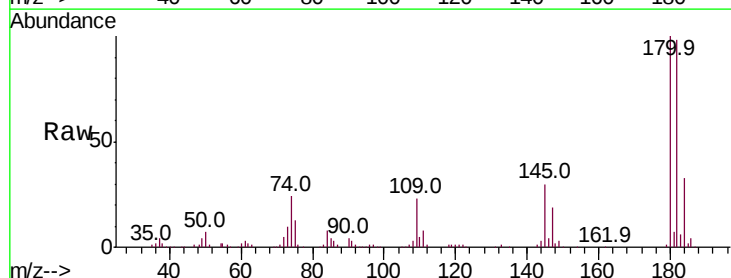


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

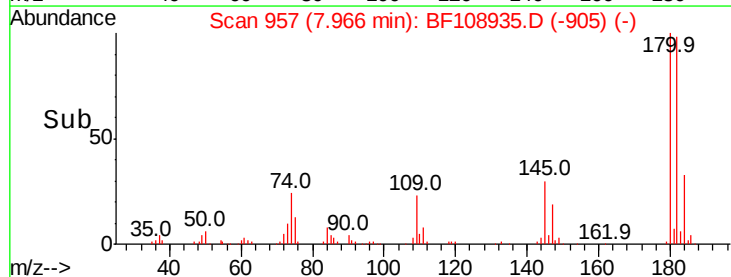
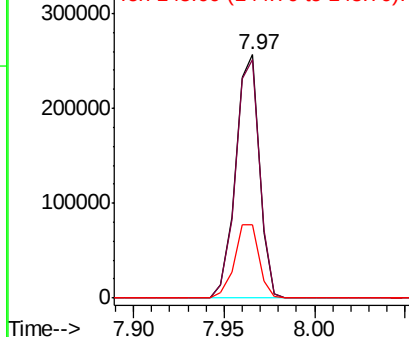


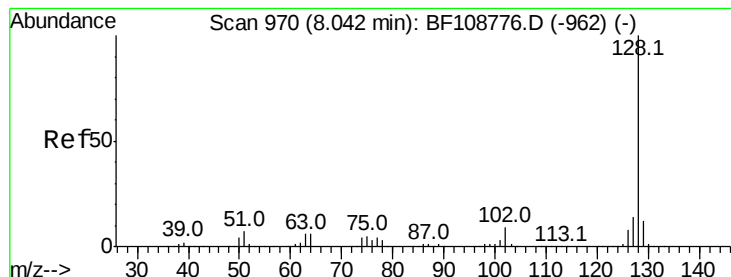
#30
 1,2,4-Trichlorobenzene
 Concen: 22.175 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion:	180	Resp:	234726
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.8	115.2
145	30.3	26.5	39.7



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





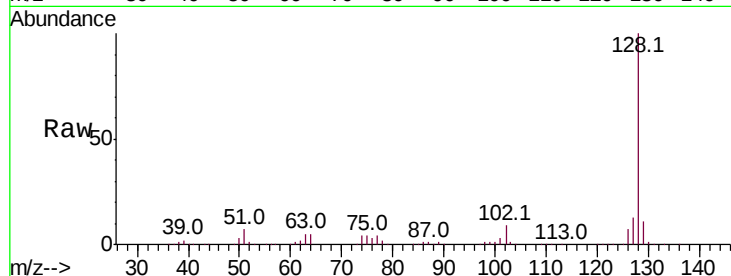
#31
Naphthalene
Concen: 25.428 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.1	10.9	16.3

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9/12/2018 9:11:54 AM

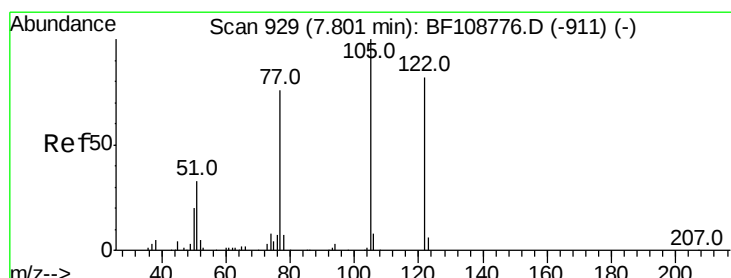
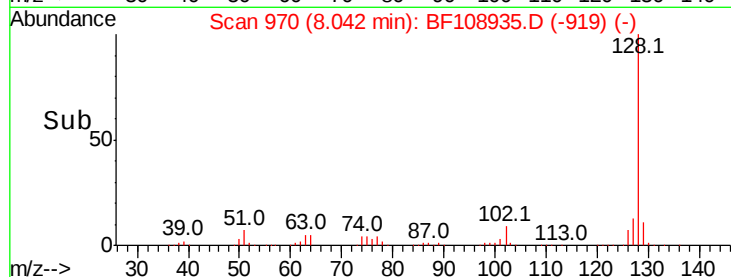
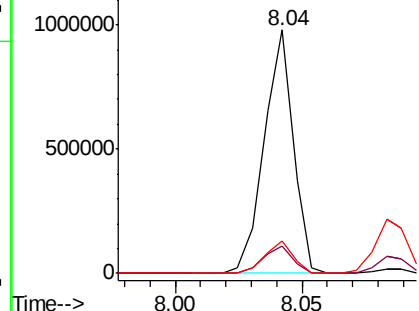


Abundance

Ion 128.00 (127.70 to 128.70): E

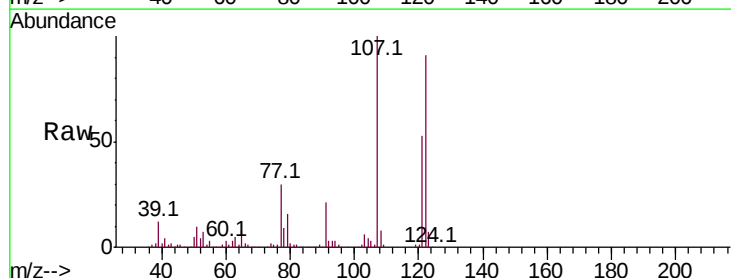
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.532 ng
RT: 7.68 min Scan# 908
Delta R.T. -0.12 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	3.6	101.1	141.1#
77	33.2	70.7	110.7#

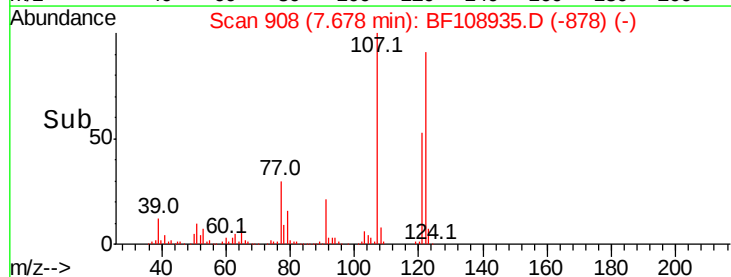
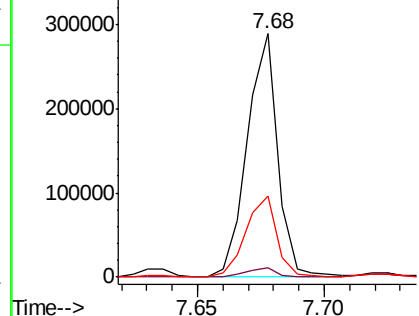


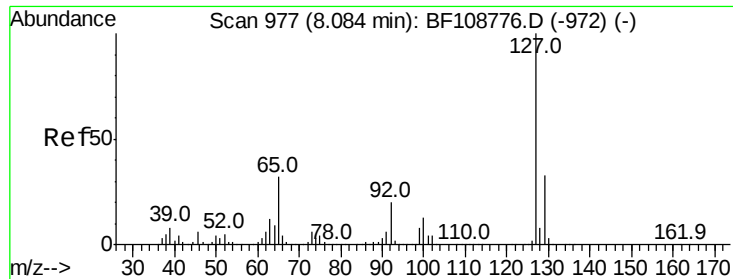
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





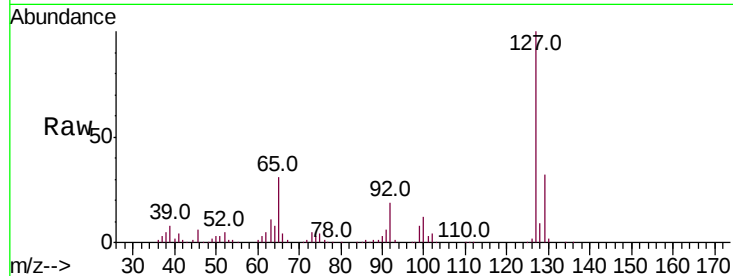
#33
4-Chloroaniline
Concen: 13.975 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

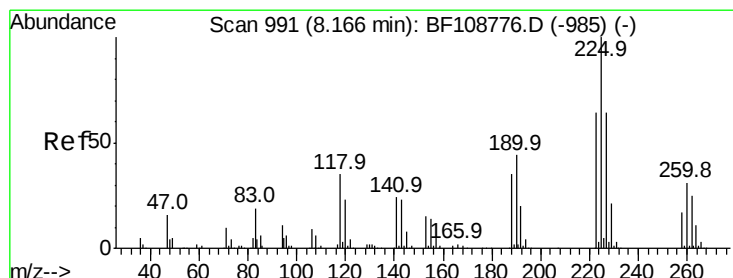
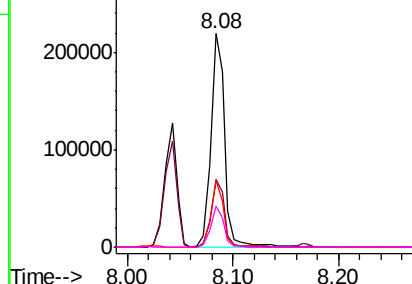
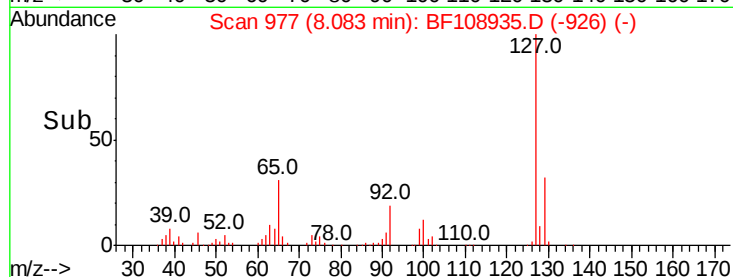
Tot Ion	Ratio	Resp	Lower	Upper
127	100	199417		
129	31.9	25.9	38.9	
65	31.3	25.0	37.4	
92	19.0	15.2	22.8	

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9/12/2018 9:11:54 AM

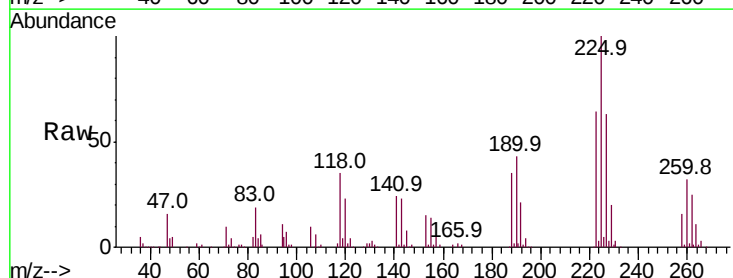


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

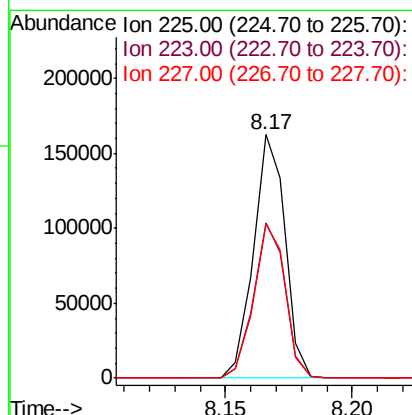
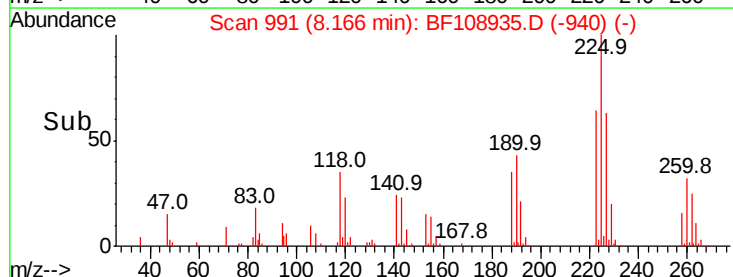


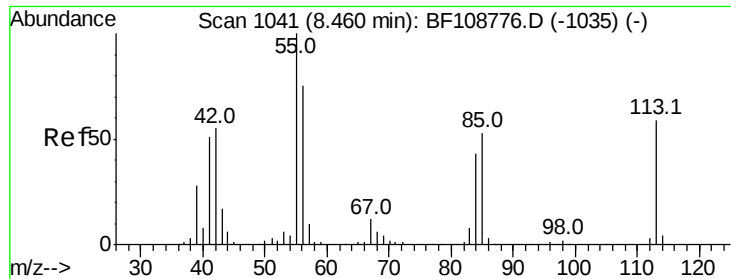
#34
Hexachlorobutadiene
Concen: 22.242 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140646		
223	63.7	50.6	76.0	
227	63.4	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





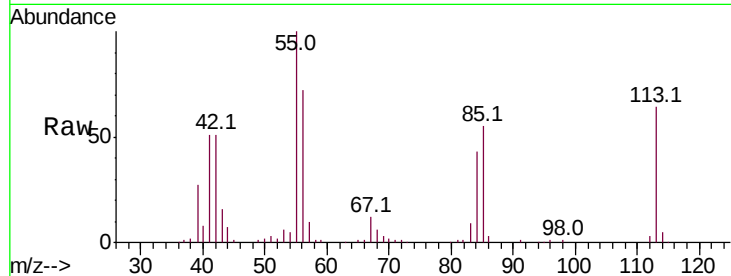
#35
 Caprolactam
 Concen: 20.979 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

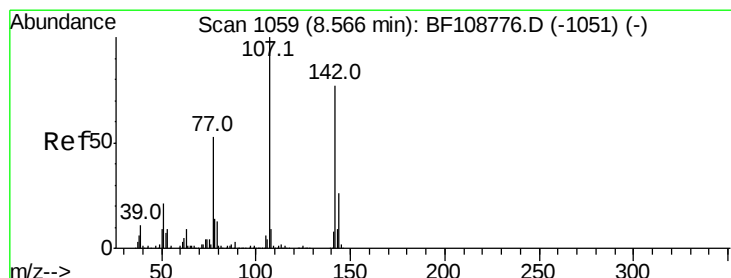
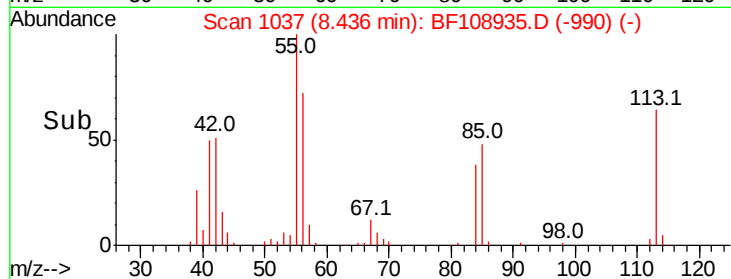
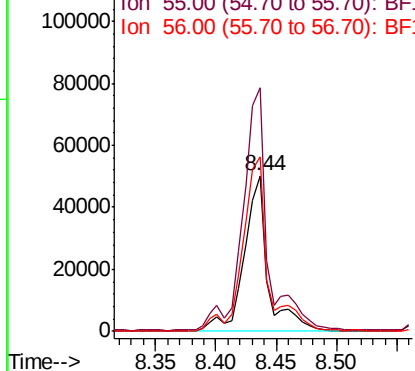
Tot Ion:113 Resp: 69434
 Ion Ratio Lower Upper
 113 100
 55 156.5 163.3 203.3#
 56 112.0 115.7 155.7#

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 9/12/2018 9:11:54 AM

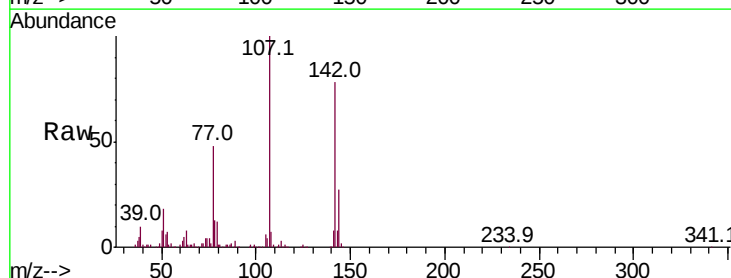


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

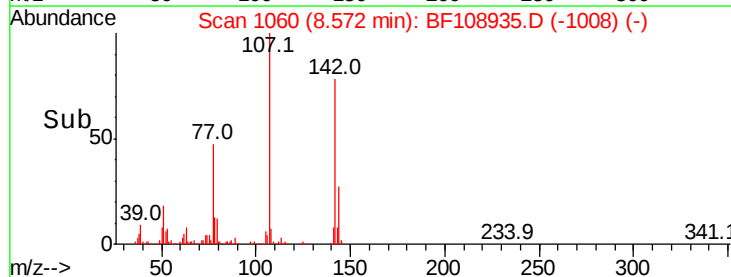
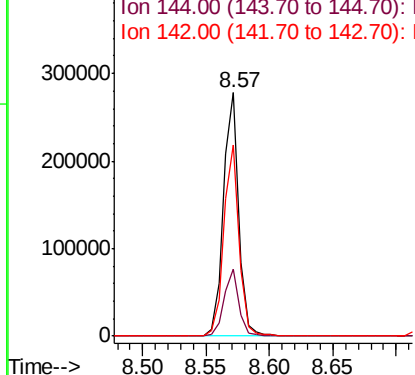


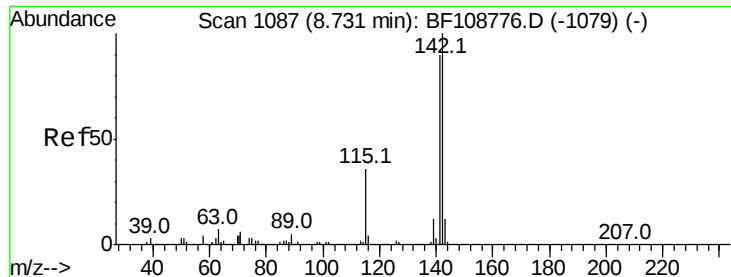
#36
 4-Chloro-3-methylphenol
 Concen: 22.561 ng
 RT: 8.57 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion:107 Resp: 234743
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 78.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





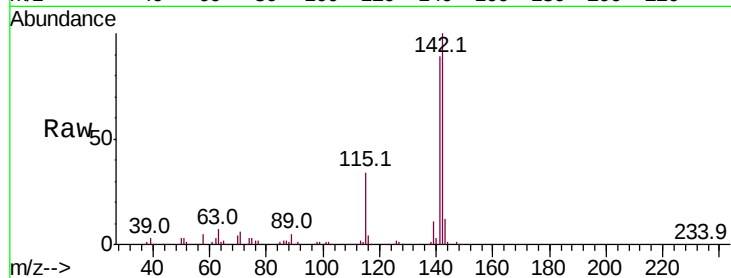
#37
2-Methylnaphthalene
Concen: 25.677 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.1	26.1	39.1

Manual Integrations
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9/12/2018 9:11:54 AM

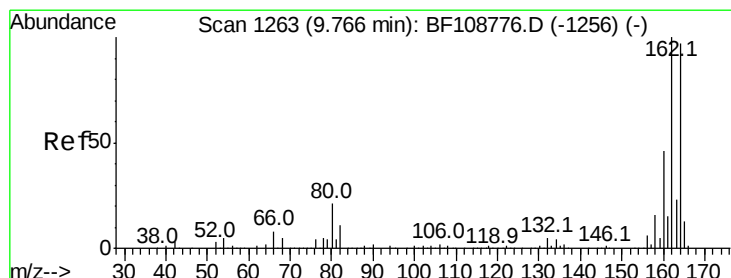
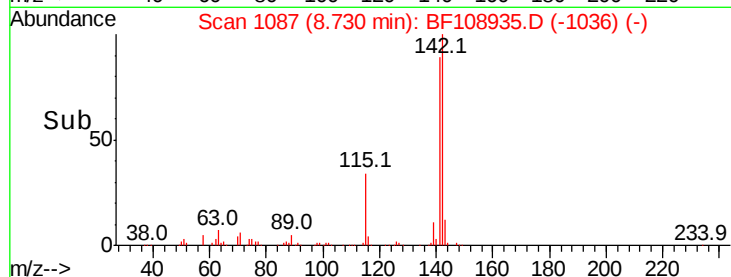
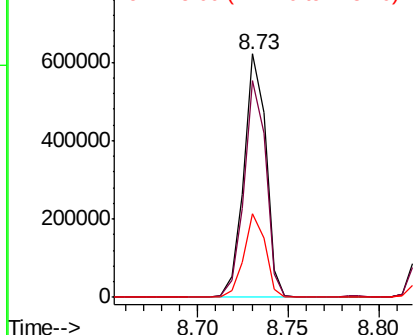


Abundance

Ion 142.00 (141.70 to 142.70): E

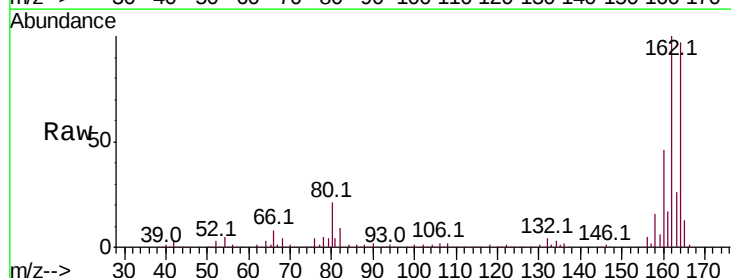
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.9	38.3	57.5

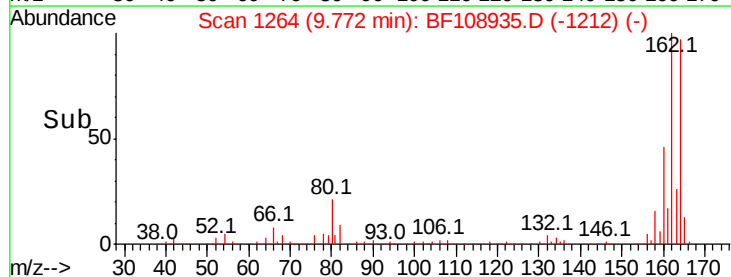
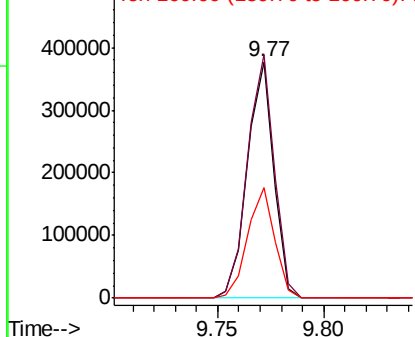


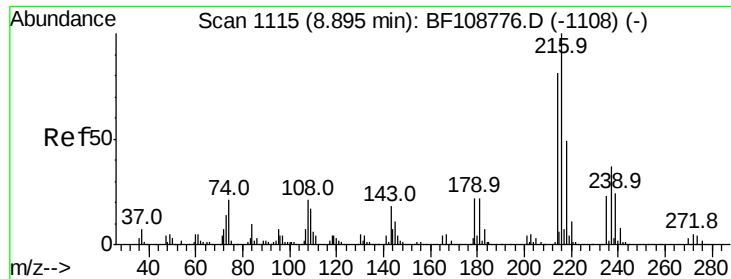
Abundance

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





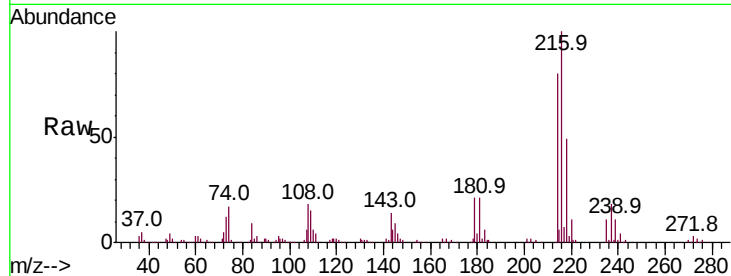
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.096 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

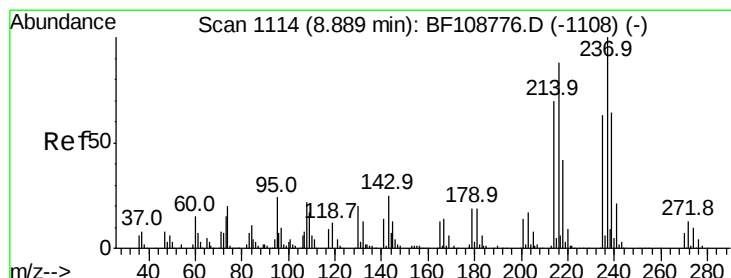
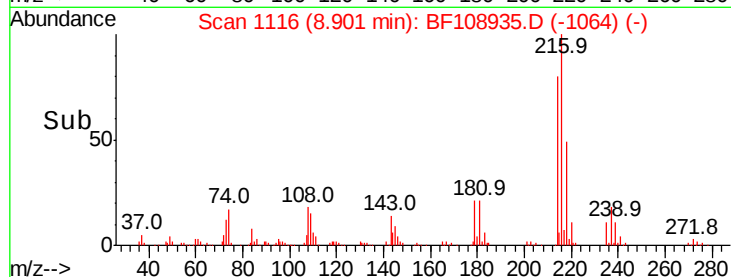
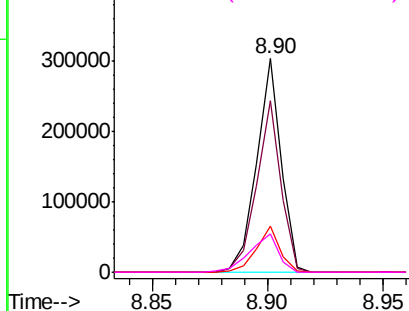
Tot Ion	Ratio	Resp	Lower	Upper
216	100	225789		
214	79.5	63.0	94.4	
179	20.6	18.1	27.1	
108	21.1	17.2	25.8	

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 9/12/2018 9:11:54 AM

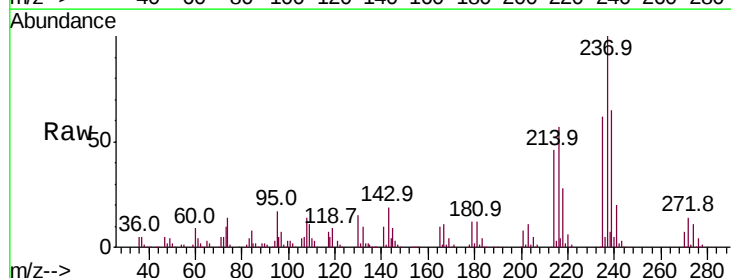


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

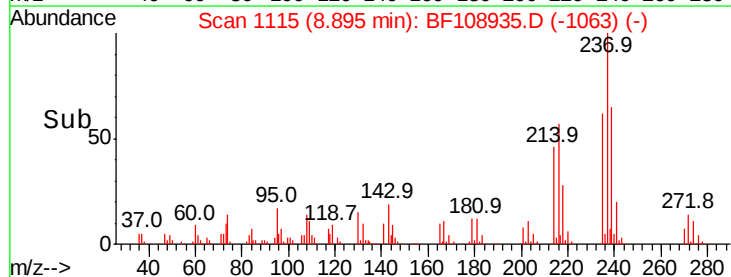
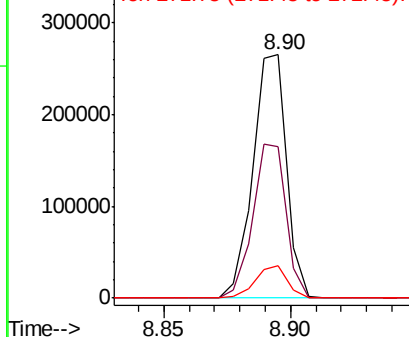


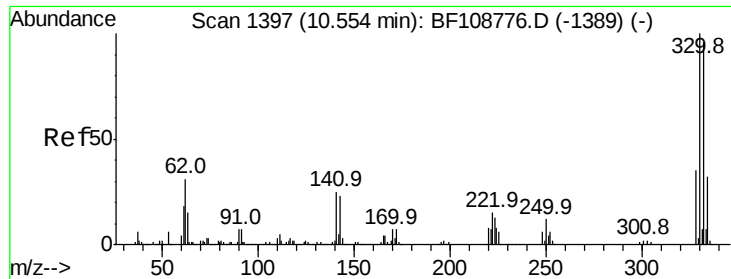
#40
 Hexachlorocyclopentadiene
 Concen: 49.905 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	245438		
235	62.1	44.8	84.8	
272	13.5	0.0	33.3	



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





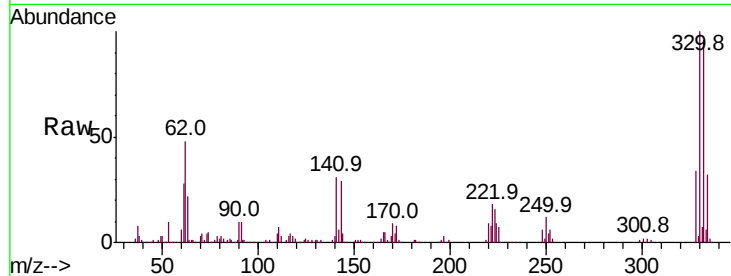
#41
 2,4,6-Tribromophenol
 Concen: 72.223 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

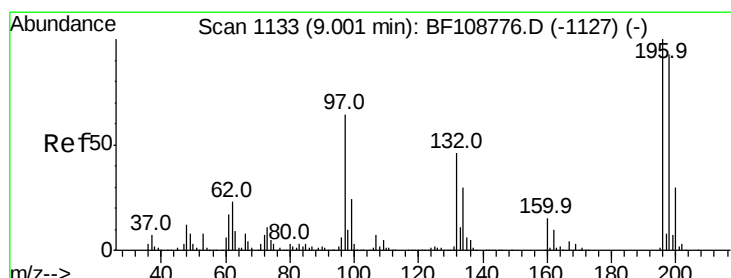
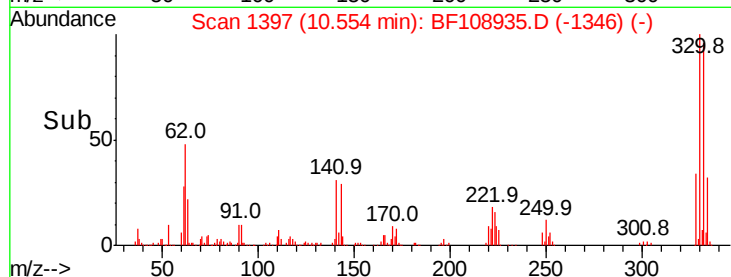
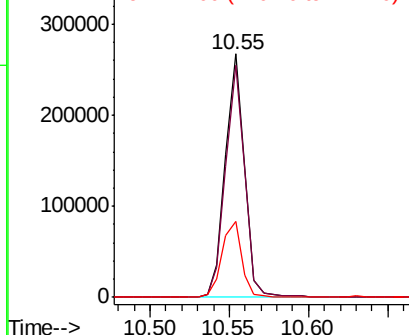
Tot Ion	Ratio	Resp	Lower	Upper
330	100	225480		
332	96.0	77.0	115.6	
141	32.6	29.9	44.9	

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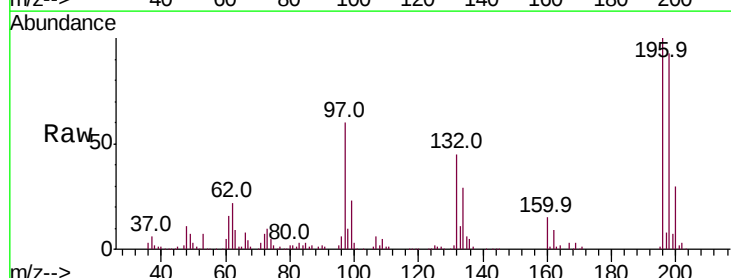


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

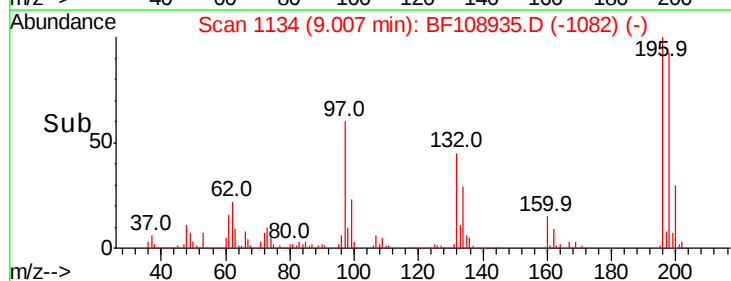
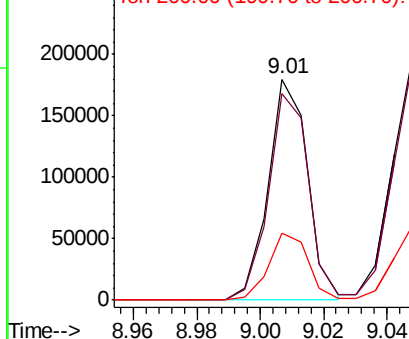


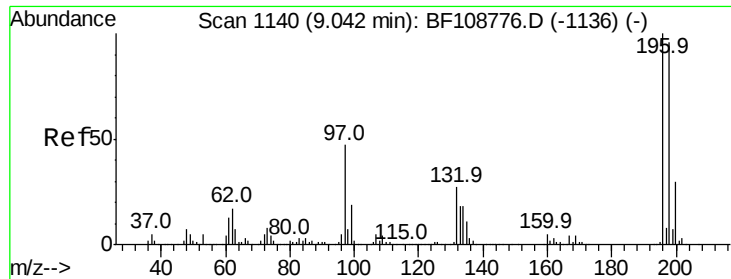
#42
 2,4,6-Trichlorophenol
 Concen: 23.415 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155915		
198	93.2	75.7	113.5	
200	30.3	24.5	36.7	



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





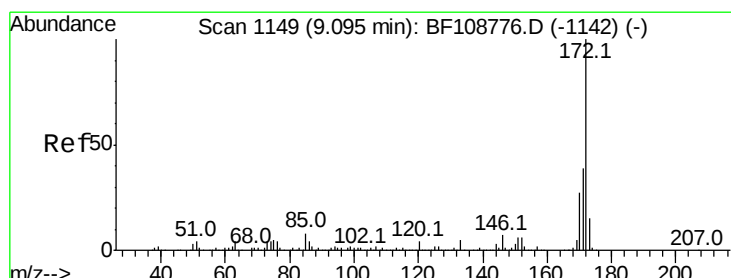
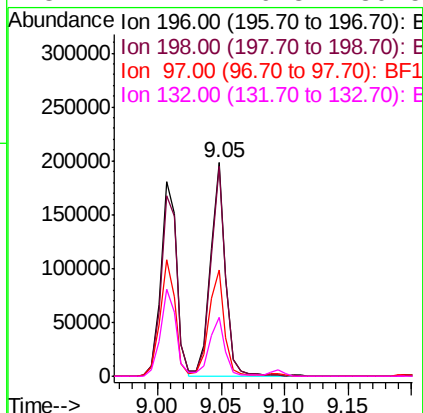
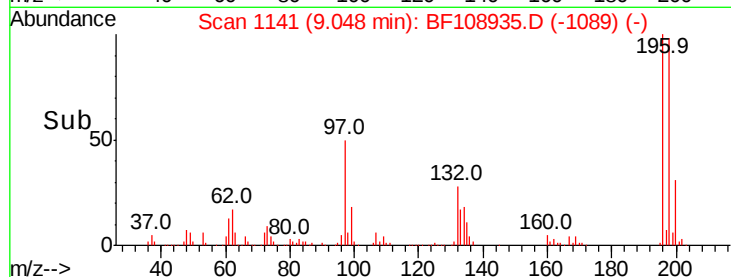
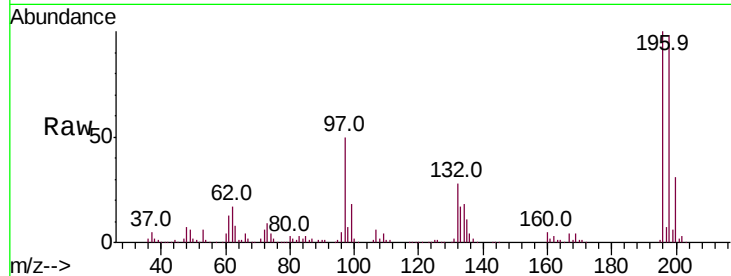
#43
 2,4,5-Trichlorophenol
 Concen: 24.283 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion:	196	Resp:	167607
Ion Ratio	Lower	Upper	
196	100		
198	98.0	74.6	112.0
97	49.5	42.9	64.3
132	27.7	26.3	39.5

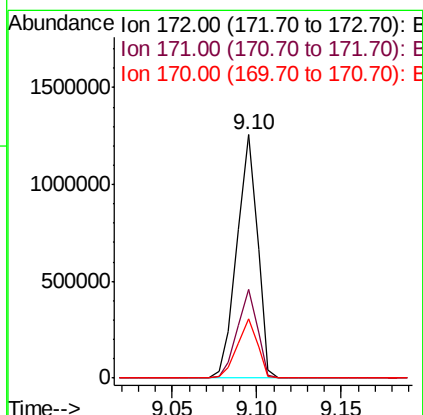
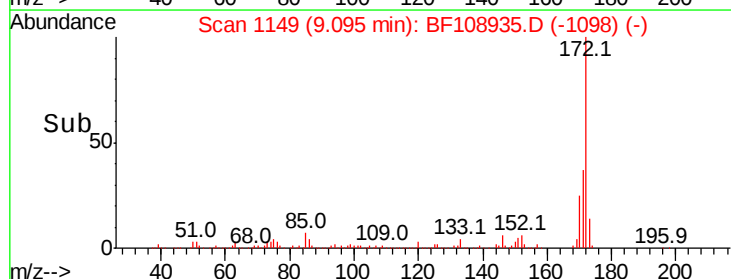
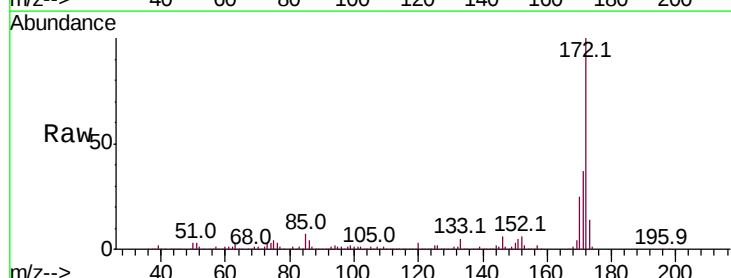
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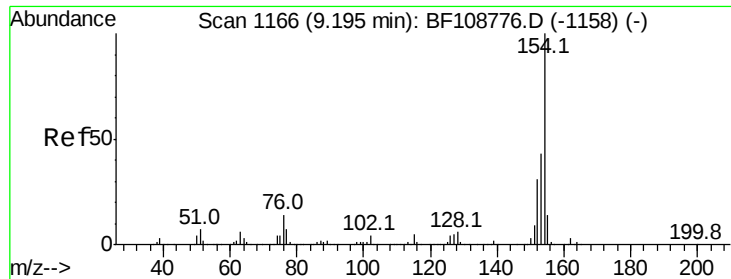
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#44
 2-Fluorobiphenyl
 Concen: 55.451 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion:	172	Resp:	1062981
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4





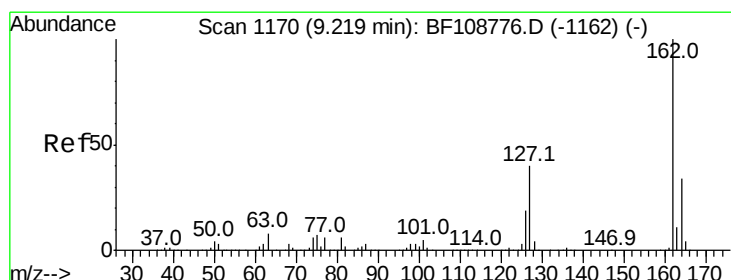
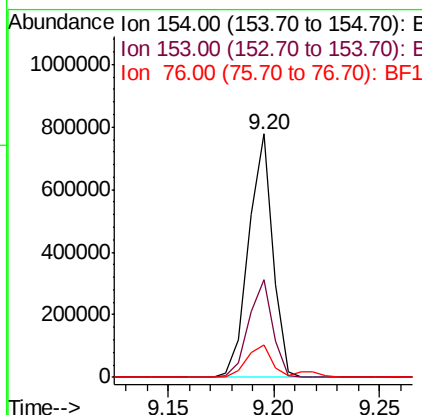
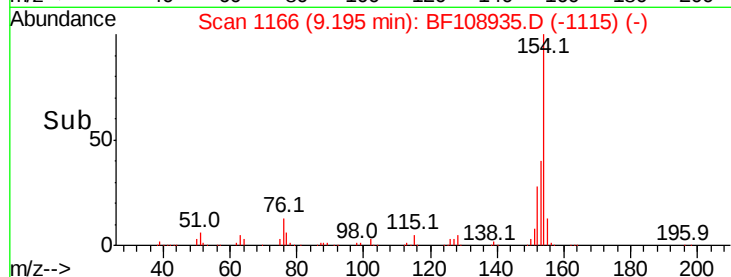
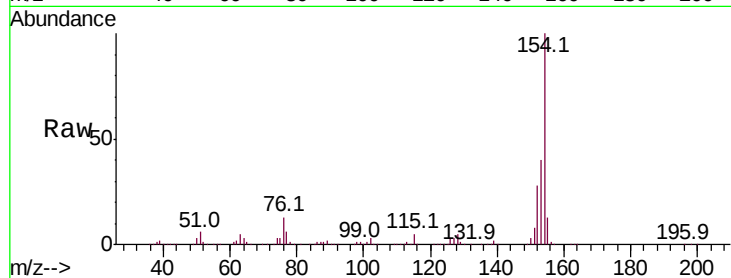
#45
1,1'-Biphenyl
Concen: 24.503 ng
RT: 9.20 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	13.3	0.0	34.0	

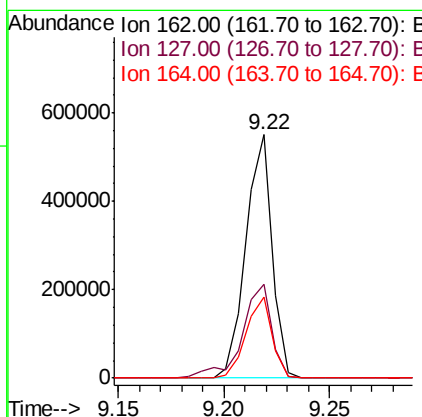
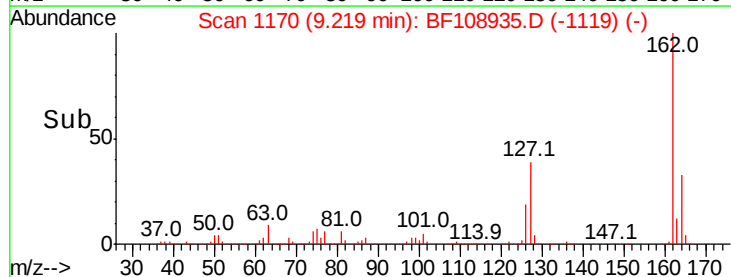
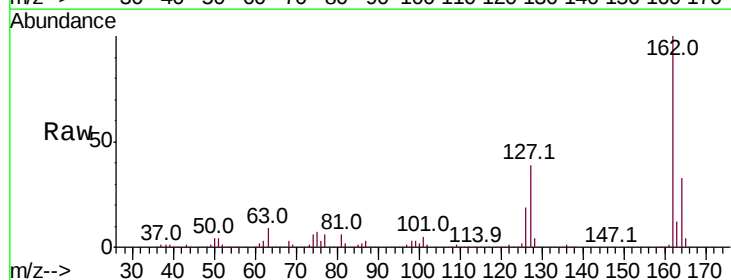
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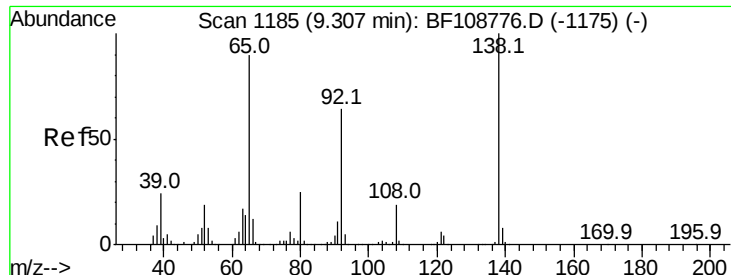
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#46
2-Chloronaphthalene
Concen: 23.344 ng
RT: 9.22 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	33.9	50.9	
164	33.3	26.5	39.7	





#47

2-Nitroaniline

Concen: 26.523 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

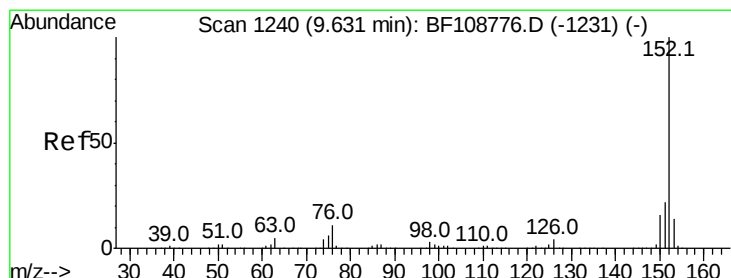
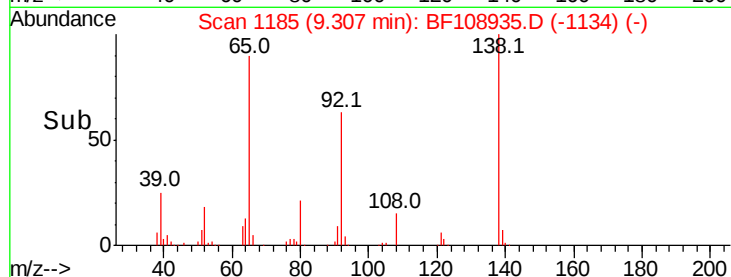
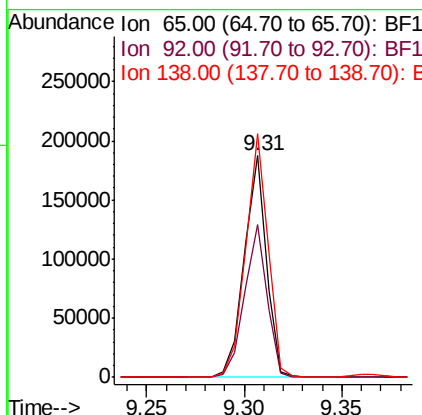
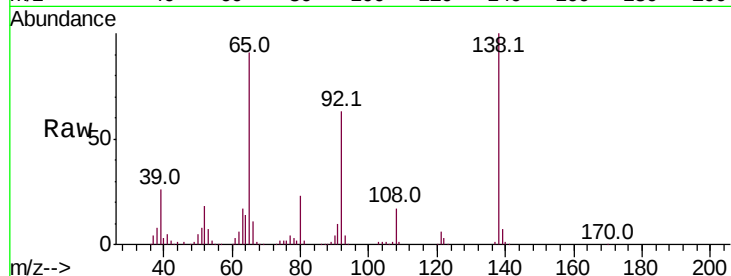
ClientSampleId :

EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.8	83.6
138	109.8	91.2	136.8

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#48

Acenaphthylene

Concen: 25.692 ng

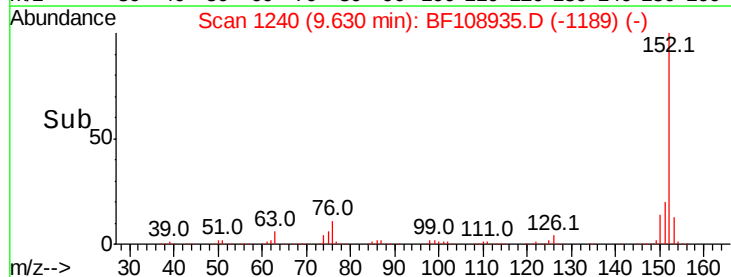
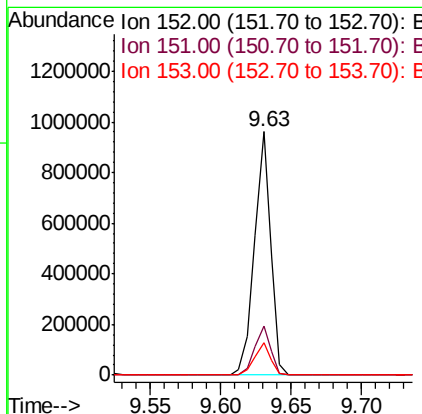
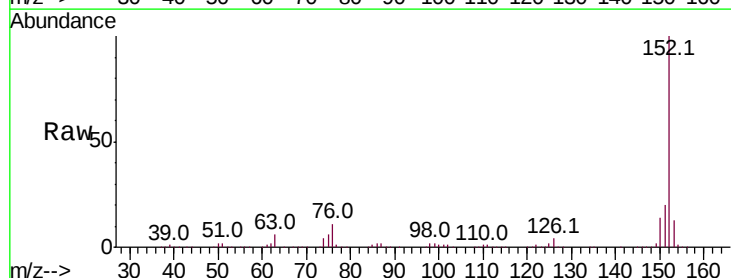
RT: 9.63 min Scan# 1240

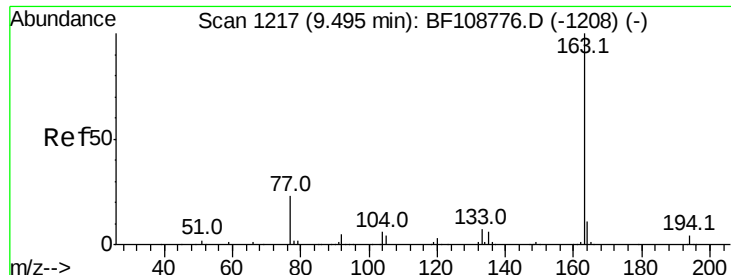
Delta R.T. -0.00 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.1	10.7	16.1





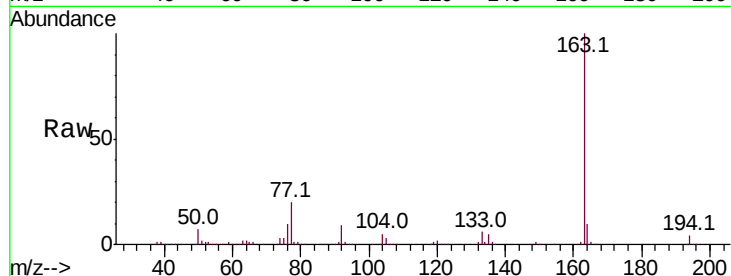
#49
Dimethylphthalate
Concen: 32.346 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.1	8.2	12.2	

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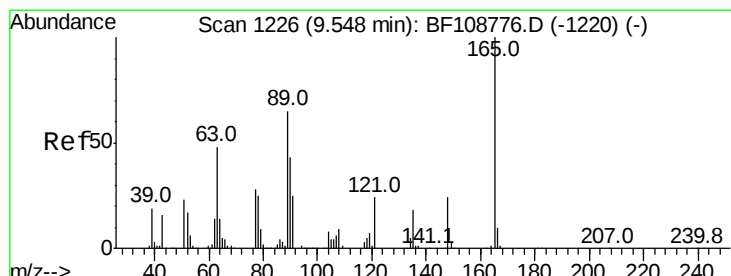
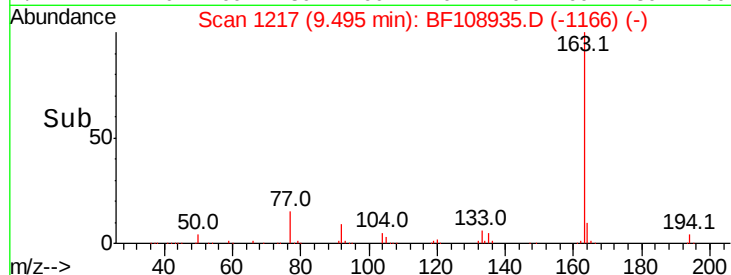
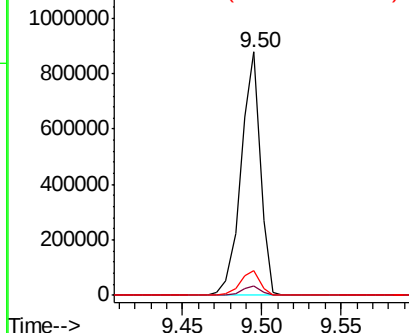


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 27.780 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

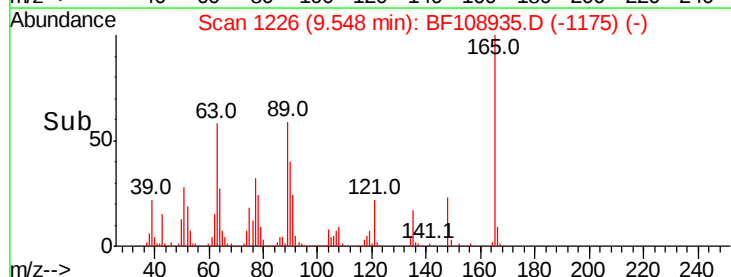
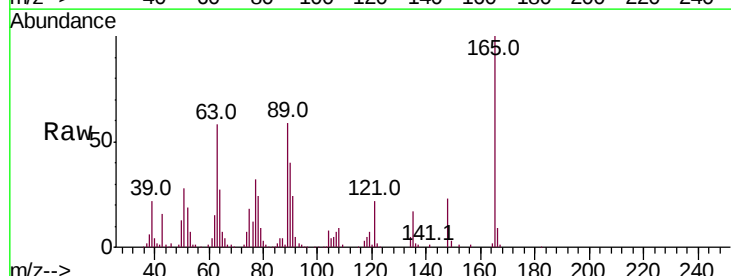
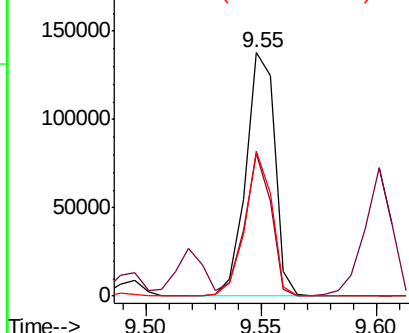
Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.3	44.7	67.1	
89	59.5	44.0	66.0	

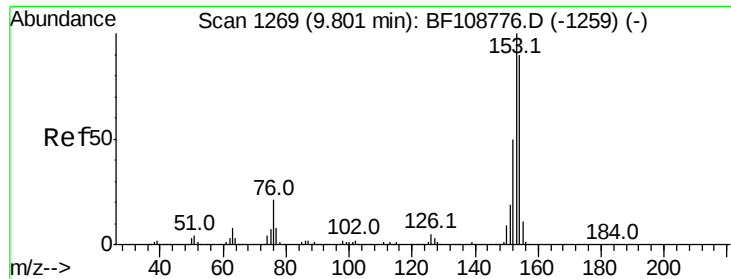
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 24.687 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

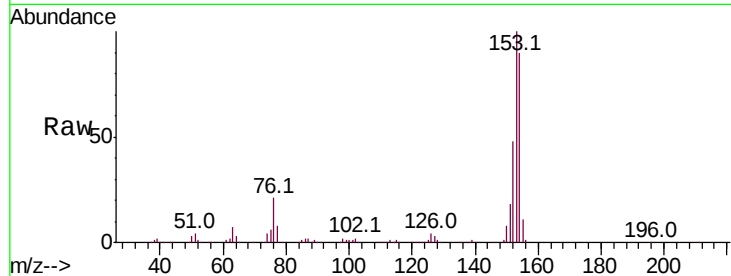
ClientSampleId :

EP1-WS-COMP-18MSD

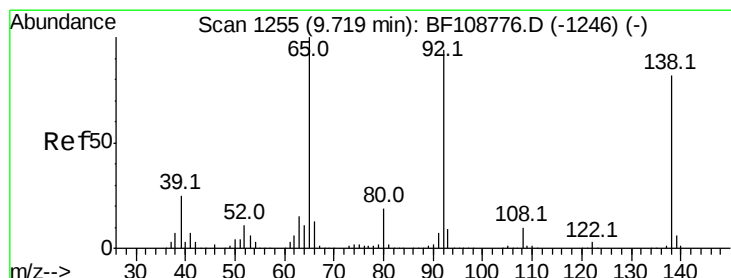
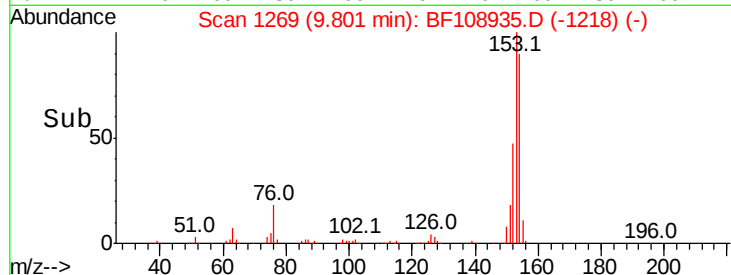
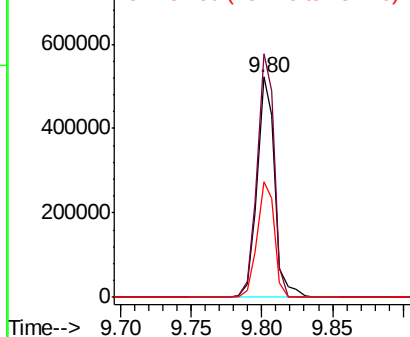
Tot Ion:	154	Resp:	463671
Ion Ratio	Lower	Upper	
154	100		
153	110.6	91.2	136.8
152	52.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 20.060 ng

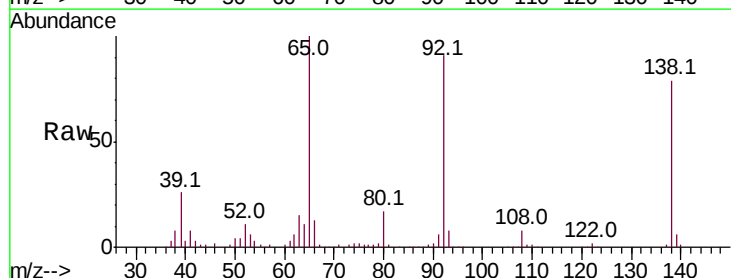
RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

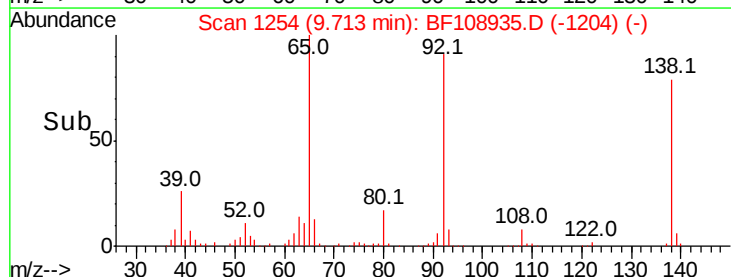
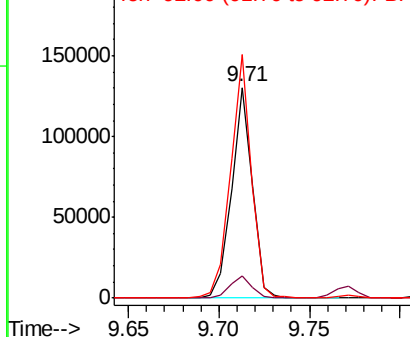
Lab File: BF108935.D

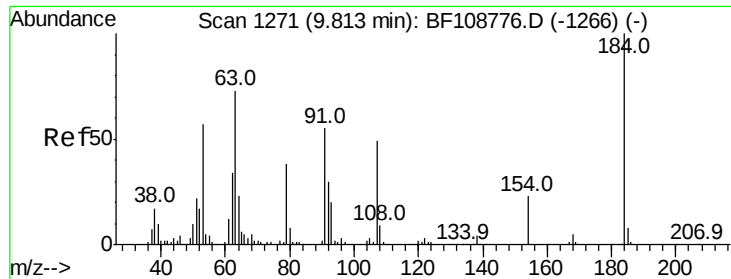
Acq: 11 Sep 2018 15:14

Tgt Ion:	138	Resp:	104076
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	115.8	89.4	134.2



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





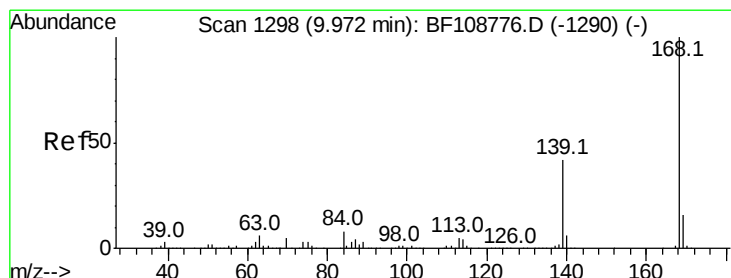
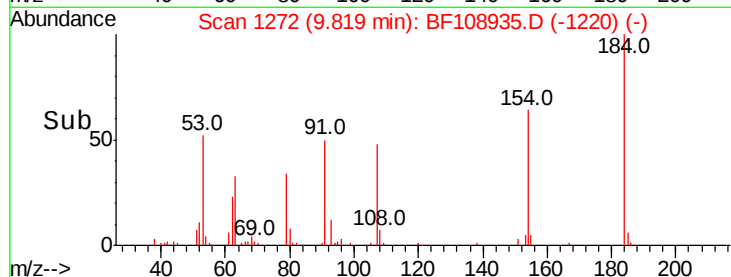
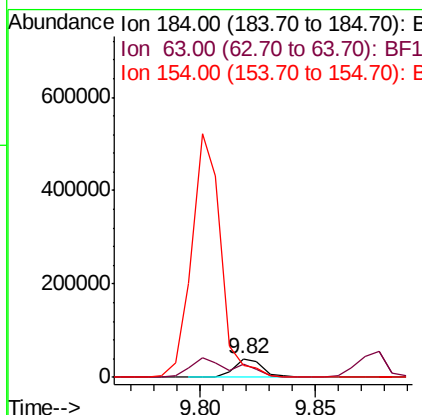
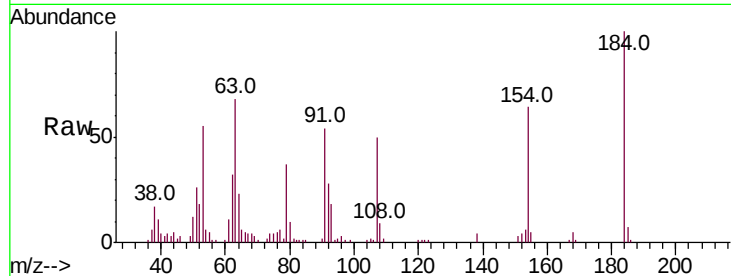
#53
 2,4-Dinitrophenol
 Concen: 28.513 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.5	54.2	81.2
154	64.3	184.0	276.0#

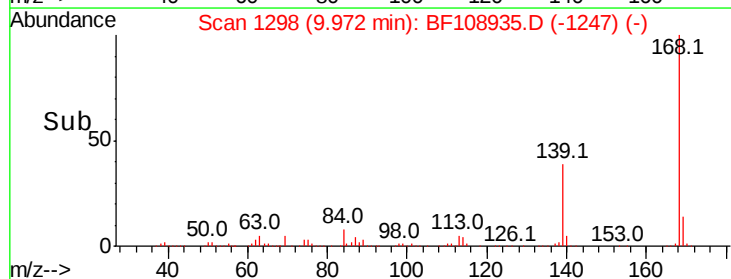
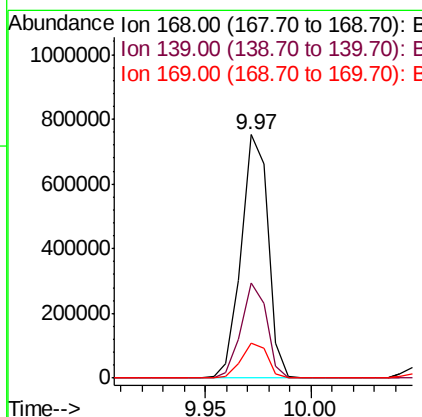
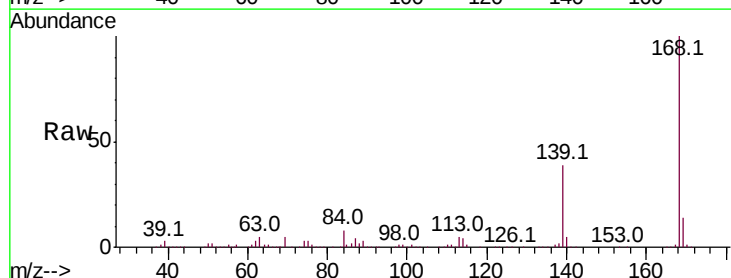
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#54
 Dibenzofuran
 Concen: 24.232 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.5	10.9	16.3





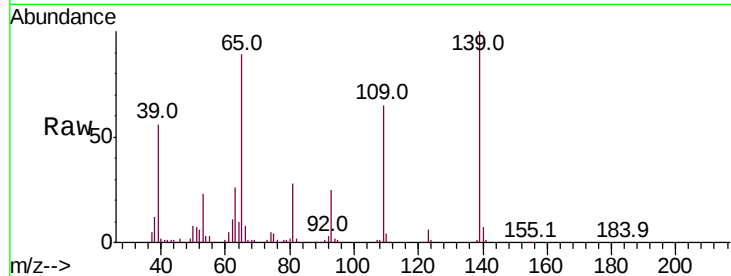
#55
4-Nitrophenol
Concen: 46.333 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.7	48.4	88.4	
65	88.6	72.6	112.6	

Manual Integrations
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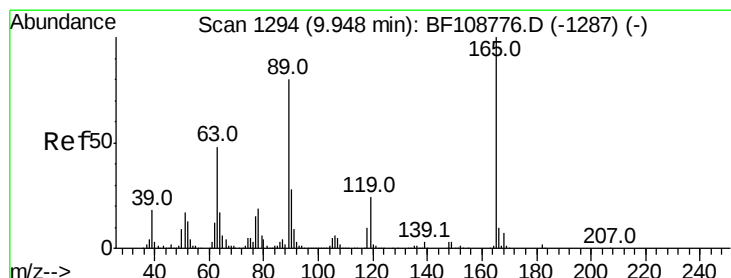
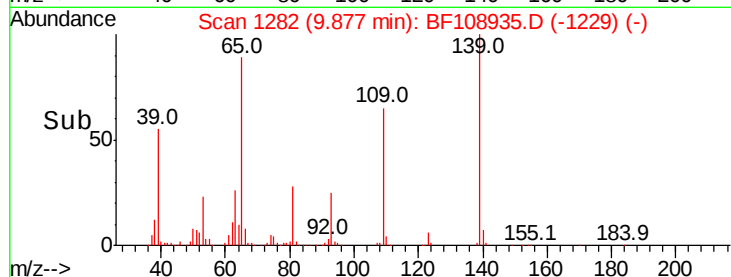
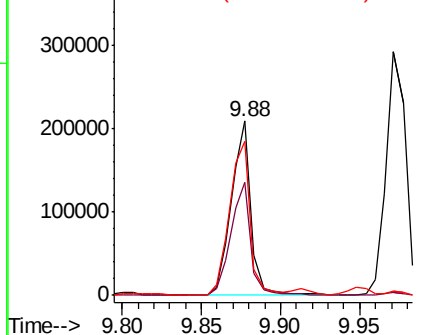


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 28.027 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.8	36.4	54.6#	
89	64.5	57.8	86.6	
182	2.6	1.6	2.4#	

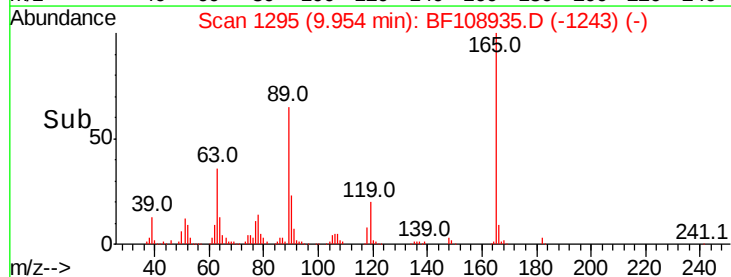
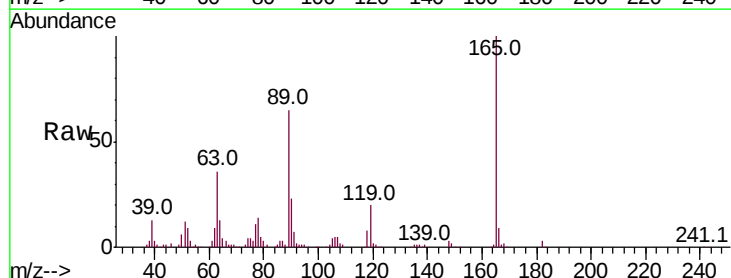
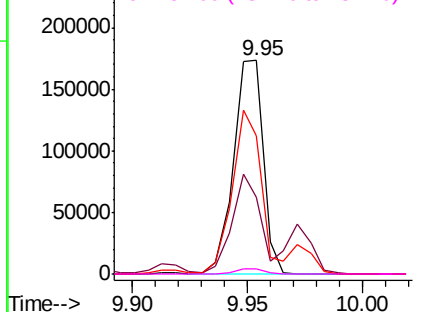
Abundance

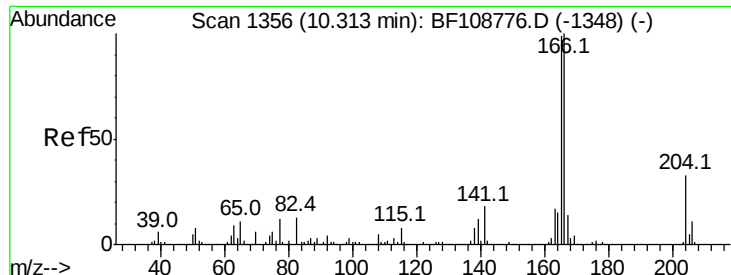
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





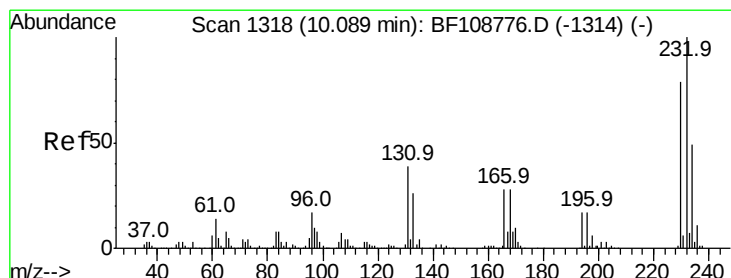
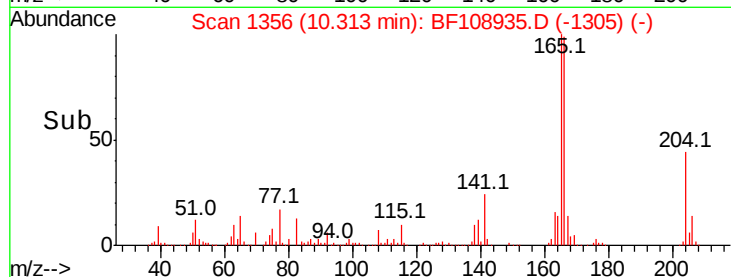
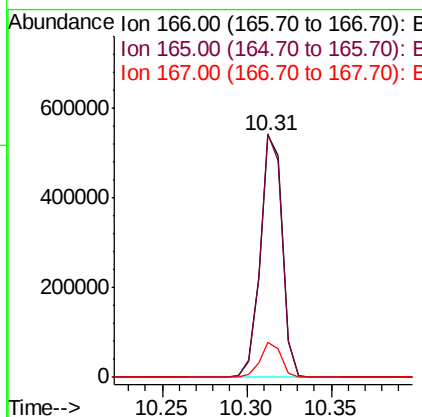
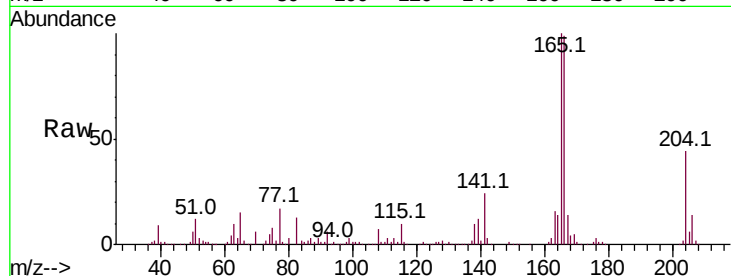
#57
Fluorene
 Concen: 27.835 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	79.8	119.8	
167	14.3	10.6	16.0	

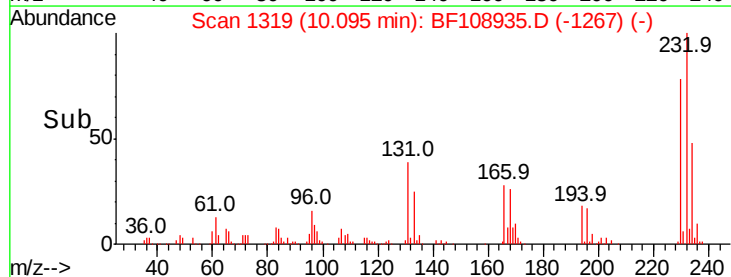
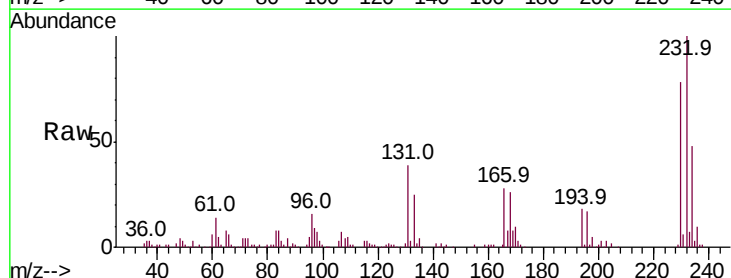
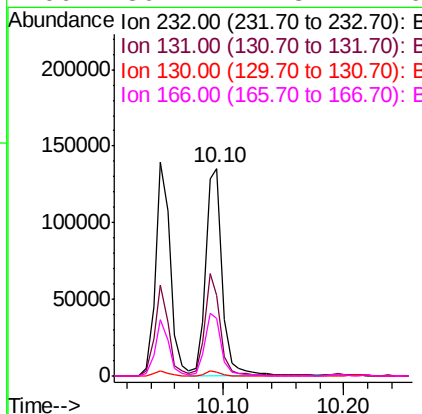
Manual Integrations
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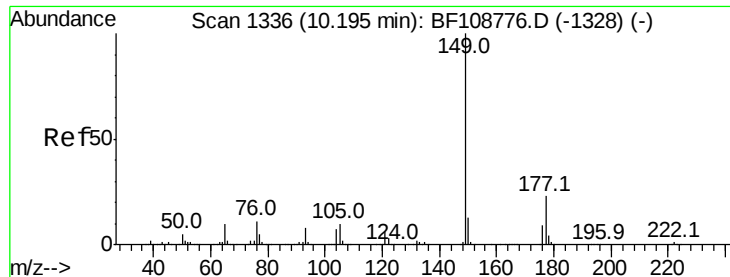
Sohil
 9/12/2018 9:11:54 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 23.154 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.6	43.8	65.8	
130	2.1	2.1	3.1#	
166	30.4	27.8	41.6	





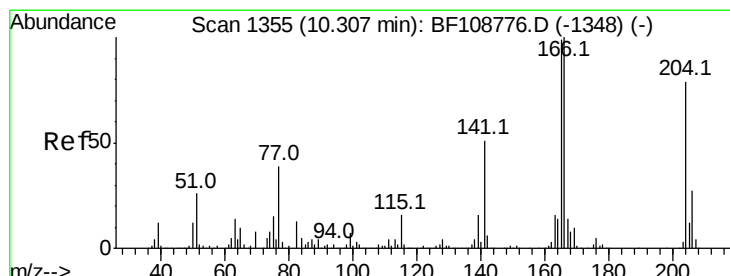
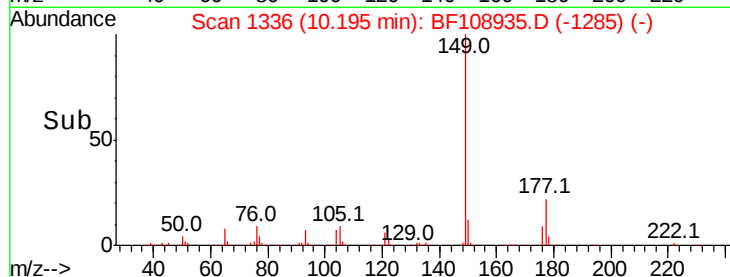
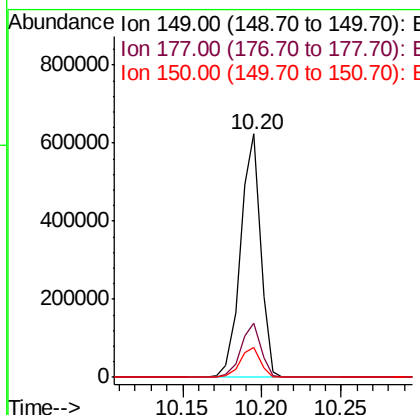
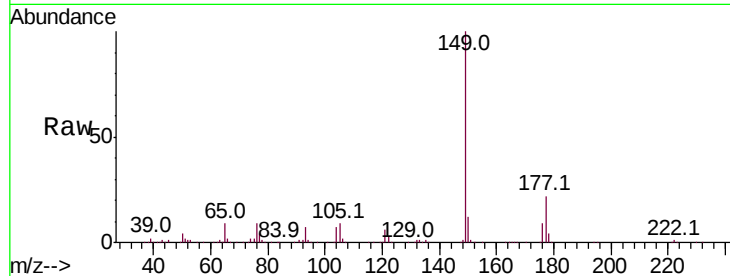
#59
Diethylphthalate
Concen: 23.074 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544657		
177	22.3		16.1	24.1
150	12.0		10.1	15.1

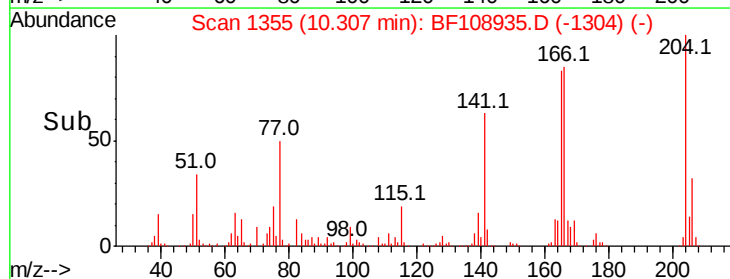
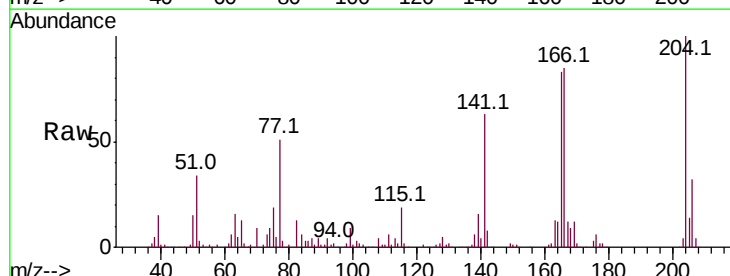
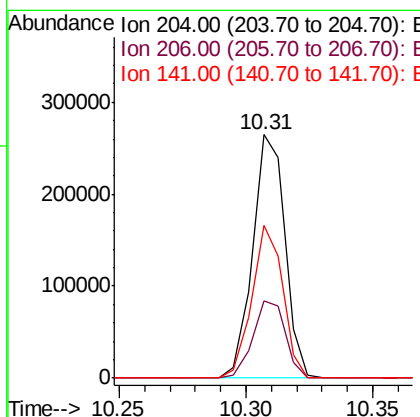
Manual Integrations
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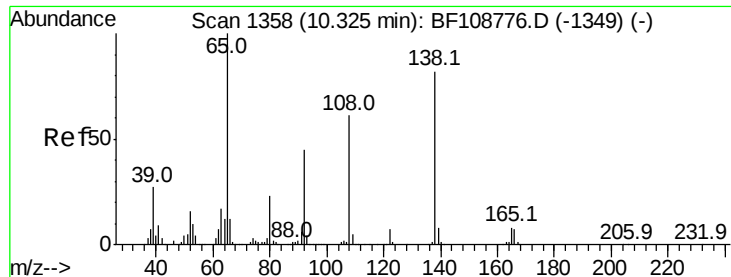
Sohil
9/12/2018 9:11:54 AM



#60
4-Chlorophenyl-phenylether
Concen: 25.024 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234807		
206	31.9		26.5	39.7
141	62.9		54.6	81.8





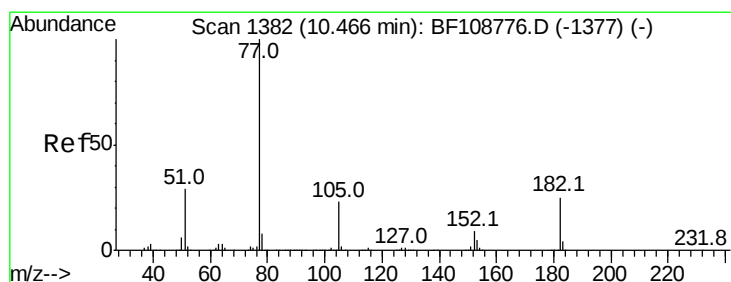
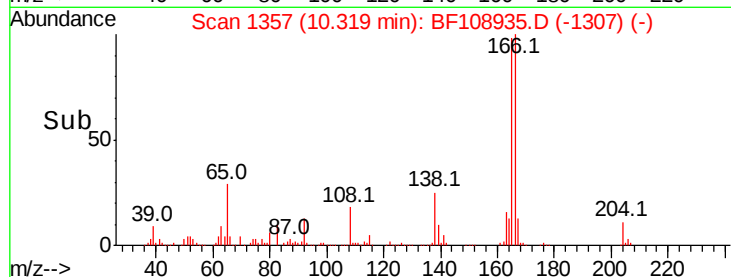
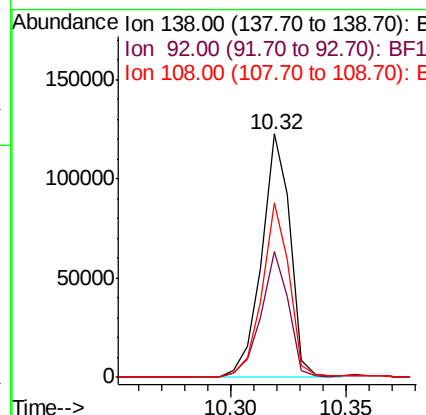
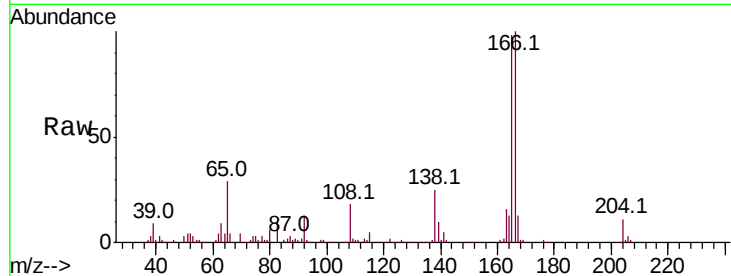
#61
4-Nitroaniline
Concen: 22.609 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	30.2	70.2
108	71.4	52.5	92.5

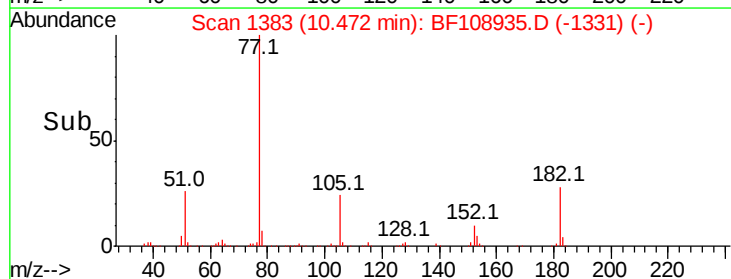
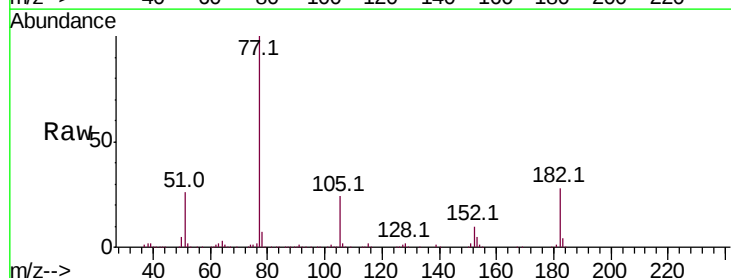
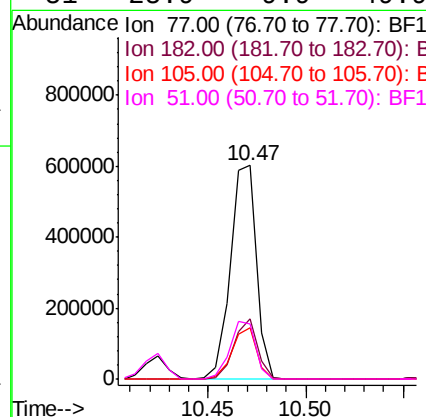
Manual Integrations
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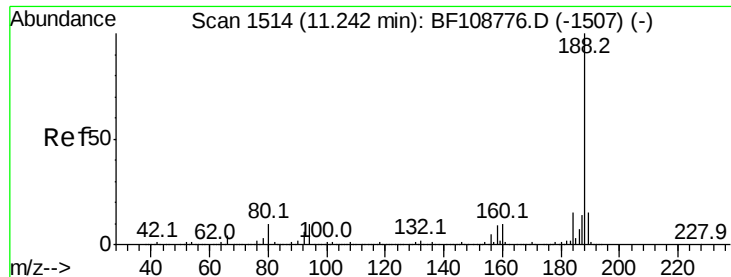
Sohil
9/12/2018 9:11:54 AM



#62
Azobenzene
Concen: 22.787 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.2	1.7	41.7
105	24.0	3.0	43.0
51	25.9	9.9	49.9





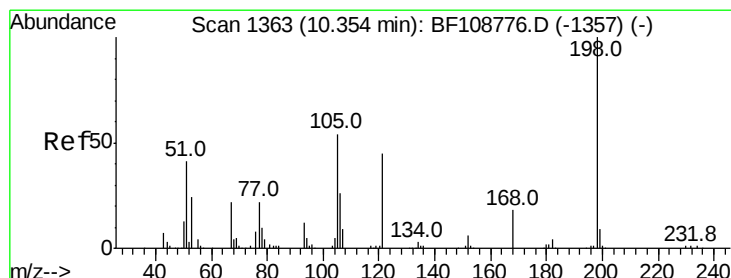
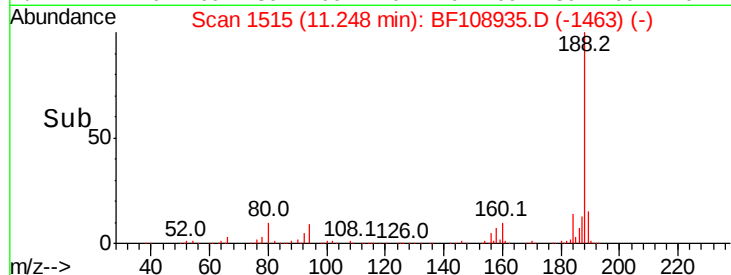
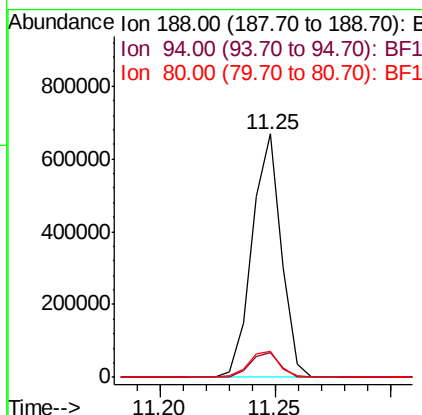
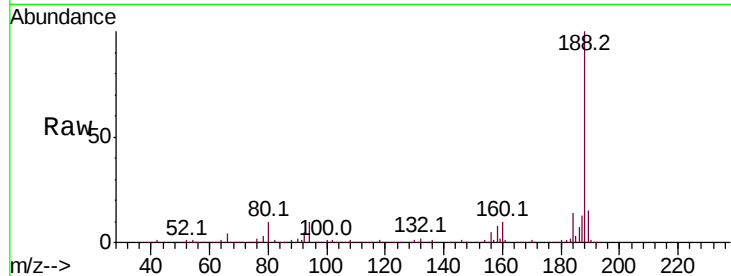
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion:	188	Resp:	589726
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8

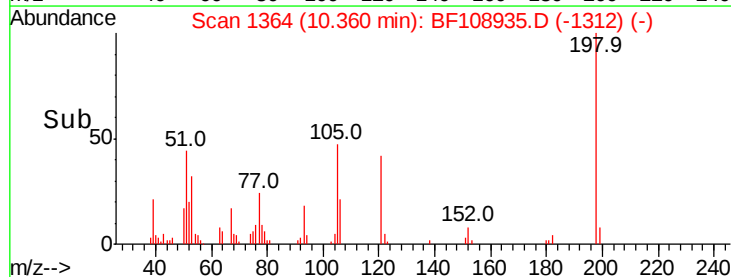
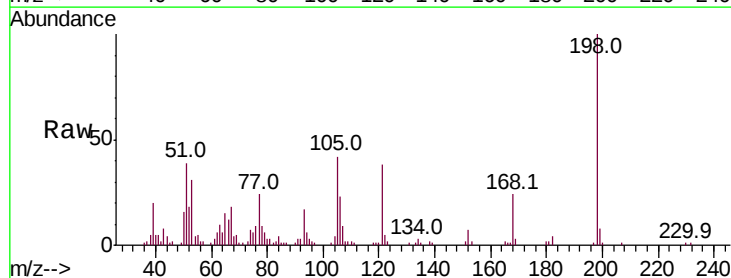
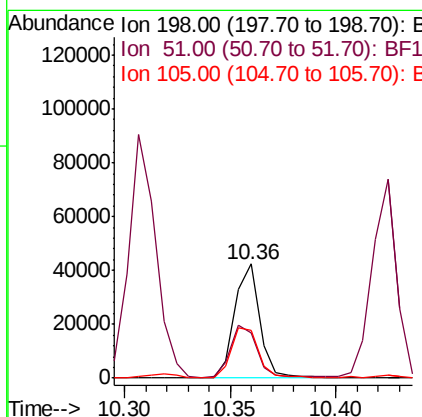
Manual Integrations
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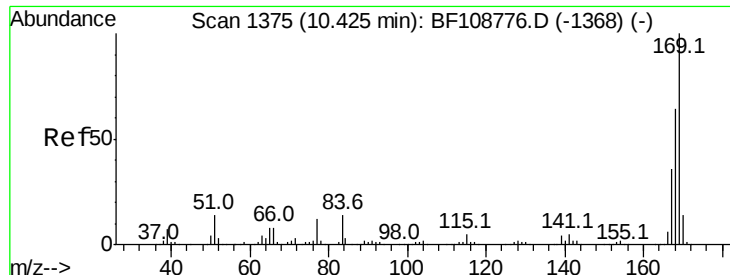
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 19.624 ng
 RT: 10.36 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion:	198	Resp:	34520
Ion Ratio	Lower	Upper	
198	100		
51	39.2	37.7	77.7
105	42.1	36.3	76.3





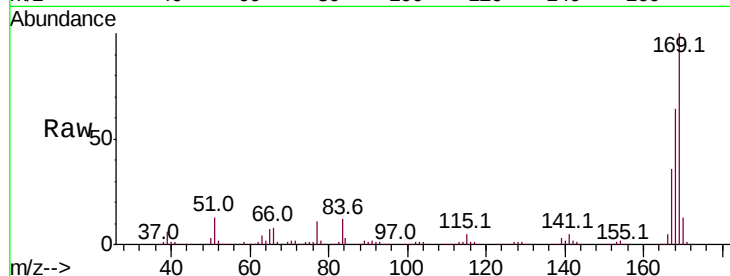
#65
 n-Nitrosodiphenylamine
 Concen: 23.718 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.6	54.4	81.6	
167	35.6	29.8	44.6	

Manual Integrations
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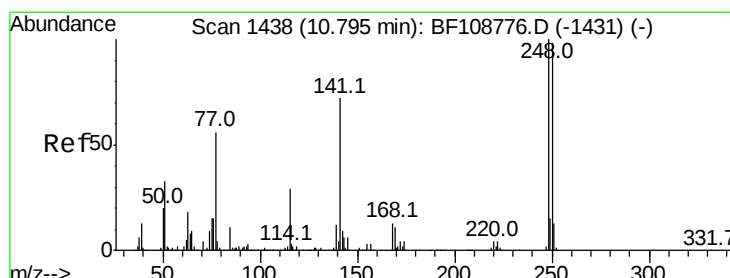
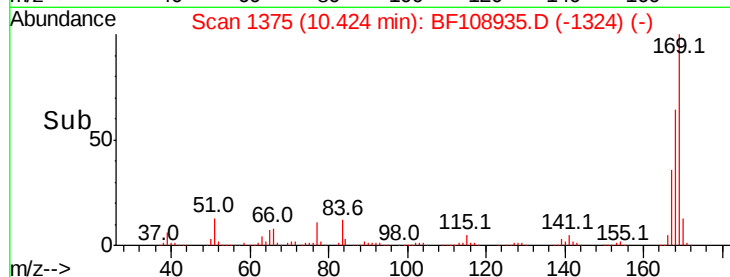
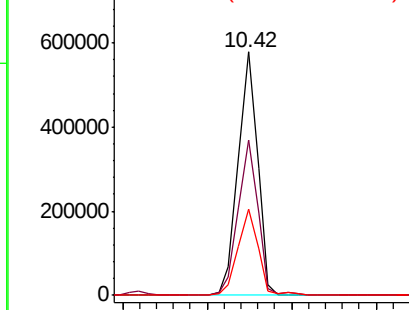


Abundance

Ion 169.00 (168.70 to 169.70): E

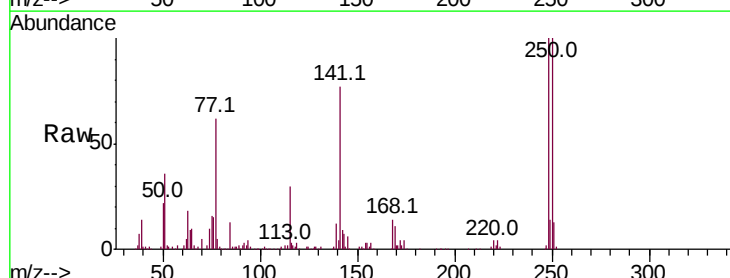
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 23.119 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.5	76.9	115.3	
141	76.9	74.4	111.6	

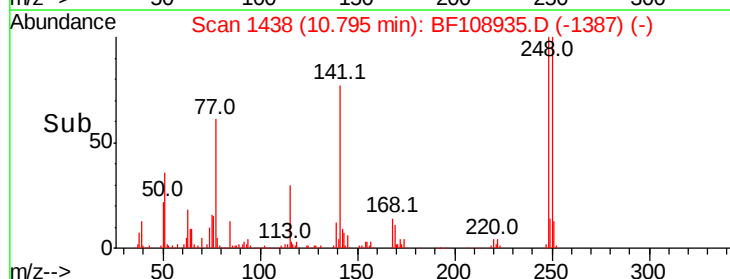
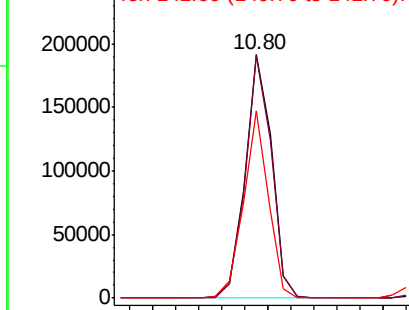


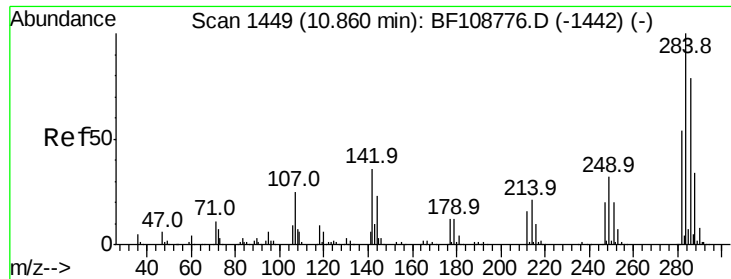
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





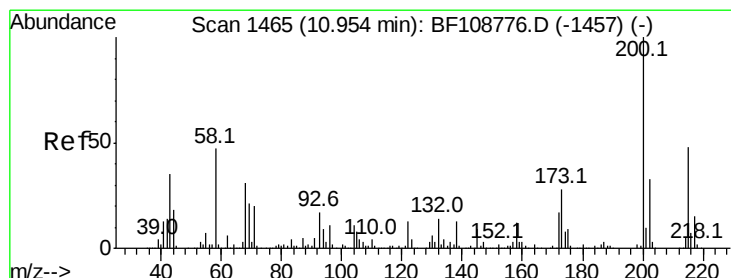
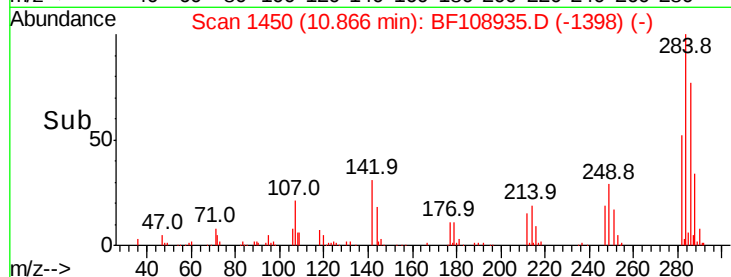
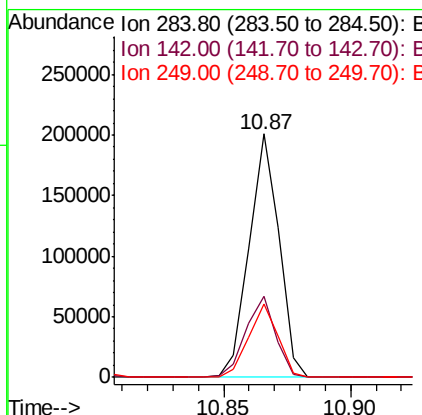
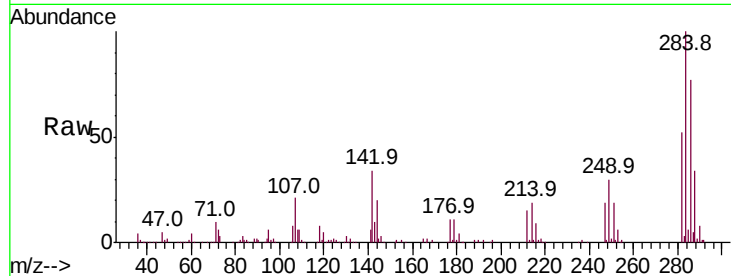
#67
Hexachlorobenzene
Concen: 23.207 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	33.6	34.6	52.0#
249	30.3	24.8	37.2

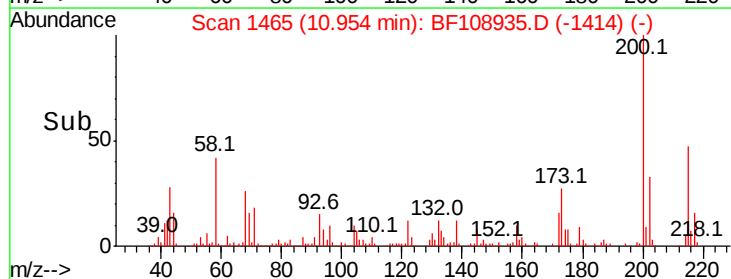
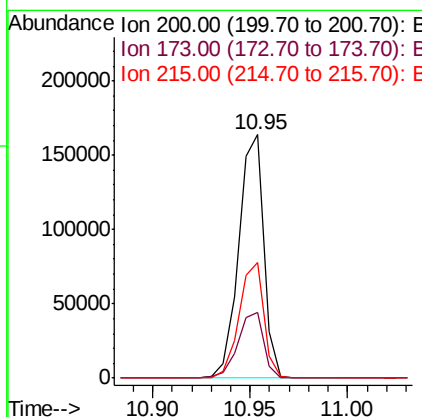
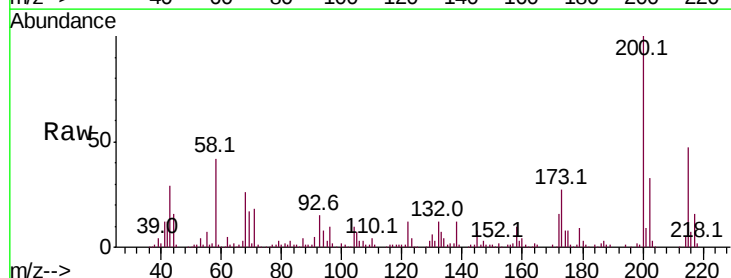
Manual Integrations
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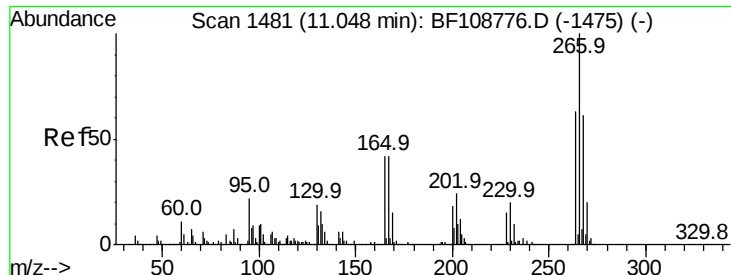
Sohil
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#68
Atrazine
Concen: 23.179 ng
RT: 10.95 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	8.6	48.6
215	47.3	25.1	65.1





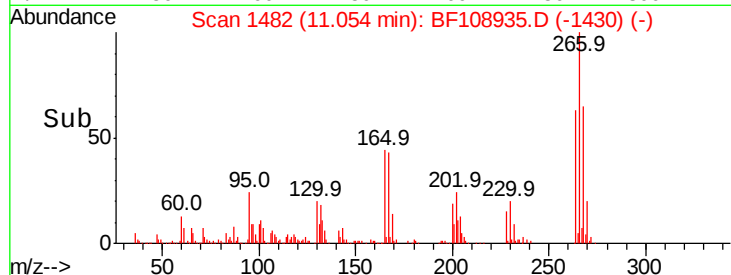
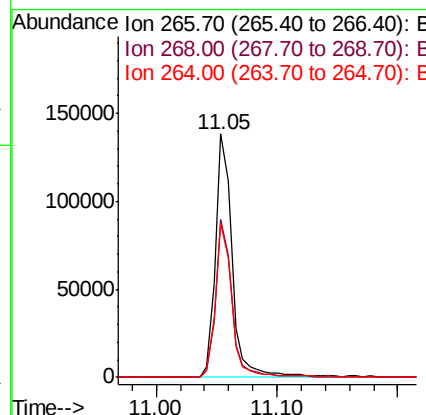
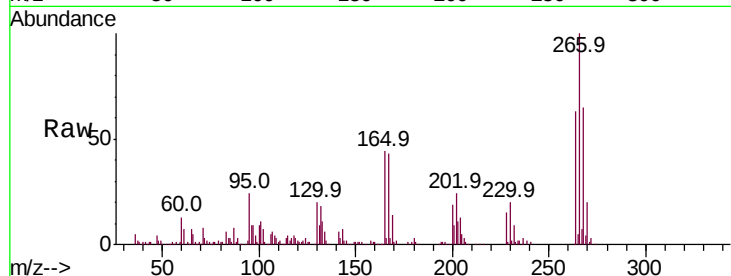
#69
 Pentachlorophenol
 Concen: 30.525 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.9	51.1	76.7	
264	63.2	49.5	74.3	

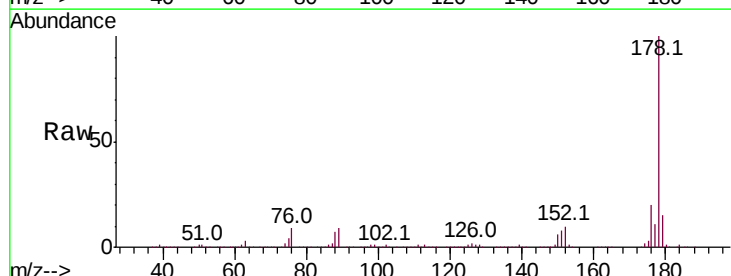
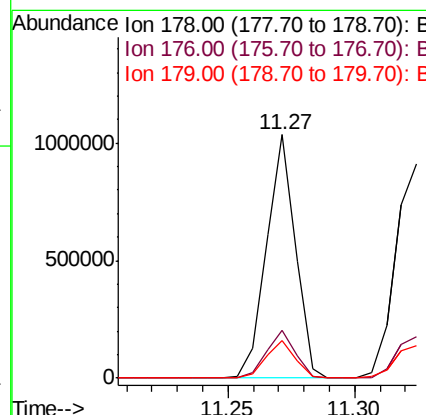
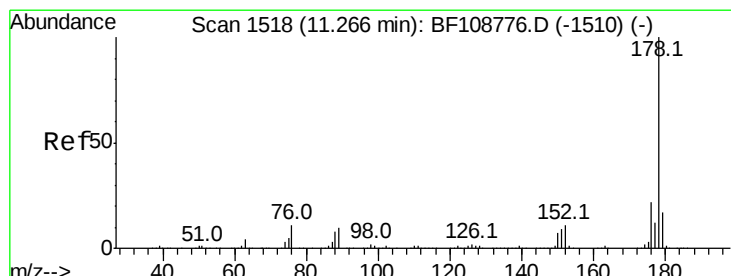
Manual Integrations
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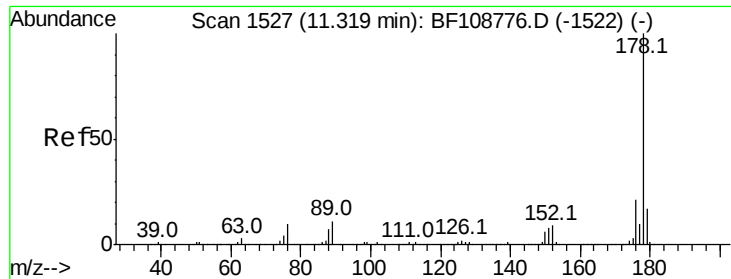
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#70
 Phenanthrene
 Concen: 29.196 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	15.8	23.8	
179	15.5	13.0	19.6	





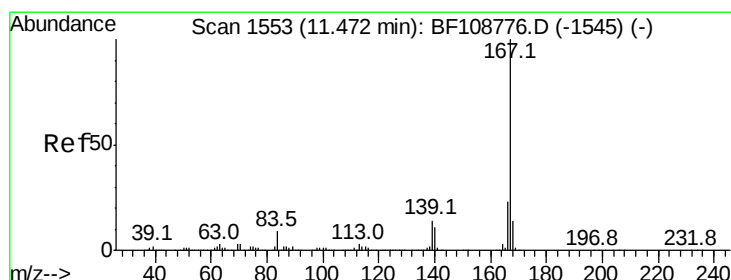
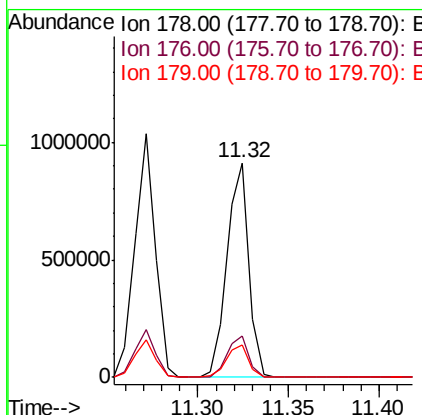
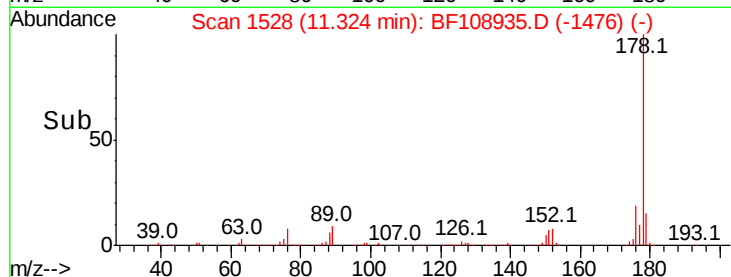
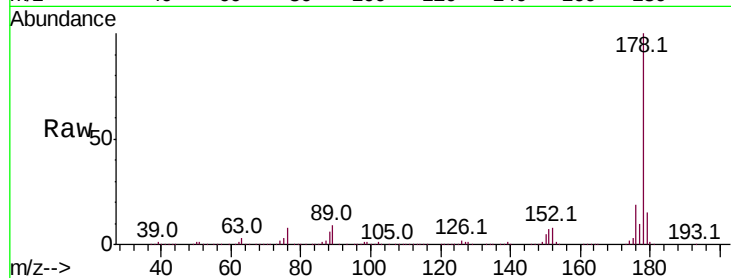
#71
 Anthracene
 Concen: 28.361 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.6	19.0

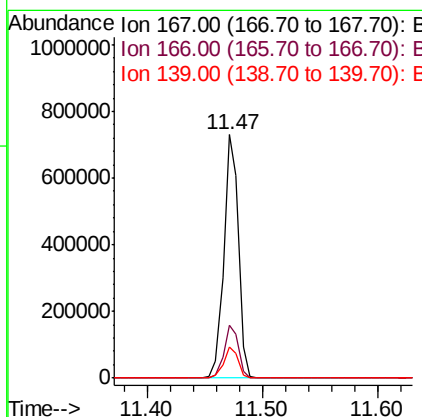
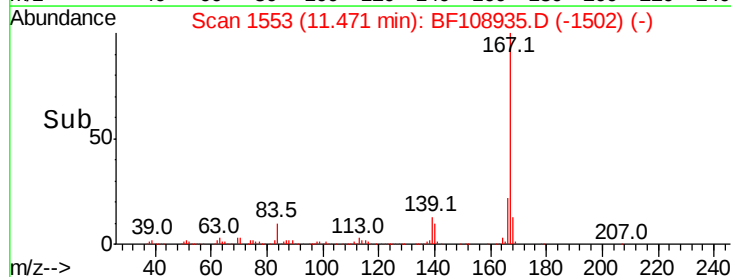
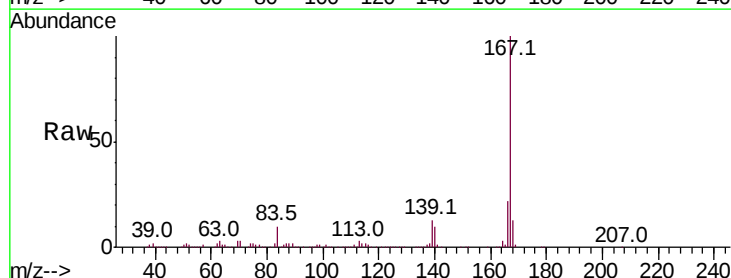
Manual Integrations
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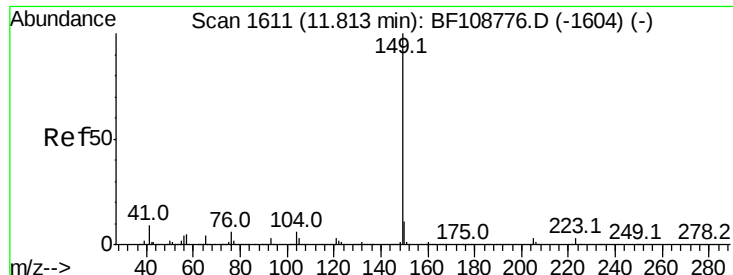
Sohil
 9/12/2018 9:11:54 AM



#72
 Carbazole
 Concen: 22.459 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 26.113 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

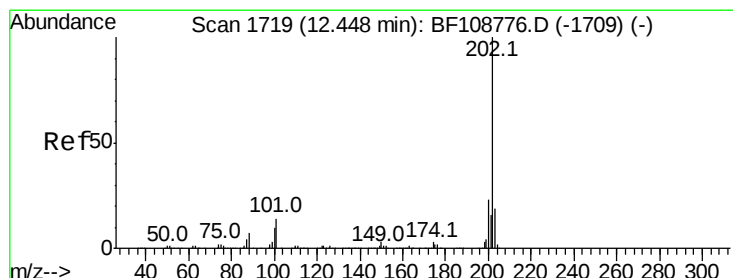
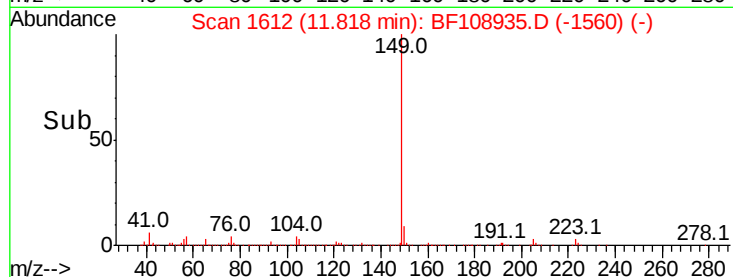
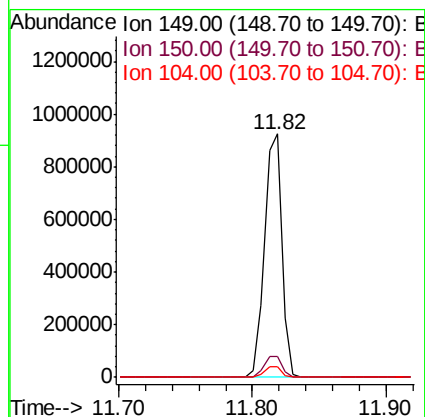
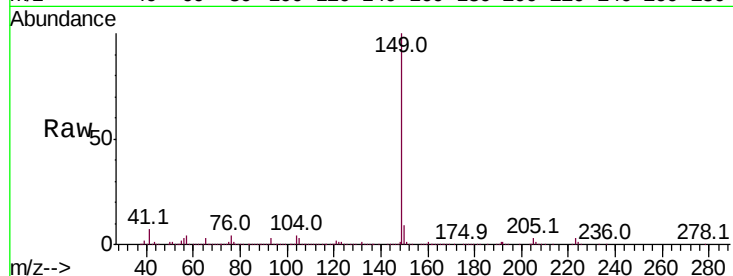
ClientSampleId :

EP1-WS-COMP-18MSD

Tot Ion:	149	Resp:	823446
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 30.126 ng

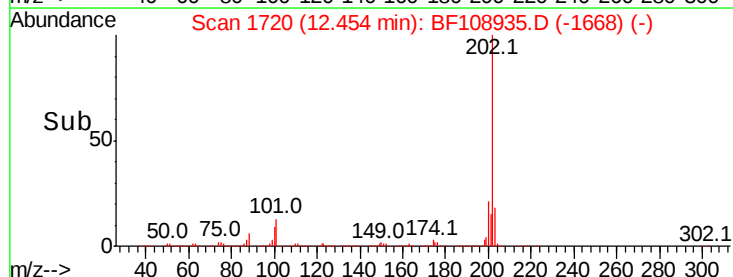
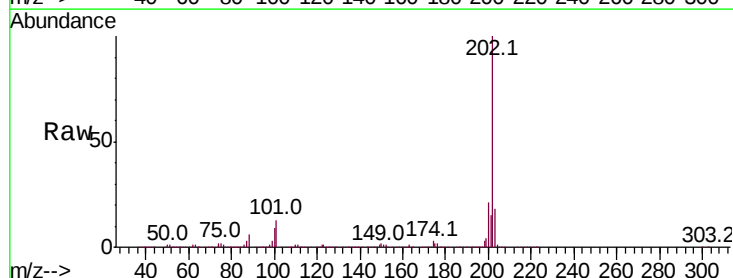
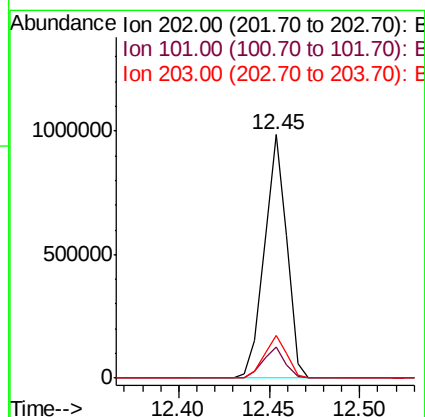
RT: 12.45 min Scan# 1720

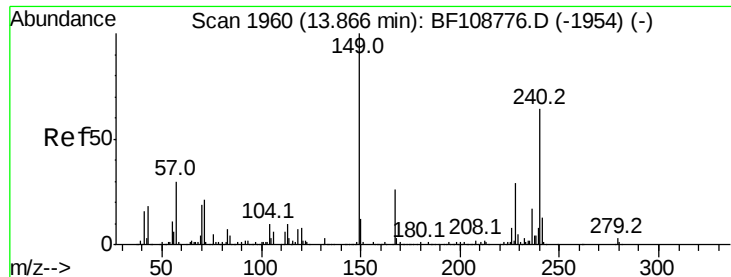
Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Tgt Ion:	202	Resp:	840006
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108935.D

Acq: 11 Sep 2018 15:14

Instrument :

BNA_F

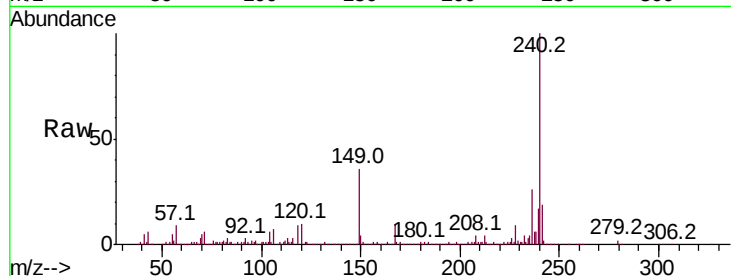
ClientSampleId :

EP1-WS-COMP-18MSD

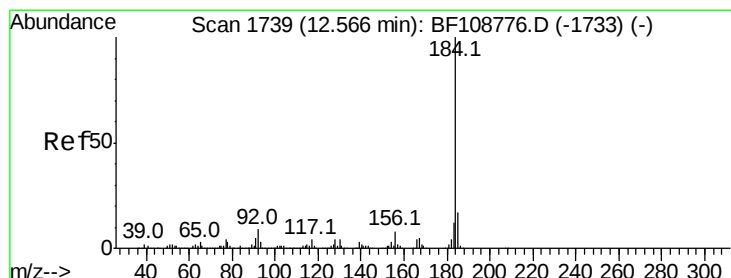
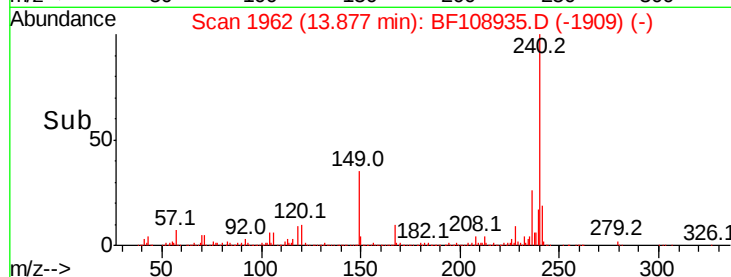
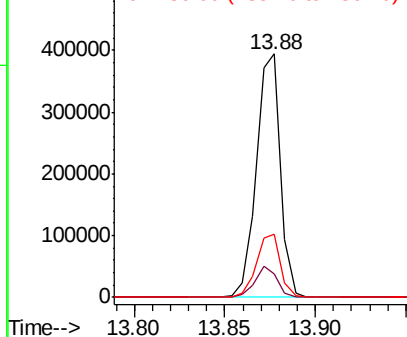
Tot Ion:	240	Resp:	363631
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	25.9	20.7	31.1

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



#76

Benzidine

Concen: 14.923 ng

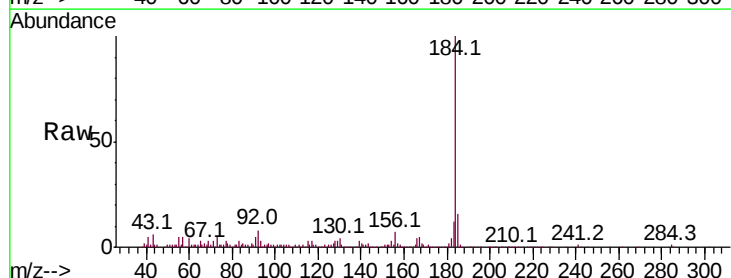
RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

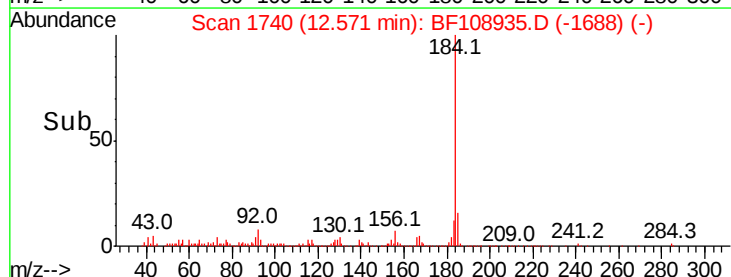
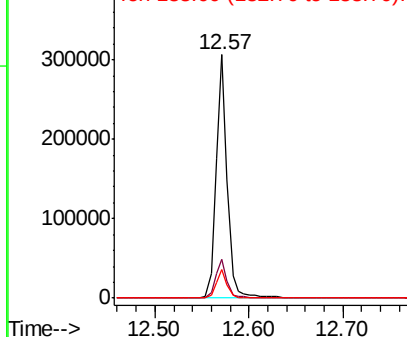
Lab File: BF108935.D

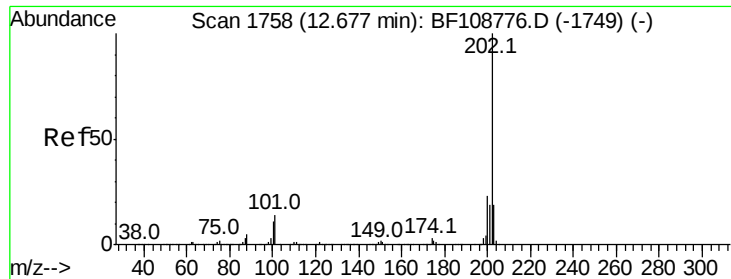
Acq: 11 Sep 2018 15:14

Tgt Ion:	184	Resp:	257201
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	11.8	9.3	13.9



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





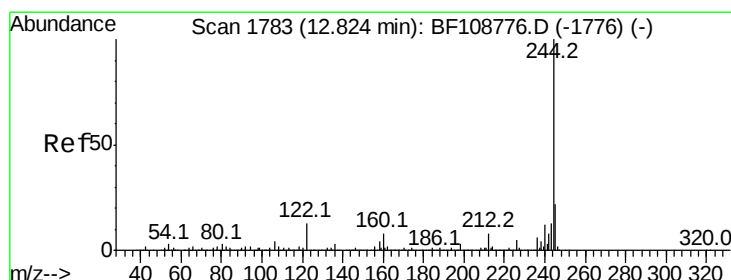
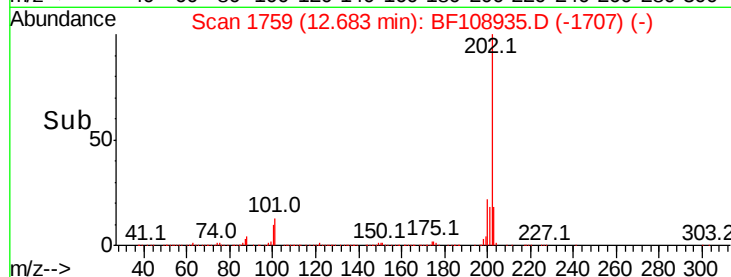
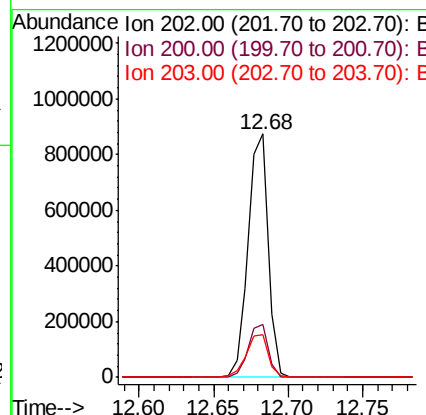
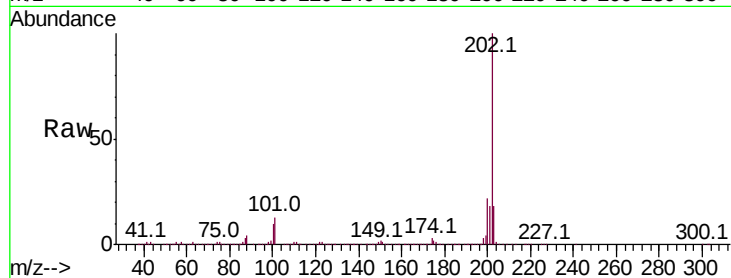
#77
Pvrene
Concen: 29.110 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.3	21.5

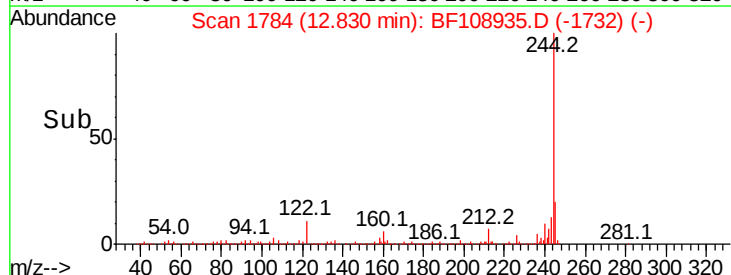
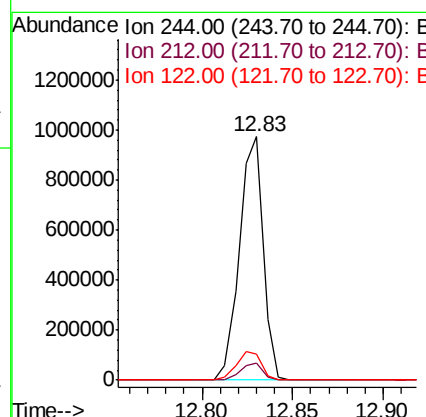
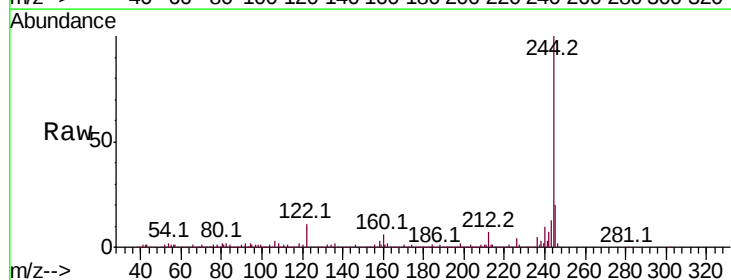
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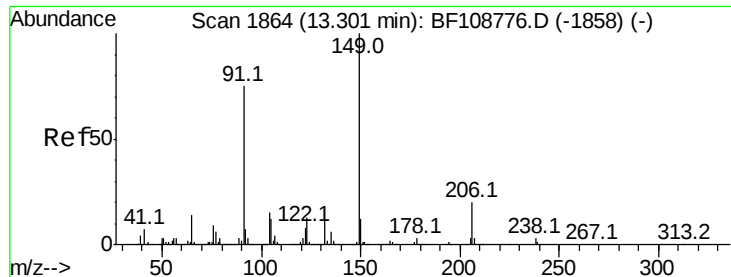
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#78
Terphenyl-d14
Concen: 56.855 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#





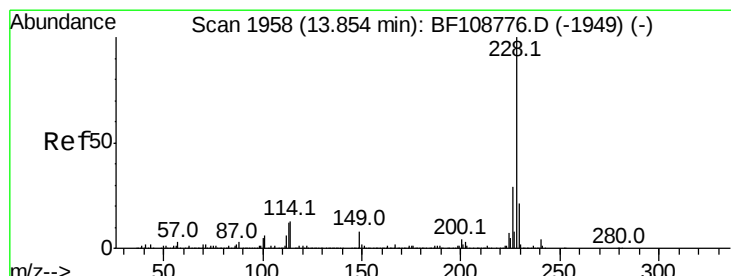
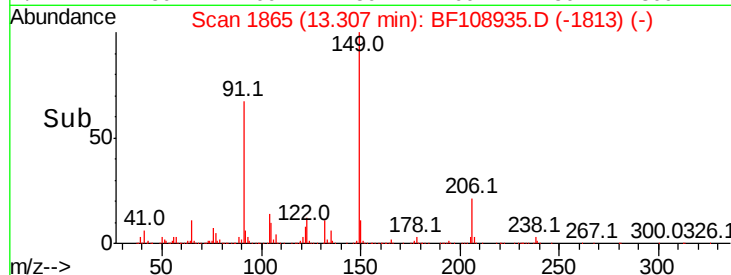
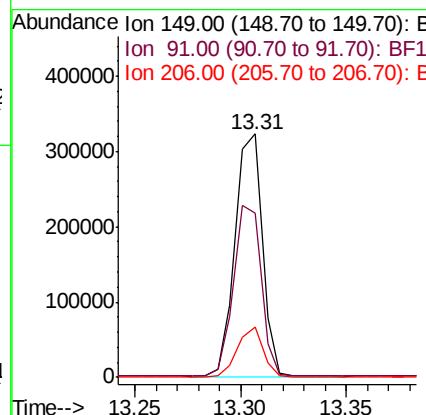
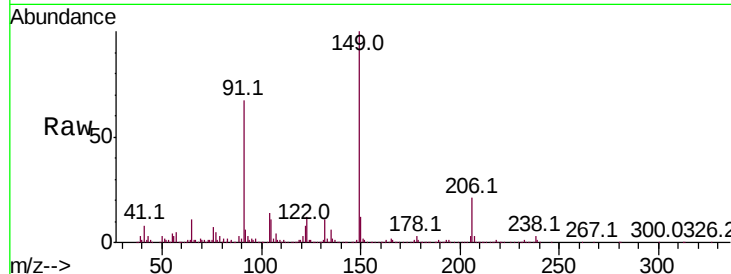
#79
Butylbenzylphthalate
Concen: 22.759 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	286782		
91	67.4	56.8	85.2	
206	20.5	14.1	21.1	

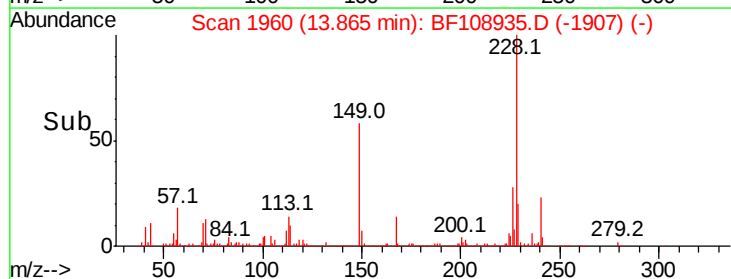
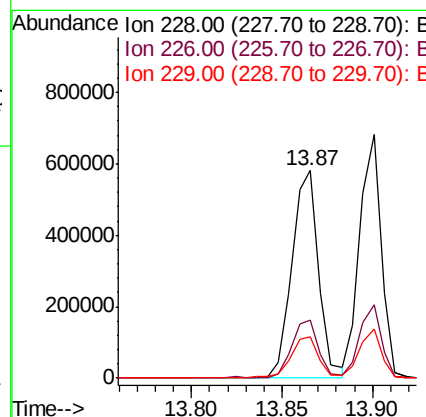
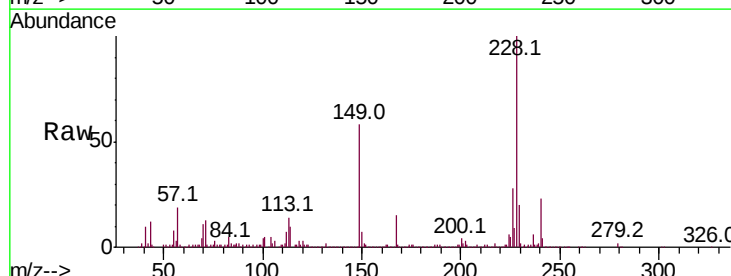
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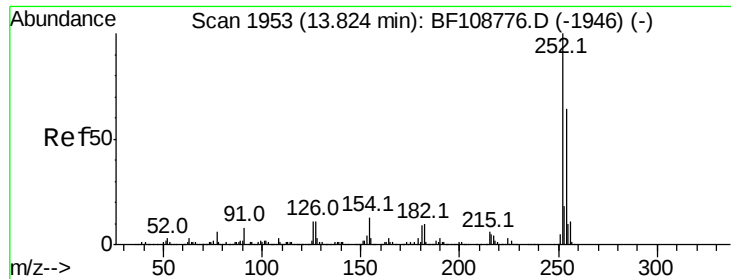
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#80
Benzo(a)anthracene
Concen: 25.680 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	598549		
226	28.3	22.6	33.8	
229	19.8	15.8	23.6	





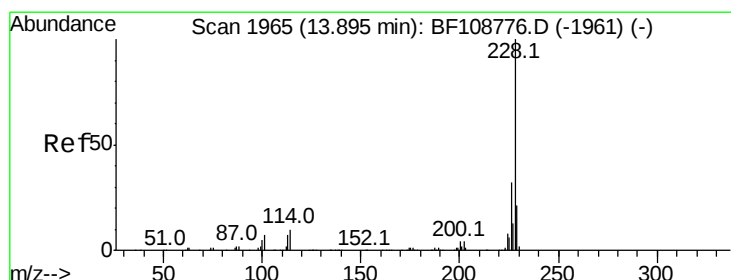
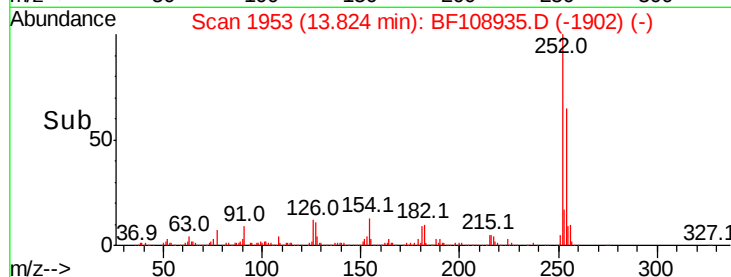
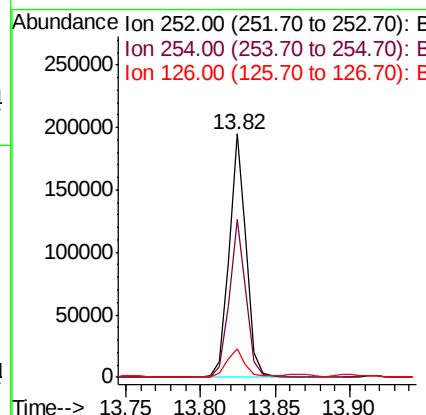
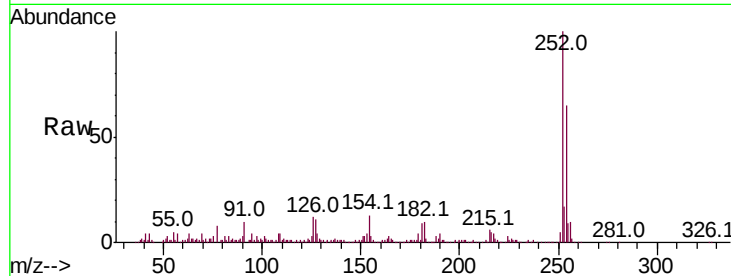
#81
 3,3'-Dichlorobenzidine
 Concen: 17.437 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleID :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	158339		
254	64.7		50.4	75.6
126	11.8		11.3	16.9

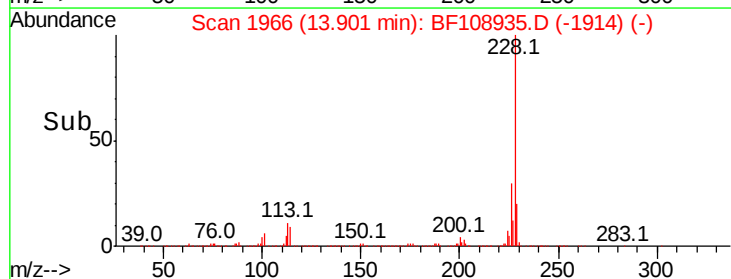
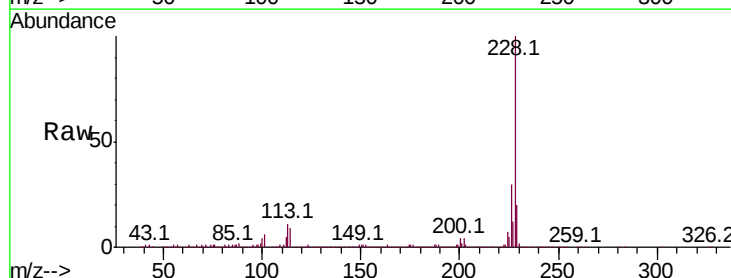
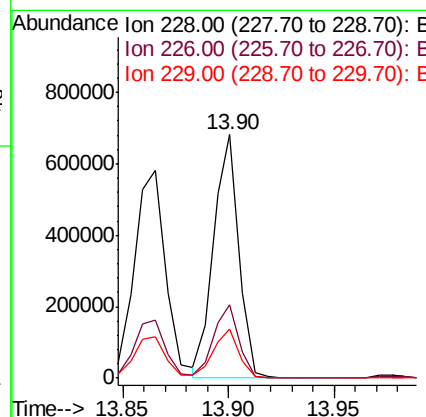
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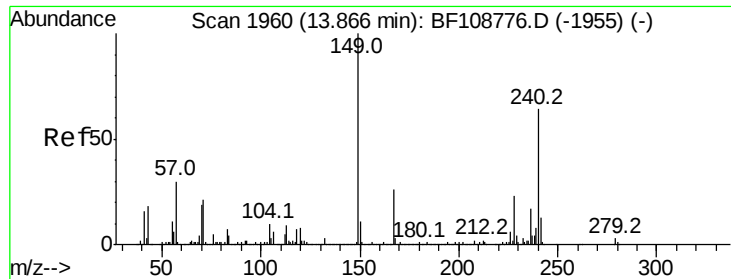
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#82
 Chrysene
 Concen: 25.061 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	565466		
226	30.2		25.0	37.6
229	20.1		16.2	24.4





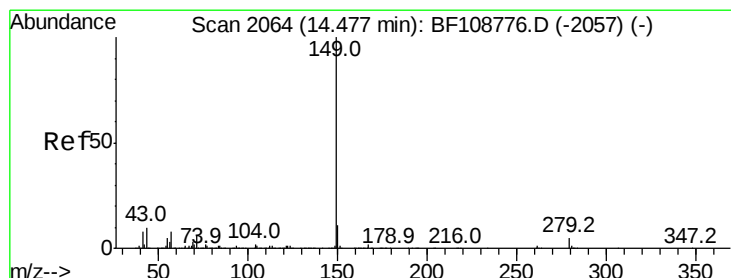
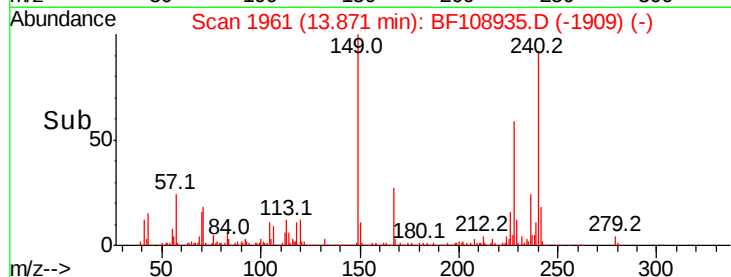
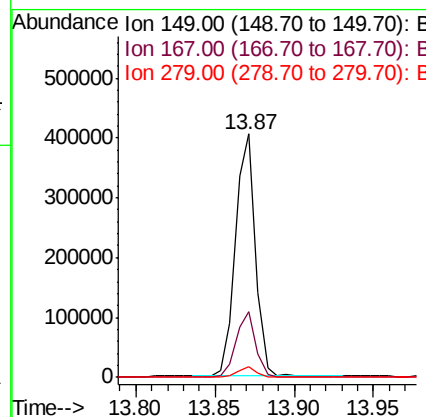
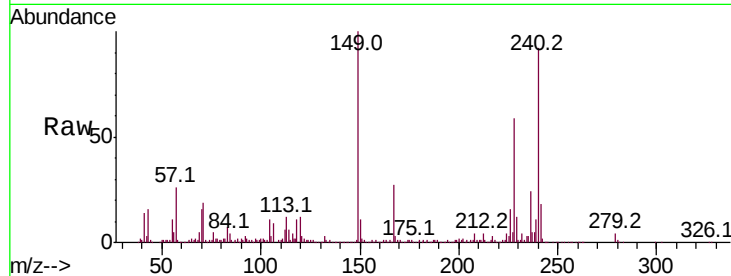
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.236 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.2	3.0	4.4

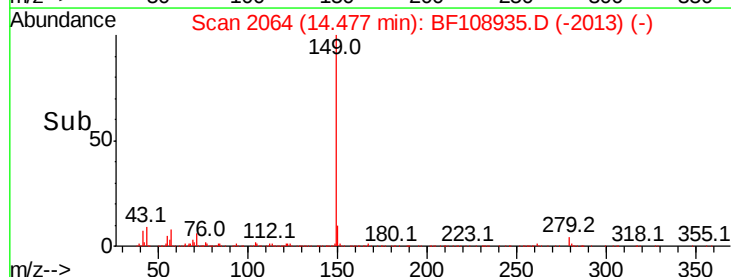
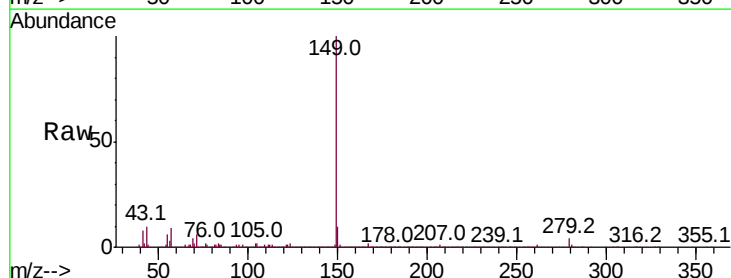
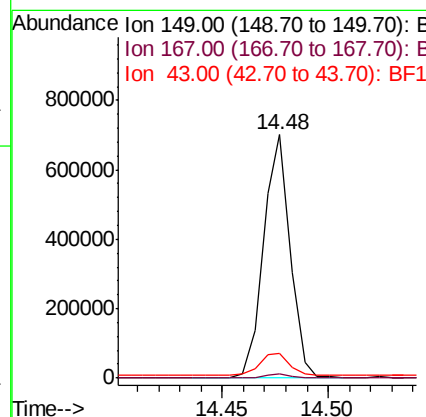
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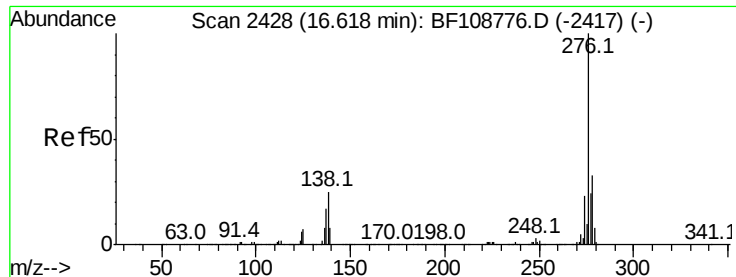
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#84
 Di-n-octyl phthalate
 Concen: 23.065 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6





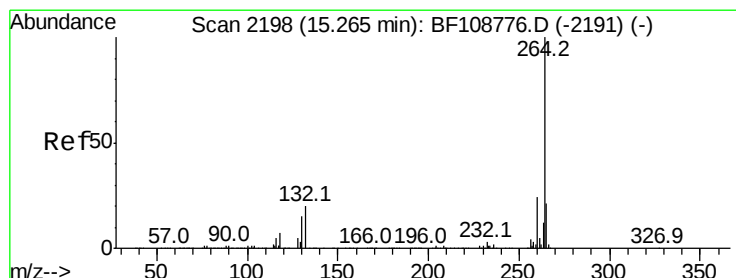
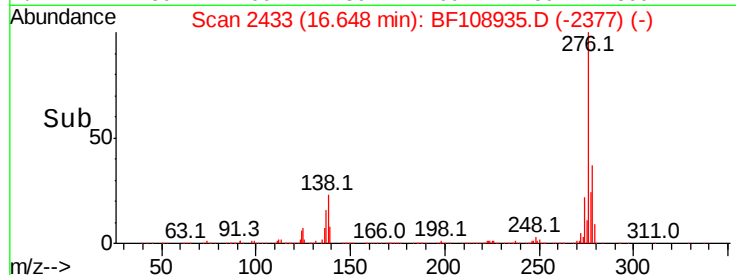
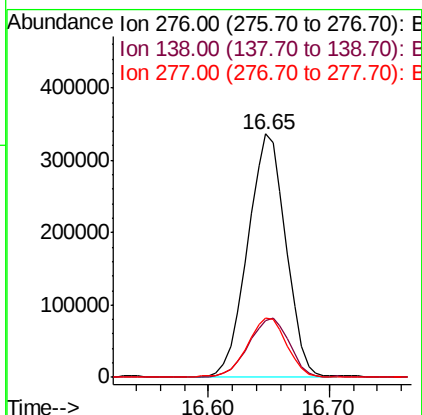
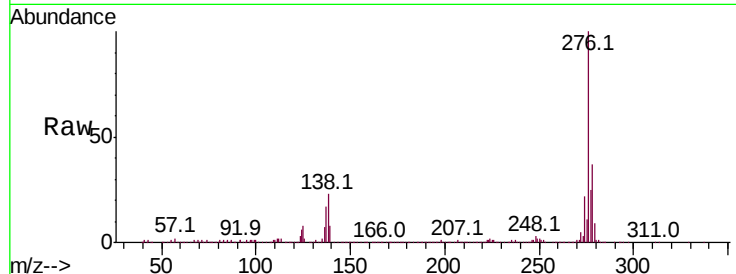
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.801 ng
RT: 16.65 min Scan# 2433
Delta R.T. 0.03 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.0	37.6
277	24.8	20.1	30.1

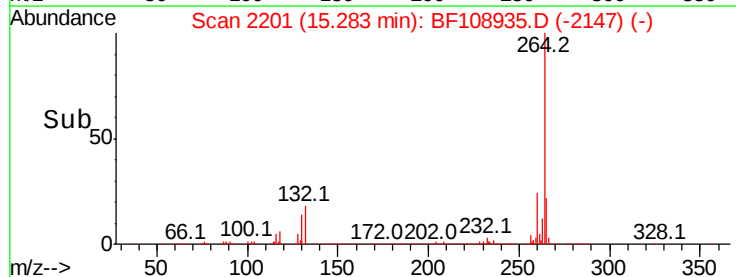
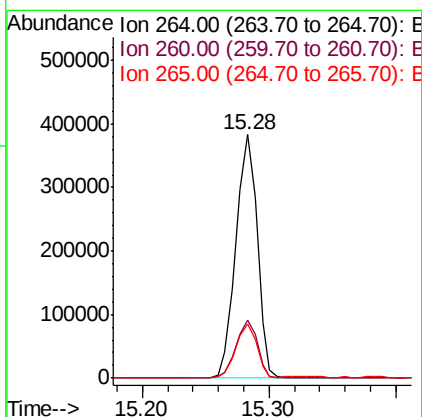
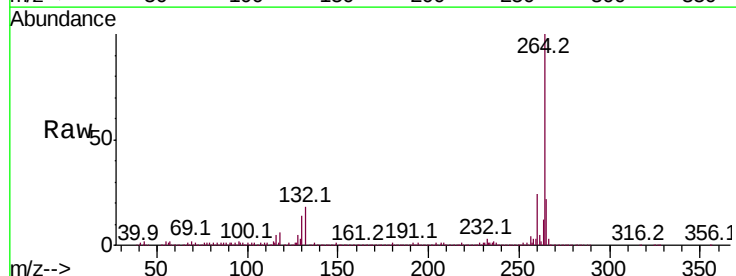
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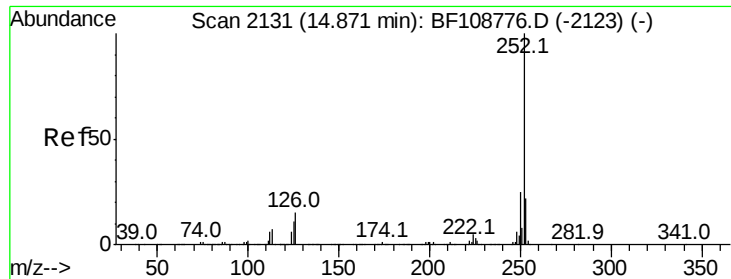
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3





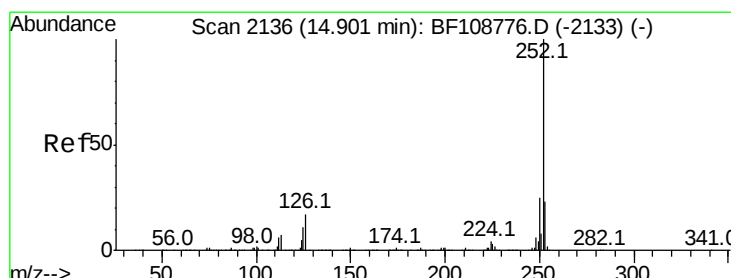
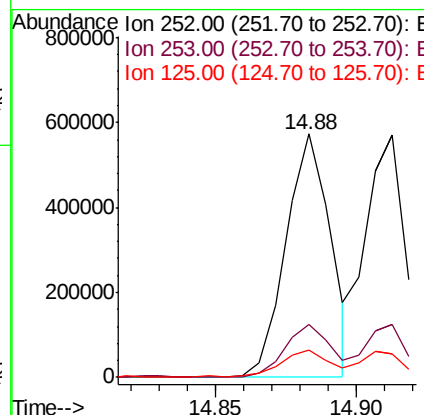
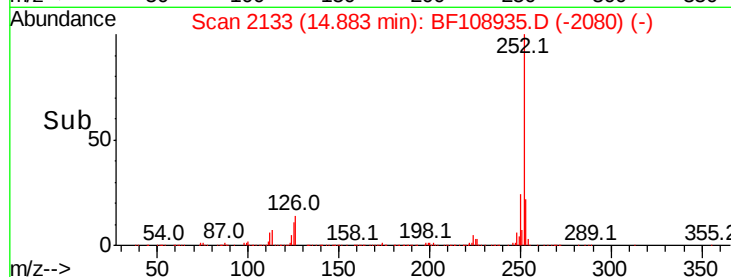
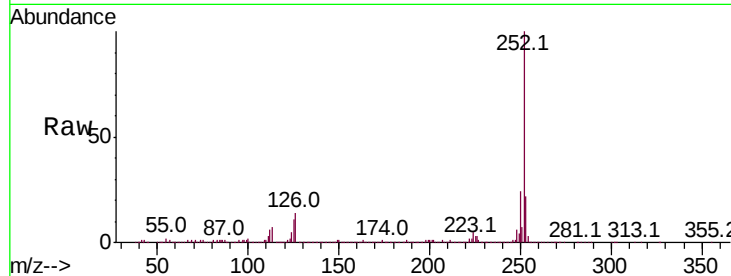
#87
Benzo(b)fluoranthene
Concen: 25.902 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.1	9.0	13.6

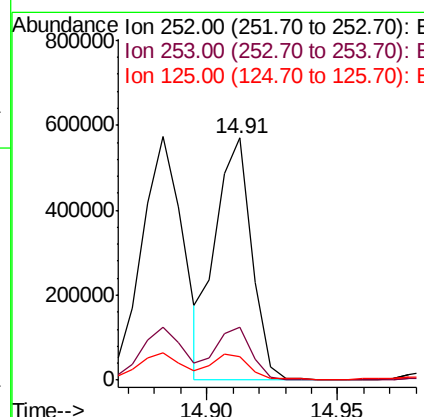
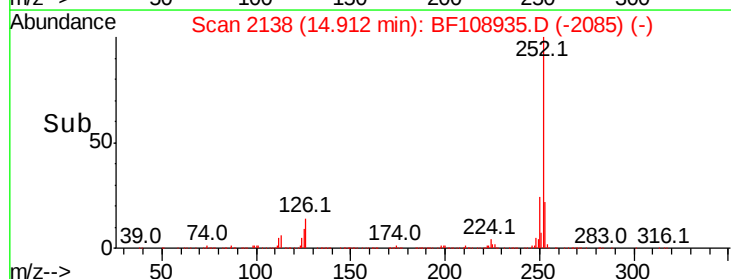
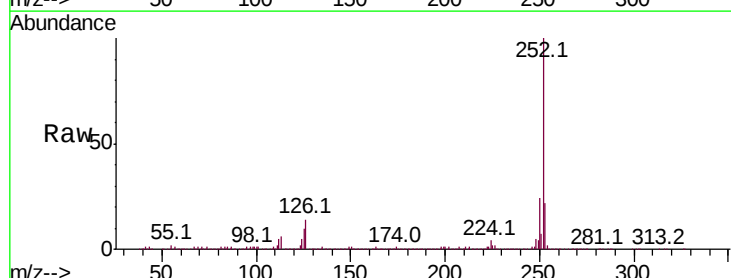
Manual Integrations
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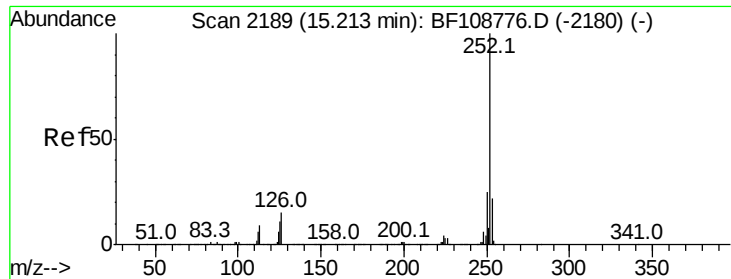
Sohil
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#88
Benzo(k)fluoranthene
Concen: 24.773 ng m
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.9	10.2	15.2#





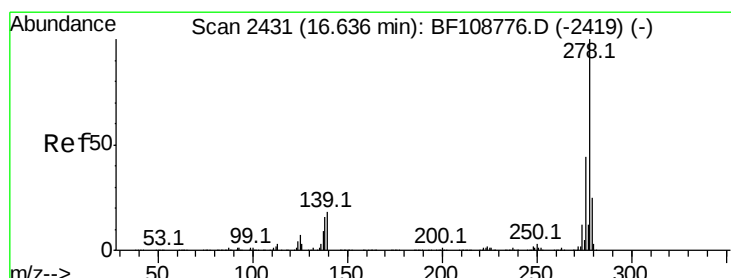
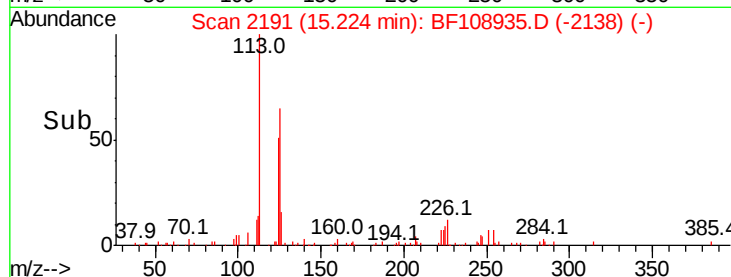
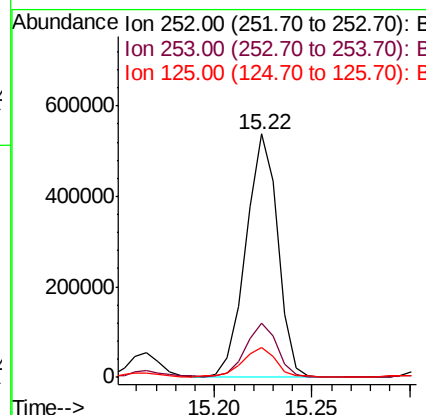
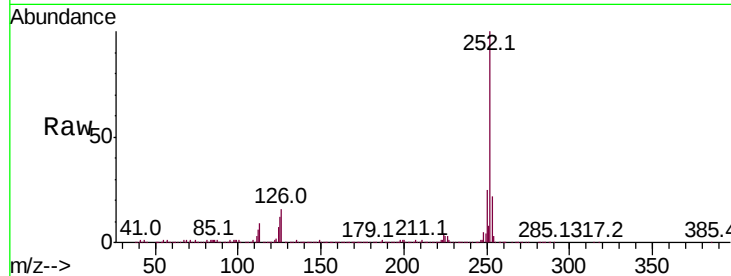
#89
Benzo(a)pyrene
Concen: 27.723 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.3	9.8	14.6

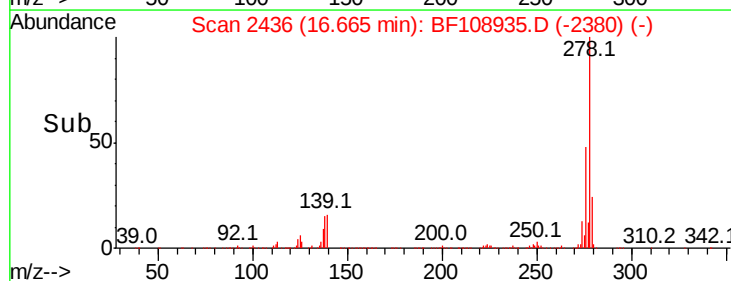
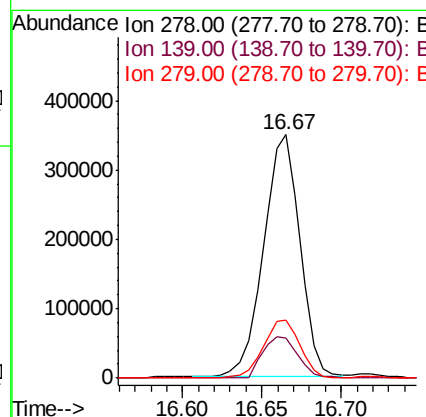
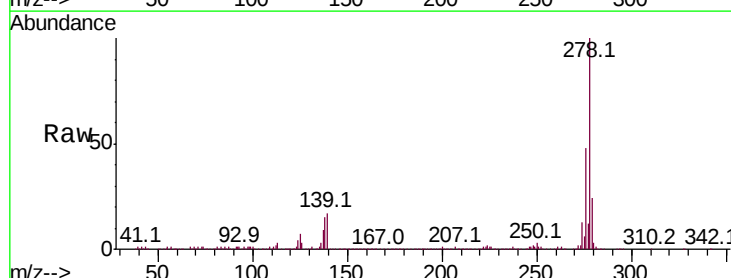
Manual Integrations
APPROVED

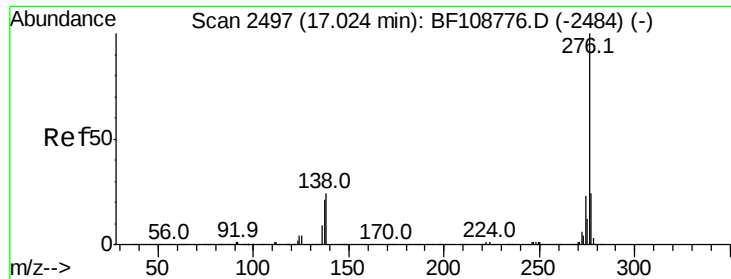
Sohil
9/12/2018 9:11:54 AM



#90
Dibenzo(a,h)anthracene
Concen: 28.943 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108935.D
Acq: 11 Sep 2018 15:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.051 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108935.D
 Acq: 11 Sep 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MSD

Tot Ion:	276	Resp:	637680
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.9	26.9
138	22.6	21.8	32.8

Manual Integrations
 APPROVED

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