

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108150.D
 Acq On : 14 Aug 2018 17:40
 Operator : JU/SJ
 Sample : J4460-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Manual Integrations
 APPROVED

Sohil
 8/15/2018 3:38:39 PM

Quant Time: Aug 14 18:43:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	200030	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	694622	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	289740	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	486498	20.00	ng	0.00
75) Chrysene-d12	14.22	240	462477	20.00	ng	0.00
86) Perylene-d12	15.78	264	304787	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	934205	84.55	ng	0.02
7) Phenol-d6	6.64	99	1230955	83.84	ng	0.01
23) Nitrobenzene-d5	7.58	82	790793	63.53	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	238498	82.52	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1296661	71.85	ng	0.00
78) Terphenyl-d14	13.15	244	1209763	66.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.97	88	133889	23.584	ng	89
3) Pyridine	3.73	79	369143	25.242	ng	87
4) n-Nitrosodimethylamine	3.69	42	220196	26.758	ng	# 84
6) Aniline	6.68	93	414179	20.739	ng	98
8) 2-Chlorophenol	6.81	128	369865	29.723	ng	98
9) Benzaldehyde	6.57	77	230981	20.291	ng	96
10) Phenol	6.65	94	461491	30.387	ng	94
11) bis(2-Chloroethyl)ether	6.75	93	367452	29.928	ng	92
12) 1,3-Dichlorobenzene	6.96	146	413107	28.711	ng	98
13) 1,4-Dichlorobenzene	7.04	146	423265	29.279	ng	98
14) 1,2-Dichlorobenzene	7.19	146	395733	29.430	ng	98
15) Benzyl Alcohol	7.15	79	356365	28.832	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	707803	27.983	ng	96
17) 2-Methylphenol	7.26	107	306461	28.718	ng	96
18) Hexachloroethane	7.53	117	133389	25.918	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	279291	28.130	ng	# 87
20) 3+4-Methylphenols	7.41	107	391736	28.646	ng	97
22) Acetophenone	7.42	105	528205	32.521	ng	# 94
24) Nitrobenzene	7.60	77	406800	32.317	ng	97
25) Isophorone	7.84	82	724574	30.538	ng	98
26) 2-Nitrophenol	7.91	139	159935	33.644	ng	# 88
27) 2,4-Dimethylphenol	7.94	122	327797	31.128	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	450597	32.532	ng	98
29) 2,4-Dichlorophenol	8.15	162	301290	31.090	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	328972	30.790	ng	96
31) Naphthalene	8.32	128	1007792	31.902	ng	99
32) Benzoic acid	7.94	122	327797	52.940	ng	# 15
33) 4-Chloroaniline	8.37	127	265143	19.260	ng	98
34) Hexachlorobutadiene	8.44	225	215417	31.848	ng	98
35) Caprolactam	8.72	113	81149m	26.721	ng	
36) 4-Chloro-3-methylphenol	8.84	107	292752	28.003	ng	100
37) 2-Methylnaphthalene	9.02	142	651701	29.159	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	325106	36.539	ng	# 97
40) Hexachlorocyclopentadiene	9.17	237	61867	10.765	ng	96

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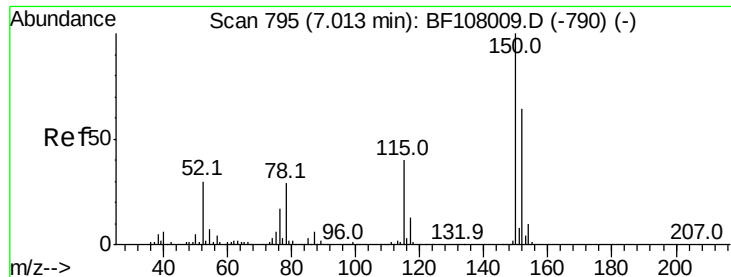
Manual Integrations
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Quant Time: Aug 14 18:43:50 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	194720	35.266	nq	100
43) 2,4,5-Trichlorophenol	9.33	196	205012	33.730	nq	# 94
45) 1,1'-Biphenyl	9.48	154	775559	36.305	nq	99
46) 2-Chloronaphthalene	9.51	162	575640	34.094	nq	99
47) 2-Nitroaniline	9.60	65	189438	34.676	nq	89
48) Acenaphthylene	9.93	152	873955	32.741	nq	99
49) Dimethylphthalate	9.77	163	811715	40.218	nq	99
50) 2,6-Dinitrotoluene	9.84	165	134980	31.966	nq	99
51) Acenaphthene	10.10	154	497028	30.401	nq	100
52) 3-Nitroaniline	10.01	138	125623	27.191	nq	99
53) 2,4-Dinitrophenol	10.12	184	1212	7.720	nq	# 39
54) Dibenzofuran	10.27	168	730104	30.824	nq	98
55) 4-Nitrophenol	10.17	139	178297	50.963	nq	98
56) 2,4-Dinitrotoluene	10.25	165	158788	29.214	nq	# 94
57) Fluorene	10.62	166	557726	29.745	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	143888	28.323	nq	# 87
59) Diethylphthalate	10.47	149	628533	32.160	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	293050	29.994	nq	95
61) 4-Nitroaniline	10.62	138	125933	27.570	nq	97
62) Azobenzene	10.77	77	578494	28.662	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	3910	7.260	nq	90
65) n-Nitrosodiphenylamine	10.72	169	497922	34.635	nq	98
66) 4-Bromophenyl-phenylether	11.10	248	175919	33.274	nq	# 89
67) Hexachlorobenzene	11.17	284	171966	30.914	nq	# 90
68) Atrazine	11.24	200	162016	33.600	nq	96
69) Pentachlorophenol	11.36	266	148292	55.696	nq	98
70) Phenanthrene	11.59	178	760222	33.130	nq	99
71) Anthracene	11.64	178	775777	32.986	nq	99
72) Carbazole	11.79	167	693824	33.204	nq	100
73) Di-n-butylphthalate	12.11	149	845961	35.743	nq	99
74) Fluoranthene	12.78	202	846847	33.815	nq	96
76) Benzidine	12.90	184	547357	31.677	nq	99
77) Pyrene	13.02	202	862320	29.451	nq	100
79) Butylbenzylphthalate	13.62	149	380417	32.720	nq	# 96
80) Benzo(a)anthracene	14.21	228	827293	31.170	nq	100
81) 3,3'-Dichlorobenzidine	14.17	252	293666	30.874	nq	# 95
82) Chrysene	14.25	228	772363	31.741	nq	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	534399	33.942	nq	# 99
84) Di-n-octyl phthalate	14.79	149	932616	38.840	nq	95
85) Indeno(1,2,3-cd)pyrene	17.41	276	457880	21.717	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	598395	32.857	nq	# 96
88) Benzo(k)fluoranthene	15.34	252	589999	35.242	nq	# 96
89) Benzo(a)pyrene	15.71	252	508813	31.199	nq	97
90) Dibenzo(a,h)anthracene	17.42	278	391476	29.012	nq	# 95
91) Benzo(g,h,i)perylene	17.90	276	379484	28.560	nq	# 90

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



#1

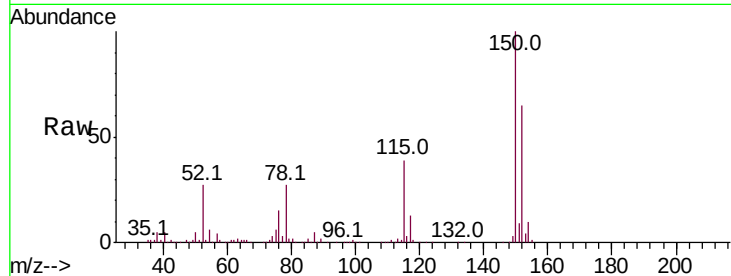
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.7	50.1	75.1

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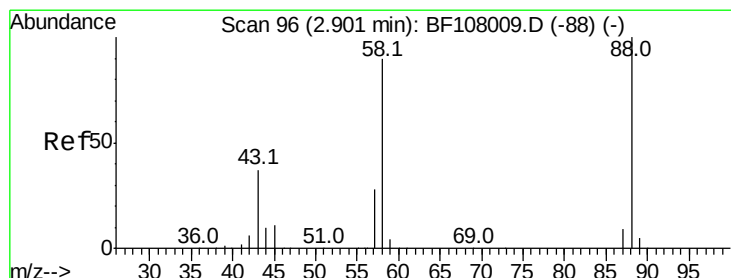
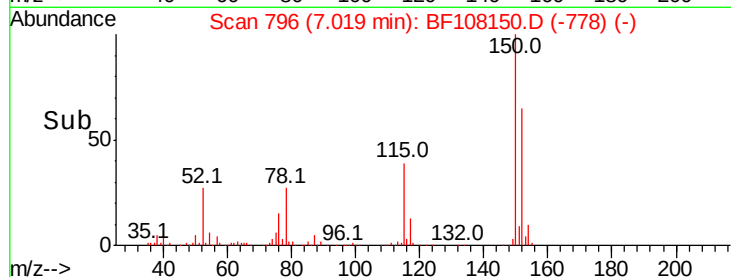
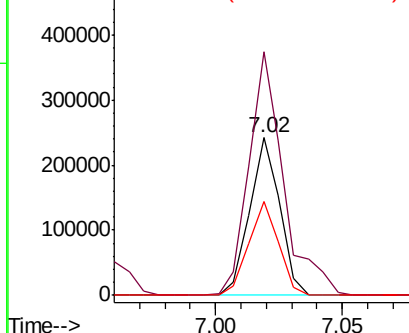


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

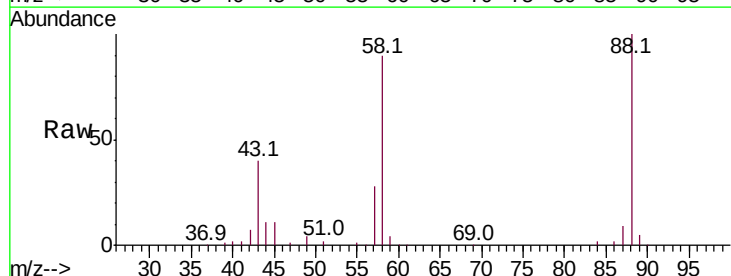
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.584 ng
RT: 2.97 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	62.6	93.8
43	36.7	24.6	37.0

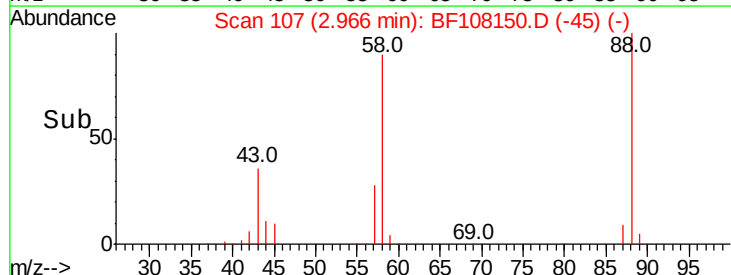
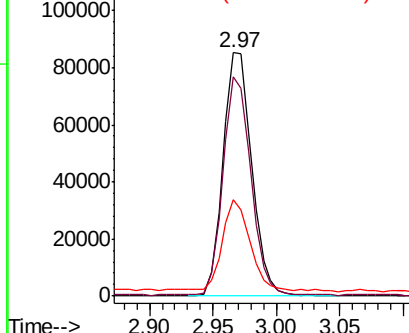


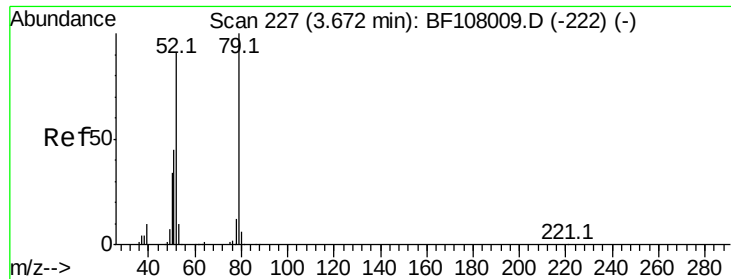
Abundance

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: 25.242 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

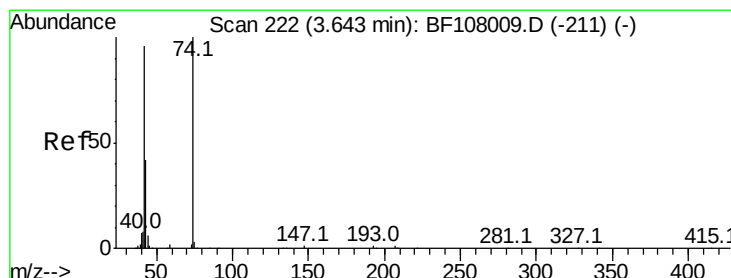
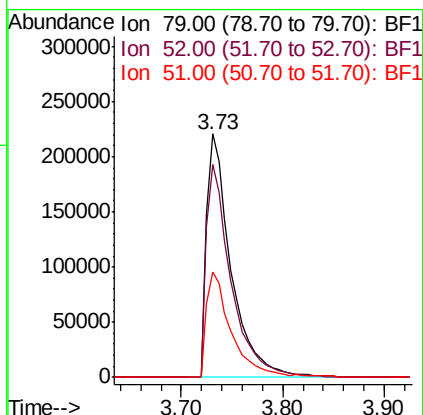
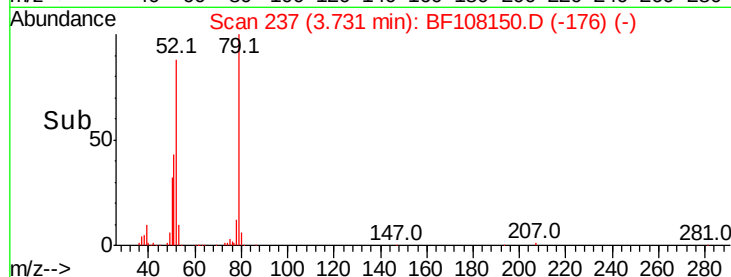
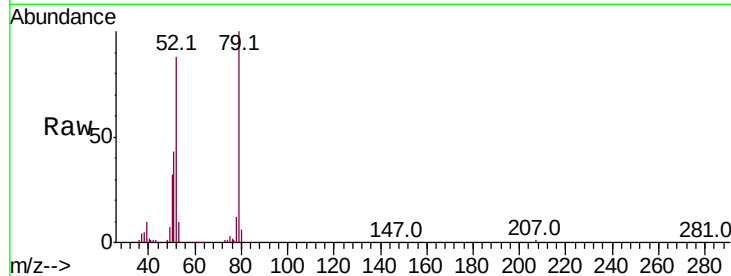
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	79	Resp:	369143
Ion Ratio	Lower	Upper	
79	100		
52	87.5	59.8	89.6
51	43.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 26.758 ng

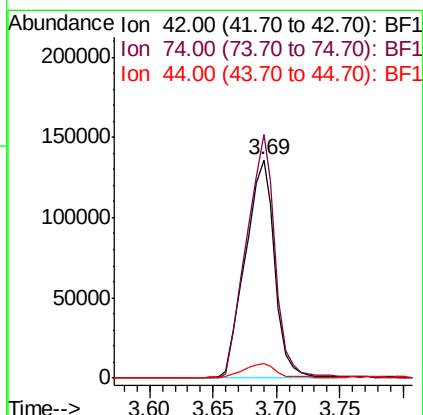
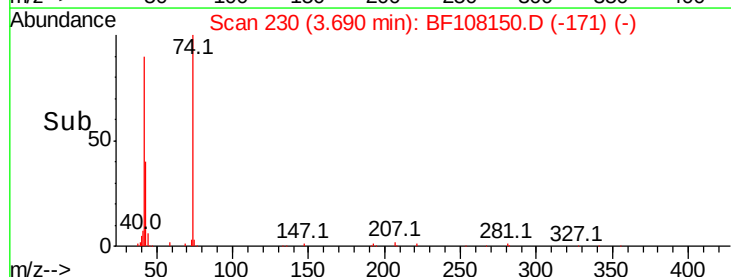
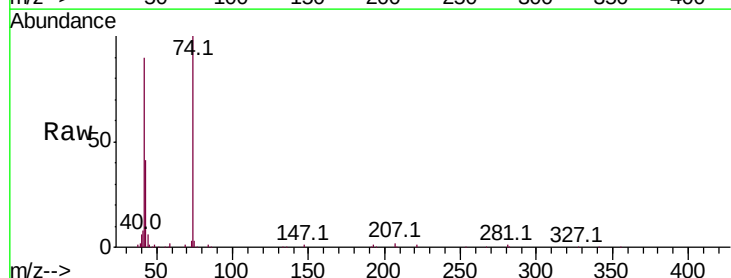
RT: 3.69 min Scan# 230

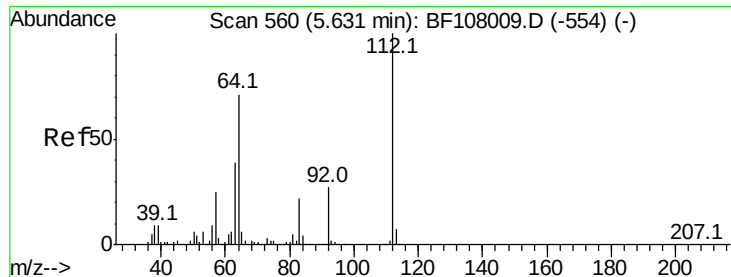
Delta R.T. 0.05 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	42	Resp:	220196
Ion Ratio	Lower	Upper	
42	100		
74	111.4	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 84.554 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

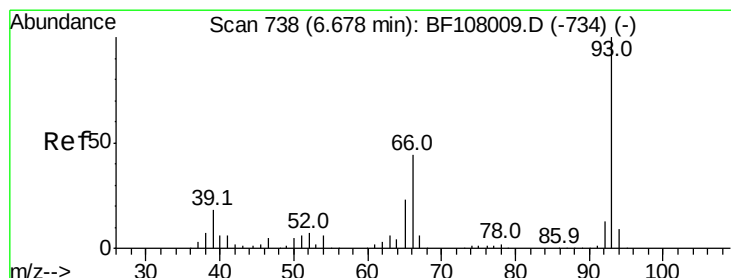
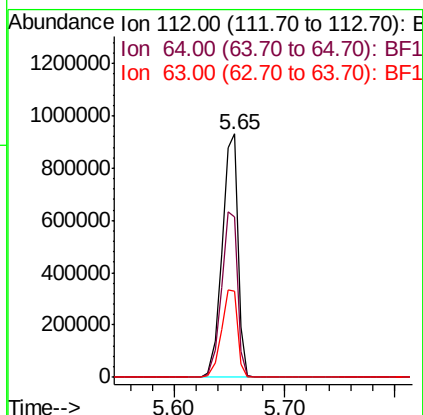
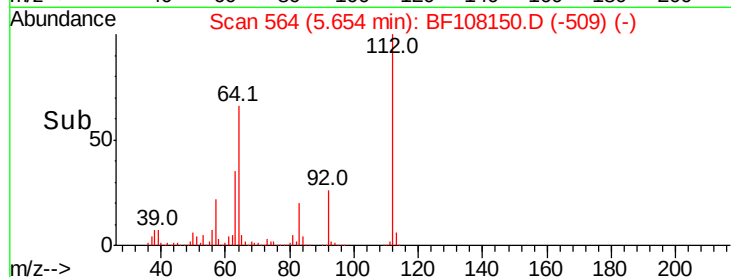
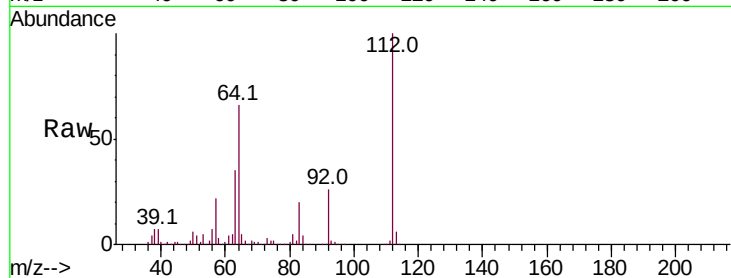
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	112	Resp:	934205
Ion Ratio	Lower	Upper	
112	100		
64	65.7	47.9	71.9
63	35.2	23.7	35.5

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#6

Aniline

Concen: 20.739 ng

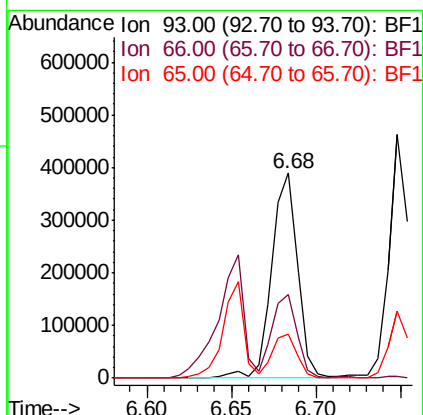
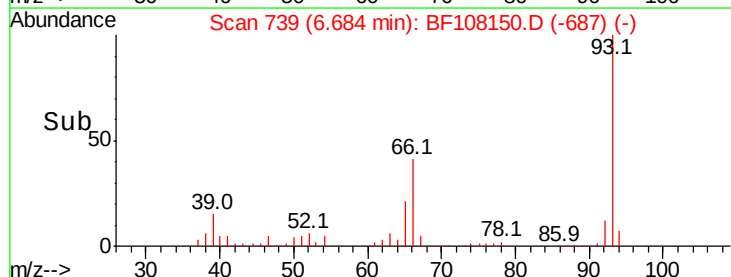
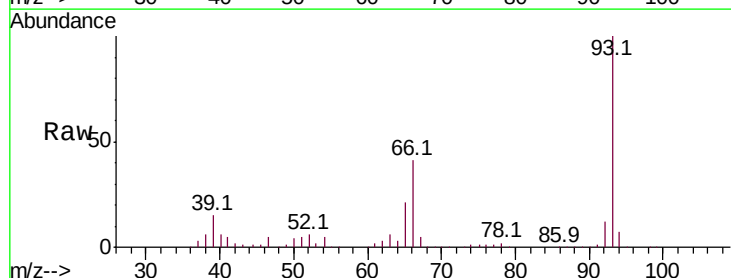
RT: 6.68 min Scan# 739

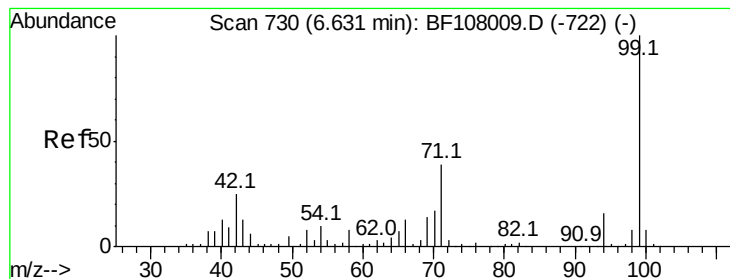
Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	93	Resp:	414179
Ion Ratio	Lower	Upper	
93	100		
66	41.0	32.2	48.2
65	21.5	16.4	24.6





#7

Phenol-d6

Concen: 83.840 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001MSD

Tot Ion: 99 Resp: 1230955

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

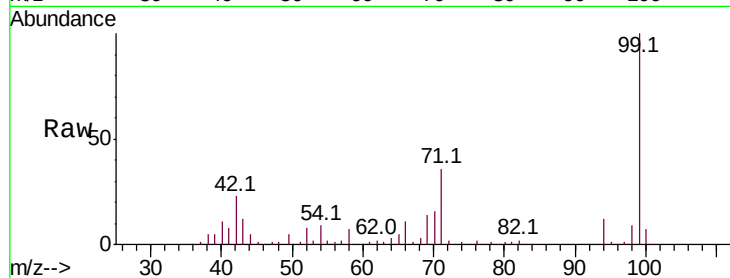
71 36.2 25.4 38.0

Manual Integrations

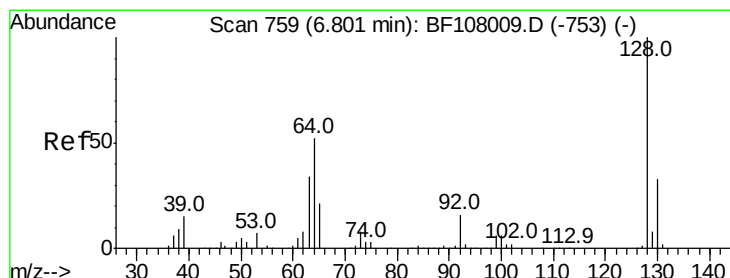
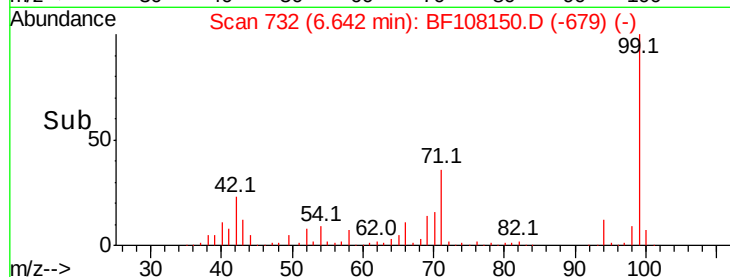
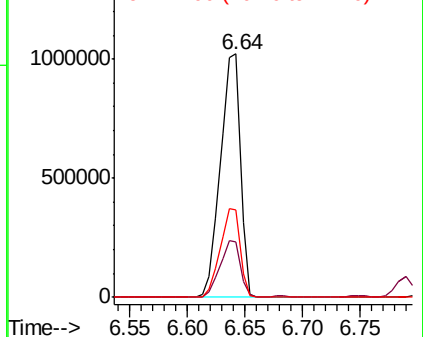
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.723 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

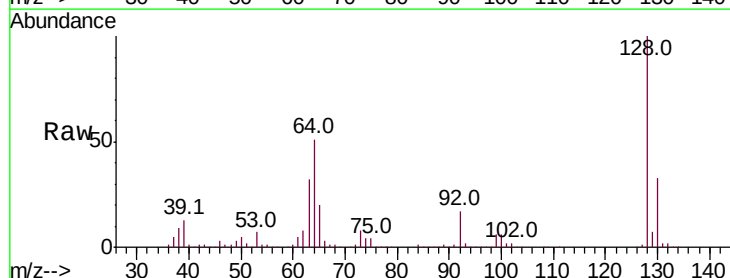
Tgt Ion: 128 Resp: 369865

Ion Ratio Lower Upper

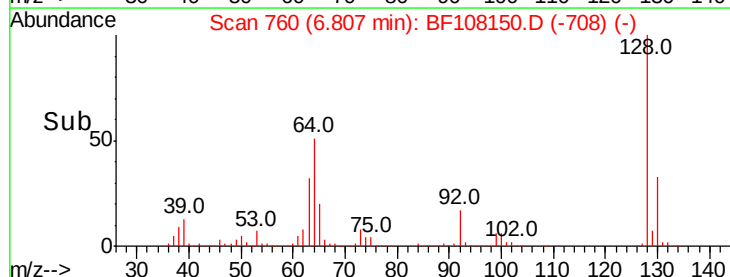
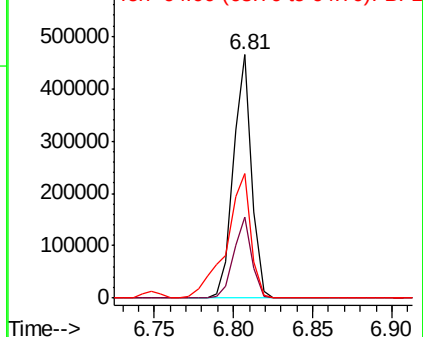
128 100

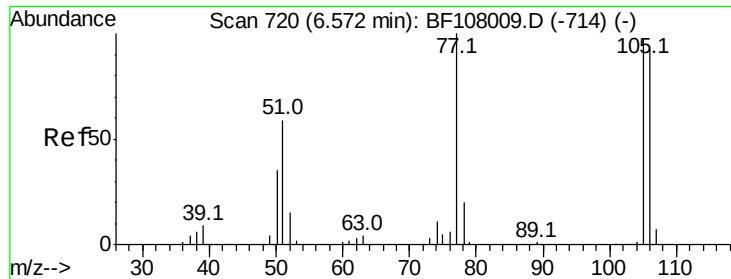
130 33.2 13.0 53.0

64 51.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.291 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

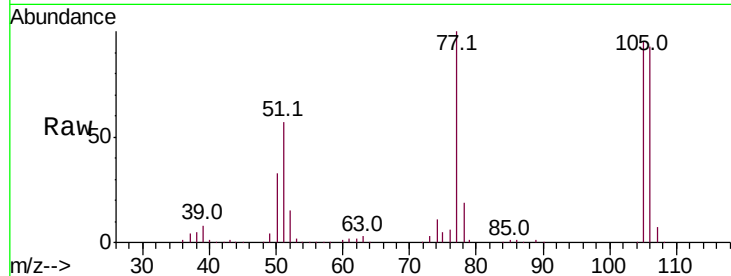
ClientSampleId :

RA-080918-FL-001MSD

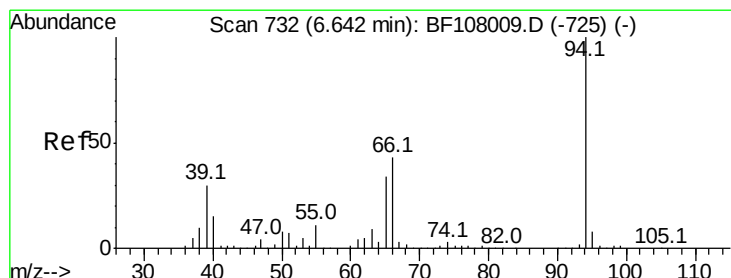
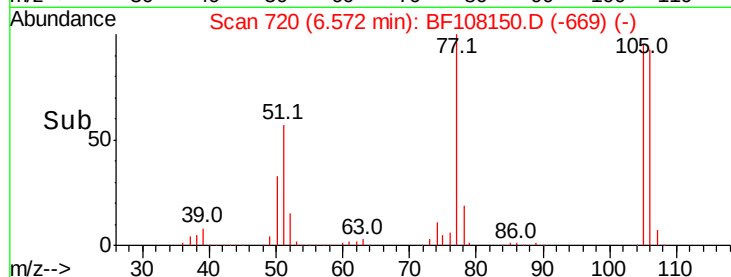
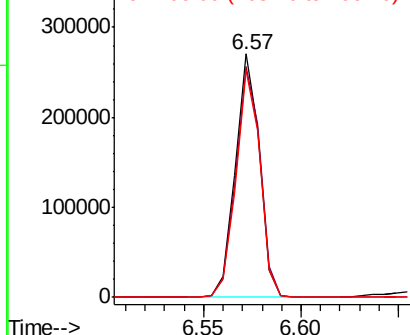
Tot Ion:	77	Resp:	230981
Ion Ratio	Lower	Upper	
77	100		
105	94.7	81.1	121.1
106	93.2	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.387 ng

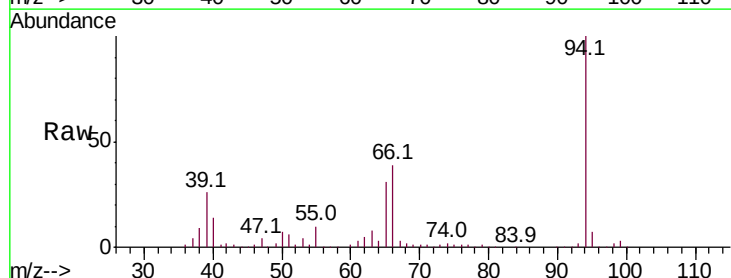
RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

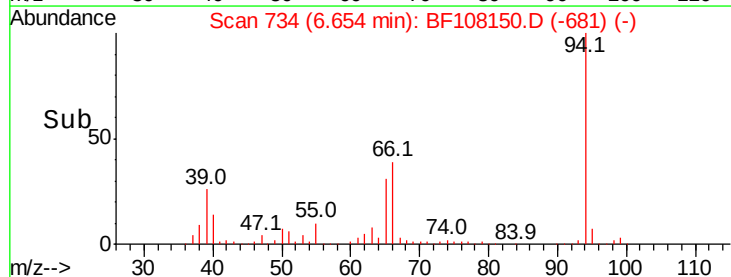
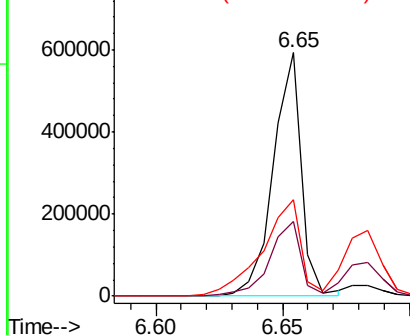
Lab File: BF108150.D

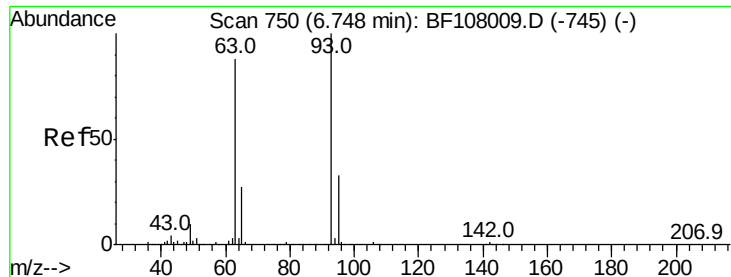
Acq: 14 Aug 2018 17:40

Tgt Ion:	94	Resp:	461491
Ion Ratio	Lower	Upper	
94	100		
65	30.8	7.9	47.9
66	39.5	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





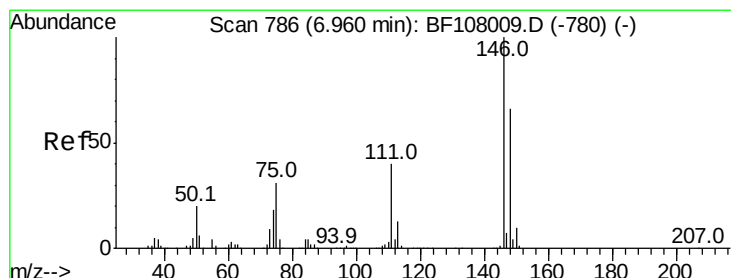
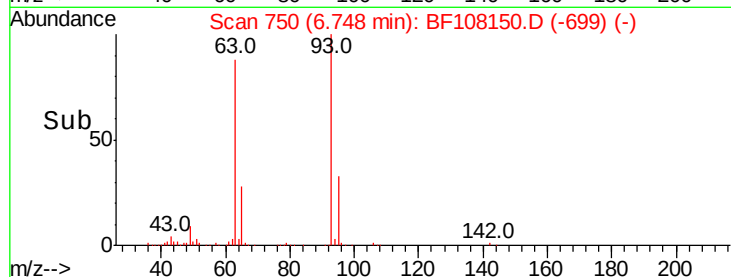
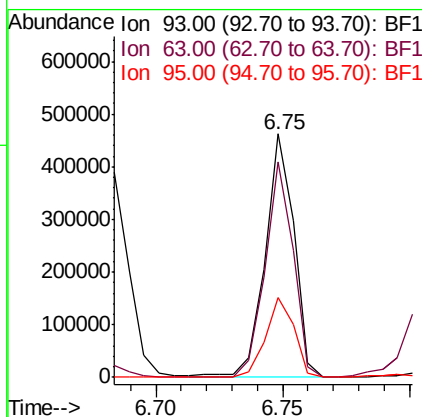
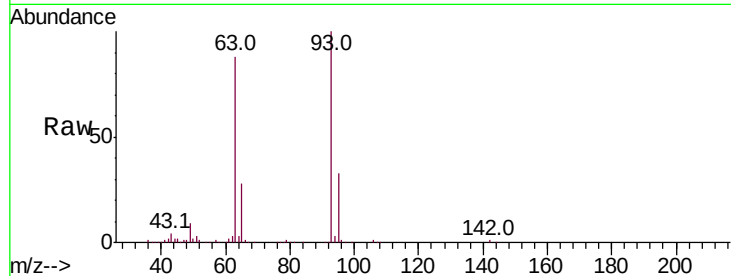
#11
bis(2-Chloroethyl)ether
Concen: 29.928 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	58.6	98.6
95	32.7	11.8	51.8

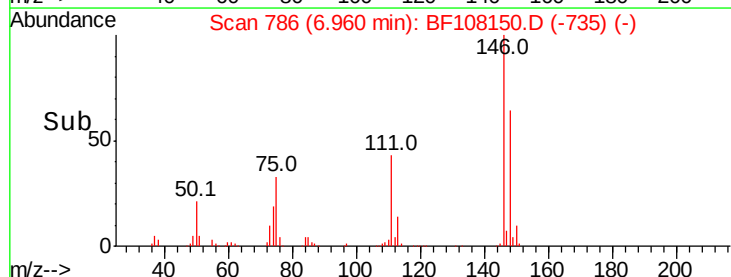
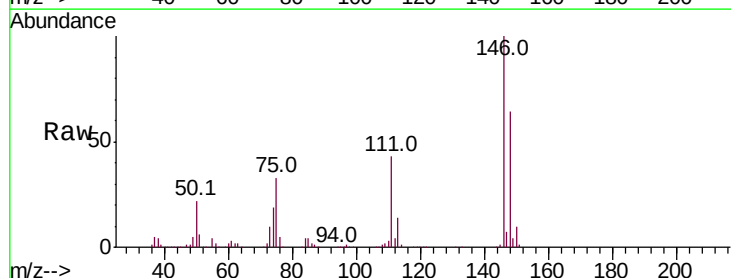
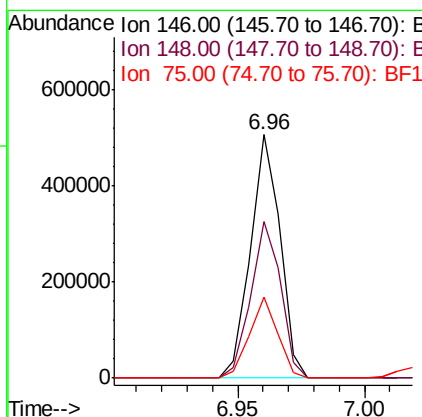
Manual Integrations
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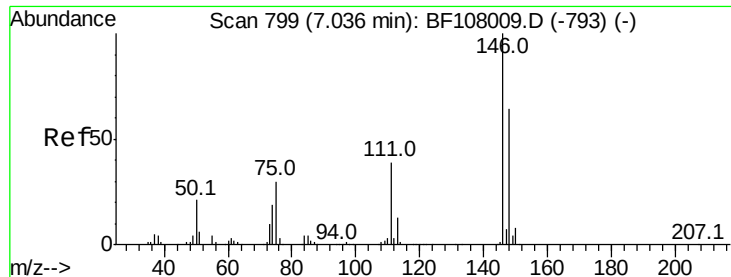
Sohil
8/15/2018 3:38:39 PM



#12
1,3-Dichlorobenzene
Concen: 28.711 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	33.4	24.2	36.4





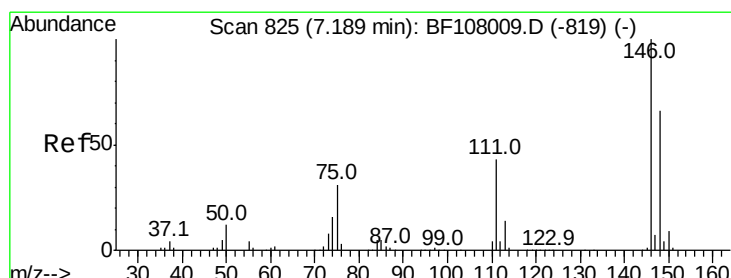
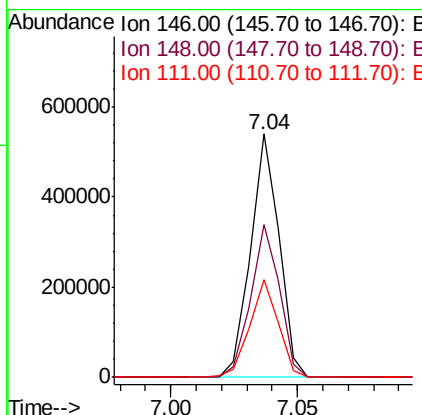
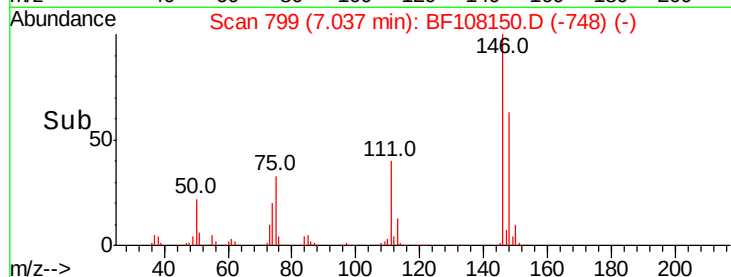
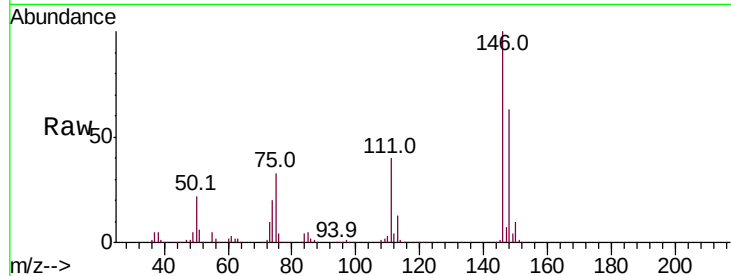
#13
 1,4-Dichlorobenzene
 Concen: 29.279 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	40.0	34.2	51.2

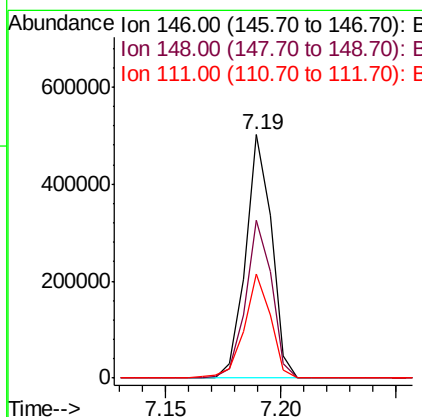
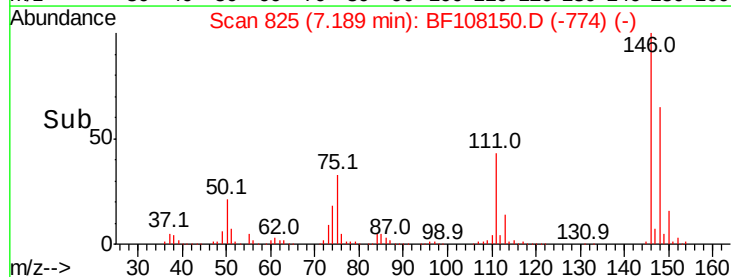
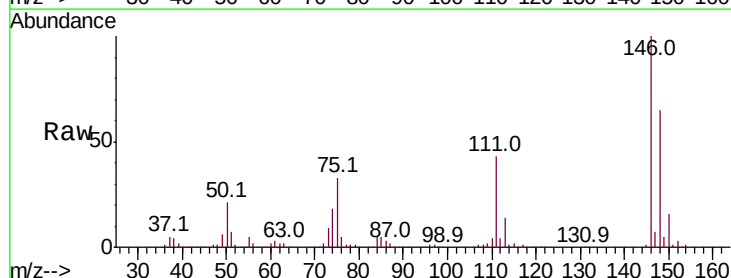
Manual Integrations
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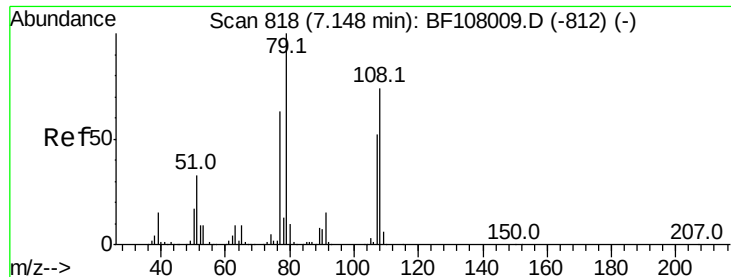
Sohil
 8/15/2018 3:38:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 29.430 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 28.832 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

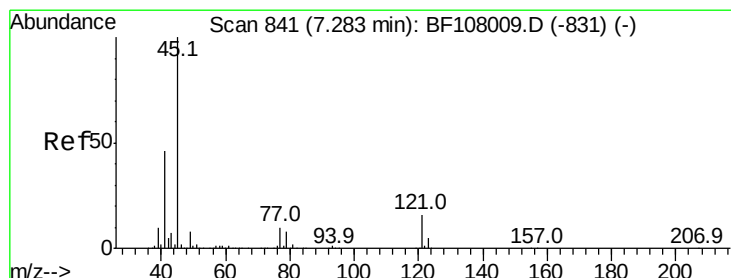
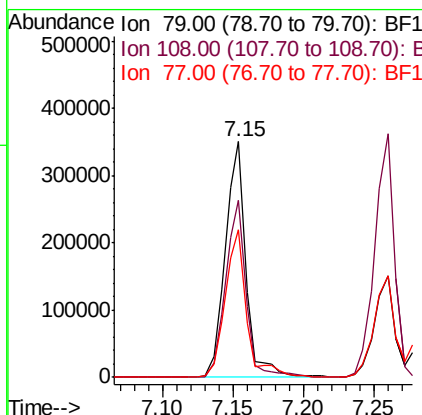
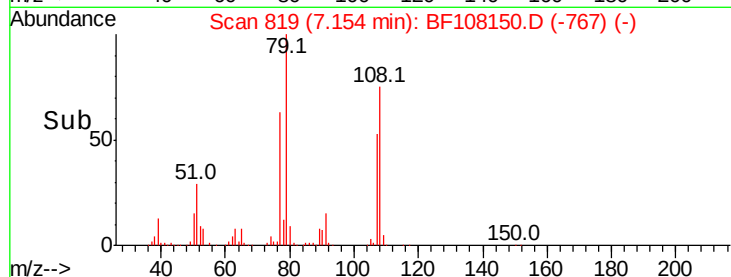
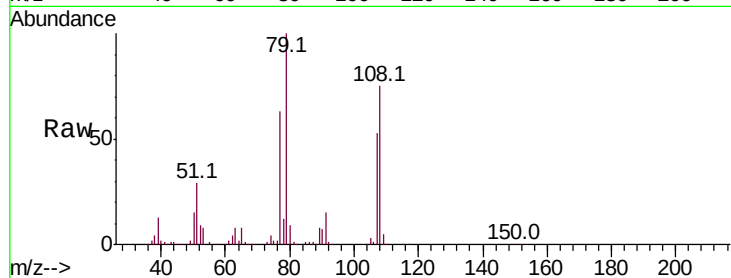
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	79	Resp:	356365
Ion Ratio	Lower	Upper	
79	100		
108	75.2	65.1	97.7
77	62.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.983 ng

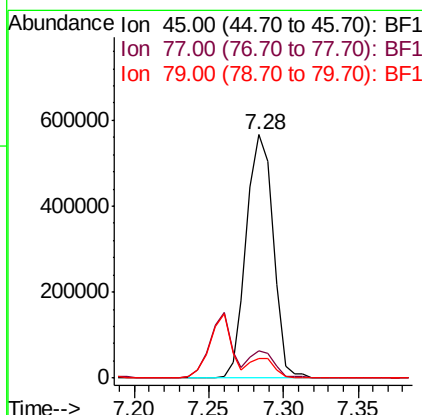
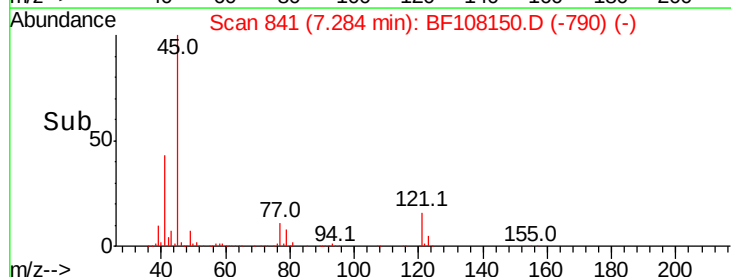
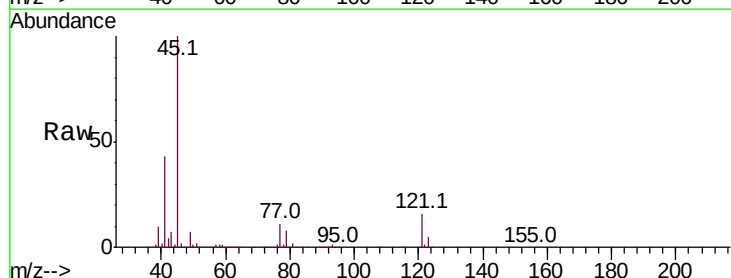
RT: 7.28 min Scan# 841

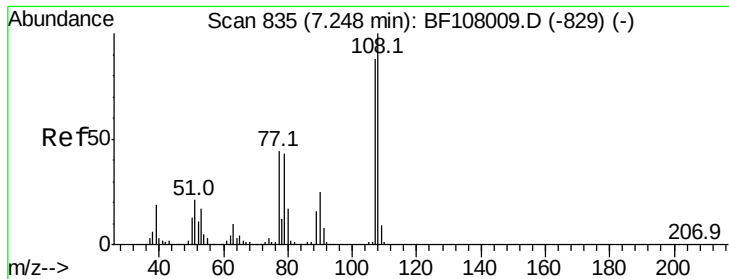
Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	45	Resp:	707803
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	32.9
79	8.2	0.0	29.6





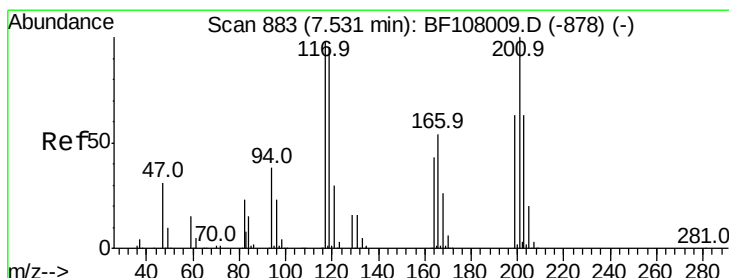
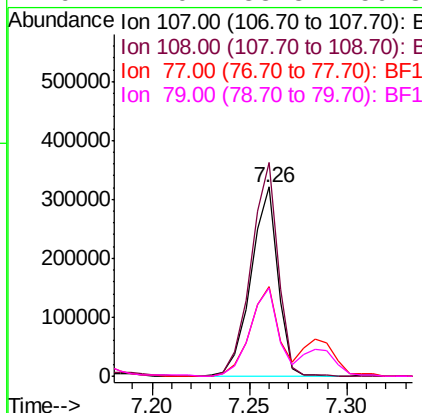
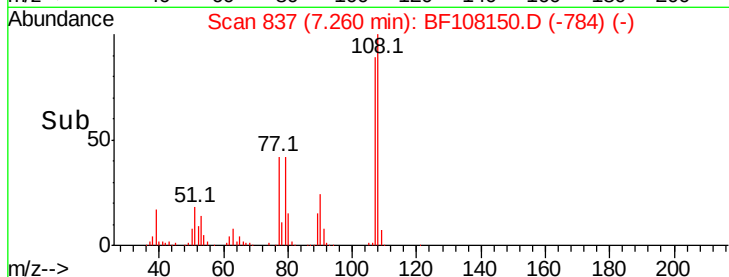
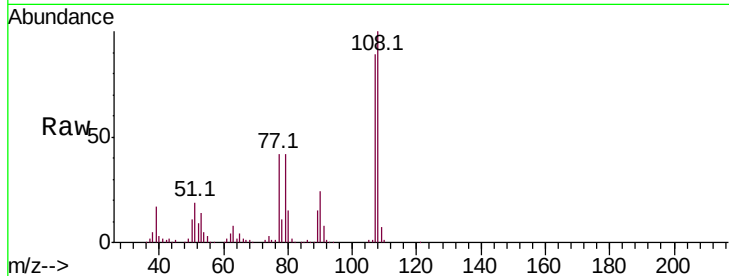
#17
2-Methylphenol
Concen: 28.718 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.7	137.5	
77	47.3	33.8	50.8	
79	47.0	33.8	50.8	

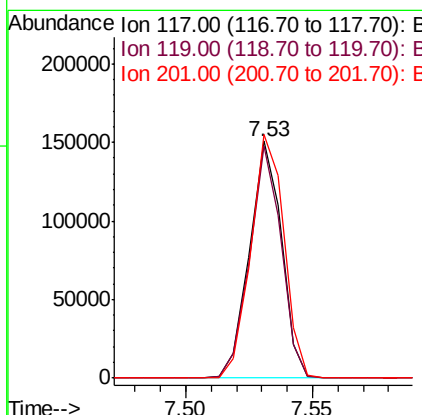
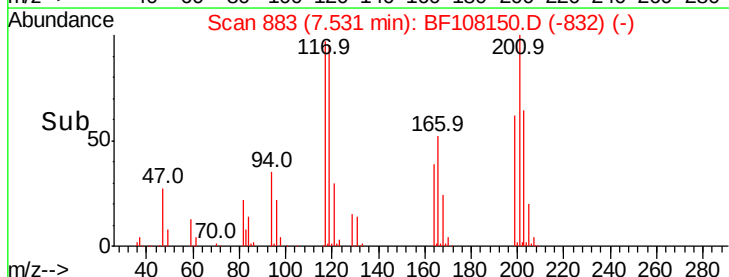
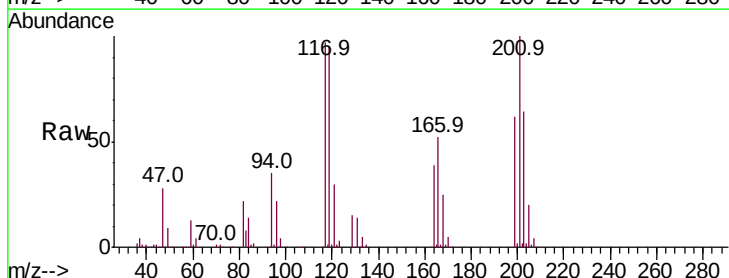
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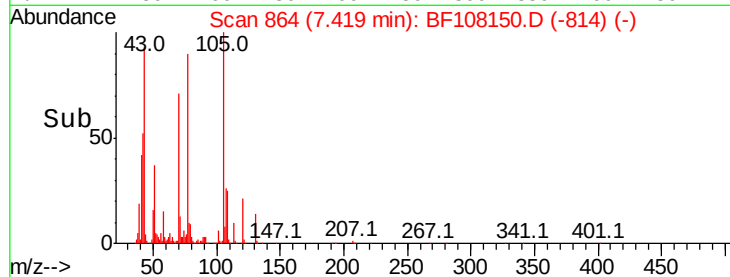
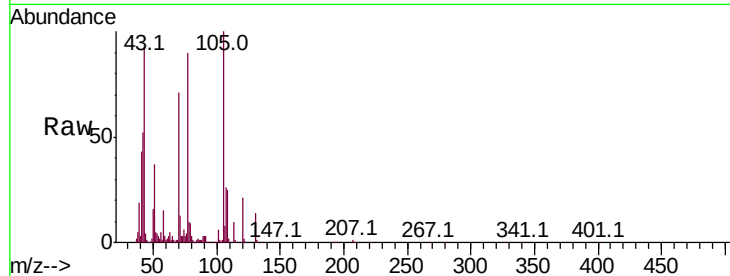
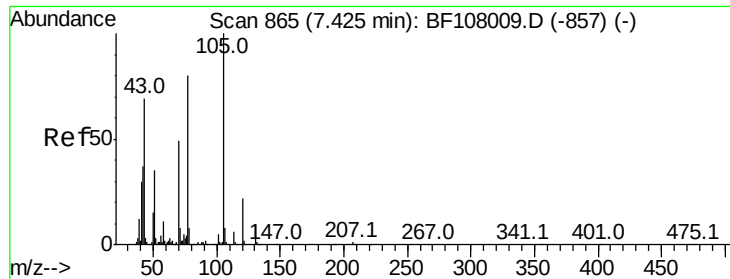
Sohil
8/15/2018 3:38:39 PM



#18
Hexachloroethane
Concen: 25.918 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	75.8	113.8	
201	102.9	75.7	113.5	





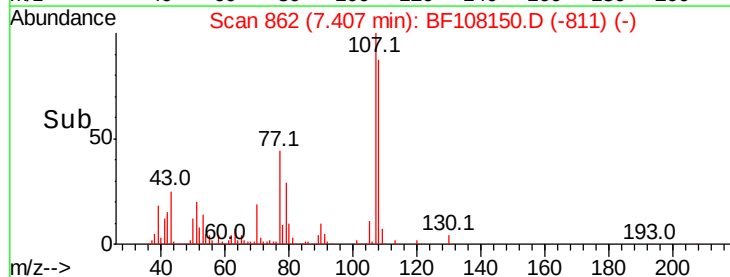
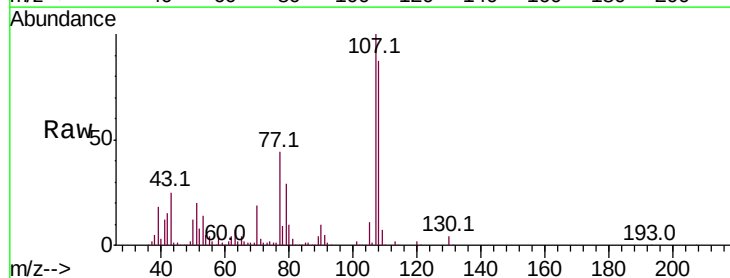
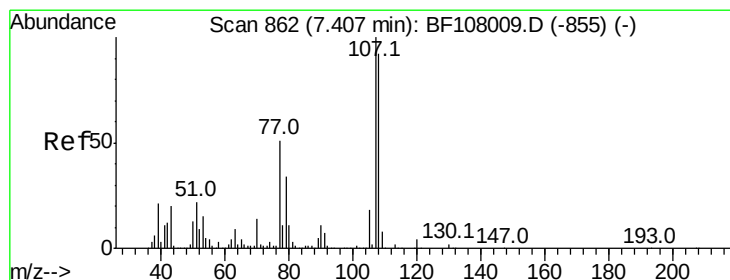
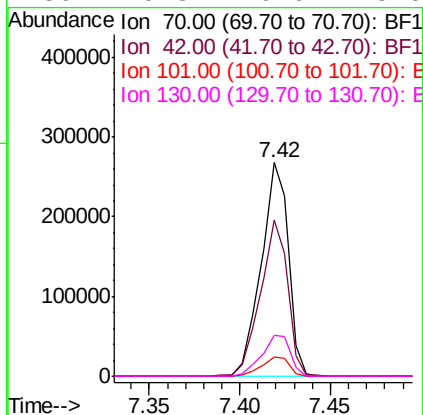
#19
n-Nitroso-di-n-propylamine
Concen: 28.130 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.1	47.5	71.3#	
101	8.8	7.4	11.2	
130	19.3	16.6	25.0	

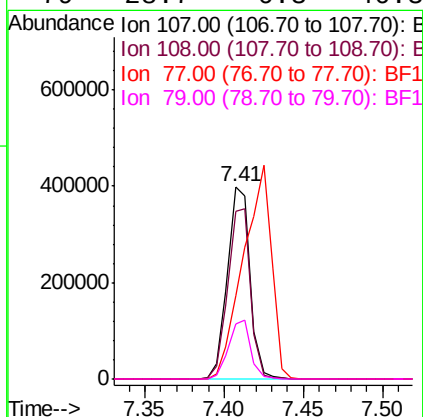
Manual Integrations
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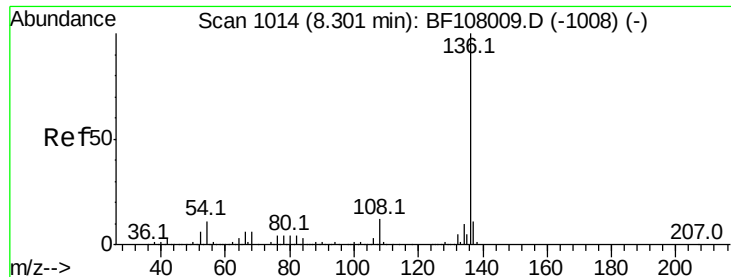
Sohil
8/15/2018 3:38:39 PM



#20
3+4-Methylphenols
Concen: 28.646 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	68.2	108.2	
77	43.6	26.7	66.7	
79	28.7	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

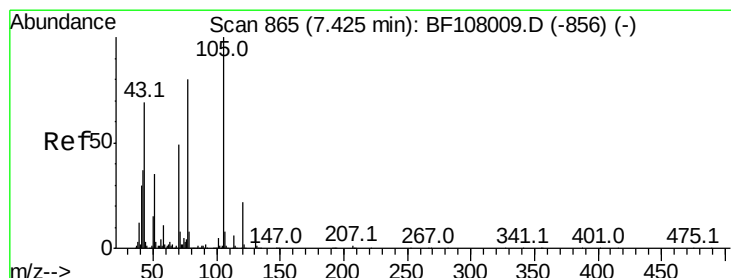
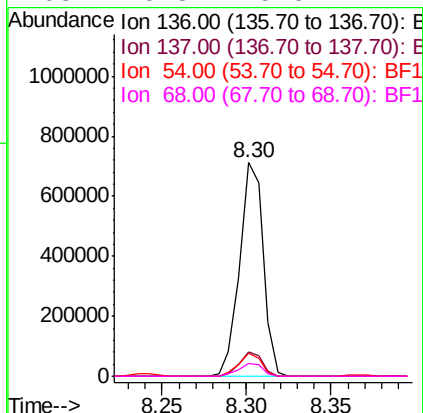
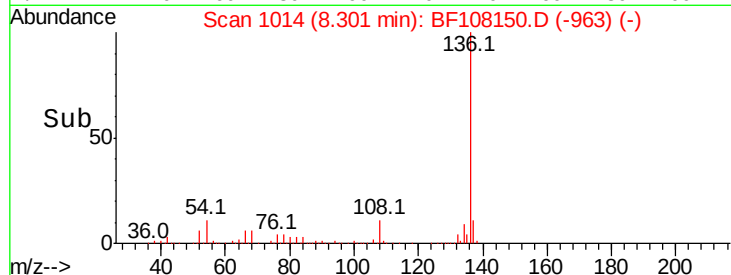
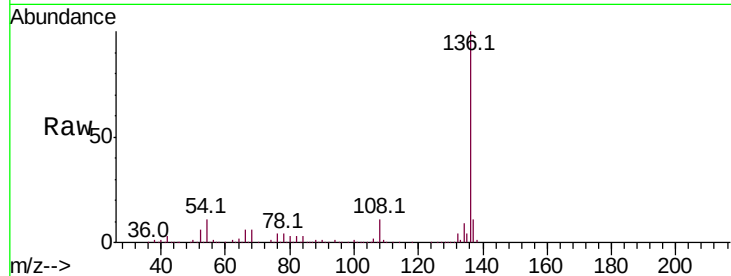
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	694622		
137	11.4	8.9	13.3	
54	10.7	6.6	9.8	
68	6.3	5.0	7.4	

Manual Integrations
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8/15/2018 3:38:39 PM



#22

Acetophenone

Concen: 32.521 ng

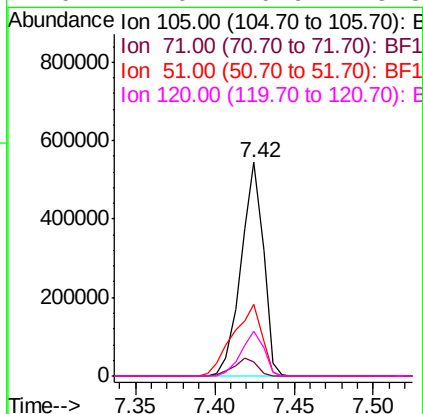
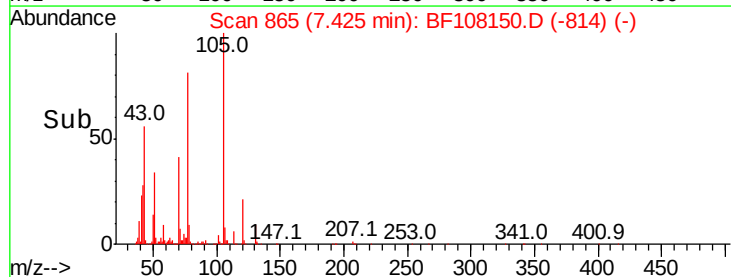
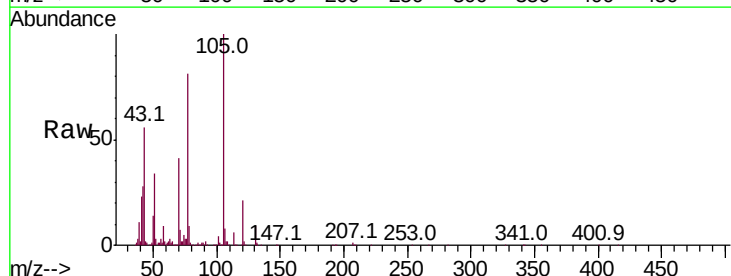
RT: 7.42 min Scan# 865

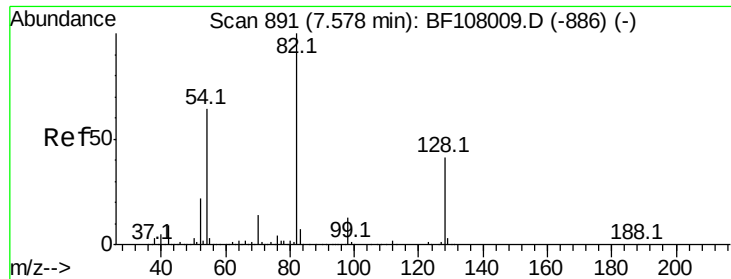
Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	528205		
71	6.6	4.4	6.6	
51	33.7	22.3	33.5	
120	21.0	16.9	25.3	





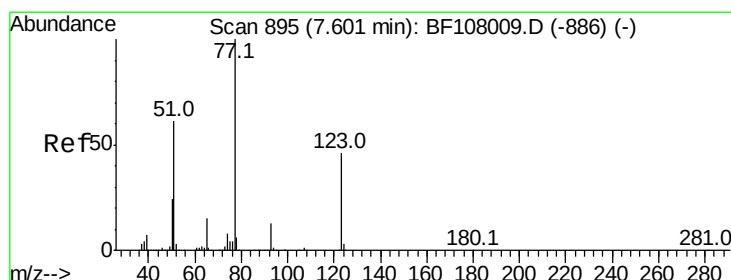
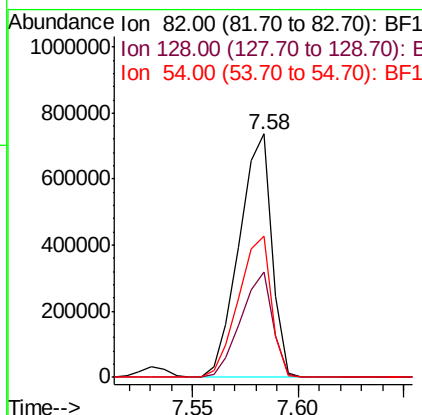
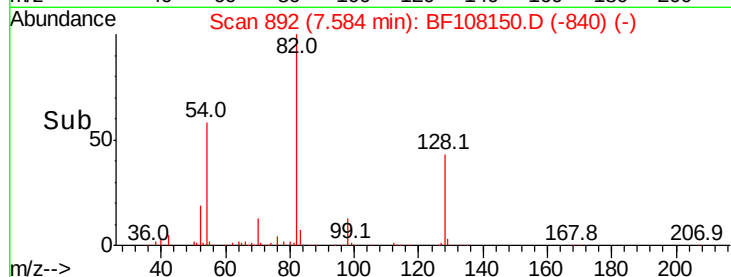
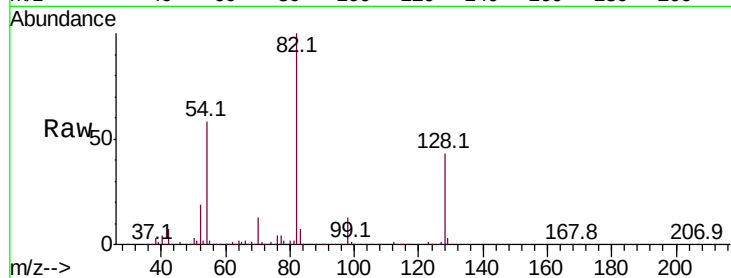
#23
 Nitrobenzene-d5
 Concen: 63.527 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	58.1	41.4	62.2

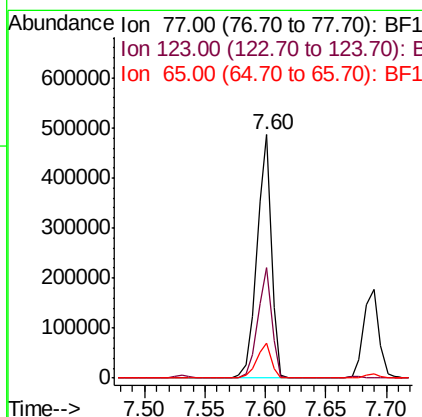
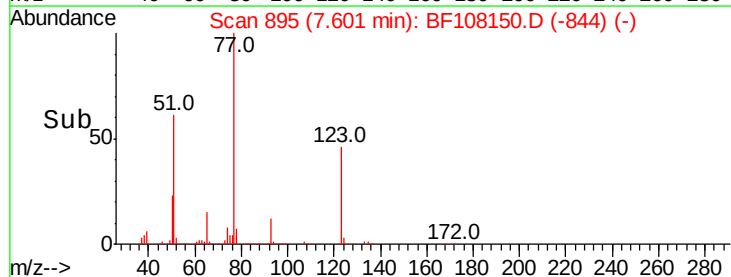
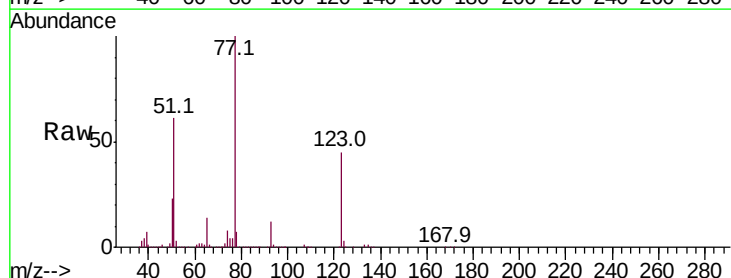
Manual Integrations
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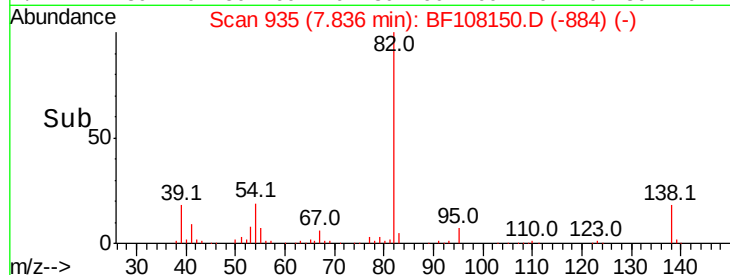
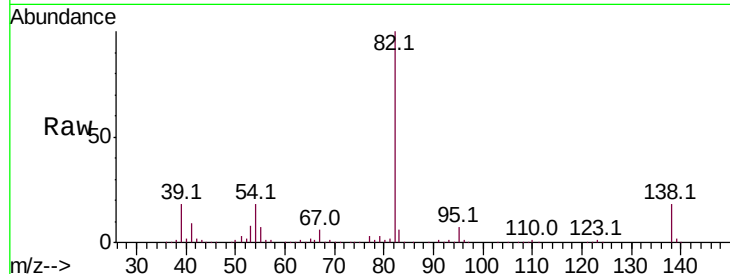
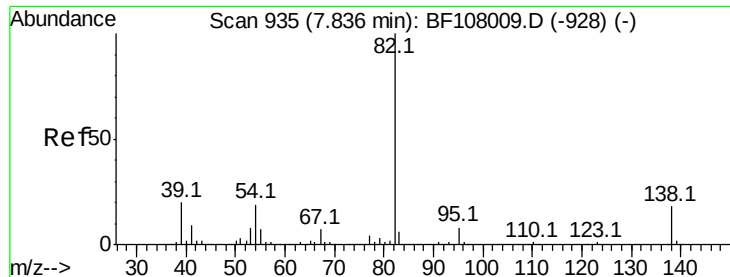
Sohil
 8/15/2018 3:38:39 PM



#24
 Nitrobenzene
 Concen: 32.317 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.9	56.9
65	14.4	11.0	16.4





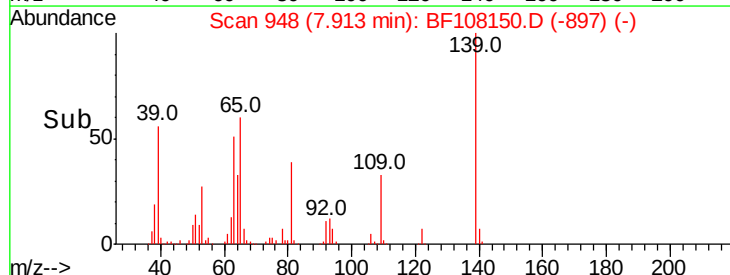
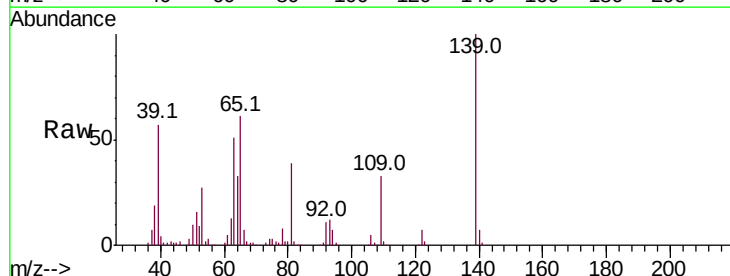
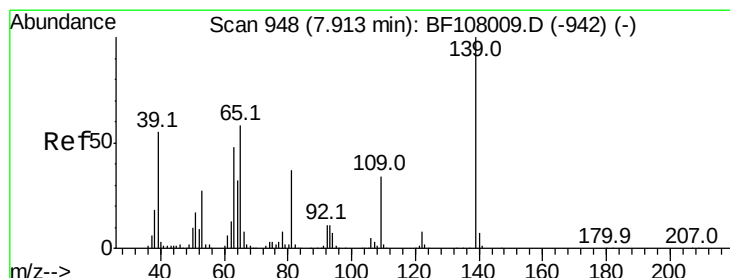
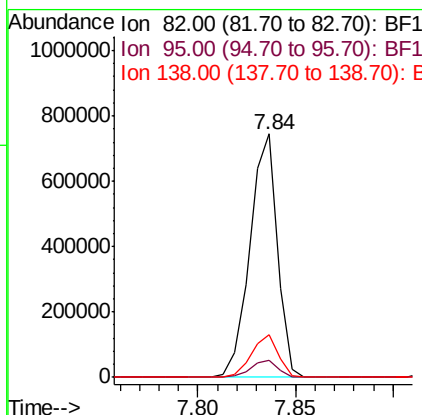
#25
Isophorone
Concen: 30.538 ng
RT: 7.84 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tot Ion	82	Resp	724574
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.6	14.9	22.3

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

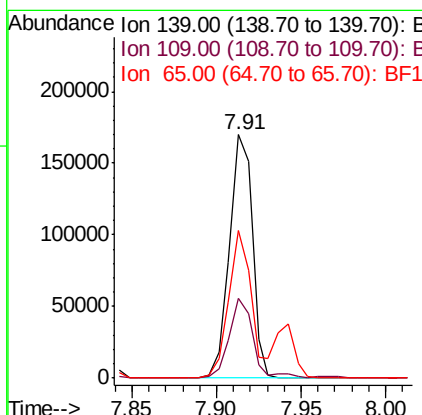
Manual Integrations
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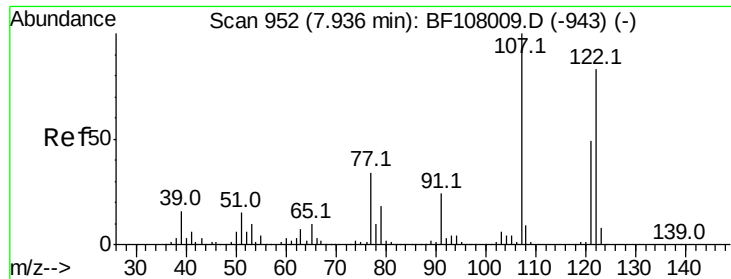
Sohil
8/15/2018 3:38:39 PM



#26
2-Nitrophenol
Concen: 33.644 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	139	Resp	159935
Ion Ratio	Lower	Upper	
139	100		
109	32.7	22.7	34.1
65	60.9	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 31.128 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

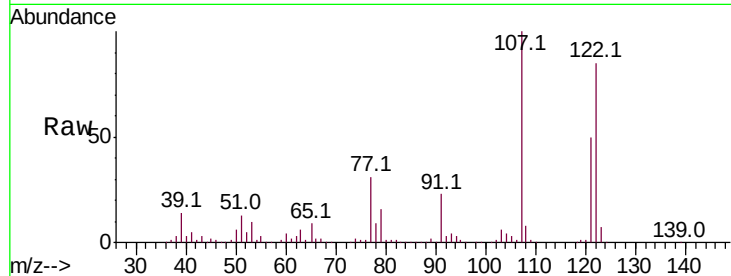
ClientSampleId :

RA-080918-FL-001MSD

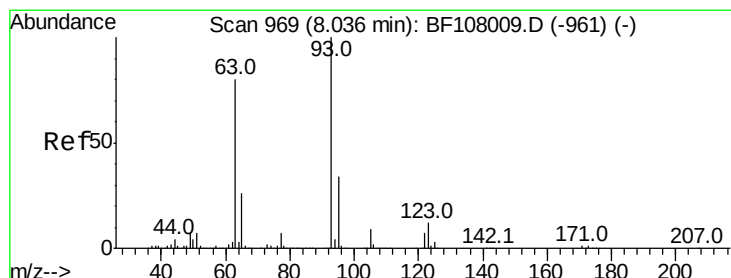
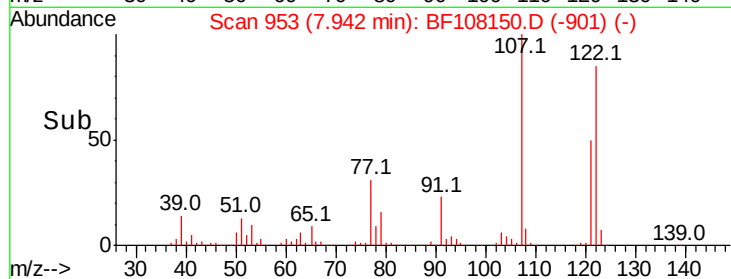
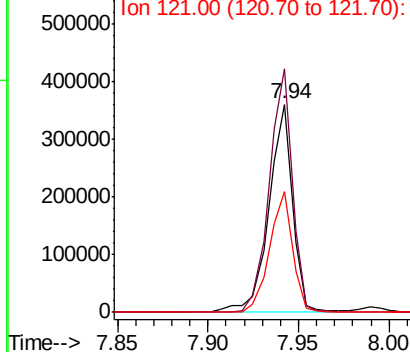
Tot Ion:	122	Resp:	327797
Ion Ratio	Lower	Upper	
122	100		
107	117.1	91.2	136.8
121	58.0	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.532 ng

RT: 8.04 min Scan# 969

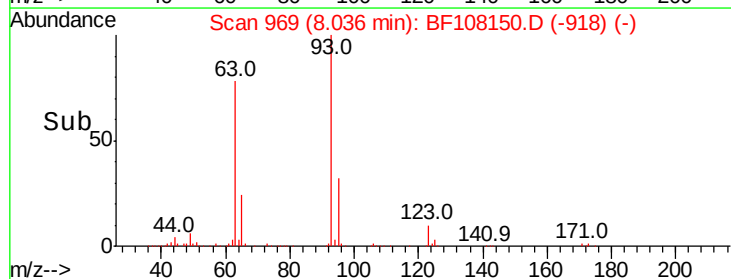
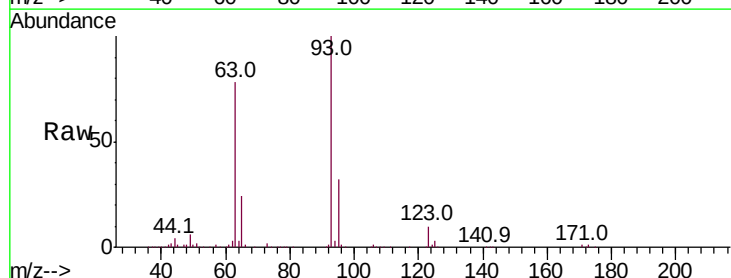
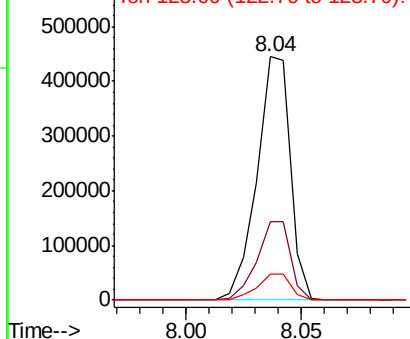
Delta R.T. 0.00 min

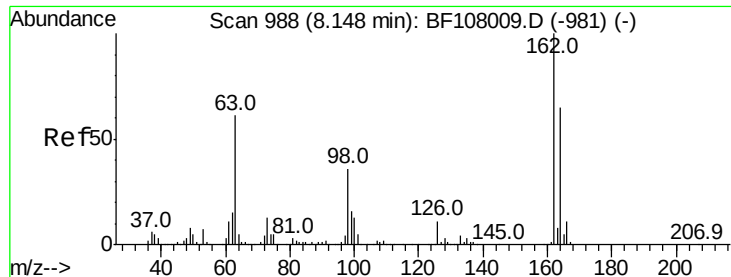
Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	93	Resp:	450597
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	10.5	9.8	14.6

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





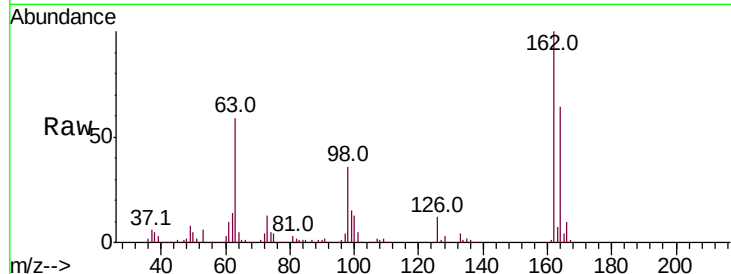
#29
 2,4-Dichlorophenol
 Concen: 31.090 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

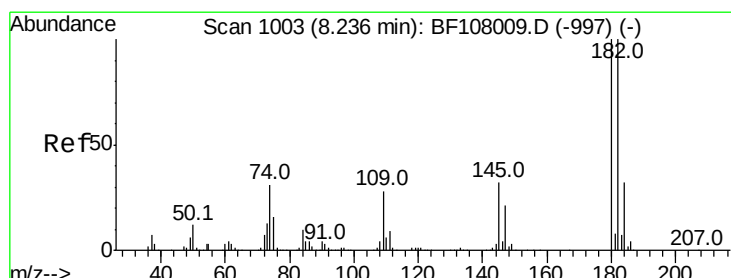
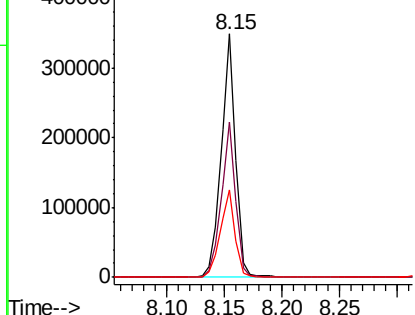
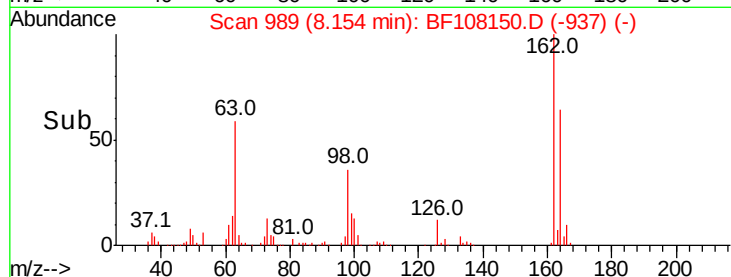
Tot Ion:	162	Resp:	301290
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	36.2	18.1	58.1

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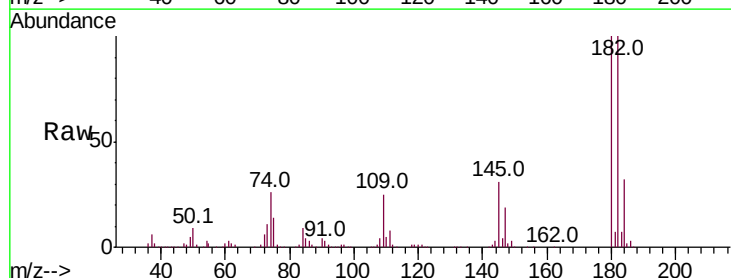


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

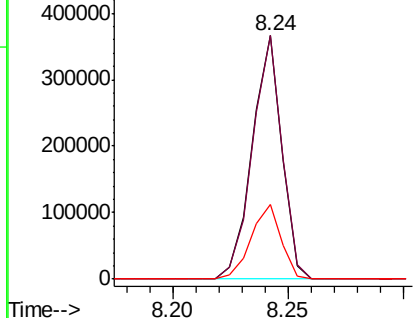
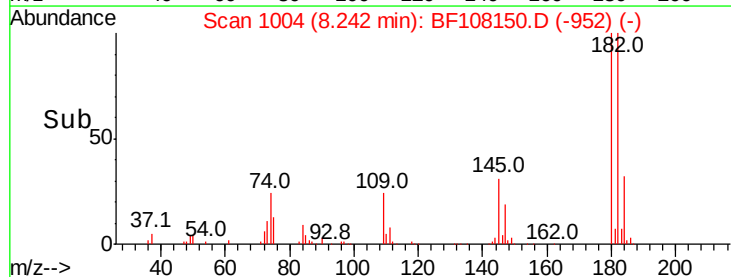


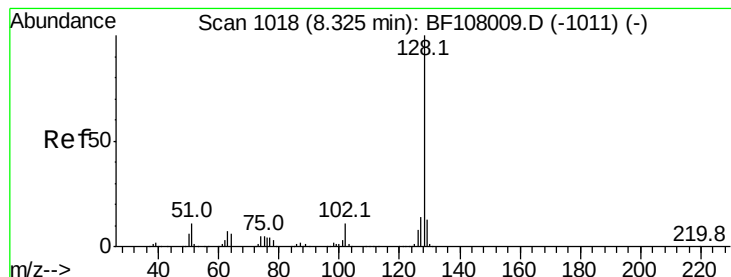
#30
 1,2,4-Trichlorobenzene
 Concen: 30.790 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion:	180	Resp:	328972
Ion Ratio	Lower	Upper	
180	100		
182	100.0	76.8	115.2
145	30.9	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: 31.902 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

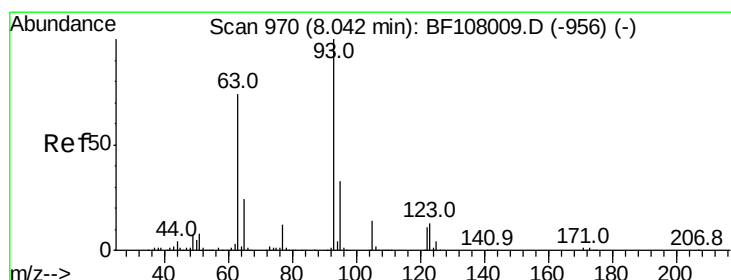
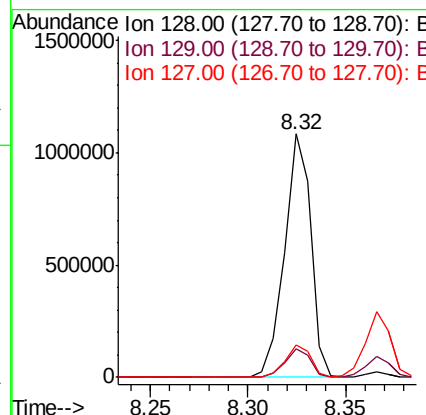
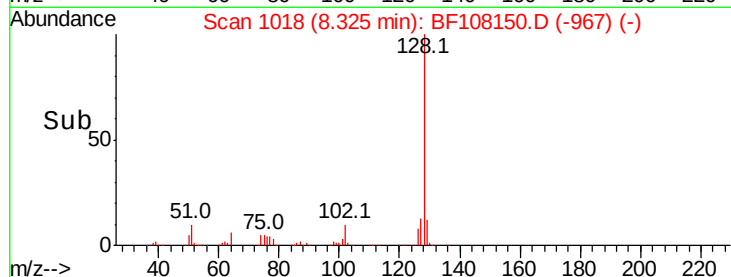
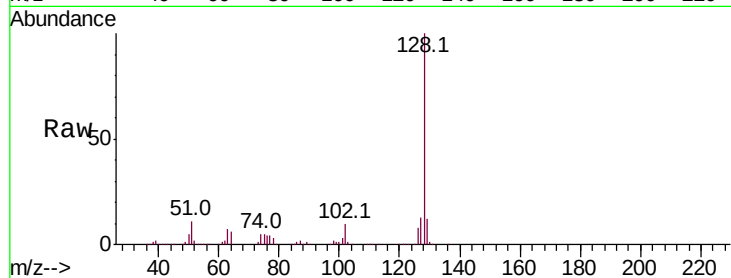
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	128	Resp:	1007792
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	13.3	10.9	16.3

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#32

Benzoic acid

Concen: 52.940 ng

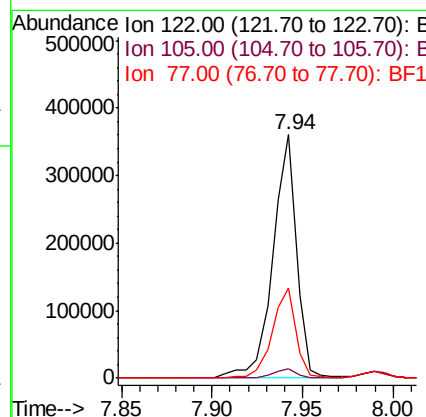
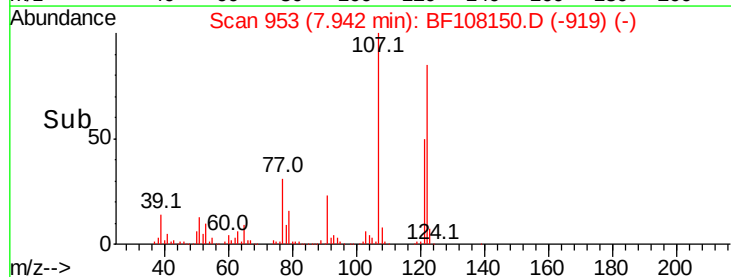
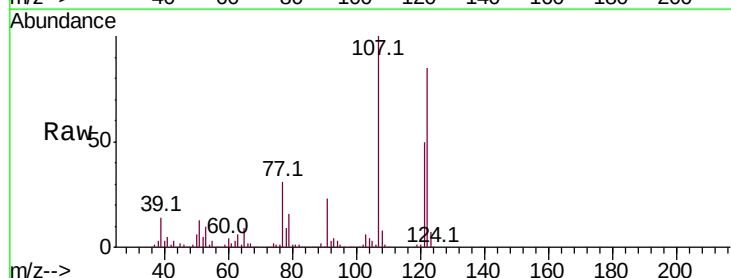
RT: 7.94 min Scan# 953

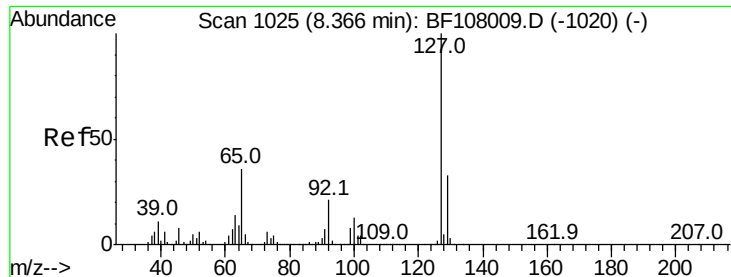
Delta R.T. -0.10 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	122	Resp:	327797
Ion Ratio	Lower	Upper	
122	100		
105	3.7	101.1	141.1#
77	36.7	70.7	110.7#





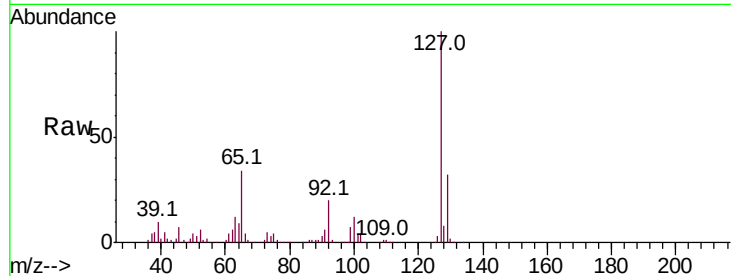
#33
4-Chloroaniline
Concen: 19.260 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.9	38.9	
65	33.7	25.0	37.4	
92	19.6	15.2	22.8	

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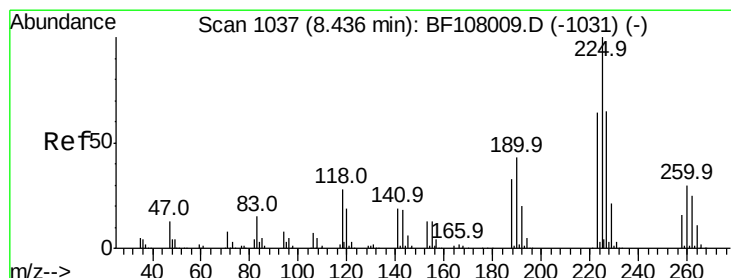
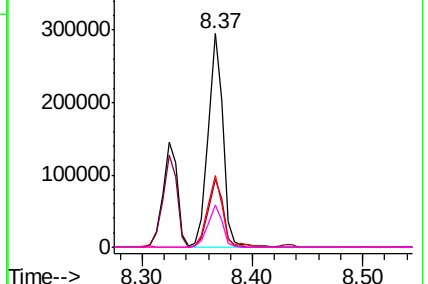
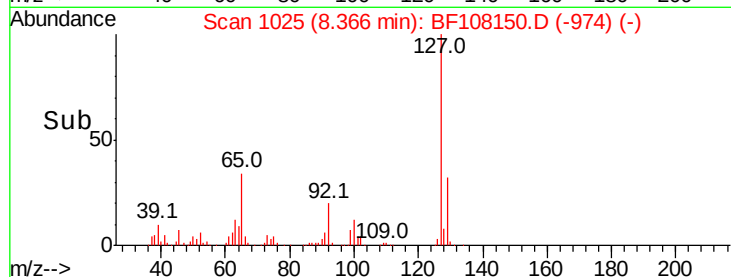
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

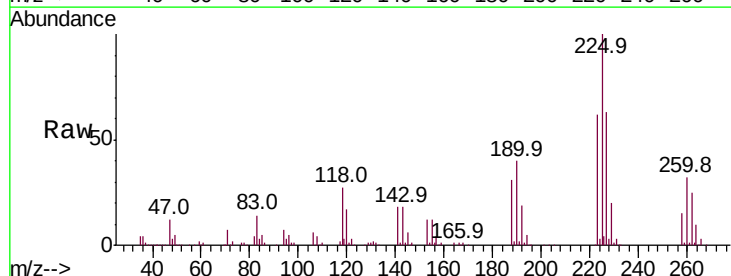
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 31.848 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	63.3	51.9	77.9	

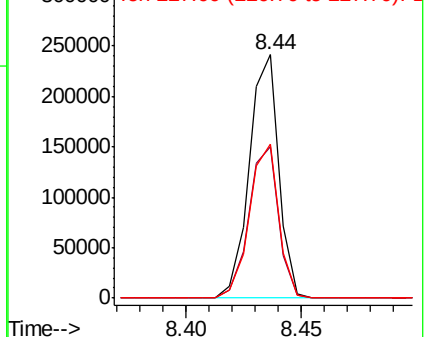
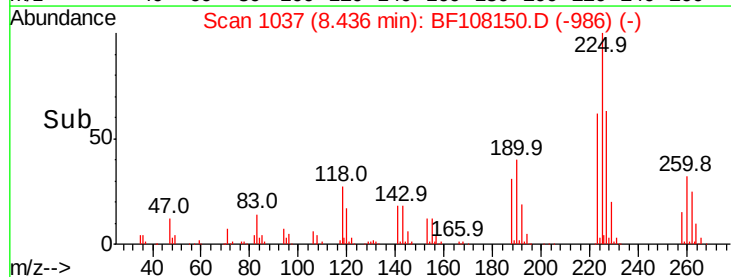


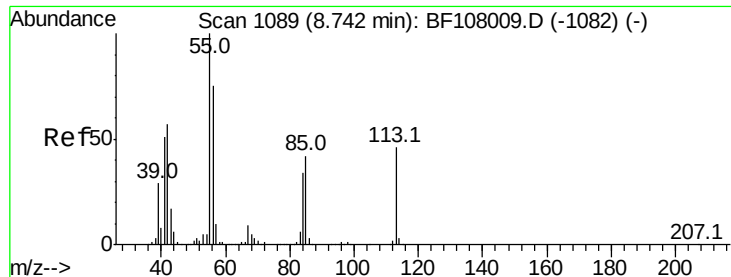
Abundance

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: 26.721 ng/ml

RT: 8.72 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

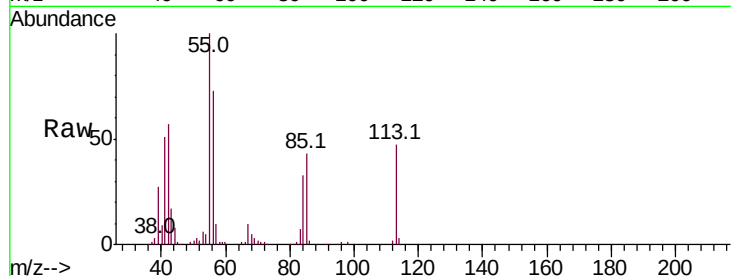
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.7	163.3	203.3#
56	155.1	115.7	155.7

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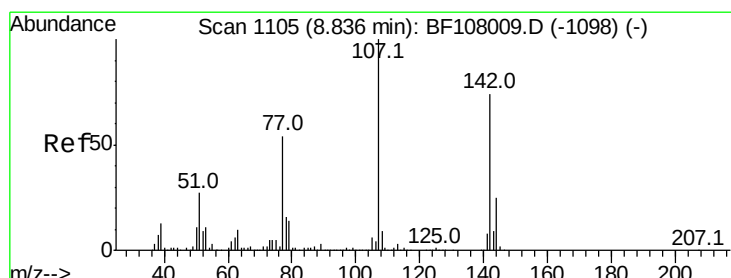
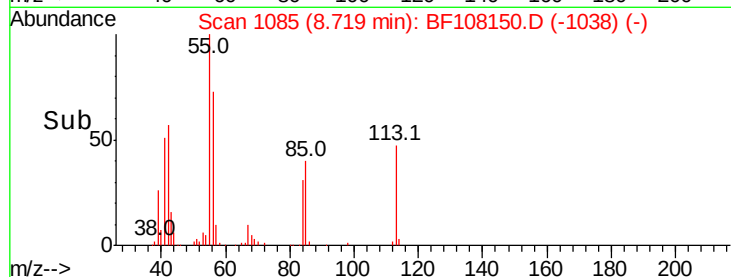
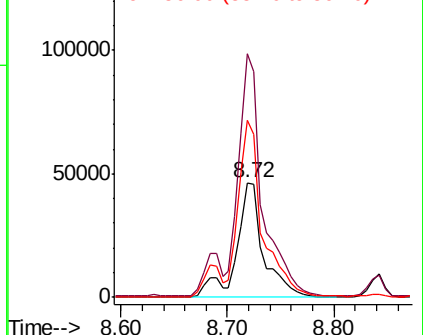


Abundance

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: 28.003 ng/ml

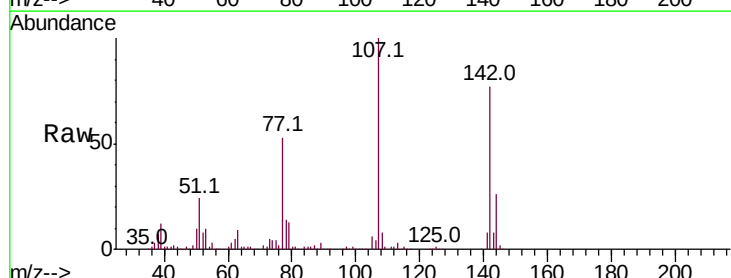
RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	77.0	62.0	93.0

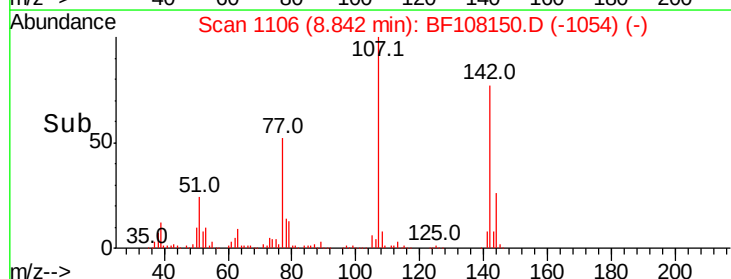
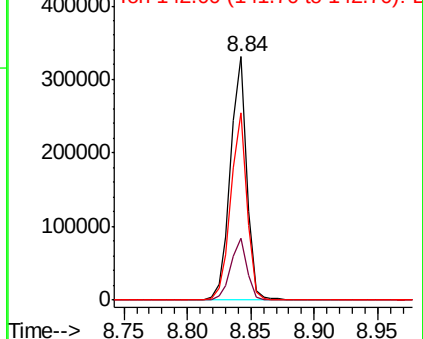


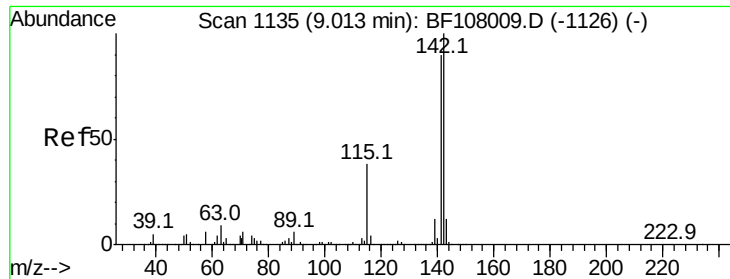
Abundance

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





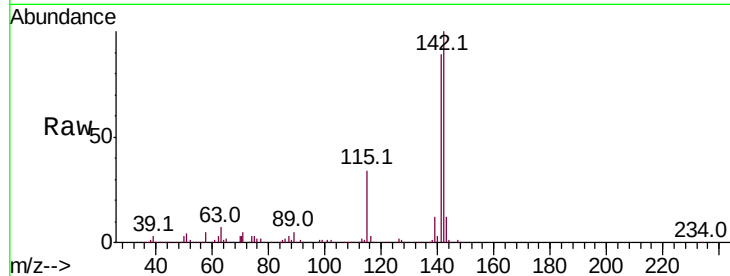
#37
2-Methylnaphthalene
Concen: 29.159 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	34.5	26.1	39.1

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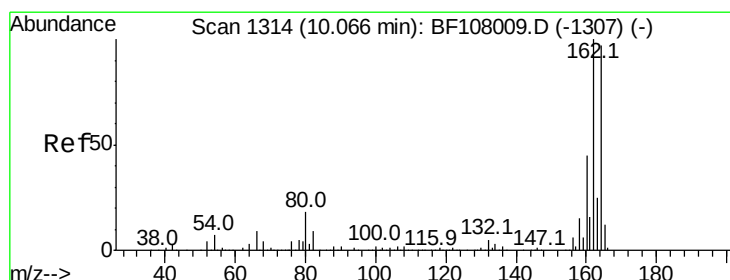
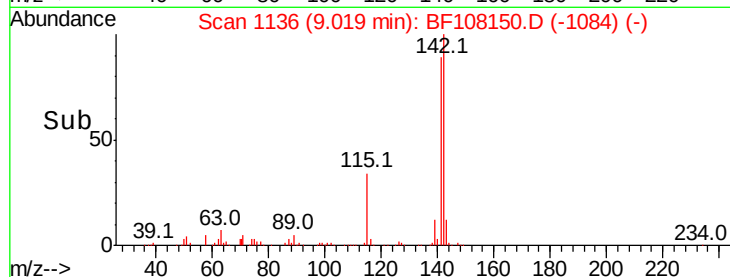
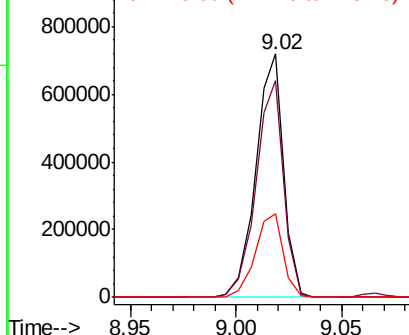


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

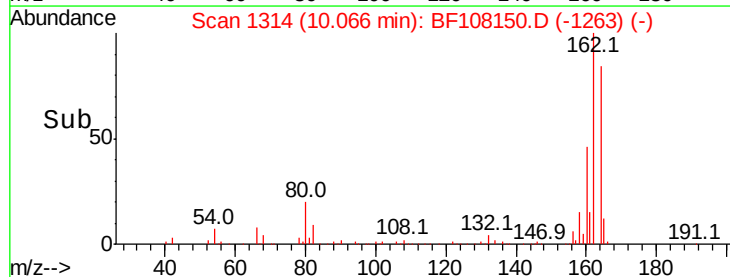
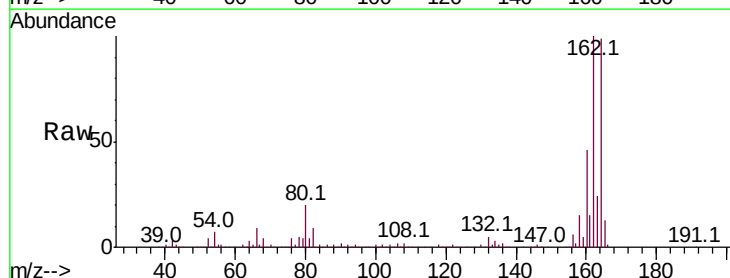
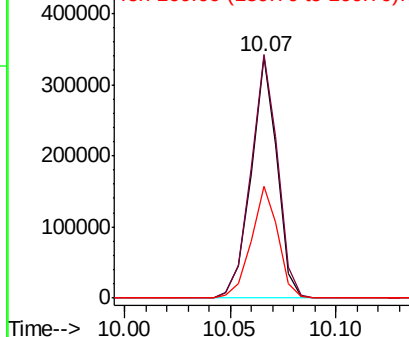
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.1	38.3	57.5

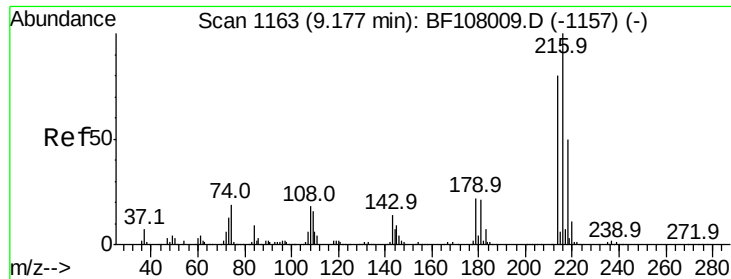
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





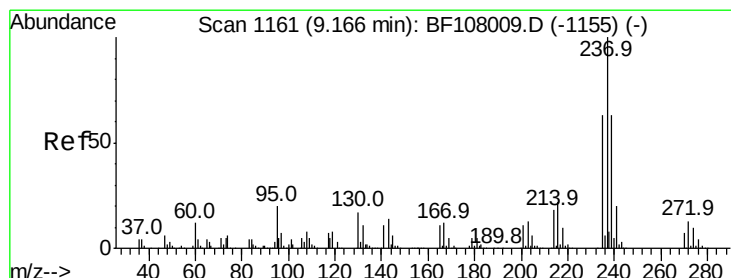
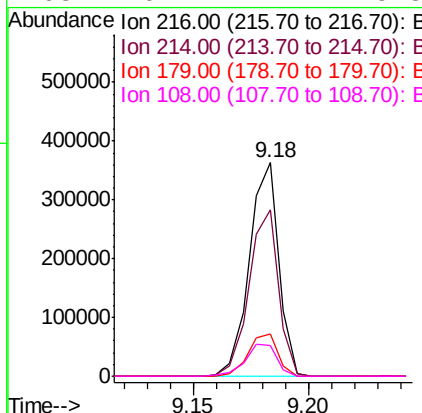
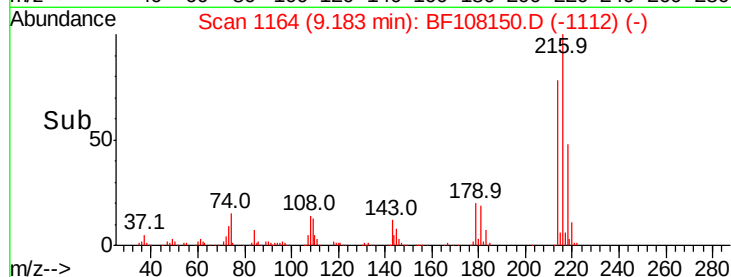
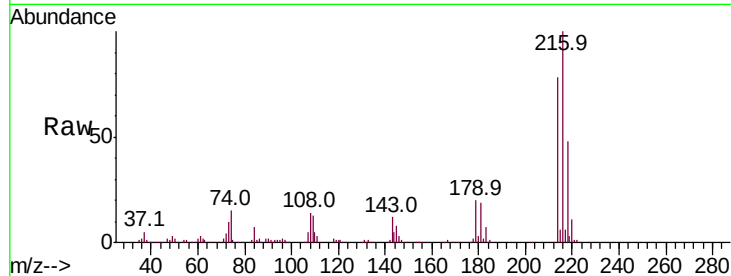
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.539 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.2	18.1	27.1
108	16.7	17.2	25.8#

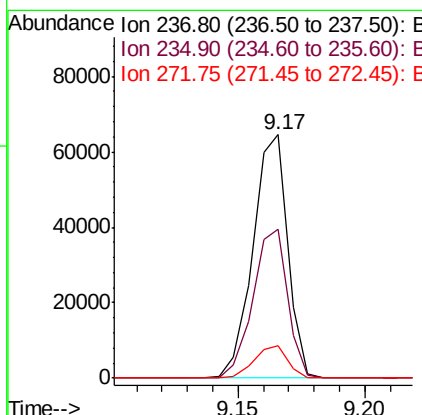
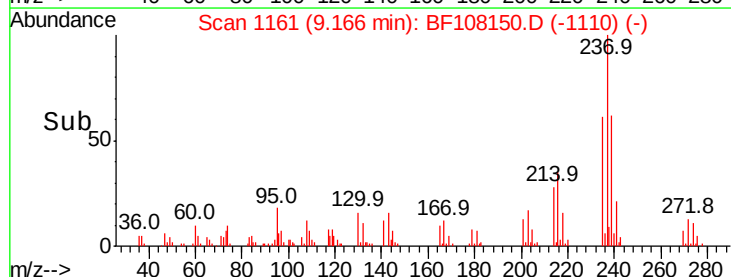
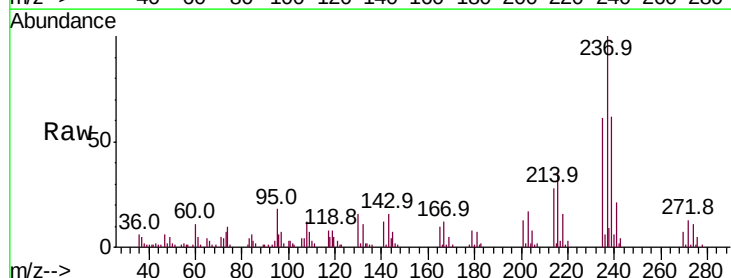
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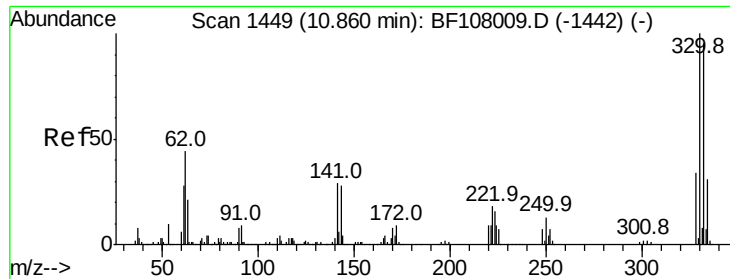
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#40
 Hexachlorocyclopentadiene
 Concen: 10.765 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.0	44.8	84.8
272	13.4	0.0	33.3





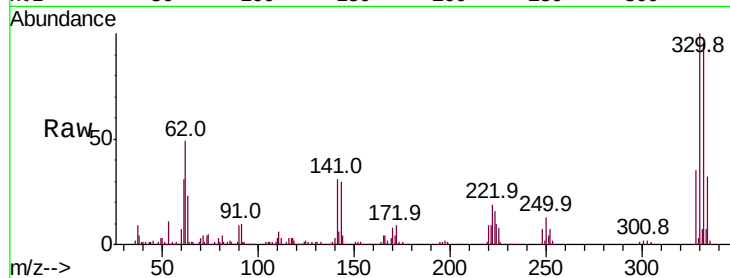
#41
 2,4,6-Tribromophenol
 Concen: 82.523 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

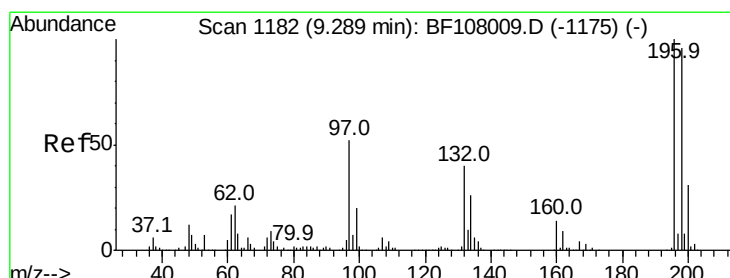
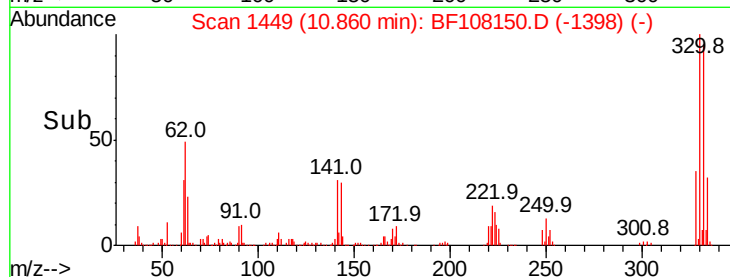
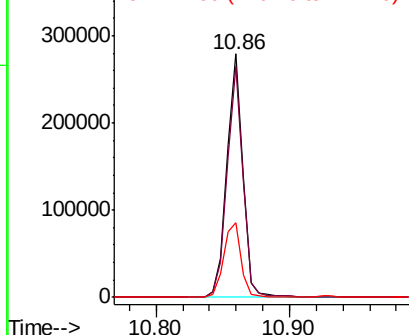
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	77.0	115.6	
141	33.3	29.9	44.9	

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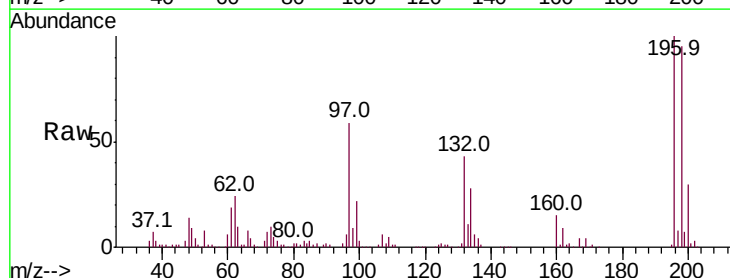


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

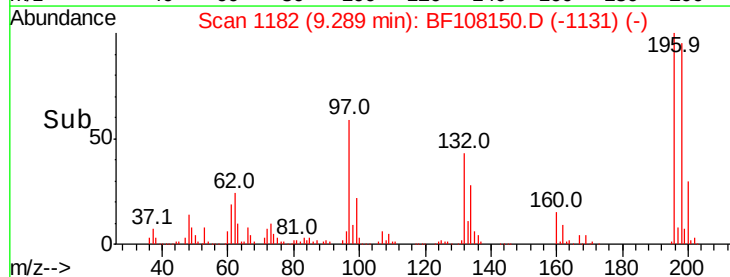
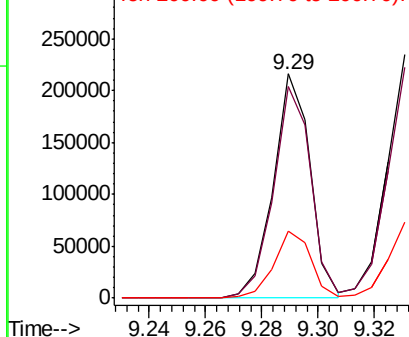


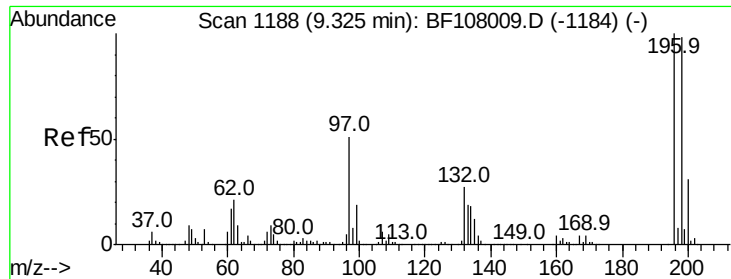
#42
 2,4,6-Trichlorophenol
 Concen: 35.266 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	75.7	113.5	
200	29.8	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





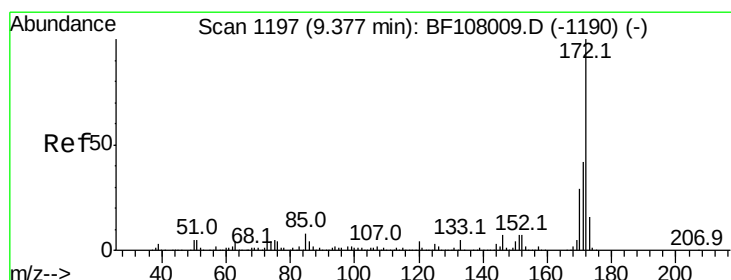
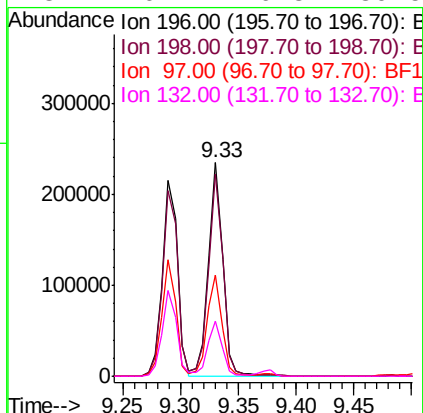
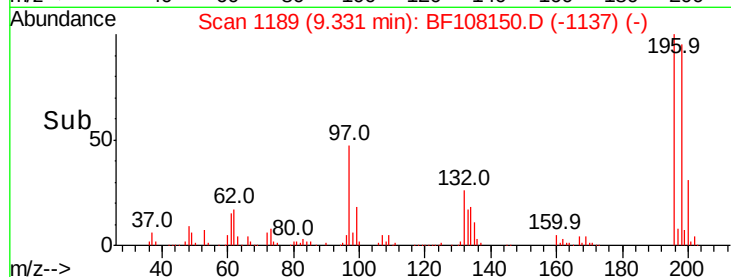
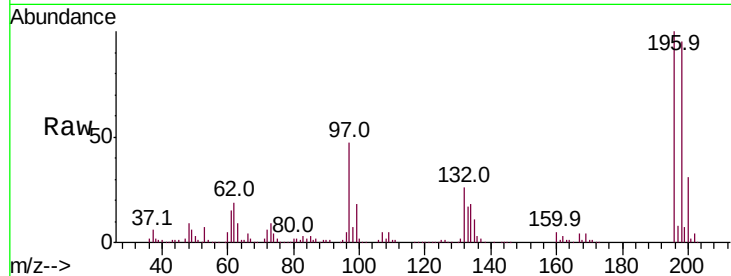
#43
 2,4,5-Trichlorophenol
 Concen: 33.730 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205012		
198	94.7	74.6	112.0	
97	47.5	42.9	64.3	
132	26.1	26.3	39.5#	

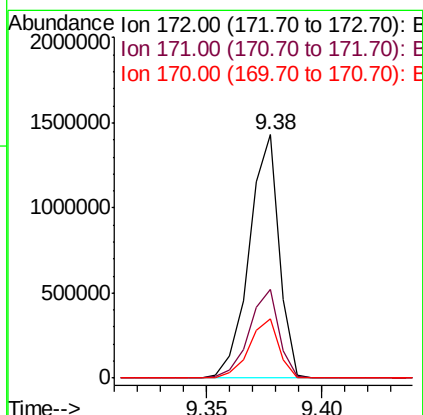
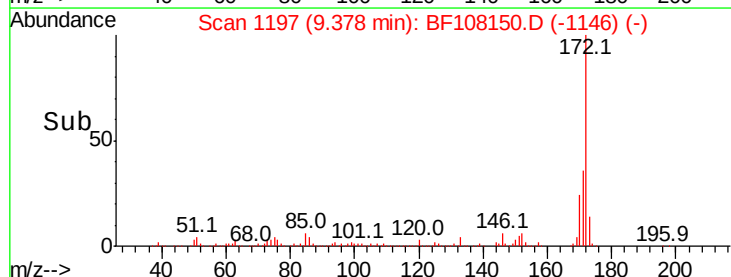
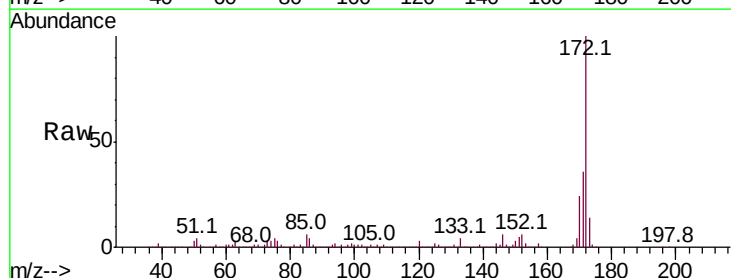
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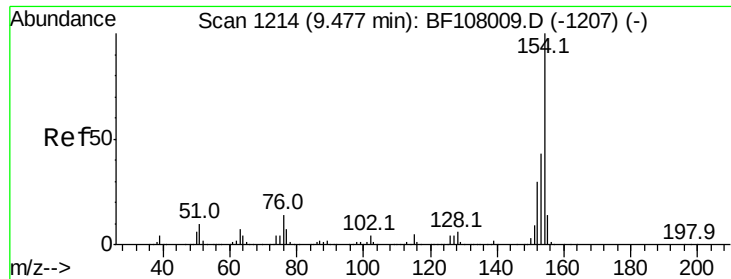
Sohil
 8/15/2018 3:38:39 PM



#44
 2-Fluorobiphenyl
 Concen: 71.849 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1296661		
171	36.3	29.7	44.5	
170	24.1	19.6	29.4	





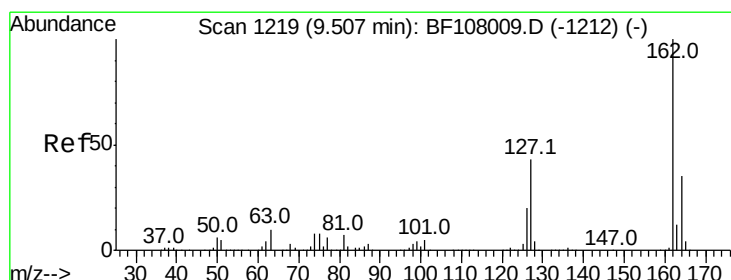
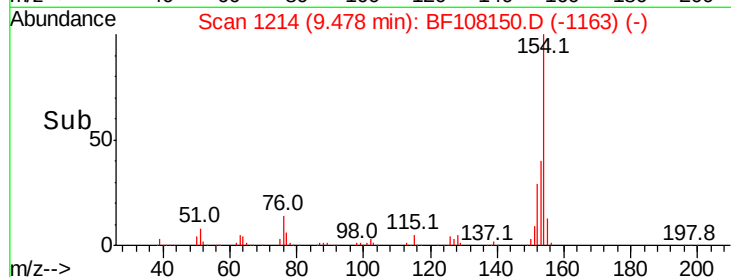
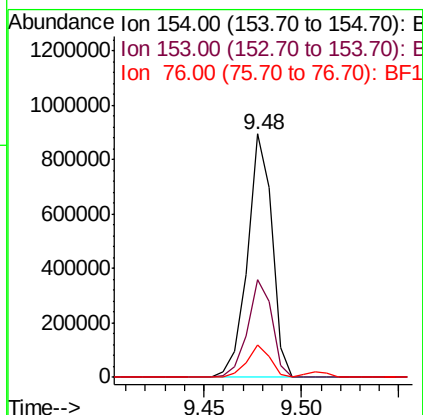
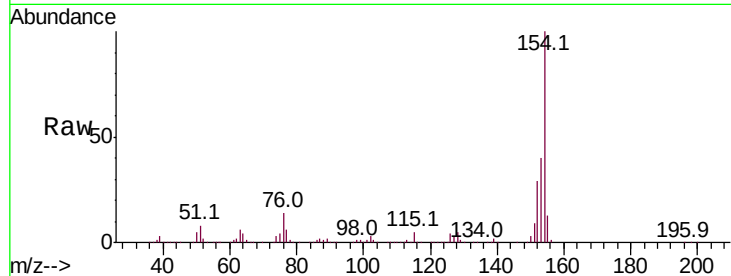
#45
 1,1'-Biphenyl
 Concen: 36.305 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.5	0.0	34.0

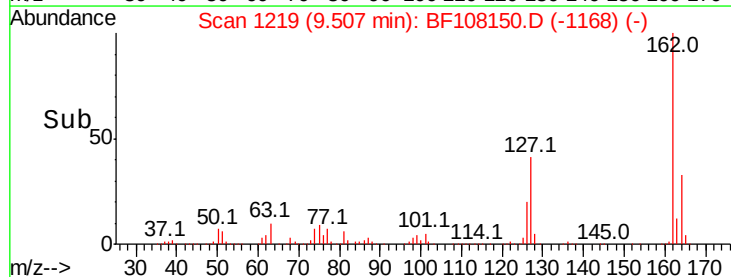
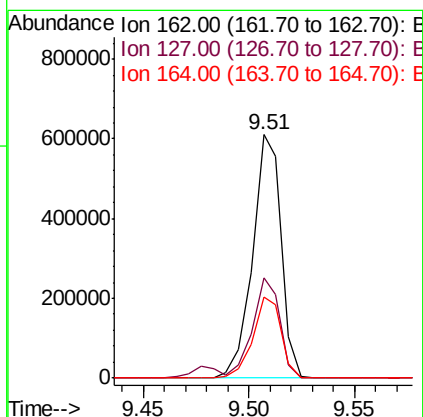
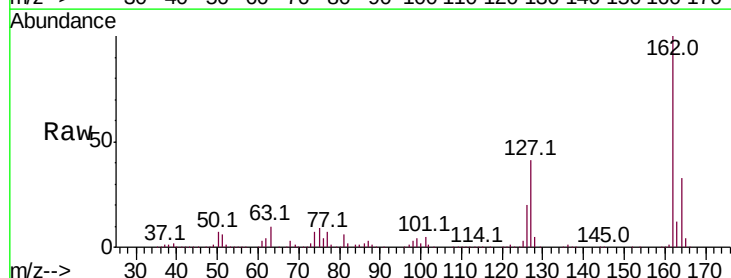
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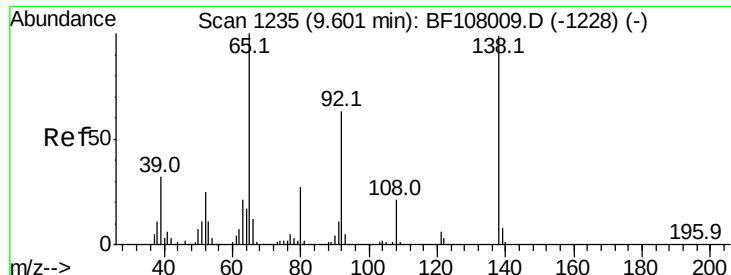
Sohil
 8/15/2018 3:38:39 PM



#46
 2-Chloronaphthalene
 Concen: 34.094 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.9	33.9	50.9
164	33.3	26.5	39.7





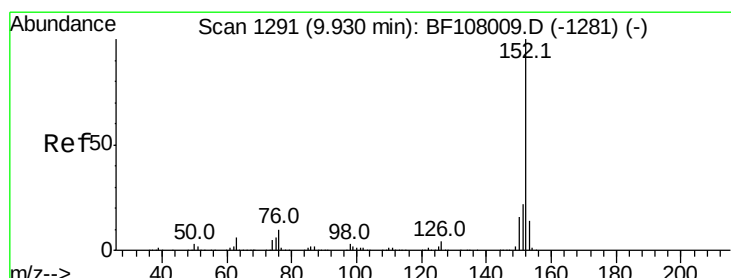
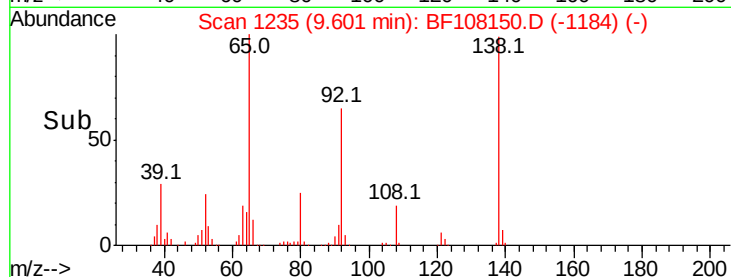
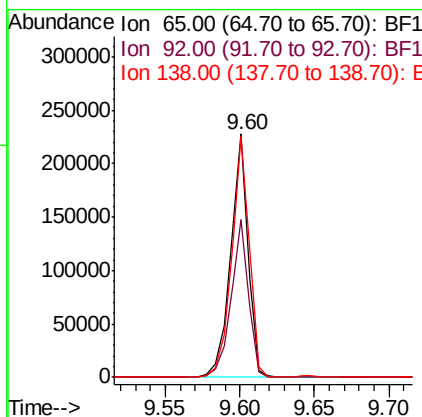
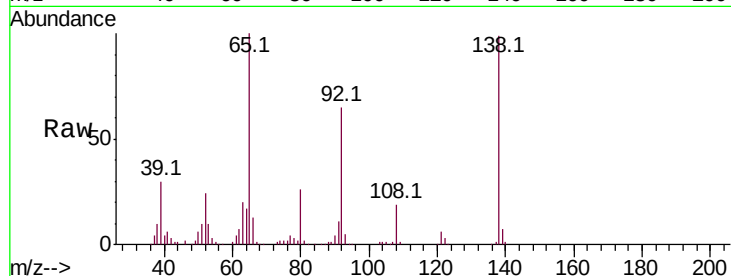
#47
2-Nitroaniline
Concen: 34.676 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	55.8	83.6
138	98.8	91.2	136.8

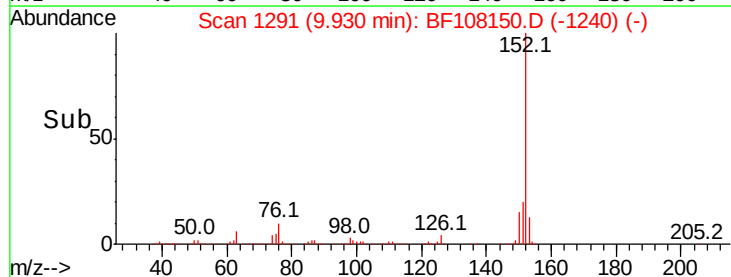
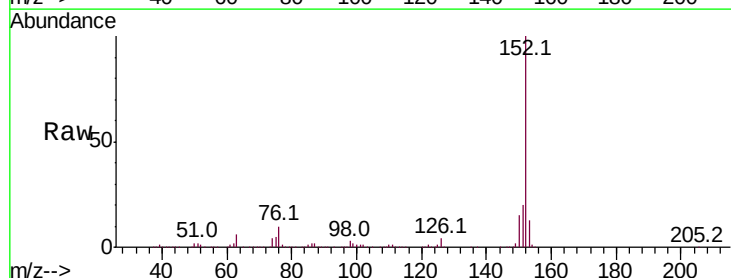
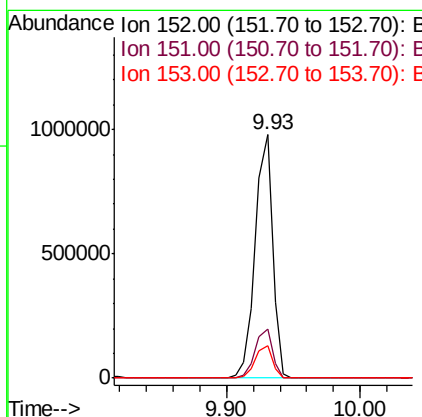
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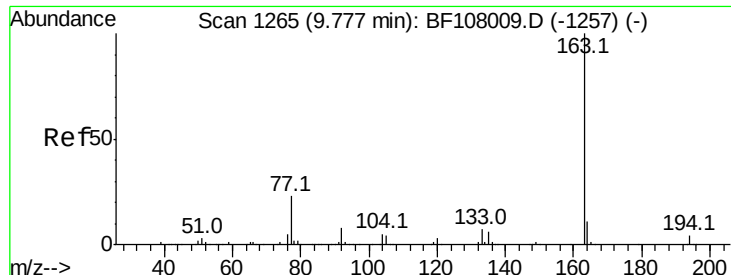
Sohil
8/15/2018 3:38:39 PM



#48
Acenaphthylene
Concen: 32.741 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	10.7	16.1





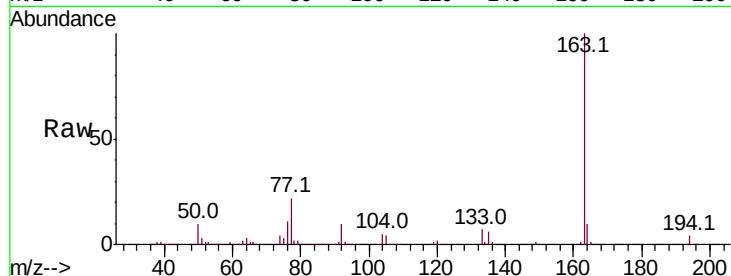
#49
Dimethylphthalate
Concen: 40.218 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

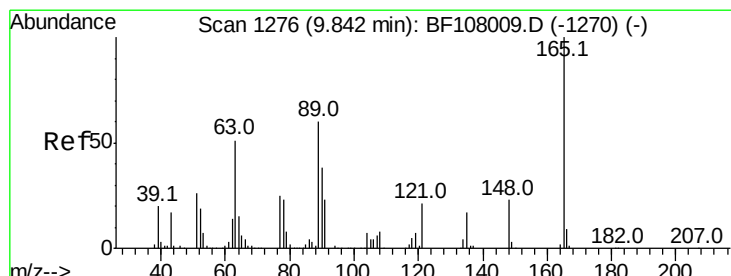
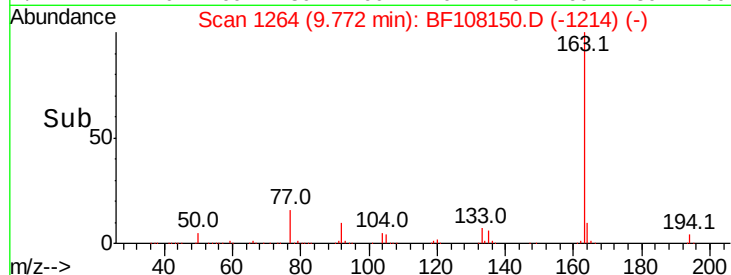
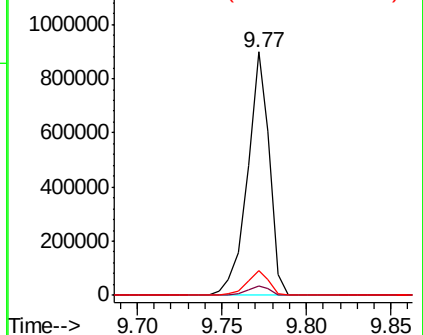
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.3	8.2	12.2	

Manual Integrations
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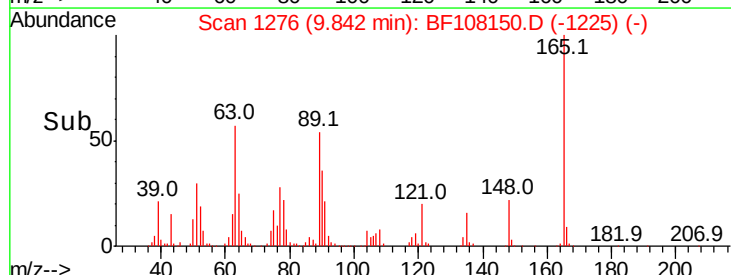
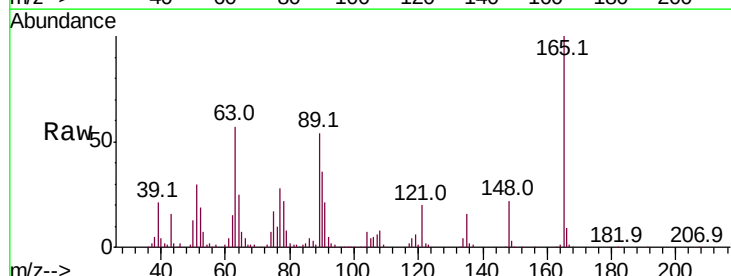
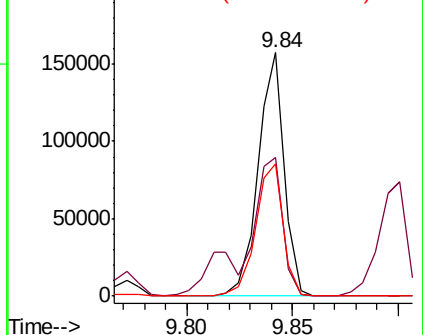
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

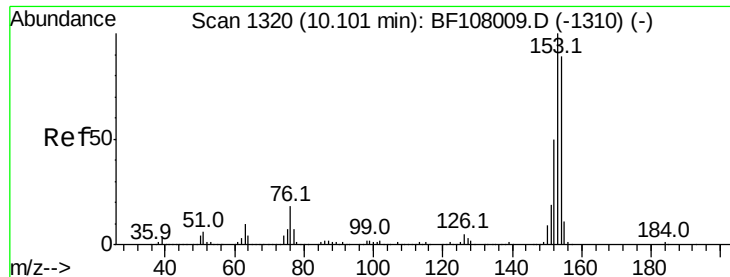


#50
2,6-Dinitrotoluene
Concen: 31.966 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.7	44.7	67.1	
89	54.2	44.0	66.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 30.401 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:154 Resp: 497028

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

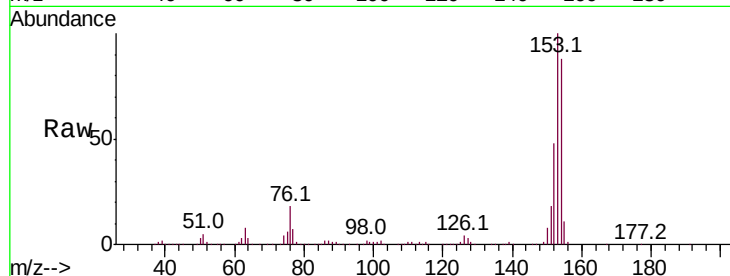
152 54.7 43.8 65.8

Manual Integrations

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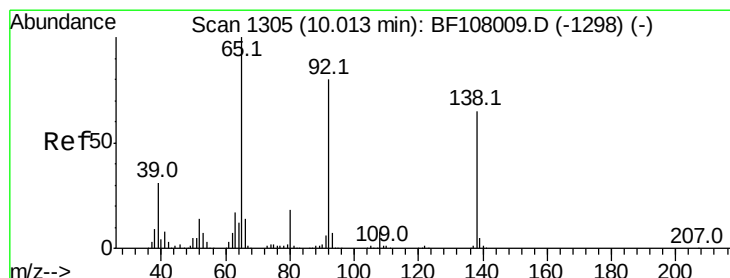
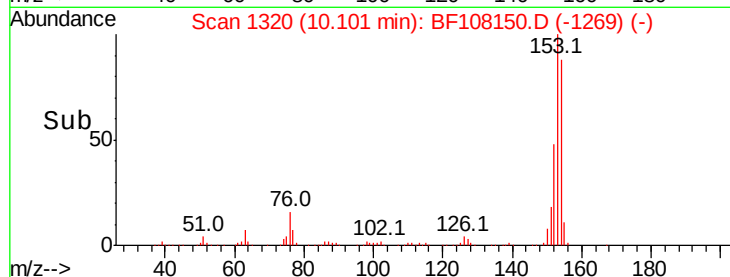
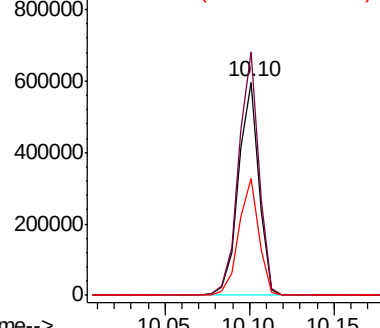
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.191 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

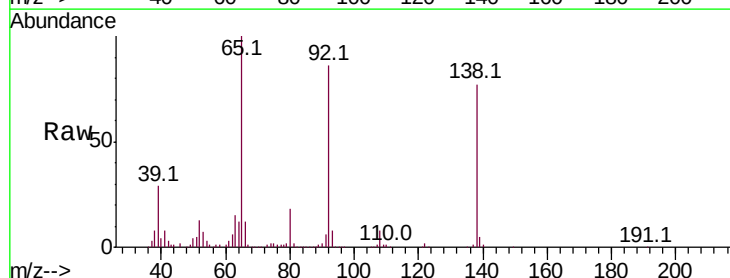
Tgt Ion:138 Resp: 125623

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

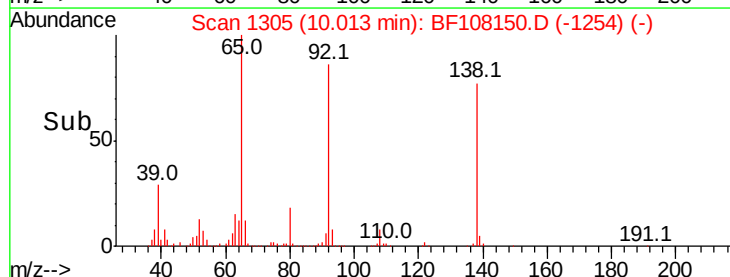
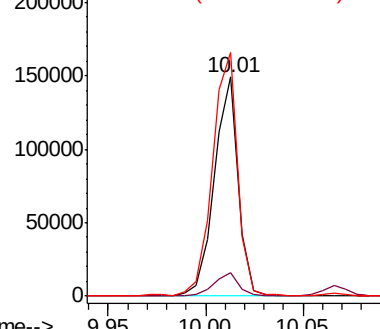
92 111.3 89.4 134.2

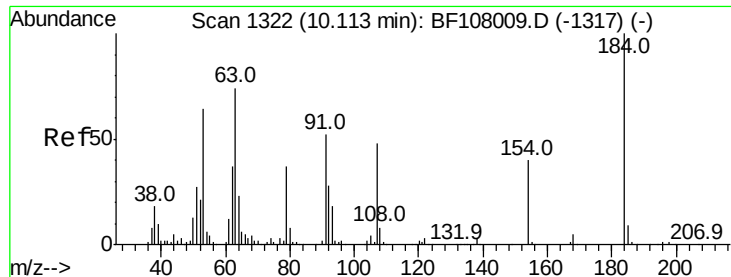


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





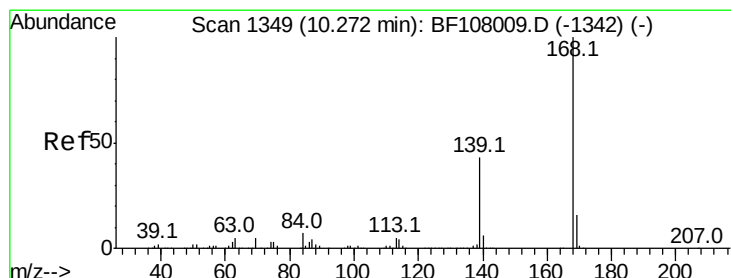
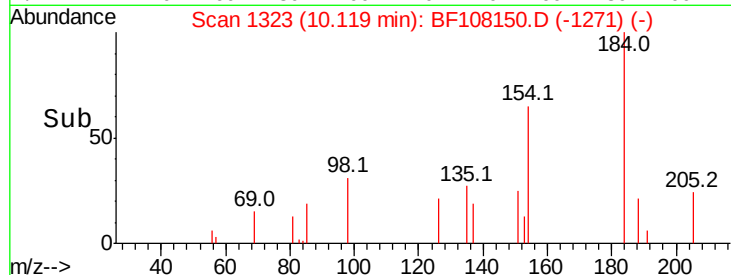
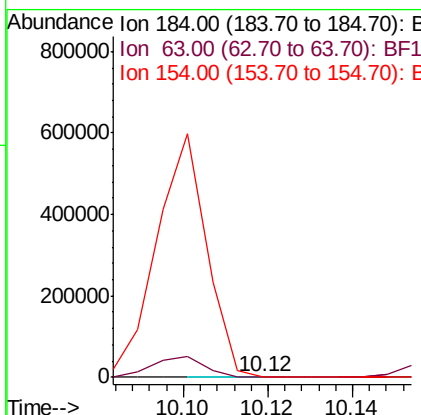
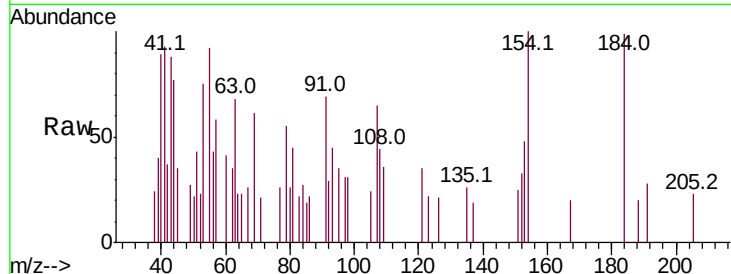
#53
 2,4-Dinitrophenol
 Concen: 7.720 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.9	54.2	81.2
154	100.5	184.0	276.0#

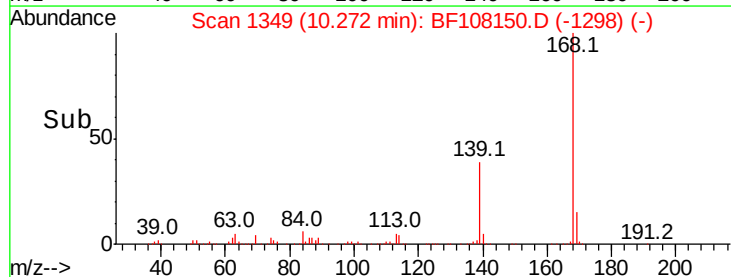
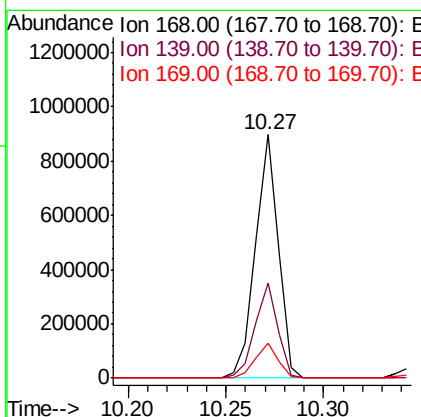
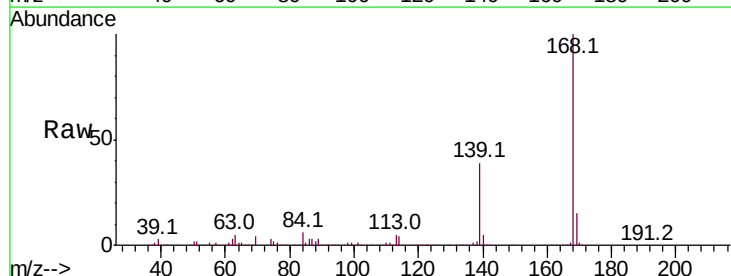
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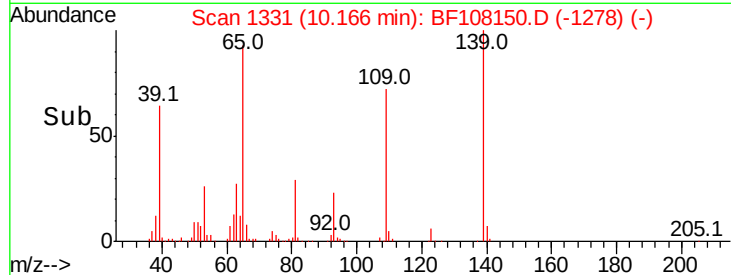
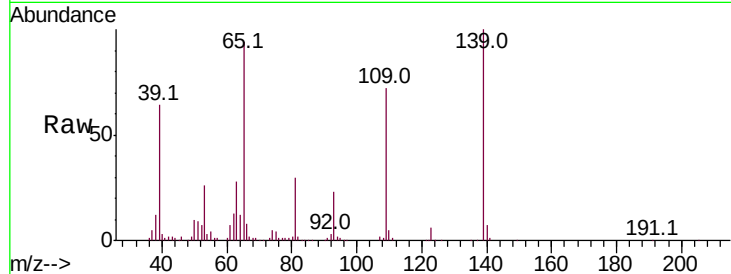
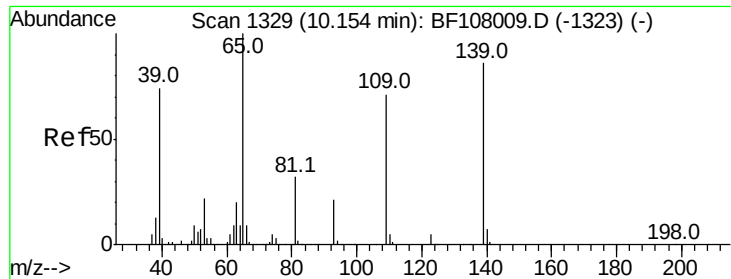
Sohil
 8/15/2018 3:38:39 PM



#54
 Dibenzofuran
 Concen: 30.824 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.6	10.9	16.3





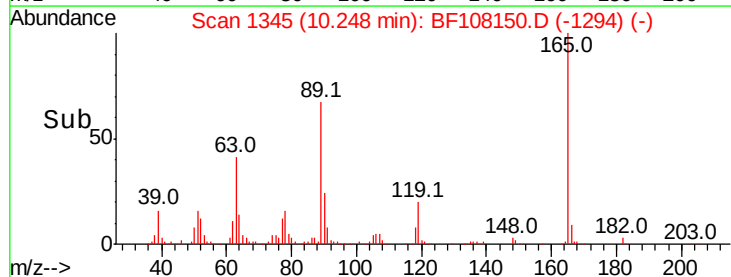
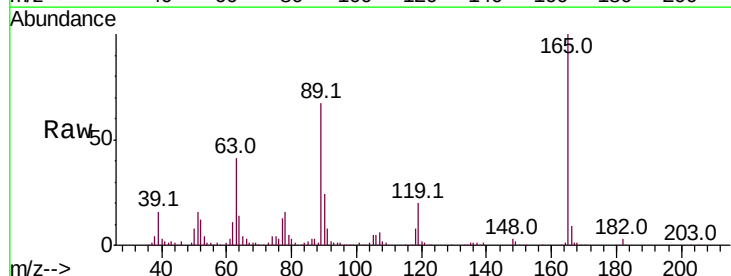
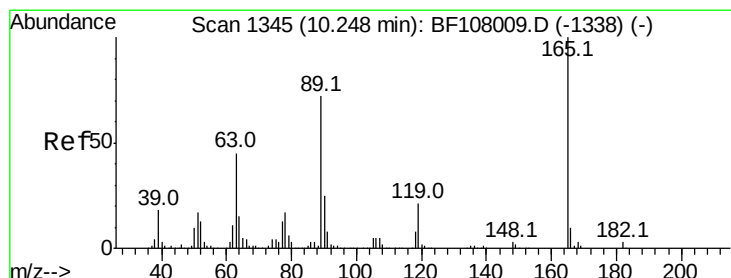
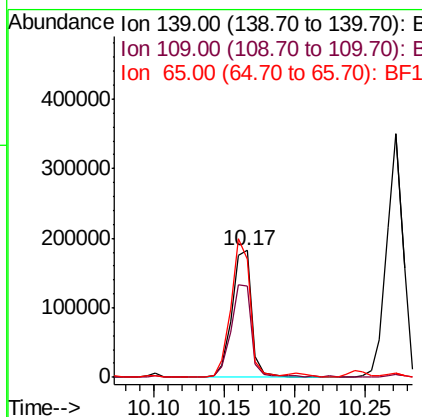
#55
4-Nitrophenol
Concen: 50.963 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	178297		
109	71.8	48.4	88.4	
65	93.6	72.6	112.6	

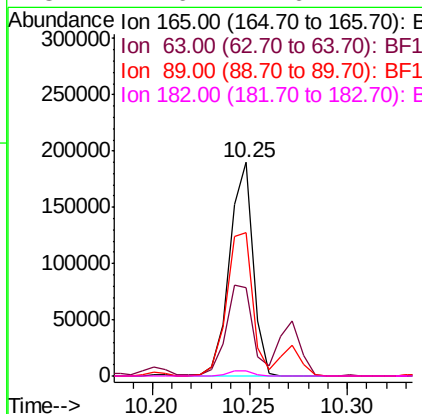
Manual Integrations
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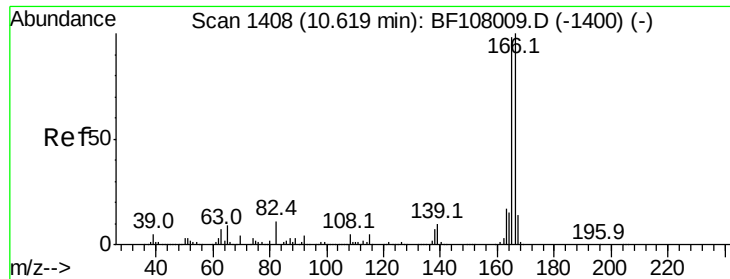
Sohil
8/15/2018 3:38:39 PM



#56
2,4-Dinitrotoluene
Concen: 29.214 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158788		
63	41.1	36.4	54.6	
89	67.1	57.8	86.6	
182	2.6	1.6	2.4	





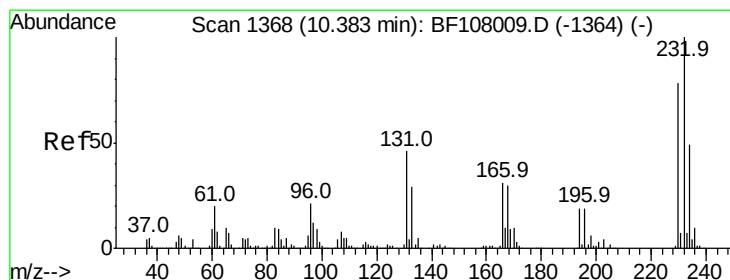
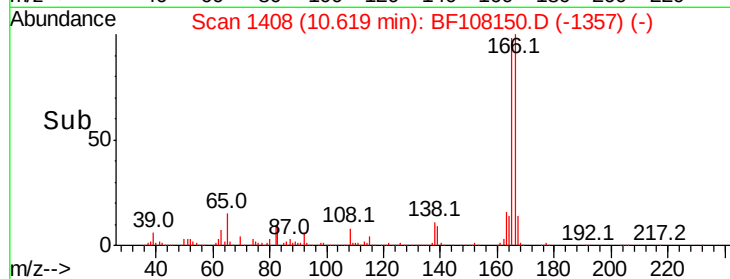
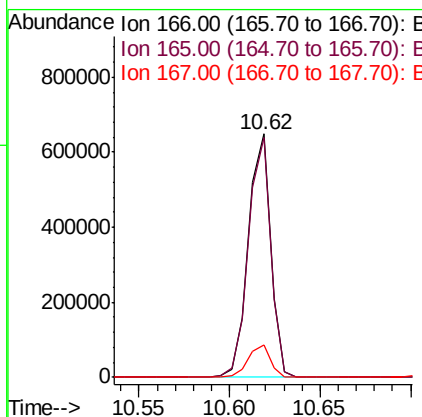
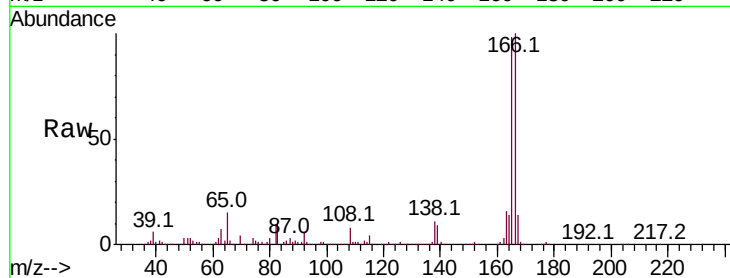
#57
 Fluorene
 Concen: 29.745 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	557726		
165	98.4		79.8	119.8
167	13.5		10.6	16.0

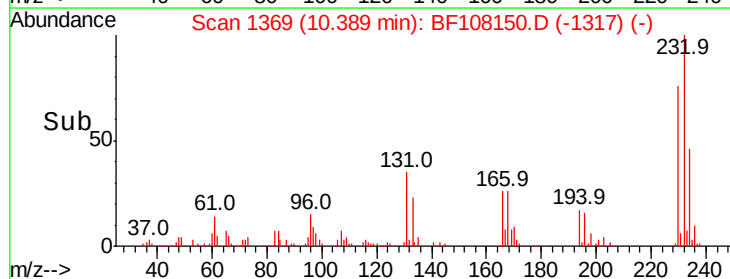
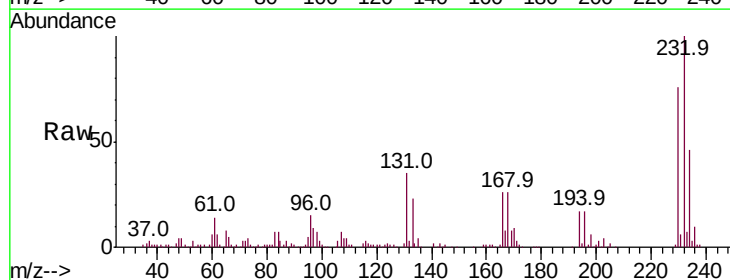
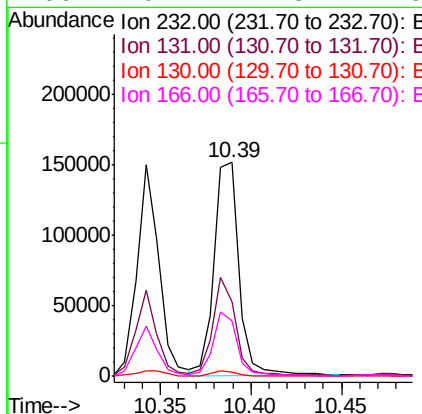
Manual Integrations
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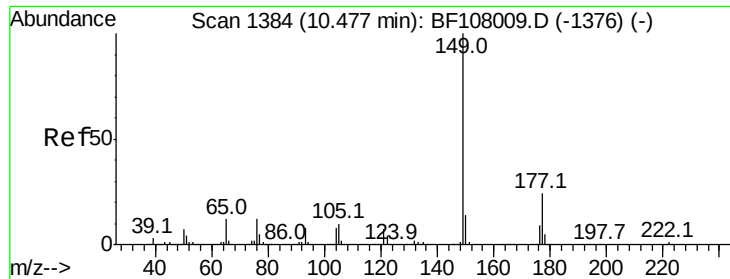
Sohil
 8/15/2018 3:38:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.323 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	143888		
231	42.7		43.8	65.8#
130	2.2		2.1	3.1
166	29.7		27.8	41.6





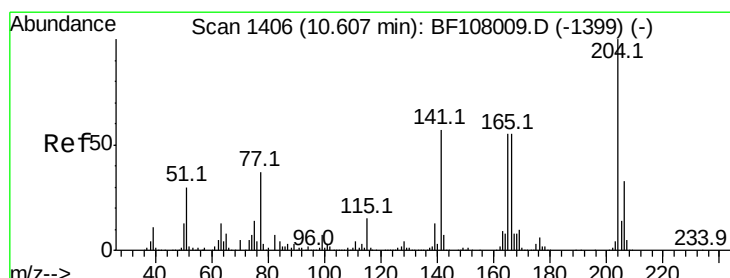
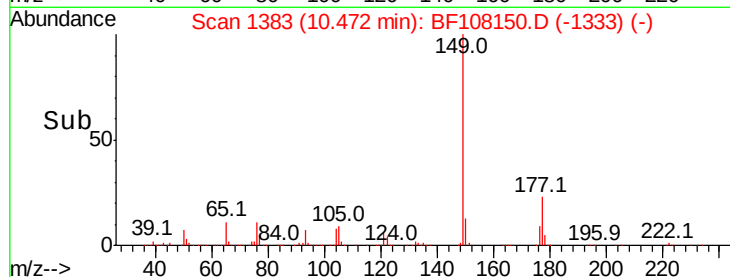
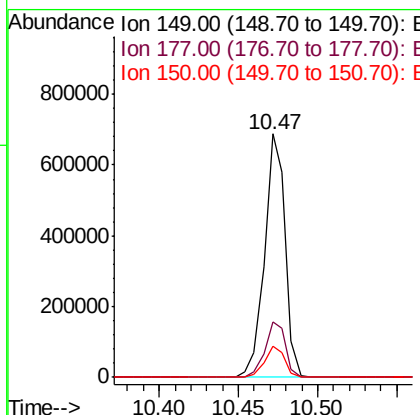
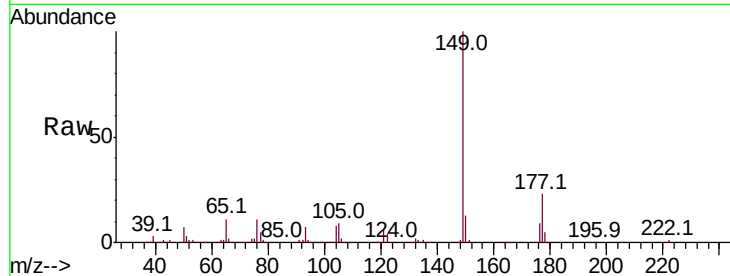
#59
Diethylphthalate
Concen: 32.160 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	628533		
177	22.9		16.1	24.1
150	12.8		10.1	15.1

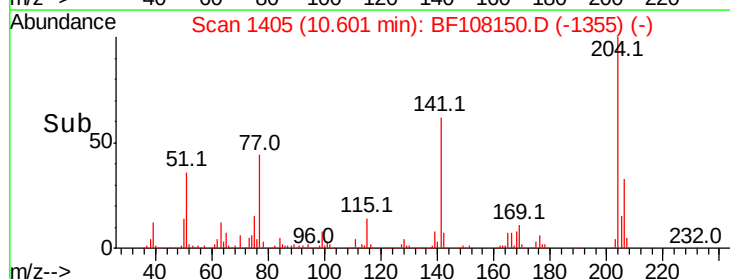
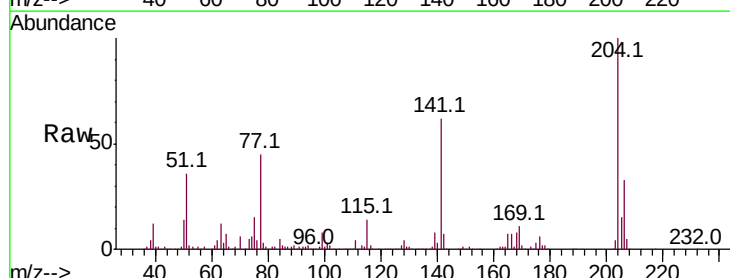
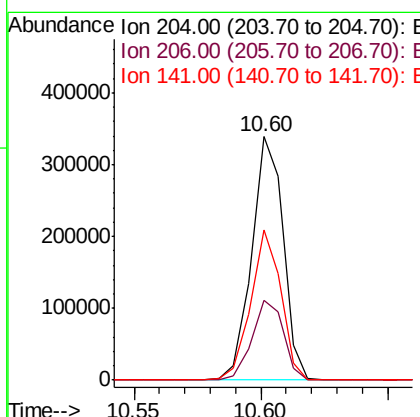
Manual Integrations
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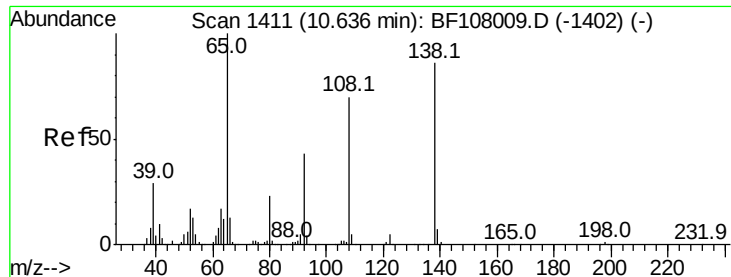
Sohil
8/15/2018 3:38:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.994 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	293050		
206	33.0		26.5	39.7
141	61.7		54.6	81.8





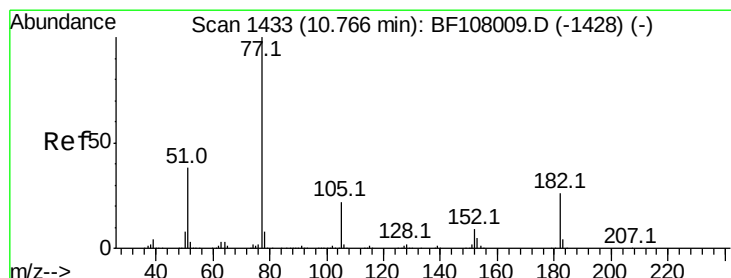
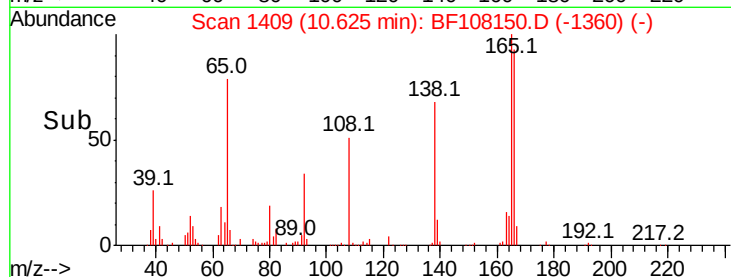
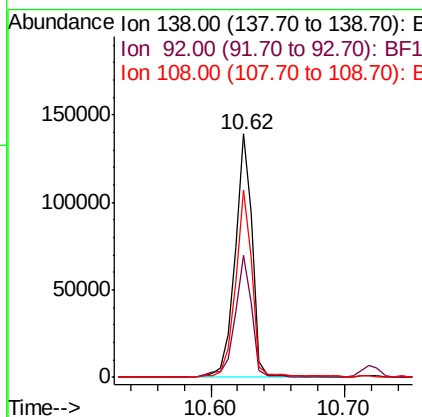
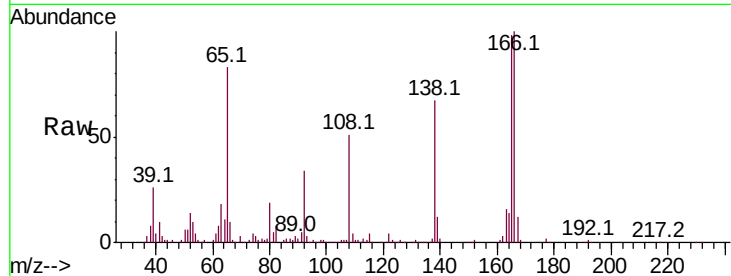
#61
4-Nitroaniline
Concen: 27.570 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.2	70.2
108	77.1	52.5	92.5

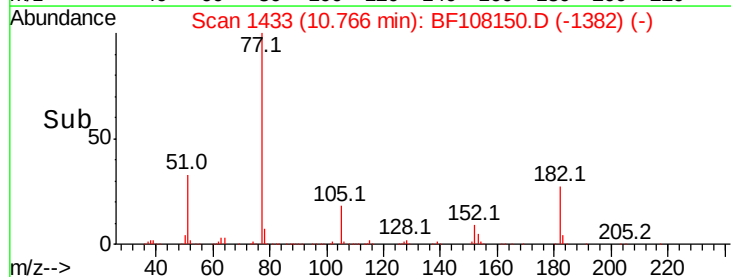
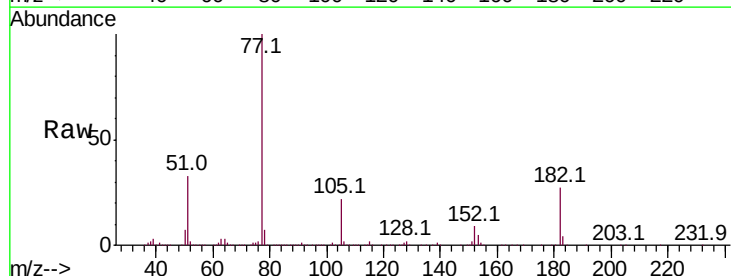
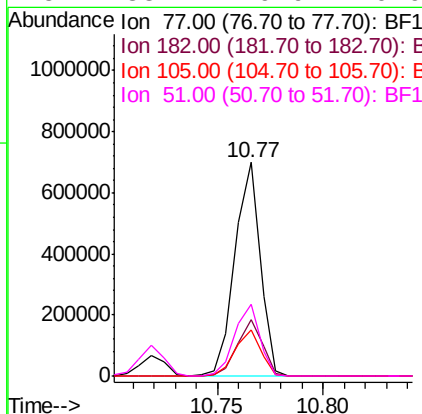
Manual Integrations
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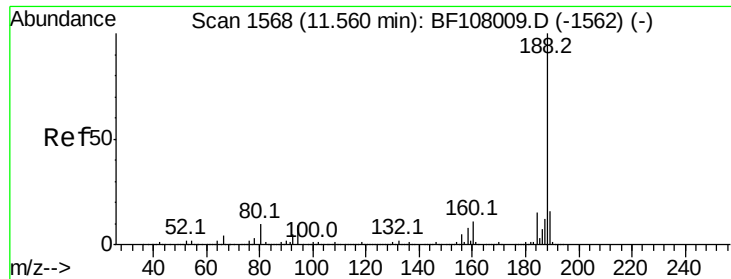
Sohil
8/15/2018 3:38:39 PM



#62
Azobenzene
Concen: 28.662 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	1.7	41.7
105	21.8	3.0	43.0
51	33.4	9.9	49.9





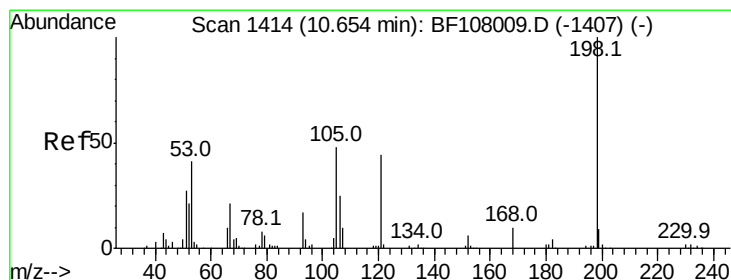
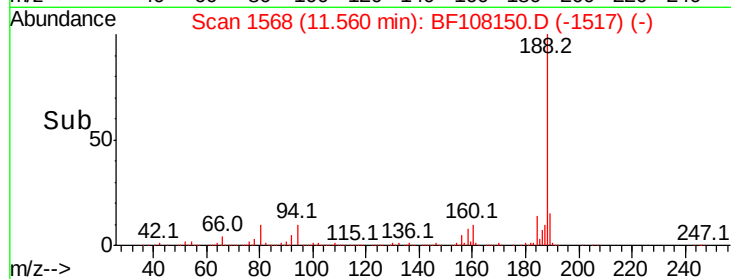
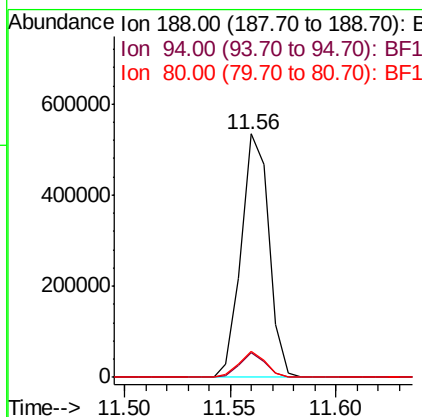
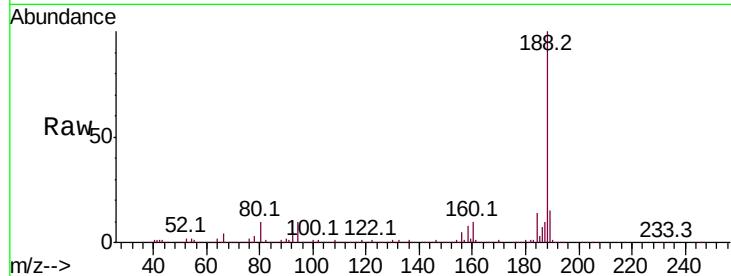
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	486498		
94	9.9		8.5	12.7
80	10.4		9.2	13.8

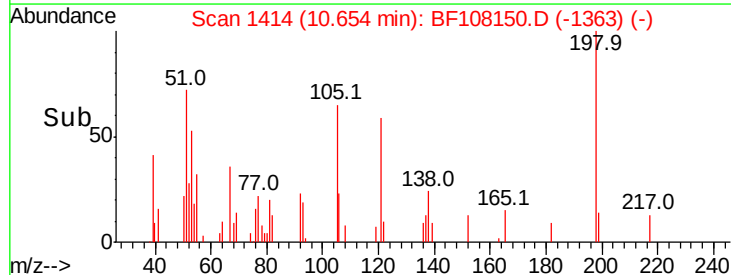
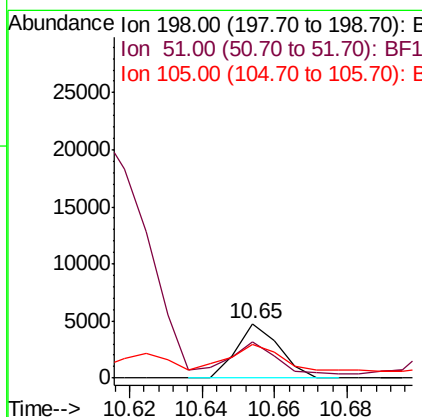
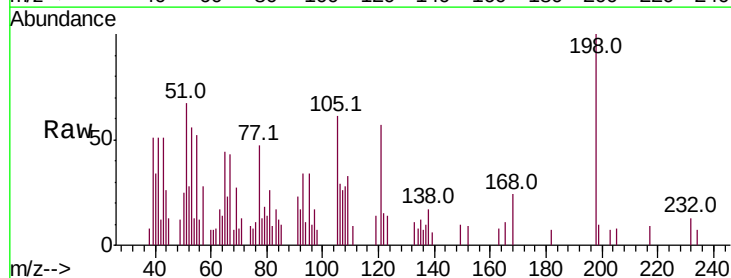
Manual Integrations
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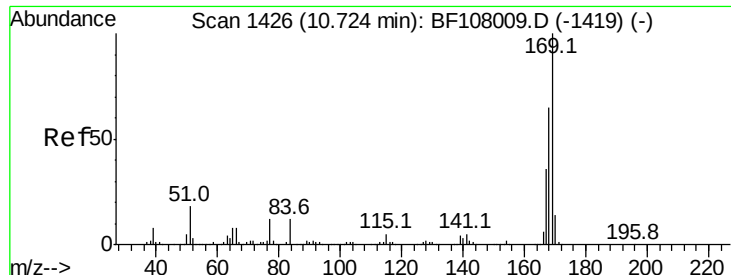
Sohil
 8/15/2018 3:38:39 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.260 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3910		
51	67.0		37.7	77.7
105	61.2		36.3	76.3





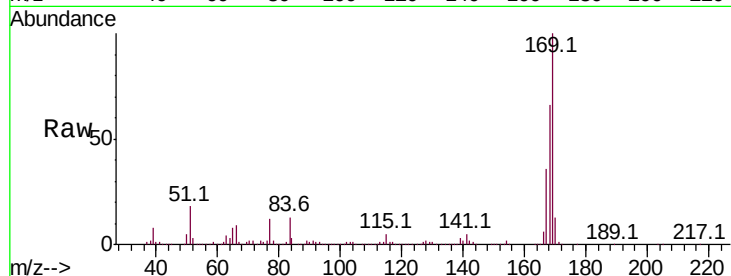
#65
n-Nitrosodiphenylamine
Concen: 34.635 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	497922		
168	66.1	54.4	81.6	
167	36.3	29.8	44.6	

Manual Integrations
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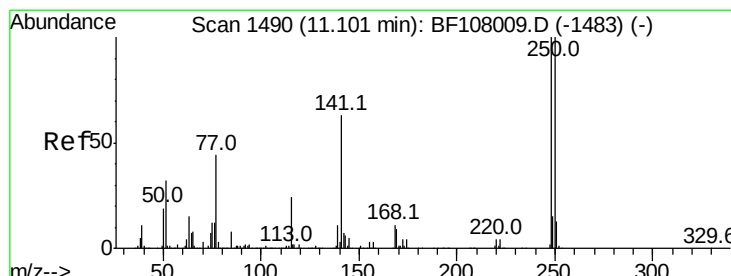
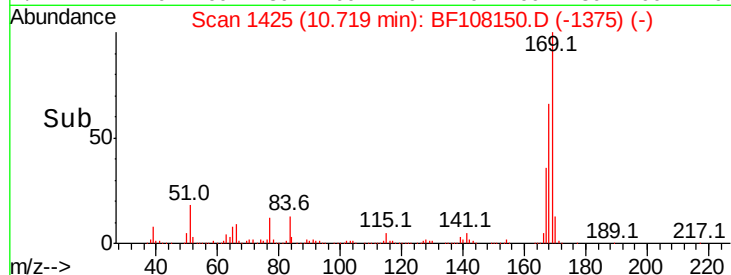
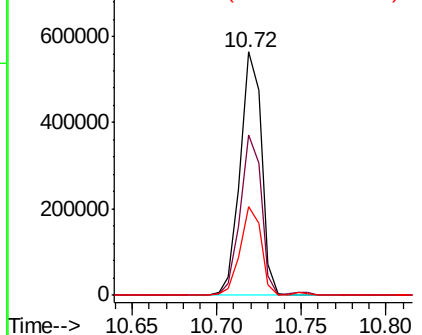


Abundance

Ion 169.00 (168.70 to 169.70): E

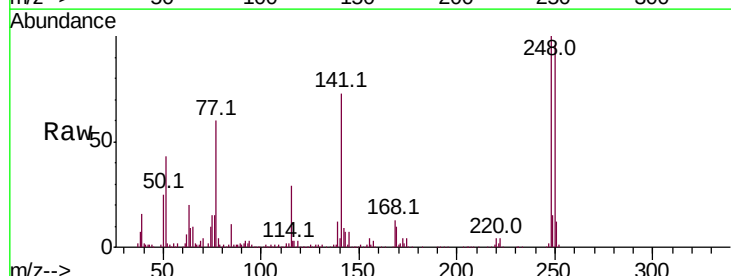
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 33.274 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	175919		
250	96.4	76.9	115.3	
141	72.6	74.4	111.6	

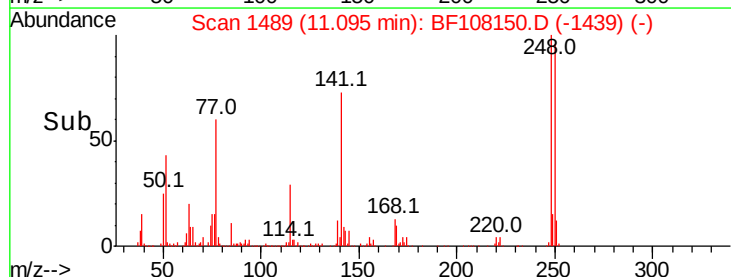
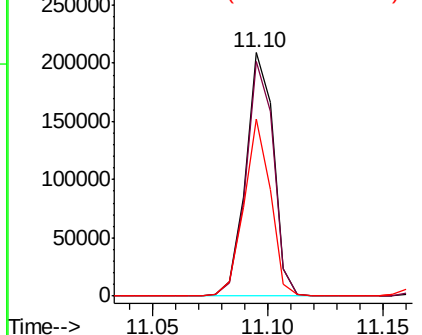


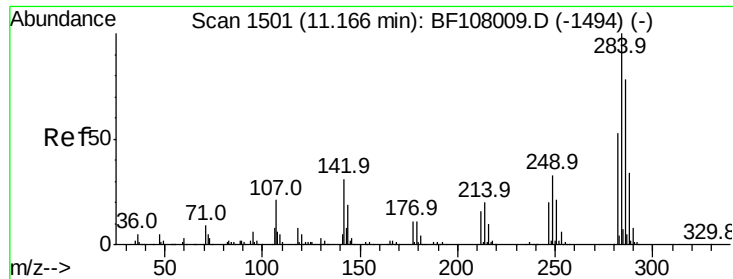
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





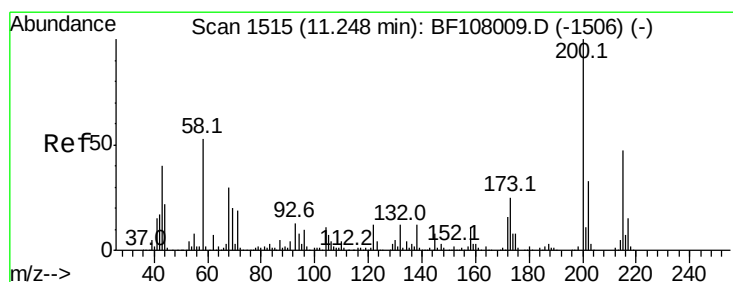
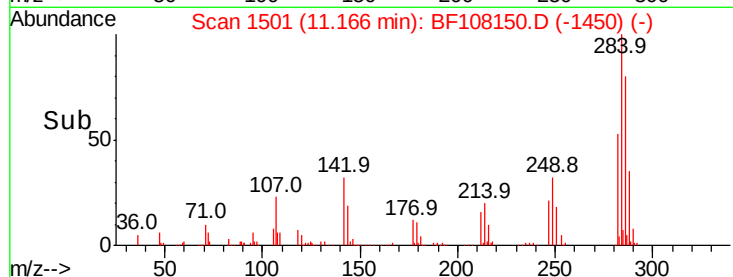
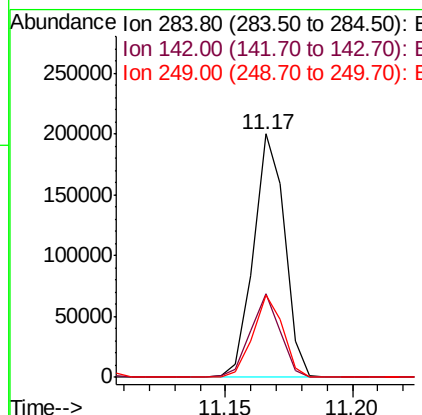
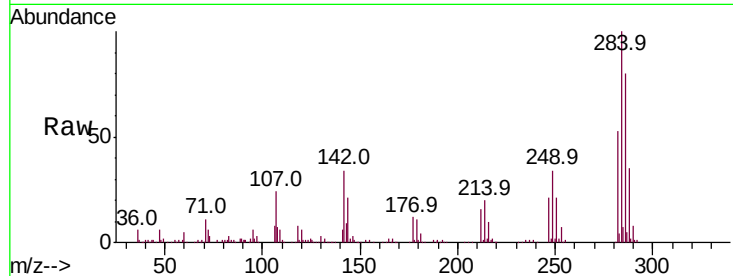
#67
Hexachlorobenzene
Concen: 30.914 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.1	34.6	52.0	
249	33.8	24.8	37.2	

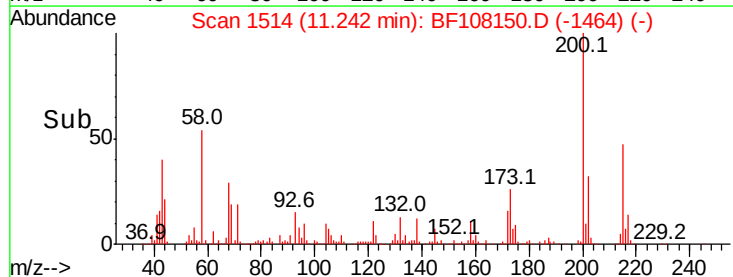
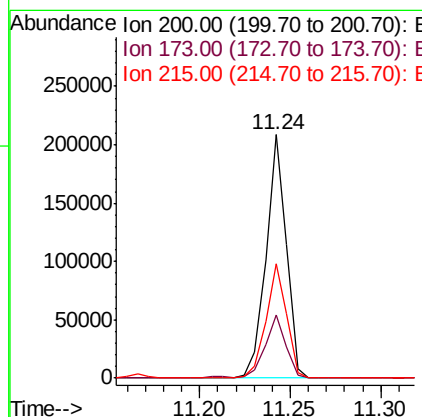
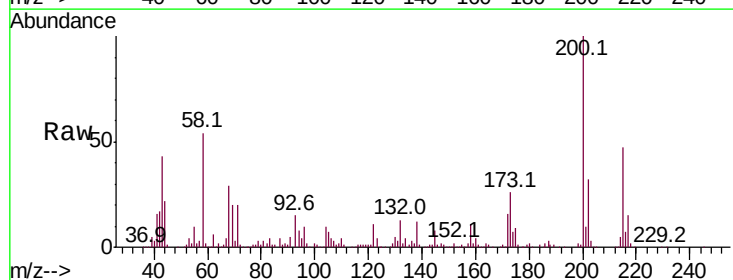
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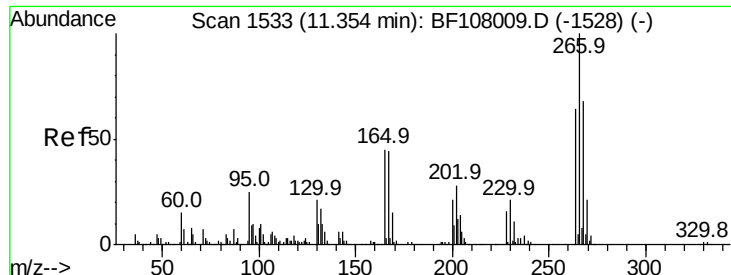
Sohil
8/15/2018 3:38:39 PM



#68
Atrazine
Concen: 33.600 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.8	8.6	48.6	
215	47.0	25.1	65.1	





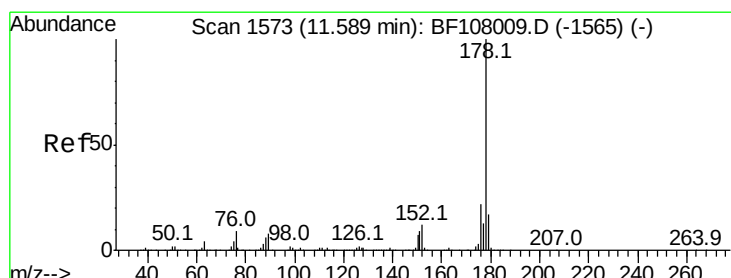
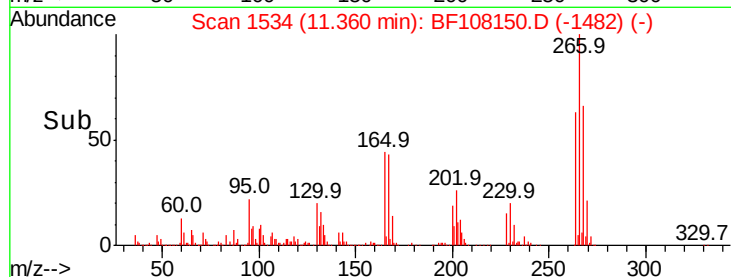
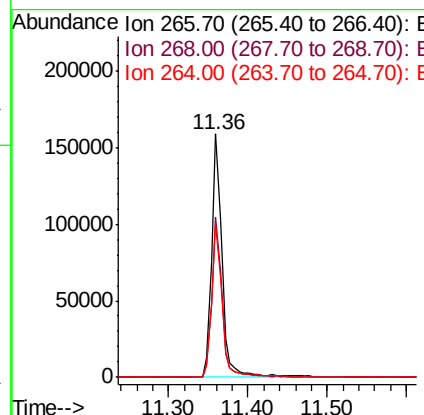
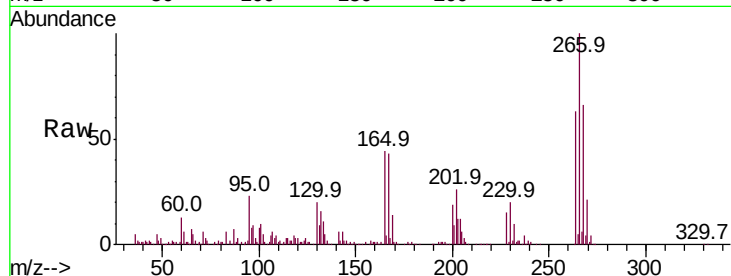
#69
 Pentachlorophenol
 Concen: 55.696 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.9	51.1	76.7	
264	63.5	49.5	74.3	

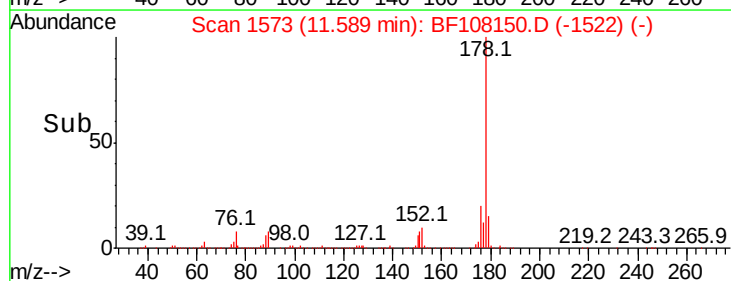
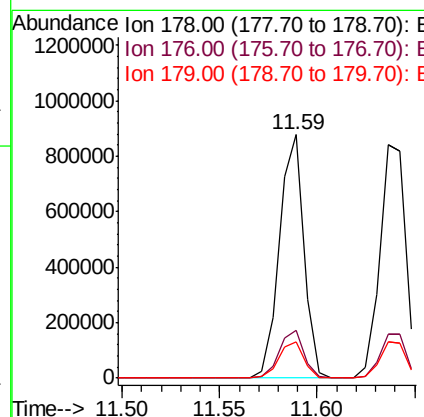
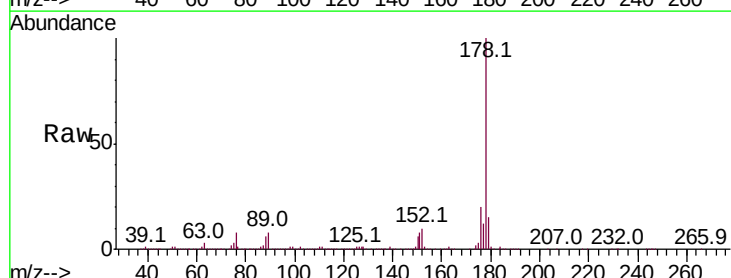
Manual Integrations
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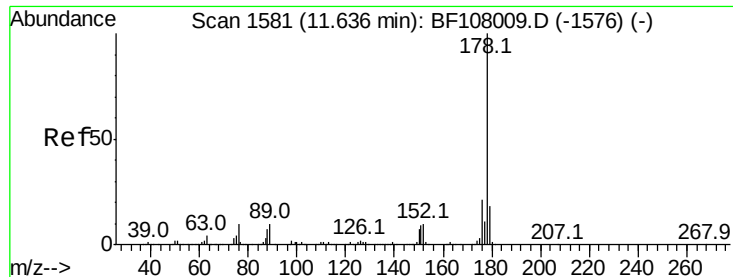
Sohil
 8/15/2018 3:38:39 PM



#70
 Phenanthrene
 Concen: 33.130 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	15.8	23.8	
179	15.1	13.0	19.6	





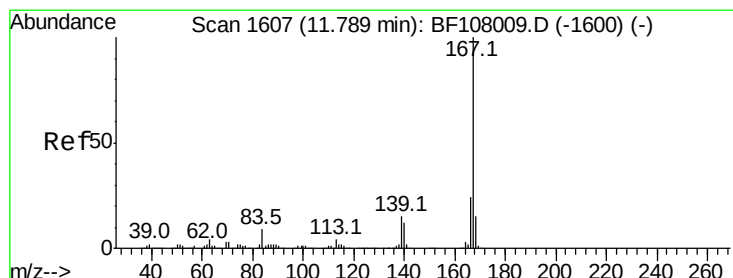
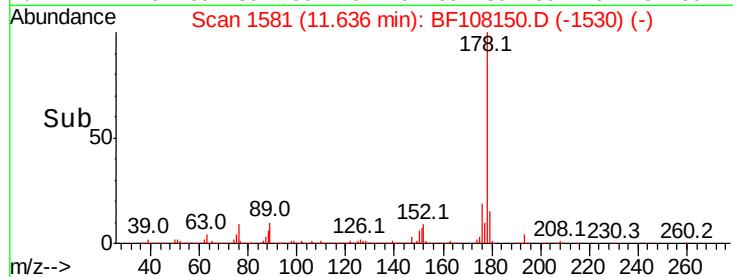
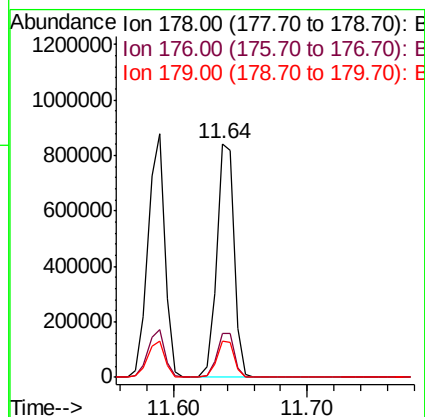
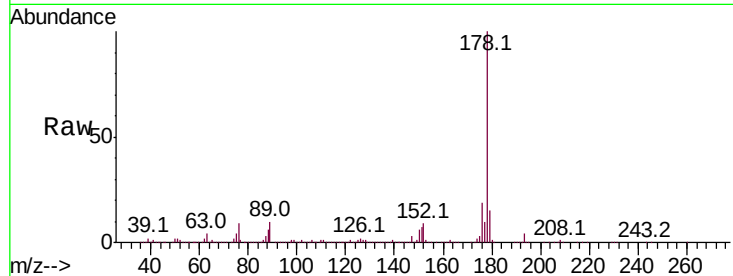
#71
 Anthracene
 Concen: 32.986 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

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

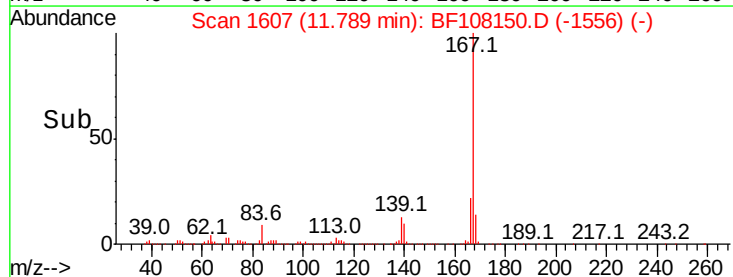
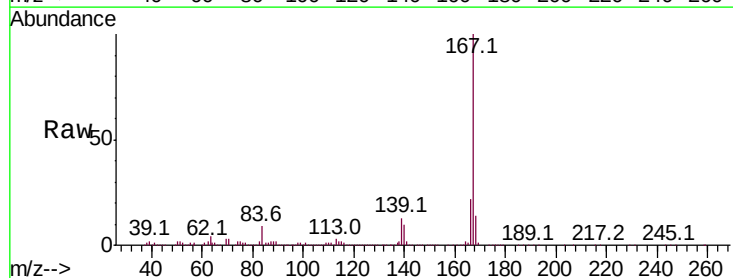
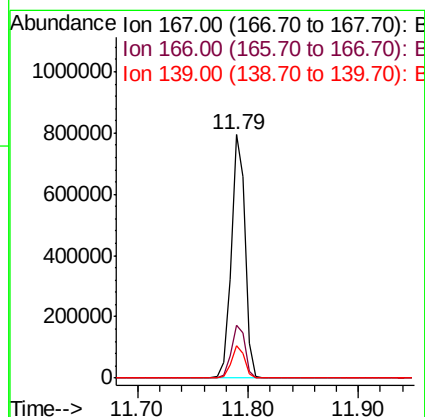
Manual Integrations
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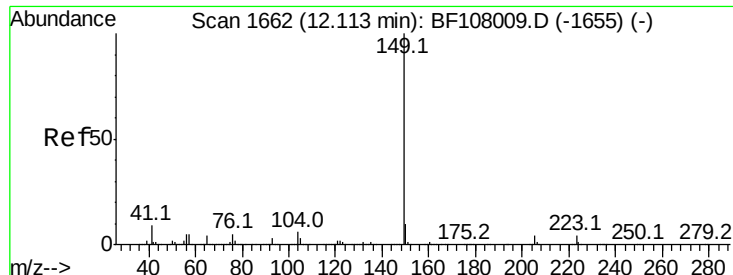
Sohil
 8/15/2018 3:38:39 PM



#72
 Carbazole
 Concen: 33.204 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	10.9	16.3





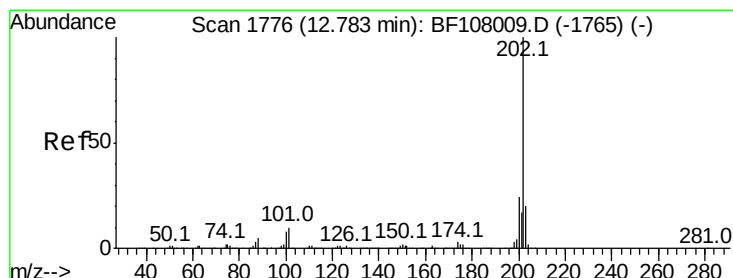
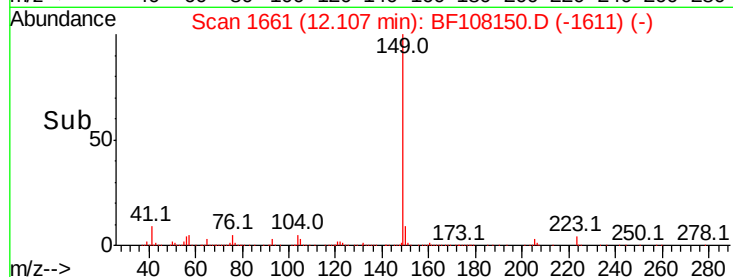
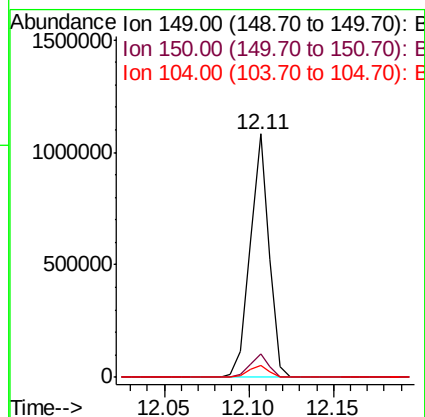
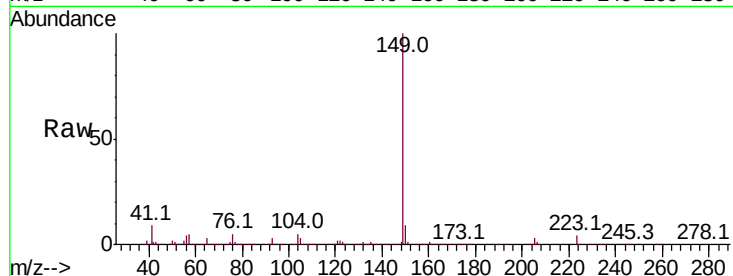
#73
Di-n-butylphthalate
Concen: 35.743 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion:	149	Resp:	845961
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

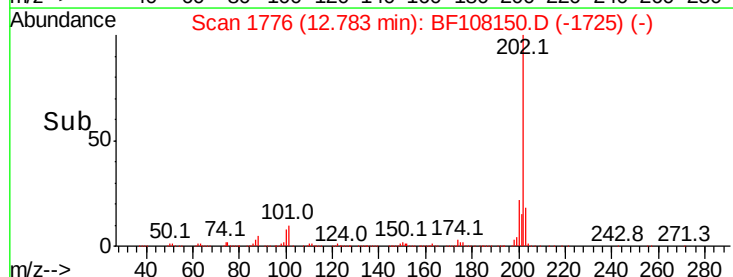
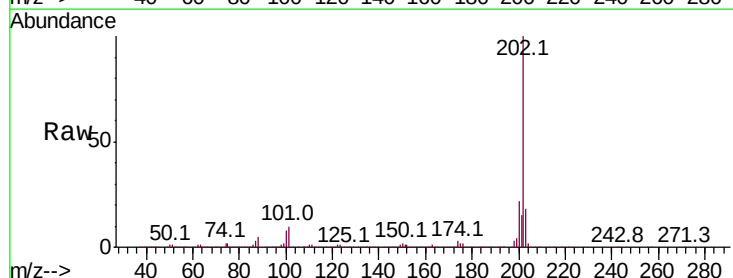
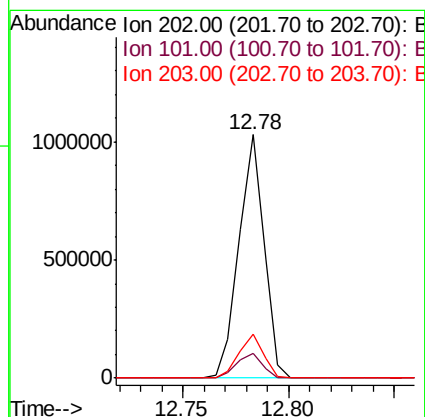
Manual Integrations
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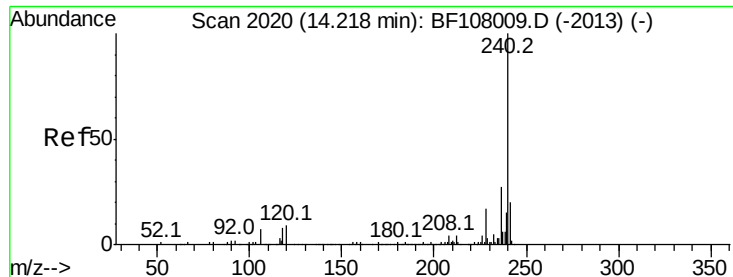
Sohil
8/15/2018 3:38:39 PM



#74
Fluoranthene
Concen: 33.815 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion:	202	Resp:	846847
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

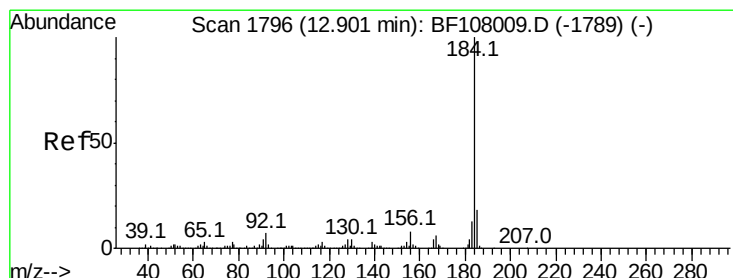
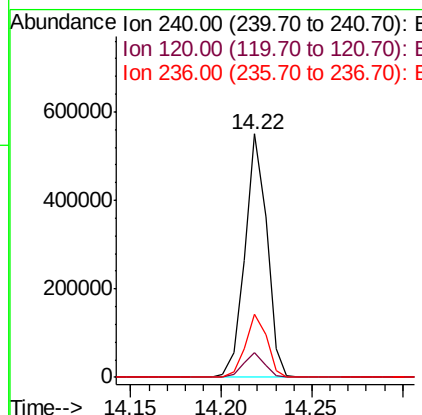
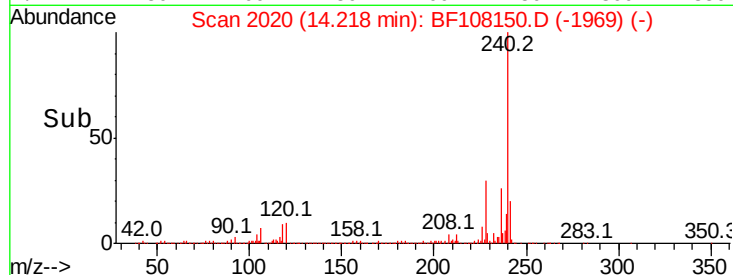
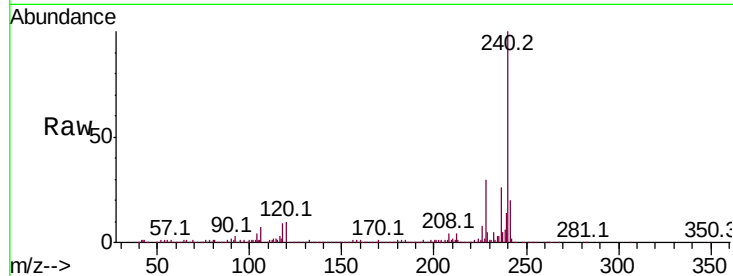
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	240	Resp:	462477
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 31.677 ng

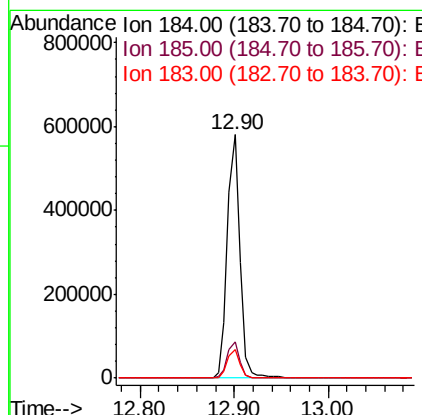
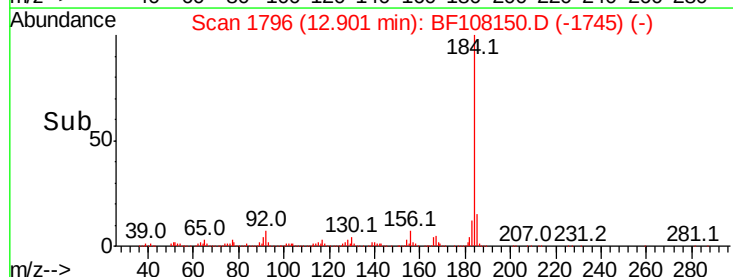
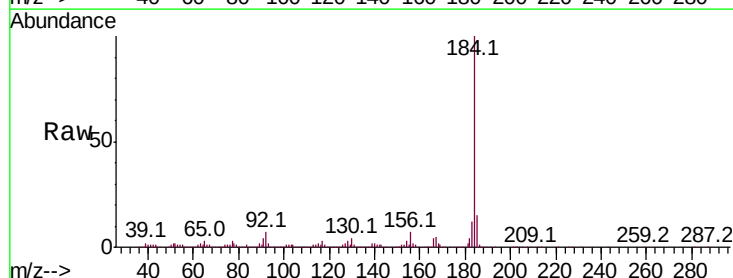
RT: 12.90 min Scan# 1796

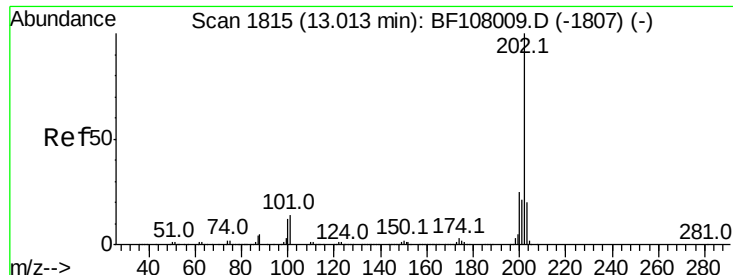
Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	184	Resp:	547357
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 29.451 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

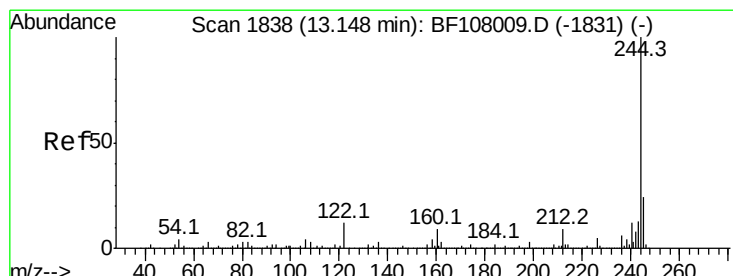
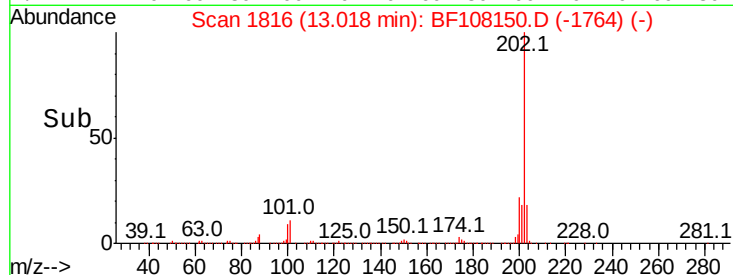
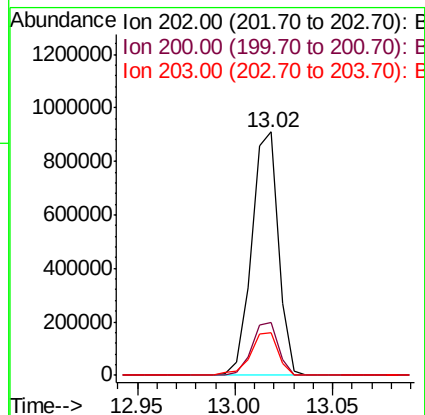
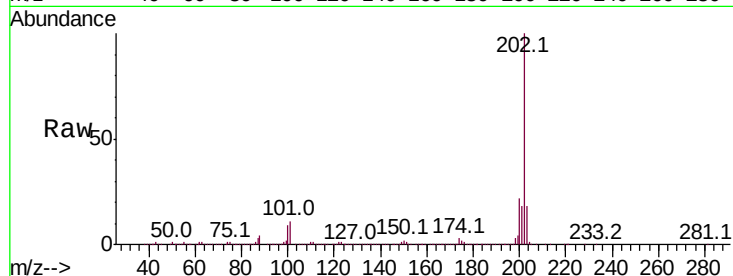
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	202	Resp:	862320
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 66.509 ng

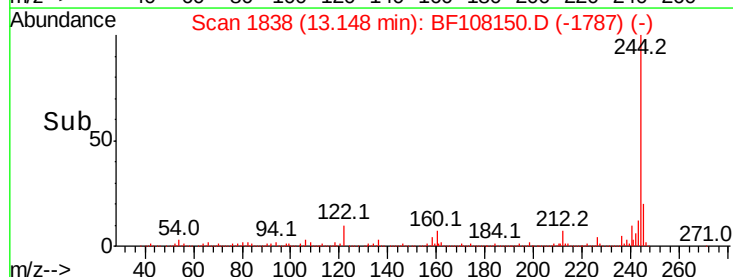
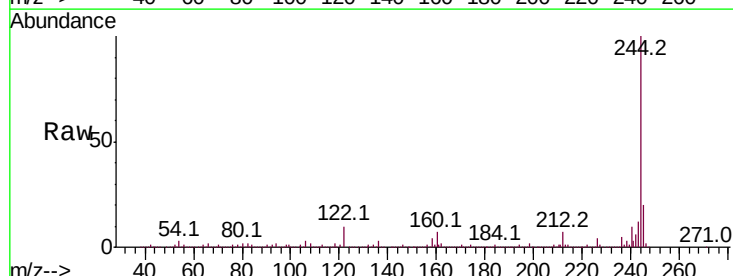
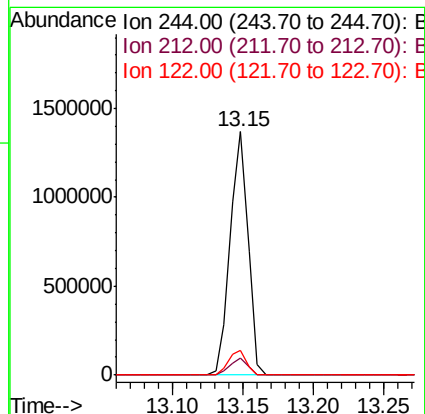
RT: 13.15 min Scan# 1838

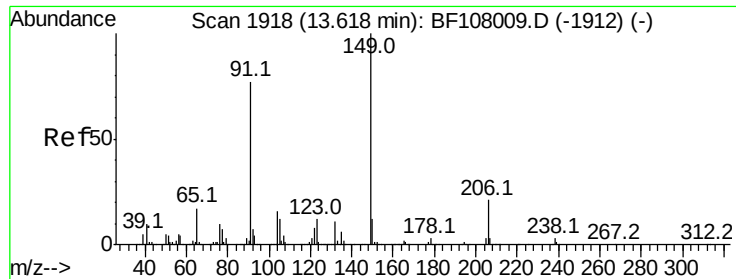
Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	244	Resp:	1209763
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.2	11.0	16.4#





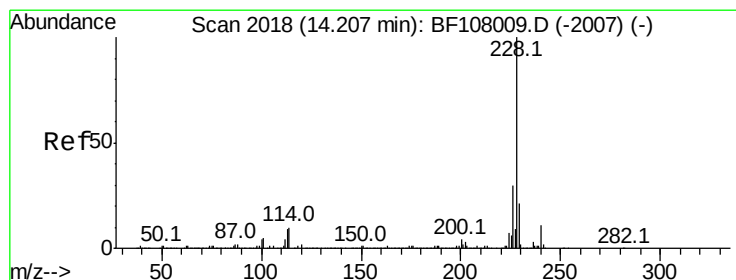
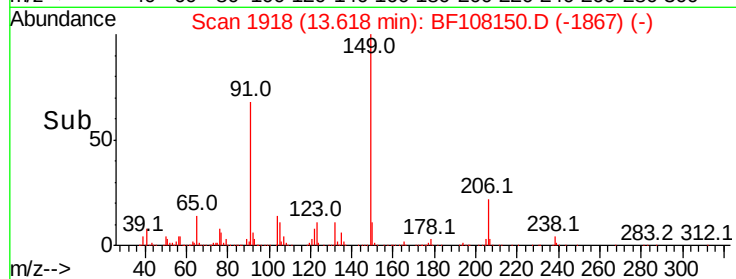
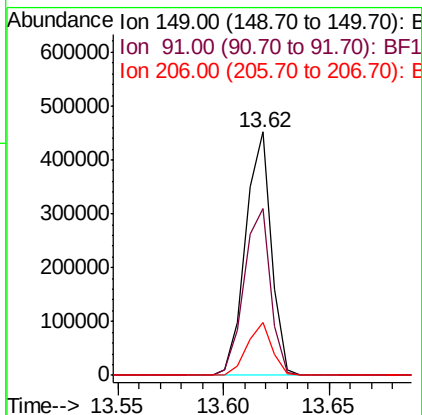
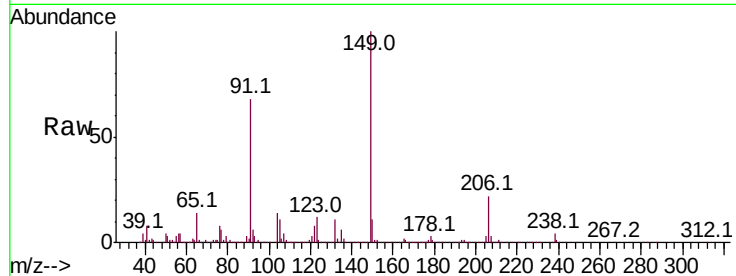
#79
Butylbenzylphthalate
Concen: 32.720 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	380417		
91	68.3	56.8	85.2	
206	21.8	14.1	21.1	

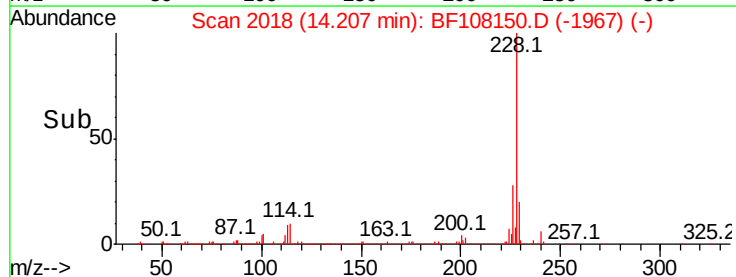
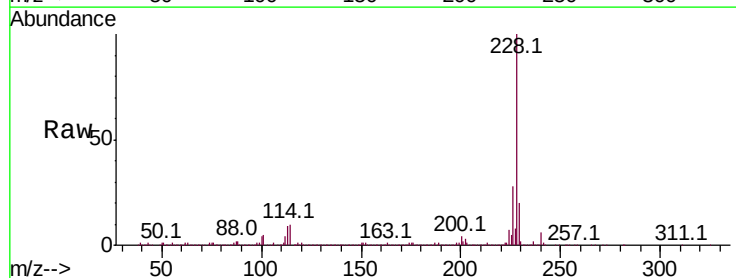
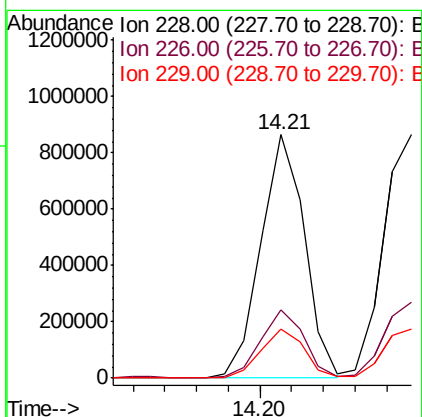
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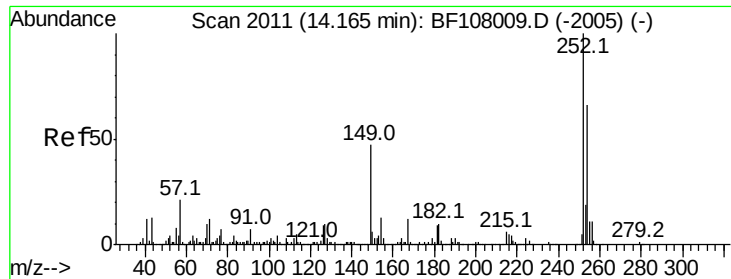
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#80
Benzo(a)anthracene
Concen: 31.170 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	827293		
226	28.1	22.6	33.8	
229	20.1	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 30.874 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

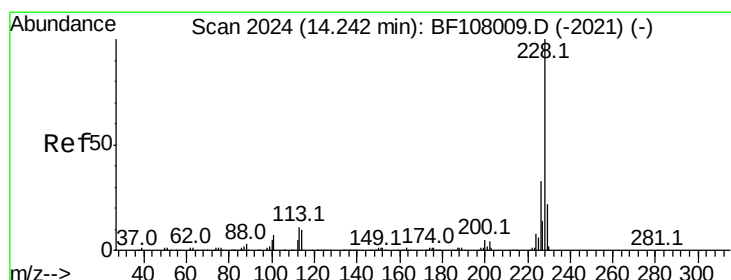
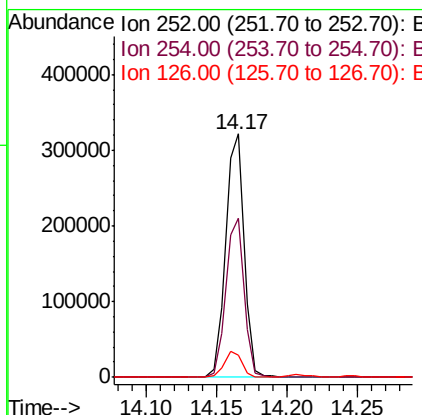
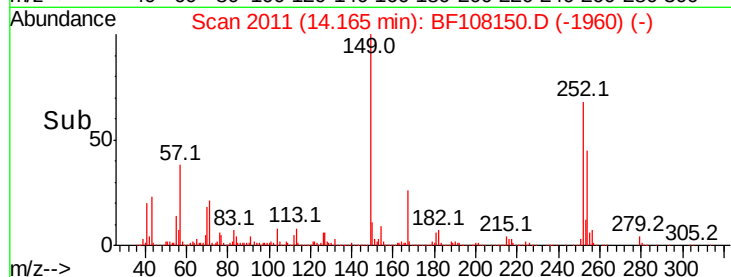
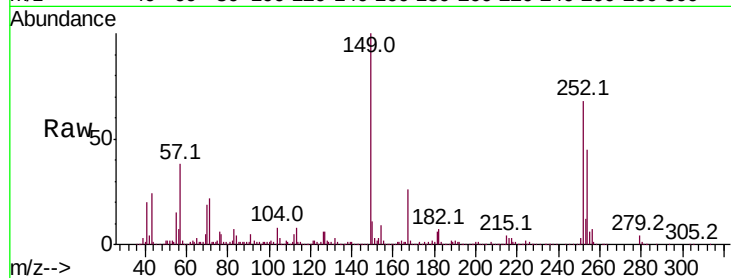
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	252	Resp:	293666
Ion Ratio	Lower	Upper	
252	100		
254	65.5	50.4	75.6
126	9.2	11.3	16.9#

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#82

Chrysene

Concen: 31.741 ng

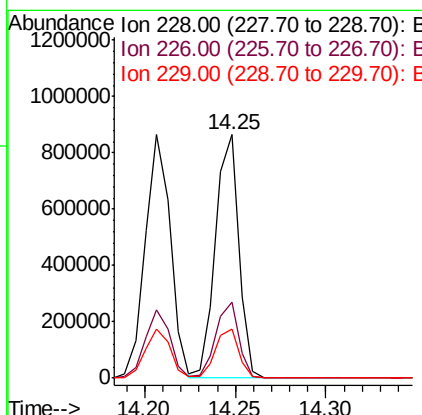
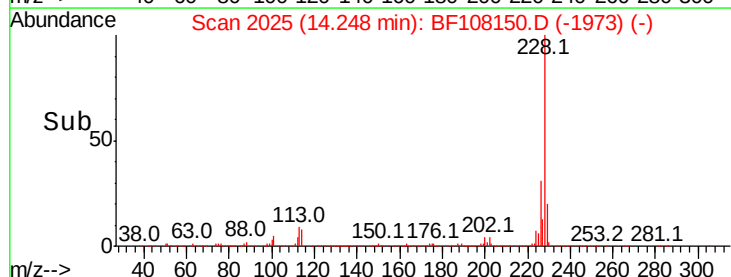
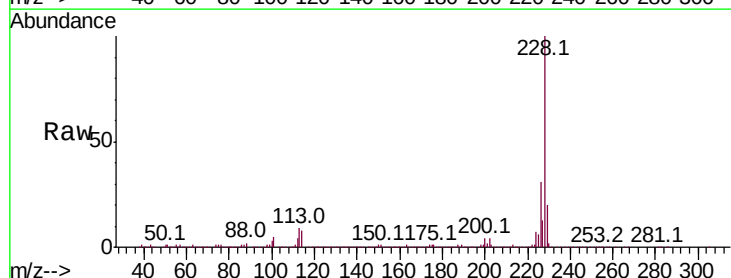
RT: 14.25 min Scan# 2025

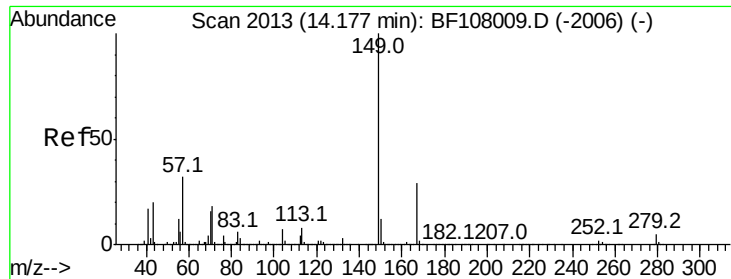
Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	228	Resp:	772363
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	20.0	16.2	24.4





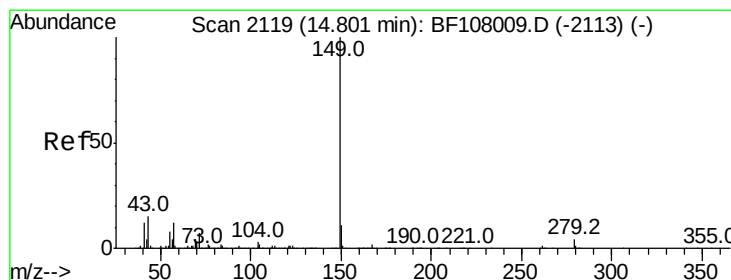
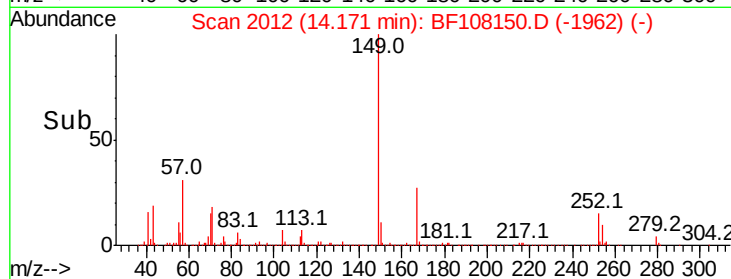
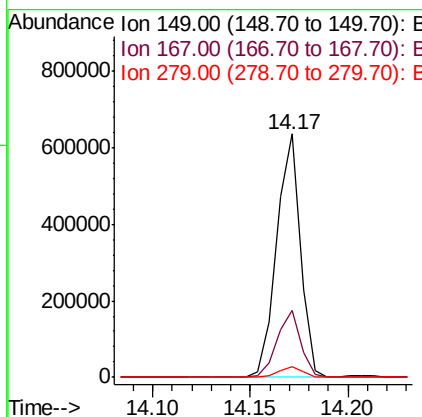
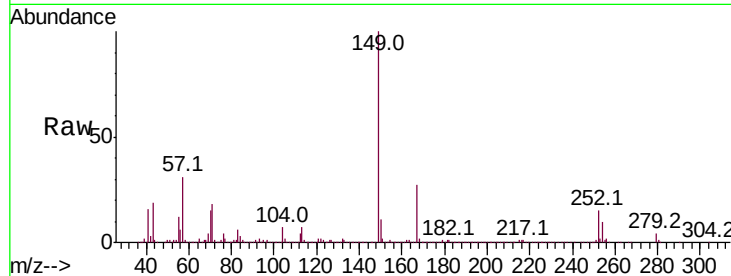
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.942 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	21.3	31.9	
279	4.5	3.0	4.4	

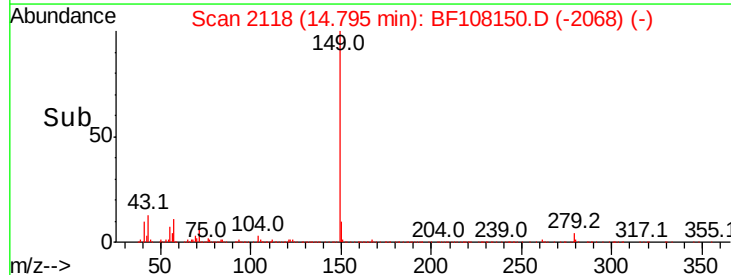
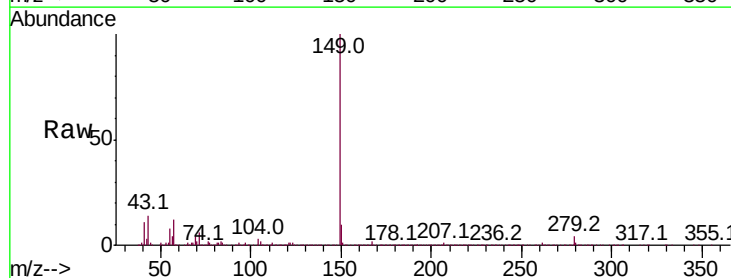
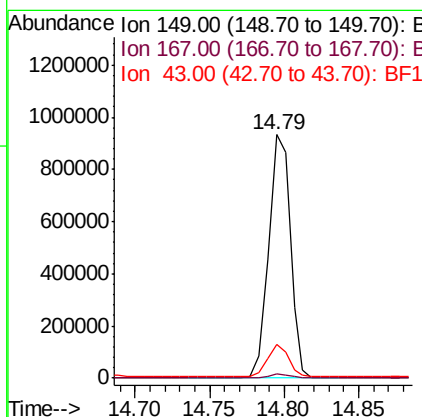
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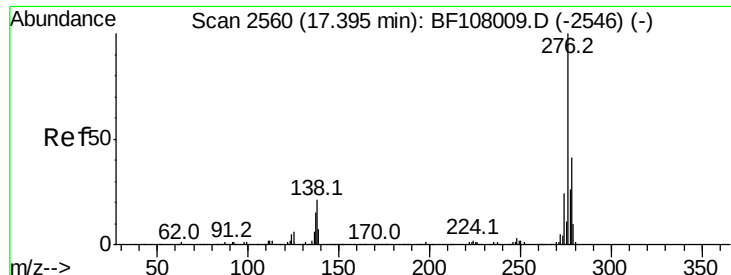
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#84
 Di-n-octyl phthalate
 Concen: 38.840 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	12.5	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.717 ng

RT: 17.41 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

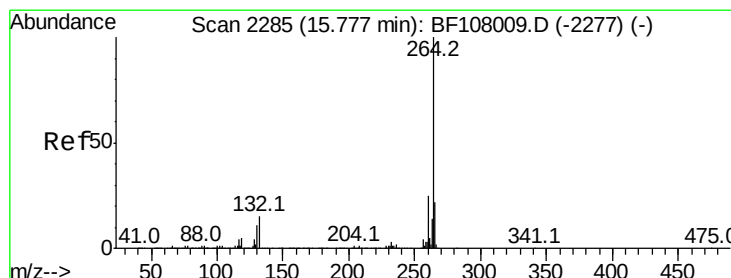
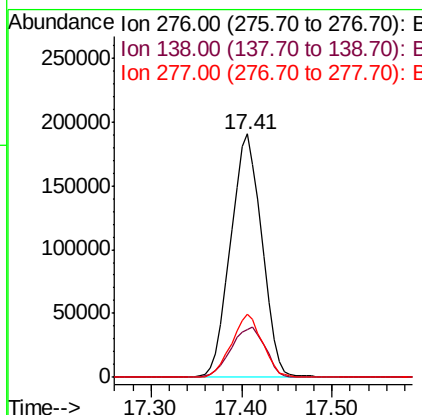
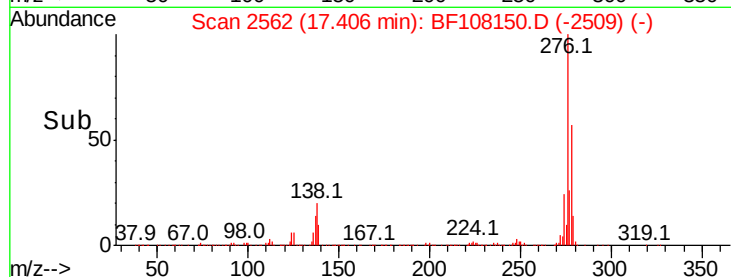
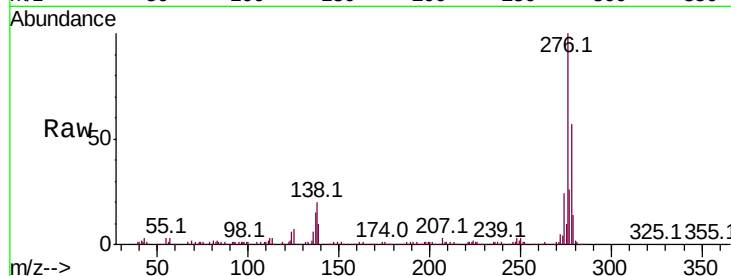
ClientSampleId :

RA-080918-FL-001MSD

Tot Ion:	276	Resp:	457880
Ion Ratio	Lower	Upper	
276	100		
138	22.8	25.0	37.6#
277	25.7	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

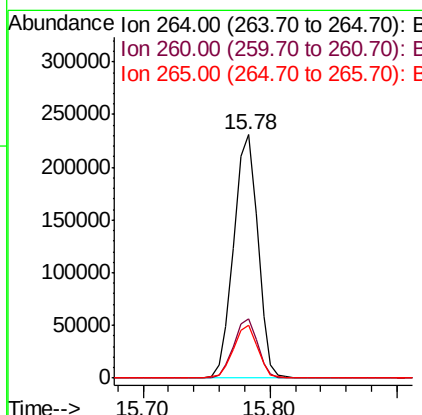
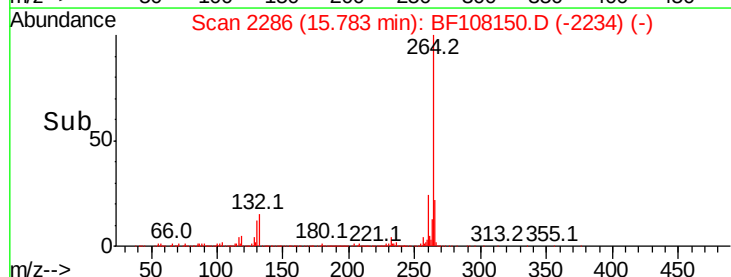
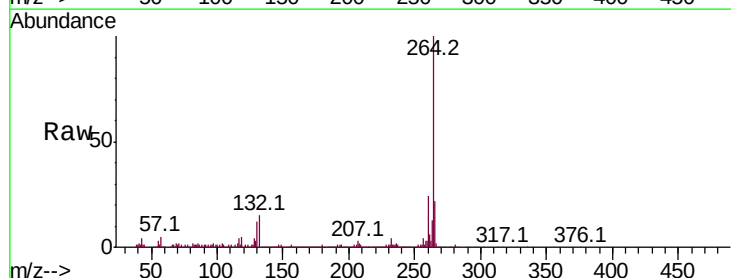
RT: 15.78 min Scan# 2286

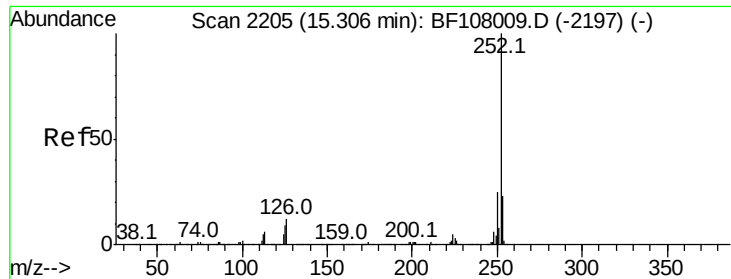
Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion:	264	Resp:	304787
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 32.857 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Instrument :

BNA_F

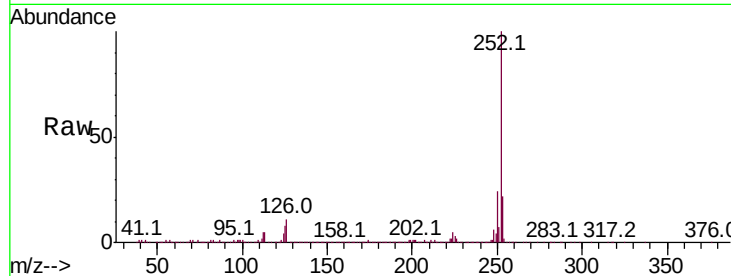
ClientSampleId :

RA-080918-FL-001MSD

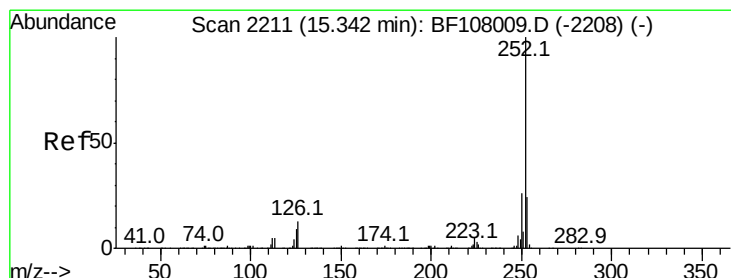
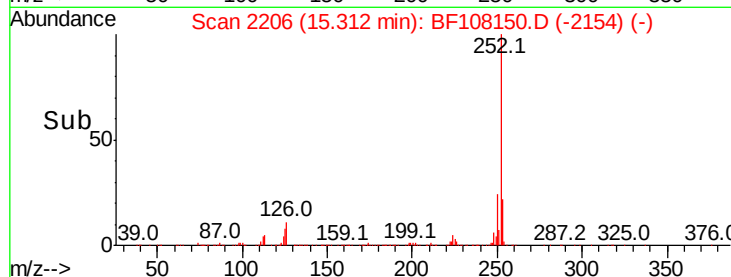
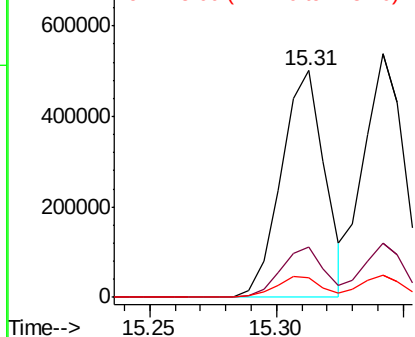
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.5	9.0	13.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.242 ng

RT: 15.34 min Scan# 2211

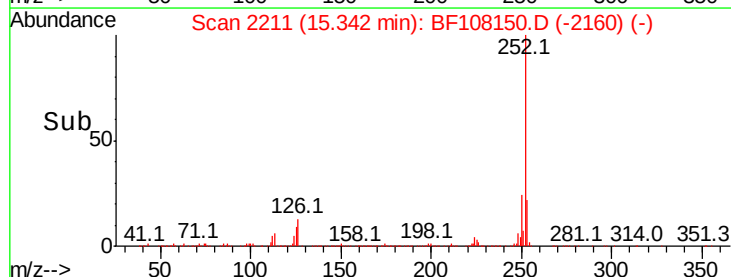
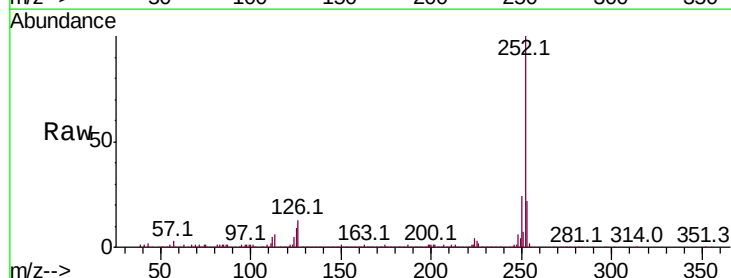
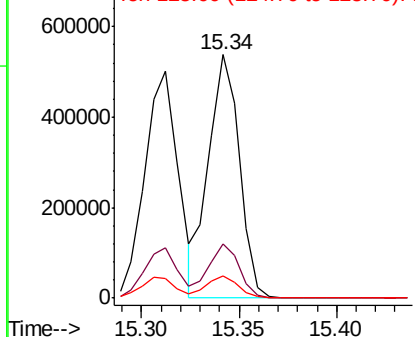
Delta R.T. 0.00 min

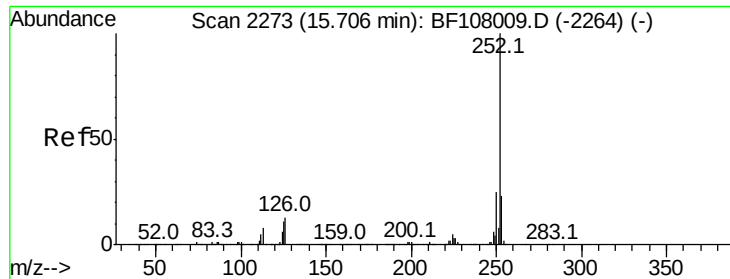
Lab File: BF108150.D

Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.9	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





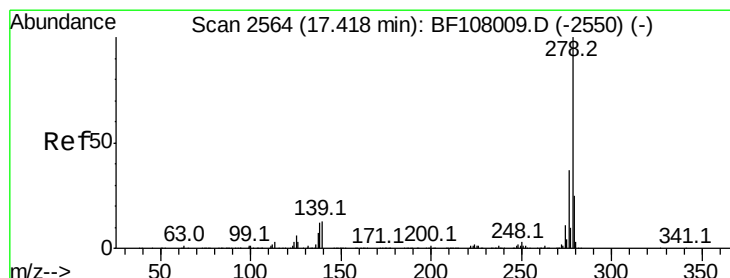
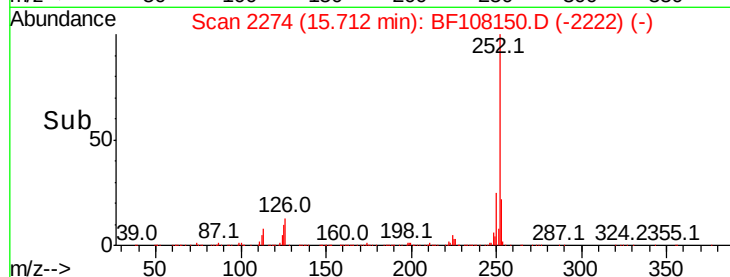
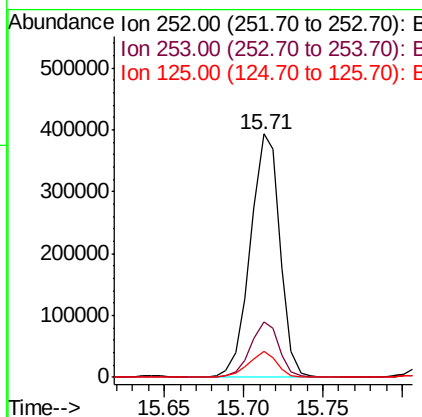
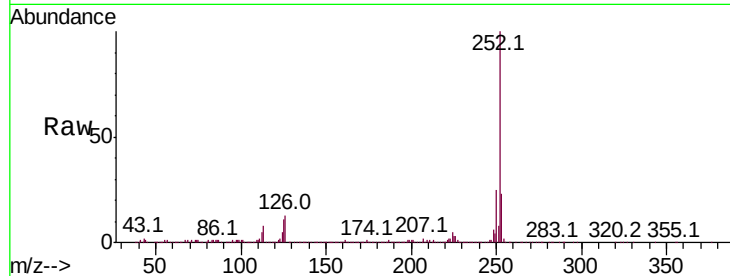
#89
Benzo(a)pyrene
Concen: 31.199 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.6	9.8	14.6

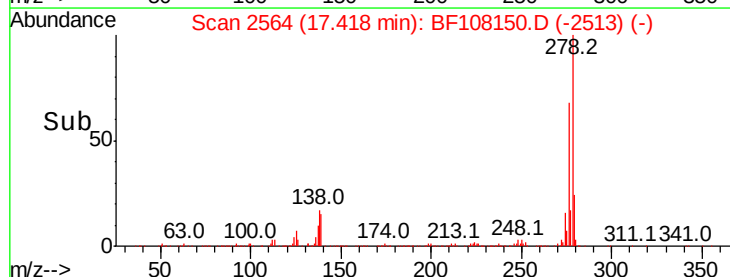
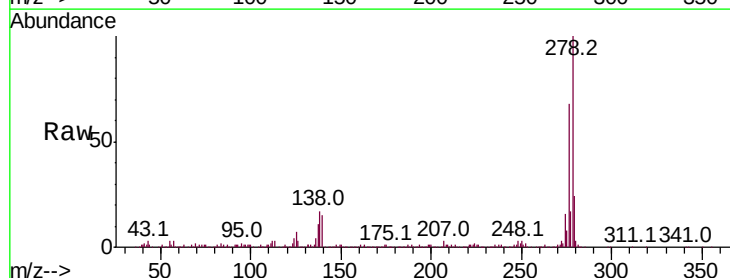
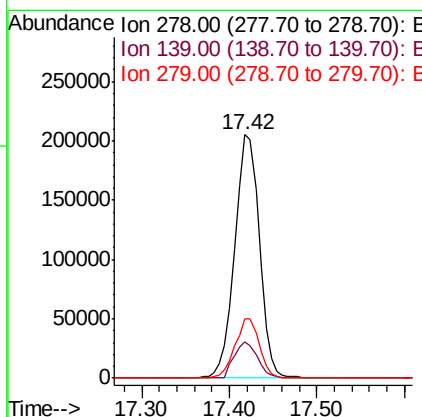
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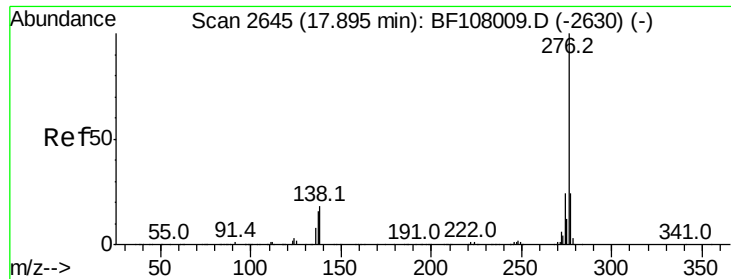
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 29.012 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108150.D
Acq: 14 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 28.560 ng
 RT: 17.90 min Scan# 2646
 Delta R.T. 0.01 min
 Lab File: BF108150.D
 Acq: 14 Aug 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.1	21.8	32.8#

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