

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109007.D
 Acq On : 14 Sep 2018 20:52
 Operator : JU/SJ
 Sample : J4906-29MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Manual Integrations
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Sohil
 9/17/2018 1:59:37 PM

Quant Time: Sep 15 01:04:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150441	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	589744	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	291040	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	580682	20.00	ng	0.00
75) Chrysene-d12	13.85	240	432133	20.00	ng	0.00
86) Perylene-d12	15.25	264	428725	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	567706	62.68	ng	0.00
7) Phenol-d6	6.35	99	743391	63.65	ng	0.00
23) Nitrobenzene-d5	7.28	82	448303	42.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	205131	64.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	807596	43.47	ng	0.00
78) Terphenyl-d14	12.81	244	890177	48.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	76048	17.638	ng	94
3) Pyridine	3.12	79	212387	18.582	ng	90
4) n-Nitrosodimethylamine	3.03	42	97900	22.679	ng	92
6) Aniline	6.38	93	289845	19.200	ng	96
8) 2-Chlorophenol	6.50	128	219755	21.679	ng	97
9) Benzaldehyde	6.26	77	101066	13.549	ng	98
10) Phenol	6.37	94	302037	22.983	ng	95
11) bis(2-Chloroethyl)ether	6.45	93	210453	20.355	ng	97
12) 1,3-Dichlorobenzene	6.66	146	231163	19.941	ng	99
13) 1,4-Dichlorobenzene	6.74	146	232870	20.024	ng	99
14) 1,2-Dichlorobenzene	6.89	146	223476	20.728	ng	99
15) Benzyl Alcohol	6.86	79	195343	22.030	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	303902	20.515	ng	96
17) 2-Methylphenol	6.97	107	183876	22.234	ng	97
18) Hexachloroethane	7.24	117	83513	19.772	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	156038	20.211	ng	99
20) 3+4-Methylphenols	7.12	107	225683	22.659	ng	# 61
22) Acetophenone	7.12	105	297518	22.214	ng	# 93
24) Nitrobenzene	7.30	77	231662	21.370	ng	98
25) Isophorone	7.54	82	430323	23.809	ng	99
26) 2-Nitrophenol	7.62	139	108120	21.359	ng	93
27) 2,4-Dimethylphenol	7.66	122	198764	25.032	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	275021	22.612	ng	98
29) 2,4-Dichlorophenol	7.85	162	189526	22.399	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	189448	20.712	ng	97
31) Naphthalene	8.02	128	630320	23.028	ng	99
32) Benzoic acid	7.72	122	25641m	4.942	ng	
33) 4-Chloroaniline	8.07	127	227643	18.705	ng	100
34) Hexachlorobutadiene	8.15	225	109435	19.598	ng	96
35) Caprolactam	8.41	113	64321m	23.316	ng	
36) 4-Chloro-3-methylphenol	8.55	107	202896	22.778	ng	97
37) 2-Methylnaphthalene	8.71	142	430432	24.123	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	184750	20.169	ng	98
40) Hexachlorocyclopentadiene	8.87	237	178509	38.678	ng	99

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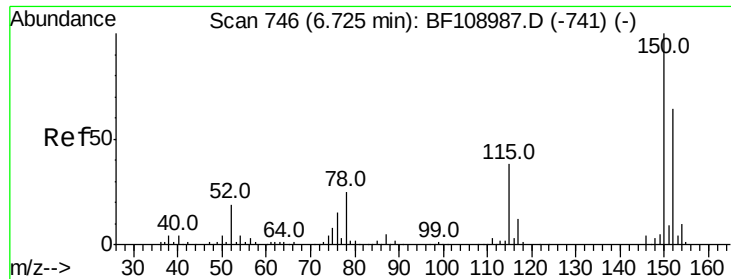
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	140059	22.748	ng	97
43) 2,4,5-Trichlorophenol	9.02	196	149279	23.201	ng	98
45) 1,1'-Biphenyl	9.18	154	505117	21.693	ng	99
46) 2-Chloronaphthalene	9.20	162	395733	21.222	ng	96
47) 2-Nitroaniline	9.29	65	129032	22.508	ng	98
48) Acenaphthylene	9.61	152	652151	23.196	ng	99
49) Dimethylphthalate	9.48	163	561657	27.001	ng	100
50) 2,6-Dinitrotoluene	9.53	165	104331	22.616	ng	97
51) Acenaphthene	9.78	154	387332	22.124	ng	98
52) 3-Nitroaniline	9.70	138	110277	20.301	ng	94
53) 2,4-Dinitrophenol	9.80	184	30608	17.216	ng	# 21
54) Dibenzofuran	9.95	168	559099	22.100	ng	99
55) 4-Nitrophenol	9.86	139	180541	45.111	ng	99
56) 2,4-Dinitrotoluene	9.93	165	140662	23.315	ng	96
57) Fluorene	10.30	166	422121	25.038	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	124296	23.331	ng	88
59) Diethylphthalate	10.18	149	473631	22.547	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	197570	21.885	ng	96
61) 4-Nitroaniline	10.31	138	115950	22.467	ng	94
62) Azobenzene	10.45	77	474195	22.053	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	41551	14.956	ng	94
65) n-Nitrosodiphenylamine	10.41	169	418282	22.021	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	135313	20.670	ng	# 89
67) Hexachlorobenzene	10.85	284	145159	20.730	ng	# 86
68) Atrazine	10.94	200	141982	23.351	ng	96
69) Pentachlorophenol	11.04	266	150167	33.519	ng	98
70) Phenanthrene	11.25	178	656640	23.068	ng	99
71) Anthracene	11.30	178	688090	23.847	ng	99
72) Carbazole	11.45	167	641186	22.447	ng	100
73) Di-n-butylphthalate	11.80	149	762712	22.811	ng	99
74) Fluoranthene	12.43	202	710042	23.628	ng	98
76) Benzidine	12.55	184	499144	32.630	ng	98
77) Pyrene	12.66	202	703675	21.923	ng	100
79) Butylbenzylphthalate	13.28	149	319513	22.287	ng	95
80) Benzo(a)anthracene	13.84	228	594528	22.724	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	194721	18.444	ng	97
82) Chrysene	13.88	228	563902	21.543	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	400659	23.081	ng	100
84) Di-n-octyl phthalate	14.46	149	699696	23.767	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	530655	25.357	ng	95
87) Benzo(b)fluoranthene	14.86	252	538350	22.698	ng	98
88) Benzo(k)fluoranthene	14.88	252	478305	21.591	ng	99
89) Benzo(a)pyrene	15.19	252	487982	23.167	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	446573	25.236	ng	96
91) Benzo(g,h,i)perylene	17.01	276	444231	25.109	ng	93

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



#1

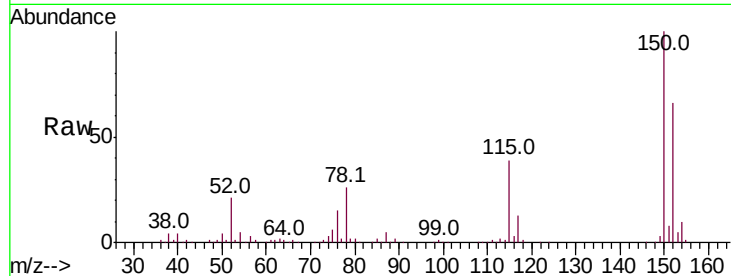
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

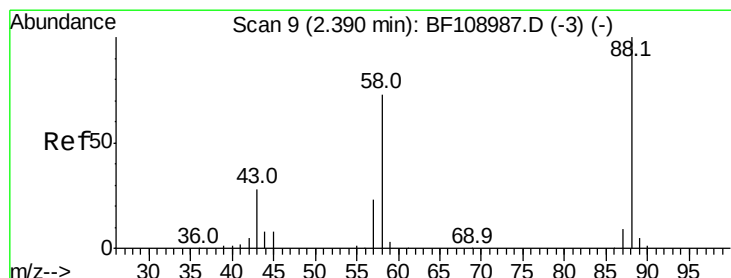
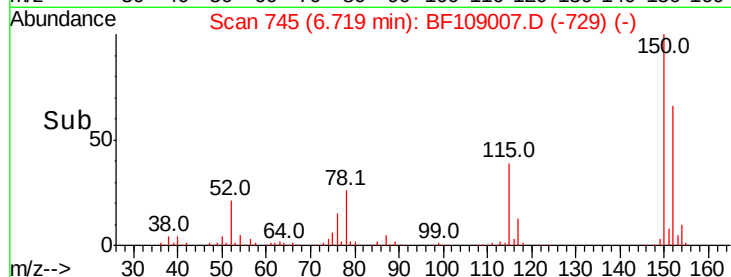
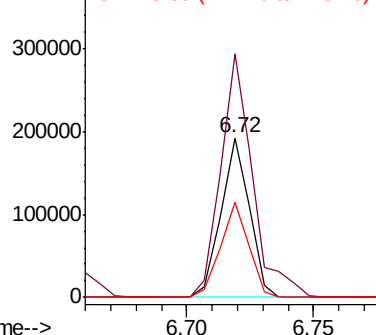
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	59.7	50.1	75.1

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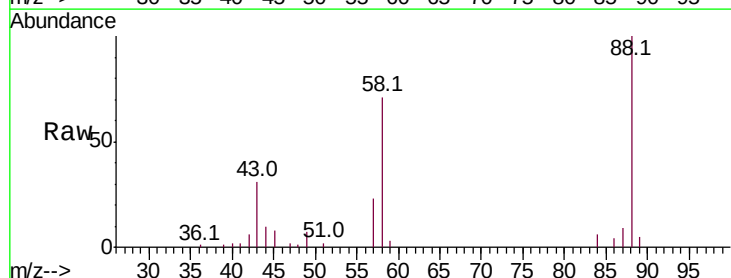
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



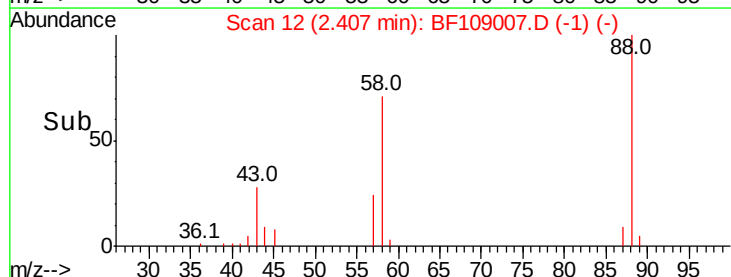
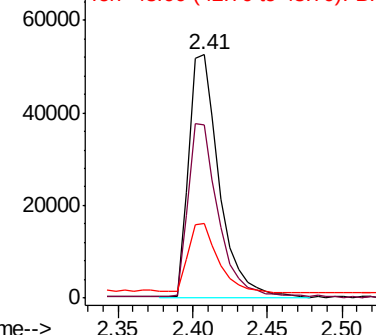
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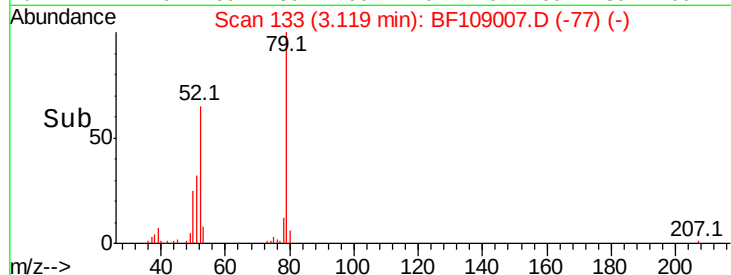
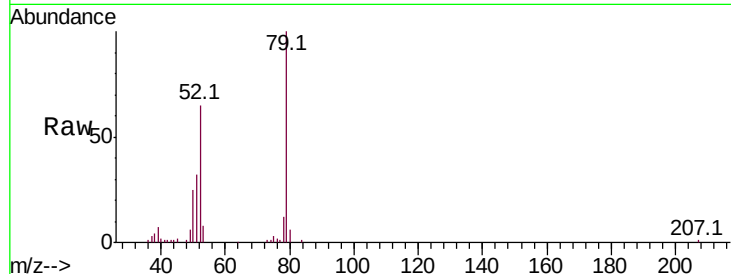
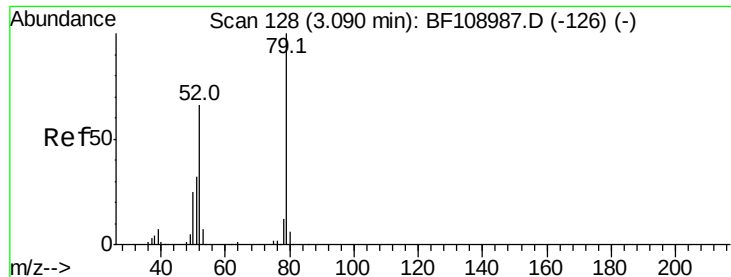
1,4-Dioxane
Concen: 17.638 ng
RT: 2.41 min Scan# 12
Delta R.T. 0.02 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	62.6	93.8
43	28.5	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





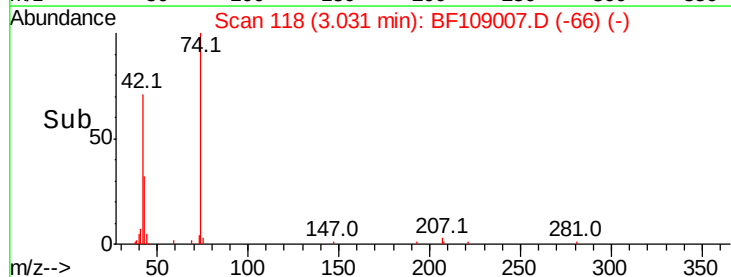
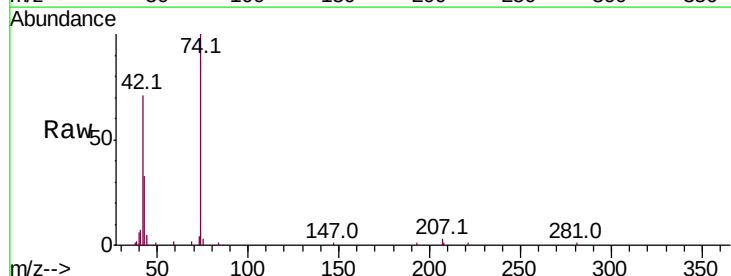
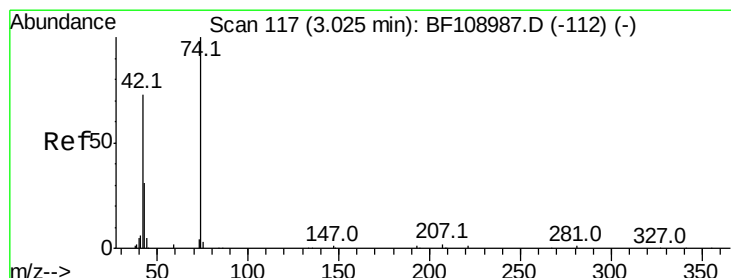
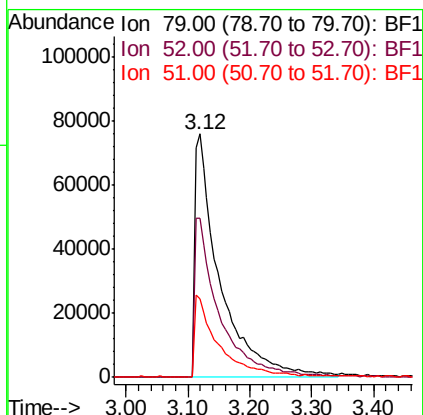
#3
Pvridine
Concen: 18.582 ng
RT: 3.12 min Scan# 133
Delta R.T. 0.03 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	59.8	89.6
51	32.2	29.8	44.8

Instrument :
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ClientSampleId :
SP-PIT-2MSD

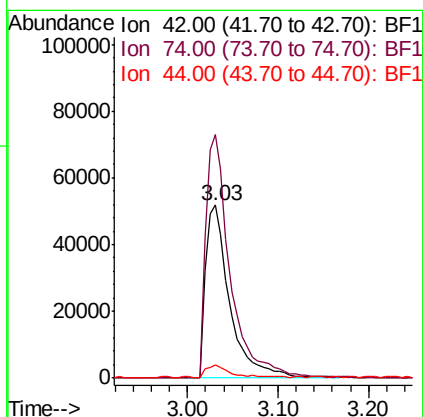
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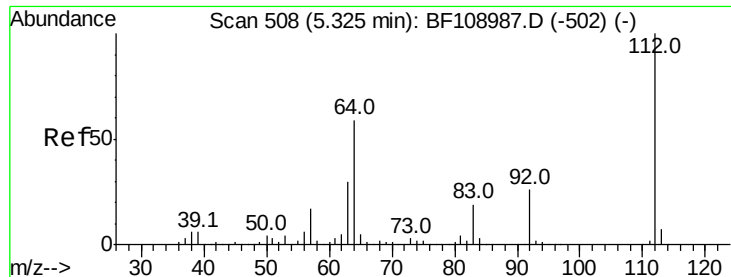
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#4
n-Nitrosodimethylamine
Concen: 22.679 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.8	104.9	157.3
44	7.5	6.9	10.3





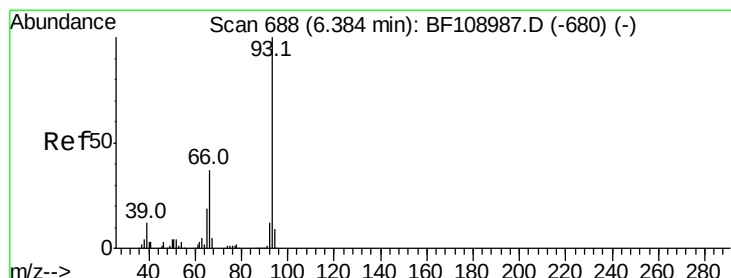
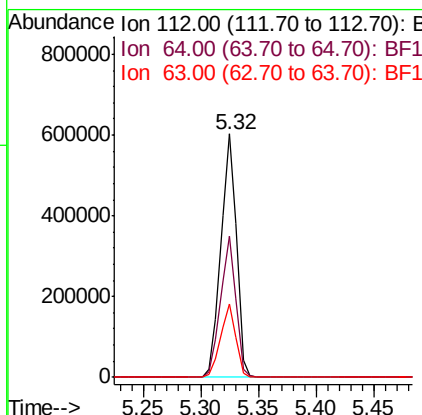
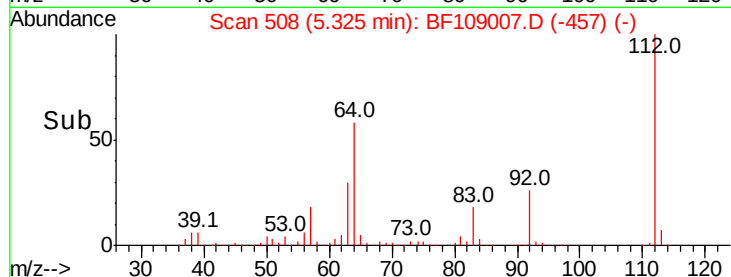
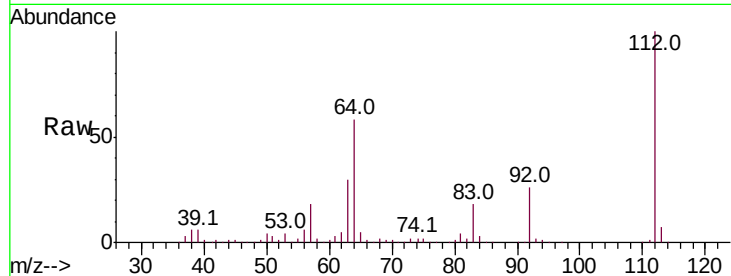
#5
2-Fluorophenol
Concen: 62.675 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	567706		
64	58.2	47.9	71.9	
63	30.2	23.7	35.5	

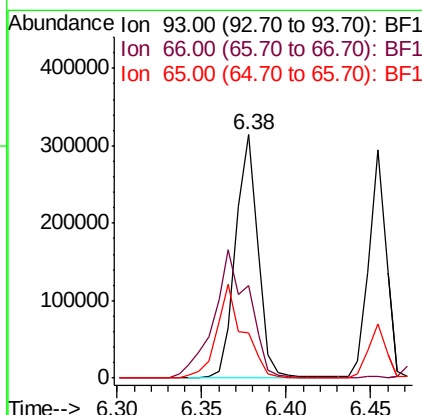
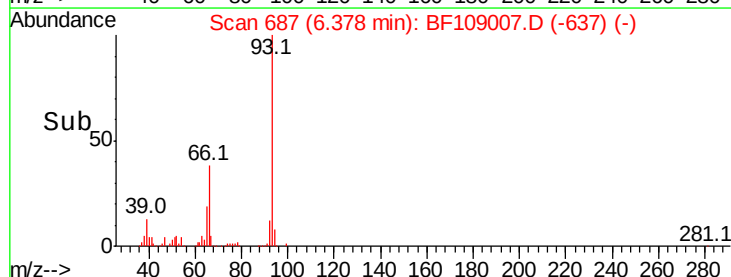
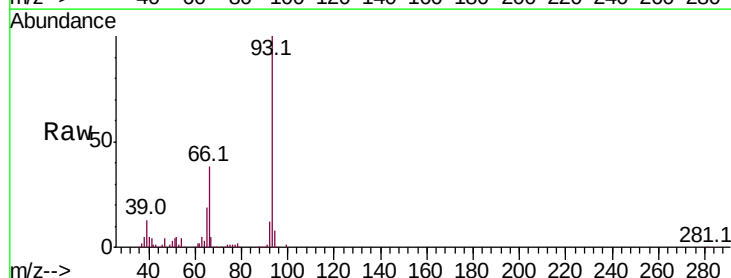
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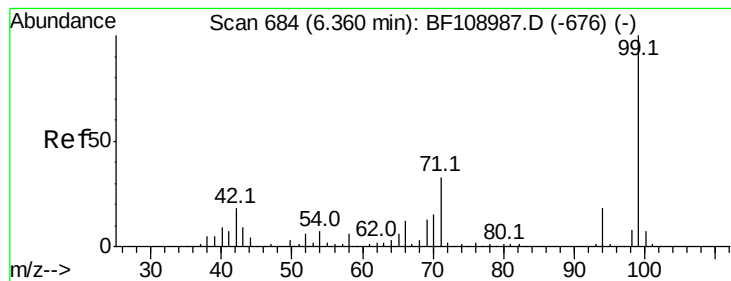
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#6
Aniline
Concen: 19.200 ng
RT: 6.38 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	289845		
66	38.2	32.2	48.2	
65	18.6	16.4	24.6	





#7

Phenol-d6

Concen: 63.648 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

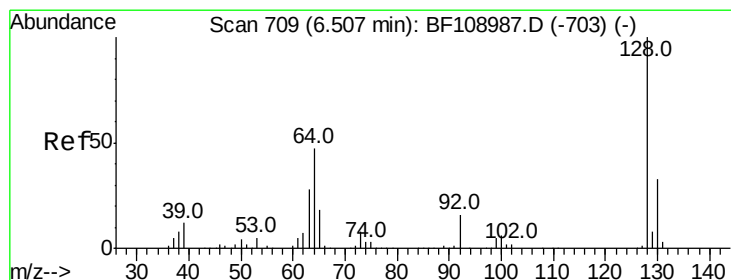
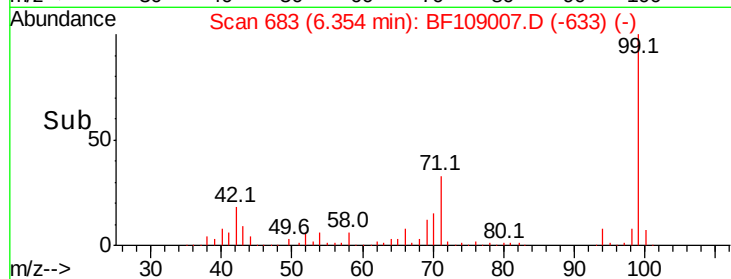
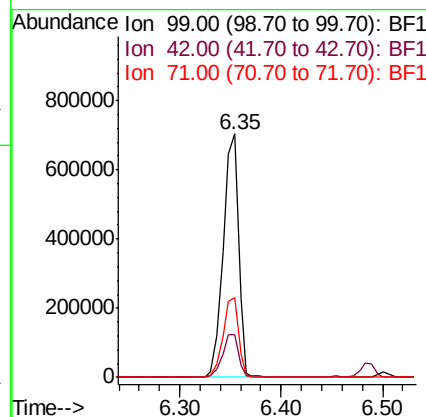
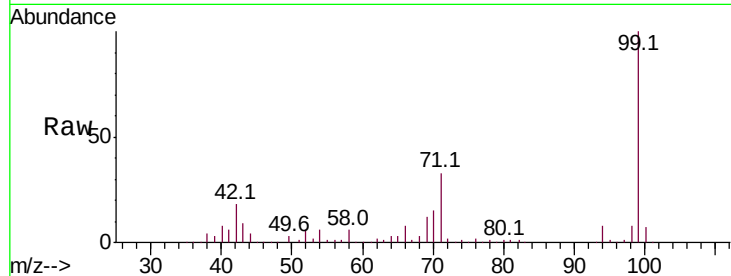
ClientSampled :

SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	743391		
42	17.6		14.5	21.7
71	32.8		25.4	38.0

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#8

2-Chlorophenol

Concen: 21.679 ng

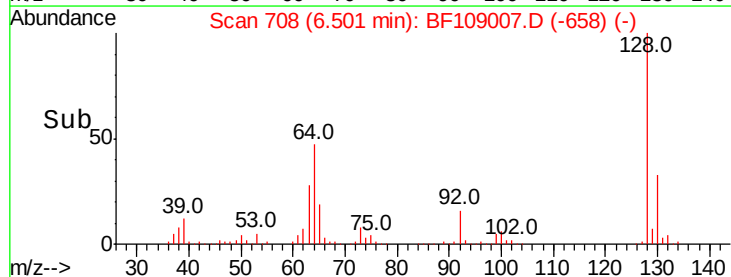
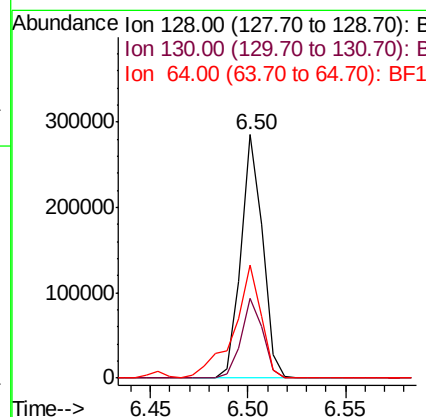
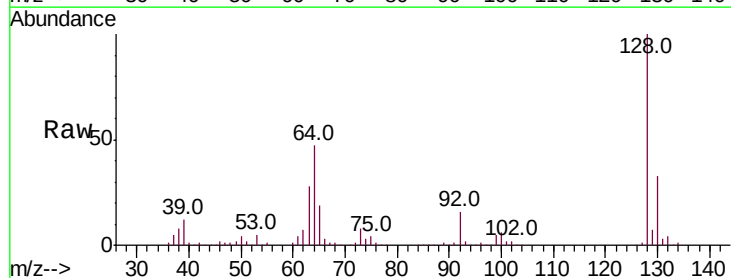
RT: 6.50 min Scan# 708

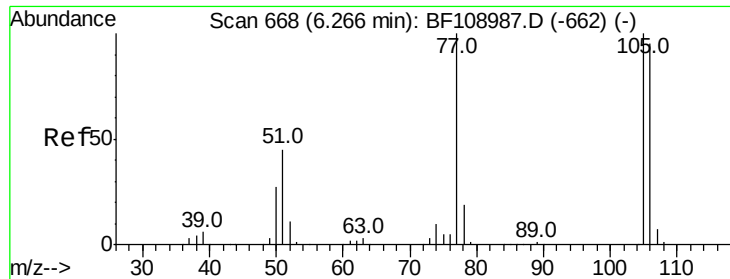
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	219755		
130	32.8		13.0	53.0
64	46.6		29.4	69.4





#9

Benzaldehyde

Concen: 13.549 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

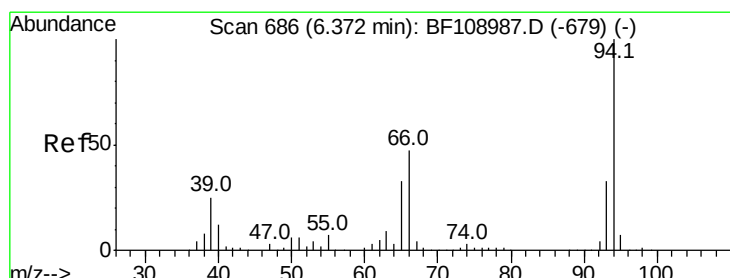
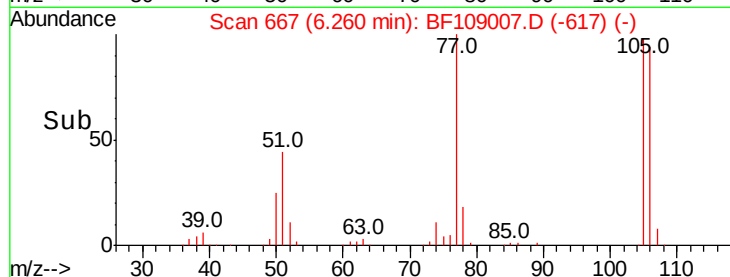
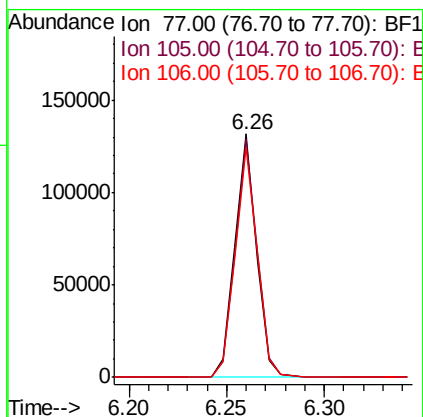
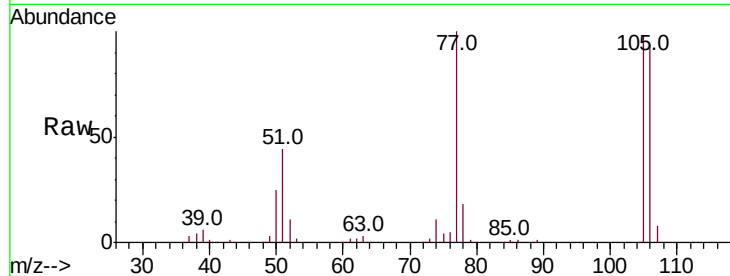
ClientSampleId :

SP-PIT-2MSD

Tot Ion:	77	Resp:	101066
Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	94.3	74.5	114.5

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#10

Phenol

Concen: 22.983 ng

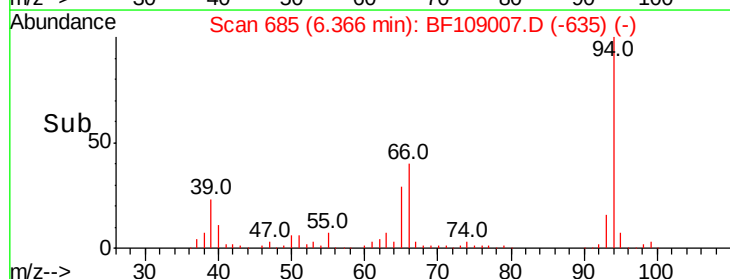
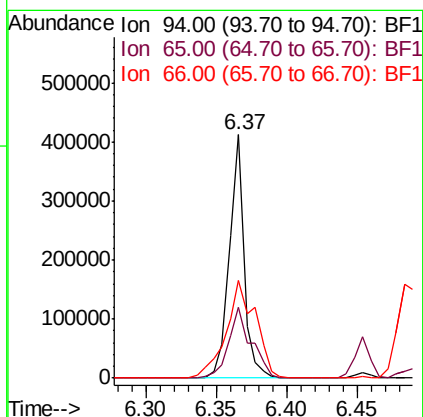
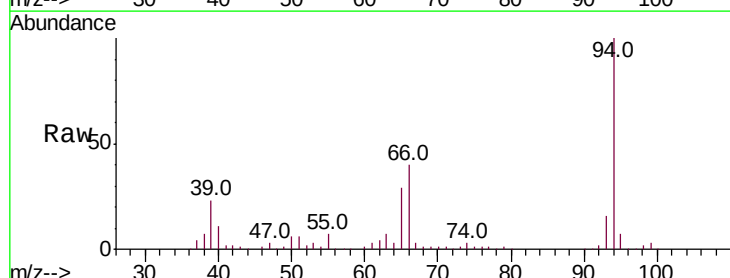
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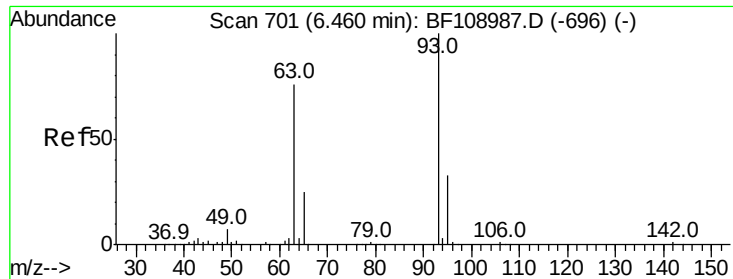
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	94	Resp:	302037
Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	40.2	16.2	56.2





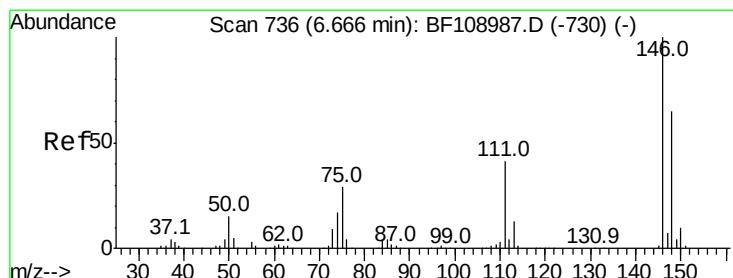
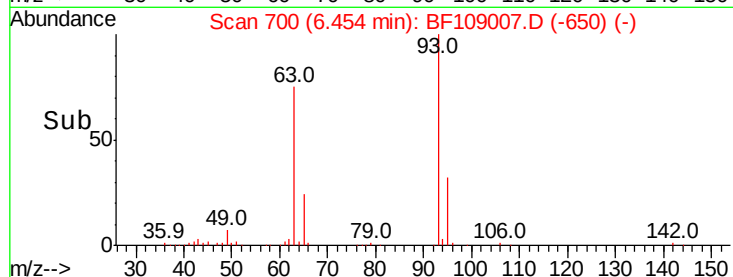
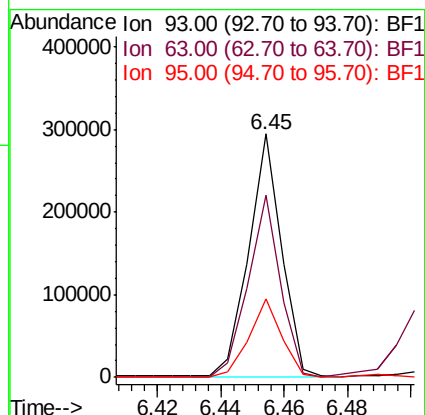
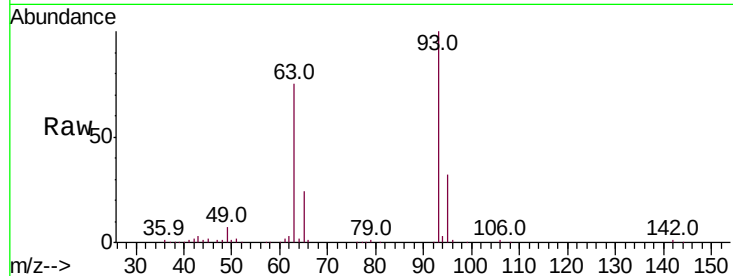
#11
bis(2-Chloroethyl)ether
Concen: 20.355 ng
RT: 6.45 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion:	93	Resp:	210453
Ion Ratio	Lower	Upper	
93	100		
63	74.9	58.6	98.6
95	32.2	11.8	51.8

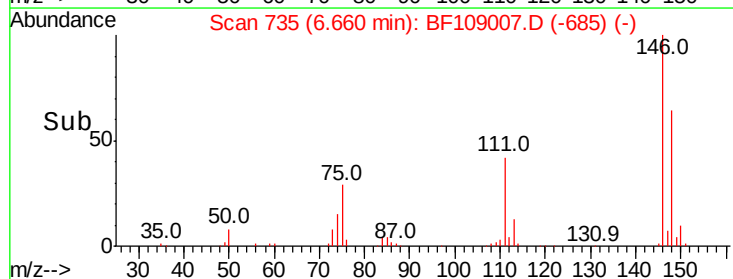
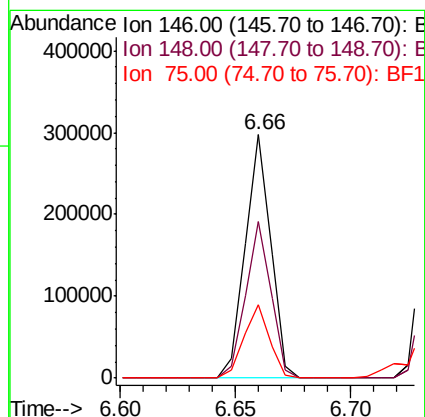
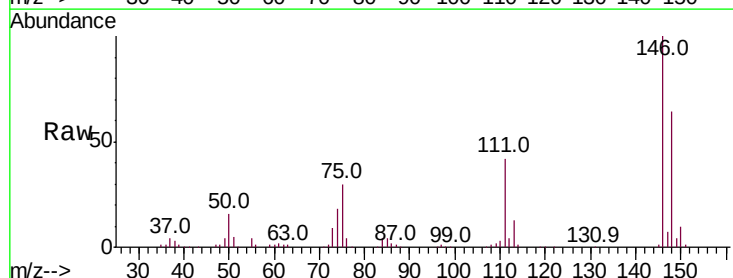
Manual Integrations
APPROVED

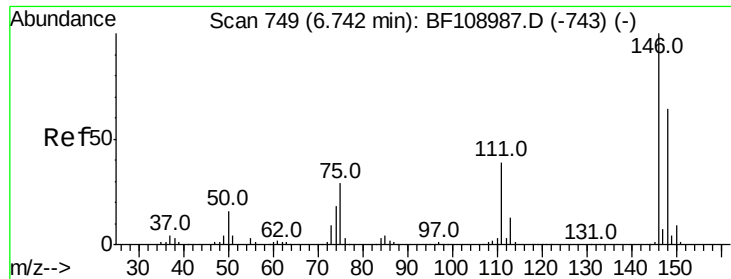
Sohil
9/17/2018 1:59:37 PM



#12
1,3-Dichlorobenzene
Concen: 19.941 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:	146	Resp:	231163
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.8
75	30.2	24.2	36.4





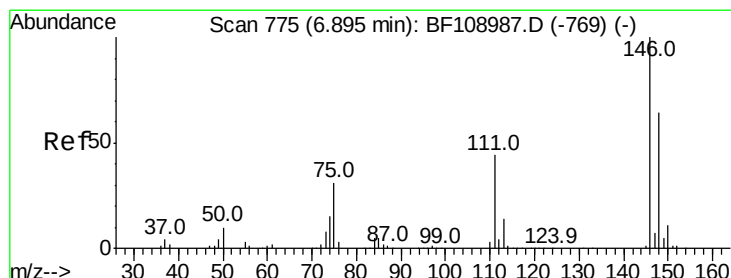
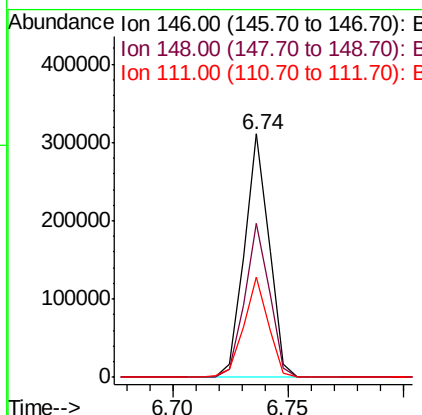
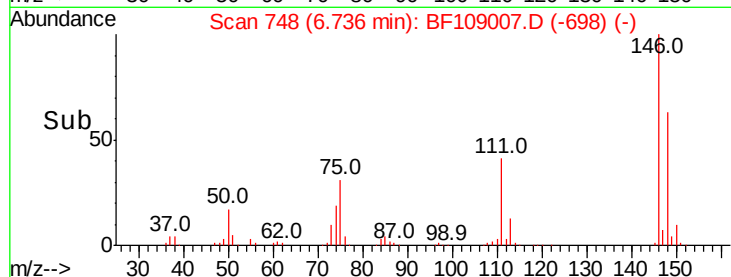
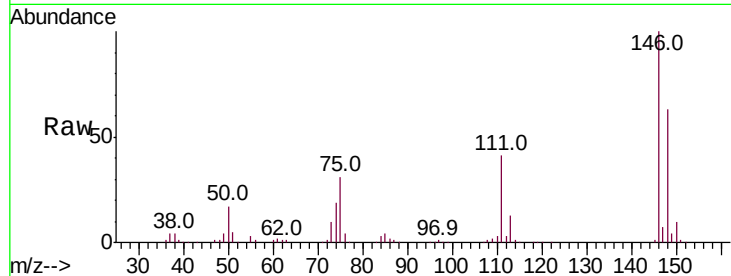
#13
 1,4-Dichlorobenzene
 Concen: 20.024 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	41.1	34.2	51.2

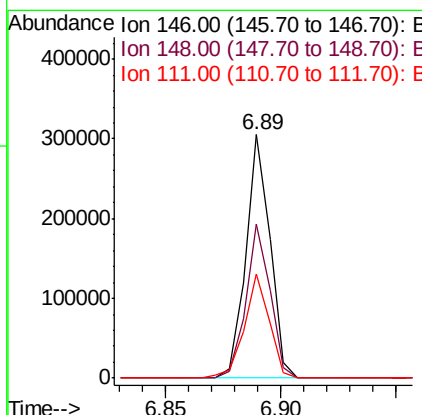
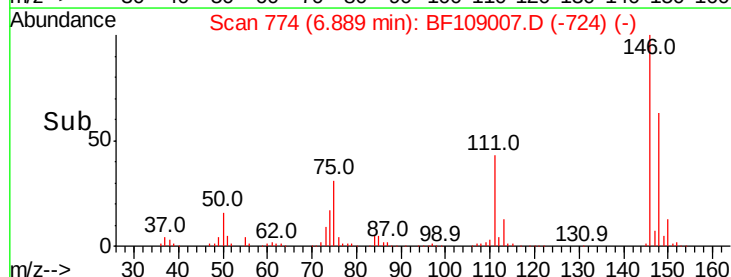
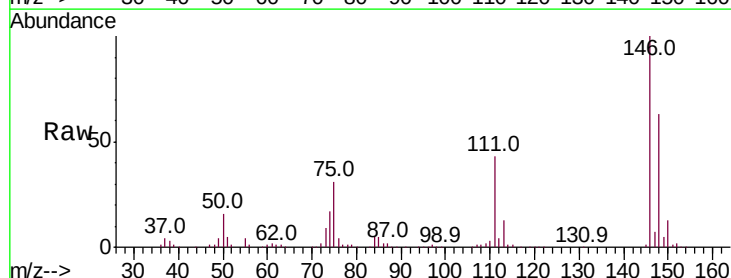
Manual Integrations
 APPROVED

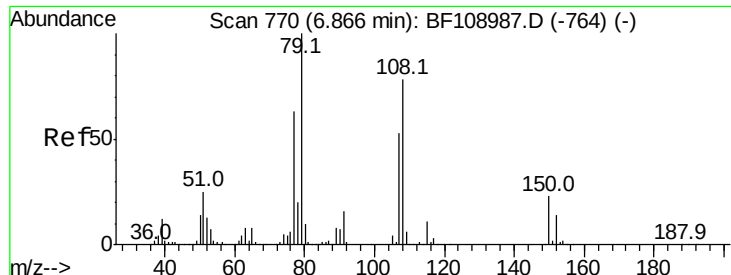
Sohil
 9/17/2018 1:59:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 20.728 ng
 RT: 6.89 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 22.030 ng

RT: 6.86 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

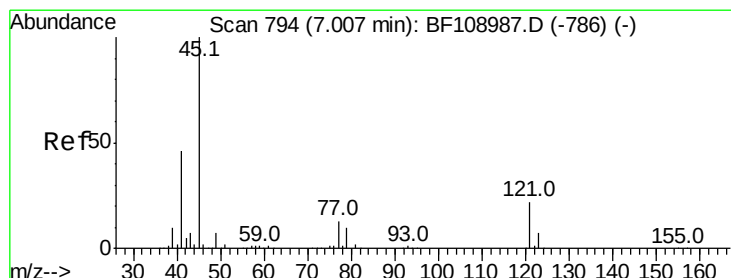
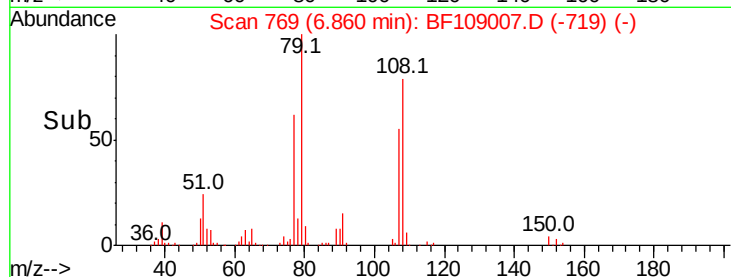
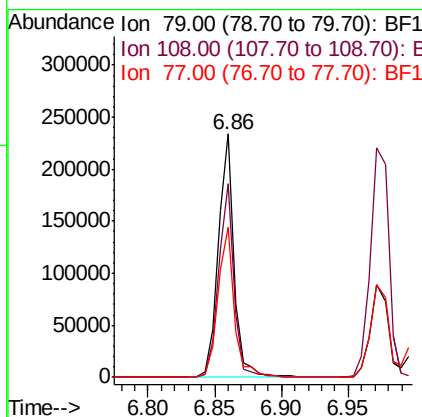
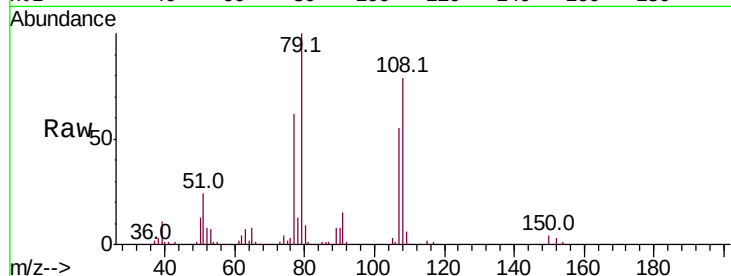
ClientSampled :

SP-PIT-2MSD

Tot Ion:	79	Resp:	195343
Ion Ratio	Lower	Upper	
79	100		
108	79.4	65.1	97.7
77	61.6	50.6	75.8

Manual Integrations
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9/17/2018 1:59:37 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.515 ng

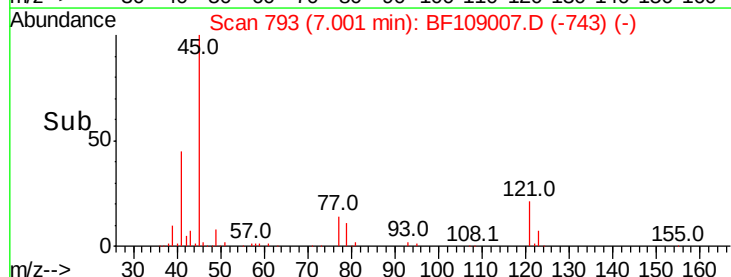
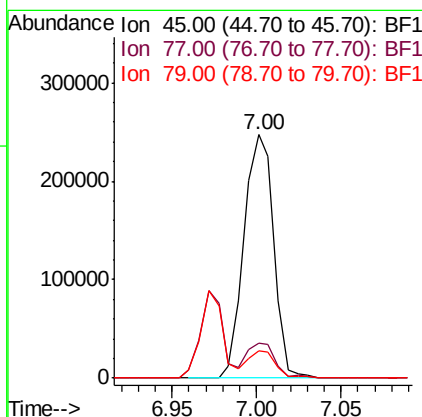
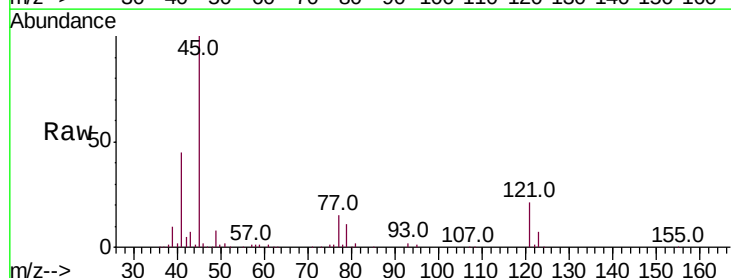
RT: 7.00 min Scan# 793

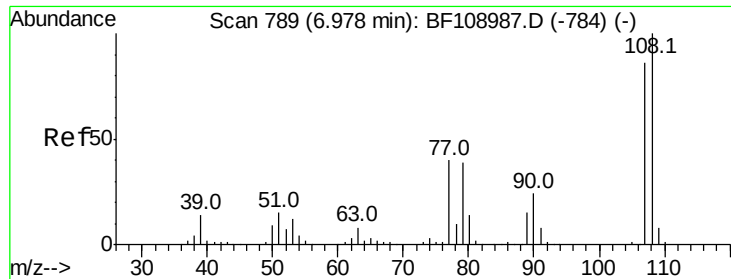
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	45	Resp:	303902
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	32.9
79	11.0	0.0	29.6





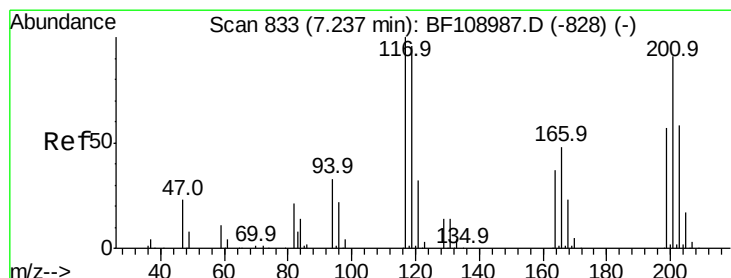
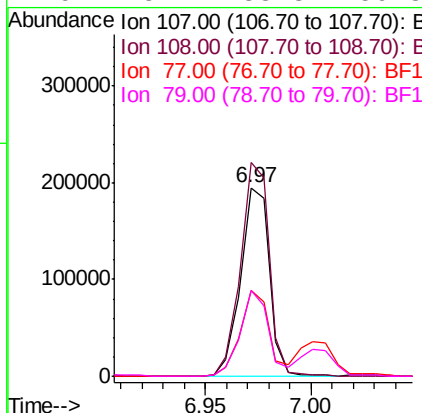
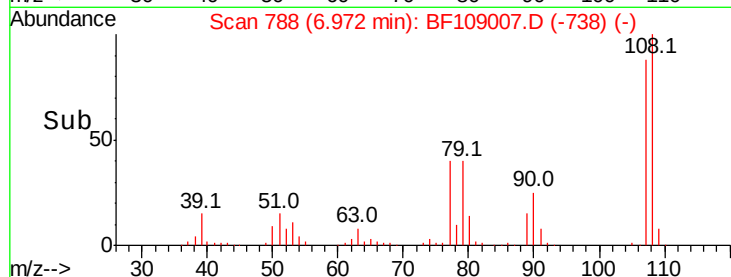
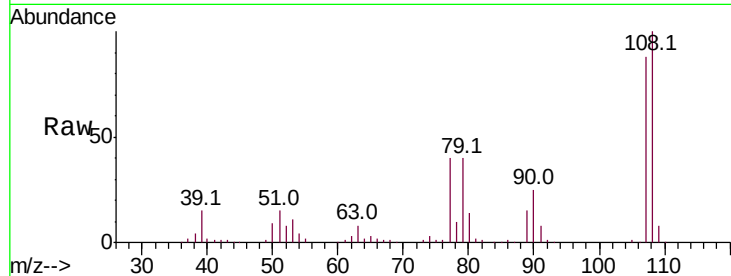
#17
2-Methylphenol
Concen: 22.234 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	183876		
108	113.4	91.7	137.5	
77	45.5	33.8	50.8	
79	45.4	33.8	50.8	

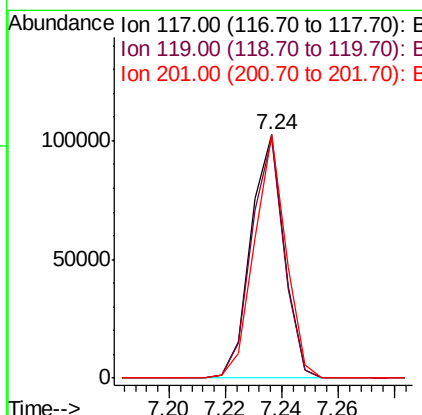
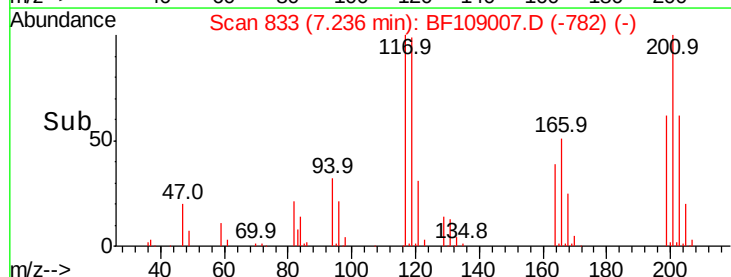
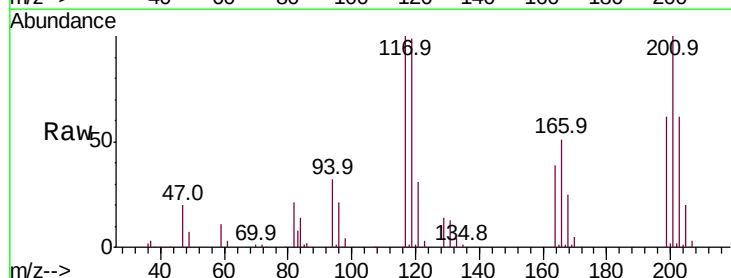
Manual Integrations
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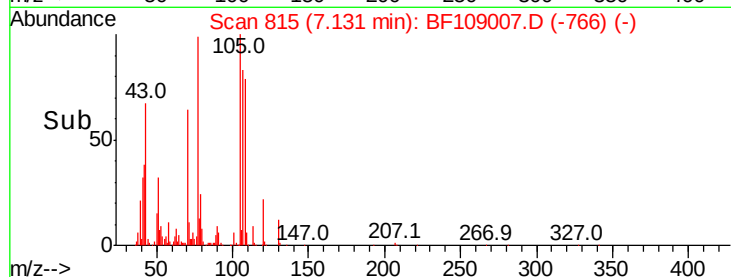
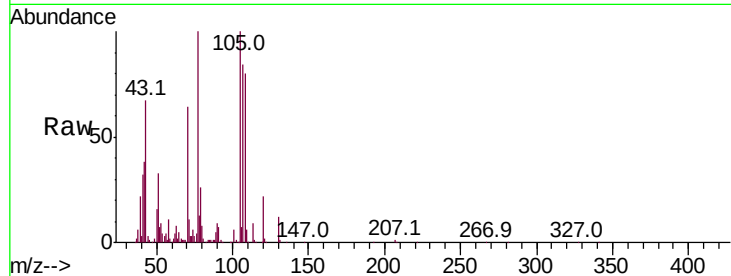
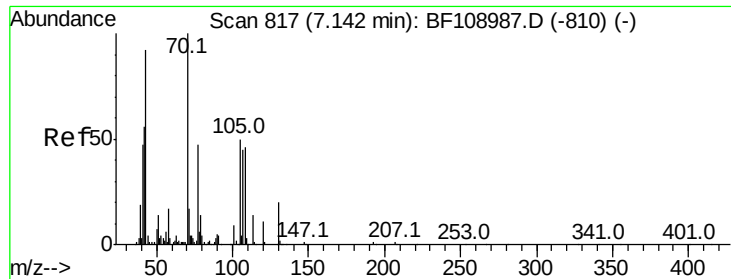
Sohil
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#18
Hexachloroethane
Concen: 19.772 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	83513		
119	98.7	75.8	113.8	
201	99.9	75.7	113.5	





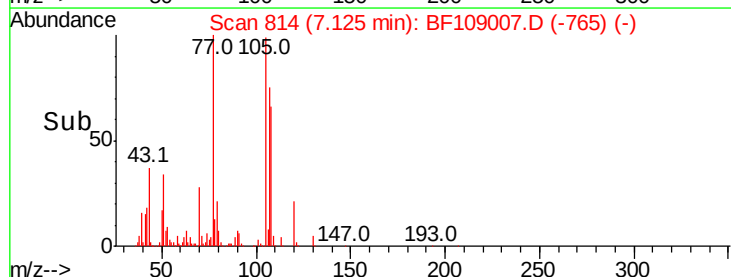
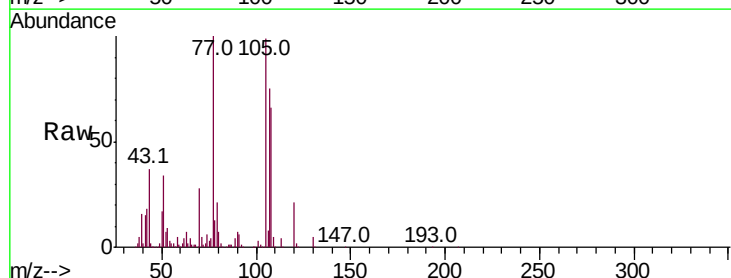
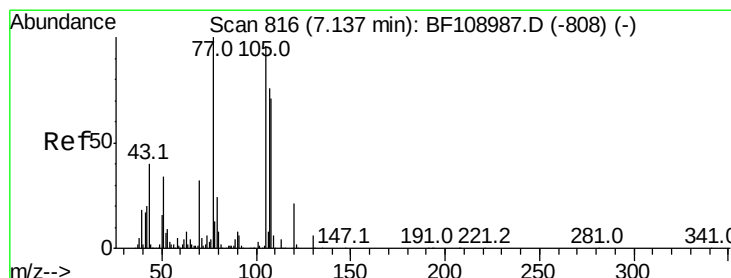
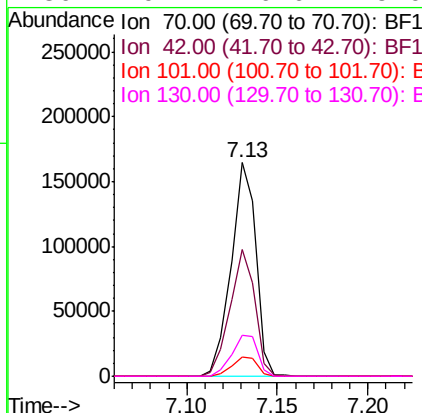
#19
n-Nitroso-di-n-propylamine
Concen: 20.211 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampled :
SP-PIT-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	47.5	71.3	
101	9.0	7.4	11.2	
130	19.2	16.6	25.0	

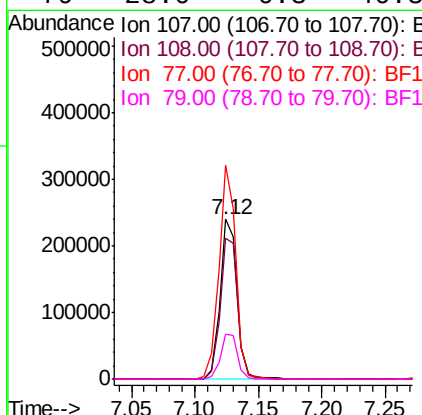
Manual Integrations
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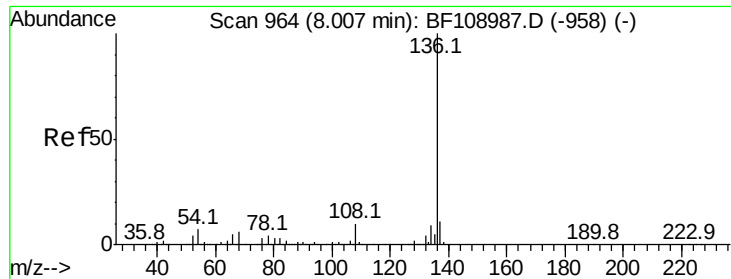
Sohil
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#20
3+4-Methylphenols
Concen: 22.659 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.2	108.2	
77	133.7	26.7	66.7#	
79	28.0	6.3	46.3	





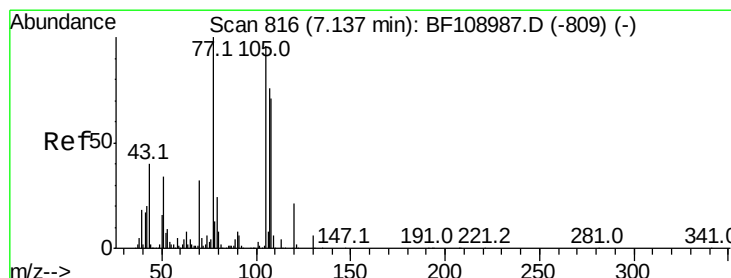
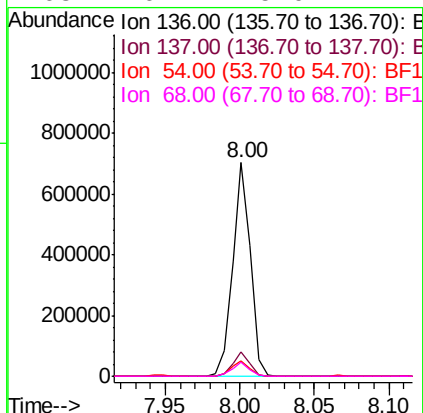
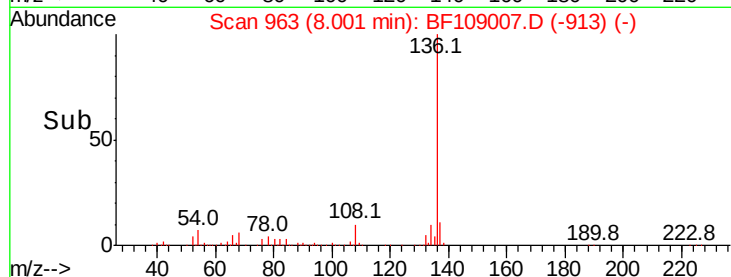
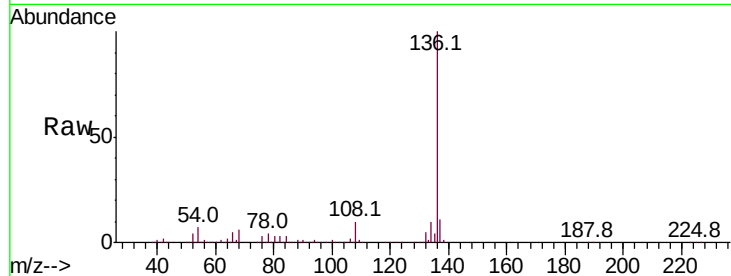
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.4	6.6	9.8	
68	6.4	5.0	7.4	

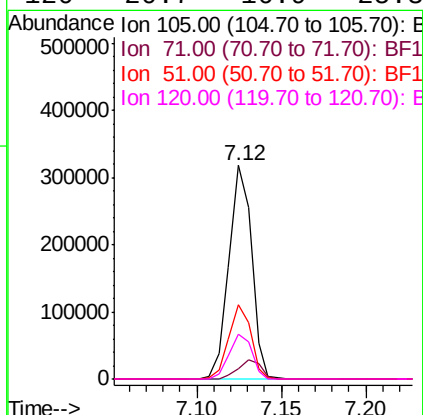
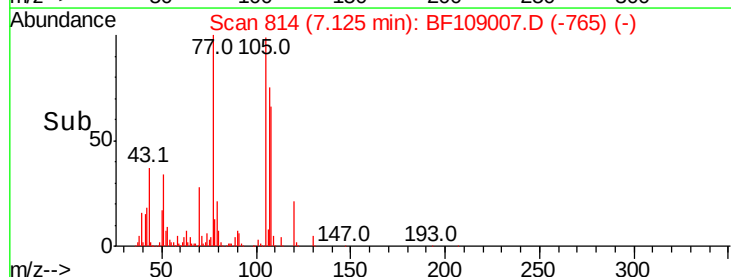
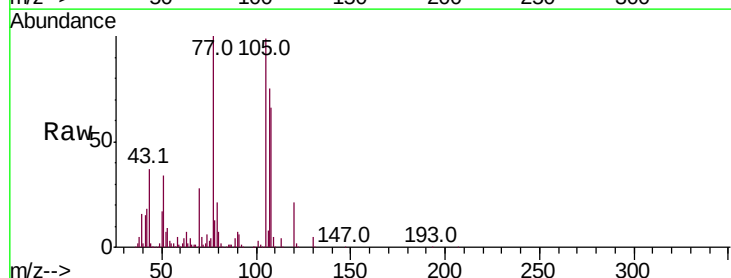
Manual Integrations
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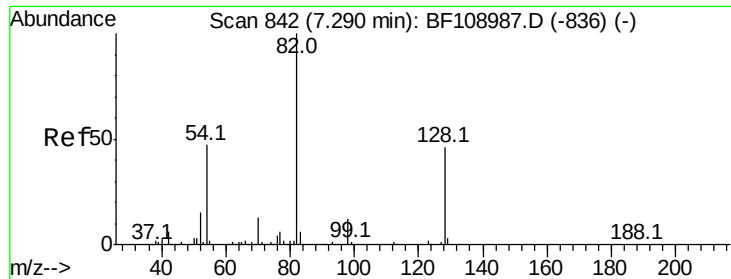
Sohil
9/17/2018 1:59:37 PM



#22
Acetophenone
Concen: 22.214 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.4	6.6	
51	34.6	22.3	33.5	
120	20.7	16.9	25.3	





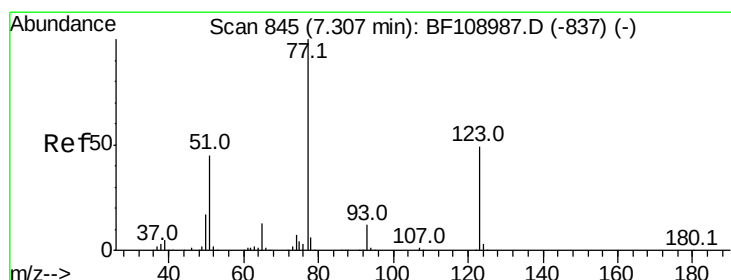
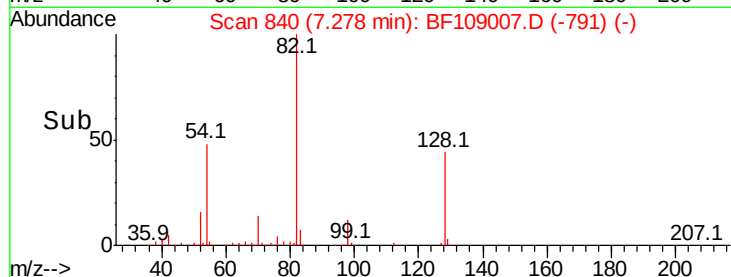
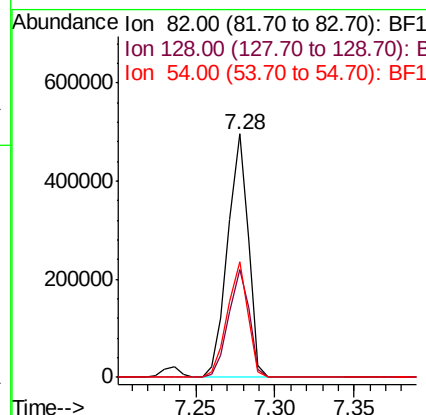
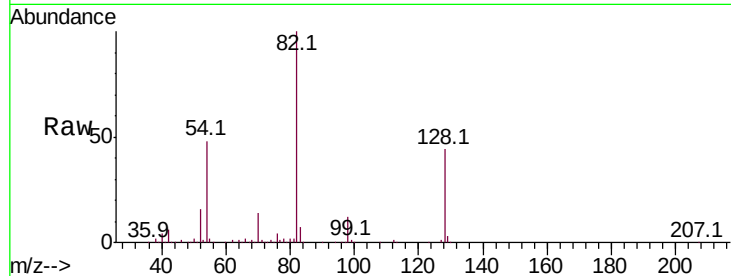
#23
 Nitrobenzene-d5
 Concen: 42.636 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	47.5	41.4	62.2

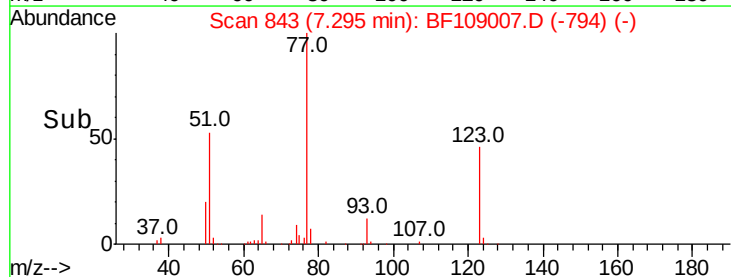
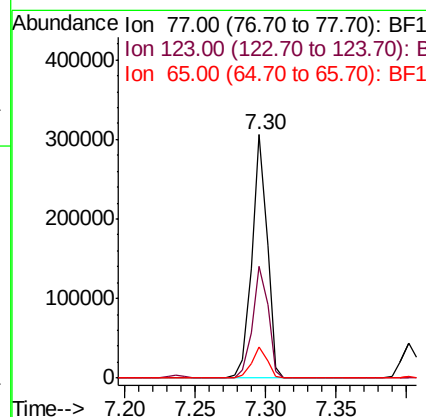
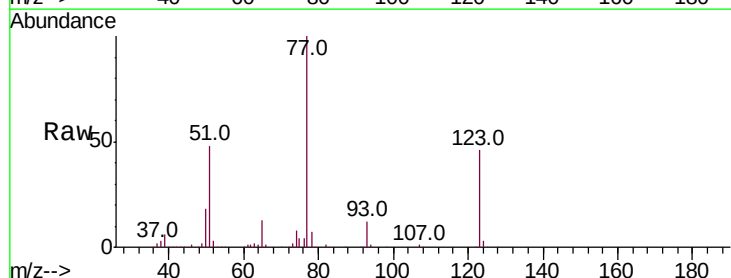
Manual Integrations
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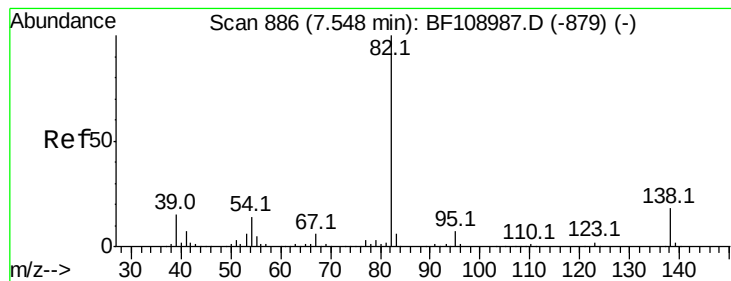
Sohil
 9/17/2018 1:59:37 PM



#24
 Nitrobenzene
 Concen: 21.370 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 23.809 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

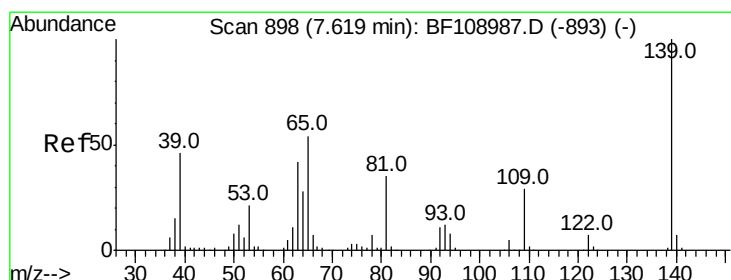
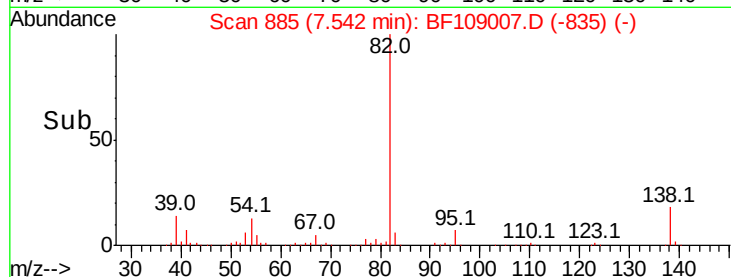
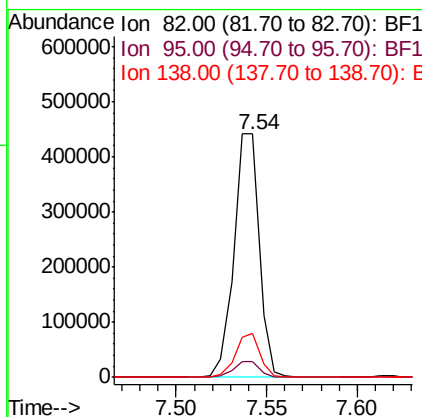
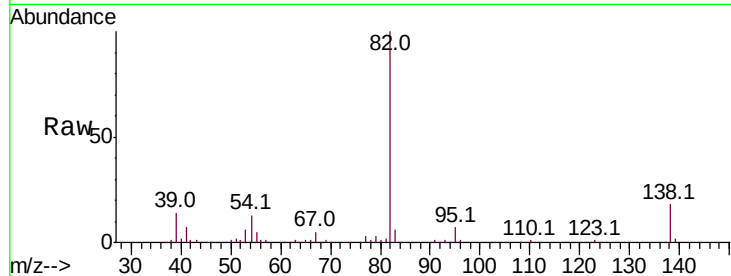
ClientSampleId :

SP-PIT-2MSD

Tot Ion:	82	Resp:	430323
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.359 ng

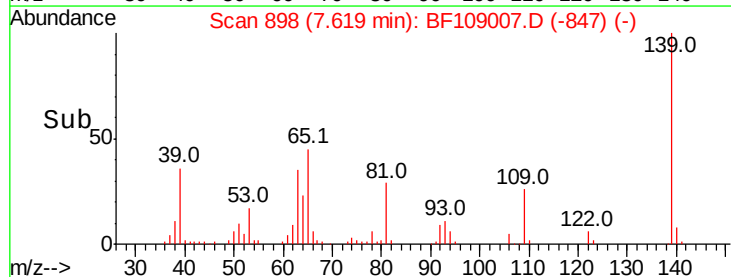
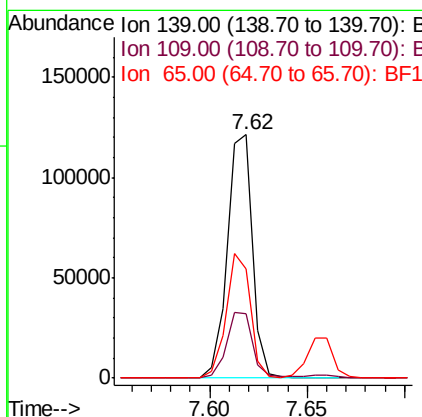
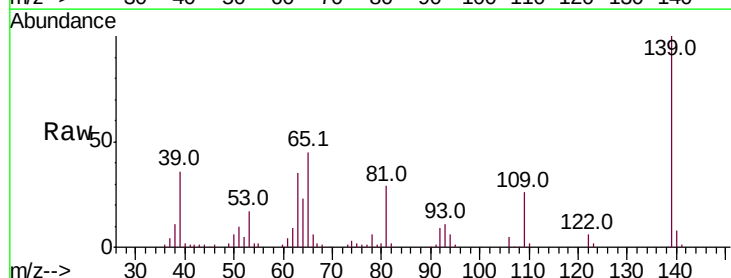
RT: 7.62 min Scan# 898

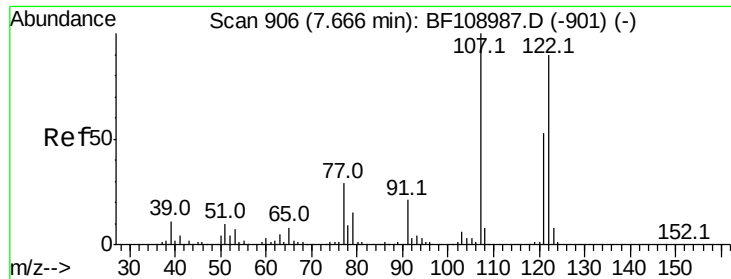
Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	139	Resp:	108120
Ion Ratio	Lower	Upper	
139	100		
109	26.3	22.7	34.1
65	44.7	40.5	60.7





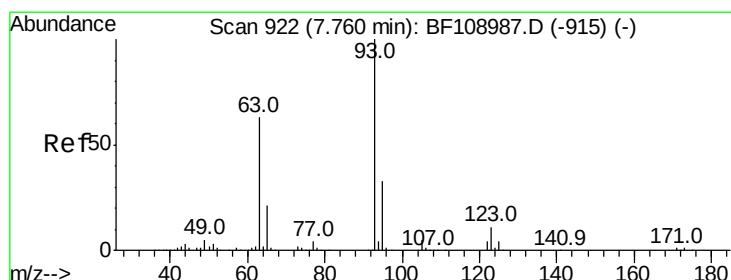
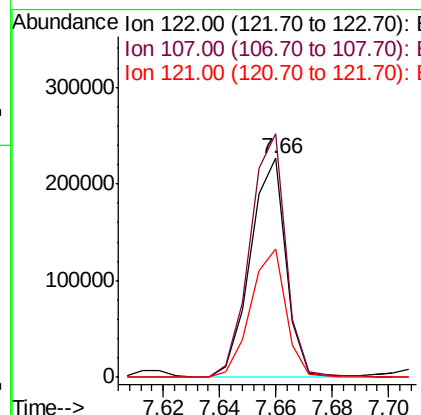
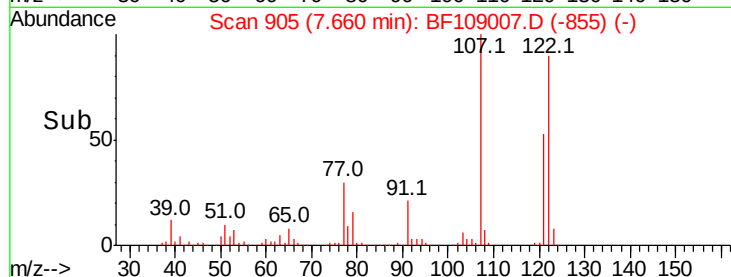
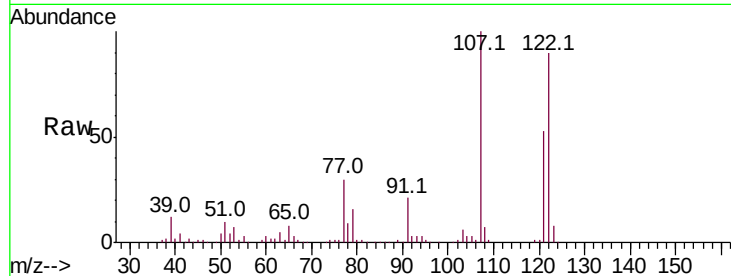
#27
2,4-Dimethylphenol
Concen: 25.032 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampled :
SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	58.5	47.2	70.8

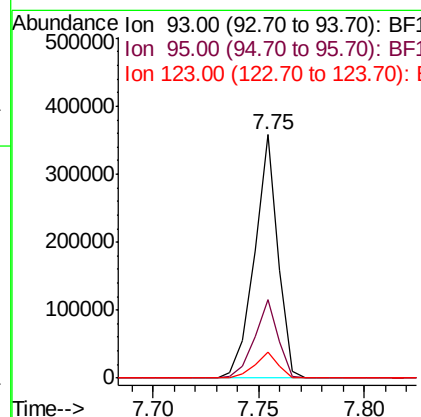
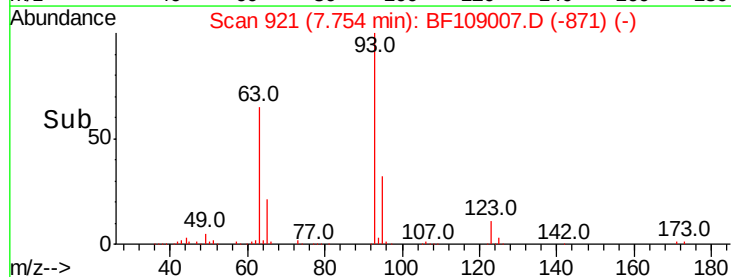
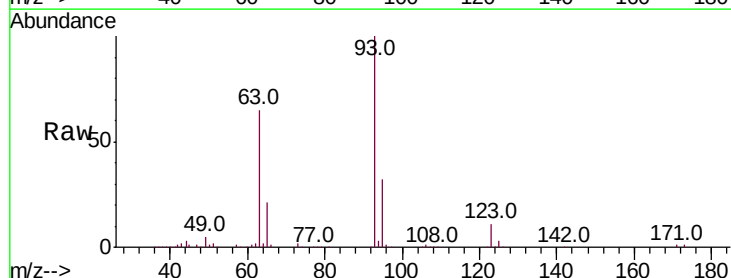
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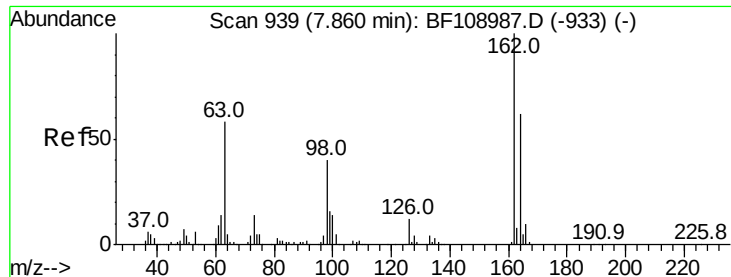
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 22.612 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	10.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 22.399 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

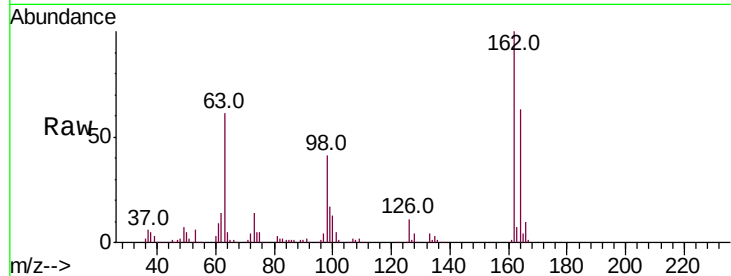
ClientSampleId :

SP-PIT-2MSD

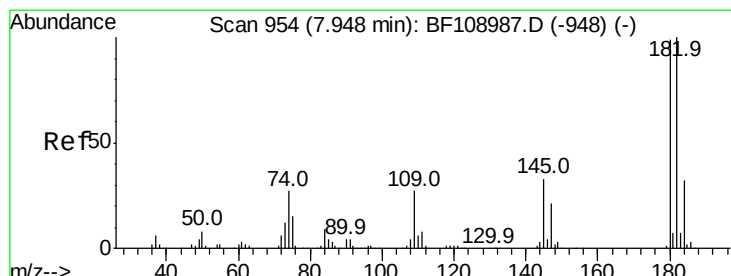
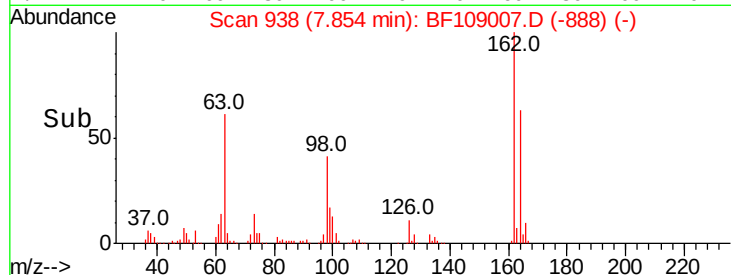
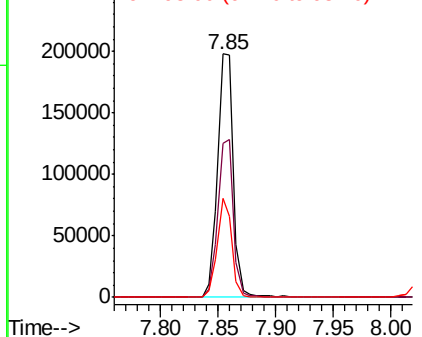
Tot Ion:	162	Resp:	189526
Ion Ratio	Lower	Upper	
162	100		
164	63.2	42.7	82.7
98	40.8	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 20.712 ng

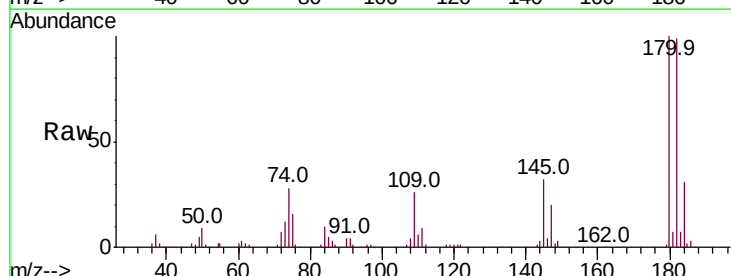
RT: 7.94 min Scan# 953

Delta R.T. -0.01 min

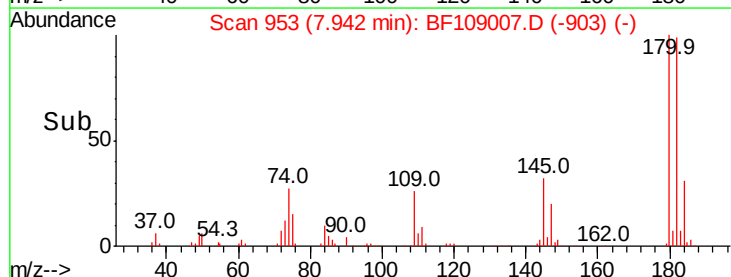
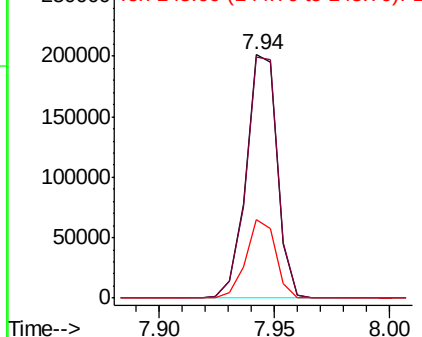
Lab File: BF109007.D

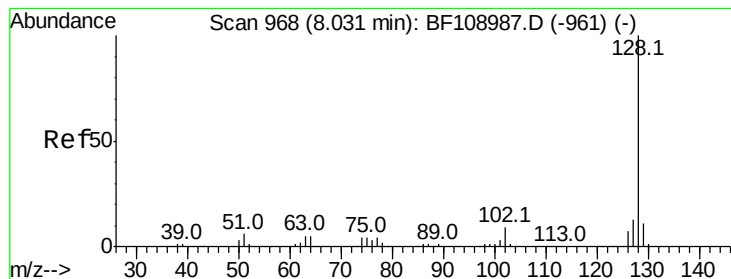
Acq: 14 Sep 2018 20:52

Tgt Ion:	180	Resp:	189448
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.8	115.2
145	32.1	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: 23.028 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

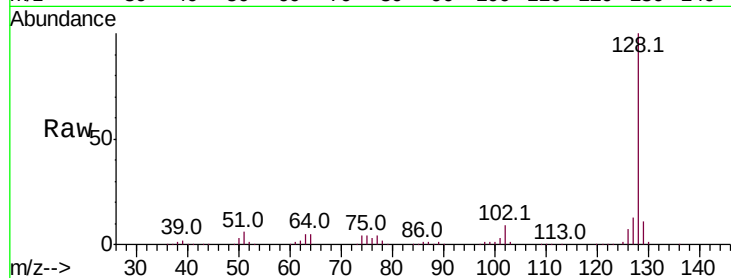
ClientSampleId :

SP-PIT-2MSD

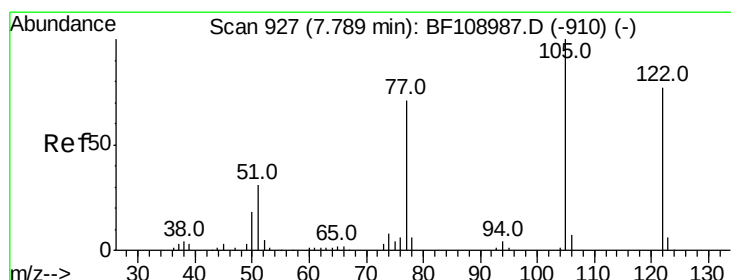
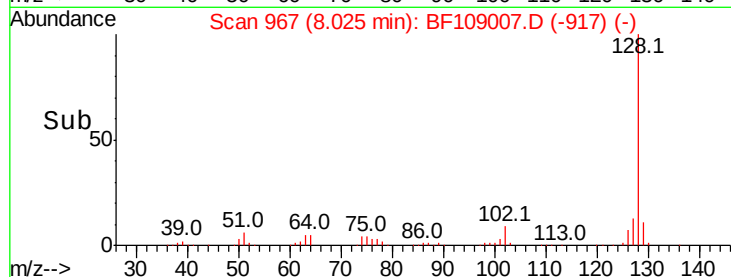
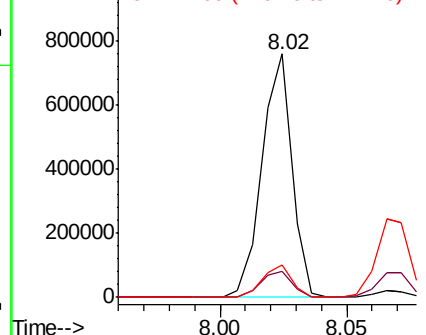
Tot Ion:	128	Resp:	630320
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.2	10.9	16.3

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



#32

Benzoic acid

Concen: 4.942 ng m

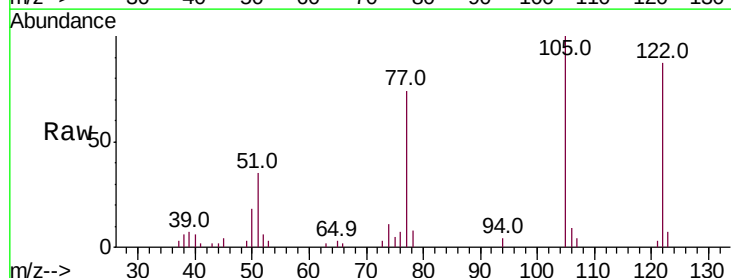
RT: 7.72 min Scan# 915

Delta R.T. -0.07 min

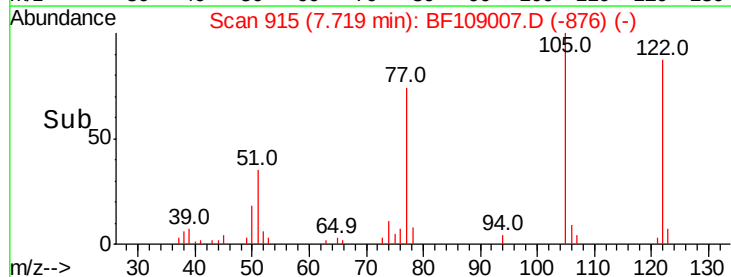
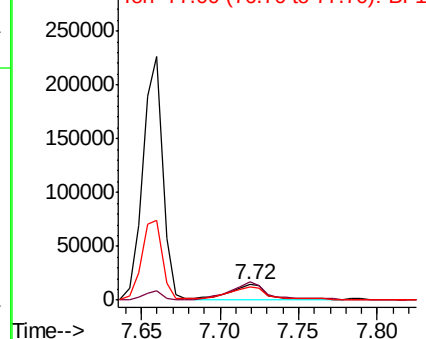
Lab File: BF109007.D

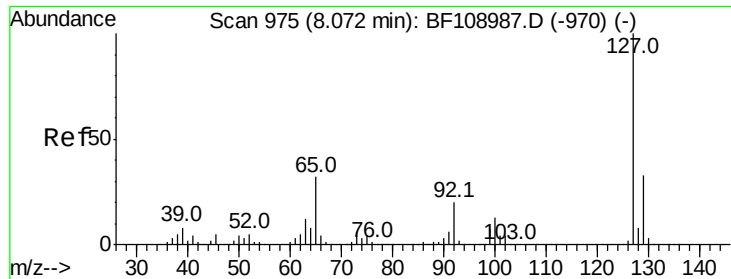
Acq: 14 Sep 2018 20:52

Tgt Ion:	122	Resp:	25641
Ion Ratio	Lower	Upper	
122	100		
105	115.4	101.1	141.1
77	85.7	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





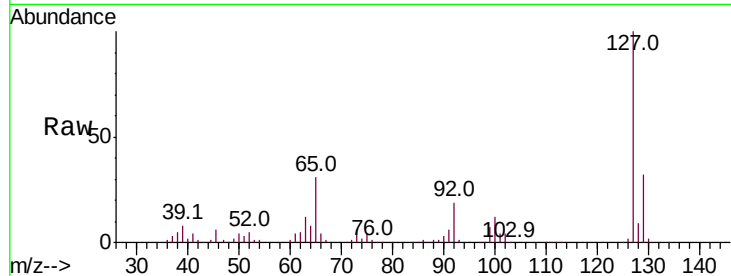
#33
4-Chloroaniline
Concen: 18.705 ng
RT: 8.07 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

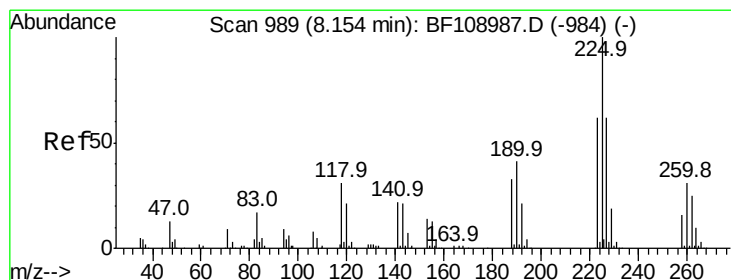
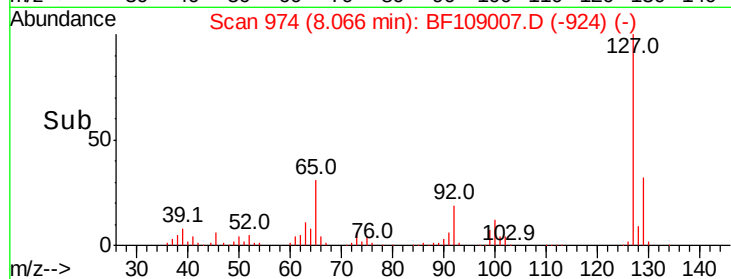
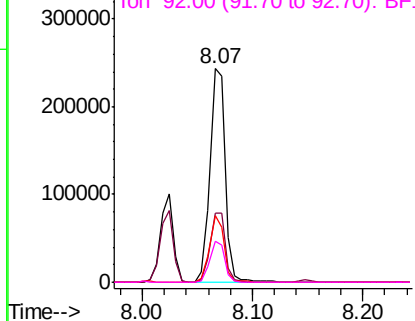
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	31.1	25.0	37.4
92	19.2	15.2	22.8

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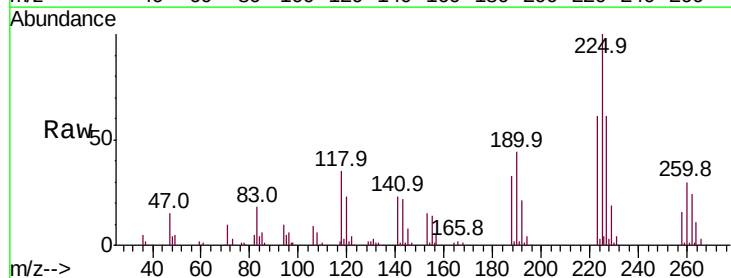


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

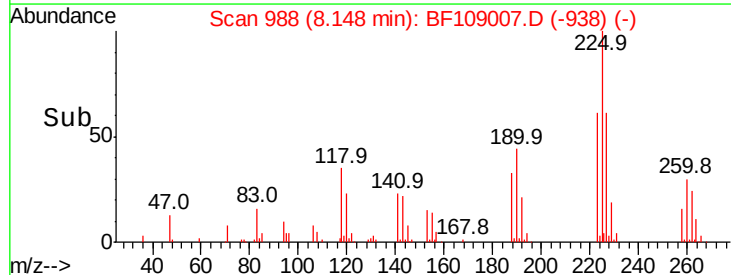
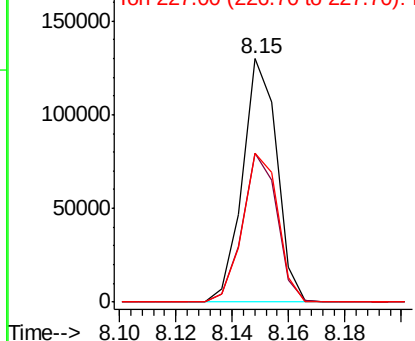


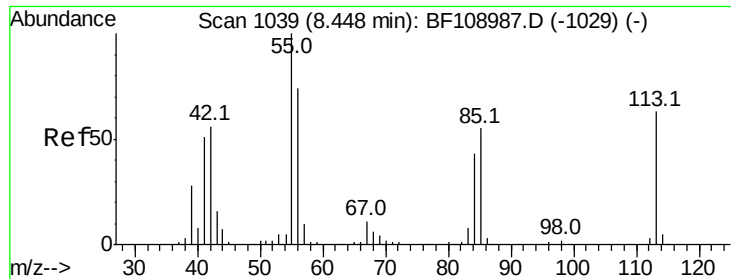
#34
Hexachlorobutadiene
Concen: 19.598 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	61.3	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





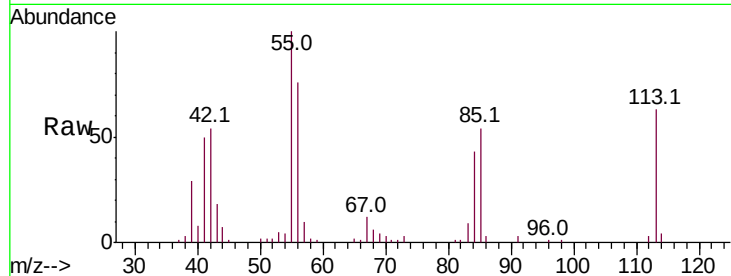
#35
 Caprolactam
 Concen: 23.316 ng/ml
 RT: 8.41 min Scan# 1033
 Delta R.T. -0.04 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.9	163.3	203.3#
56	120.8	115.7	155.7

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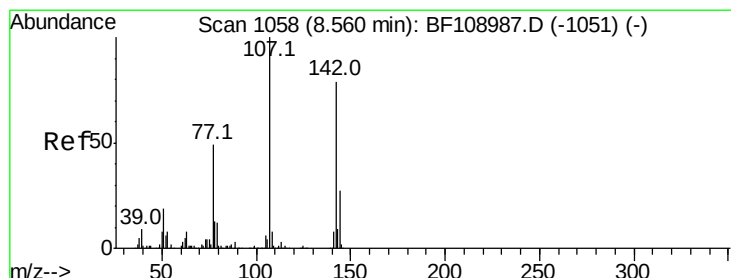
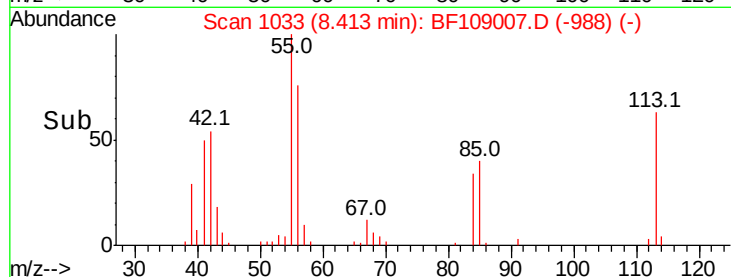
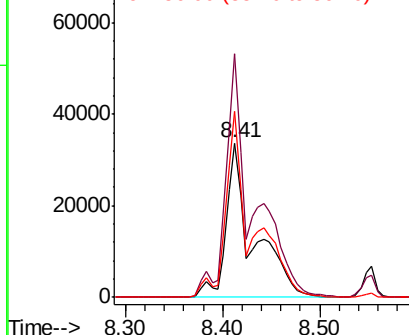


Abundance

Ion 113.00 (112.70 to 113.70): E

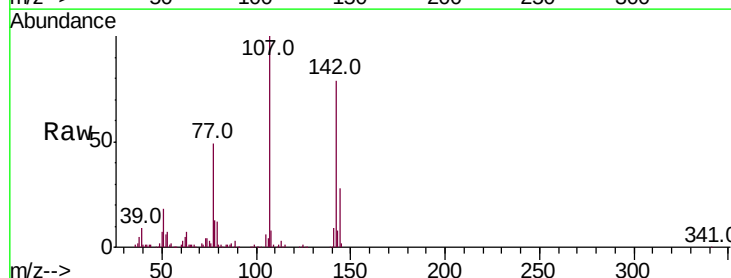
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 22.778 ng/ml
 RT: 8.55 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	20.5	30.7
142	79.3	62.0	93.0

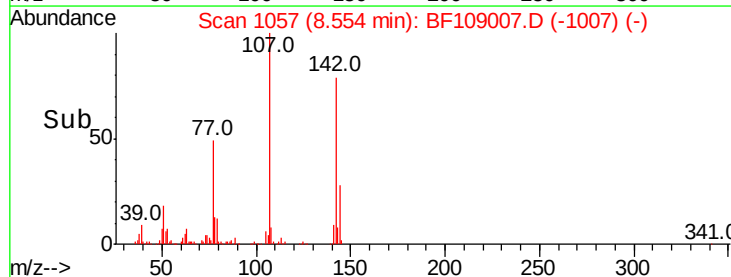
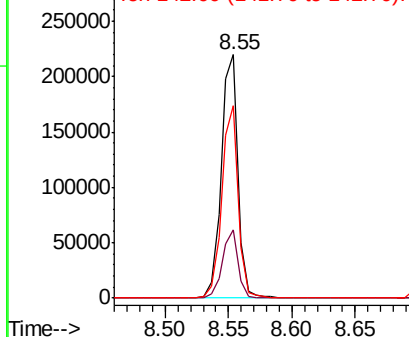


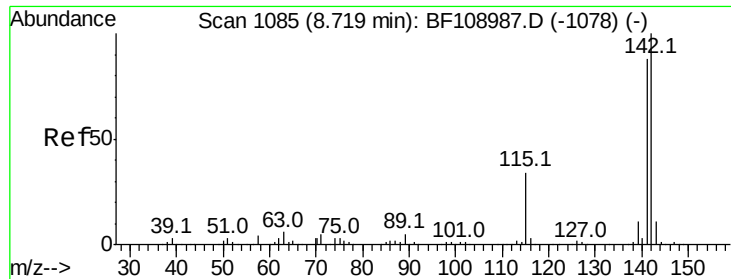
Abundance

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





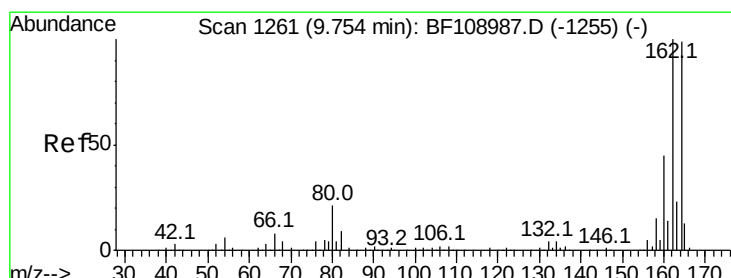
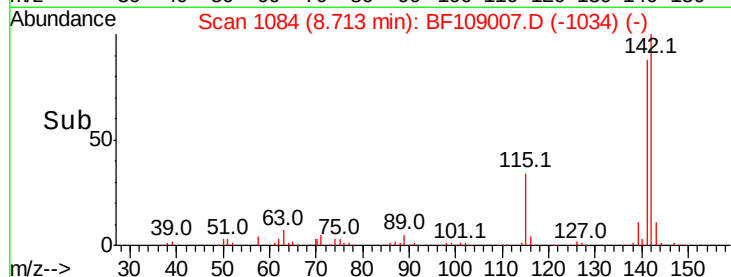
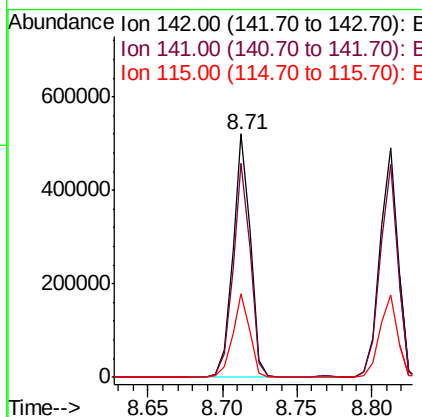
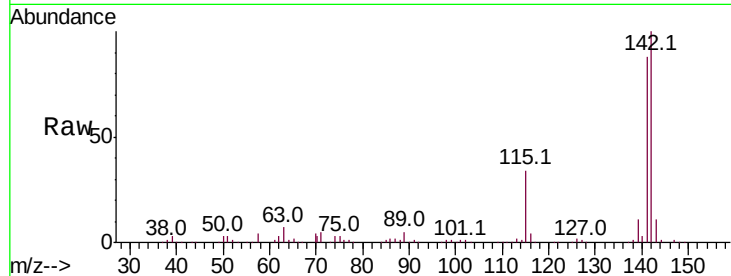
#37
2-Methylnaphthalene
Concen: 24.123 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	34.3	26.1	39.1

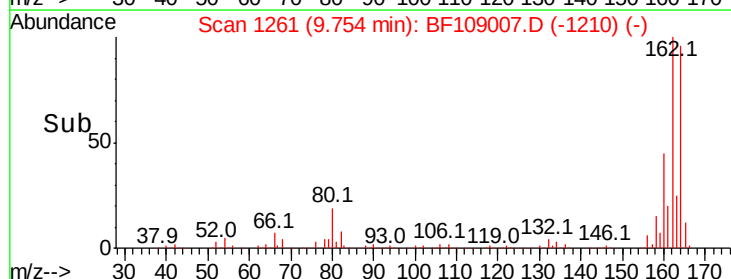
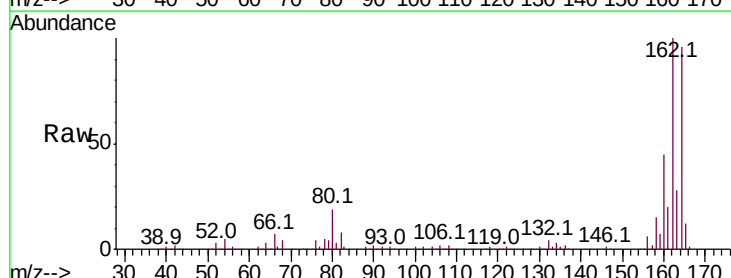
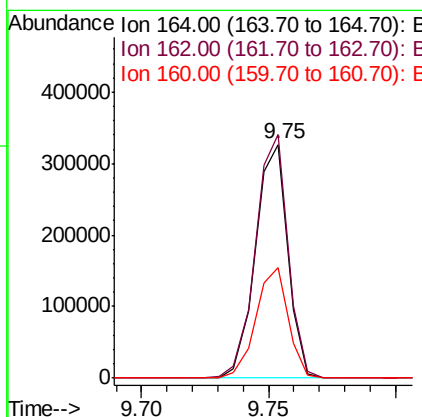
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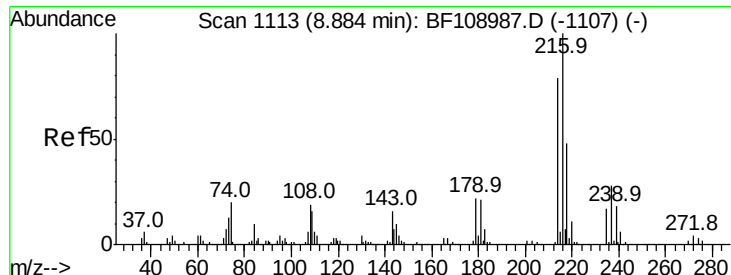
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.0	38.3	57.5





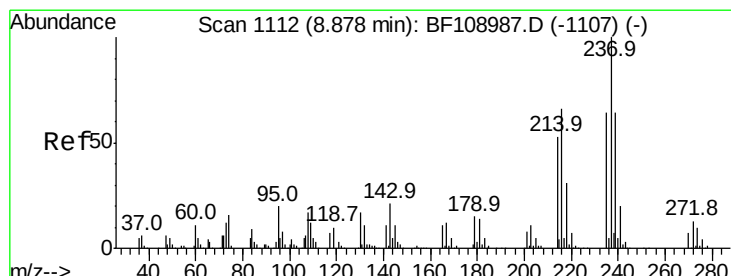
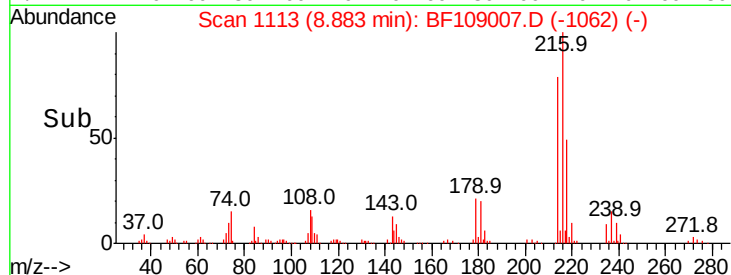
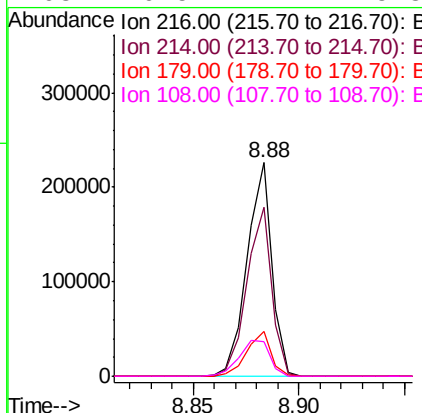
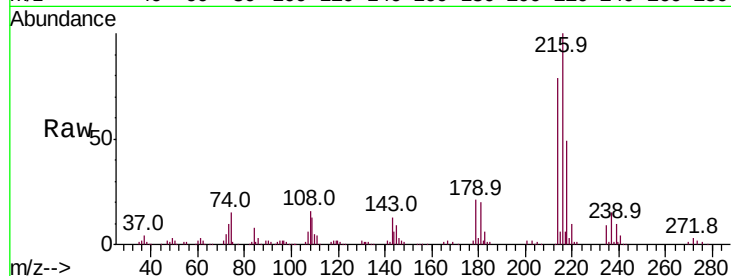
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.169 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	184750		
214	79.5	63.0	94.4	
179	20.4	18.1	27.1	
108	20.5	17.2	25.8	

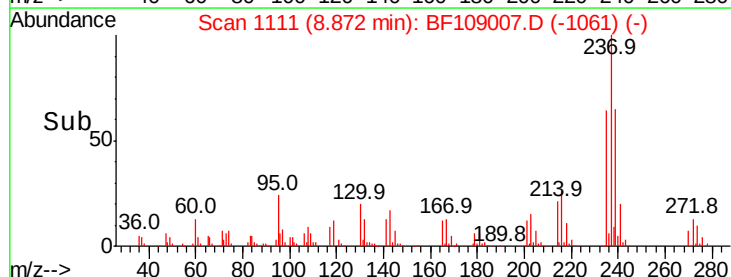
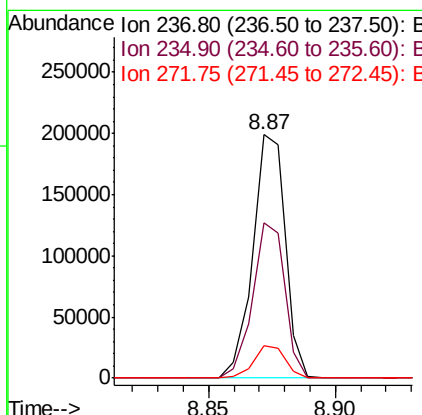
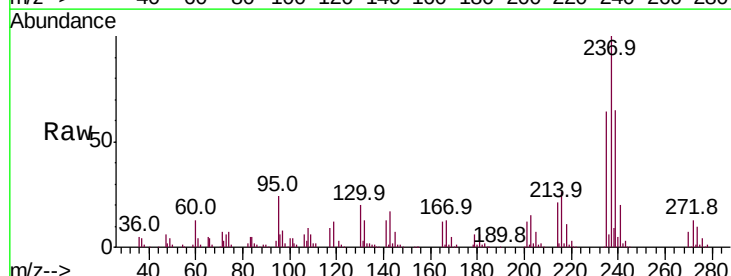
Manual Integrations
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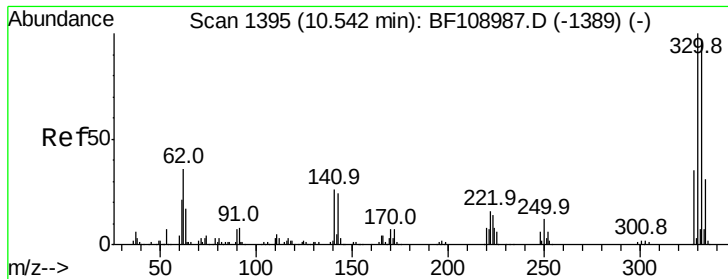
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#40
 Hexachlorocyclopentadiene
 Concen: 38.678 ng
 RT: 8.87 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	178509		
235	63.7	44.8	84.8	
272	13.1	0.0	33.3	





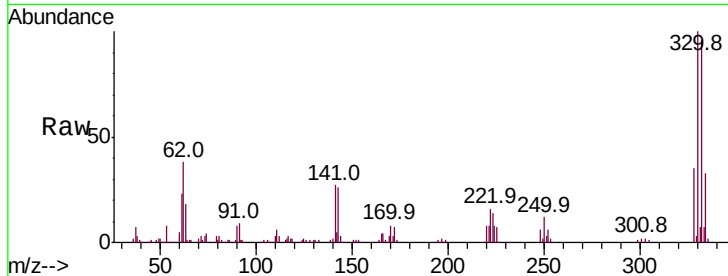
#41
 2,4,6-Tribromophenol
 Concen: 64.944 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

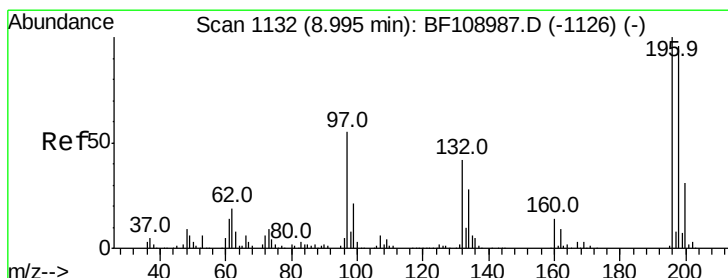
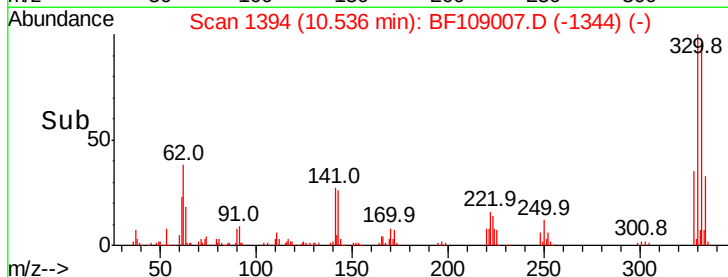
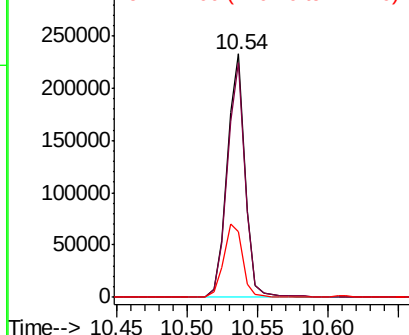
Tot Ion:	330	Resp:	205131
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	32.2	29.9	44.9

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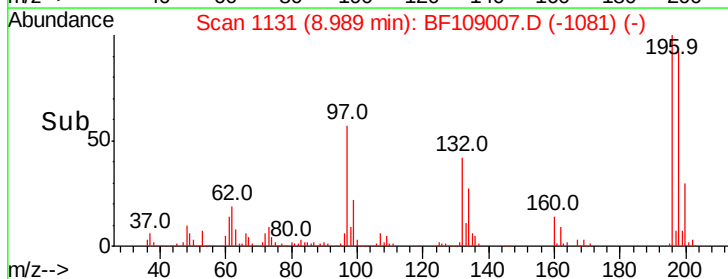
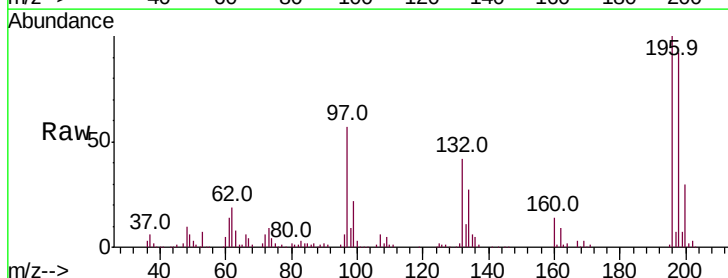
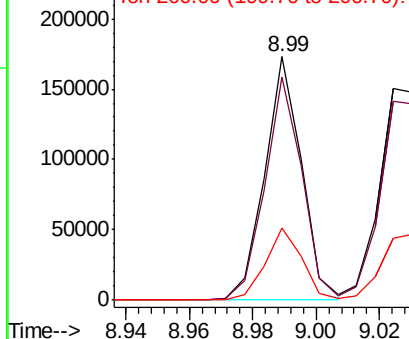
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

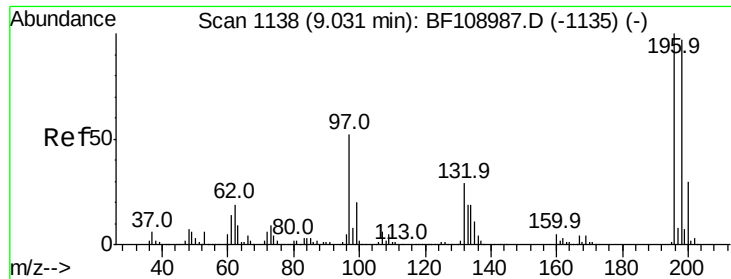


#42
 2,4,6-Trichlorophenol
 Concen: 22.748 ng
 RT: 8.99 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:	196	Resp:	140059
Ion Ratio	Lower	Upper	
196	100		
198	91.7	75.7	113.5
200	29.5	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





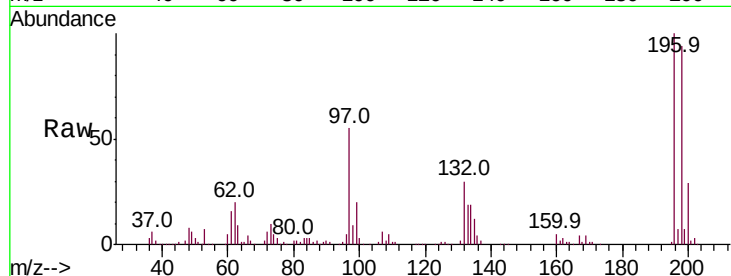
#43
2,4,5-Trichlorophenol
Concen: 23.201 ng
RT: 9.02 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149279		
198	94.0		74.6	112.0
97	54.7		42.9	64.3
132	29.7		26.3	39.5

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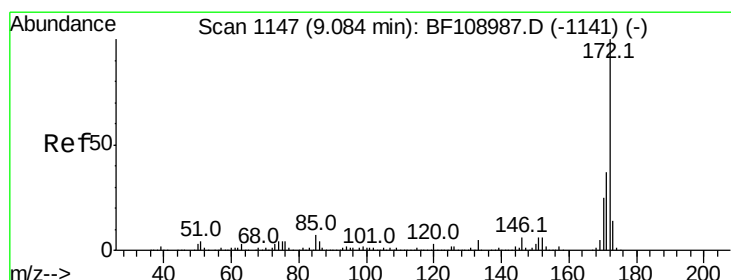
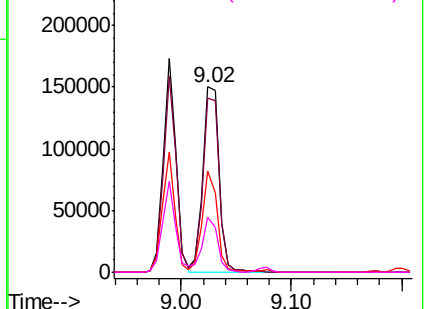
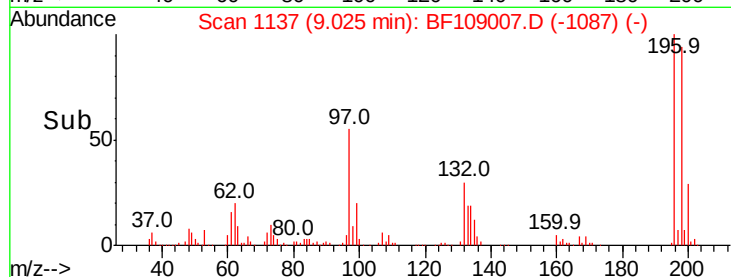
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

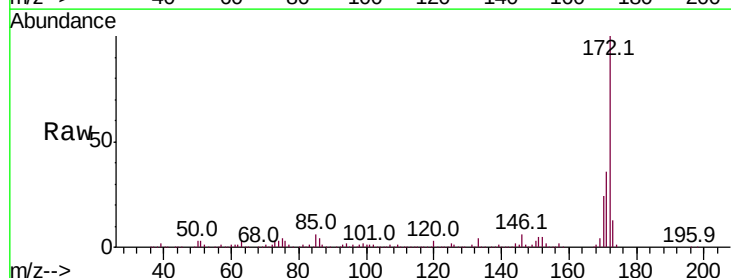
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 43.475 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	807596		
171	35.9		29.7	44.5
170	23.9		19.6	29.4

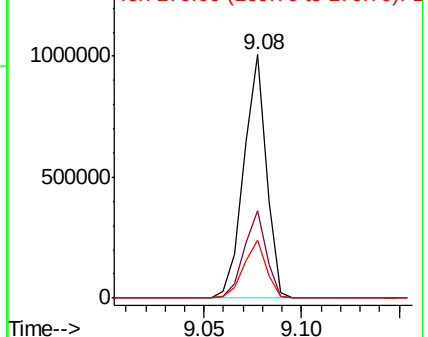
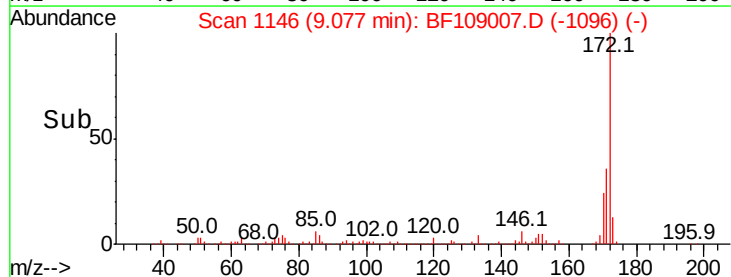


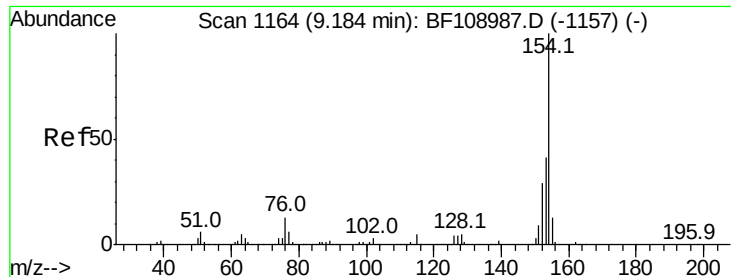
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 21.693 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

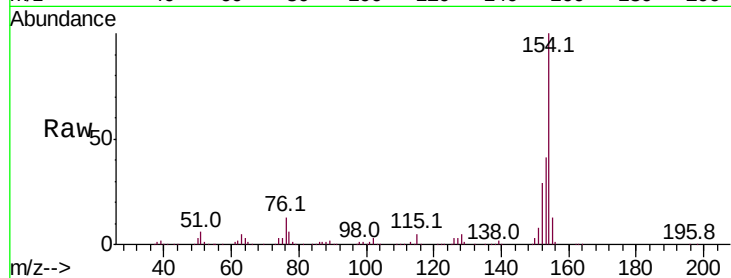
ClientSampleId :

SP-PIT-2MSD

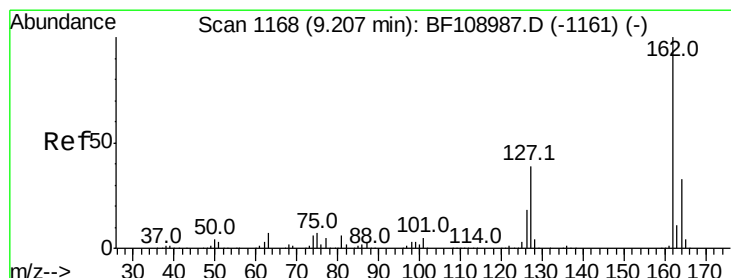
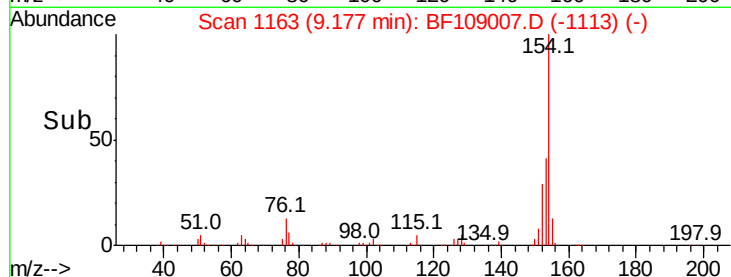
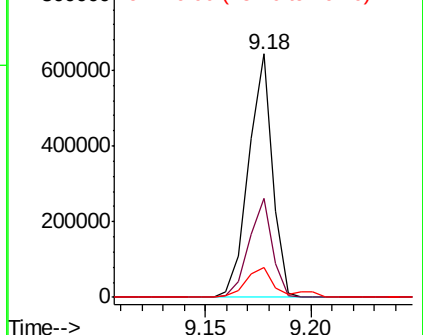
Tot Ion:	154	Resp:	505117
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	12.5	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 21.222 ng

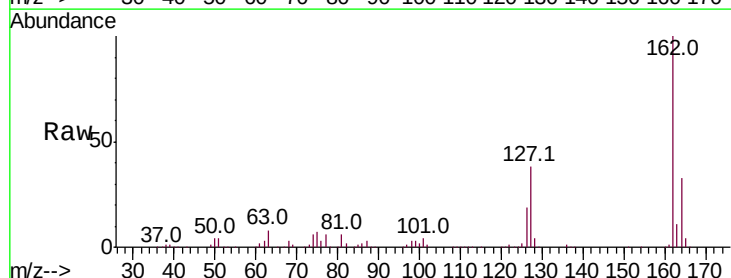
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

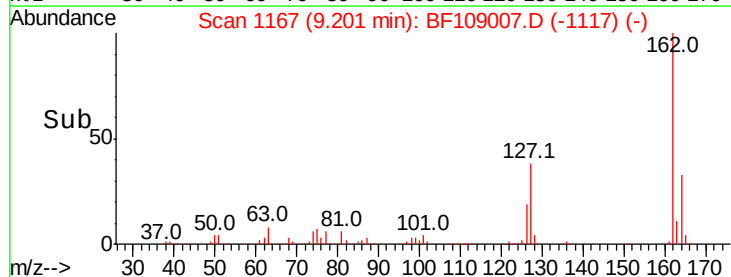
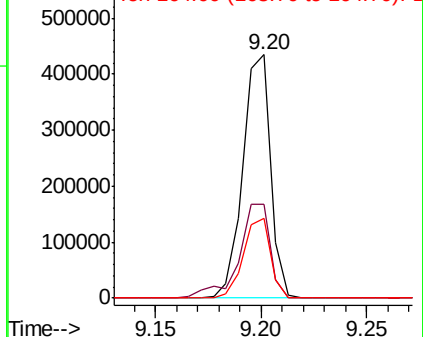
Lab File: BF109007.D

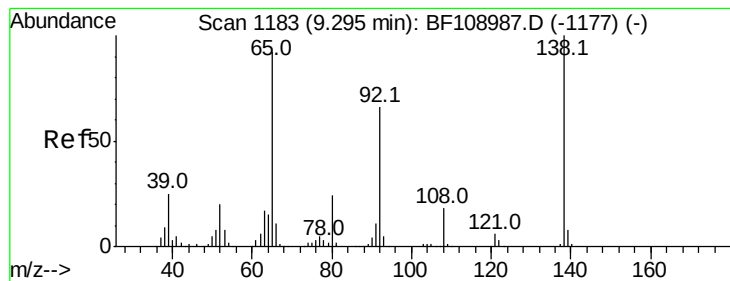
Acq: 14 Sep 2018 20:52

Tgt Ion:	162	Resp:	395733
Ion Ratio	Lower	Upper	
162	100		
127	38.4	33.9	50.9
164	33.0	26.5	39.7



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





#47

2-Nitroaniline

Concen: 22.508 ng

RT: 9.29 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

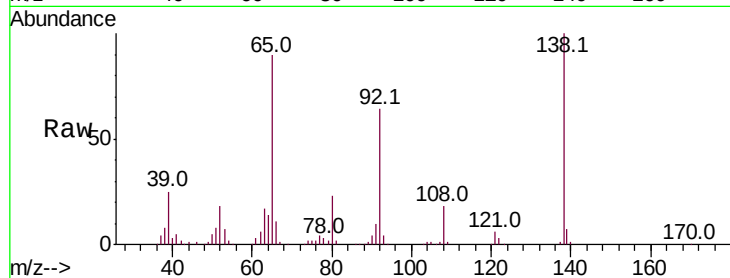
ClientSampleId :

SP-PIT-2MSD

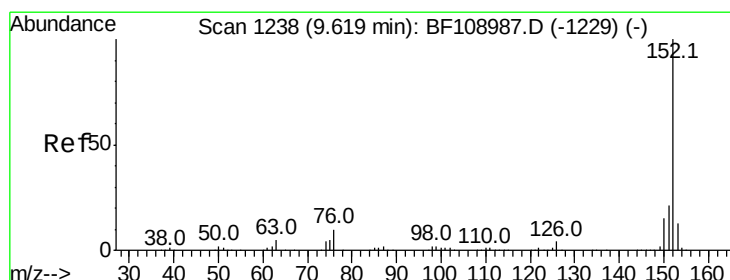
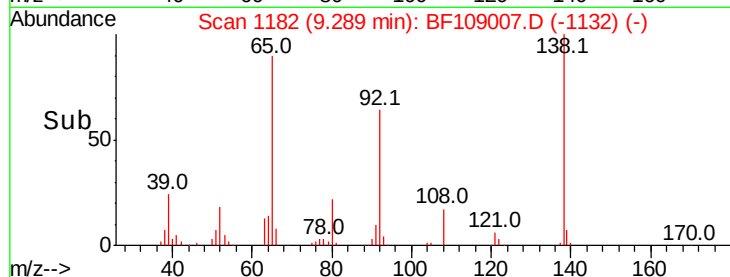
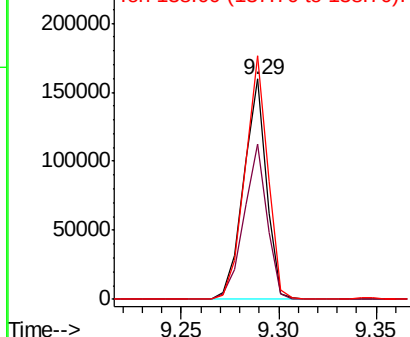
Tot Ion:	65	Resp:	129032
Ion Ratio	Lower	Upper	
65	100		
92	70.5	55.8	83.6
138	110.5	91.2	136.8

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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 23.196 ng

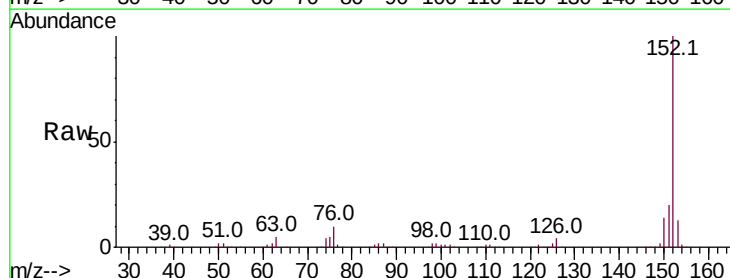
RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

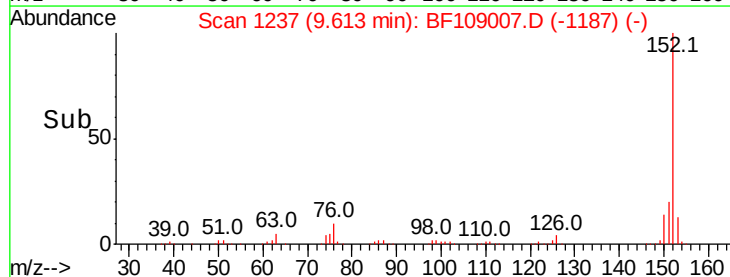
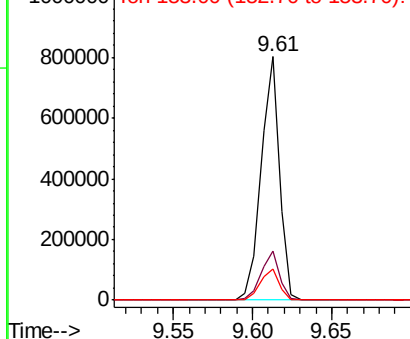
Lab File: BF109007.D

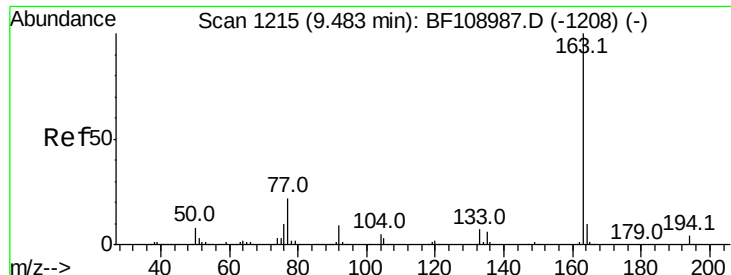
Acq: 14 Sep 2018 20:52

Tgt Ion:	152	Resp:	652151
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	12.7	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





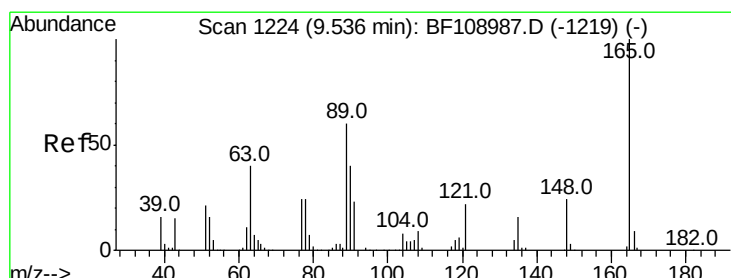
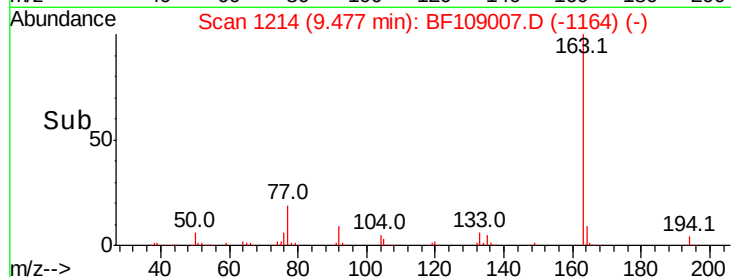
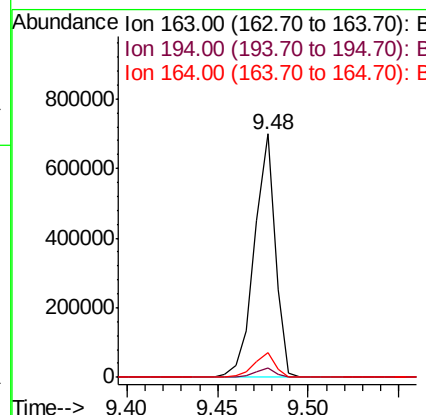
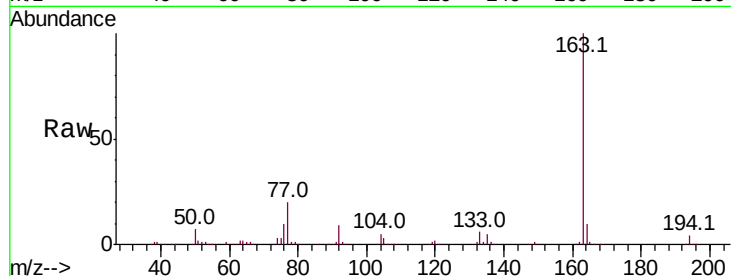
#49
Dimethylphthalate
Concen: 27.001 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.2	8.2	12.2	

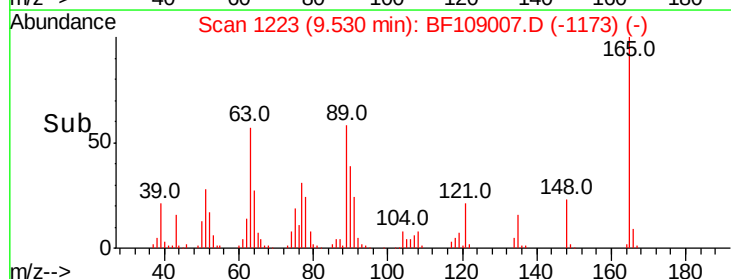
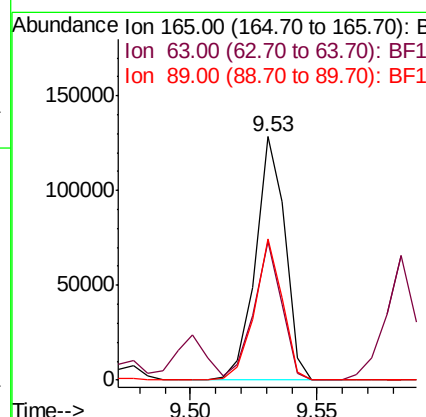
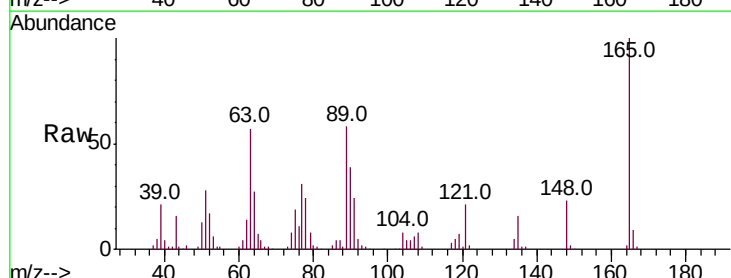
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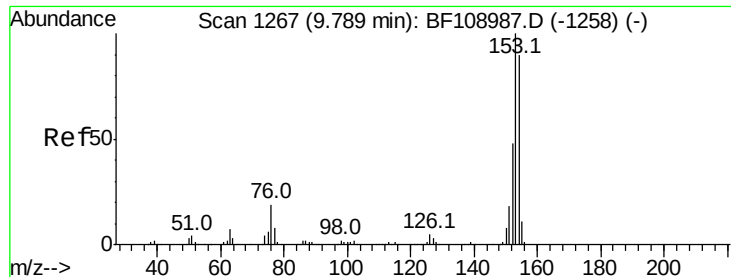
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#50
2,6-Dinitrotoluene
Concen: 22.616 ng
RT: 9.53 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	44.7	67.1	
89	57.9	44.0	66.0	





#51

Acenaphthene

Concen: 22.124 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

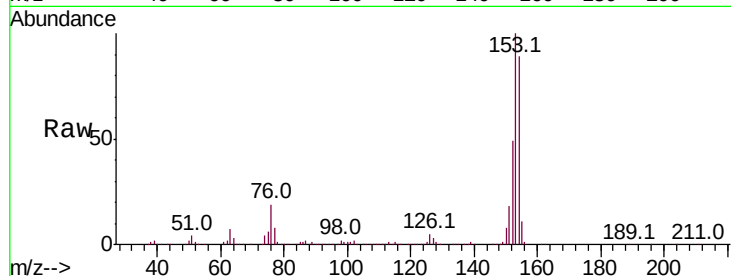
ClientSampleId :

SP-PIT-2MSD

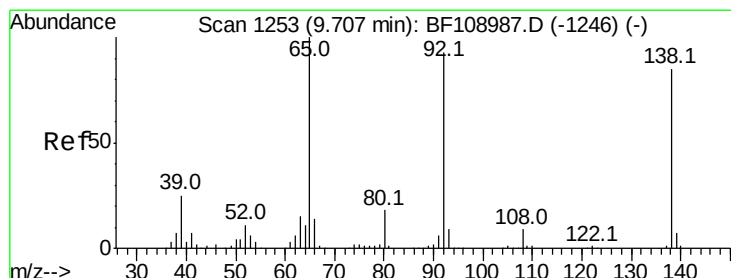
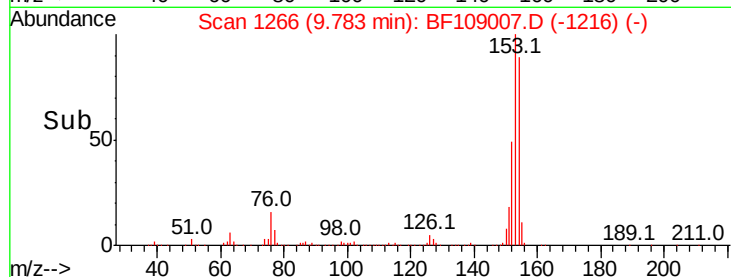
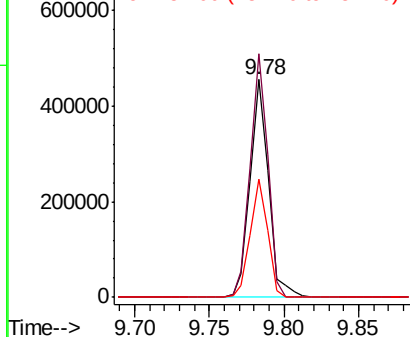
Tot Ion:	154	Resp:	387332
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.2	136.8
152	54.4	43.8	65.8

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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: 20.301 ng

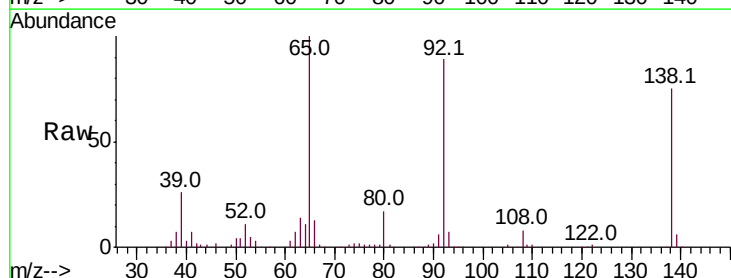
RT: 9.70 min Scan# 1251

Delta R.T. -0.01 min

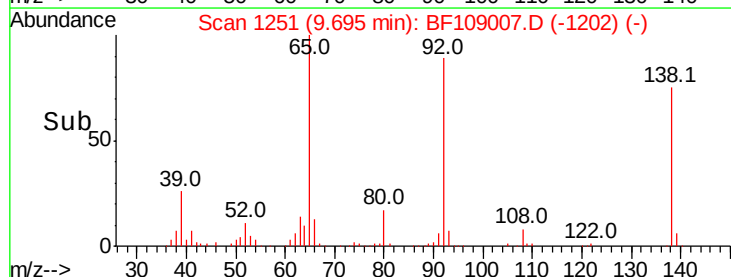
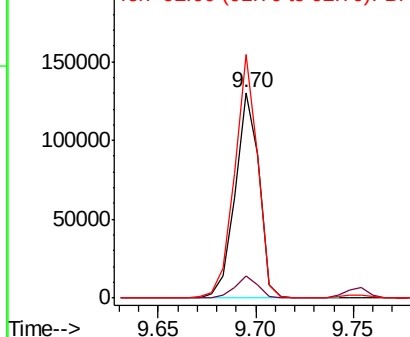
Lab File: BF109007.D

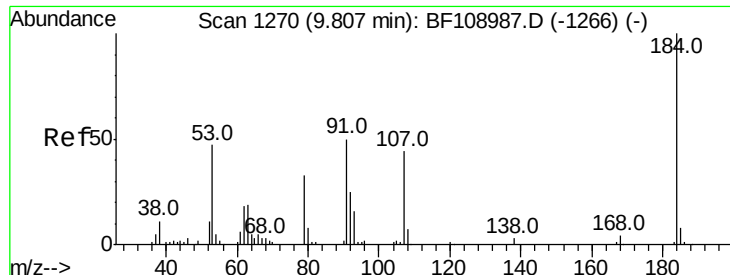
Acq: 14 Sep 2018 20:52

Tgt Ion:	138	Resp:	110277
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	118.6	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





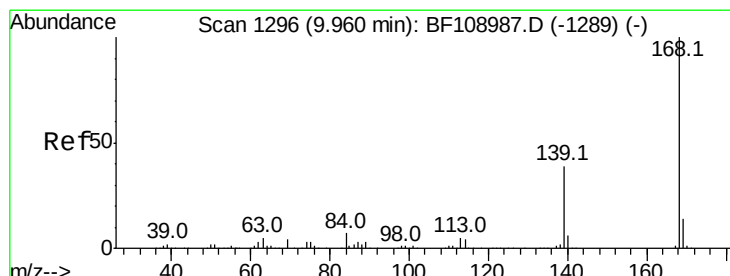
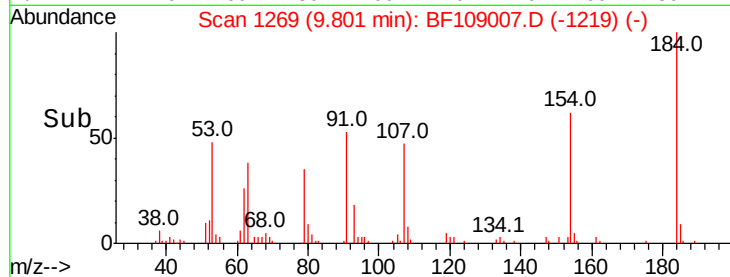
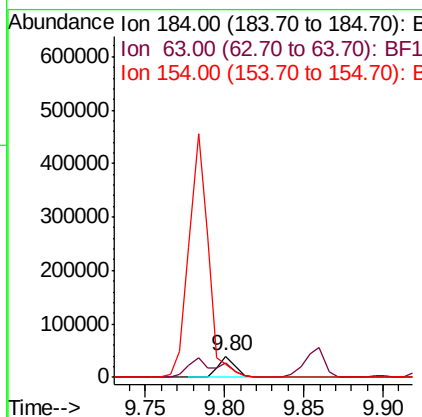
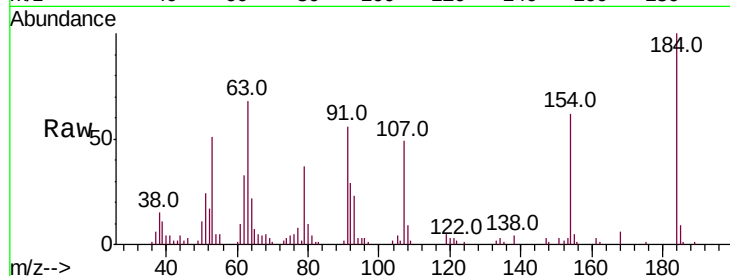
#53
 2,4-Dinitrophenol
 Concen: 17.216 ng
 RT: 9.80 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion:	184	Resp:	30608
Ion Ratio	Lower	Upper	
184	100		
63	67.6	54.2	81.2
154	61.5	184.0	276.0#

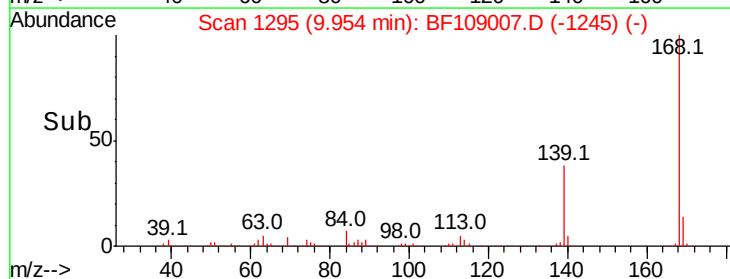
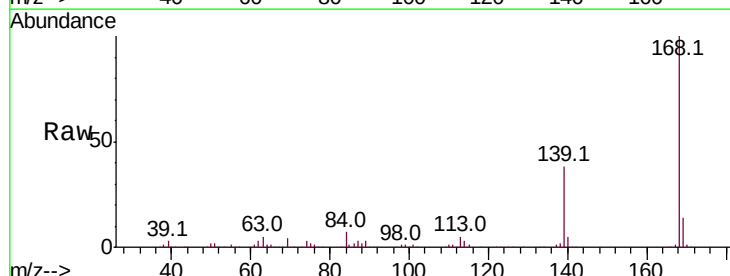
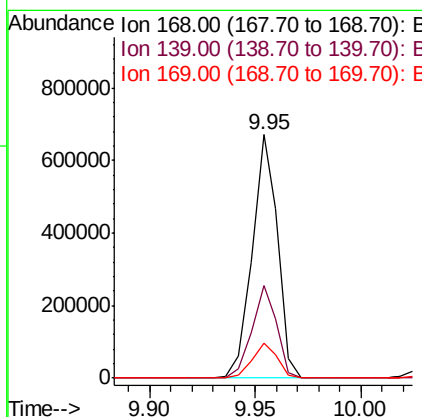
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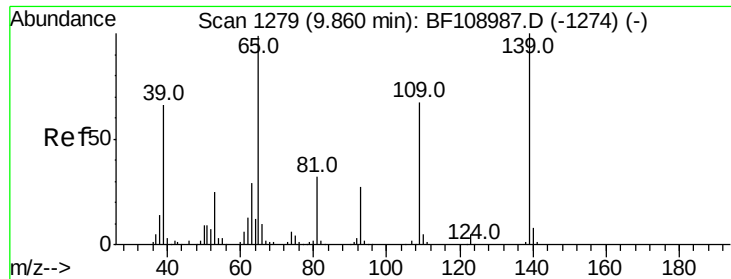
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#54
 Dibenzofuran
 Concen: 22.100 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:	168	Resp:	559099
Ion Ratio	Lower	Upper	
168	100		
139	38.2	30.1	45.1
169	14.2	10.9	16.3





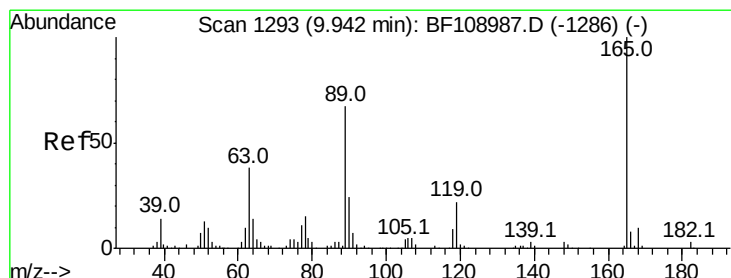
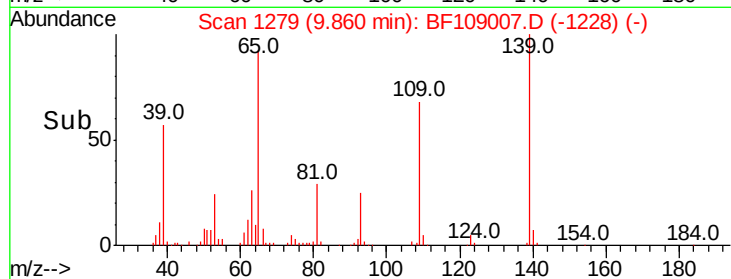
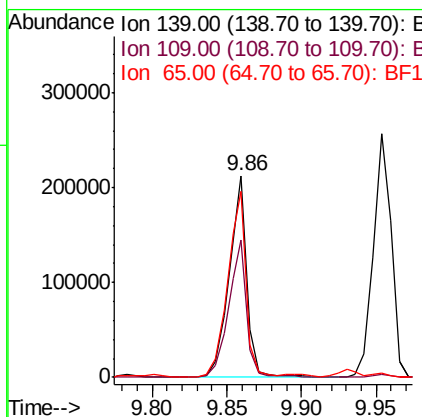
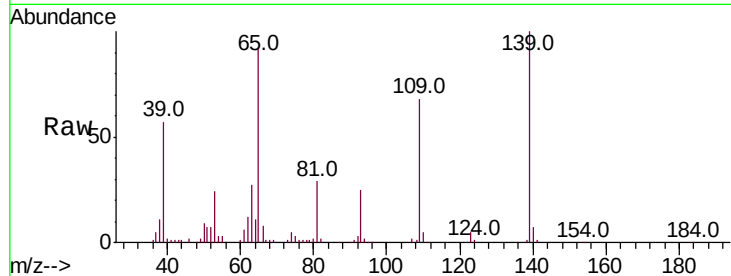
#55
4-Nitrophenol
Concen: 45.111 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.9	48.4	88.4
65	92.0	72.6	112.6

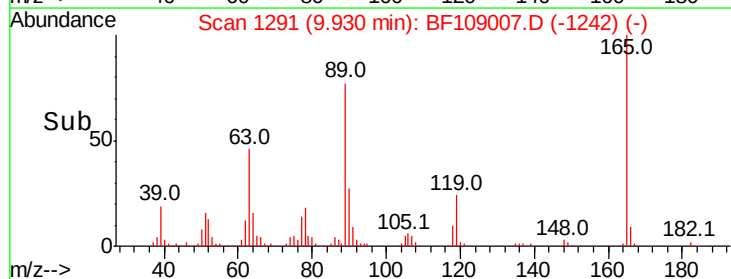
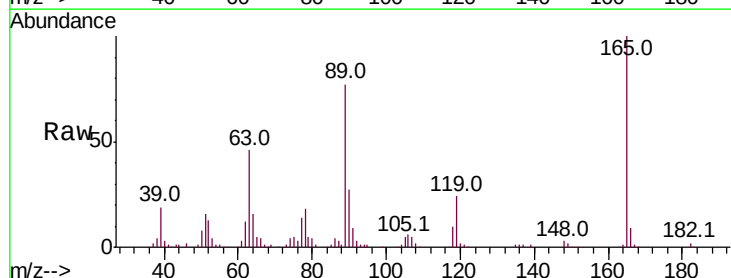
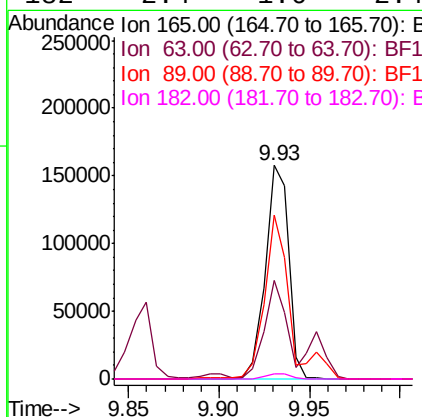
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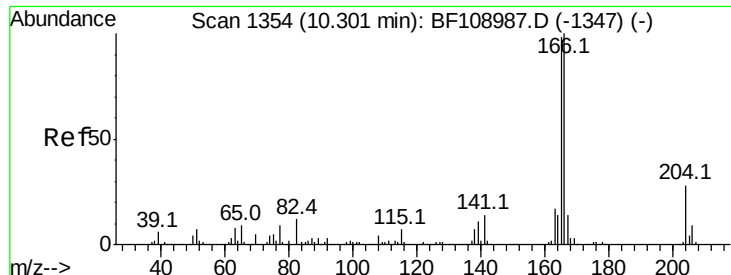
Sohil
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#56
2,4-Dinitrotoluene
Concen: 23.315 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	76.6	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 25.038 ng

RT: 10.30 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

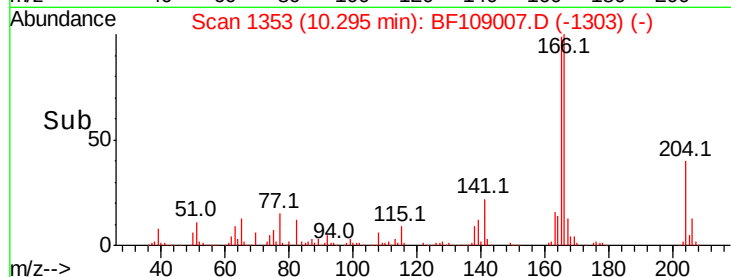
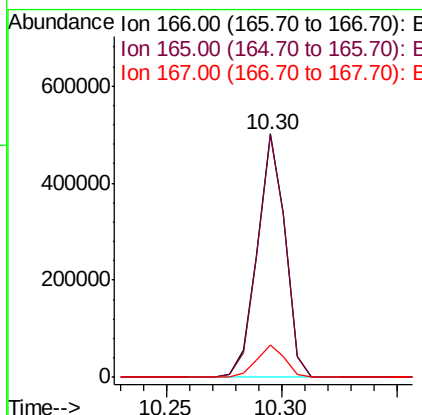
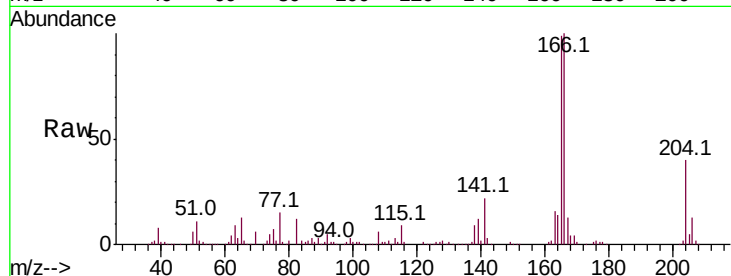
ClientSampleId :

SP-PIT-2MSD

Tot Ion:	166	Resp:	422121
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 23.331 ng

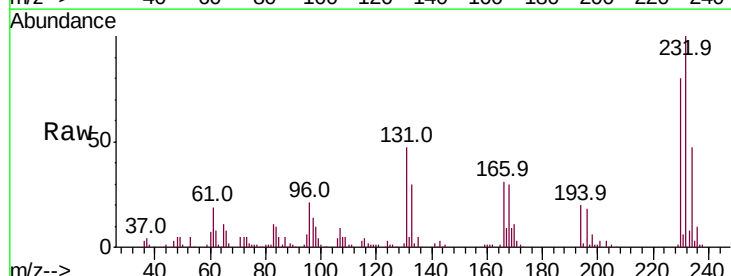
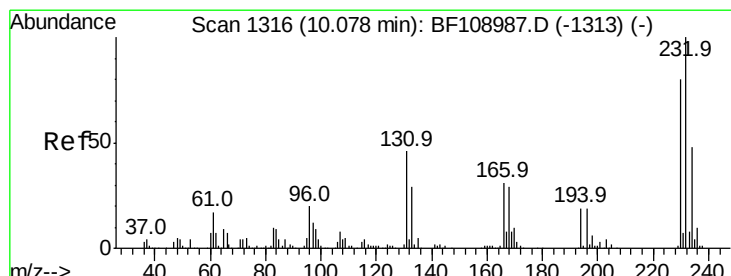
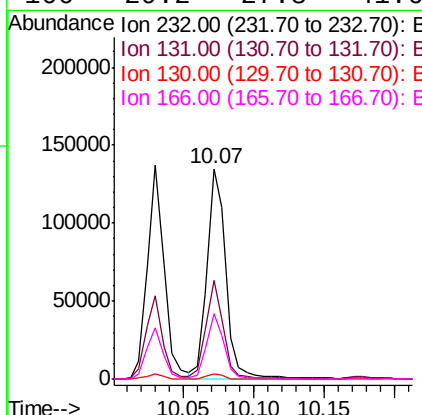
RT: 10.07 min Scan# 1315

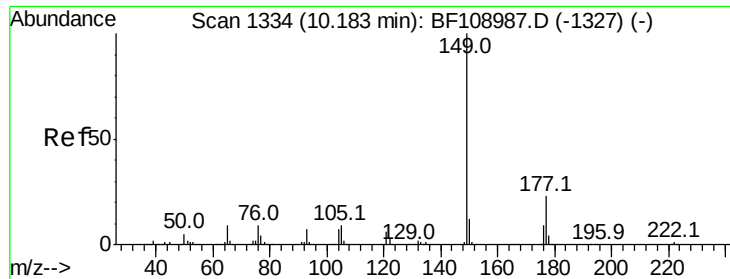
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	232	Resp:	124296
Ion Ratio	Lower	Upper	
232	100		
131	44.3	43.8	65.8
130	2.1	2.1	3.1
166	29.2	27.8	41.6





#59

Diethylphthalate

Concen: 22.547 ng

RT: 10.18 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

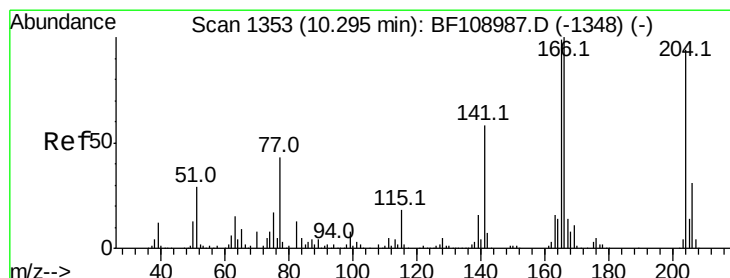
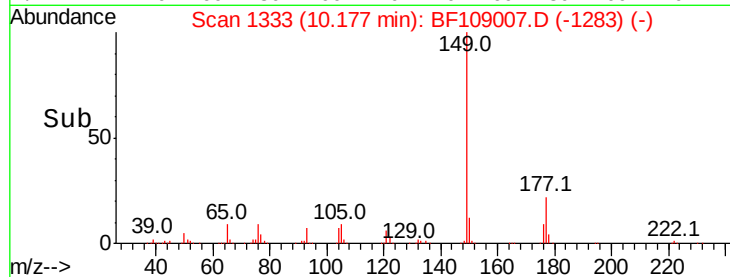
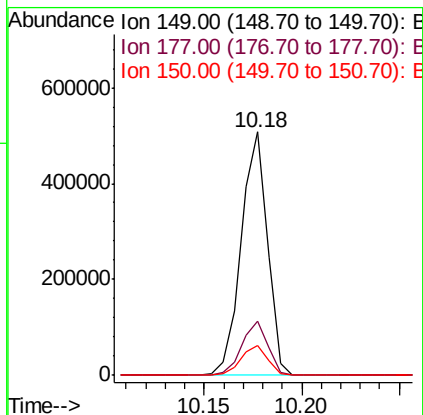
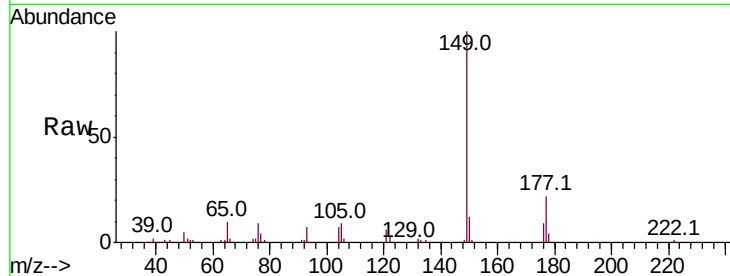
ClientSampled :

SP-PIT-2MSD

Tot Ion:	149	Resp:	473631
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.1	24.1
150	12.2	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 21.885 ng

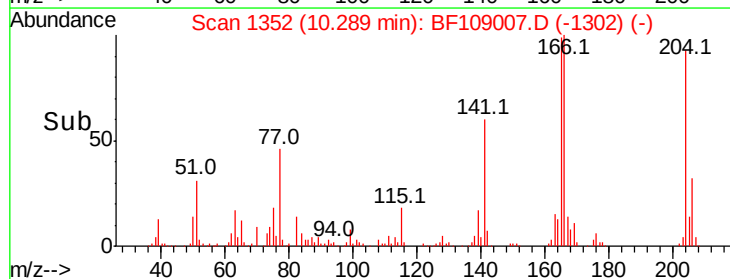
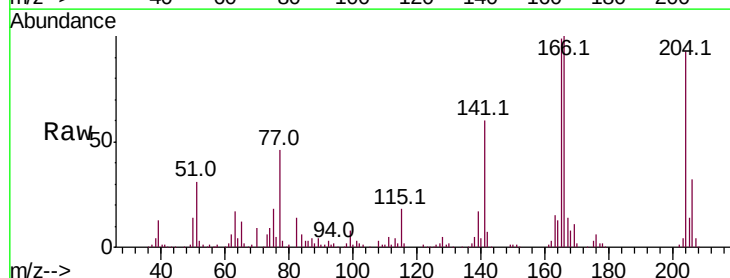
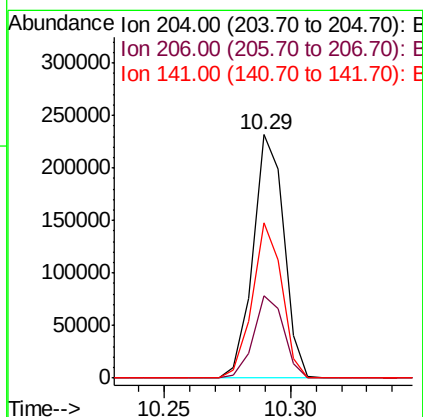
RT: 10.29 min Scan# 1352

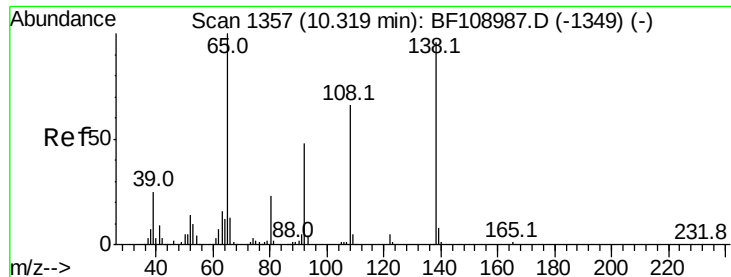
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	204	Resp:	197570
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.5	39.7
141	64.0	54.6	81.8





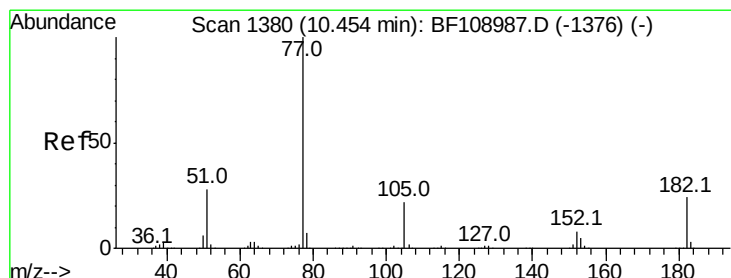
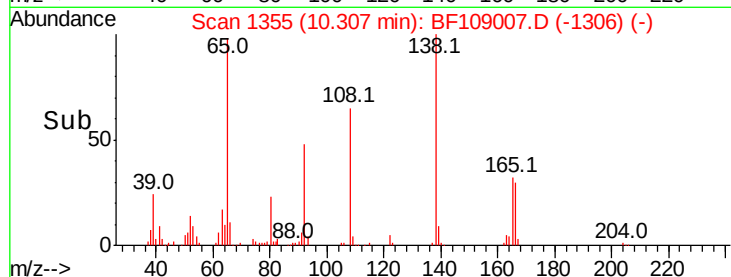
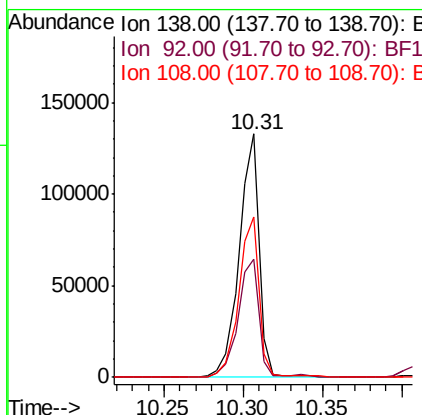
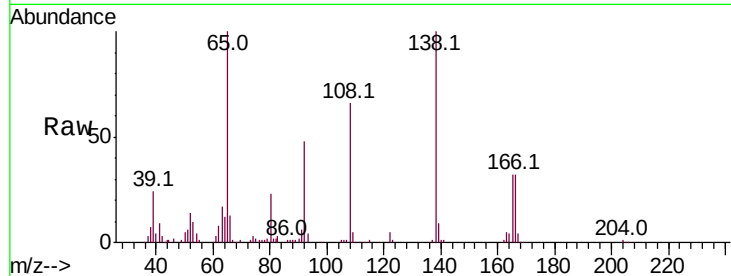
#61
4-Nitroaniline
Concen: 22.467 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	66.0	52.5	92.5

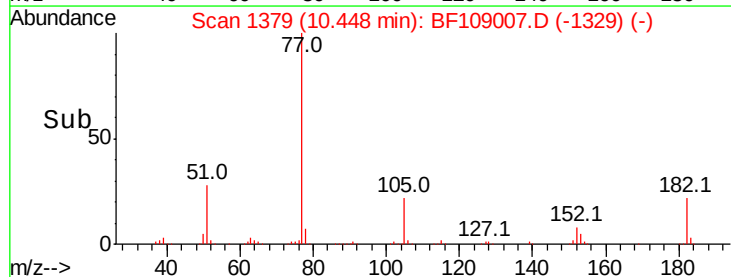
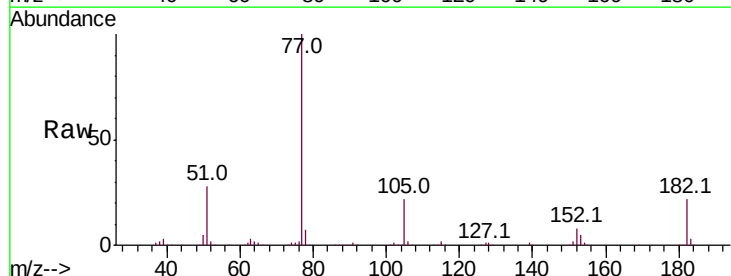
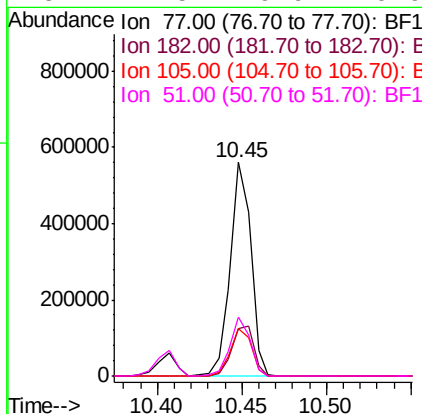
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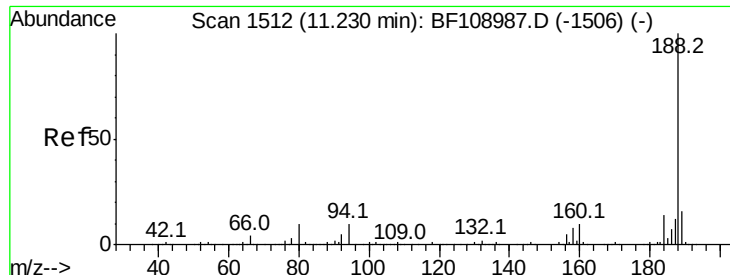
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#62
Azobenzene
Concen: 22.053 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.7	41.7
105	22.2	3.0	43.0
51	27.5	9.9	49.9





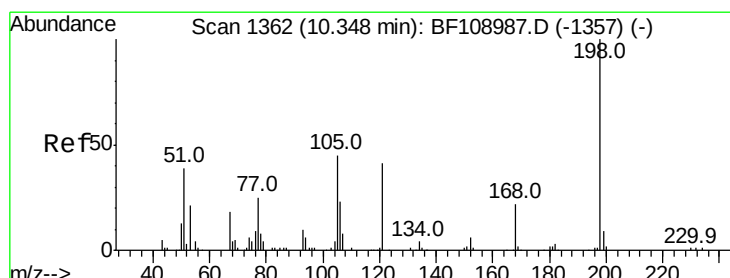
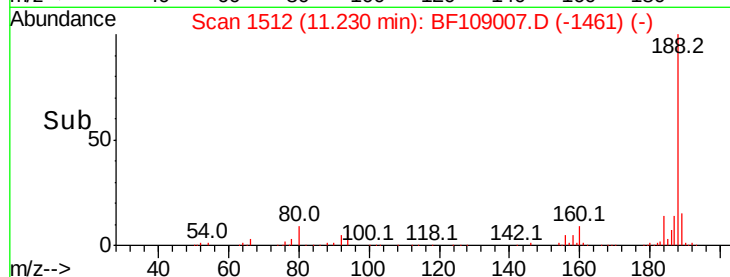
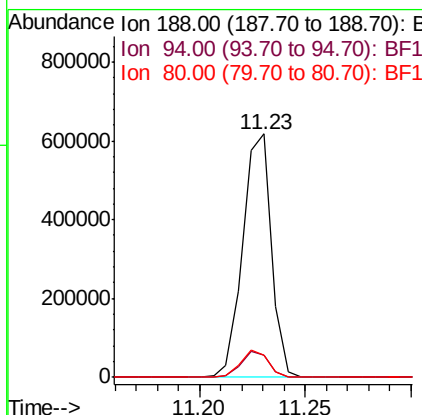
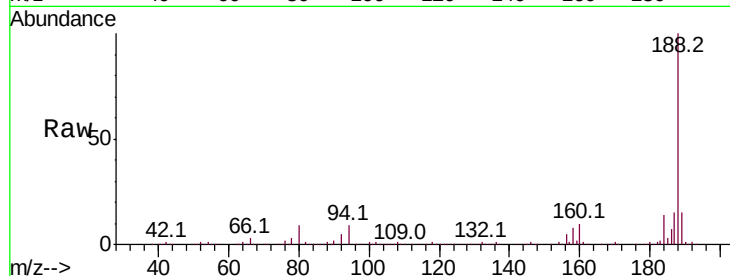
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	8.5	12.7	
80	9.3	9.2	13.8	

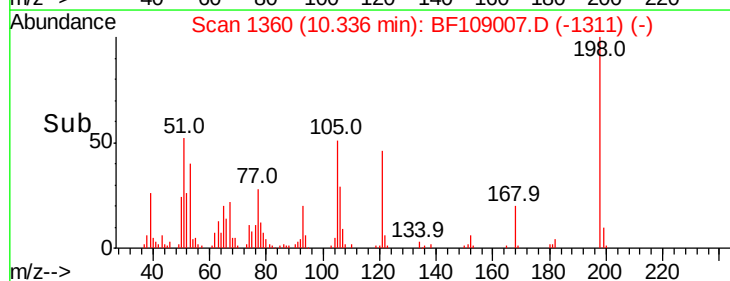
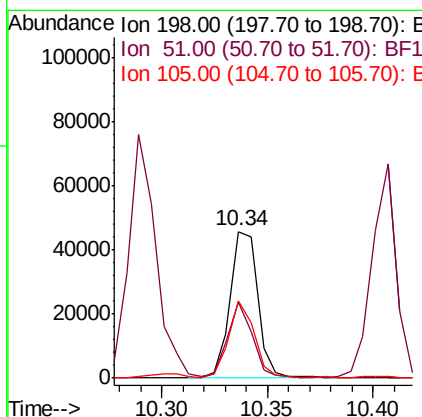
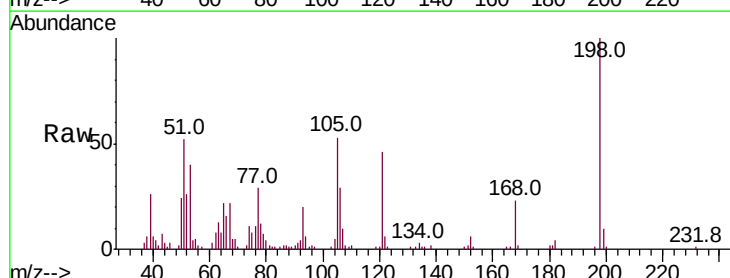
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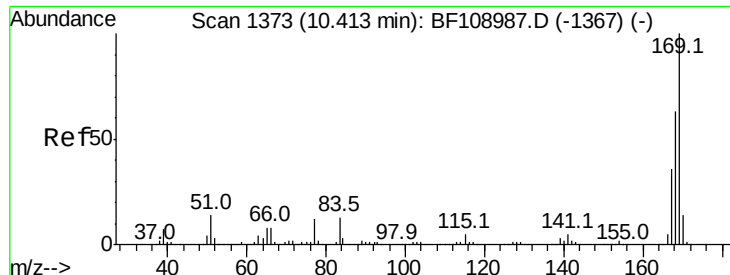
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.956 ng
RT: 10.34 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	52.2	37.7	77.7	
105	52.5	36.3	76.3	





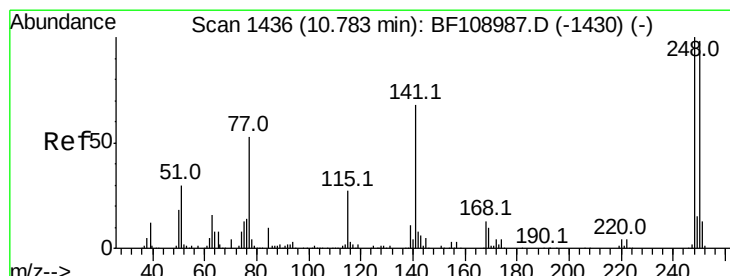
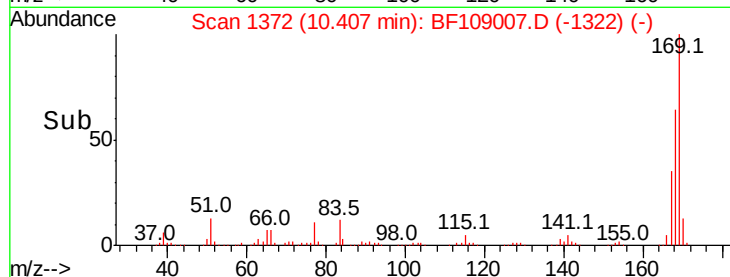
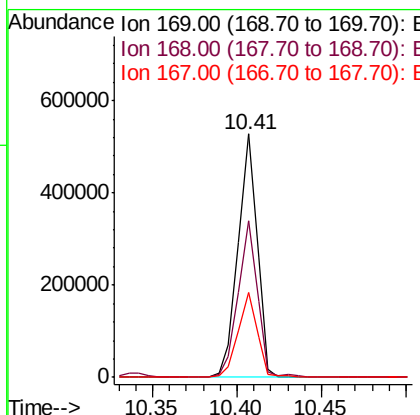
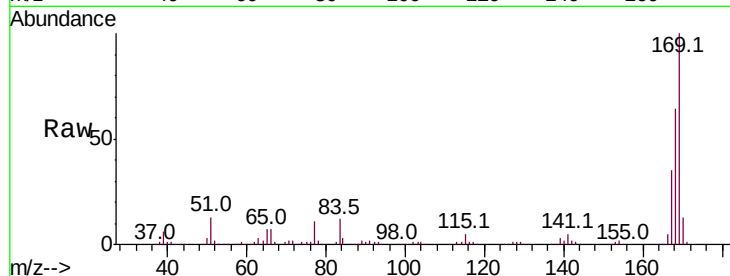
#65
n-Nitrosodiphenylamine
Concen: 22.021 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	418282		
168	64.3		54.4	81.6
167	34.9		29.8	44.6

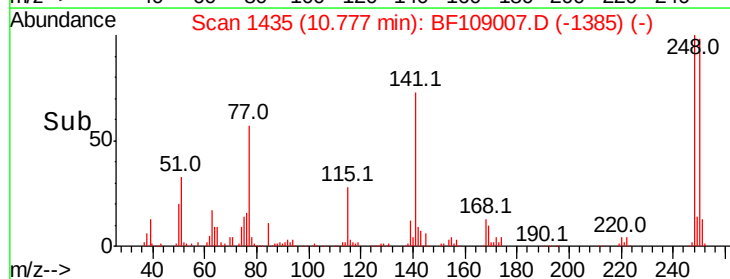
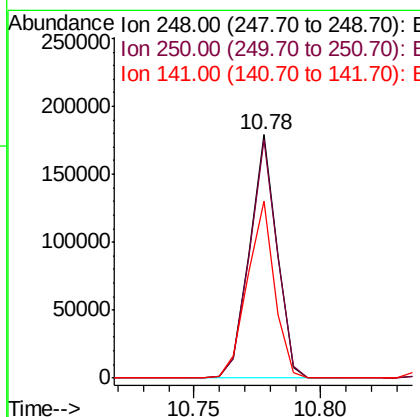
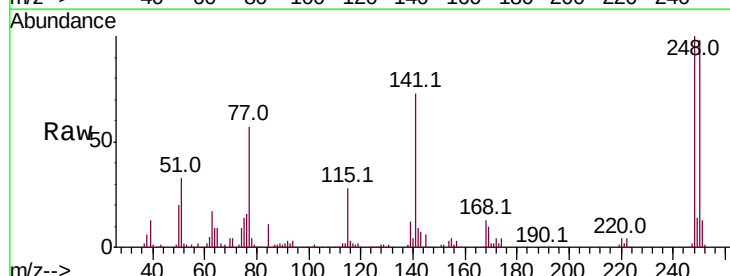
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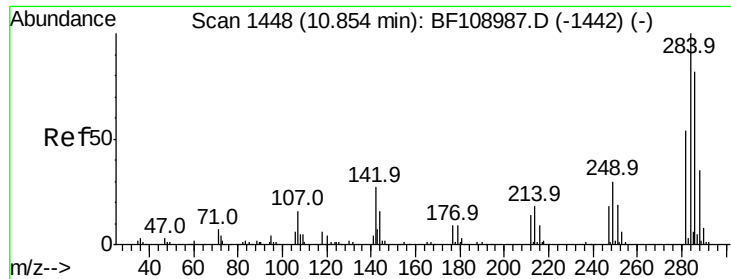
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#66
4-Bromophenyl-phenylether
Concen: 20.670 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	135313		
250	98.1		76.9	115.3
141	72.6		74.4	111.6#





#67

Hexachlorobenzene

Concen: 20.730 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

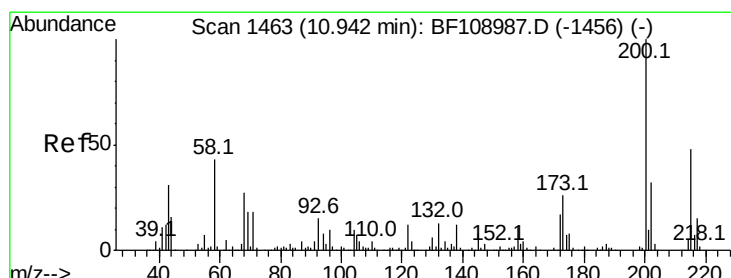
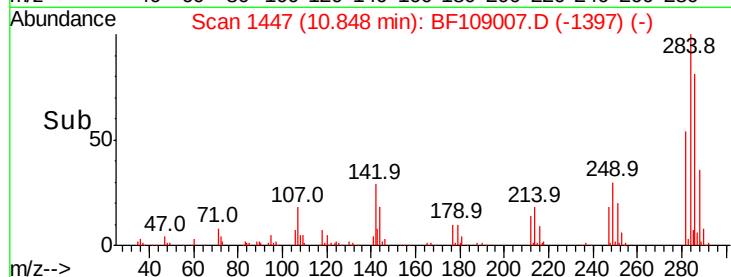
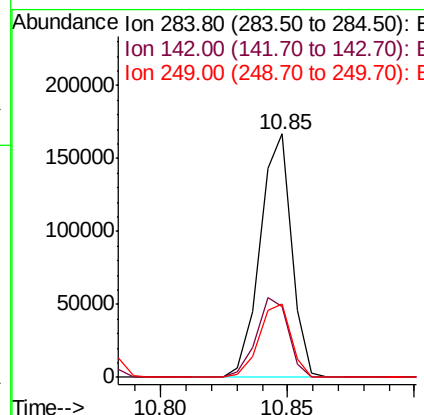
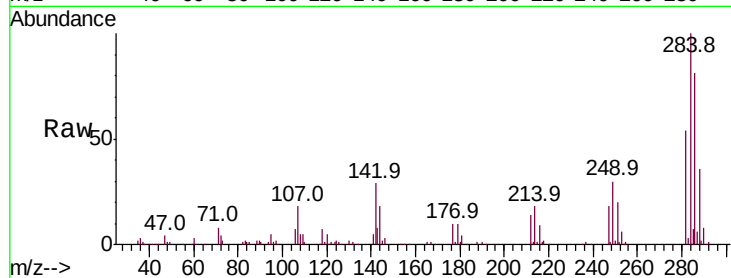
SP-PIT-2MSD

Tot Ion:	284	Resp:	145159
Ion Ratio	Lower	Upper	
284	100		
142	28.9	34.6	52.0#
249	30.3	24.8	37.2

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#68

Atrazine

Concen: 23.351 ng

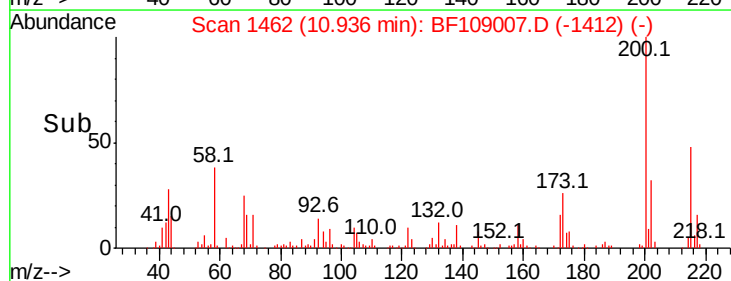
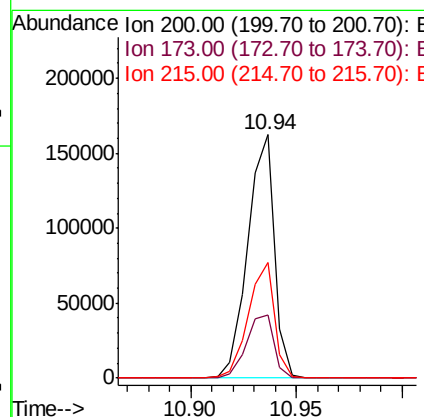
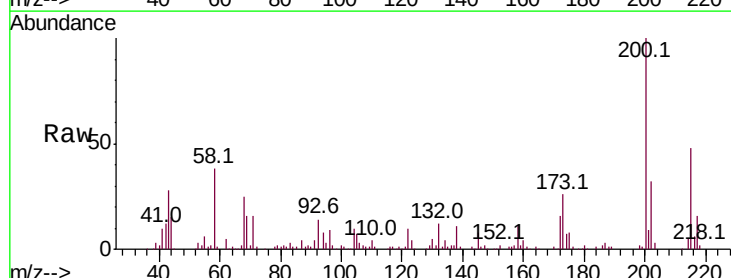
RT: 10.94 min Scan# 1462

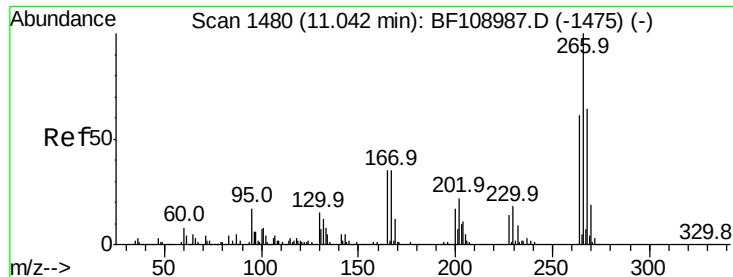
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	200	Resp:	141982
Ion Ratio	Lower	Upper	
200	100		
173	26.2	8.6	48.6
215	47.6	25.1	65.1





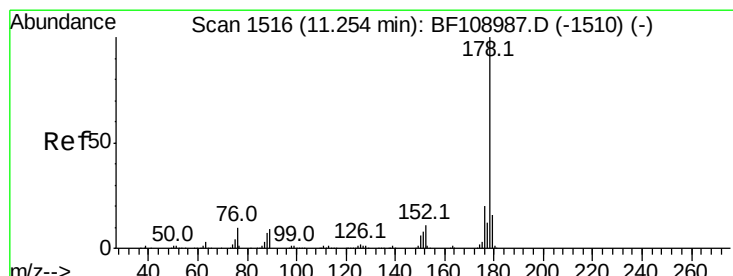
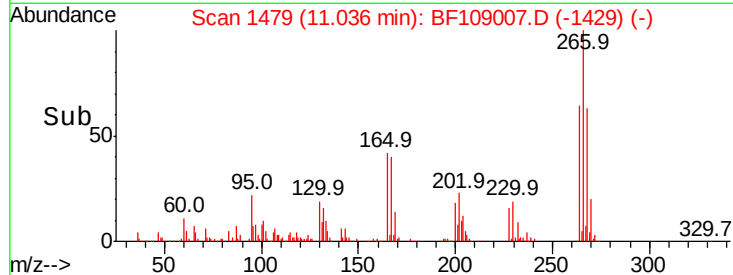
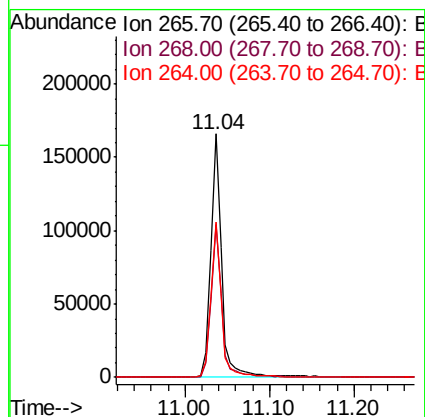
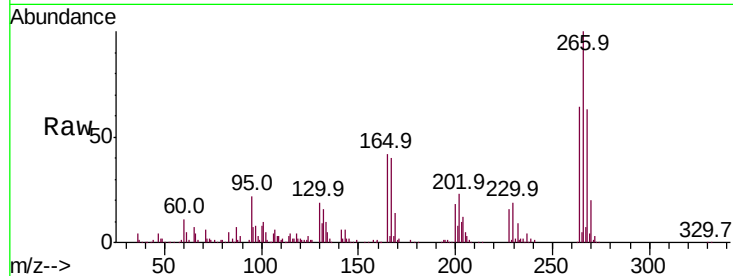
#69
 Pentachlorophenol
 Concen: 33.519 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion:	266	Resp:	150167
Ion Ratio		Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.5	49.5	74.3

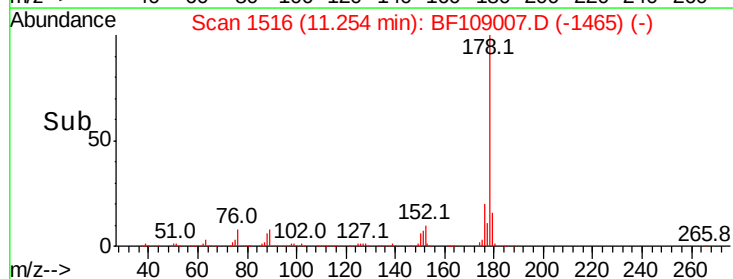
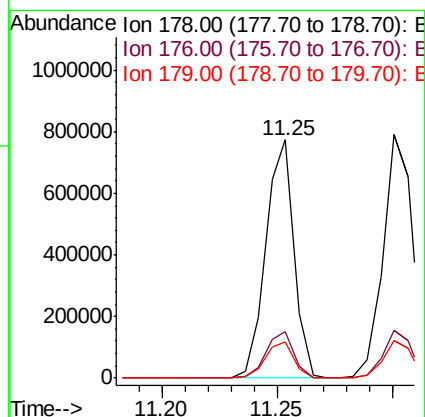
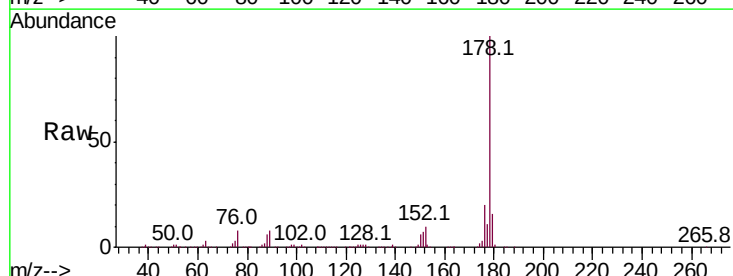
Manual Integrations
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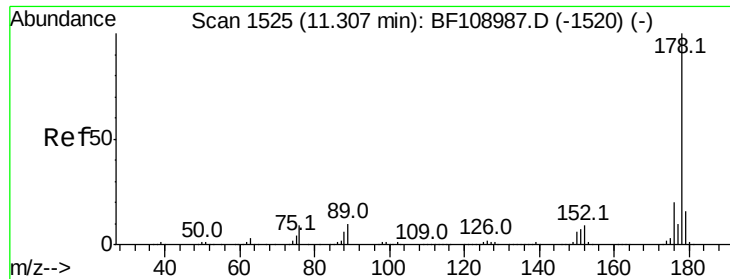
Sohil
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#70
 Phenanthrene
 Concen: 23.068 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:	178	Resp:	656640
Ion Ratio		Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6





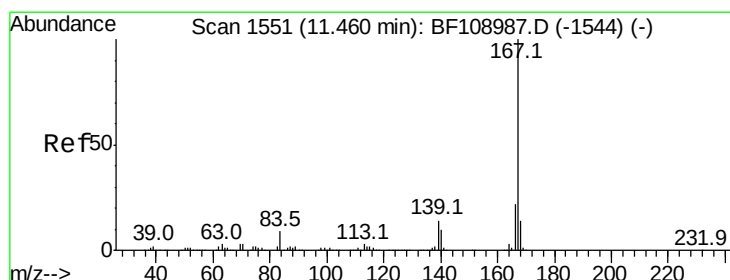
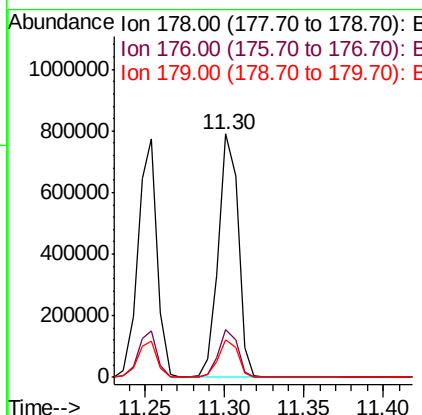
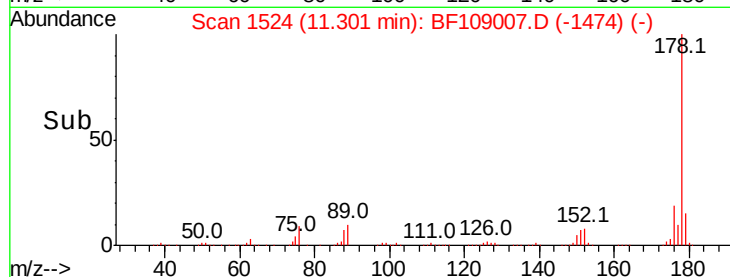
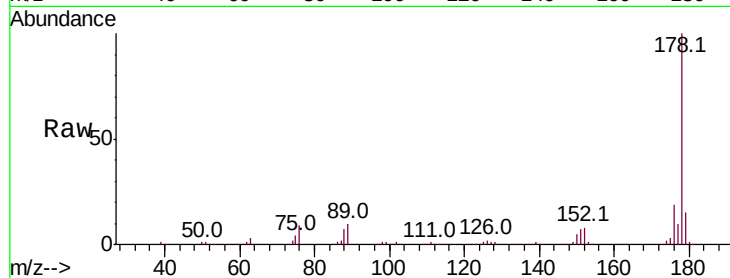
#71
 Anthracene
 Concen: 23.847 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.5	12.6	19.0

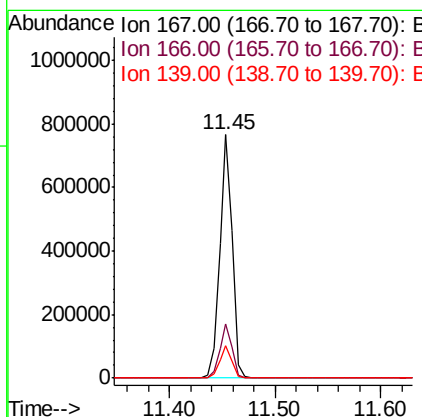
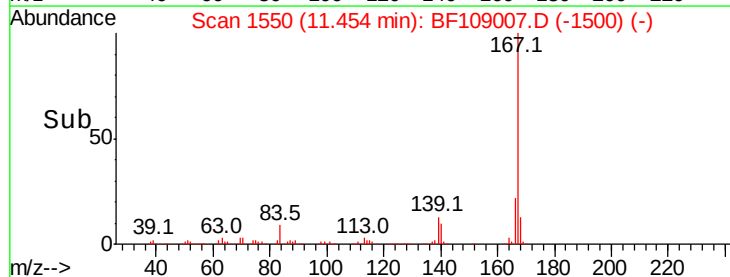
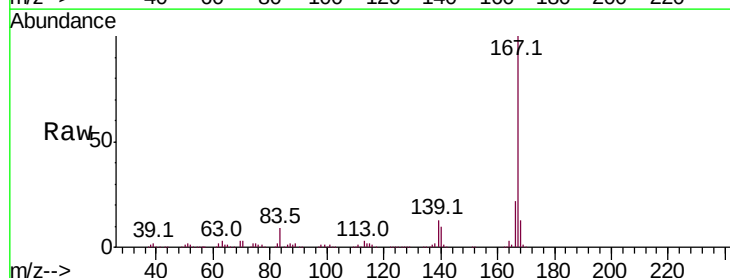
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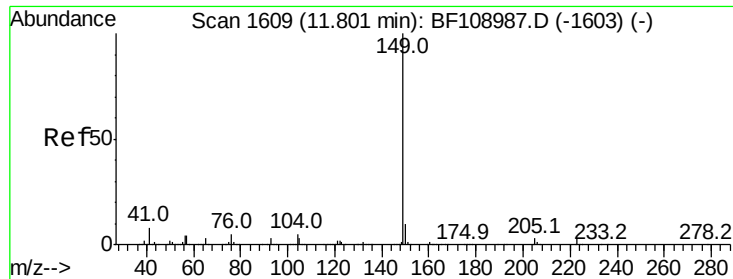
Sohil
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#72
 Carbazole
 Concen: 22.447 ng
 RT: 11.45 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 22.811 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

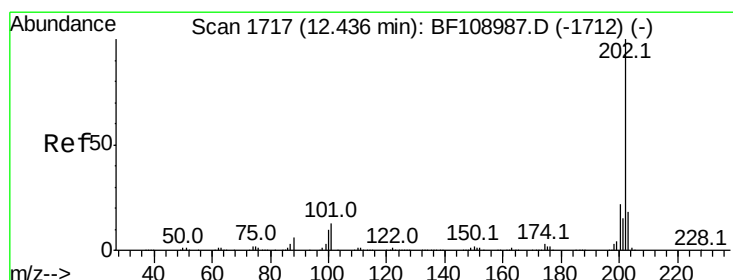
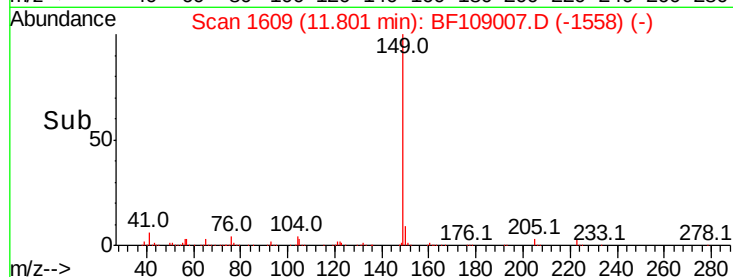
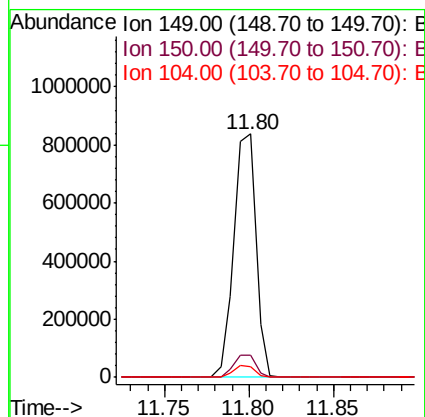
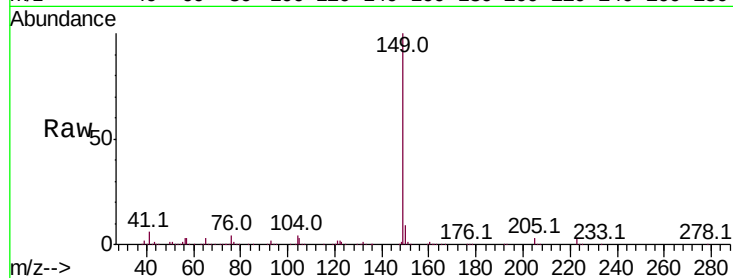
ClientSampled :

SP-PIT-2MSD

Tot Ion:	149	Resp:	762712
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 23.628 ng

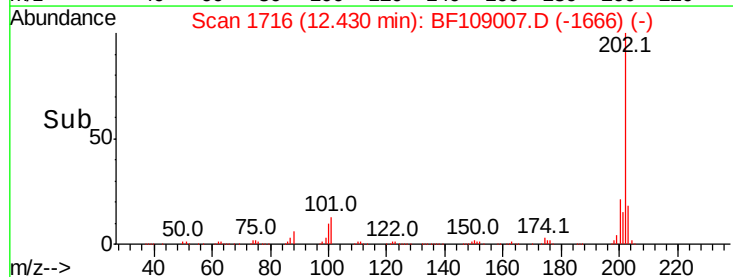
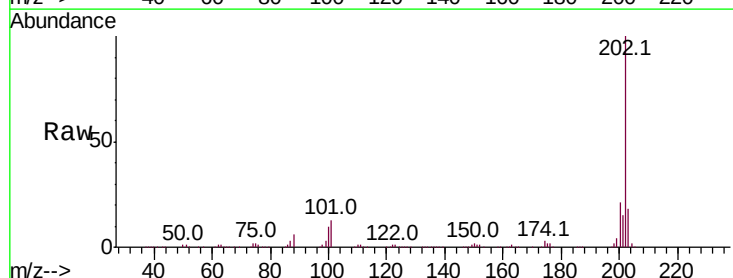
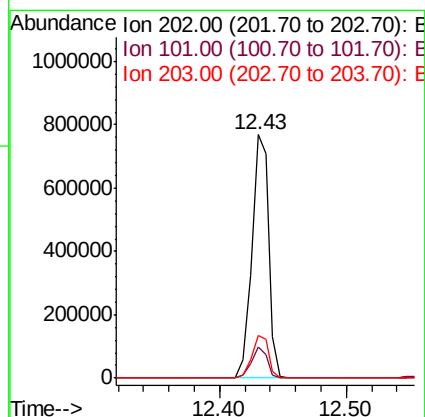
RT: 12.43 min Scan# 1716

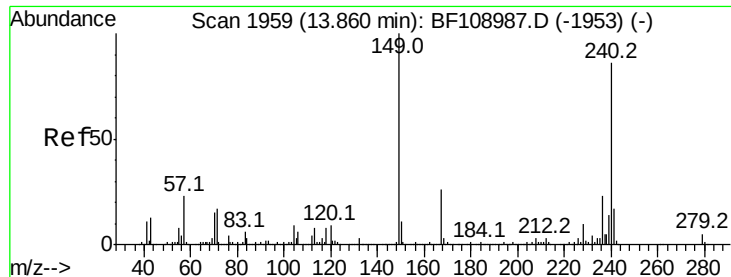
Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:	202	Resp:	710042
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

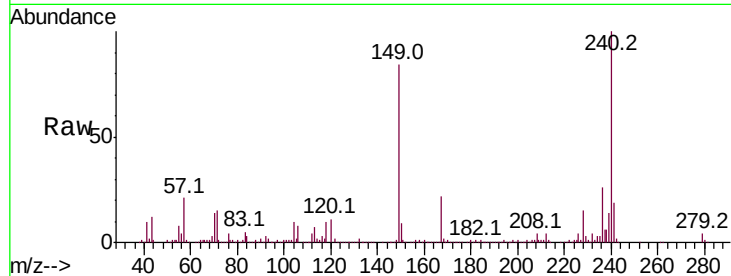
ClientSampleId :

SP-PIT-2MSD

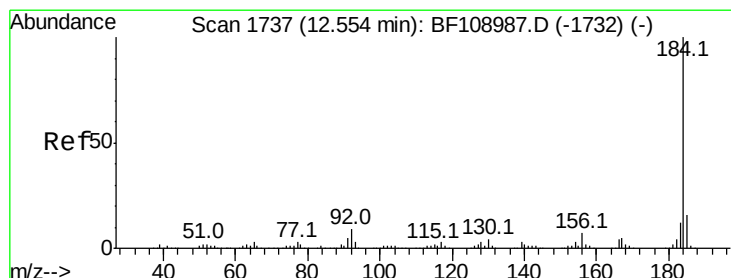
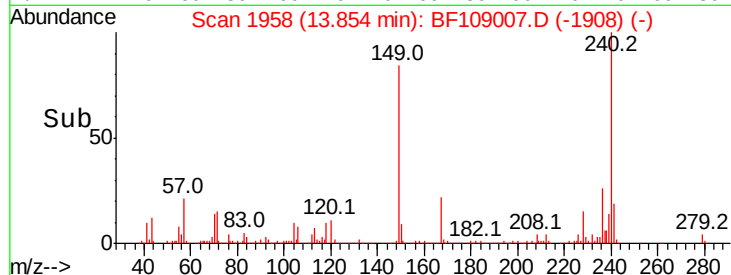
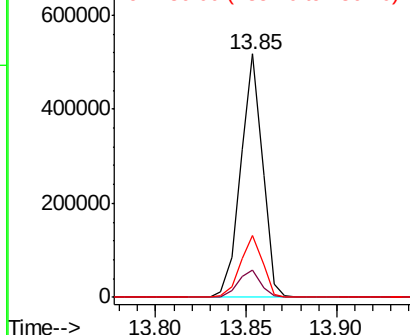
Tot Ion:	240	Resp:	432133
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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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: 32.630 ng

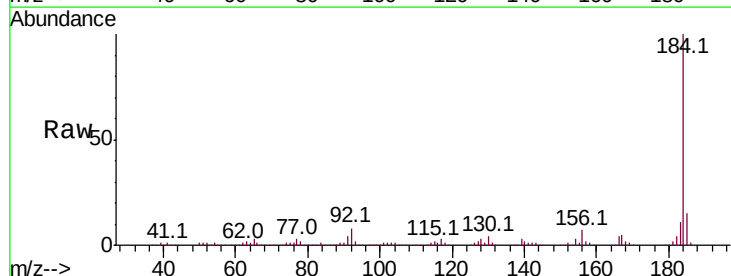
RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

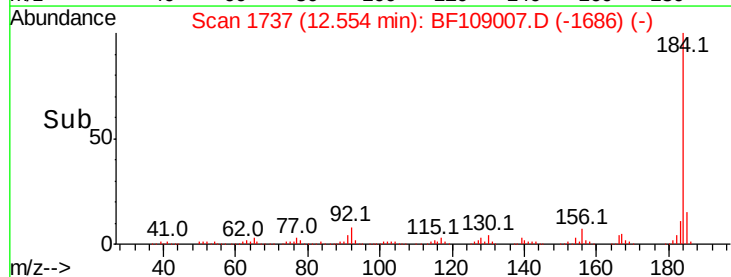
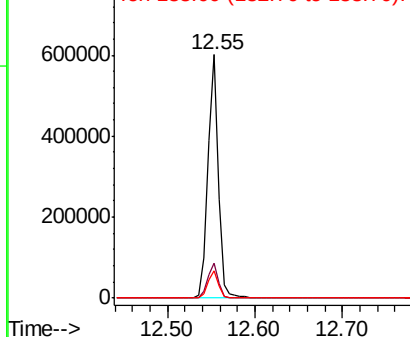
Lab File: BF109007.D

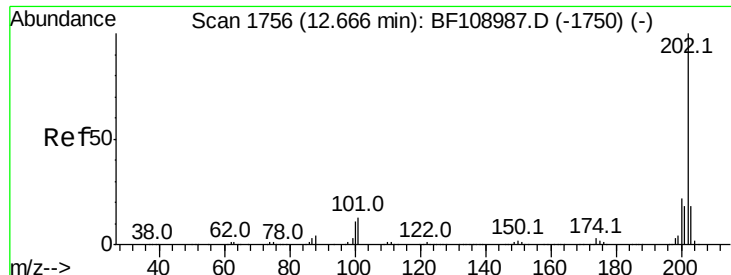
Acq: 14 Sep 2018 20:52

Tgt Ion:	184	Resp:	499144
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.4	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





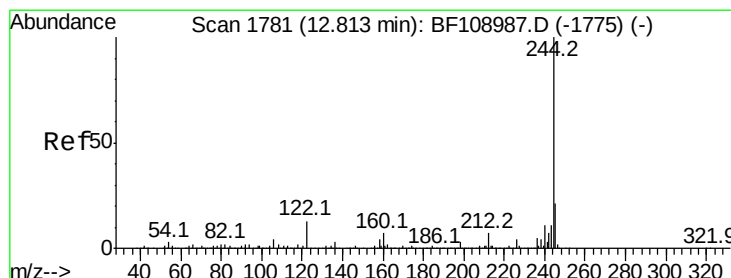
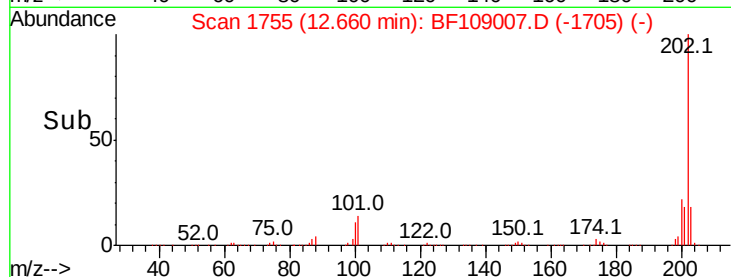
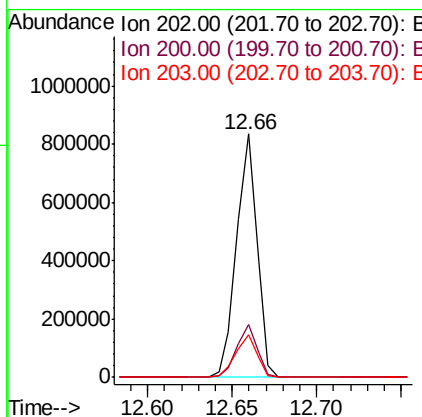
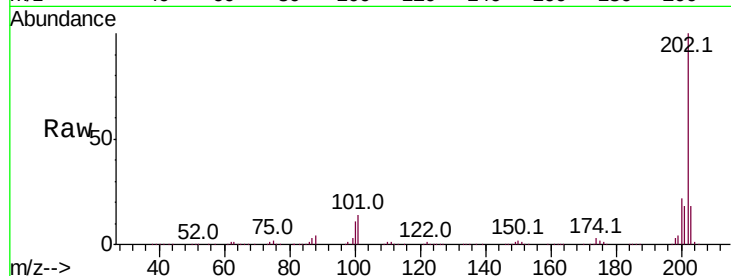
#77
 Pvrene
 Concen: 21.923 ng
 RT: 12.66 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

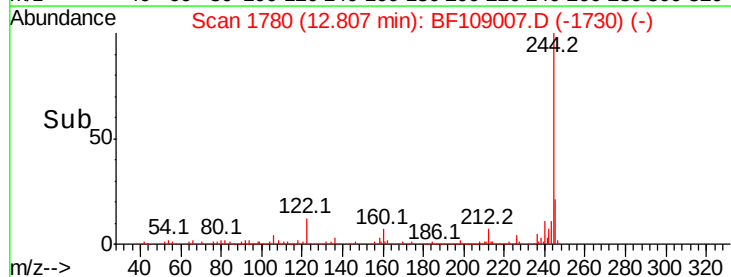
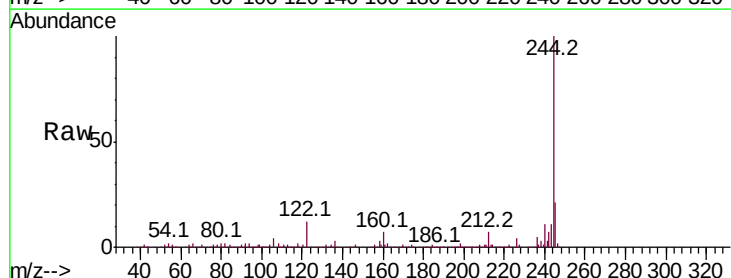
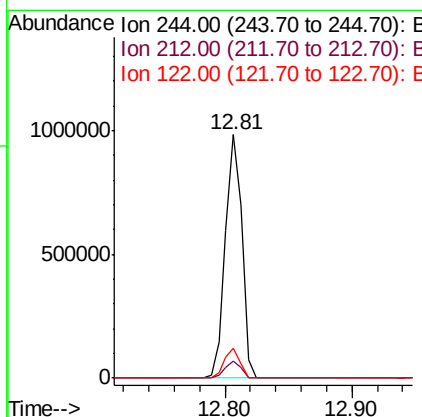
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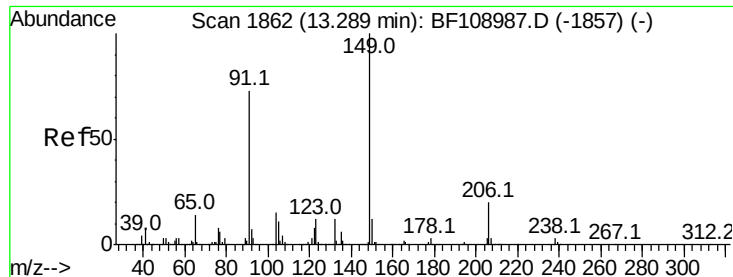
Sohil
 9/17/2018 1:59:37 PM



#78
 Terphenyl-d14
 Concen: 48.827 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4





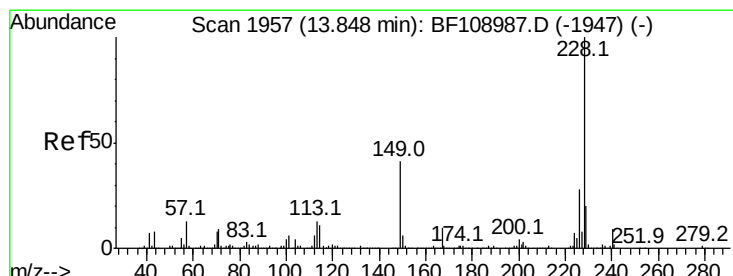
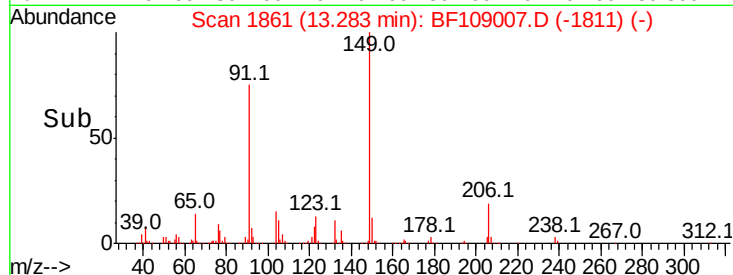
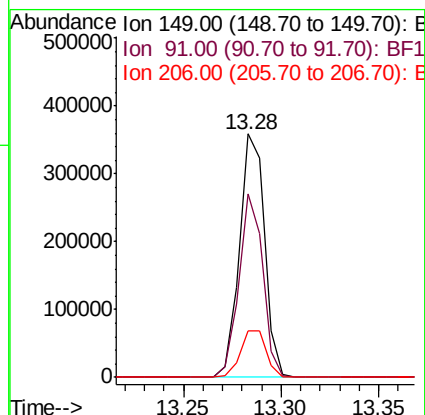
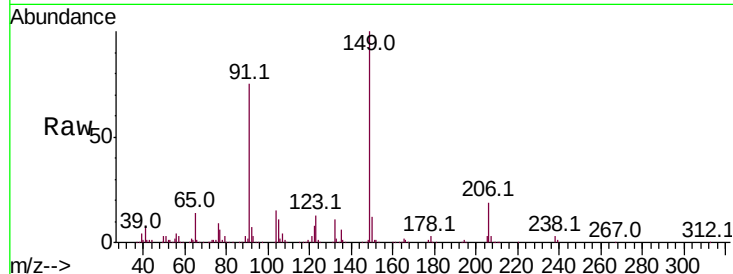
#79
Butylbenzylphthalate
Concen: 22.287 ng
RT: 13.28 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	319513		
91	75.4	56.8	85.2	
206	18.9	14.1	21.1	

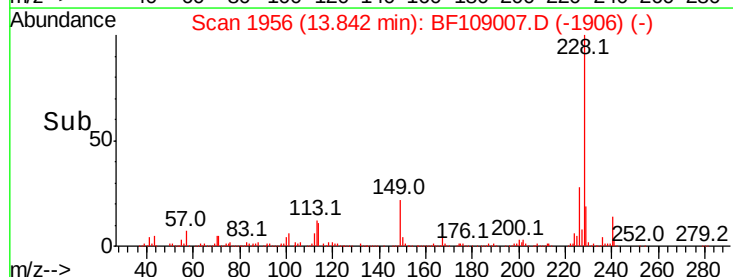
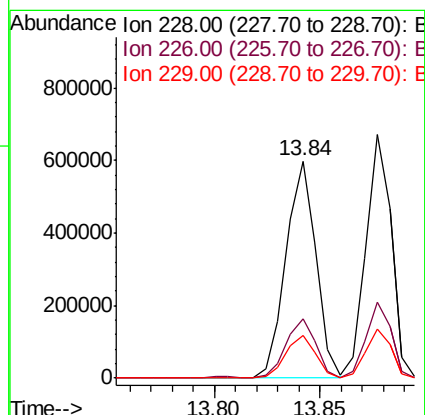
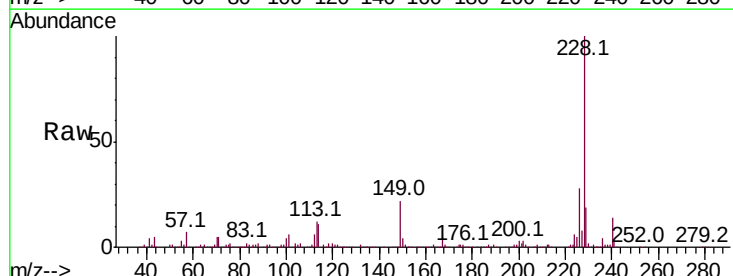
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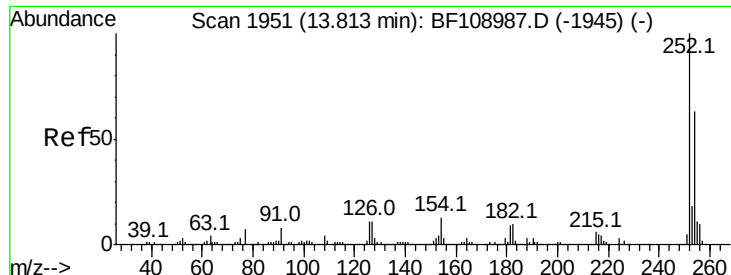
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#80
Benzo(a)anthracene
Concen: 22.724 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	594528		
226	27.6	22.6	33.8	
229	19.5	15.8	23.6	





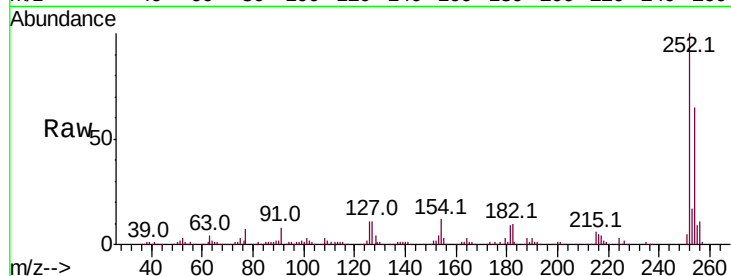
#81
 3,3'-Dichlorobenzidine
 Concen: 18.444 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	194721		
254	65.0	50.4	75.6	
126	11.4	11.3	16.9	

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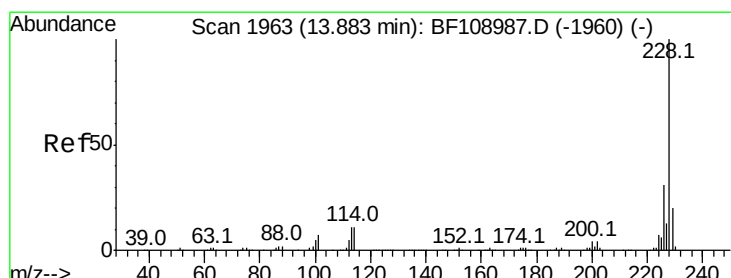
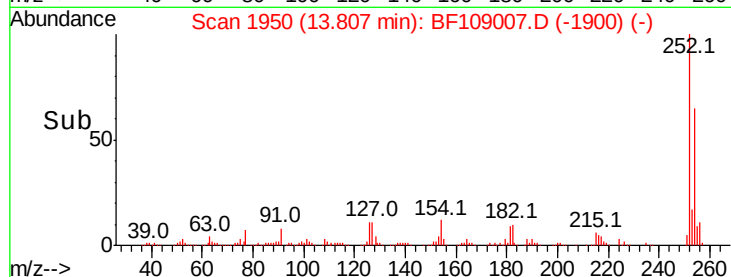
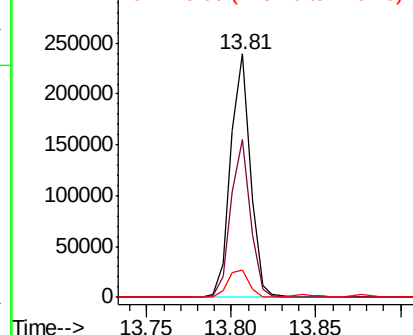


Abundance

Ion 252.00 (251.70 to 252.70): E

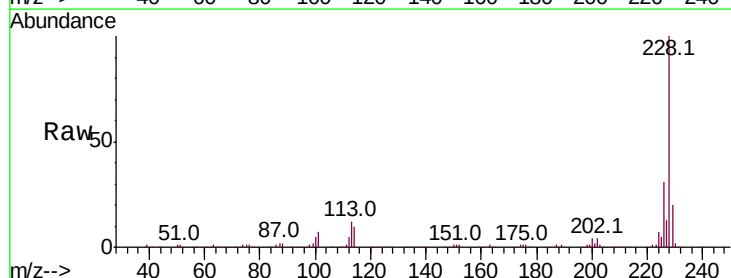
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 21.543 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	563902		
226	31.1	25.0	37.6	
229	20.0	16.2	24.4	

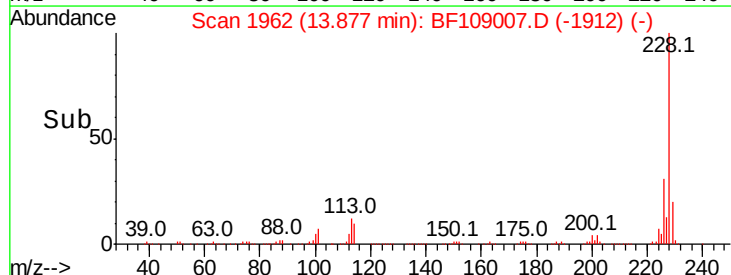
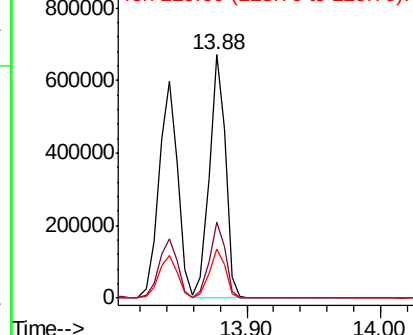


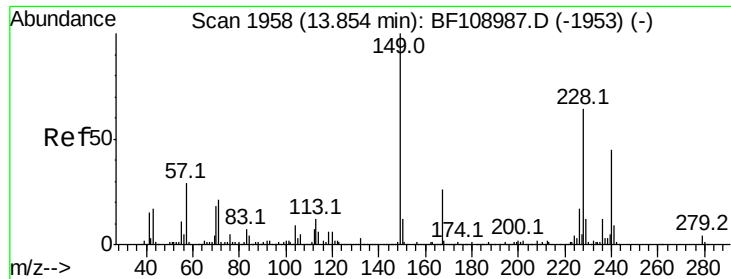
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





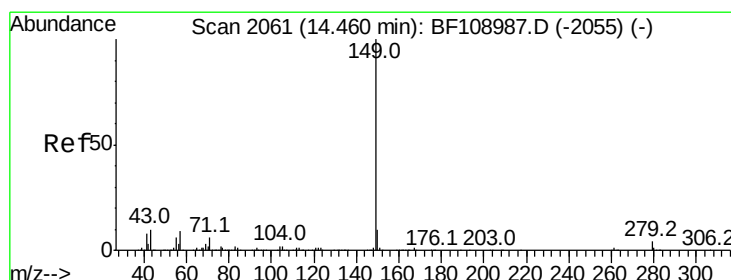
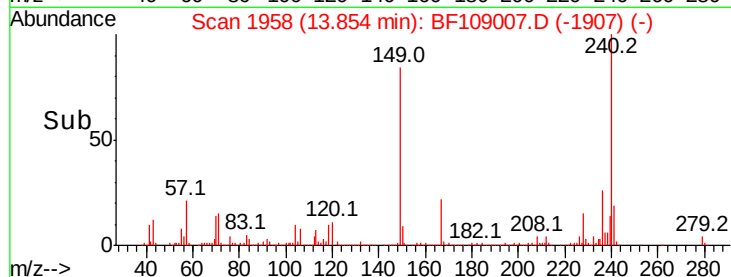
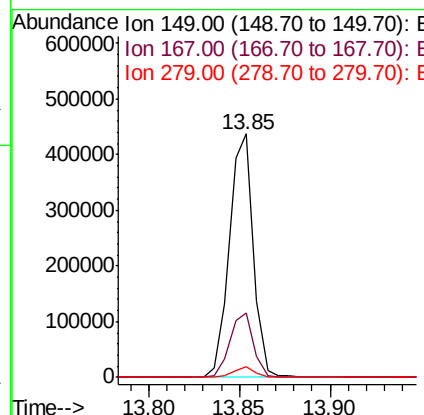
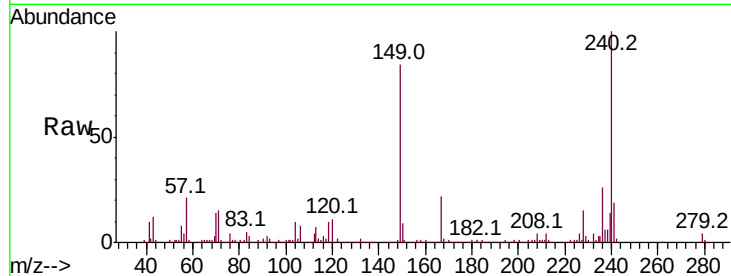
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.081 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	400659		
167	26.4	21.3	31.9	
279	4.2	3.0	4.4	

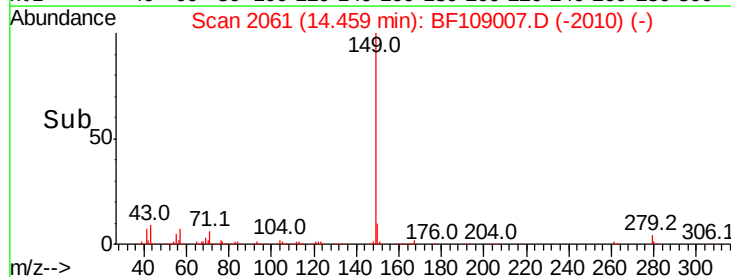
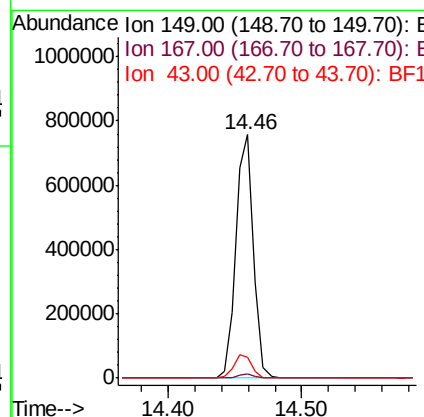
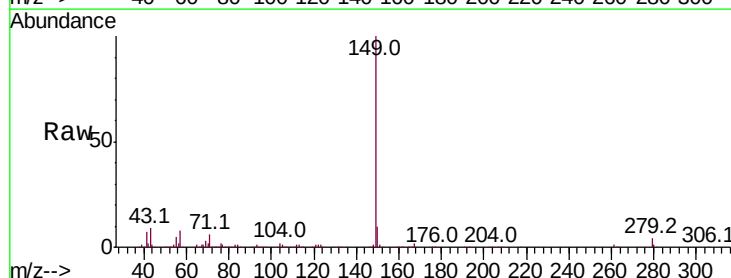
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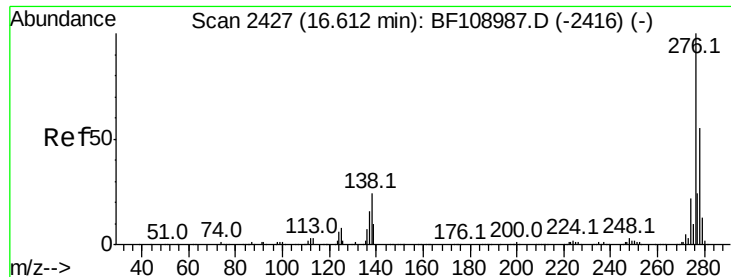
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#84
 Di-n-octyl phthalate
 Concen: 23.767 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	699696		
167	1.5	1.2	1.8	
43	9.7	8.4	12.6	





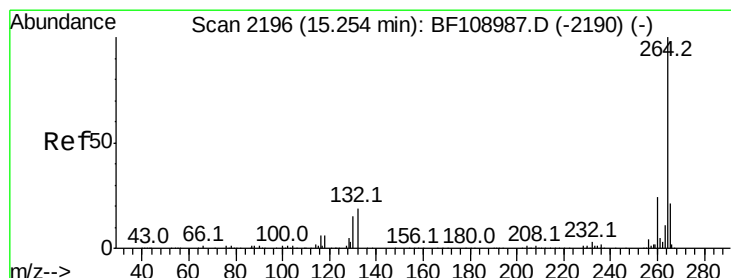
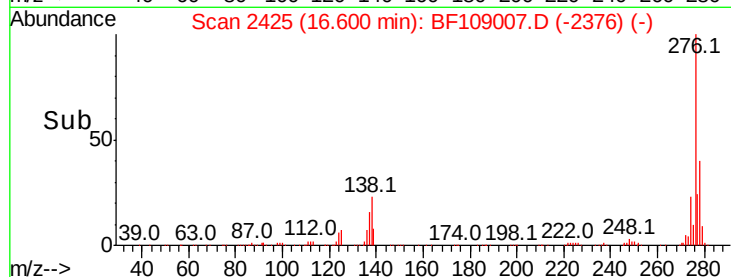
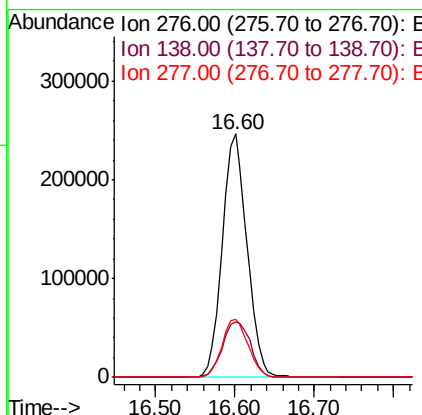
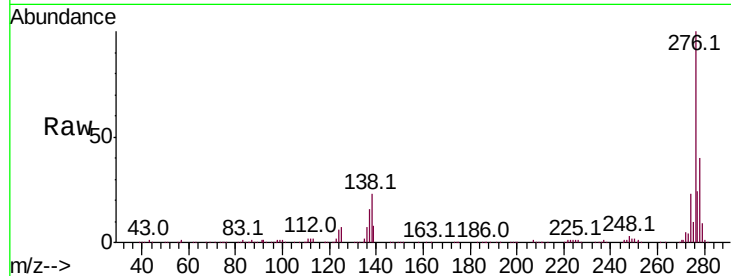
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.357 ng
 RT: 16.60 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	24.9	20.1	30.1

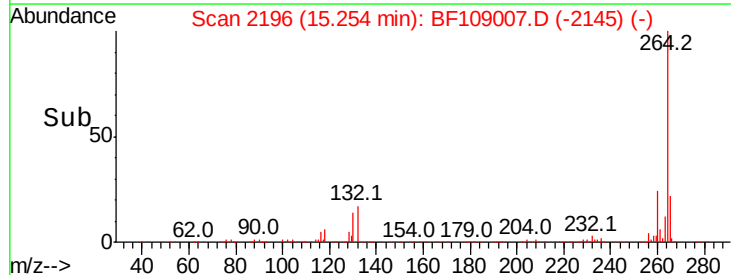
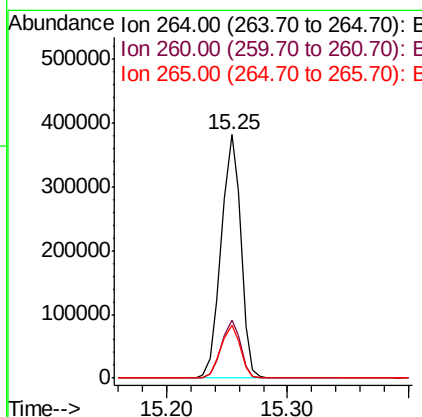
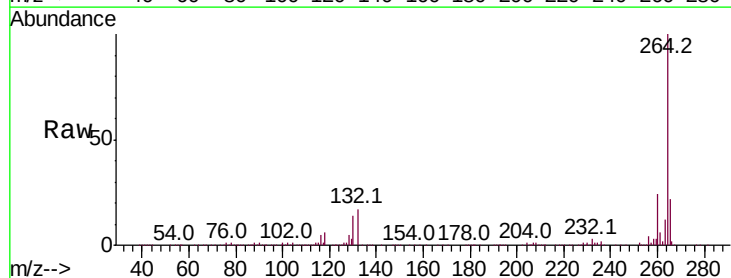
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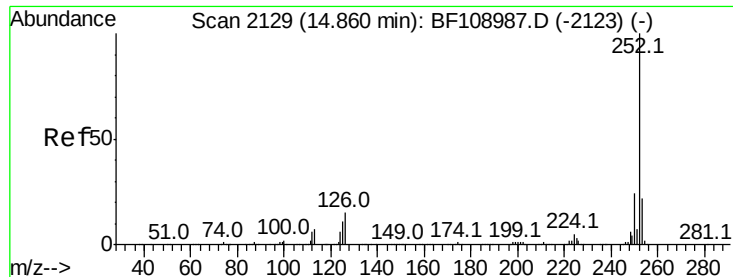
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





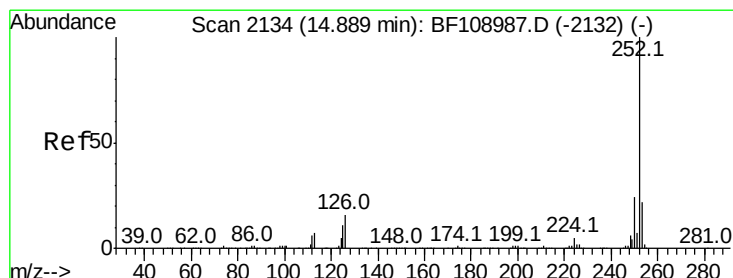
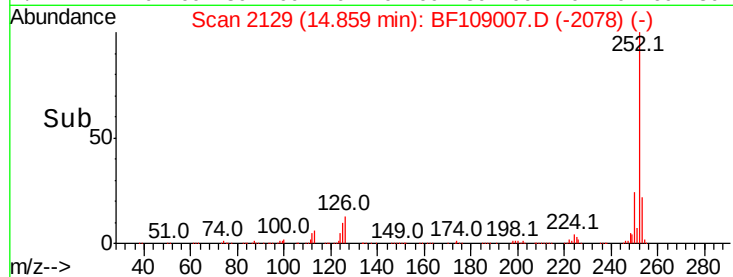
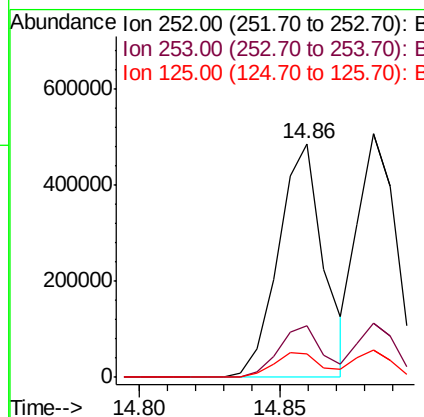
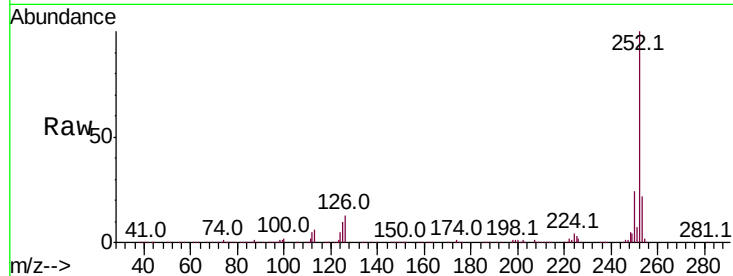
#87
Benzo(b)fluoranthene
Concen: 22.698 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.8	9.0	13.6

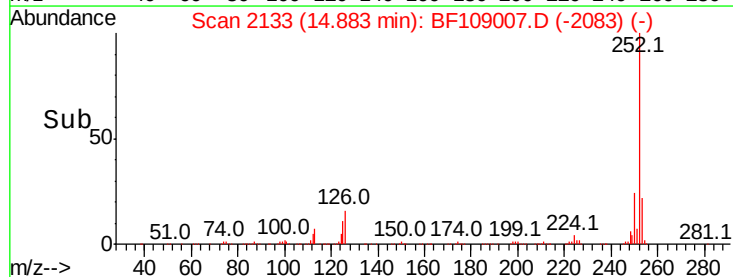
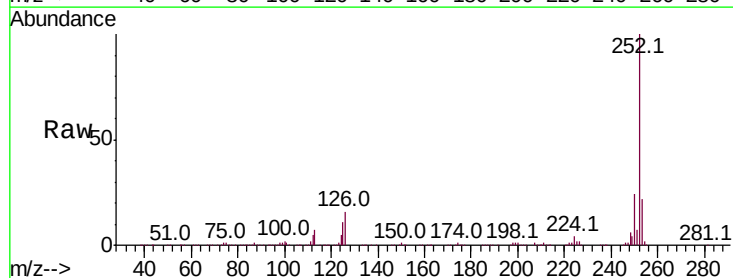
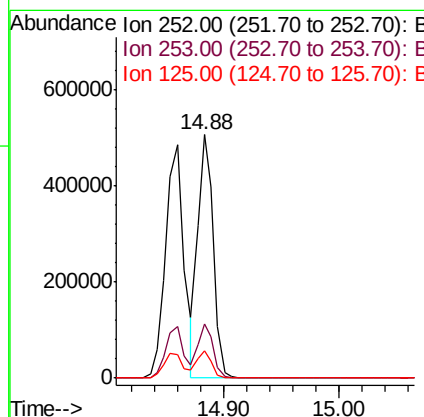
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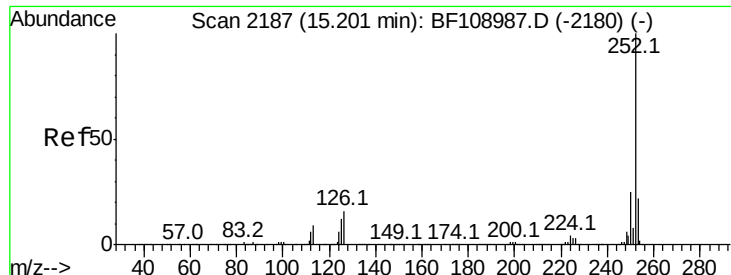
Sohil
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#88
Benzo(k)fluoranthene
Concen: 21.591 ng
RT: 14.88 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	10.2	15.2





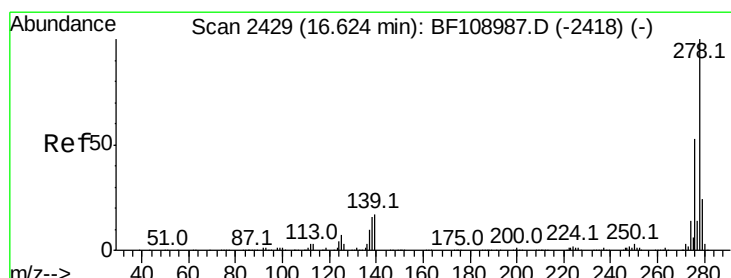
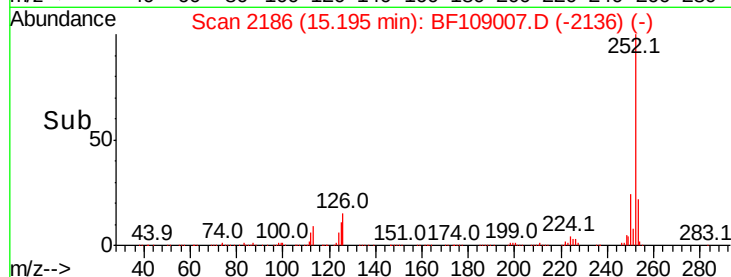
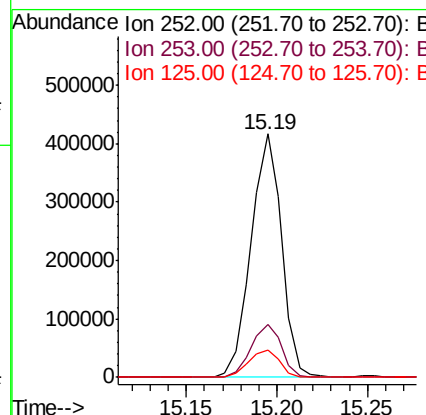
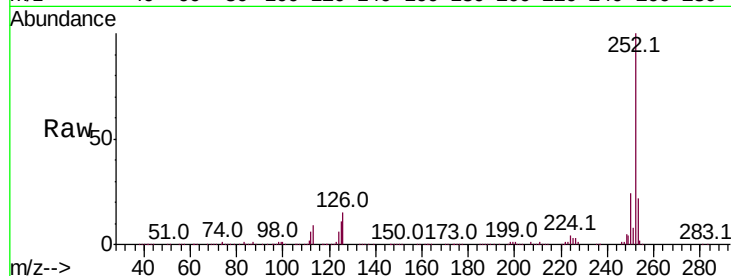
#89
Benzo(a)pyrene
Concen: 23.167 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.4	9.8	14.6

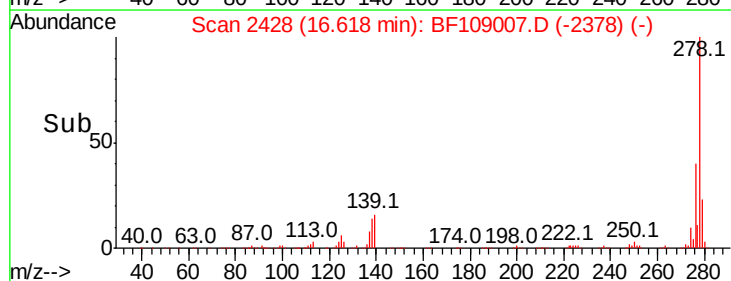
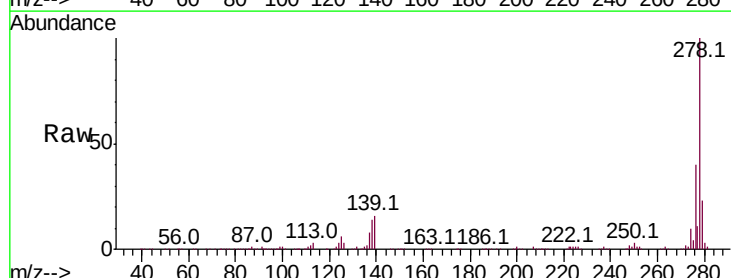
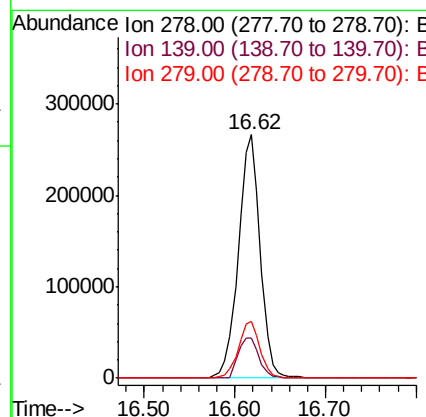
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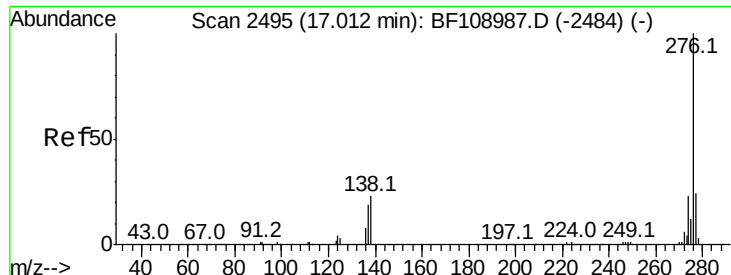
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 25.236 ng
RT: 16.62 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 25.109 ng
 RT: 17.01 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tot Ion:	276	Resp:	444231
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	22.3	21.8	32.8

Manual Integrations
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Sohil
 9/17/2018 1:59:37 PM

