

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108425.D
 Acq On : 23 Aug 2018 17:07
 Operator : JU/SJ
 Sample : J4535-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 12:14:00 PM

Quant Time: Aug 23 19:16:56 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135815	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	519775	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	264800	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	540930	20.00	ng	0.00
75) Chrysene-d12	14.19	240	375317	20.00	ng	0.00
86) Perylene-d12	15.75	264	292715	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	830667	110.73	ng	0.00
7) Phenol-d6	6.62	99	1114759	111.83	ng	0.00
23) Nitrobenzene-d5	7.57	82	744866	79.97	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	348994	132.13	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1259949	76.39	ng	0.00
78) Terphenyl-d14	13.13	244	1428331	96.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	117280	30.426	ng	90
3) Pyridine	3.72	79	327018	32.934	ng	# 84
4) n-Nitrosodimethylamine	3.68	42	186977	33.465	ng	84
6) Aniline	6.67	93	406158	29.953	ng	96
8) 2-Chlorophenol	6.79	128	331171	39.197	ng	99
9) Benzaldehyde	6.55	77	160336	20.745	ng	97
10) Phenol	6.64	94	427049	41.415	ng	96
11) bis(2-Chloroethyl)ether	6.73	93	318290	38.181	ng	91
12) 1,3-Dichlorobenzene	6.94	146	367796	37.648	ng	99
13) 1,4-Dichlorobenzene	7.02	146	369992	37.695	ng	97
14) 1,2-Dichlorobenzene	7.17	146	345790	37.875	ng	99
15) Benzyl Alcohol	7.14	79	309505	36.880	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	608365	35.424	ng	99
17) 2-Methylphenol	7.24	107	286610	39.557	ng	94
18) Hexachloroethane	7.51	117	132938	38.043	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	248556	36.871	ng	90
20) 3+4-Methylphenols	7.40	107	352595	37.975	ng	# 89
22) Acetophenone	7.41	105	475542	39.127	ng	# 93
24) Nitrobenzene	7.58	77	374973	39.810	ng	96
25) Isophorone	7.82	82	682154	38.422	ng	97
26) 2-Nitrophenol	7.90	139	170012	47.795	ng	# 87
27) 2,4-Dimethylphenol	7.92	122	302801	38.427	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	409495	39.509	ng	99
29) 2,4-Dichlorophenol	8.14	162	300584	41.451	ng	100
30) 1,2,4-Trichlorobenzene	8.22	180	312217	39.051	ng	96
31) Naphthalene	8.31	128	959335	40.584	ng	100
32) Benzoic acid	8.00	122	25993	10.951	ng	94
33) 4-Chloroaniline	8.35	127	255142	24.768	ng	97
34) Hexachlorobutadiene	8.41	225	199011	39.320	ng	97
35) Caprolactam	8.72	113	87541m	38.523	ng	
36) 4-Chloro-3-methylphenol	8.83	107	317294	40.560	ng	98
37) 2-Methylnaphthalene	9.00	142	663394	39.666	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	337061	41.450	ng	98
40) Hexachlorocyclopentadiene	9.15	237	303522	57.788	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	225299	44.648	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	239774	43.164	ng	# 94
45) 1,1'-Biphenyl	9.46	154	816570	41.825	ng	99
46) 2-Chloronaphthalene	9.49	162	631012	40.893	ng	99
47) 2-Nitroaniline	9.58	65	219031	43.869	ng	84
48) Acenaphthylene	9.91	152	1003980	41.155	ng	99
49) Dimethylphthalate	9.76	163	875902	47.486	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	170382	44.150	ng	89
51) Acenaphthene	10.08	154	595575	39.860	ng	98
52) 3-Nitroaniline	10.00	138	142565	33.764	ng	97
53) 2,4-Dinitrophenol	10.11	184	81870	58.732	ng	# 24
54) Dibenzofuran	10.25	168	885329	40.898	ng	97
55) 4-Nitrophenol	10.16	139	250306	78.284	ng	84
56) 2,4-Dinitrotoluene	10.24	165	226549	45.606	ng	# 94
57) Fluorene	10.60	166	705779	41.186	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	209582	45.140	ng	# 85
59) Diethylphthalate	10.46	149	746434	41.790	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	361933	40.533	ng	94
61) 4-Nitroaniline	10.62	138	180568	43.254	ng	93
62) Azobenzene	10.75	77	734512	39.820	ng	92
64) 4,6-Dinitro-2-methylphenol	10.64	198	83638	41.945	ng	92
65) n-Nitrosodiphenylamine	10.71	169	648023	40.540	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	234327	39.862	ng	# 86
67) Hexachlorobenzene	11.15	284	243409	39.354	ng	# 87
68) Atrazine	11.23	200	219774	40.992	ng	96
69) Pentachlorophenol	11.34	266	241833	81.688	ng	97
70) Phenanthrene	11.57	178	1030484	40.389	ng	99
71) Anthracene	11.62	178	1069226	40.889	ng	100
72) Carbazole	11.77	167	936833	40.323	ng	99
73) Di-n-butylphthalate	12.09	149	1124257	42.721	ng	99
74) Fluoranthene	12.77	202	1115949	40.077	ng	94
76) Benzidine	12.88	184	220129	15.698	ng	98
77) Pyrene	13.00	202	1100038	46.295	ng	100
79) Butylbenzylphthalate	13.59	149	440203	46.655	ng	99
80) Benzo(a)anthracene	14.19	228	870156	40.398	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	205354	26.603	ng	# 95
82) Chrysene	14.22	228	787779	39.893	ng	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	560016	43.830	ng	98
84) Di-n-octyl phthalate	14.77	149	799455	41.026	ng	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	723206	42.268	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	653882m	37.384	ng	
88) Benzo(k)fluoranthene	15.31	252	636859	39.610	ng	# 96
89) Benzo(a)pyrene	15.68	252	621652	39.690	ng	# 97
90) Dibenzo(a,h)anthracene	17.38	278	612617	47.272	ng	# 93
91) Benzo(g,h,i)perylene	17.86	276	601131	47.107	ng	# 90

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



#1

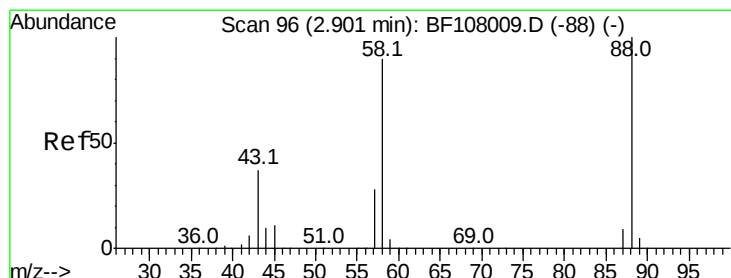
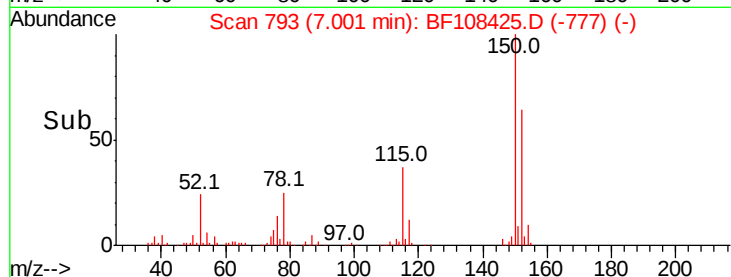
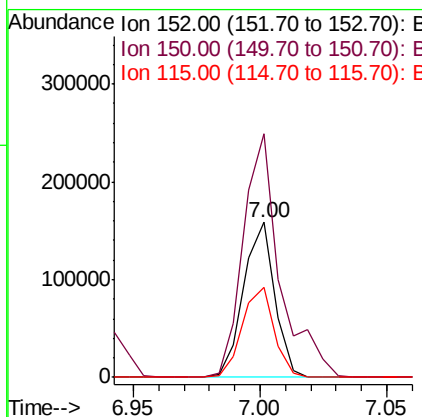
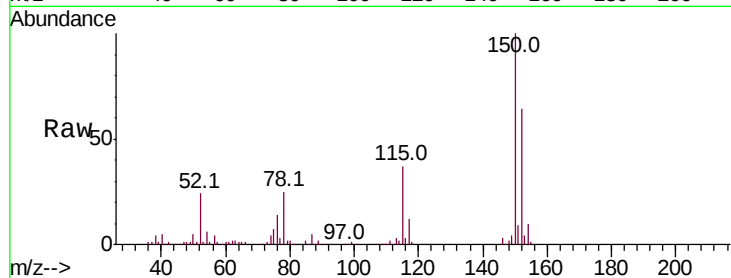
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.4	50.1	75.1

Manual Integrations
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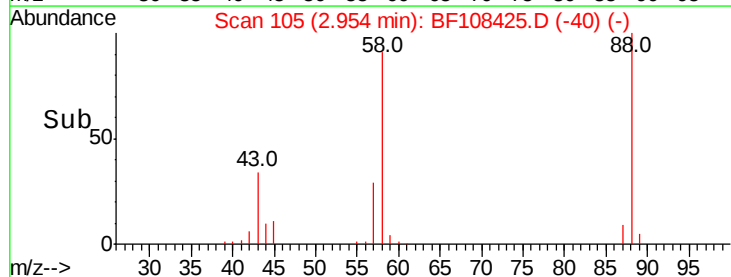
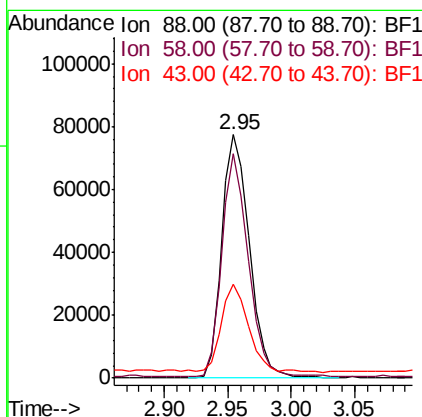
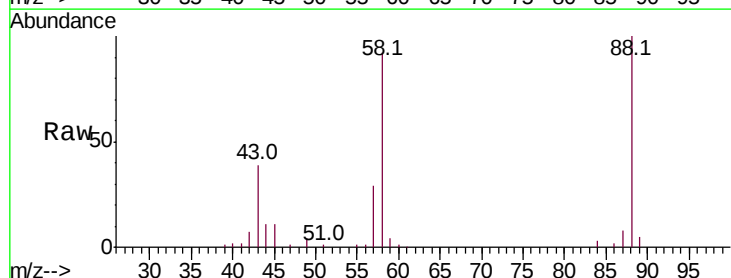
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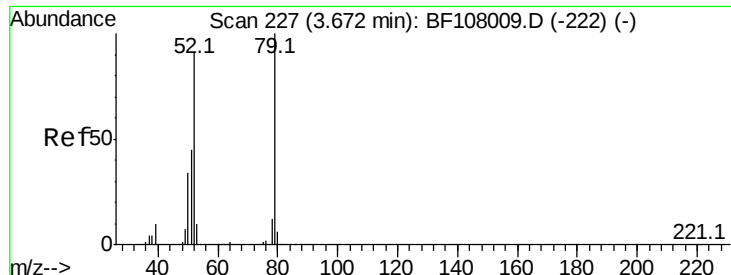


#2

1,4-Dioxane
Concen: 30.426 ng
RT: 2.95 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	62.6	93.8
43	35.5	24.6	37.0





#3

Pvridine

Concen: 32.934 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

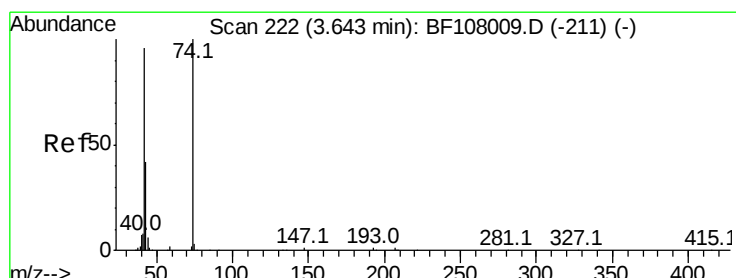
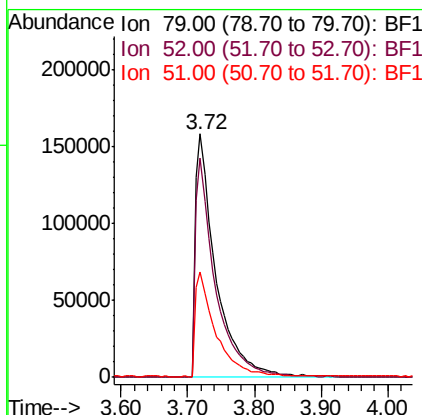
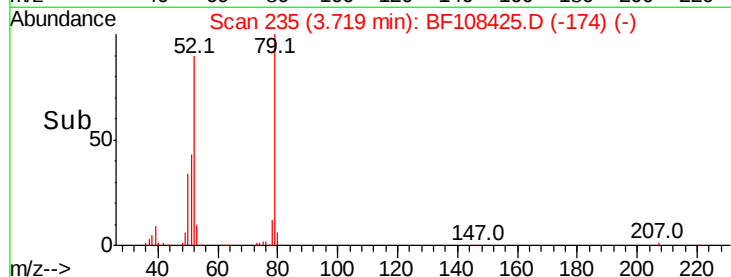
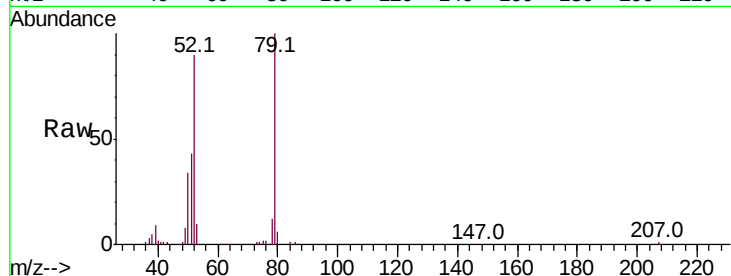
ClientSampleId :

RA-081618-FL-036MS

Tot Ion:	79	Resp:	327018
Ion Ratio	Lower	Upper	
79	100		
52	90.3	59.8	89.6#
51	43.3	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.465 ng

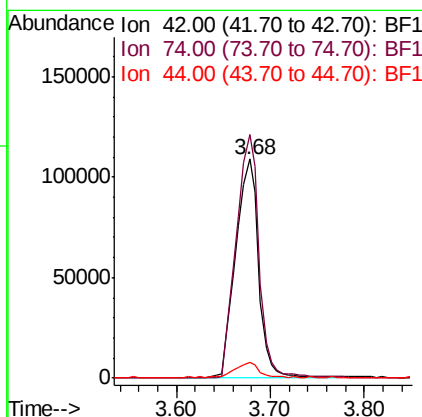
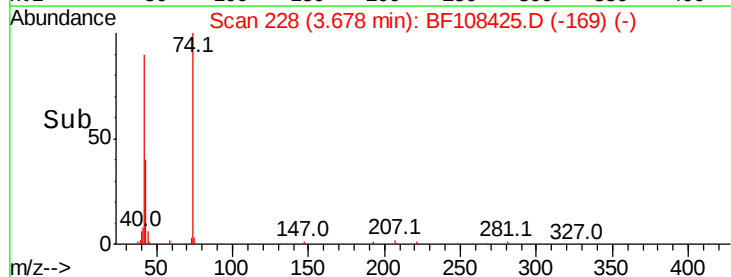
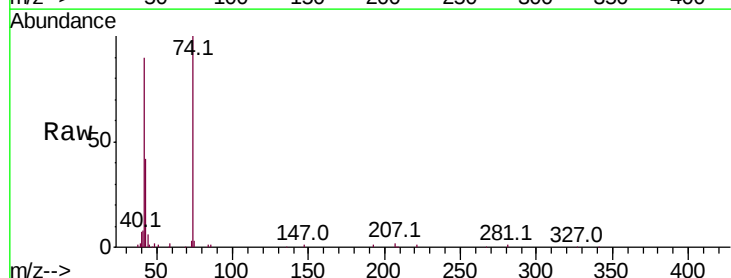
RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion:	42	Resp:	186977
Ion Ratio	Lower	Upper	
42	100		
74	111.2	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 110.730 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

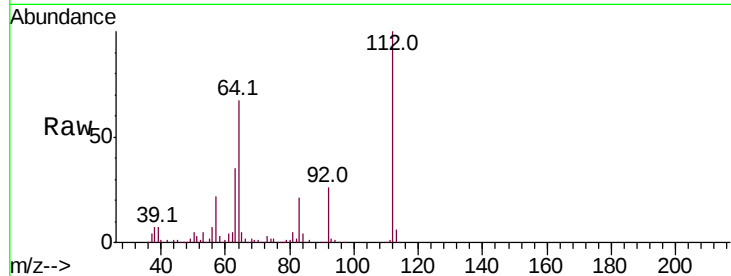
ClientSampleId :

RA-081618-FL-036MS

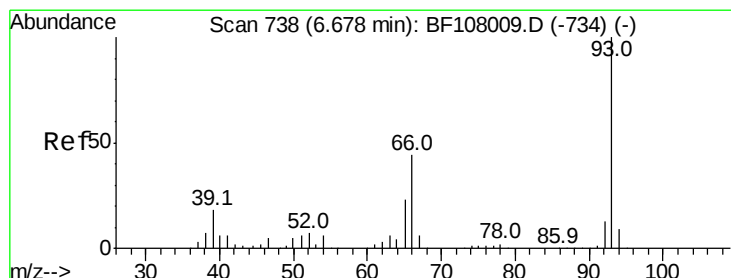
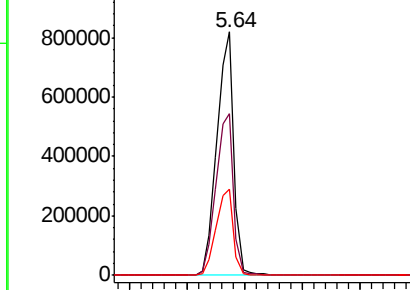
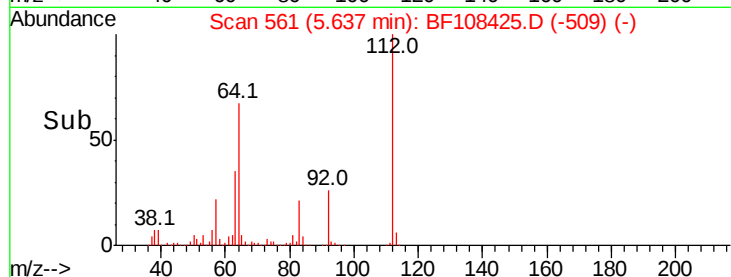
Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	66.6	47.9	71.9	
63	35.4	23.7	35.5	

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.953 ng

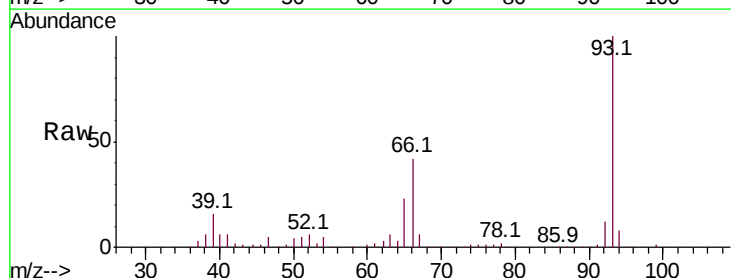
RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

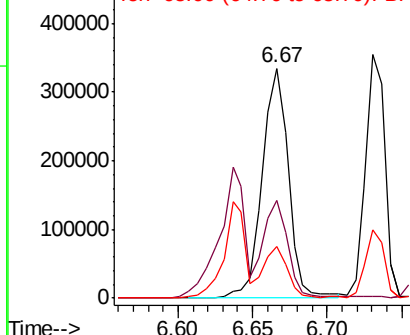
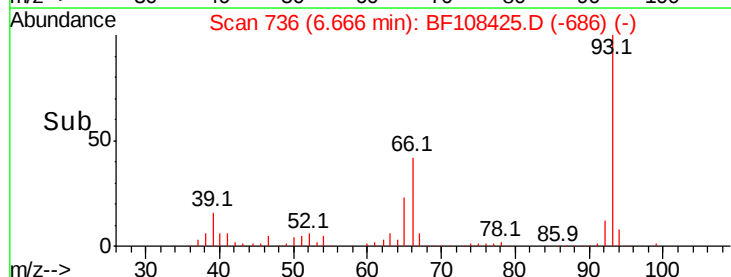
Lab File: BF108425.D

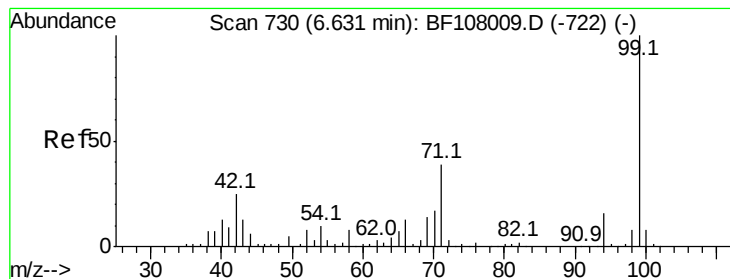
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	42.4	32.2	48.2	
65	22.6	16.4	24.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.825 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MS

Tot Ion: 99 Resp: 1114759

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

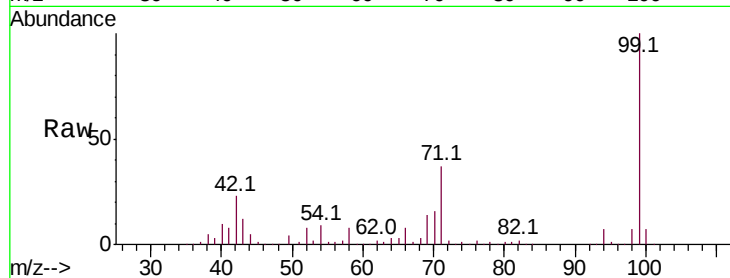
71 37.1 25.4 38.0

Manual Integrations

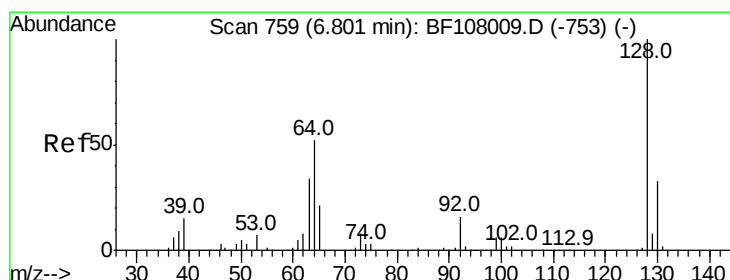
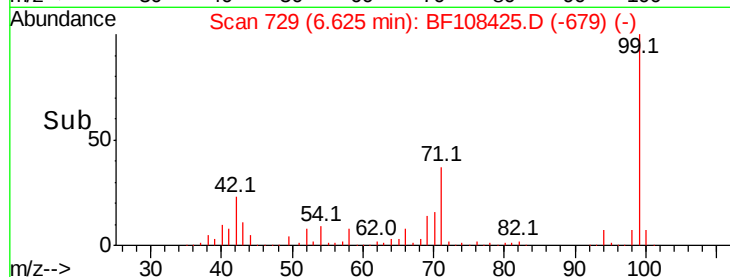
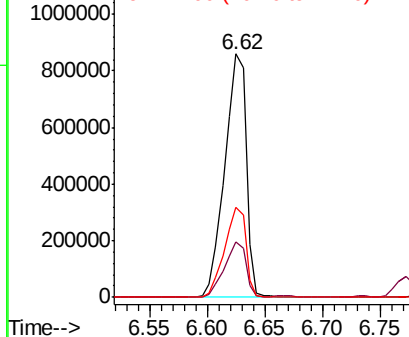
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.197 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

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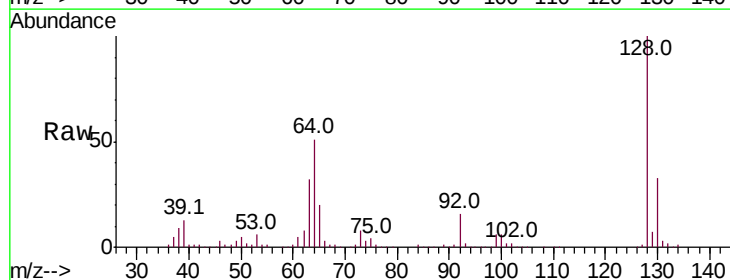
Tgt Ion:128 Resp: 331171

Ion Ratio Lower Upper

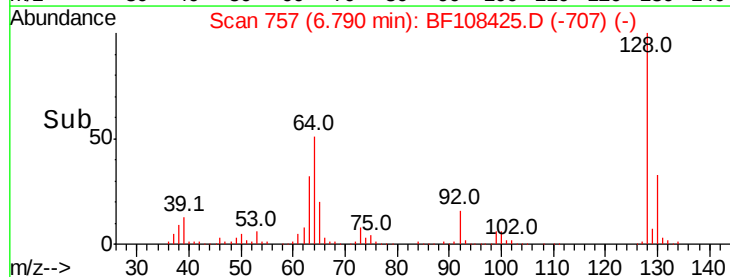
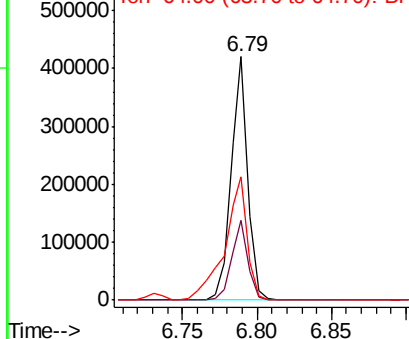
128 100

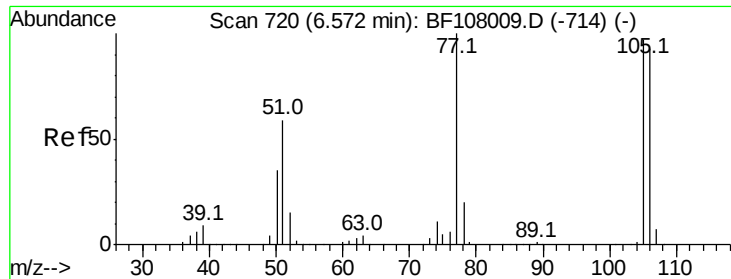
130 32.9 13.0 53.0

64 50.5 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: 20.745 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

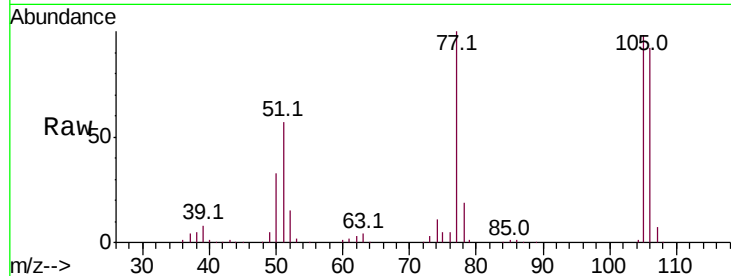
ClientSampleId :

RA-081618-FL-036MS

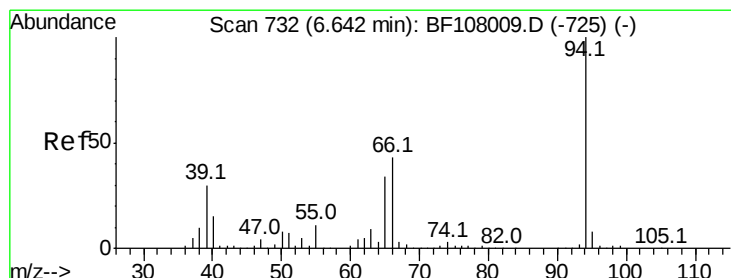
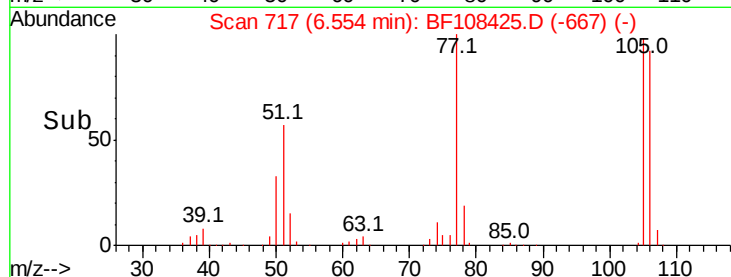
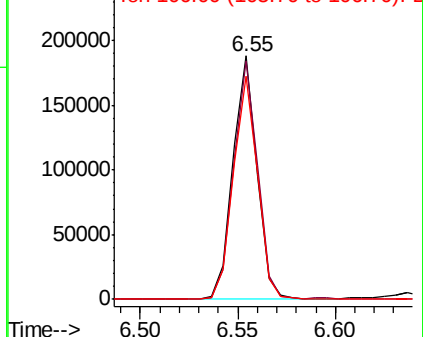
Tot Ion:	77	Resp:	160336
Ion Ratio	Lower	Upper	
77	100		
105	98.0	81.1	121.1
106	91.7	74.5	114.5

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: 41.415 ng

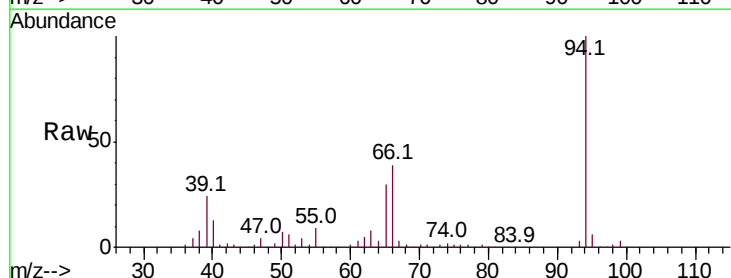
RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

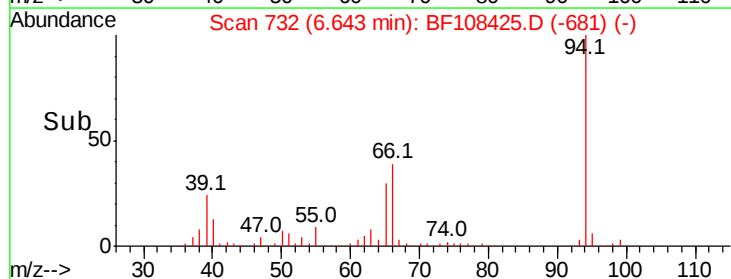
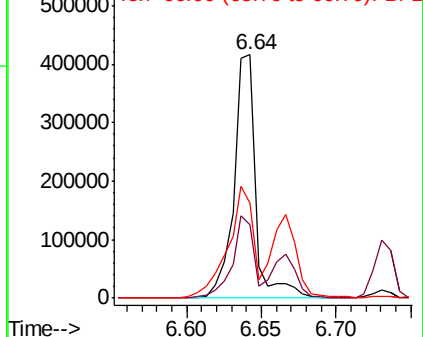
Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion:	94	Resp:	427049
Ion Ratio	Lower	Upper	
94	100		
65	30.0	7.9	47.9
66	39.0	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: 38.181 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

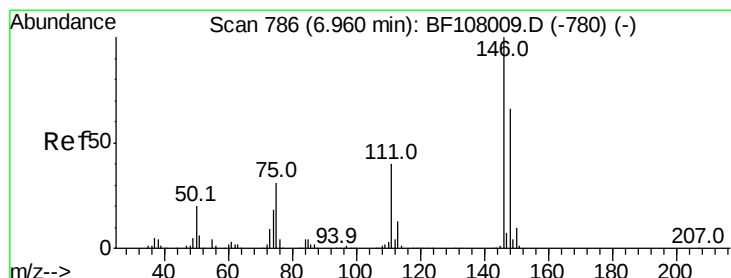
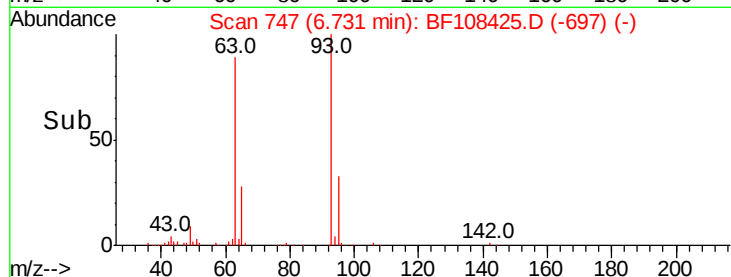
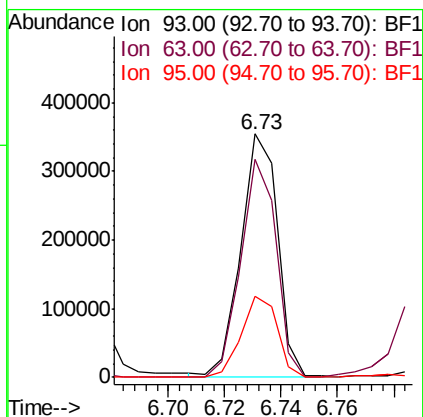
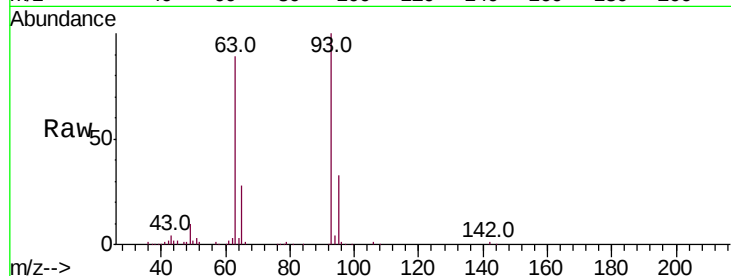
ClientSampleId :

RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	58.6	98.6
95	33.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.648 ng

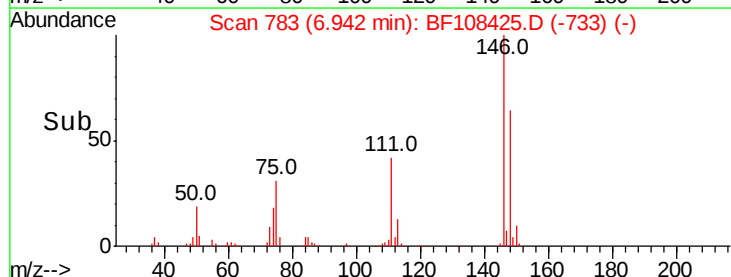
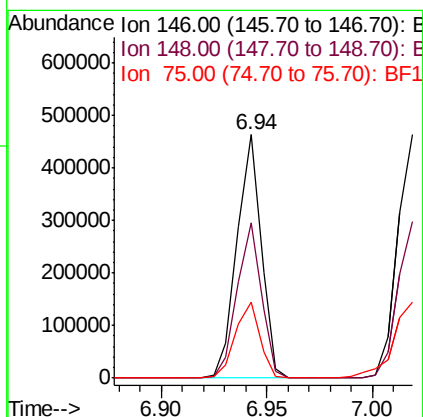
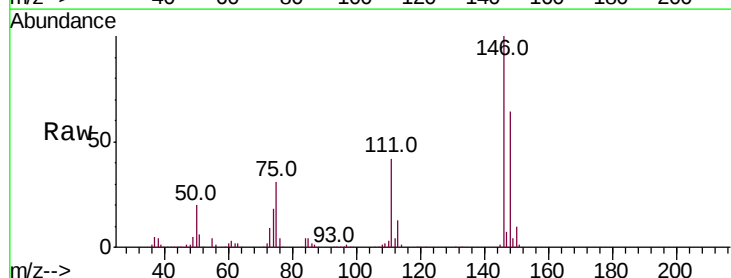
RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	31.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.695 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

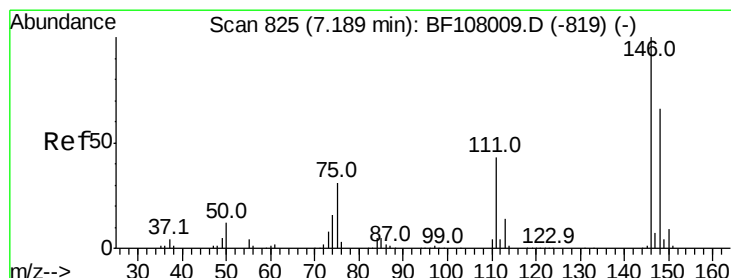
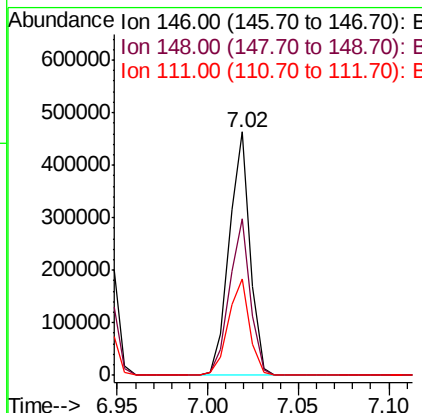
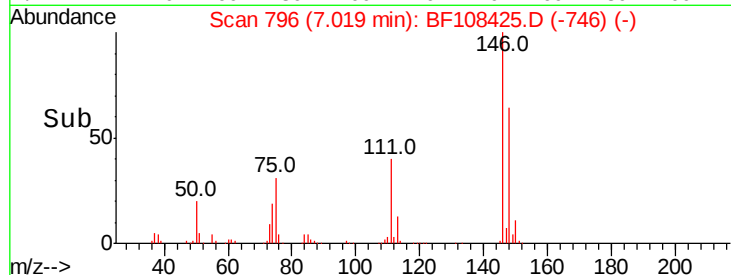
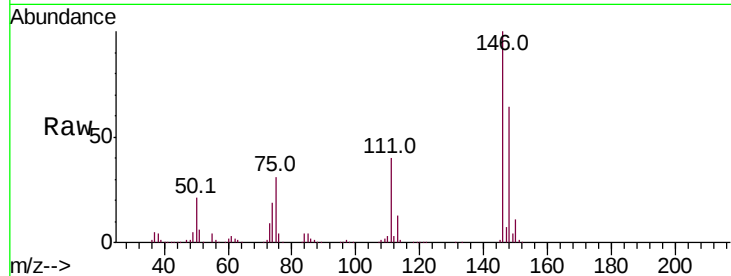
ClientSampleId :

RA-081618-FL-036MS

Tot Ion:	146	Resp:	369992
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	39.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.875 ng

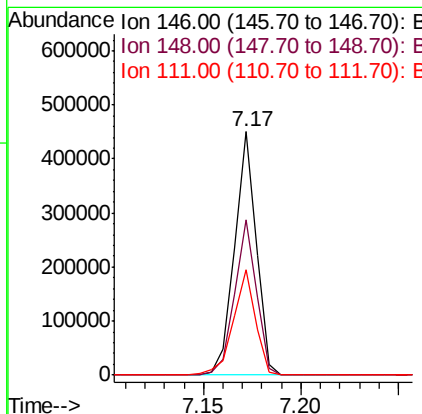
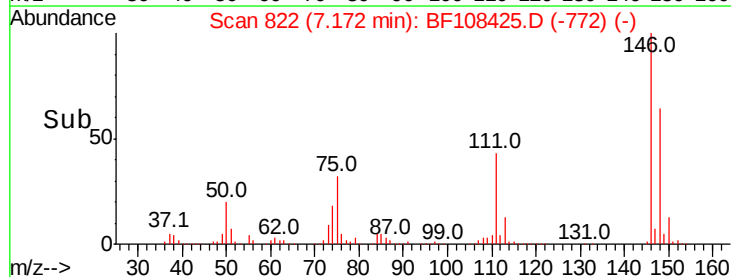
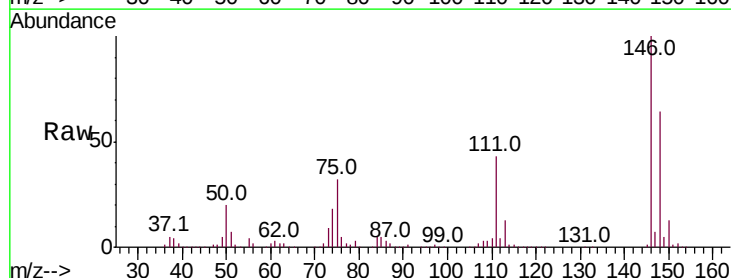
RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion:	146	Resp:	345790
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.880 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

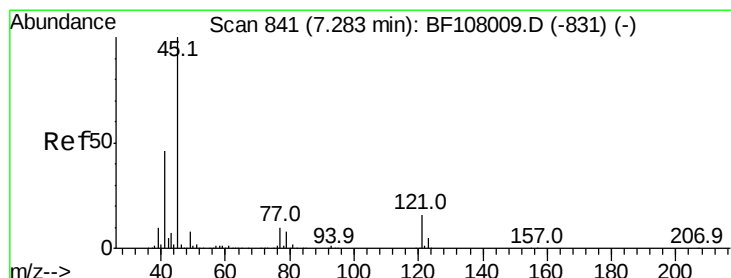
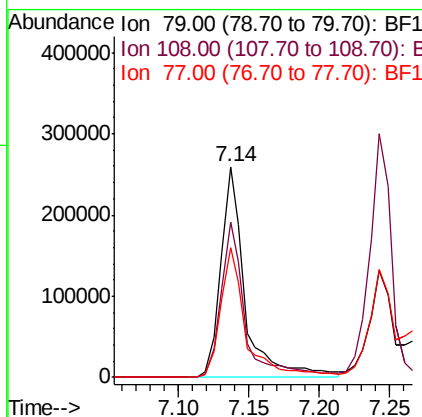
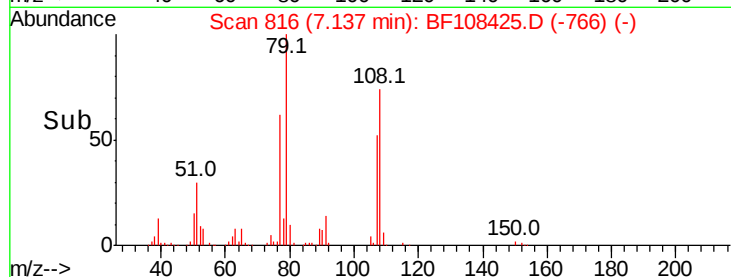
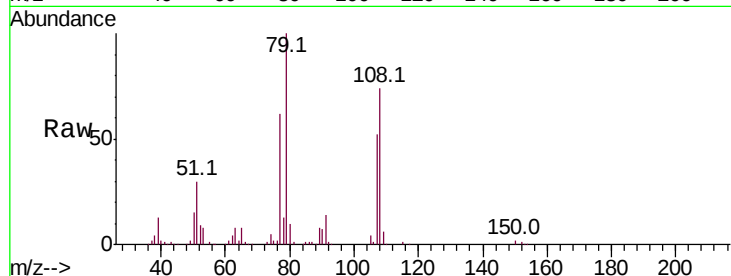
ClientSampleId :

RA-081618-FL-036MS

Tot Ion	79	Resp	309505
Ion Ratio	Lower	Upper	
79	100		
108	73.7	65.1	97.7
77	61.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.424 ng

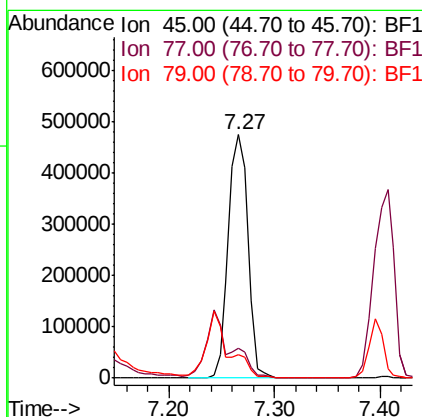
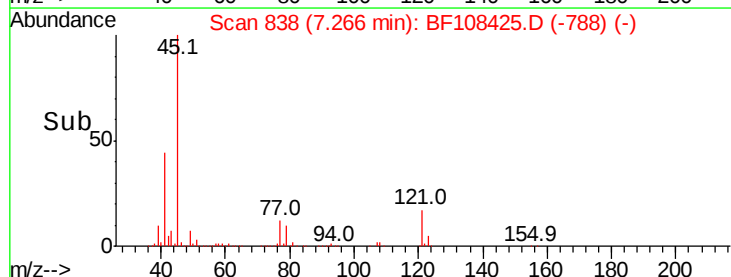
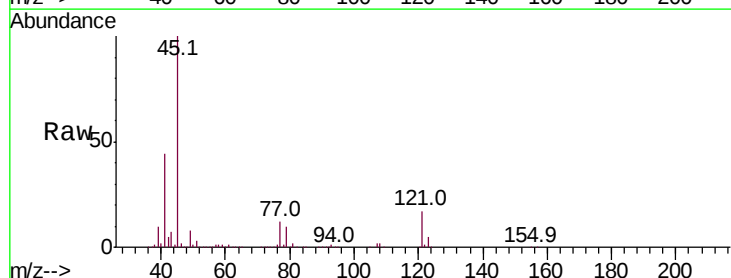
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion	45	Resp	608365
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.9
79	9.6	0.0	29.6





#17

2-Methylphenol

Concen: 39.557 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

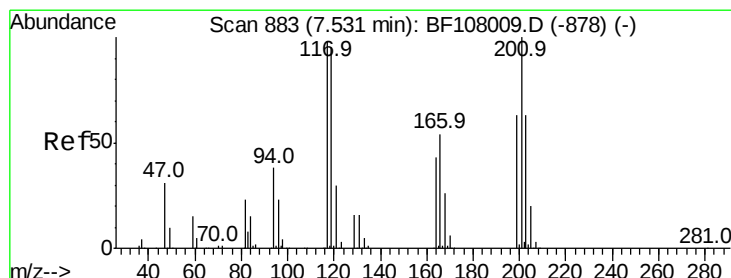
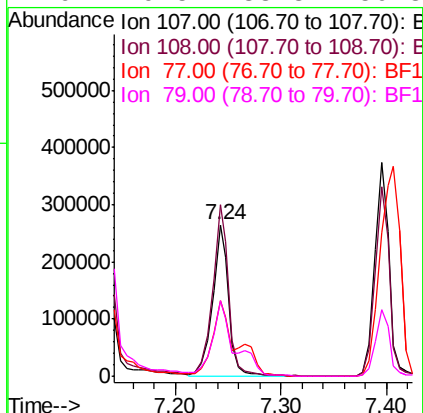
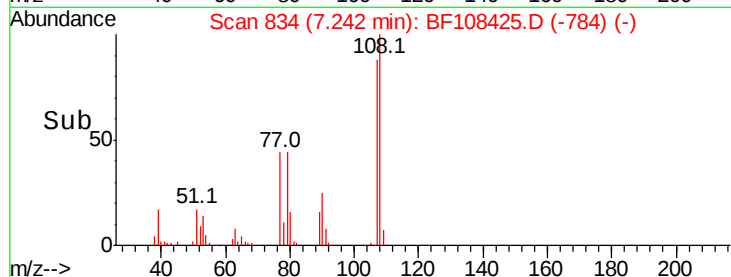
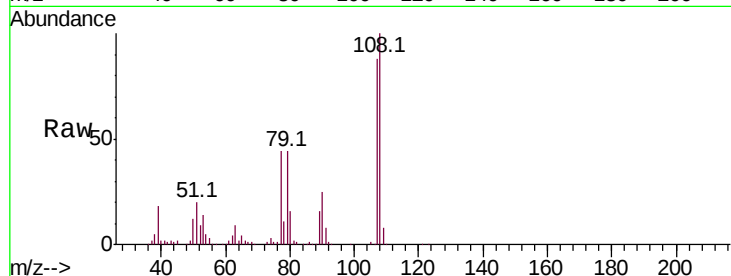
ClientSampleId :

RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	286610		
108	113.2	91.7	137.5	
77	50.2	33.8	50.8	
79	49.5	33.8	50.8	

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#18

Hexachloroethane

Concen: 38.043 ng

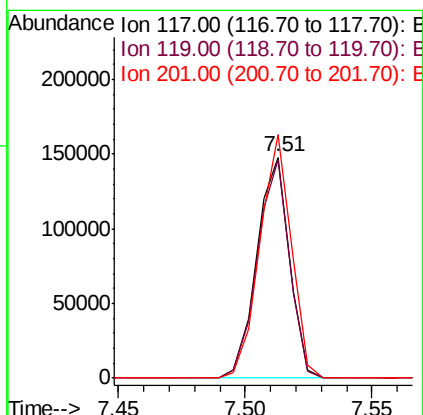
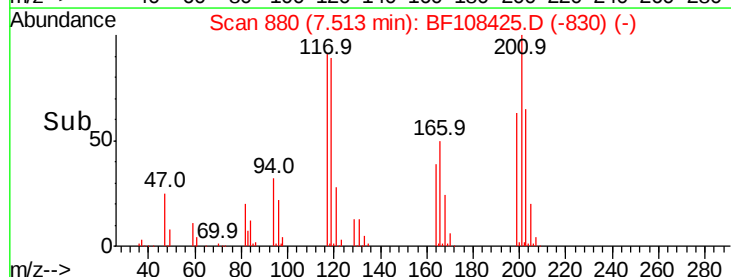
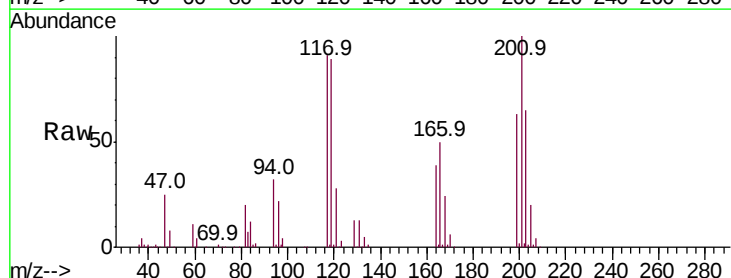
RT: 7.51 min Scan# 880

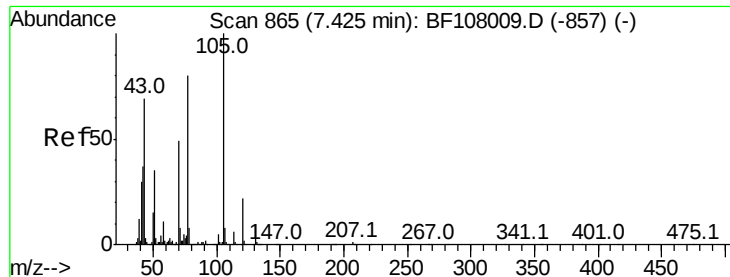
Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132938		
119	98.4	75.8	113.8	
201	110.2	75.7	113.5	





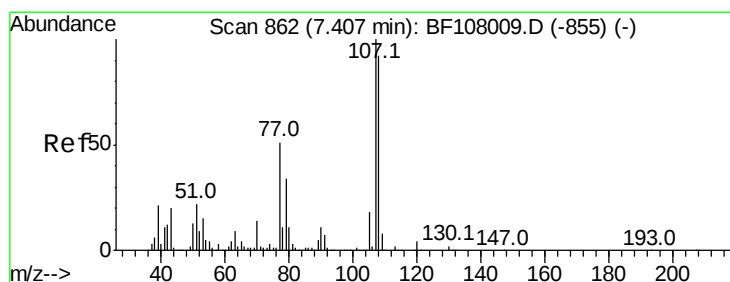
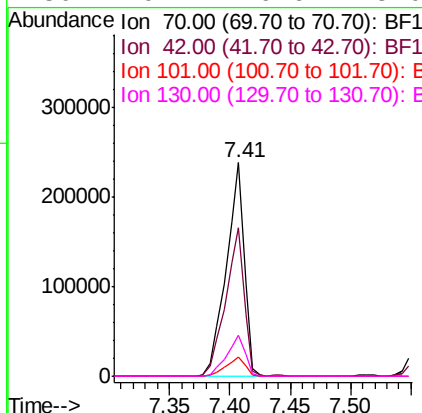
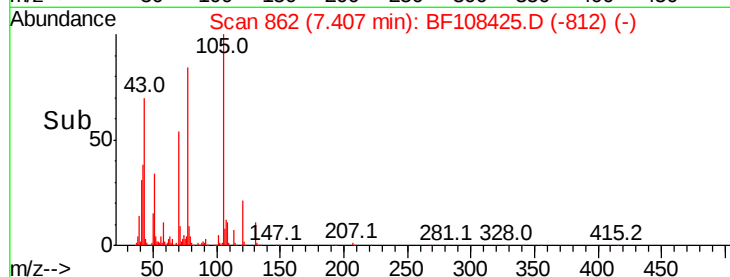
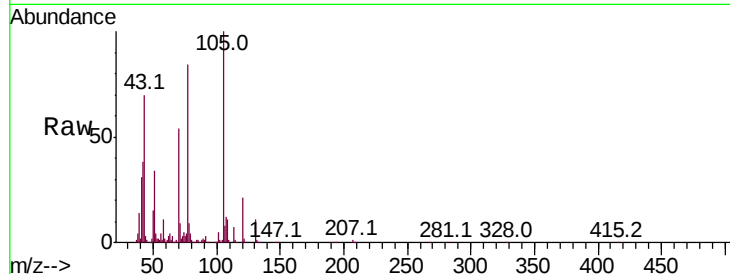
#19
n-Nitroso-di-n-propylamine
Concen: 36.871 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.8	47.5	71.3	
101	9.2	7.4	11.2	
130	19.4	16.6	25.0	

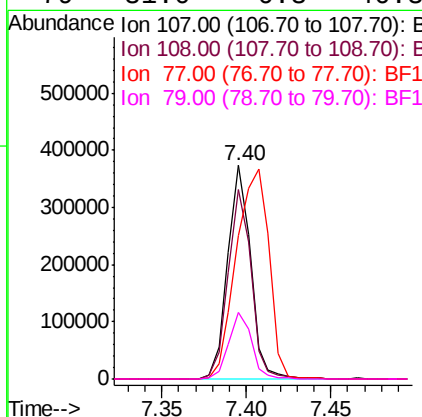
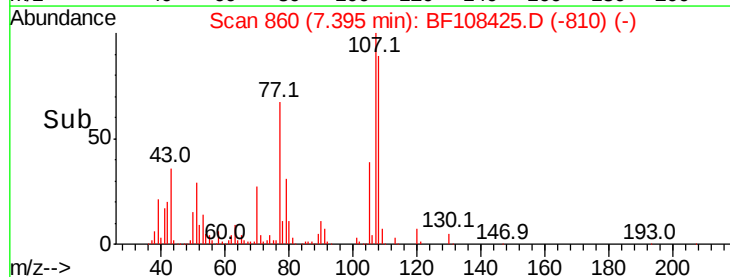
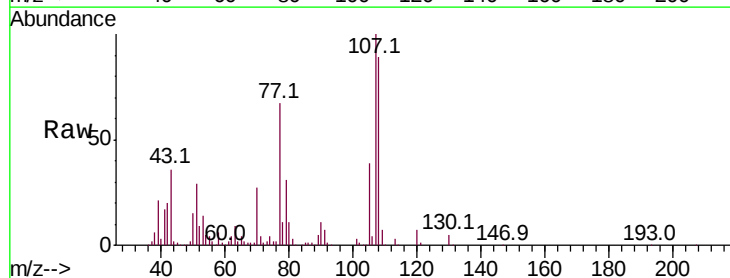
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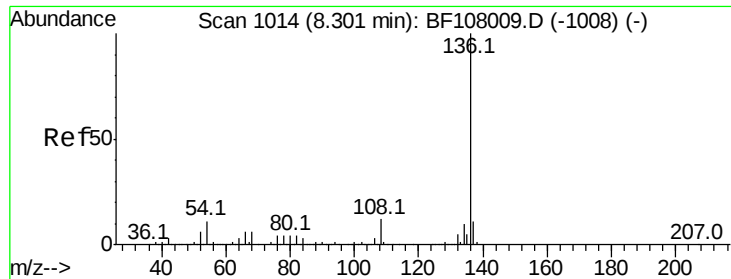
Sohil
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#20
3+4-Methylphenols
Concen: 37.975 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	68.2	108.2	
77	67.3	26.7	66.7#	
79	31.0	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

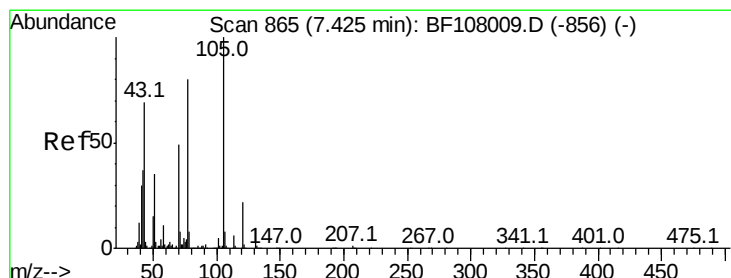
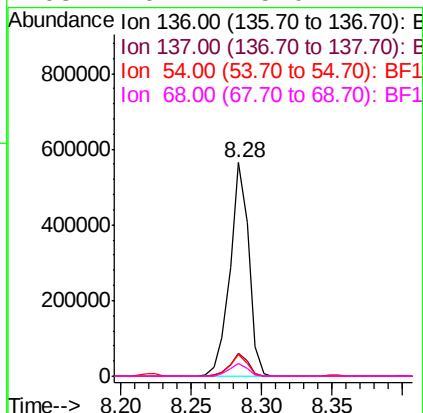
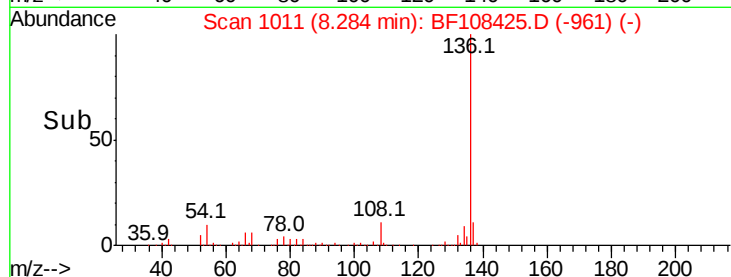
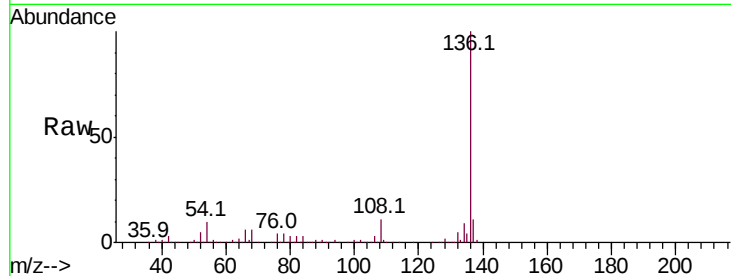
ClientSampleId :

RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	10.2	6.6	9.8	
68	6.2	5.0	7.4	

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#22

Acetophenone

Concen: 39.127 ng

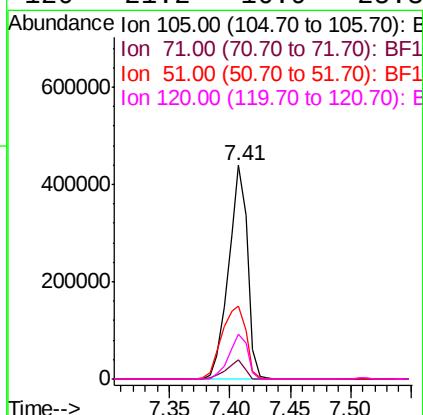
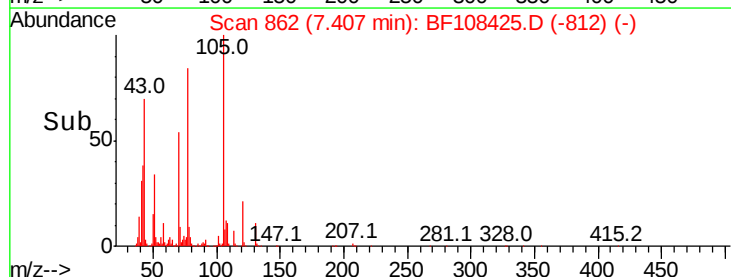
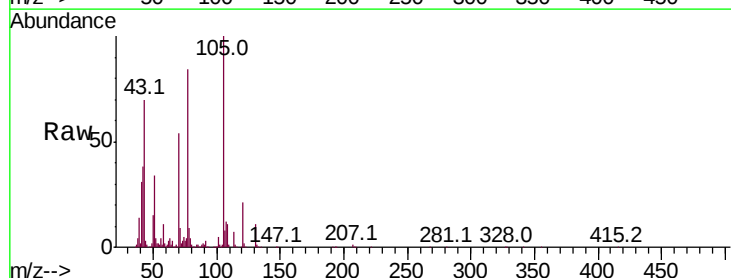
RT: 7.41 min Scan# 862

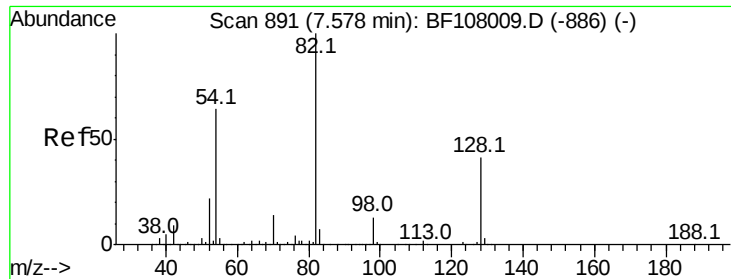
Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	4.4	6.6	
51	34.3	22.3	33.5	
120	21.2	16.9	25.3	





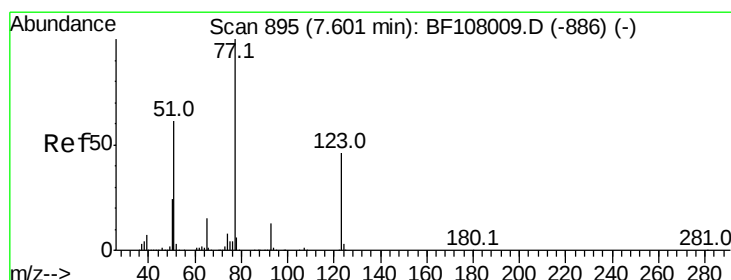
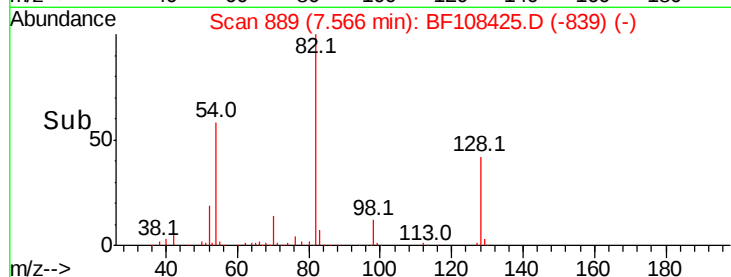
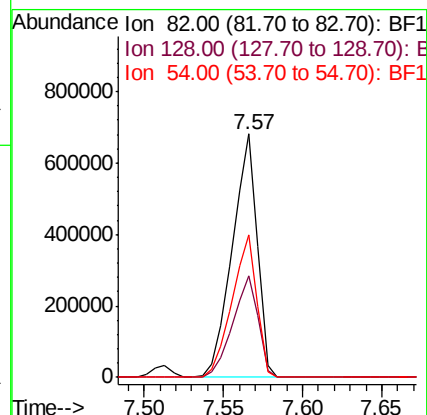
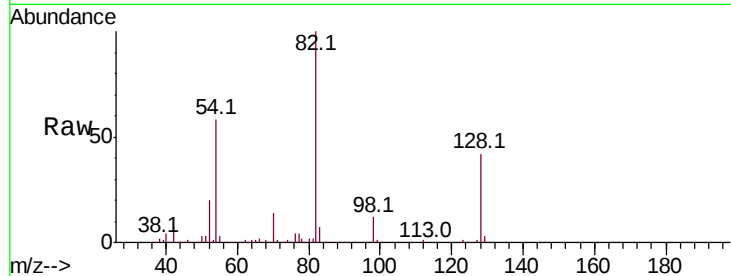
#23
Nitrobenzene-d5
Concen: 79.967 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.3	41.4	62.2

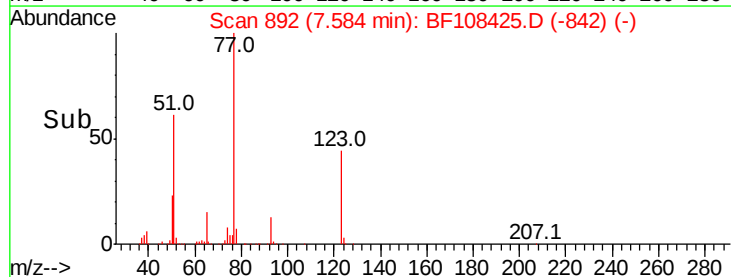
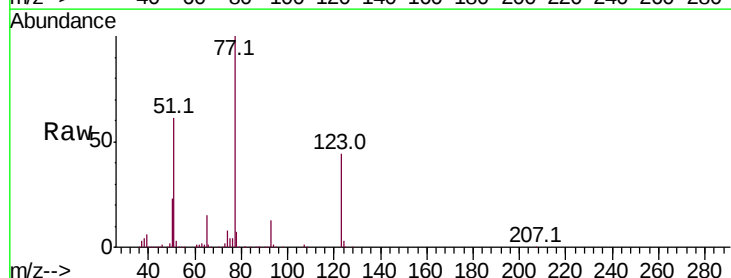
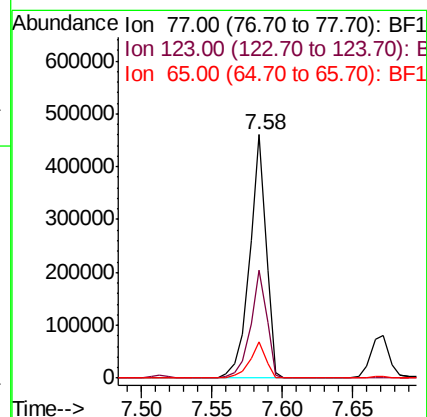
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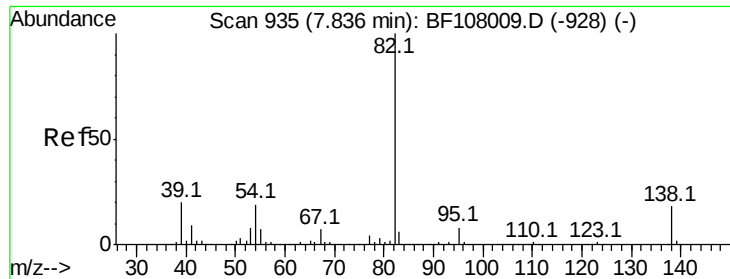
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#24
Nitrobenzene
Concen: 39.810 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	37.9	56.9
65	14.7	11.0	16.4





#25

Isophorone

Concen: 38.422 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

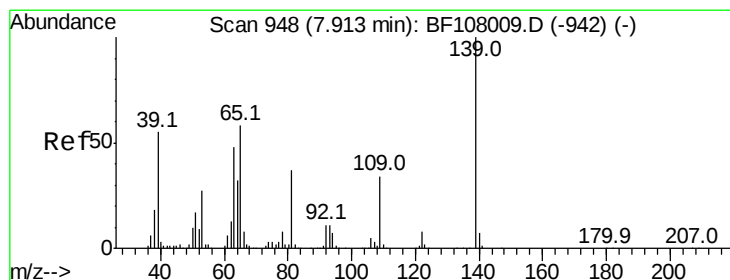
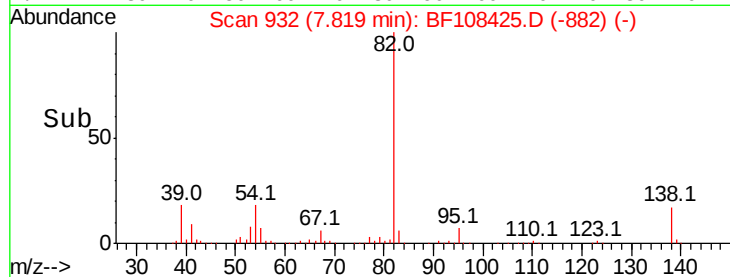
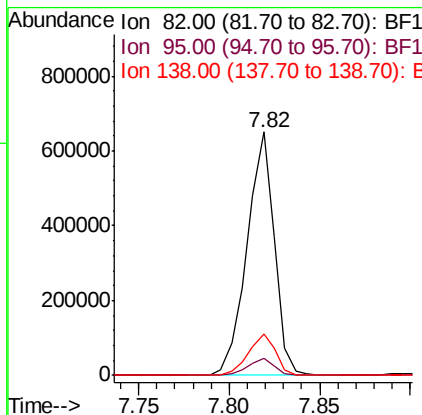
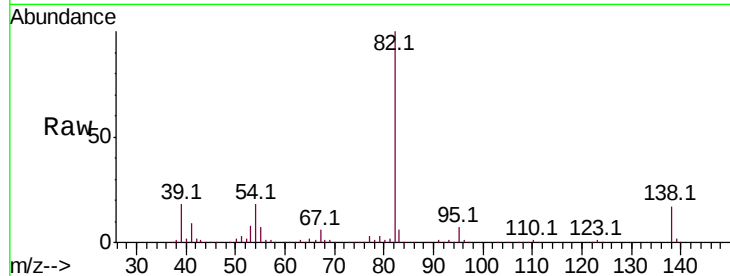
ClientSampleId :

RA-081618-FL-036MS

Tot Ion	82	Resp	682154
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.795 ng

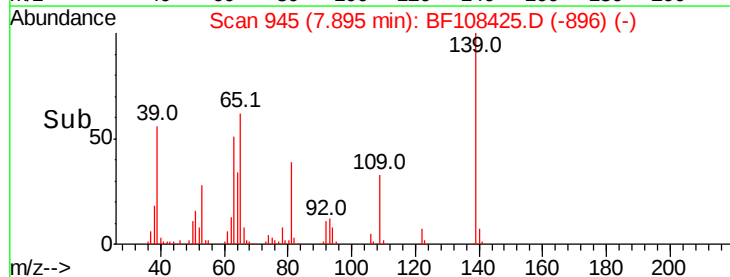
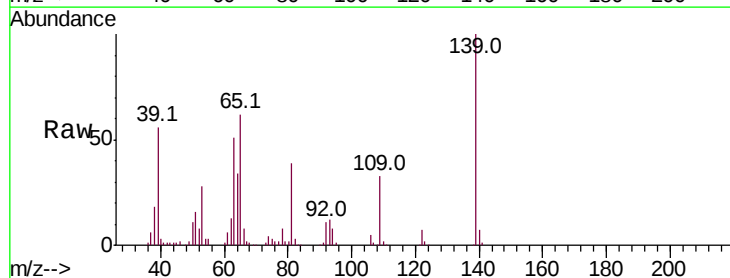
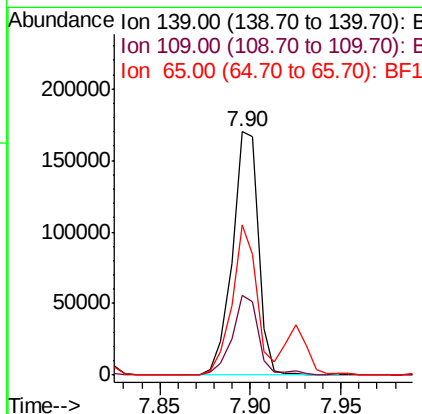
RT: 7.90 min Scan# 945

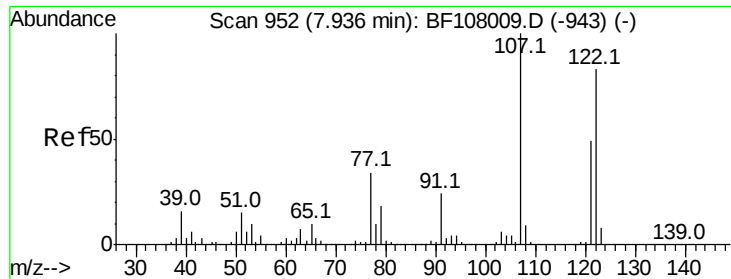
Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion	139	Resp	170012
Ion Ratio	Lower	Upper	
139	100		
109	33.0	22.7	34.1
65	61.8	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 38.427 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

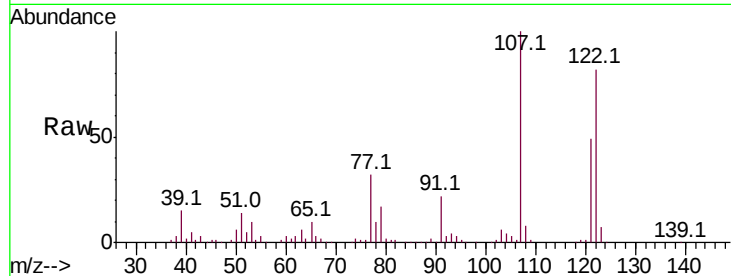
ClientSampleId :

RA-081618-FL-036MS

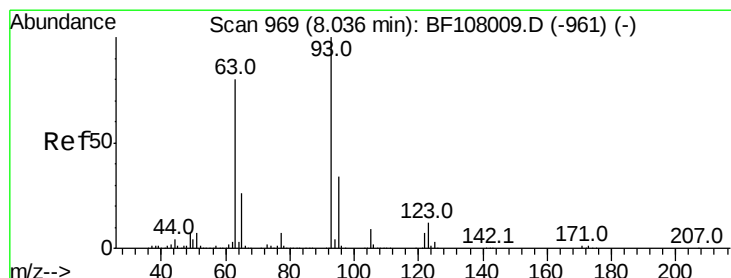
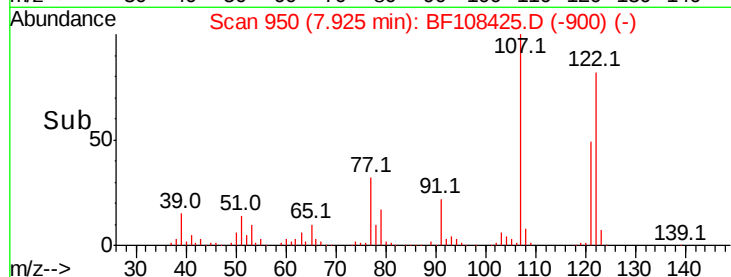
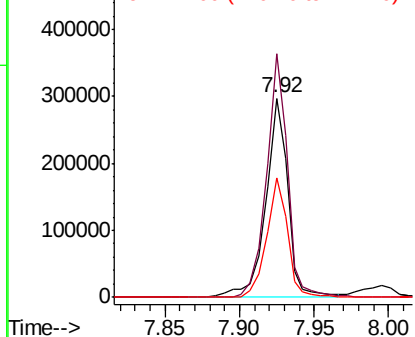
Tot Ion:	122	Resp:	302801
Ion Ratio	Lower	Upper	
122	100		
107	122.3	91.2	136.8
121	59.7	47.2	70.8

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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: 39.509 ng

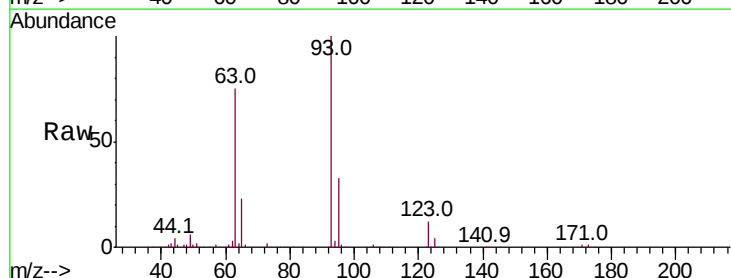
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

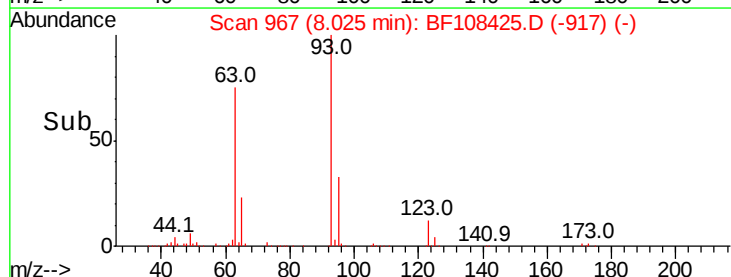
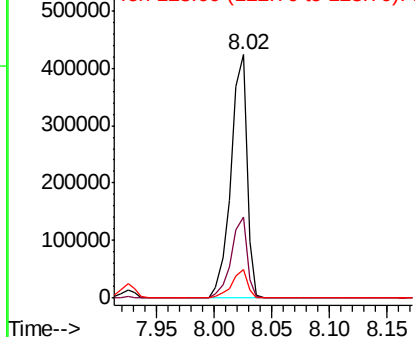
Lab File: BF108425.D

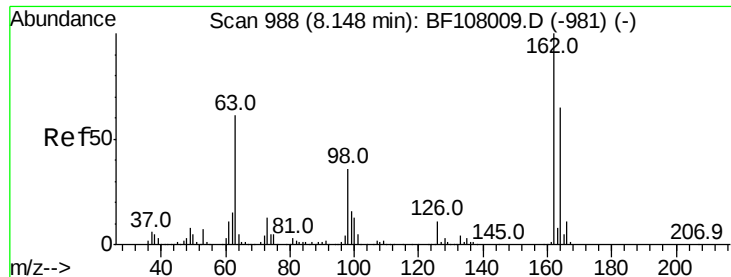
Acq: 23 Aug 2018 17:07

Tgt Ion:	93	Resp:	409495
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.7	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





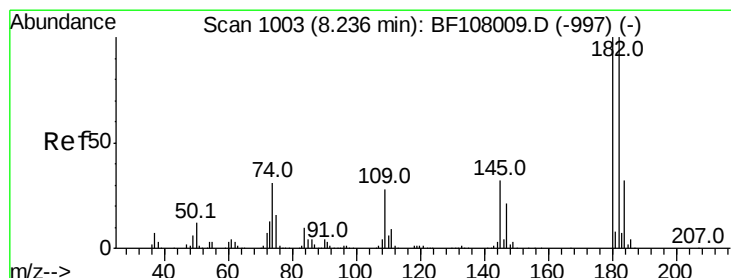
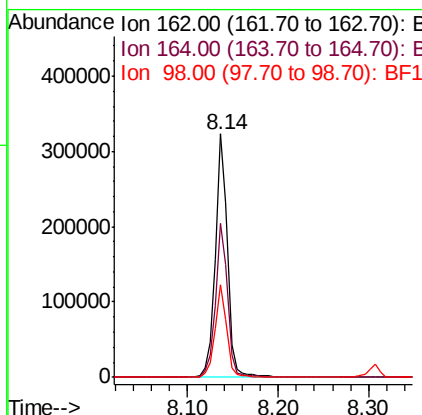
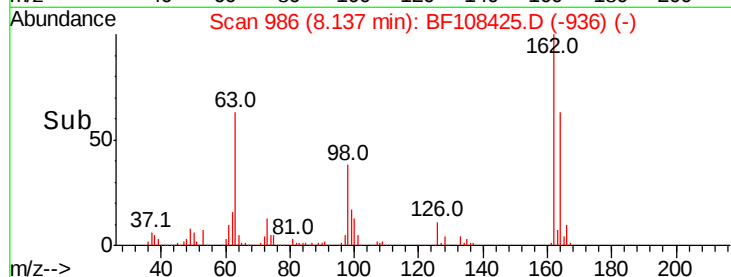
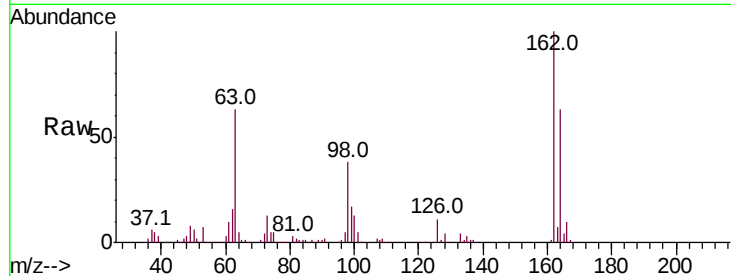
#29
2,4-Dichlorophenol
Concen: 41.451 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	300584		
164	63.0		42.7	82.7
98	38.0		18.1	58.1

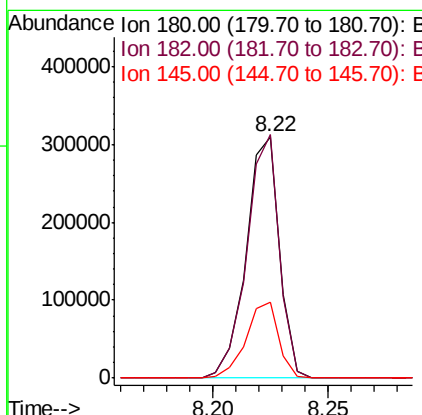
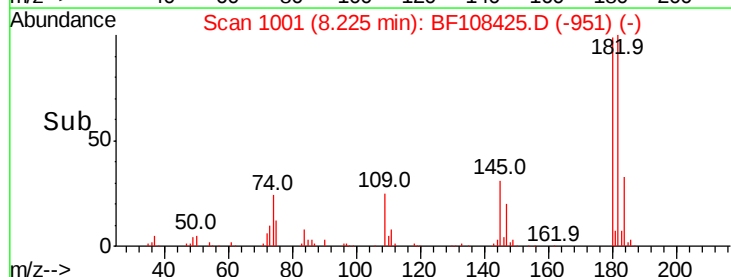
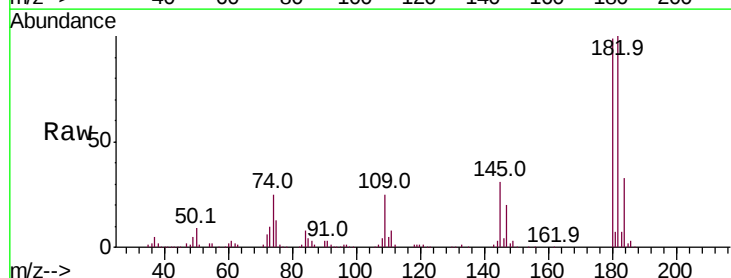
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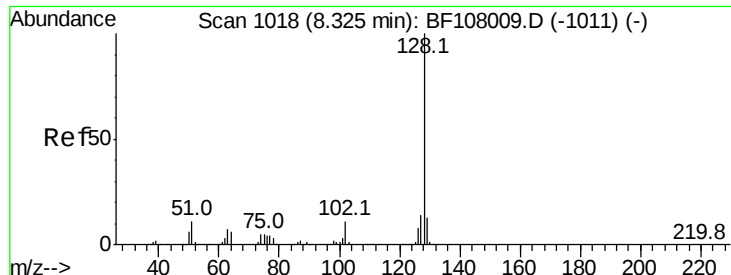
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#30
1,2,4-Trichlorobenzene
Concen: 39.051 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	312217		
182	100.8		76.8	115.2
145	31.4		26.5	39.7





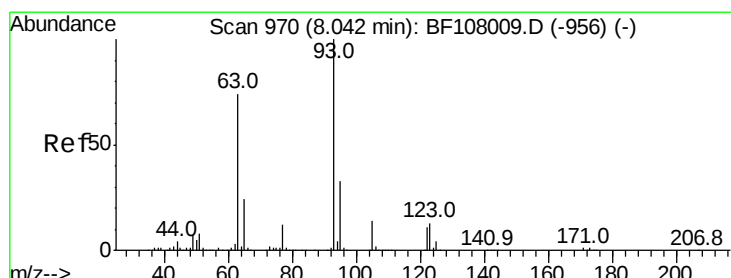
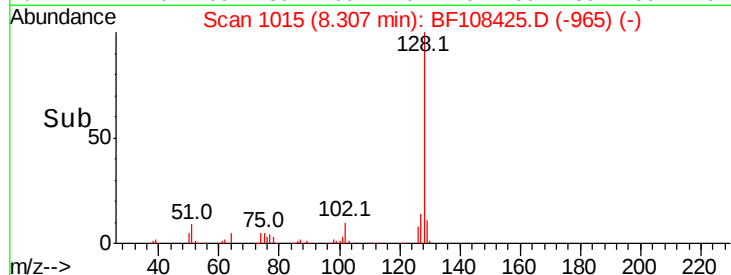
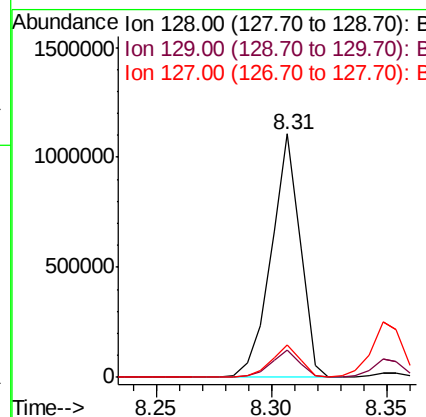
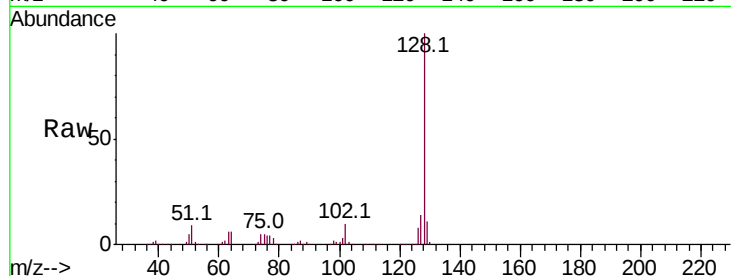
#31
Naphthalene
Concen: 40.584 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.6	10.9	16.3	

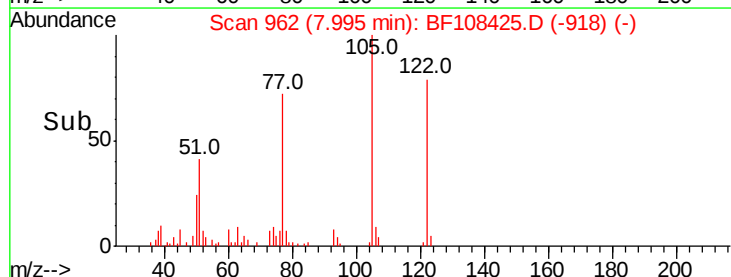
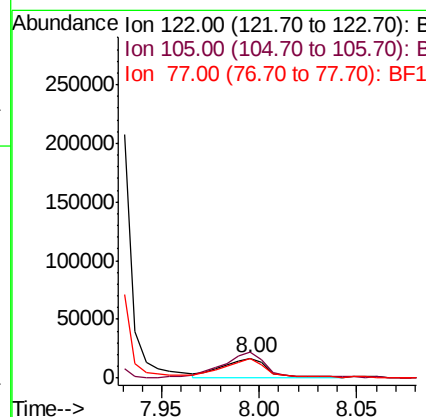
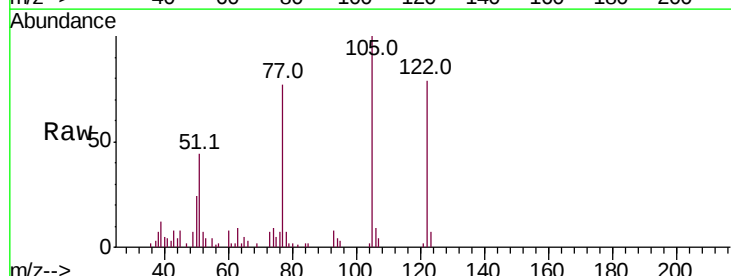
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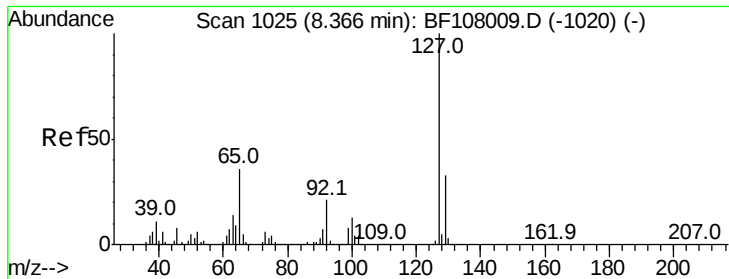
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#32
Benzoic acid
Concen: 10.951 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.04 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.8	101.1	141.1	
77	97.4	70.7	110.7	





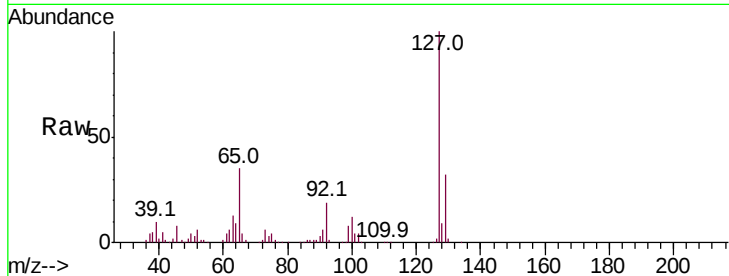
#33
4-Chloroaniline
Concen: 24.768 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	35.4	25.0	37.4	
92	18.8	15.2	22.8	

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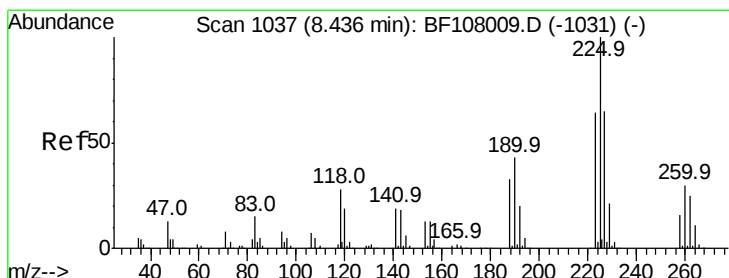
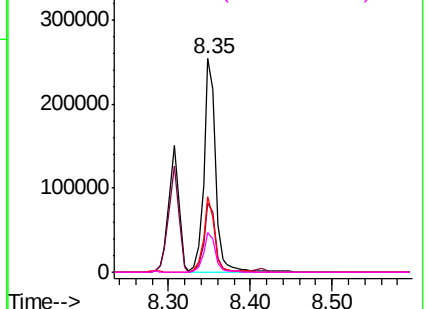
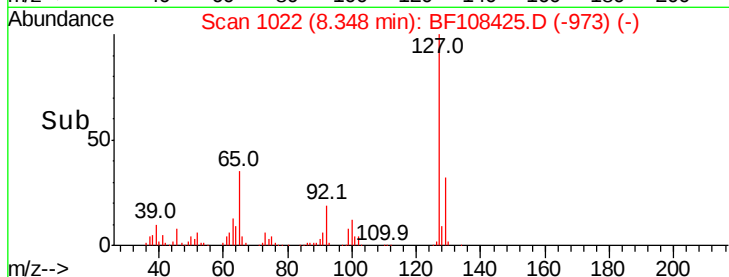
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

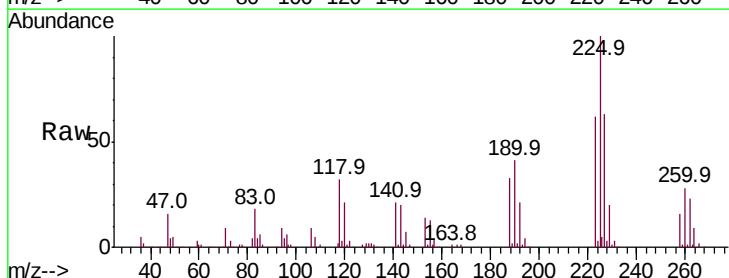
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.320 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.6	76.0	
227	62.5	51.9	77.9	

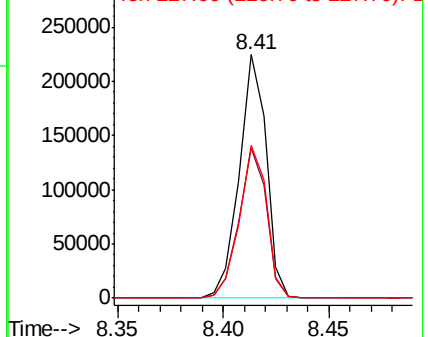
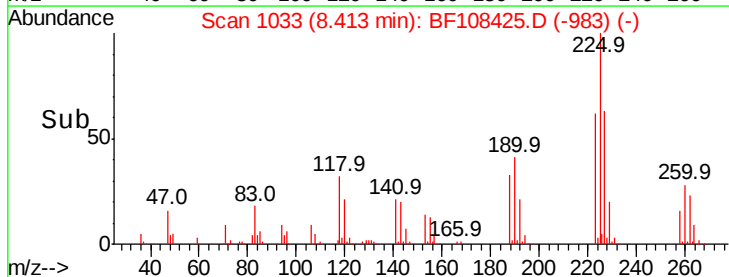


Abundance

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





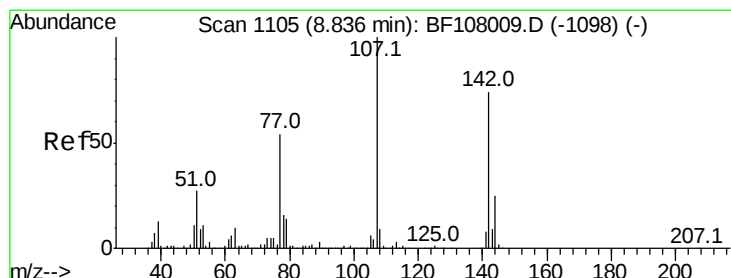
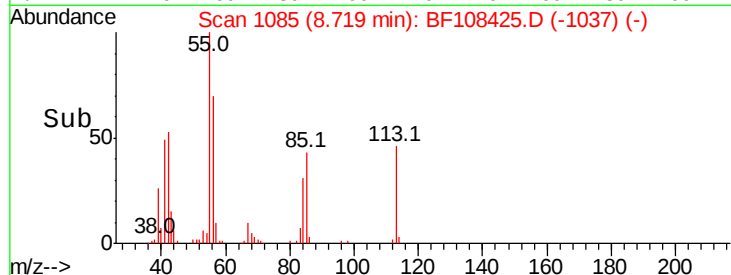
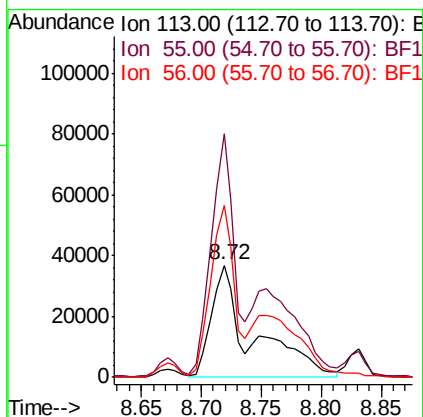
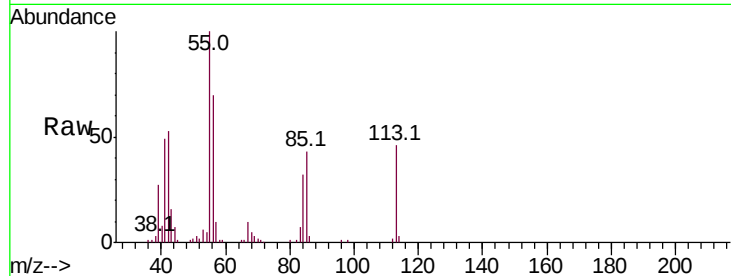
#35
Caprolactam
Concen: 38.523 ng/ml
RT: 8.72 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.9	163.3	203.3#
56	152.8	115.7	155.7

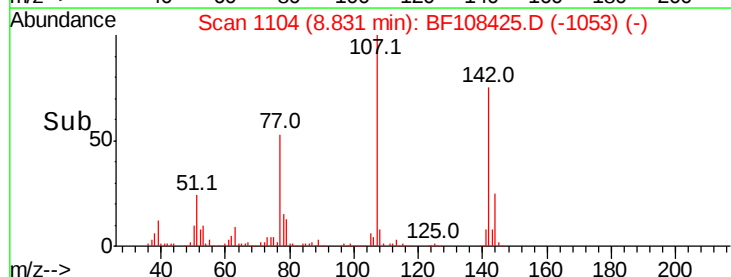
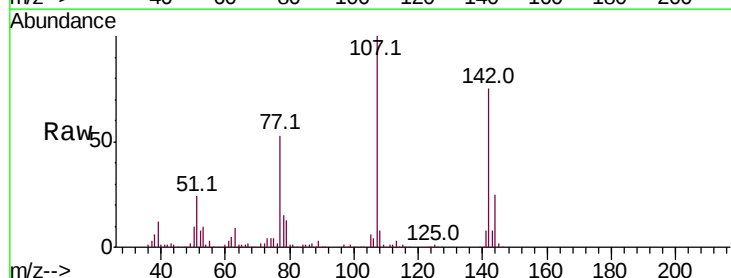
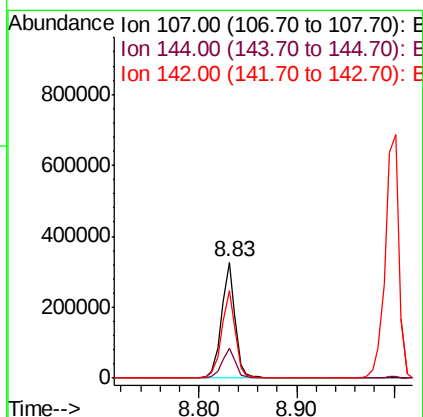
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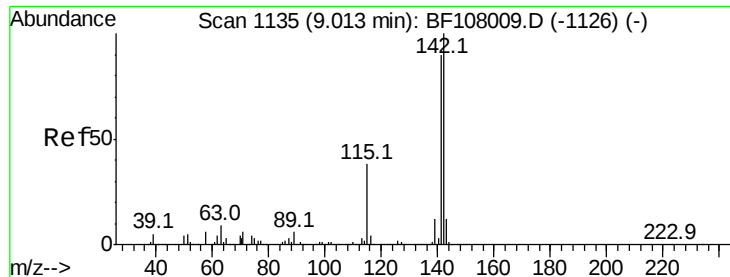
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#36
4-Chloro-3-methylphenol
Concen: 40.560 ng/ml
RT: 8.83 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	75.0	62.0	93.0





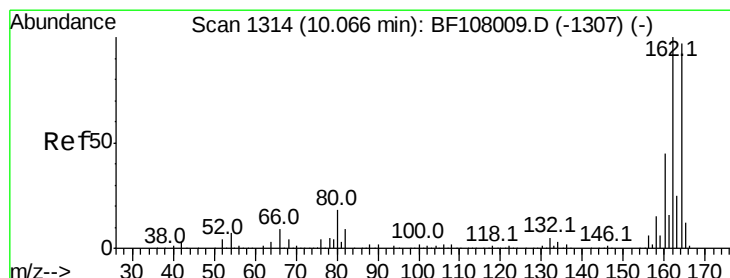
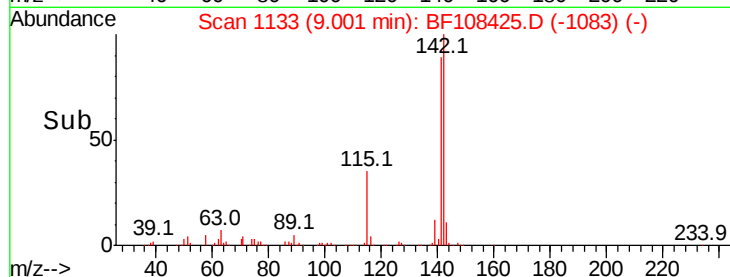
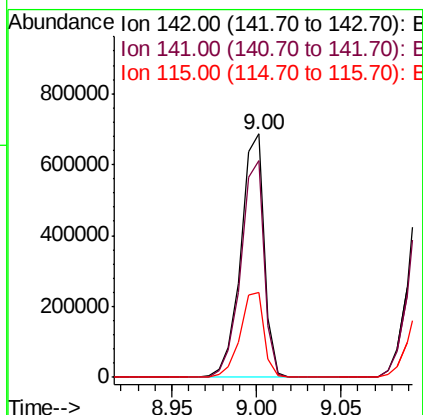
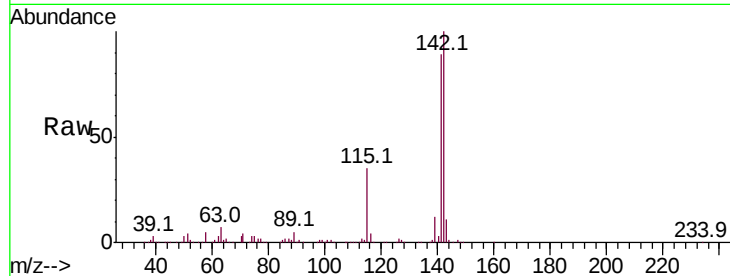
#37
2-Methylnaphthalene
Concen: 39.666 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.8	26.1	39.1

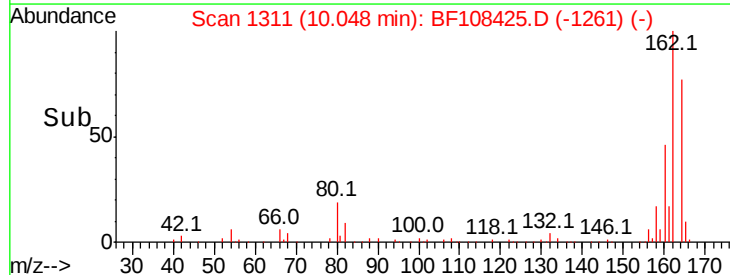
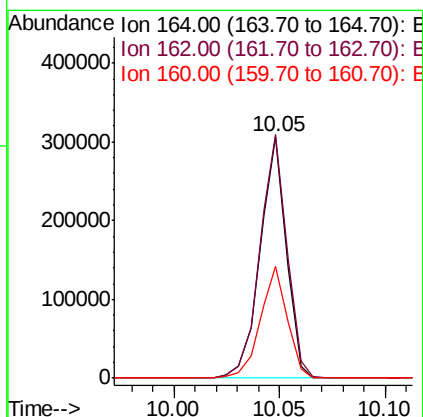
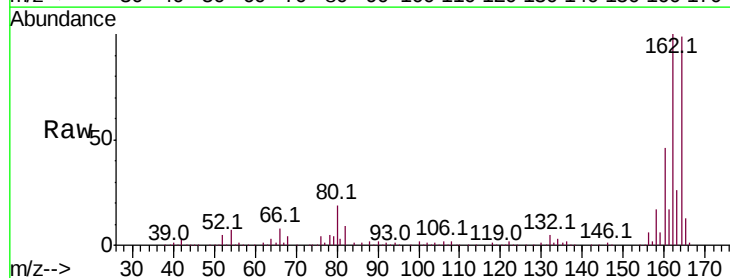
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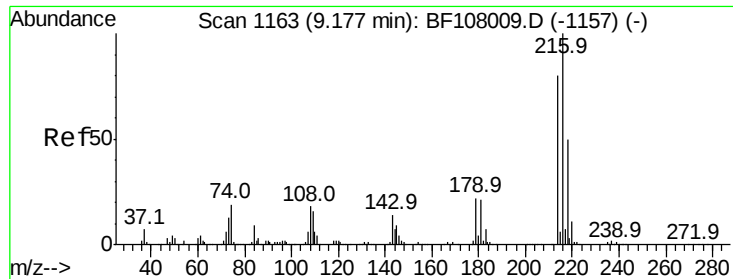
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.6	38.3	57.5





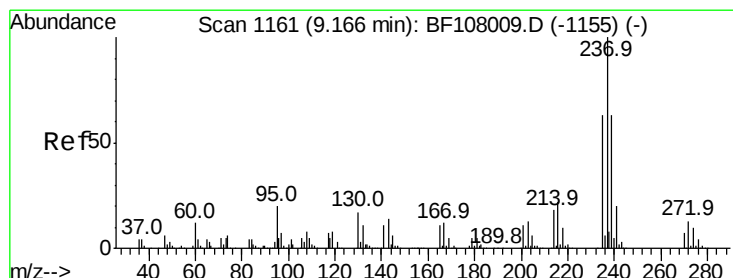
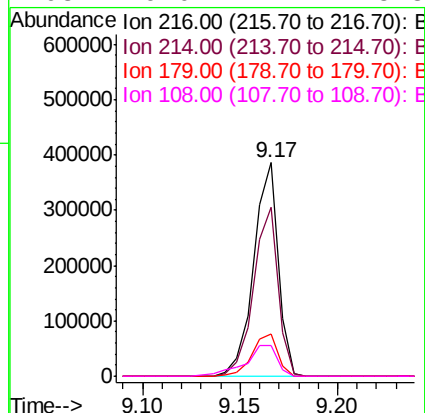
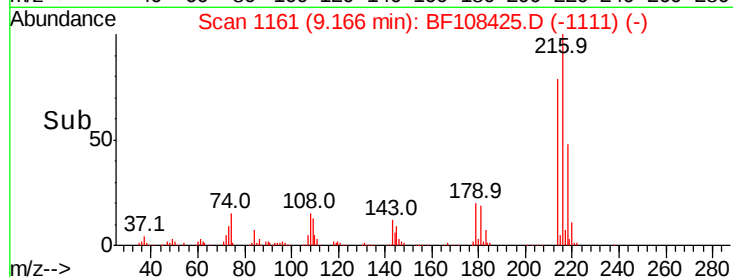
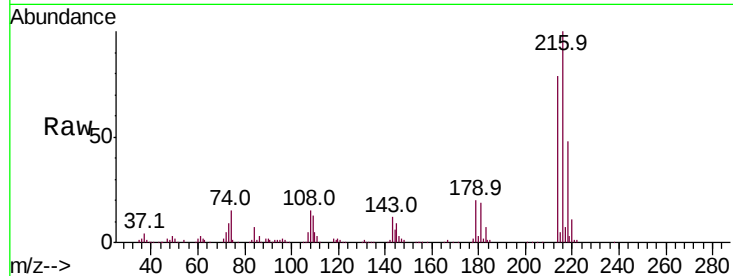
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.450 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.4	
179	20.7	18.1	27.1	
108	19.0	17.2	25.8	

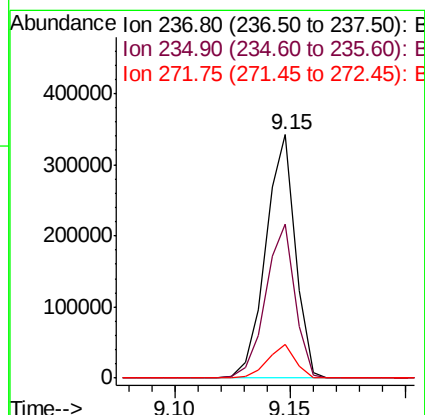
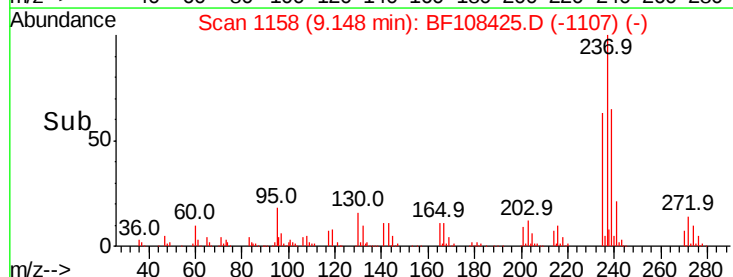
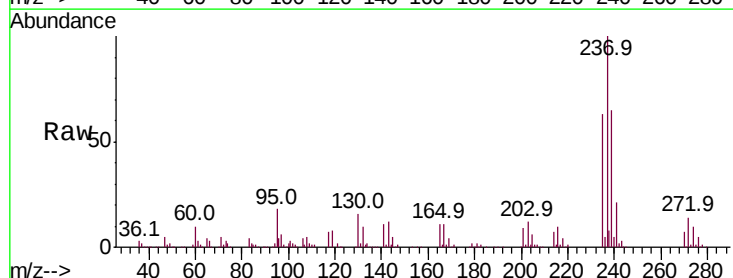
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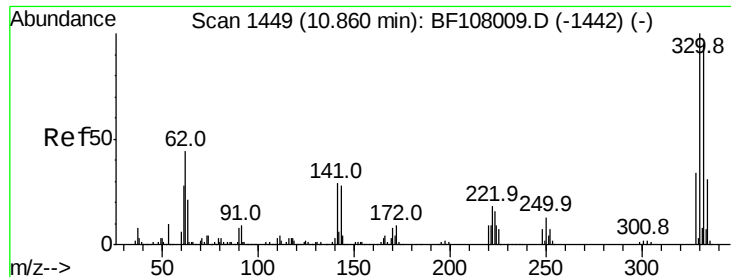
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#40
 Hexachlorocyclopentadiene
 Concen: 57.788 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.1	44.8	84.8	
272	13.7	0.0	33.3	





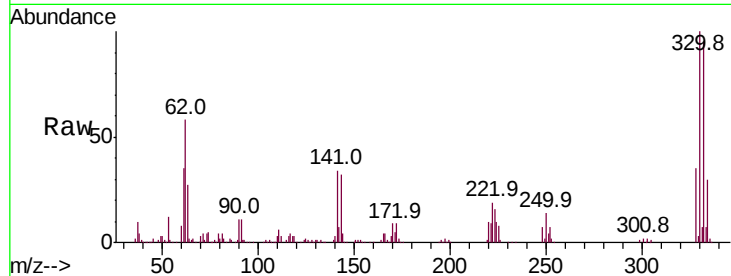
#41
 2,4,6-Tribromophenol
 Concen: 132.129 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

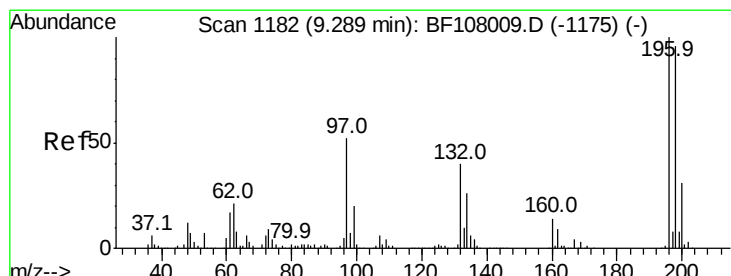
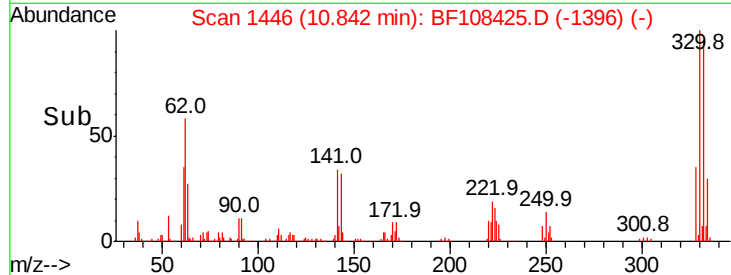
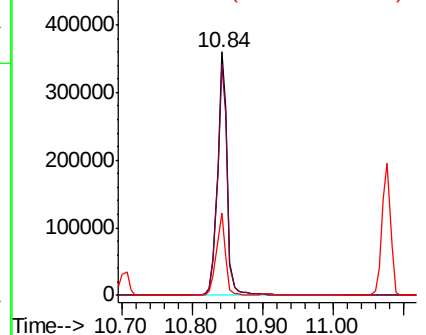
Tot Ion:	330	Resp:	348994
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	32.0	29.9	44.9

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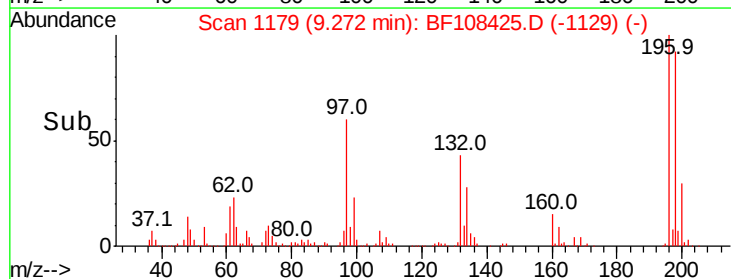
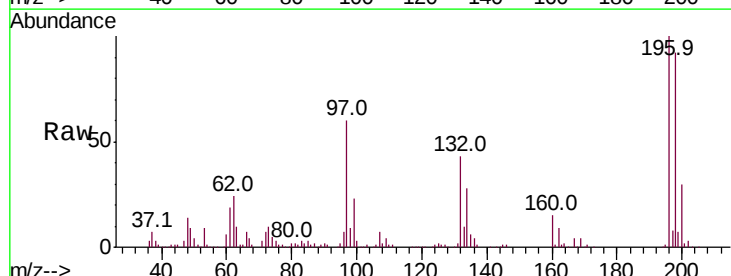
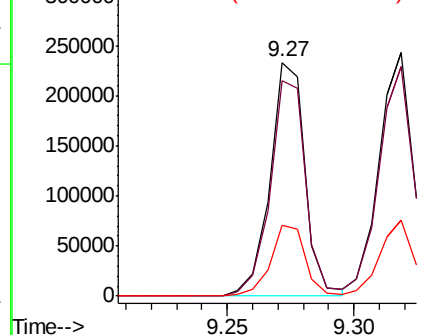
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

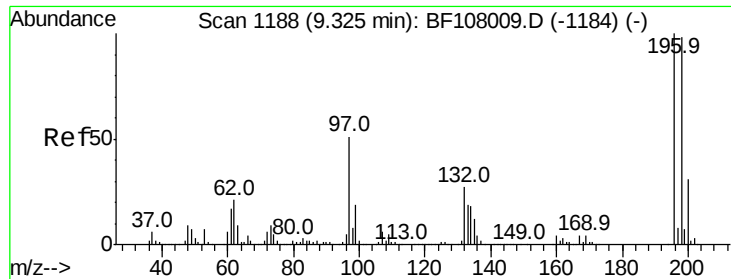


#42
 2,4,6-Trichlorophenol
 Concen: 44.648 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion:	196	Resp:	225299
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.7	113.5
200	30.3	24.5	36.7

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





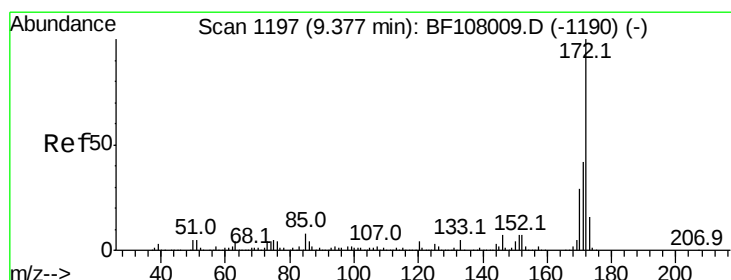
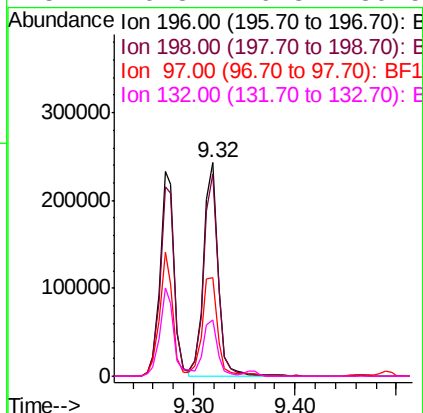
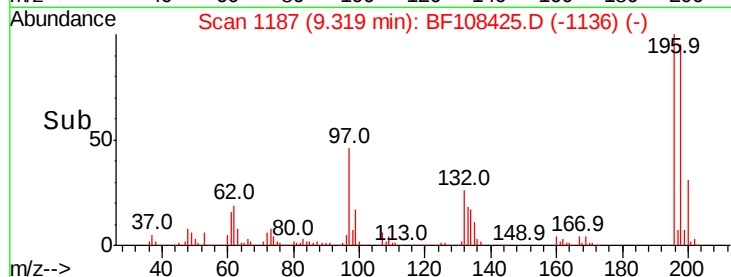
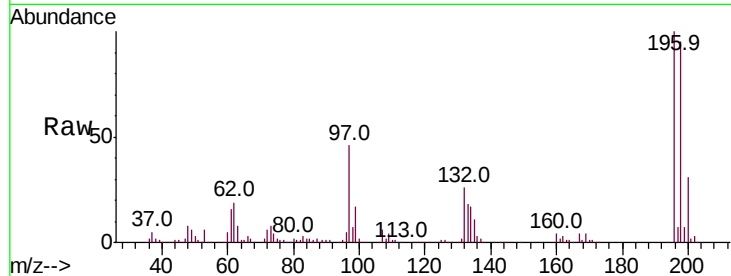
#43
 2,4,5-Trichlorophenol
 Concen: 43.164 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239774		
198	94.5	74.6	112.0	
97	46.3	42.9	64.3	
132	26.3	26.3	39.5#	

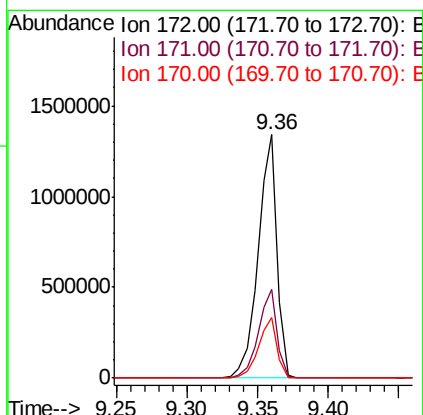
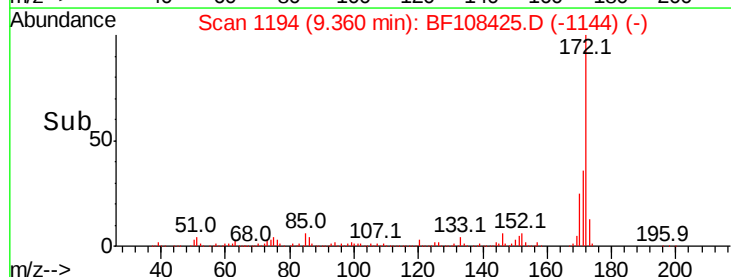
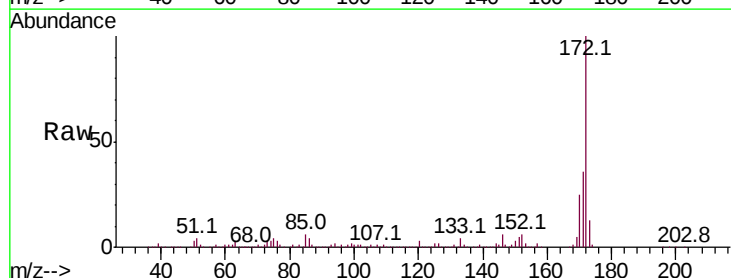
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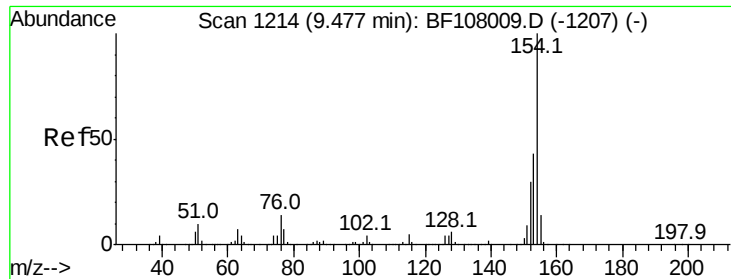
Sohil
 8/24/2018 12:14:00 PM



#44
 2-Fluorobiphenyl
 Concen: 76.390 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1259949		
171	36.2	29.7	44.5	
170	25.0	19.6	29.4	





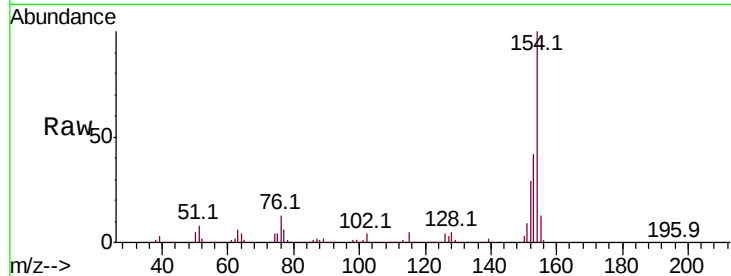
#45
 1,1'-Biphenyl
 Concen: 41.825 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

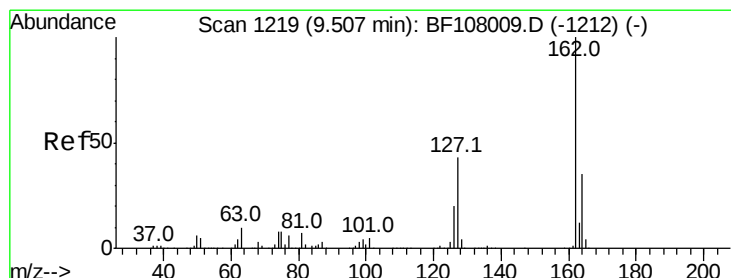
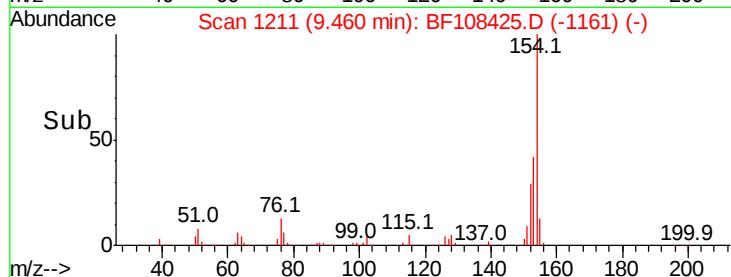
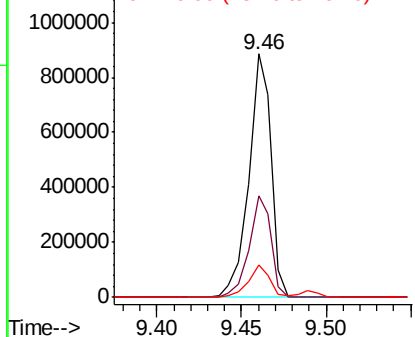
Tot Ion:	154	Resp:	816570
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	13.2	0.0	34.0

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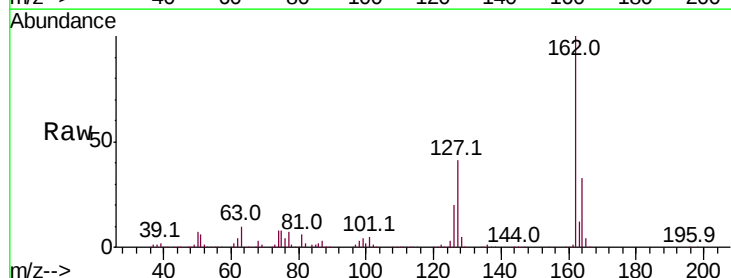


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

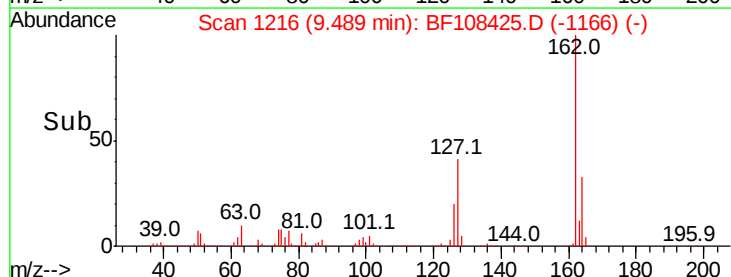
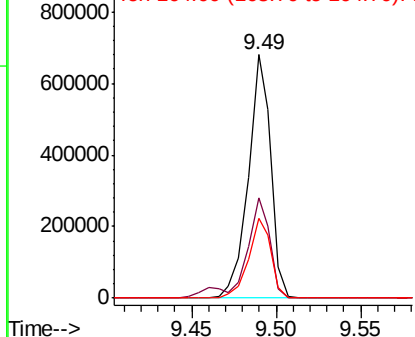


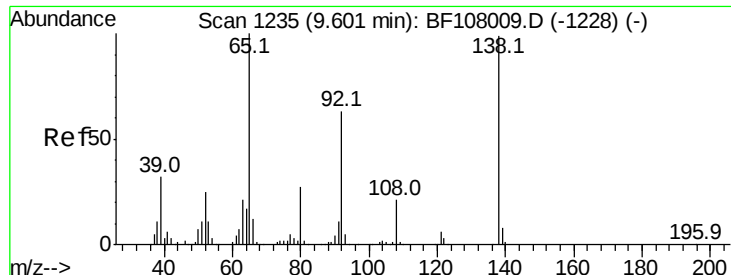
#46
 2-Chloronaphthalene
 Concen: 40.893 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion:	162	Resp:	631012
Ion Ratio	Lower	Upper	
162	100		
127	41.0	33.9	50.9
164	32.9	26.5	39.7



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





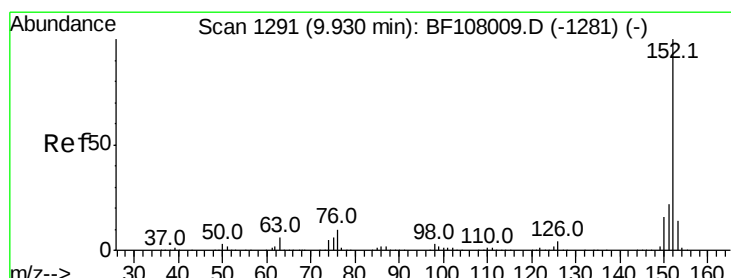
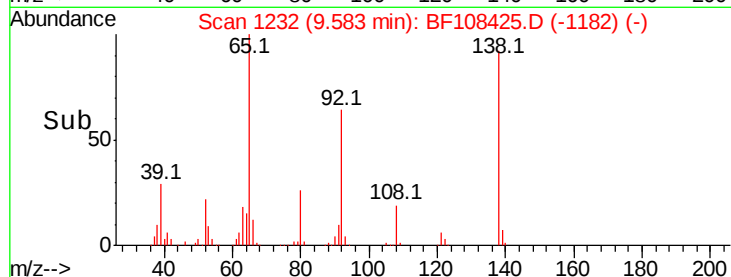
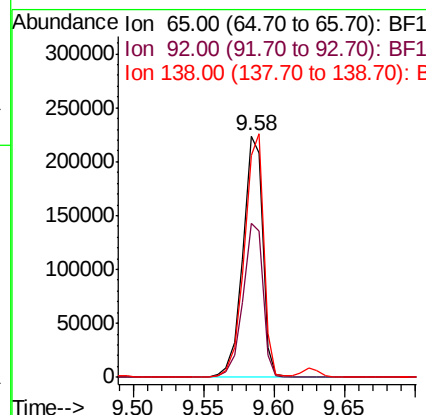
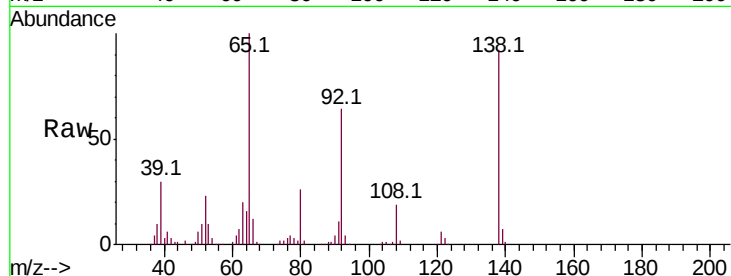
#47
2-Nitroaniline
Concen: 43.869 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.8	83.6
138	91.7	91.2	136.8

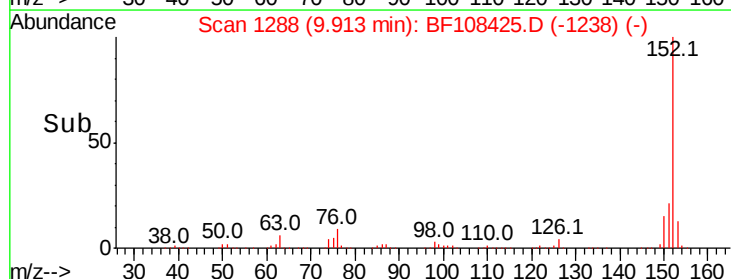
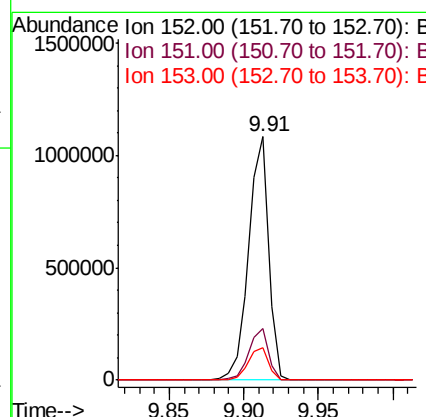
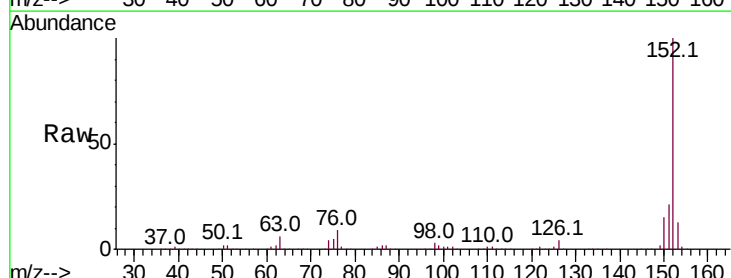
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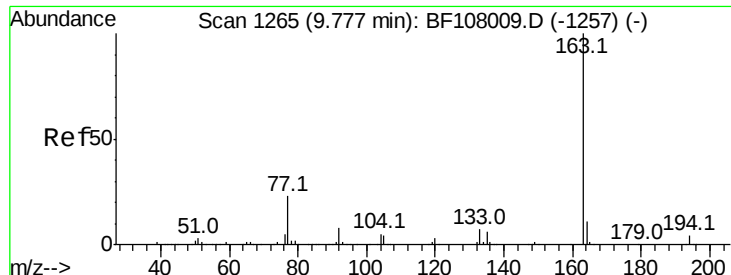
Sohil
8/24/2018 12:14:00 PM



#48
Acenaphthylene
Concen: 41.155 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	13.5	10.7	16.1





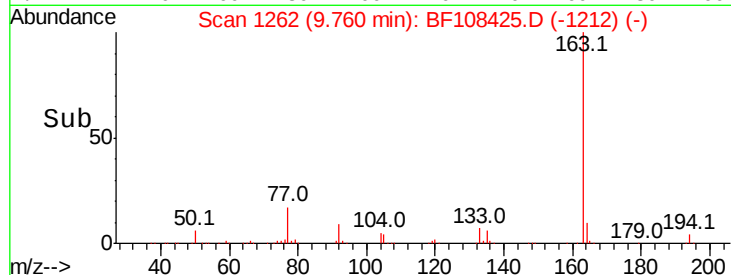
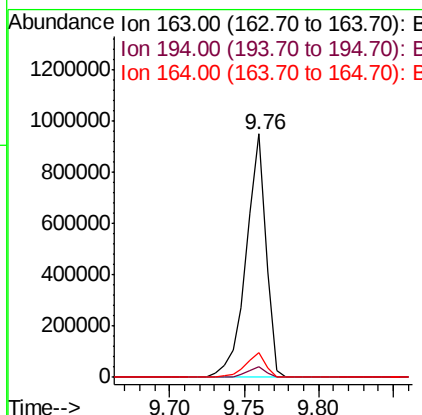
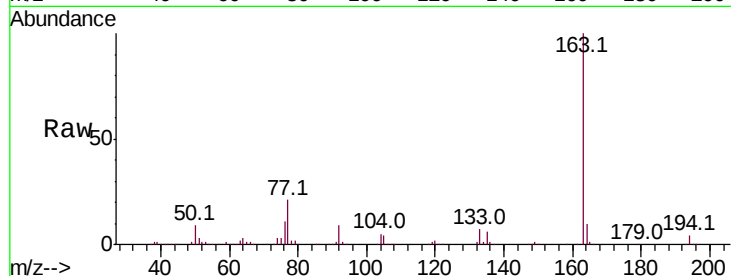
#49
Dimethylphthalate
Concen: 47.486 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.1	8.2	12.2	

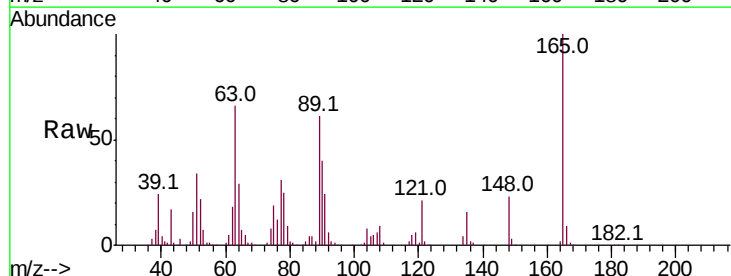
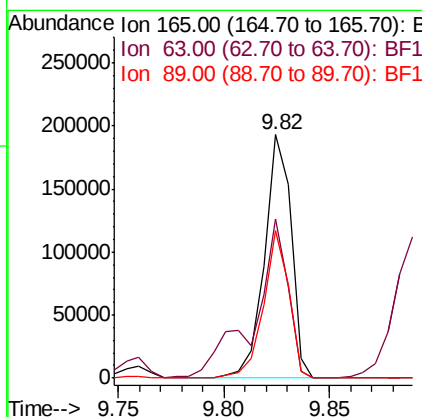
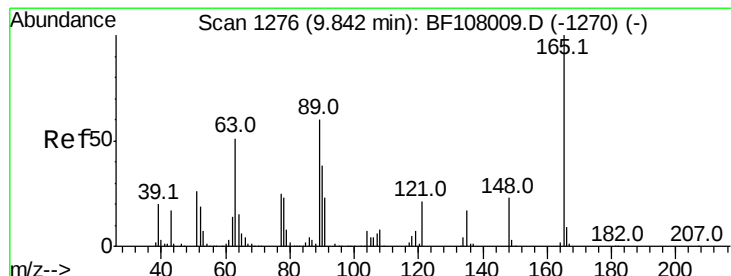
Manual Integrations
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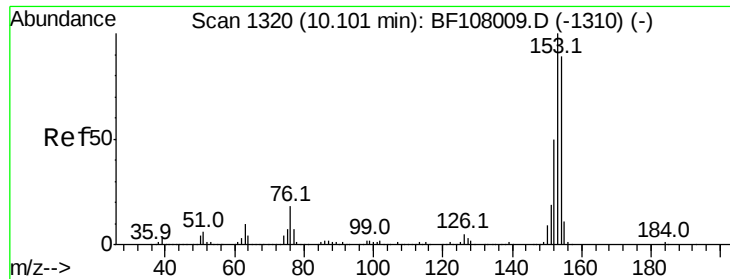
Sohil
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#50
2,6-Dinitrotoluene
Concen: 44.150 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.6	44.7	67.1	
89	60.8	44.0	66.0	





#51

Acenaphthene

Concen: 39.860 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

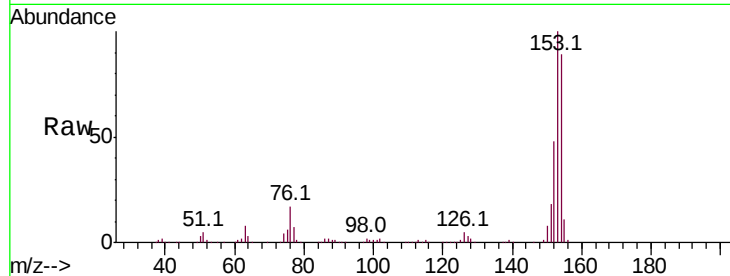
ClientSampleId :

RA-081618-FL-036MS

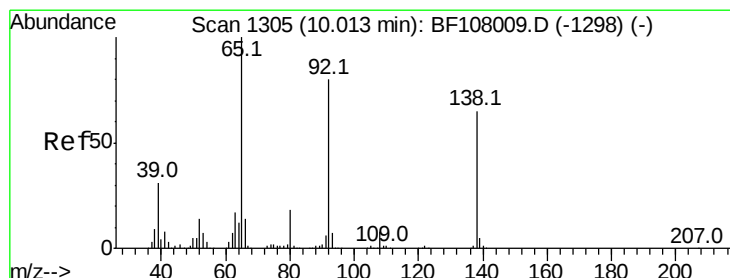
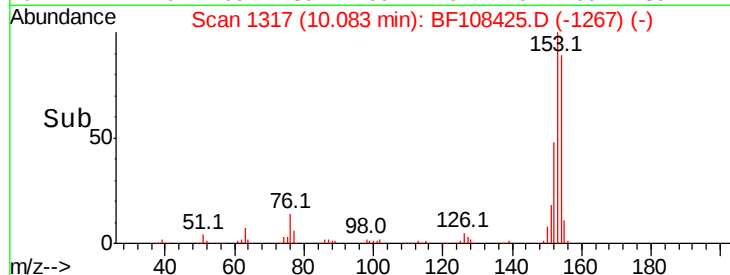
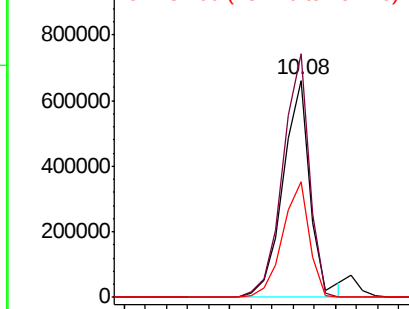
Tot Ion:	154	Resp:	595575
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	53.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 33.764 ng

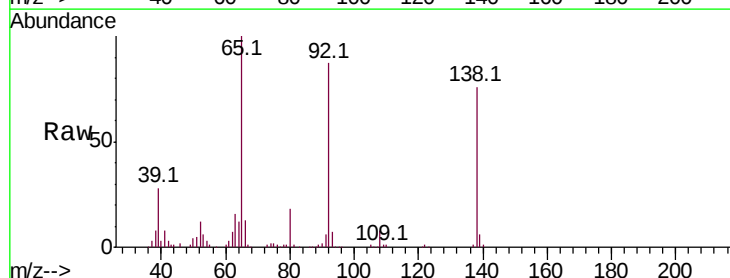
RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

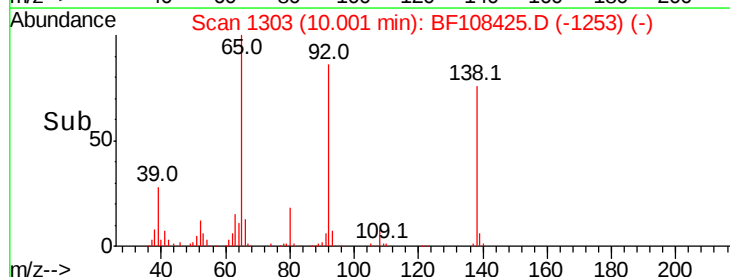
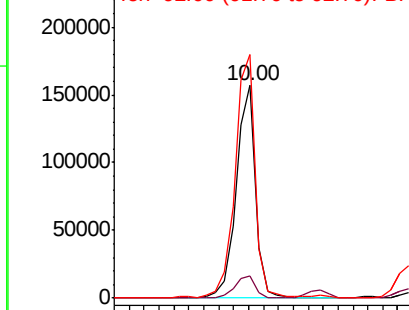
Lab File: BF108425.D

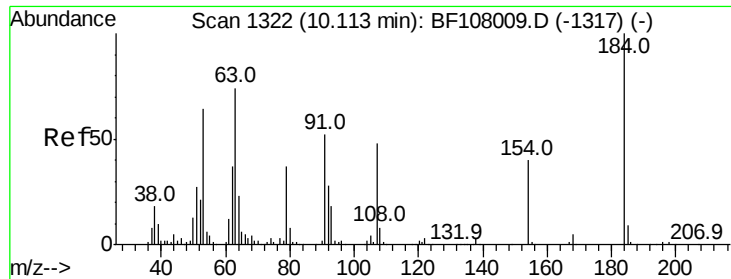
Acq: 23 Aug 2018 17:07

Tgt Ion:	138	Resp:	142565
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	114.5	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





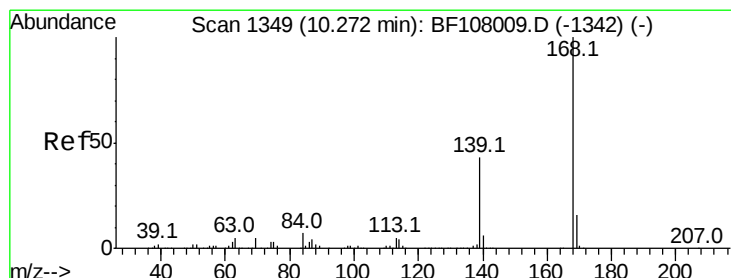
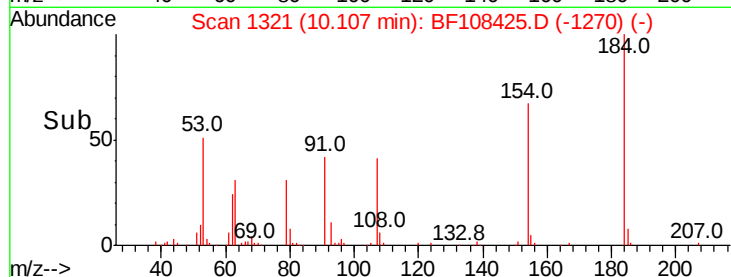
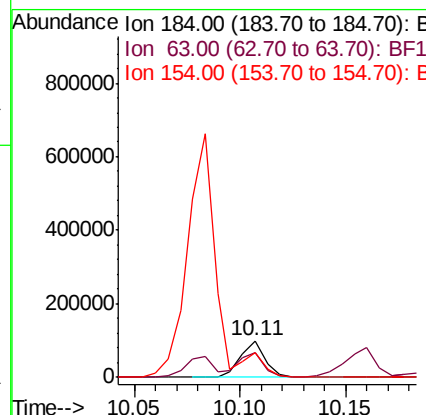
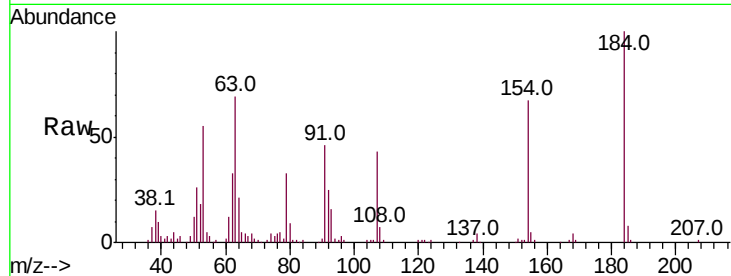
#53
2,4-Dinitrophenol
Concen: 58.732 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.7	54.2	81.2
154	67.2	184.0	276.0#

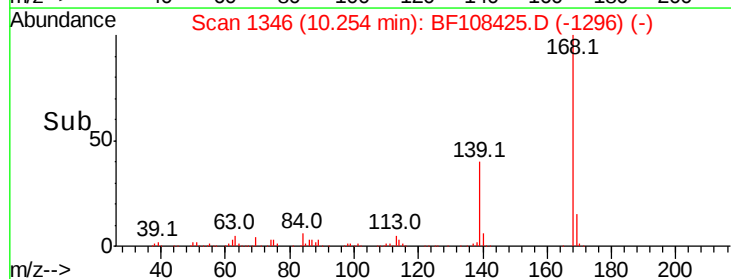
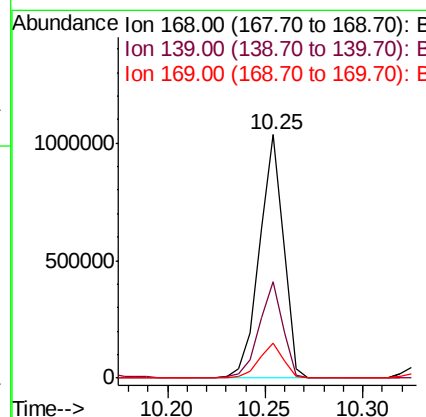
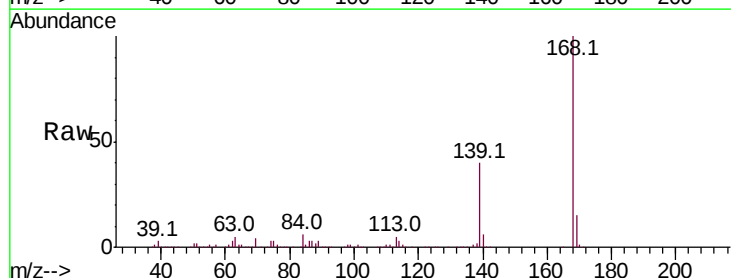
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#54
Dibenzofuran
Concen: 40.898 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	14.6	10.9	16.3





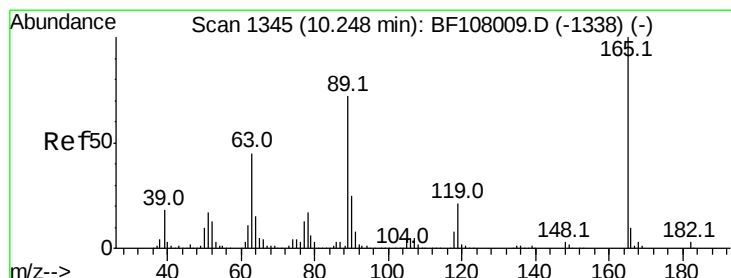
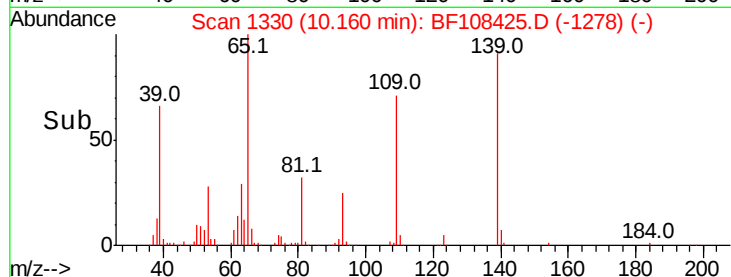
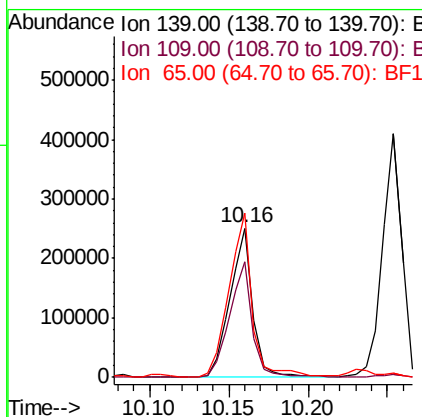
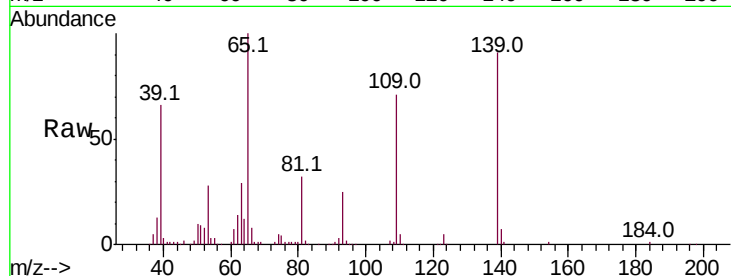
#55
4-Nitrophenol
Concen: 78.284 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	250306		
109	78.0	48.4	88.4	
65	110.3	72.6	112.6	

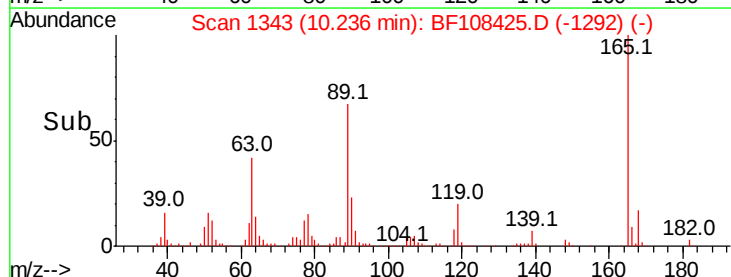
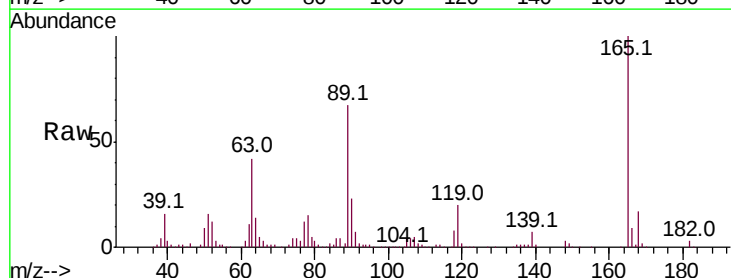
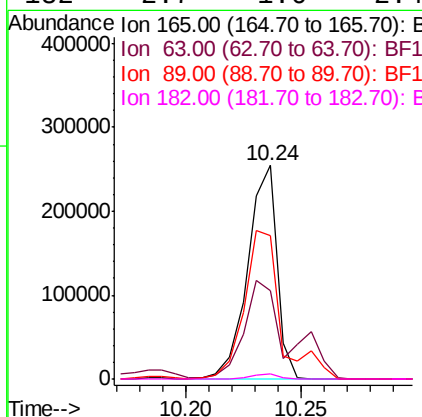
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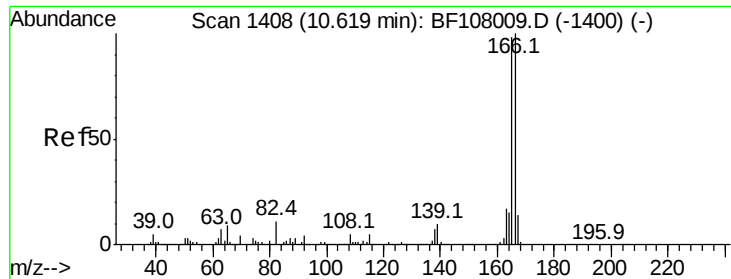
Sohil
8/24/2018 12:14:00 PM



#56
2,4-Dinitrotoluene
Concen: 45.606 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226549		
63	41.6	36.4	54.6	
89	67.3	57.8	86.6	
182	2.7	1.6	2.4	#





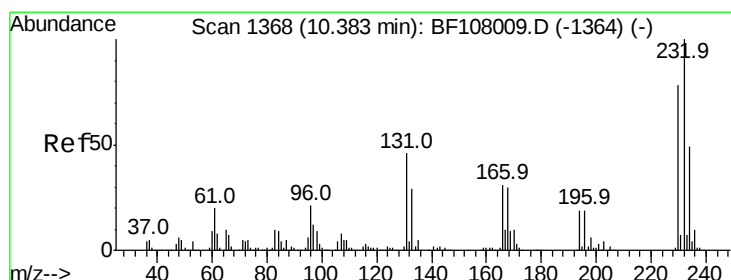
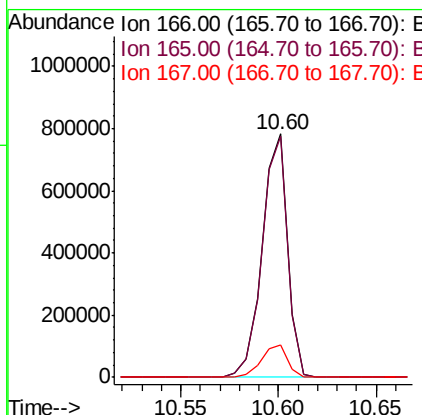
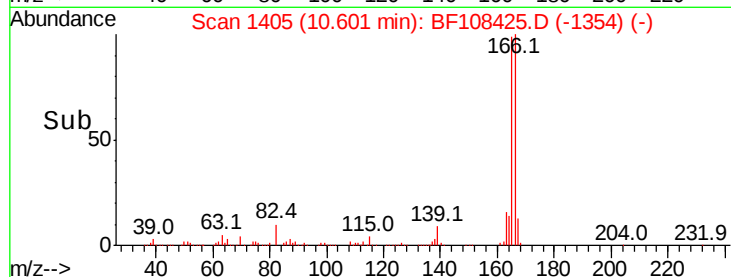
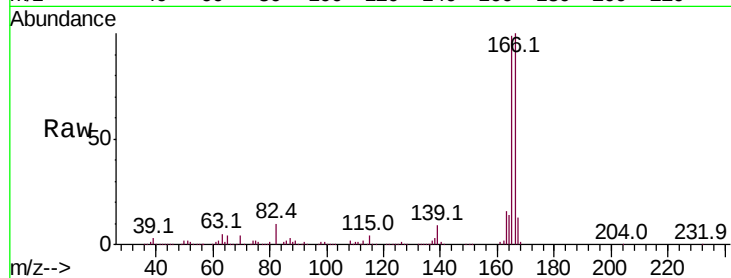
#57
 Fluorene
 Concen: 41.186 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.5	10.6	16.0

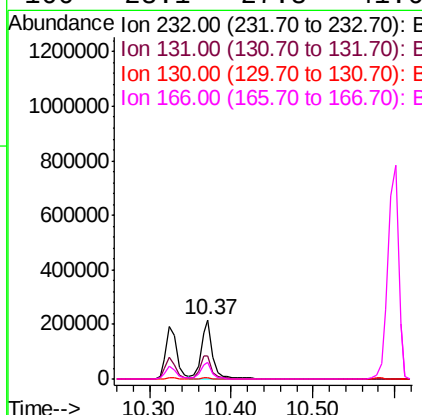
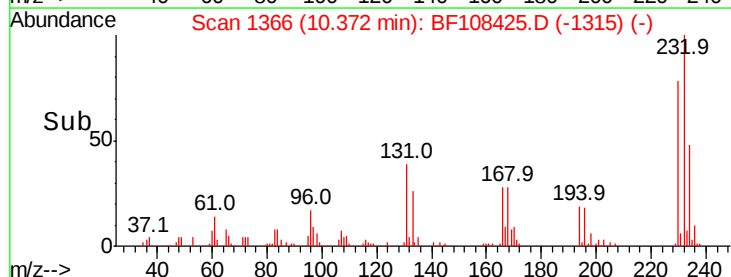
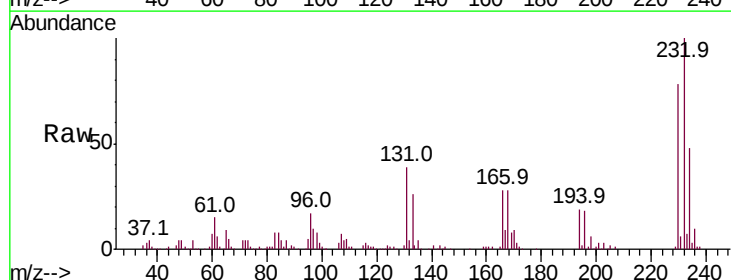
Manual Integrations
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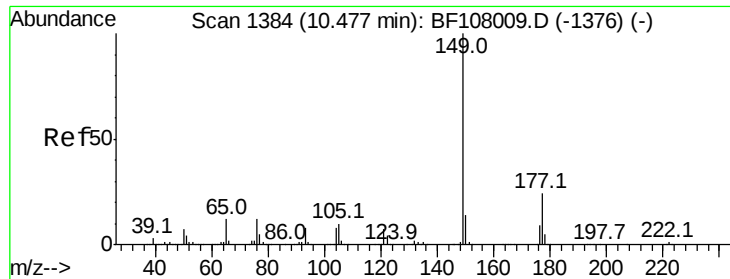
Sohil
 8/24/2018 12:14:00 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.140 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.0	43.8	65.8#
130	2.1	2.1	3.1
166	28.1	27.8	41.6





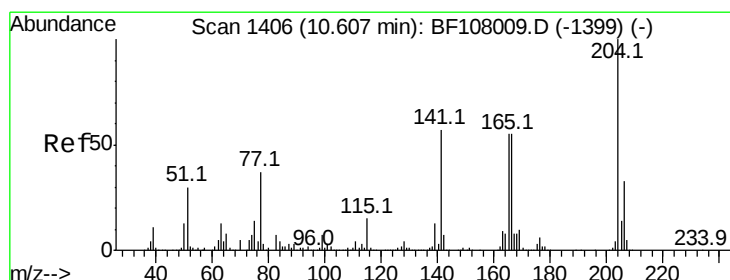
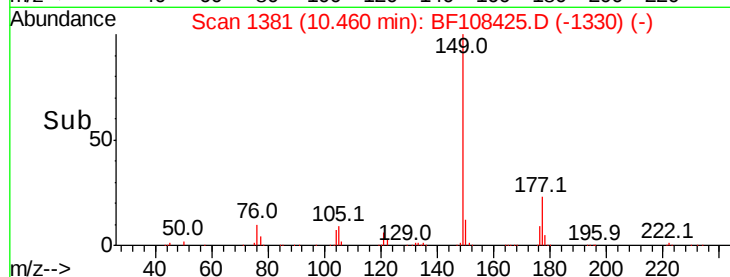
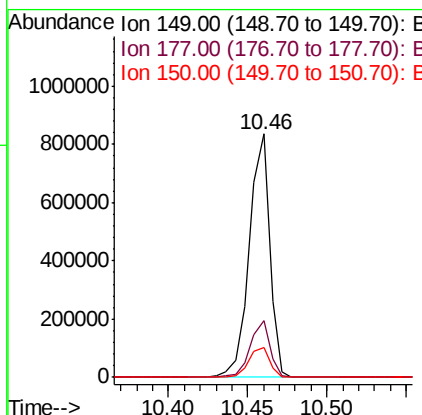
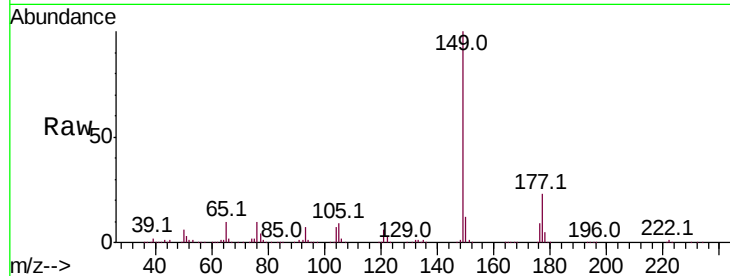
#59
Diethylphthalate
Concen: 41.790 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.1	24.1
150	12.5	10.1	15.1

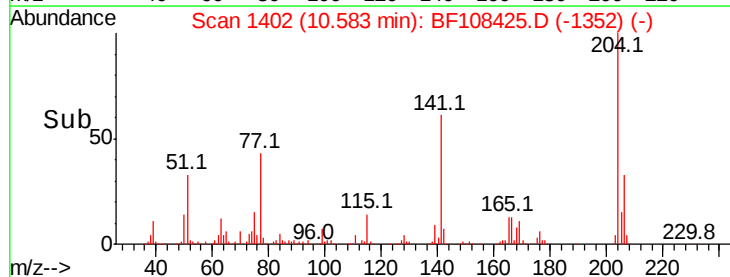
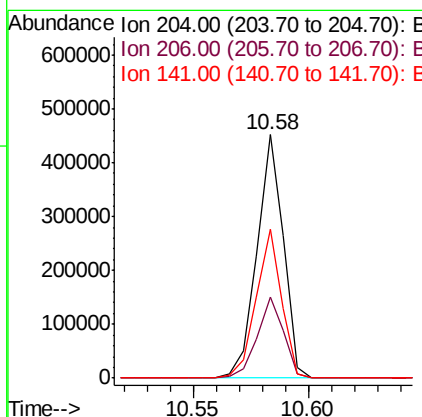
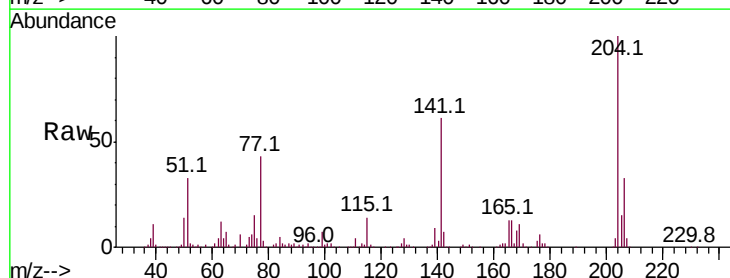
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#60
4-Chlorophenyl-phenylether
Concen: 40.533 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.1	54.6	81.8





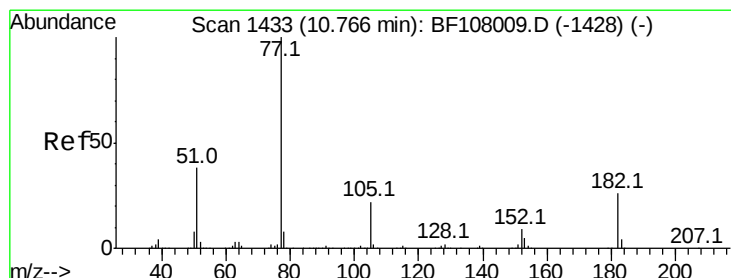
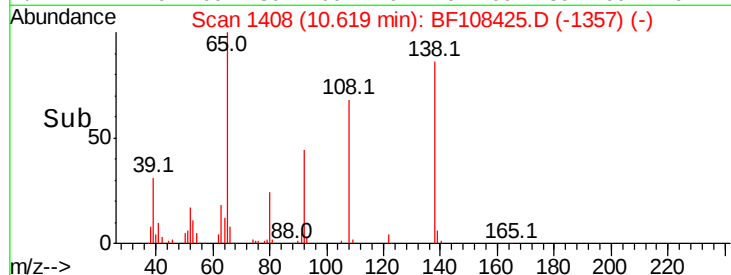
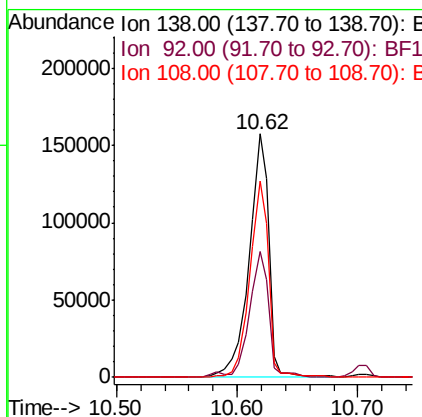
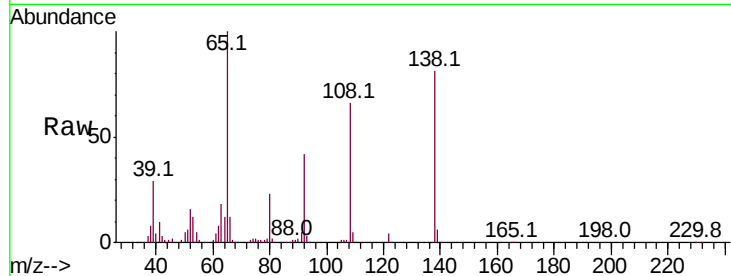
#61
4-Nitroaniline
Concen: 43.254 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.6	30.2	70.2
108	80.9	52.5	92.5

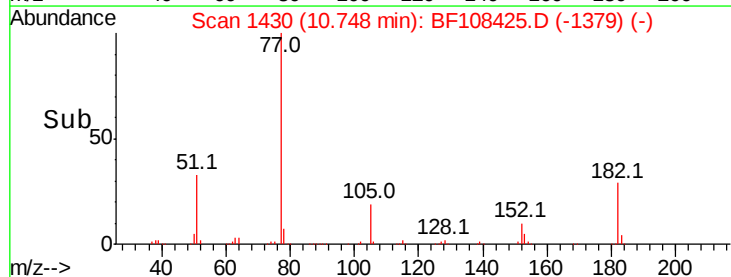
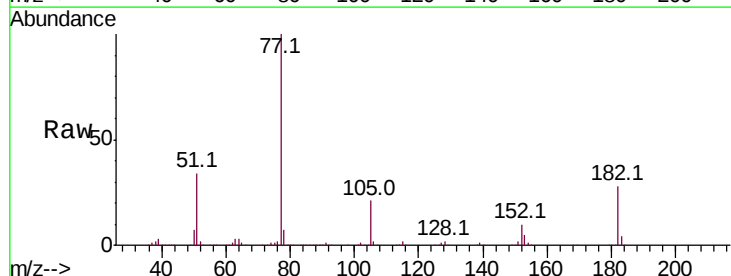
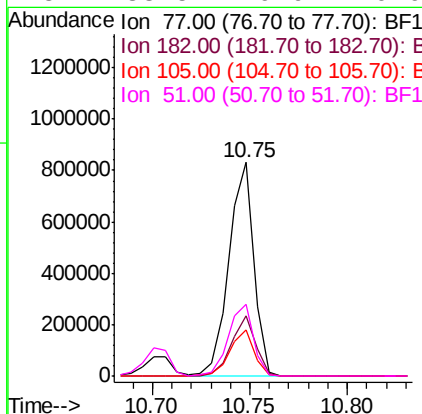
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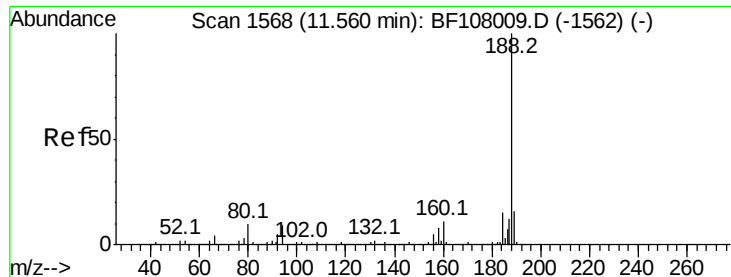
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#62
Azobenzene
Concen: 39.820 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	1.7	41.7
105	21.4	3.0	43.0
51	33.5	9.9	49.9





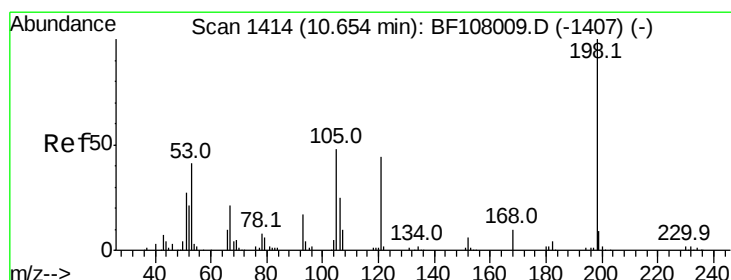
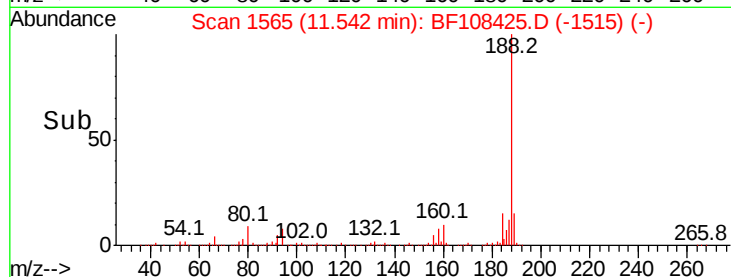
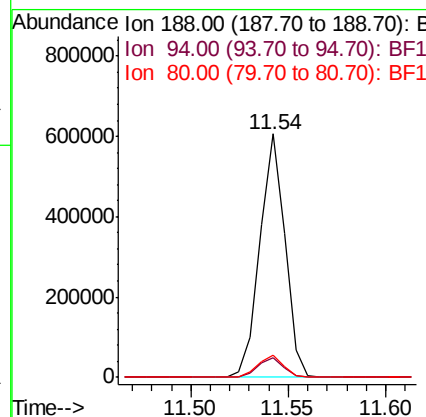
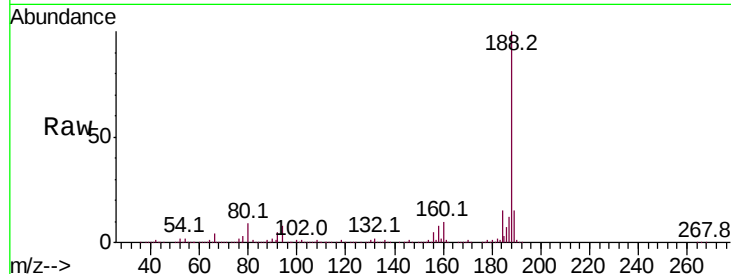
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	8.5	12.7#	
80	9.2	9.2	13.8	

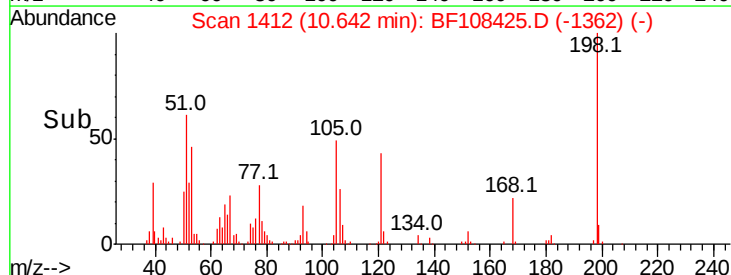
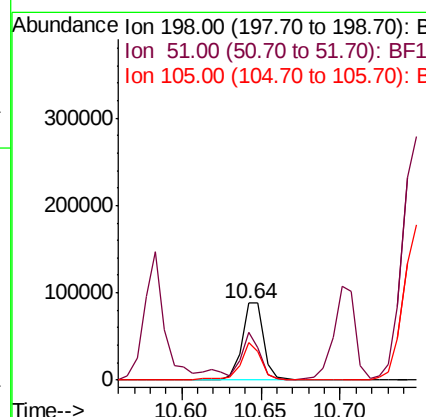
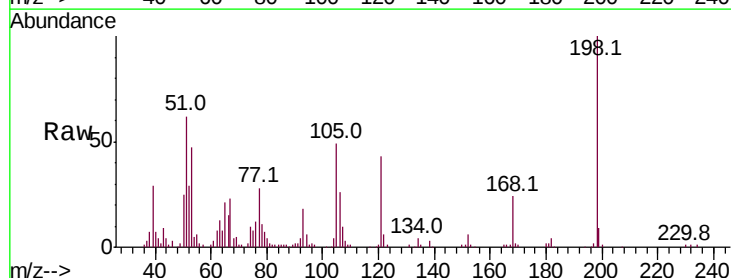
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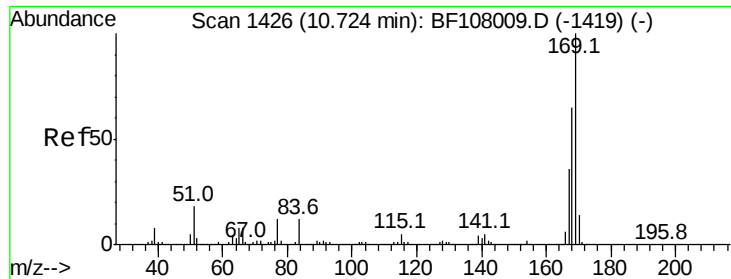
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.945 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.6	37.7	77.7	
105	49.0	36.3	76.3	





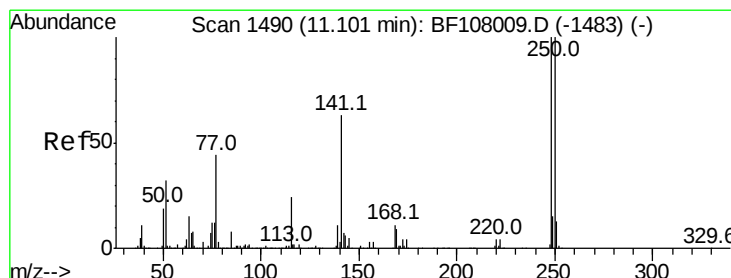
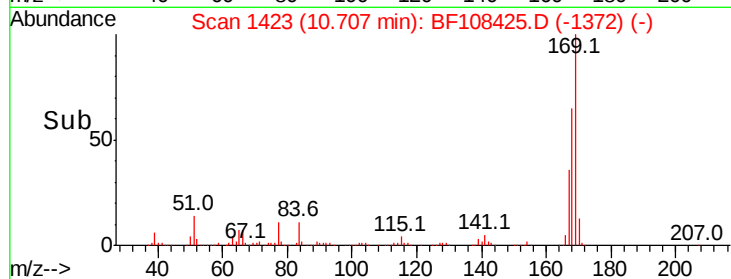
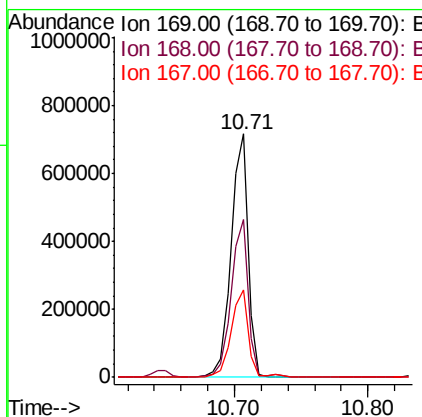
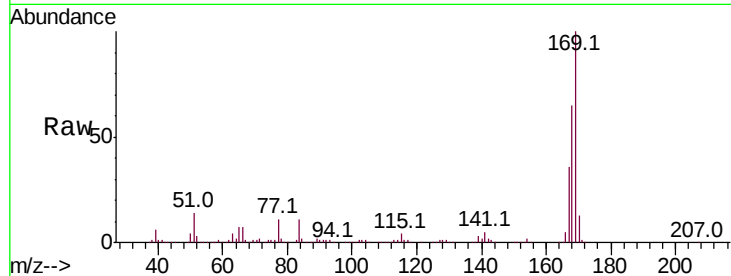
#65
 n-Nitrosodiphenylamine
 Concen: 40.540 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.0		54.4	81.6
167	35.8		29.8	44.6

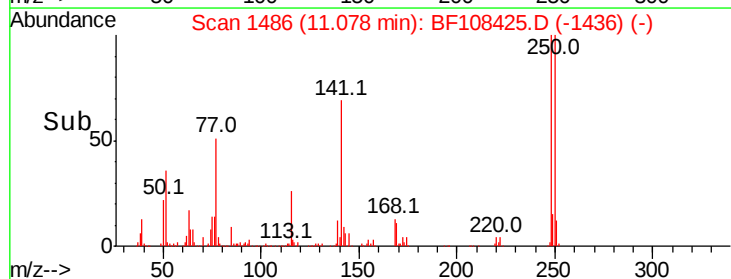
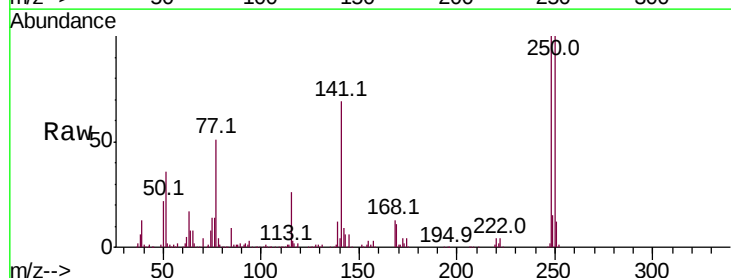
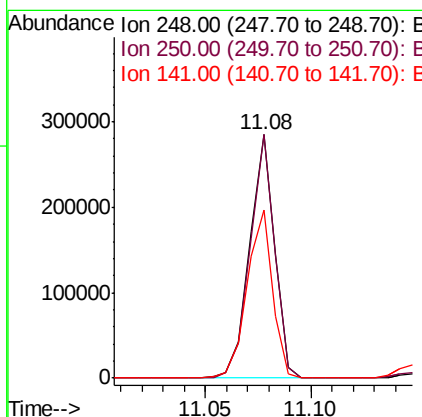
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#66
 4-Bromophenyl-phenylether
 Concen: 39.862 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.8		76.9	115.3
141	69.0		74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.354 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

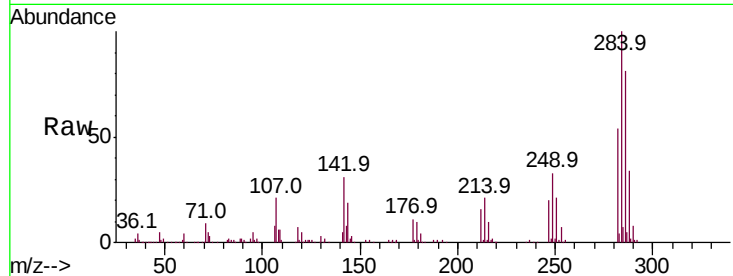
ClientSampleId :

RA-081618-FL-036MS

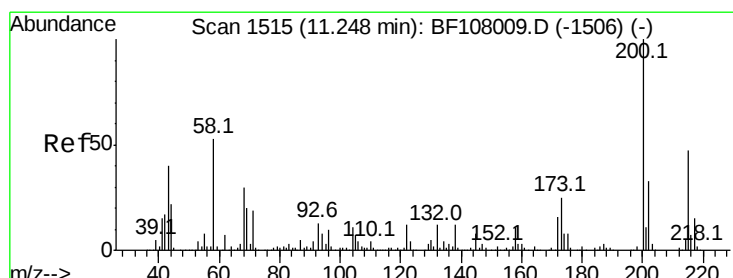
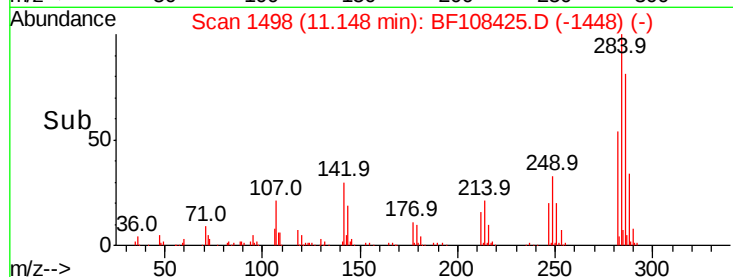
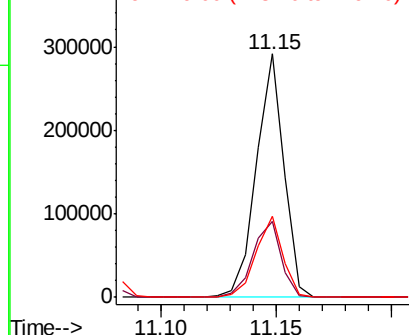
Tot Ion:	284	Resp:	243409
Ion Ratio		Lower	Upper
284	100		
142	31.0	34.6	52.0#
249	33.1	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.992 ng

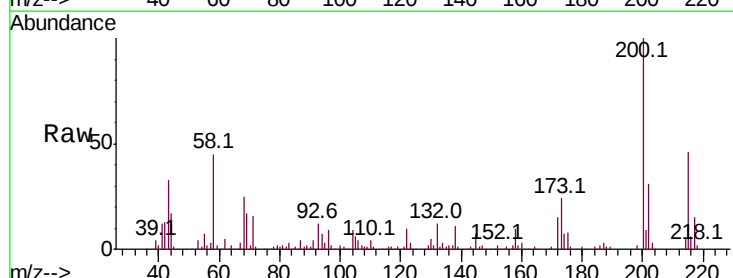
RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

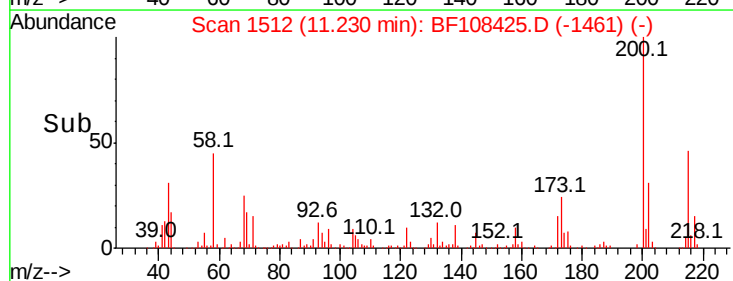
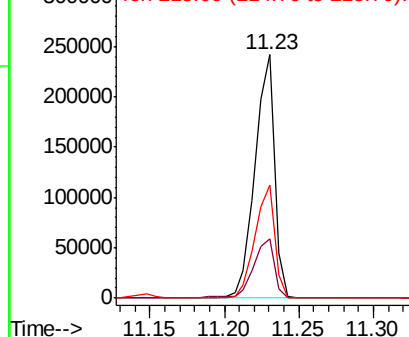
Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Tgt Ion:	200	Resp:	219774
Ion Ratio		Lower	Upper
200	100		
173	24.4	8.6	48.6
215	46.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





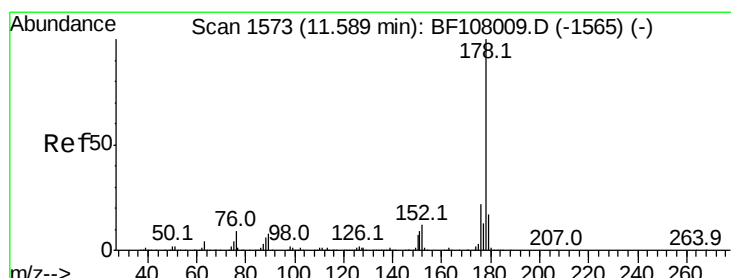
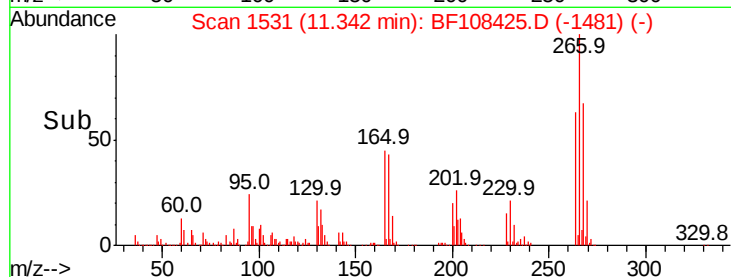
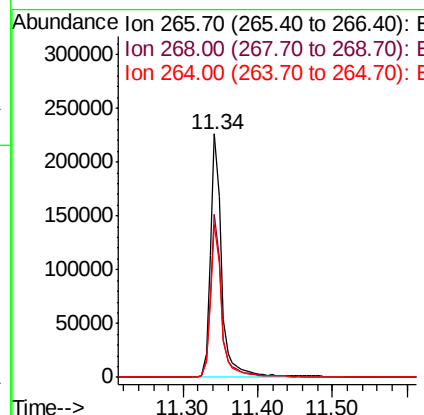
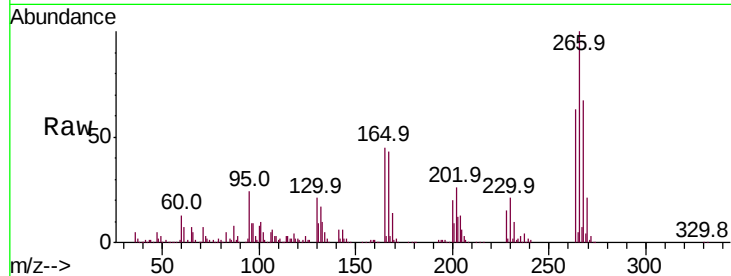
#69
 Pentachlorophenol
 Concen: 81.688 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	241833		
268	66.7	51.1	76.7	
264	63.0	49.5	74.3	

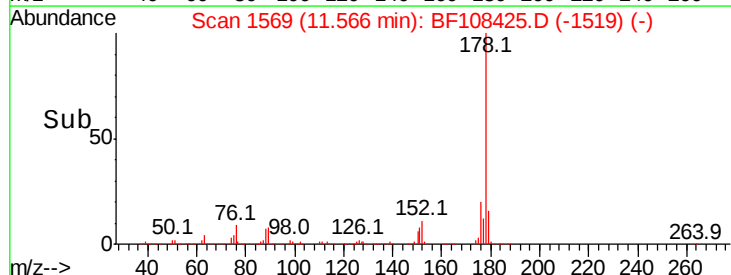
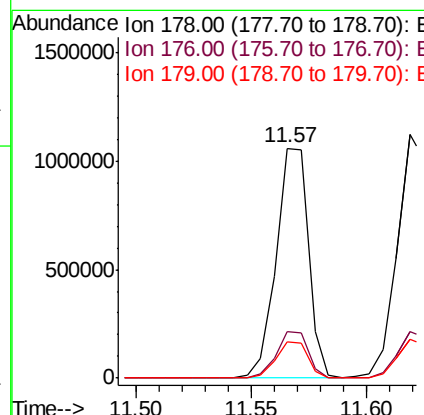
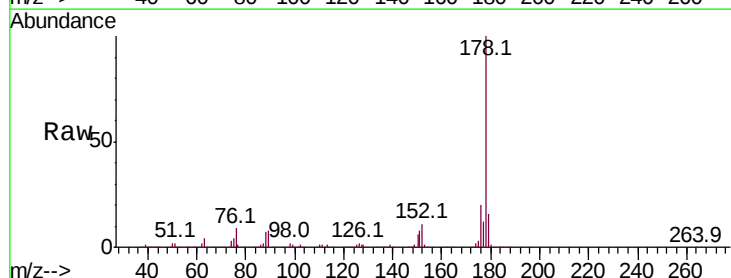
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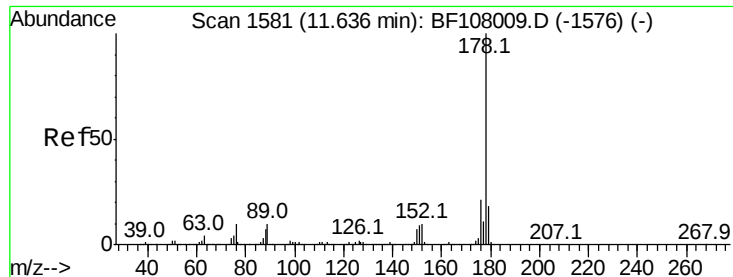
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#70
 Phenanthrene
 Concen: 40.389 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1030484		
176	20.0	15.8	23.8	
179	16.0	13.0	19.6	





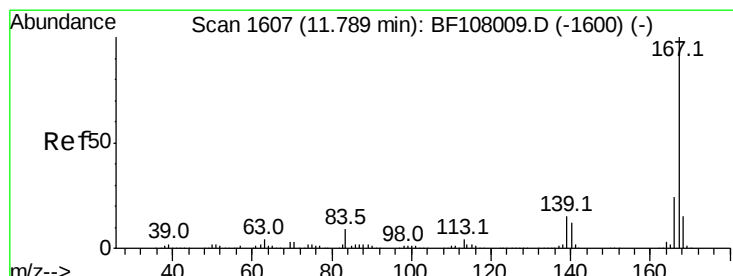
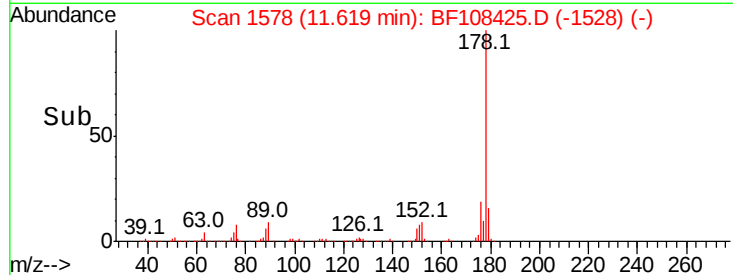
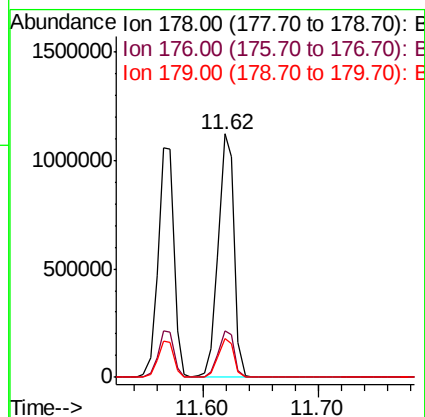
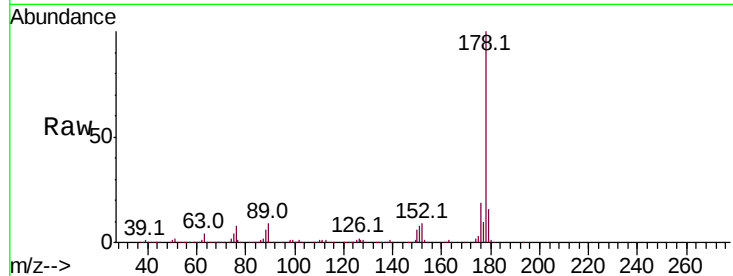
#71
 Anthracene
 Concen: 40.889 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.1	12.6	19.0

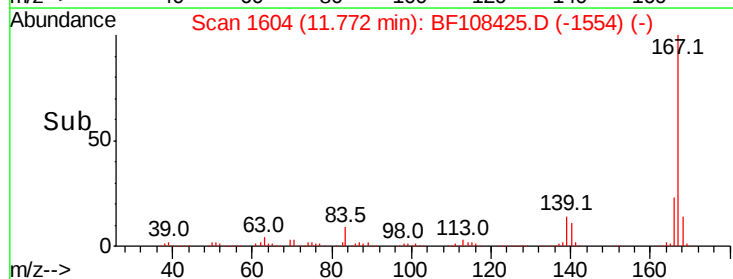
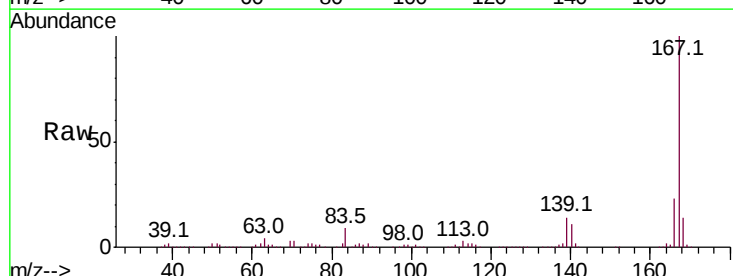
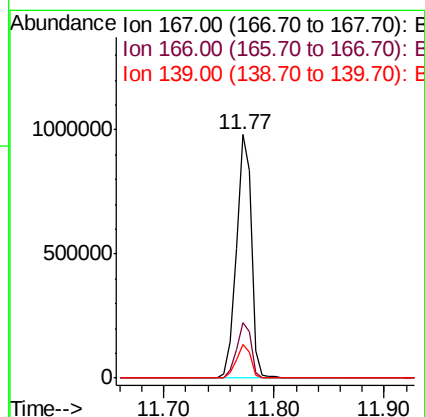
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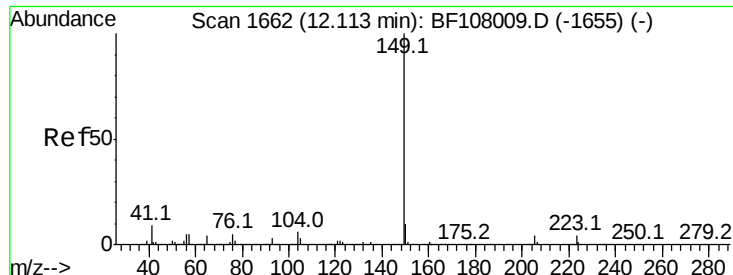
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#72
 Carbazole
 Concen: 40.323 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.7	10.9	16.3





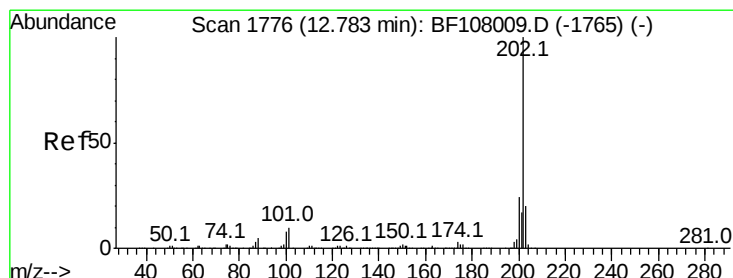
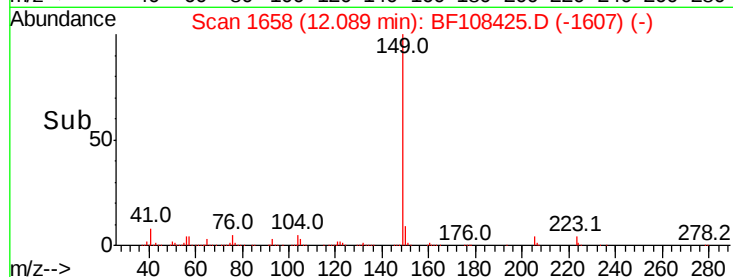
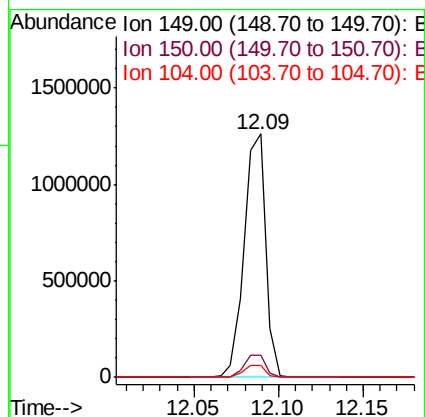
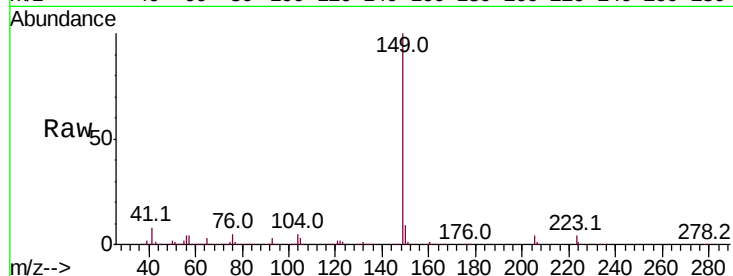
#73
Di-n-butylphthalate
Concen: 42.721 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8

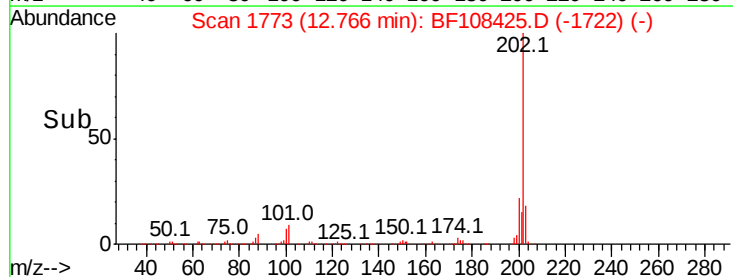
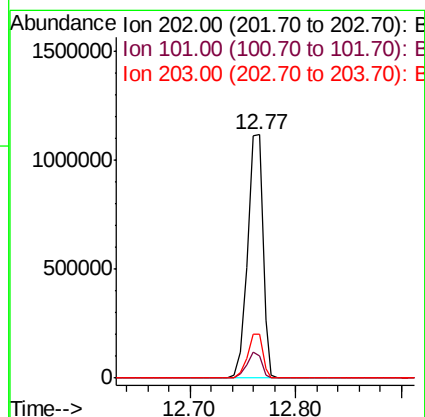
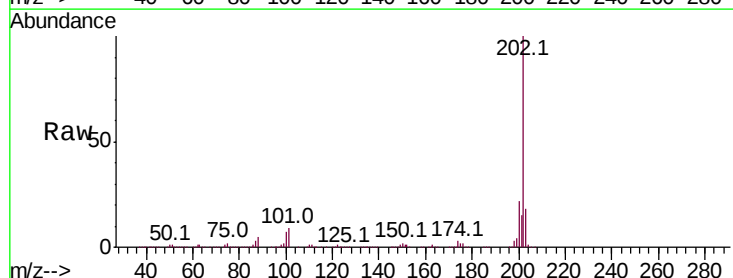
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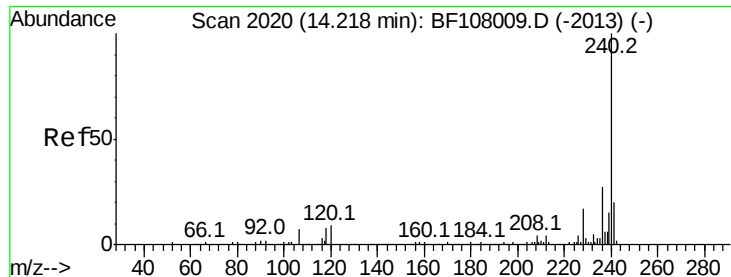
Sohil
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#74
Fluoranthene
Concen: 40.077 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108425.D

Acq: 23 Aug 2018 17:07

Instrument :

BNA_F

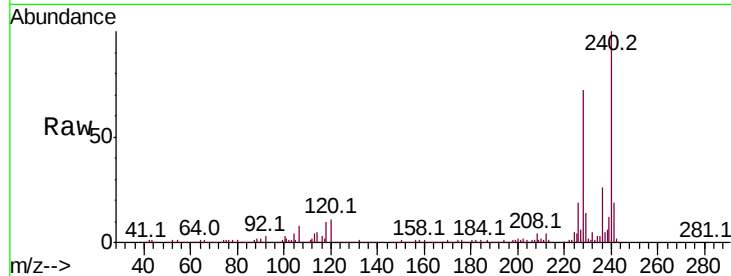
ClientSampleId :

RA-081618-FL-036MS

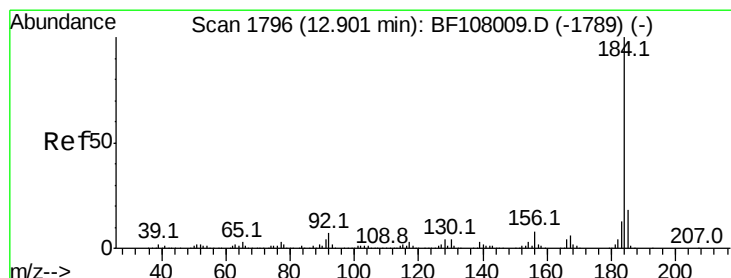
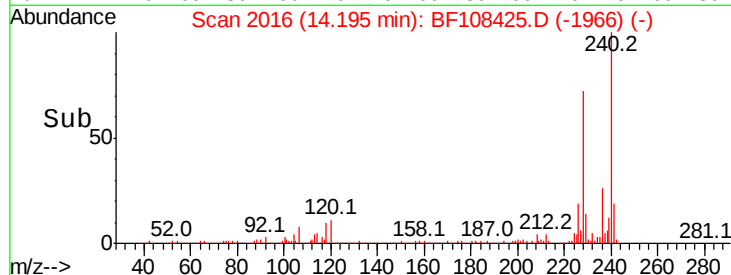
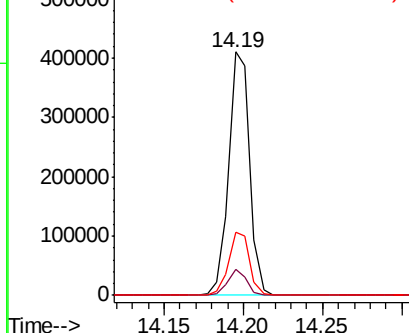
Tot Ion:	240	Resp:	375317
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.8	20.7	31.1

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



#76

Benzidine

Concen: 15.698 ng

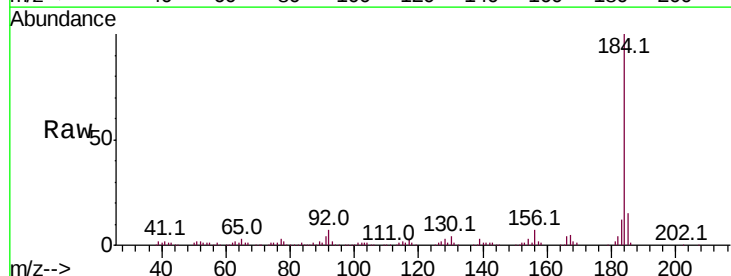
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

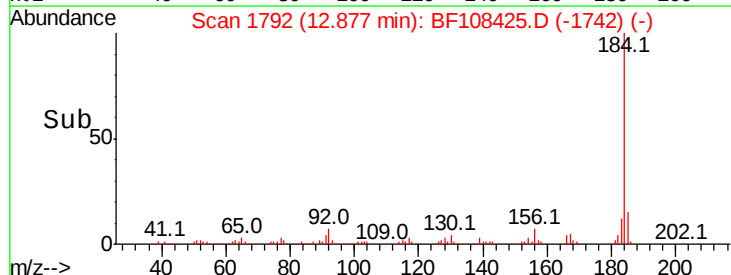
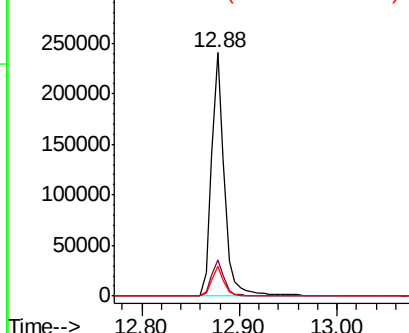
Lab File: BF108425.D

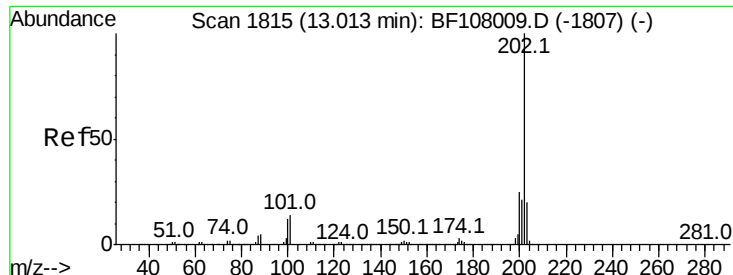
Acq: 23 Aug 2018 17:07

Tgt Ion:	184	Resp:	220129
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.2	9.3	13.9



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





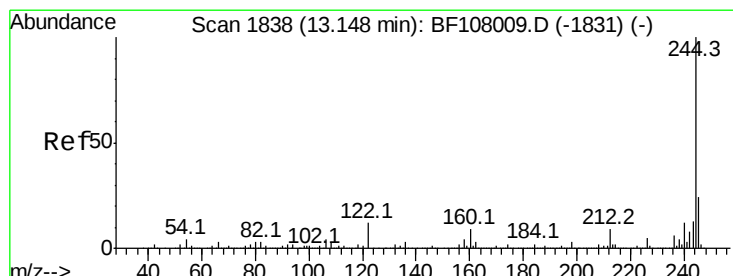
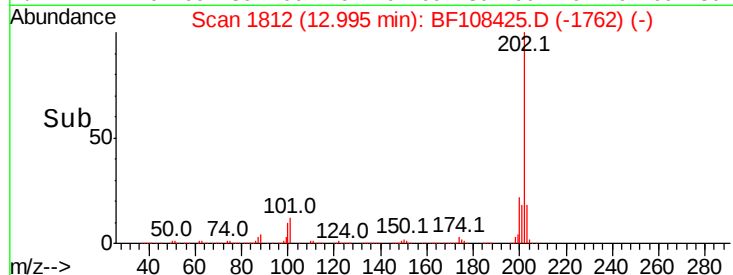
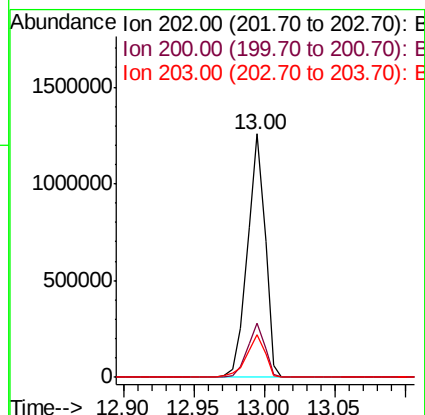
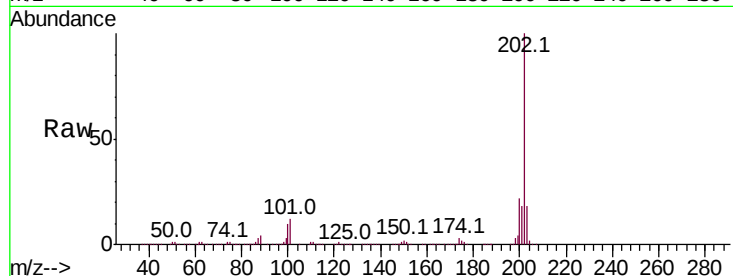
#77
Pvrene
Concen: 46.295 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.8	14.3	21.5

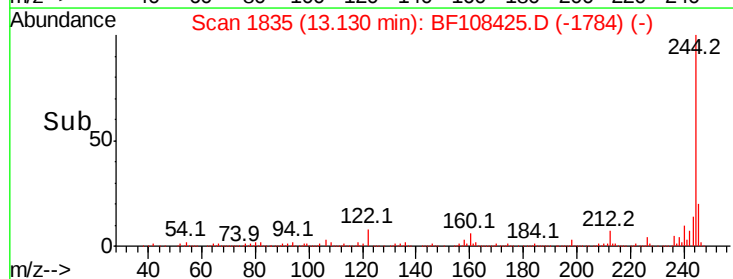
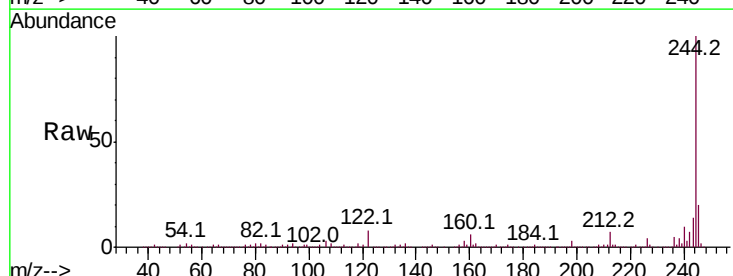
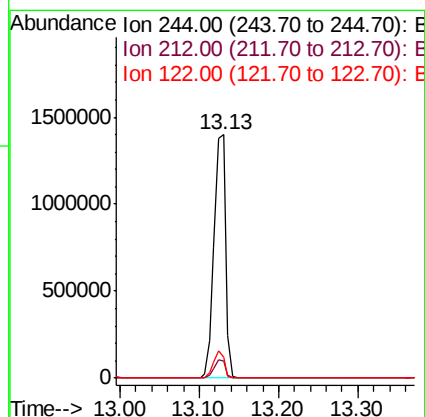
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#78
Terphenyl-d14
Concen: 96.762 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	8.4	11.0	16.4#





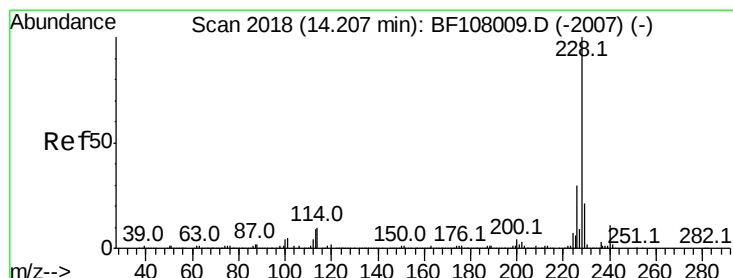
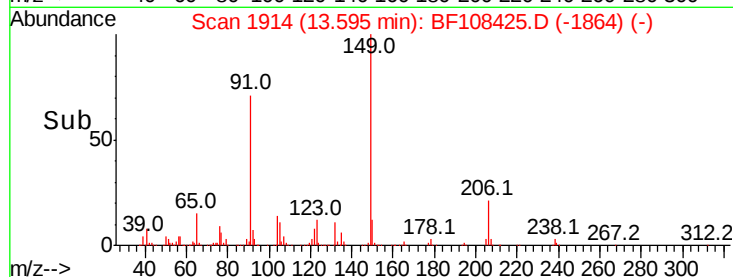
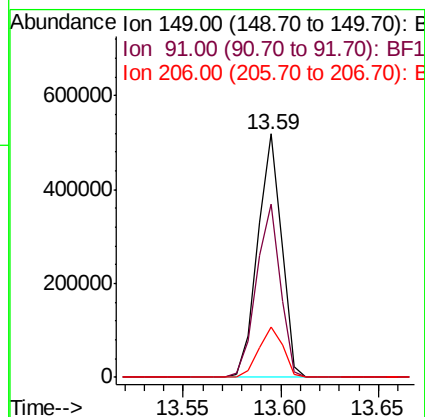
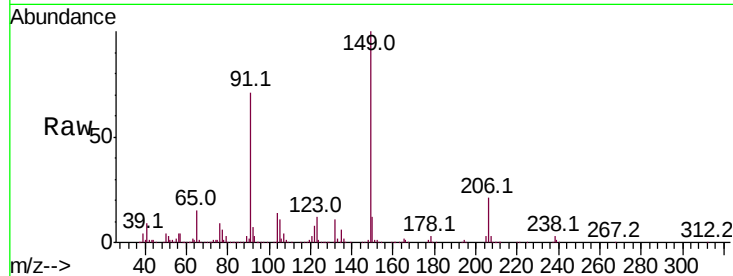
#79
Butylbenzylphthalate
Concen: 46.655 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.8	85.2
206	20.7	14.1	21.1

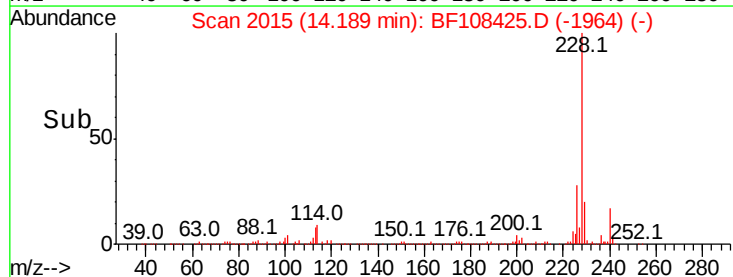
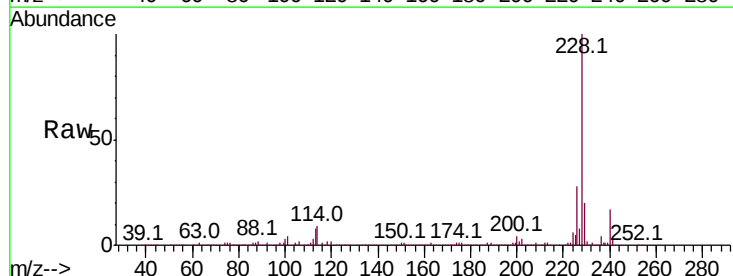
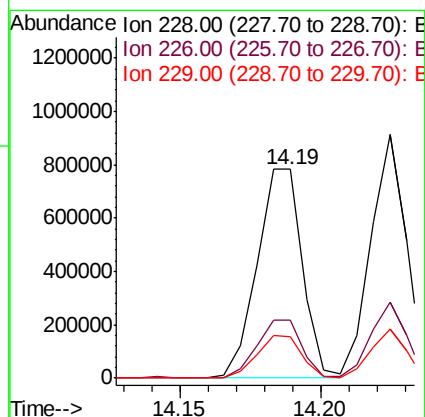
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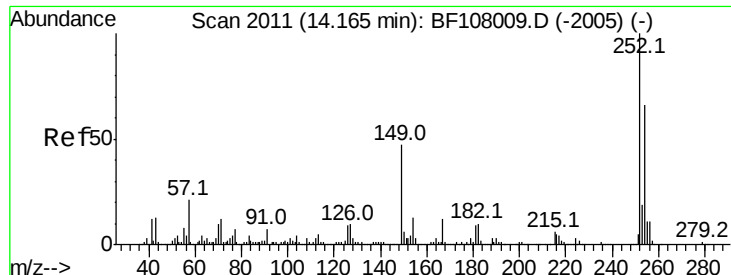
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#80
Benzo(a)anthracene
Concen: 40.398 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	15.8	23.6





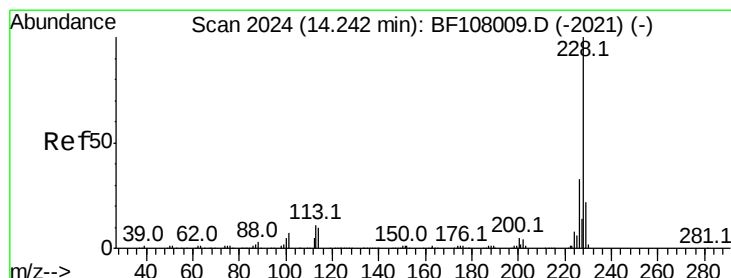
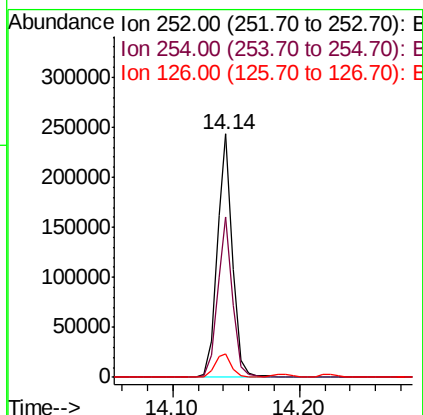
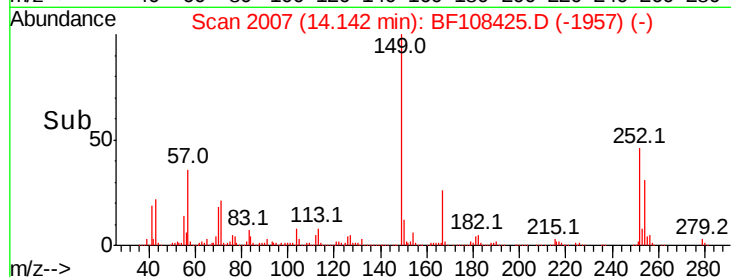
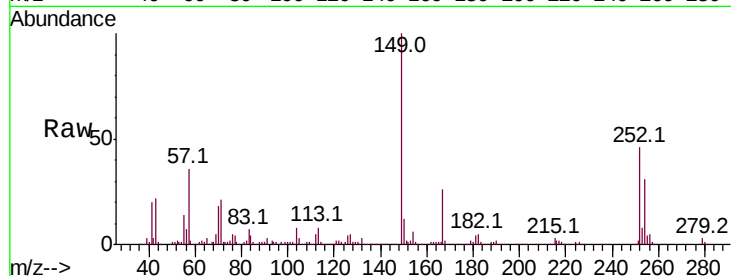
#81
 3,3'-Dichlorobenzidine
 Concen: 26.603 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.4	75.6
126	9.7	11.3	16.9

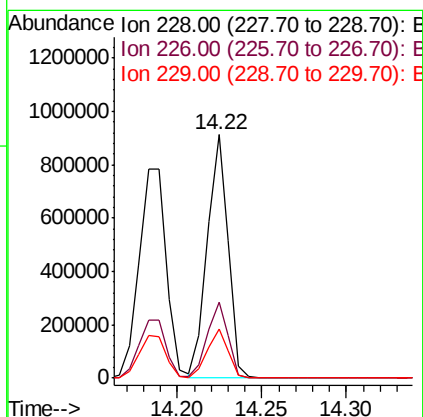
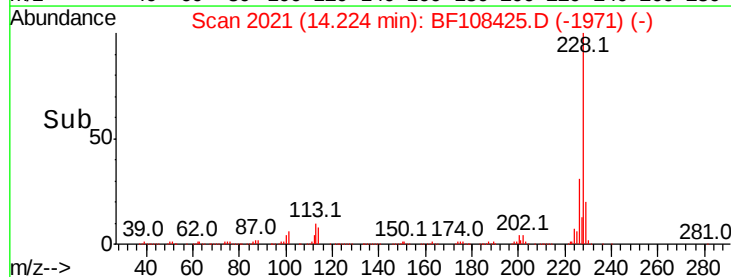
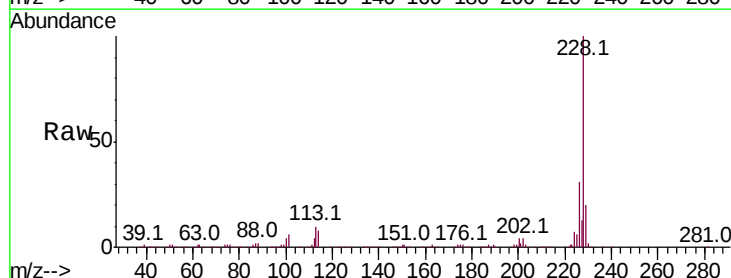
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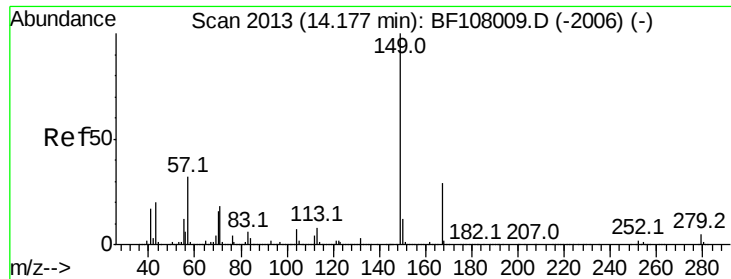
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#82
 Chrysene
 Concen: 39.893 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.3	16.2	24.4





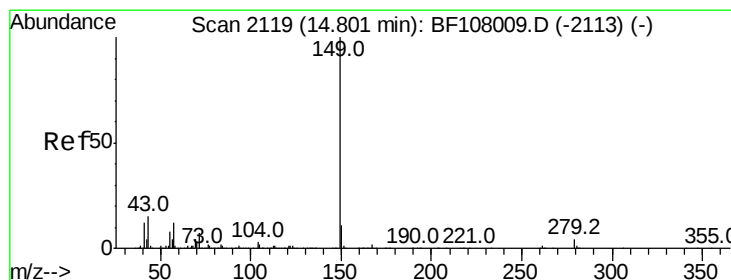
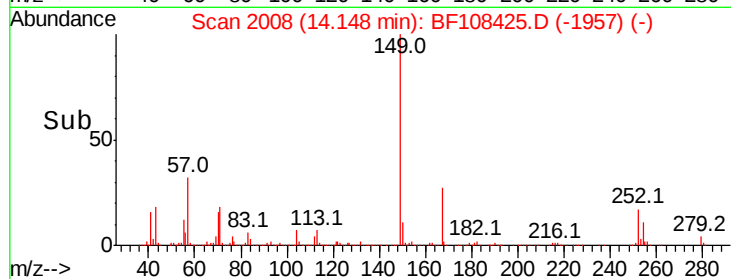
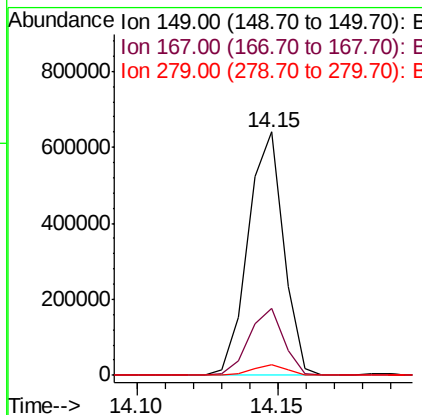
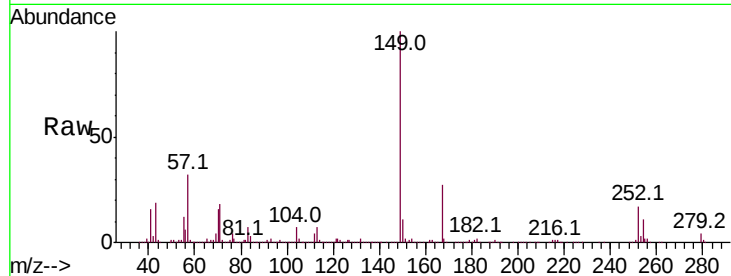
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.830 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.3	3.0	4.4

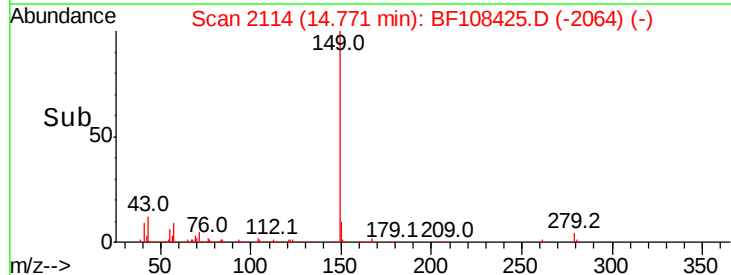
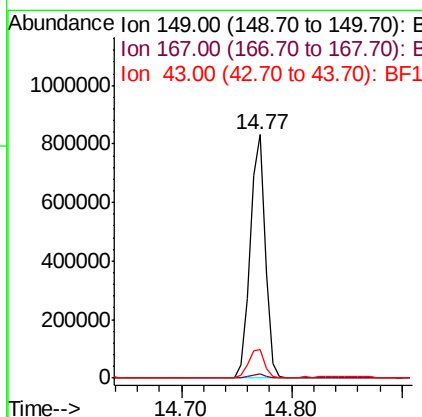
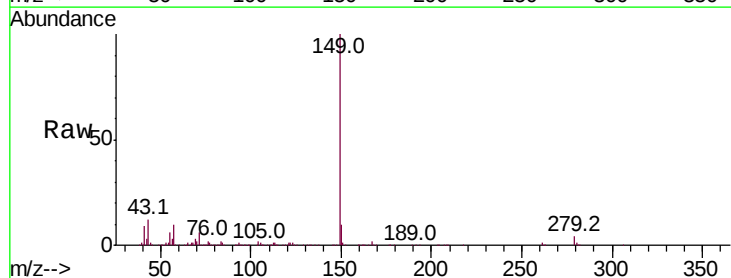
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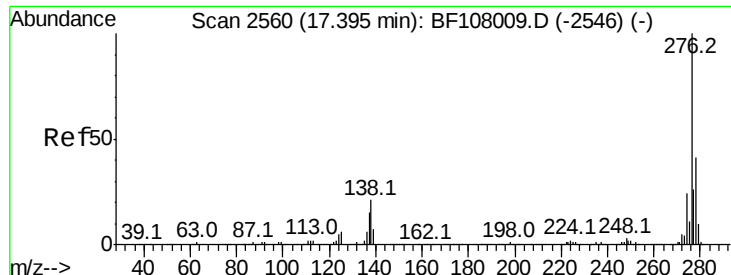
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#84
 Di-n-octyl phthalate
 Concen: 41.026 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	8.4	12.6





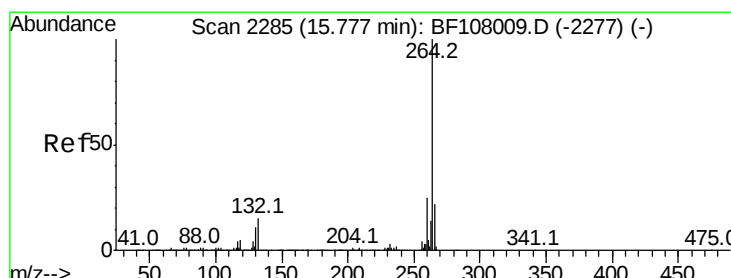
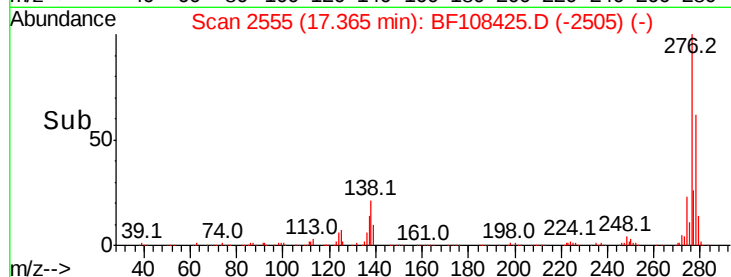
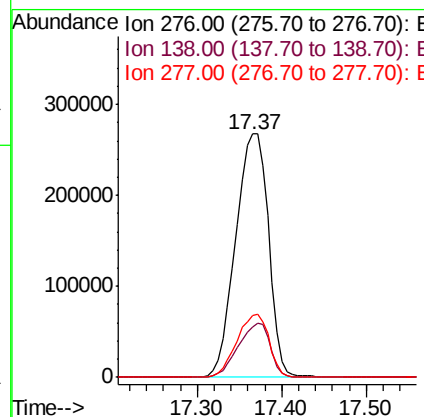
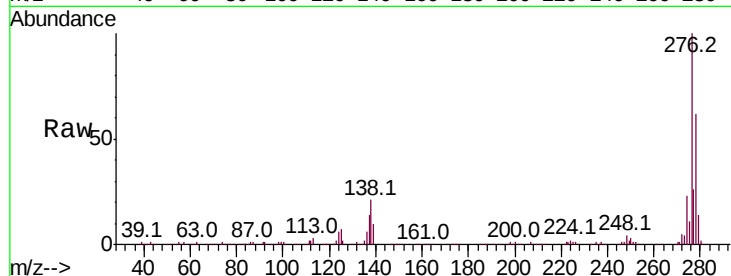
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.268 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	25.3	20.1	30.1

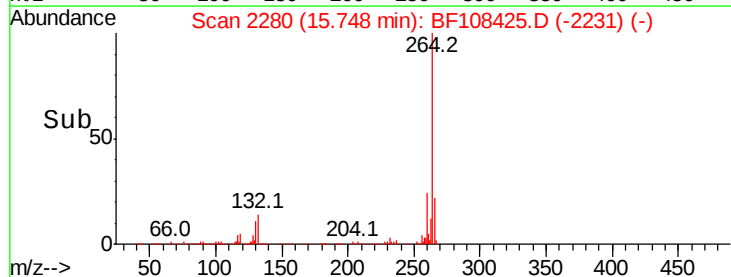
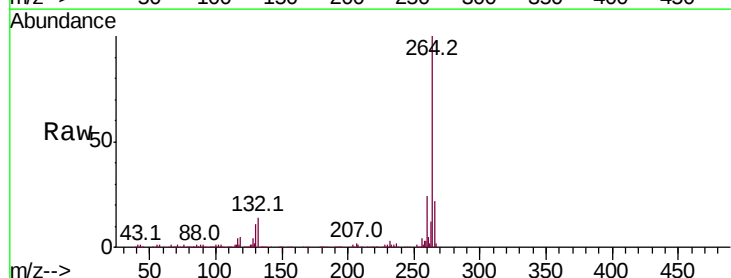
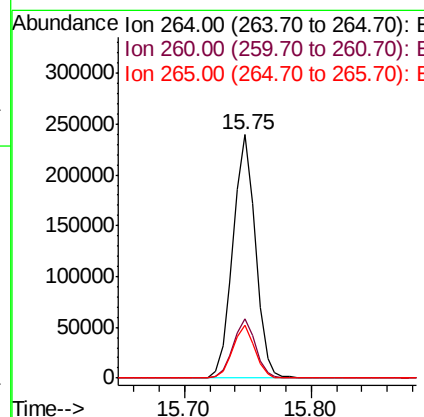
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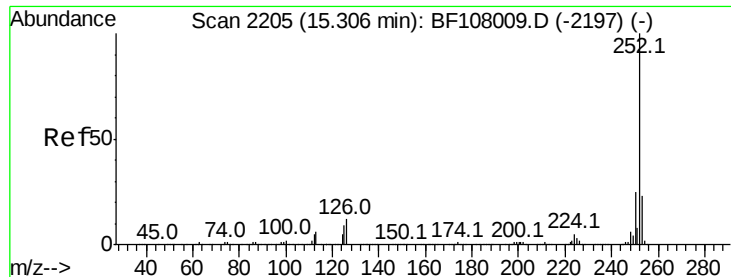
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3





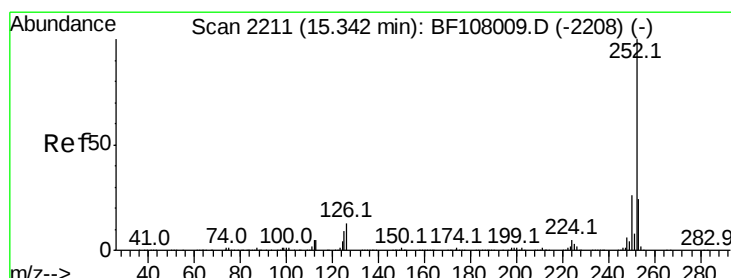
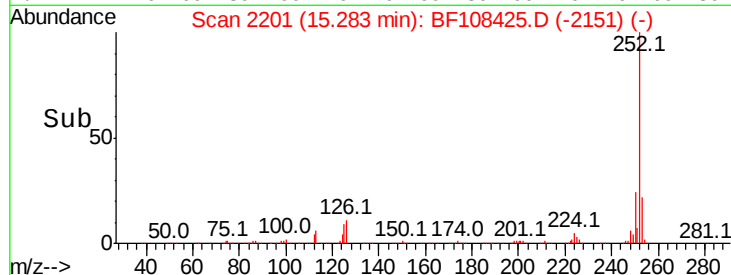
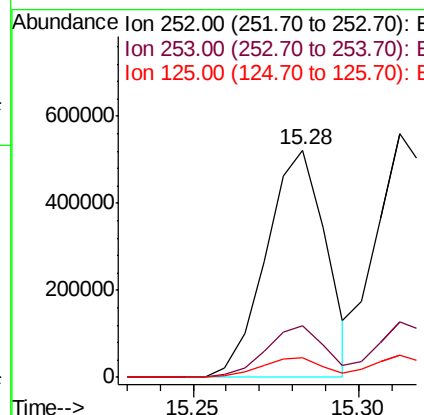
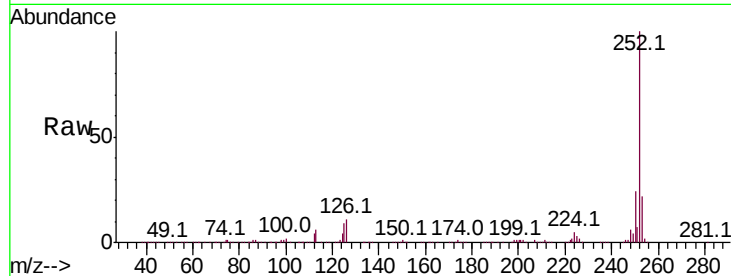
#87
Benzo(b)fluoranthene
Concen: 37.384 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.8	9.0	13.6#

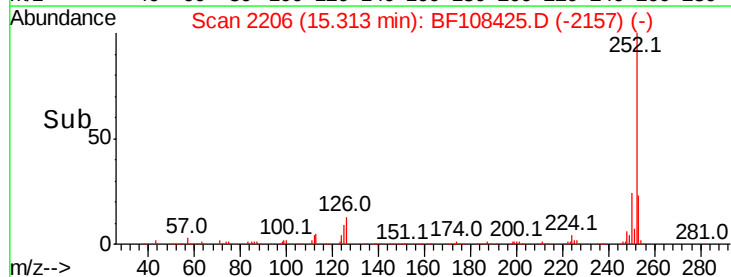
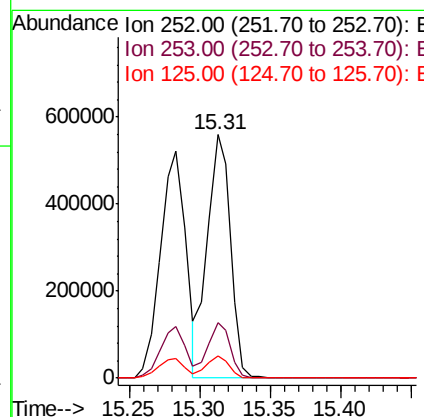
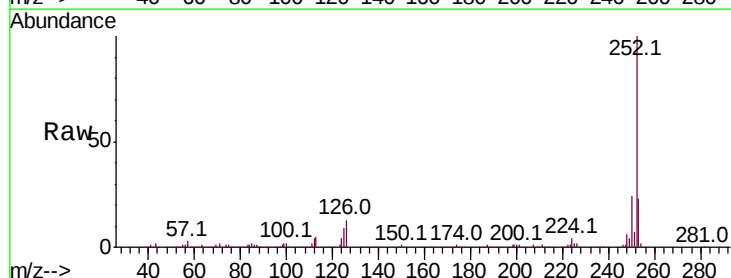
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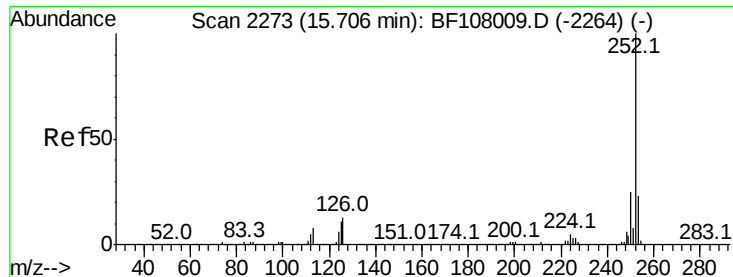
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#88
Benzo(k)fluoranthene
Concen: 39.610 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.1	10.2	15.2#





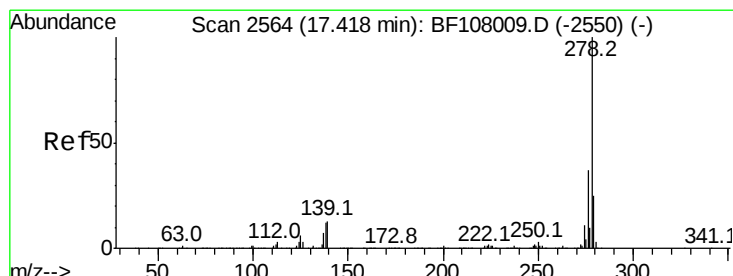
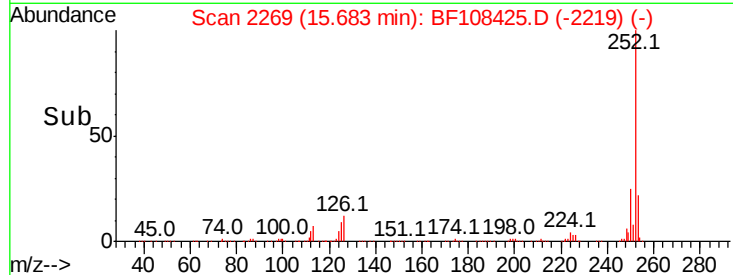
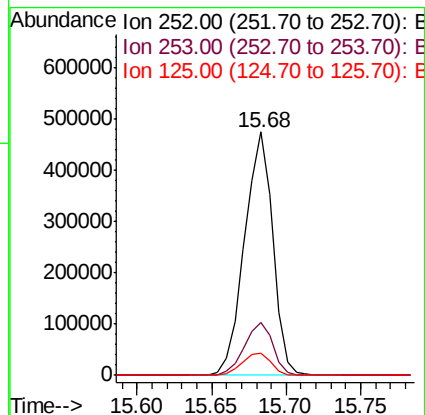
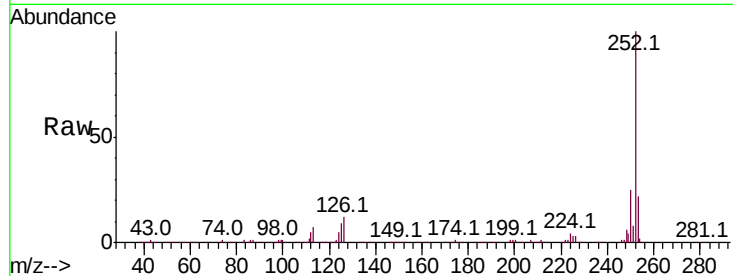
#89
Benzo(a)pyrene
Concen: 39.690 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	21.9	17.1	25.7		
125	9.2	9.8	14.6		

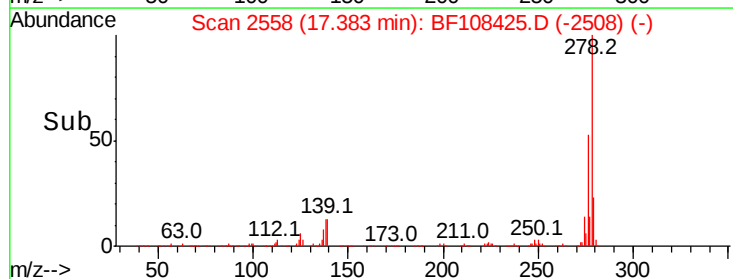
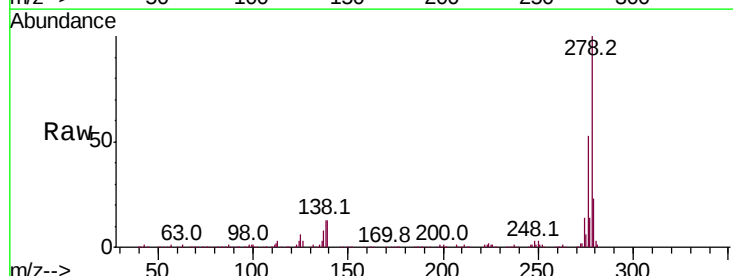
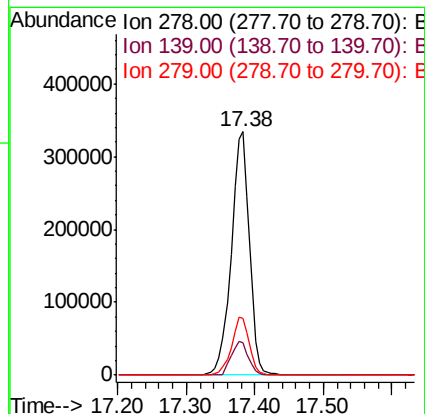
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#90
Dibenzo(a,h)anthracene
Concen: 47.272 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108425.D
Acq: 23 Aug 2018 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	13.3	15.9	23.9		
279	23.4	19.0	28.4		





#91
 Benzo(a,h,i)perylene
 Concen: 47.107 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108425.D
 Acq: 23 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MS

Tot Ion:	276	Resp:	601131
Ion Ratio		Lower	Upper
276	100		
277	24.5	17.9	26.9
138	19.9	21.8	32.8#

Manual Integrations
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 8/24/2018 12:14:00 PM

