

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108476.D
 Acq On : 24 Aug 2018 21:08
 Operator : JU/SJ
 Sample : J4581-12MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Manual Integrations
 APPROVED

Sohil
 8/27/2018 12:56:47 PM

Quant Time: Aug 25 01:13:43 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	131377	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	491731	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	244181	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	485662	20.00	ng	0.00
75) Chrysene-d12	14.19	240	300210	20.00	ng	0.00
86) Perylene-d12	15.75	264	267372	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	779282	107.39	ng	0.00
7) Phenol-d6	6.63	99	1054432	109.35	ng	0.00
23) Nitrobenzene-d5	7.57	82	694795	78.85	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	301856	123.93	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1199778	78.88	ng	0.00
78) Terphenyl-d14	13.12	244	1283955	108.74	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.94	88	107065	28.714	ng	88
3) Pyridine	3.71	79	307407	32.005	ng	86
4) n-Nitrosodimethylamine	3.67	42	183228	33.901	ng	# 84
6) Aniline	6.67	93	439148	33.480	ng	97
8) 2-Chlorophenol	6.79	128	326158	39.907	ng	98
9) Benzaldehyde	6.55	77	205087	27.431	ng	97
10) Phenol	6.64	94	441013	44.214	ng	92
11) bis(2-Chloroethyl)ether	6.74	93	322064	39.938	ng	97
12) 1,3-Dichlorobenzene	6.94	146	358889	37.978	ng	98
13) 1,4-Dichlorobenzene	7.02	146	364438	38.384	ng	99
14) 1,2-Dichlorobenzene	7.17	146	346107	39.190	ng	99
15) Benzyl Alcohol	7.14	79	306190	37.718	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	604221	36.371	ng	99
17) 2-Methylphenol	7.25	107	282411	40.294	ng	94
18) Hexachloroethane	7.51	117	129748	38.385	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	246668	37.827	ng	90
20) 3+4-Methylphenols	7.40	107	345572	38.476	ng	92
22) Acetophenone	7.41	105	469997	40.877	ng	# 91
24) Nitrobenzene	7.58	77	373280	41.890	ng	94
25) Isophorone	7.82	82	668807	39.819	ng	97
26) 2-Nitrophenol	7.90	139	164007	48.736	ng	95
27) 2,4-Dimethylphenol	7.92	122	297978	39.972	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	405682	41.374	ng	99
29) 2,4-Dichlorophenol	8.14	162	292635	42.656	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	306409	40.510	ng	97
31) Naphthalene	8.31	128	943324	42.183	ng	99
32) Benzoic acid	8.00	122	17607	9.538	ng	92
33) 4-Chloroaniline	8.35	127	275260	28.244	ng	99
34) Hexachlorobutadiene	8.41	225	196702	41.080	ng	98
35) Caprolactam	8.72	113	83858m	39.006	ng	
36) 4-Chloro-3-methylphenol	8.83	107	304751	41.178	ng	97
37) 2-Methylnaphthalene	9.00	142	638431	40.351	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	323906	43.196	ng	98
40) Hexachlorocyclopentadiene	9.15	237	276604	57.110	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	211780	45.512	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	211780	41.344	ng	95
45) 1,1'-Biphenyl	9.46	154	773354	42.956	ng	99
46) 2-Chloronaphthalene	9.49	162	596463	41.918	ng	99
47) 2-Nitroaniline	9.59	65	206235	44.794	ng	94
48) Acenaphthylene	9.91	152	953021	42.365	ng	100
49) Dimethylphthalate	9.76	163	911520	53.590	ng	99
50) 2,6-Dinitrotoluene	9.82	165	158038	44.409	ng	87
51) Acenaphthene	10.08	154	561973	40.787	ng	99
52) 3-Nitroaniline	10.00	138	137091	35.209	ng	97
53) 2,4-Dinitrophenol	10.11	184	94901	72.025	ng	# 22
54) Dibenzofuran	10.25	168	830081	41.584	ng	98
55) 4-Nitrophenol	10.16	139	223864	75.926	ng	# 80
56) 2,4-Dinitrotoluene	10.24	165	213217	46.547	ng	# 97
57) Fluorene	10.60	166	656788	41.563	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	196225	45.832	ng	# 85
59) Diethylphthalate	10.46	149	693839	42.126	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	339452	41.226	ng	93
61) 4-Nitroaniline	10.62	138	164816	42.814	ng	91
62) Azobenzene	10.75	77	691133	40.632	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	73997	41.411	ng	76
65) n-Nitrosodiphenylamine	10.71	169	605535	42.192	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	219350	41.560	ng	# 87
67) Hexachlorobenzene	11.15	284	230095	41.435	ng	# 87
68) Atrazine	11.22	200	207235	43.051	ng	97
69) Pentachlorophenol	11.34	266	213997	80.512	ng	98
70) Phenanthrene	11.57	178	950570	41.497	ng	99
71) Anthracene	11.62	178	981455	41.803	ng	99
72) Carbazole	11.77	167	859316	41.195	ng	99
73) Di-n-butylphthalate	12.08	149	1049463	44.417	ng	99
74) Fluoranthene	12.76	202	993804	39.752	ng	96
76) Benzidine	12.88	184	359228	32.027	ng	98
77) Pyrene	12.99	202	962569	50.644	ng	100
79) Butylbenzylphthalate	13.59	149	390624	51.758	ng	95
80) Benzo(a)anthracene	14.18	228	718379	41.696	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	196974	31.902	ng	# 98
82) Chrysene	14.22	228	660256	41.801	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	522400	51.114	ng	99
84) Di-n-octyl phthalate	14.77	149	764210	49.029	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	707033	51.661	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	616350	38.578	ng	98
88) Benzo(k)fluoranthene	15.31	252	567288	38.627	ng	# 96
89) Benzo(a)pyrene	15.68	252	584287	40.840	ng	# 97
90) Dibenzo(a,h)anthracene	17.38	278	601587	50.821	ng	# 92
91) Benzo(g,h,i)perylene	17.86	276	594471	51.001	ng	# 89

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

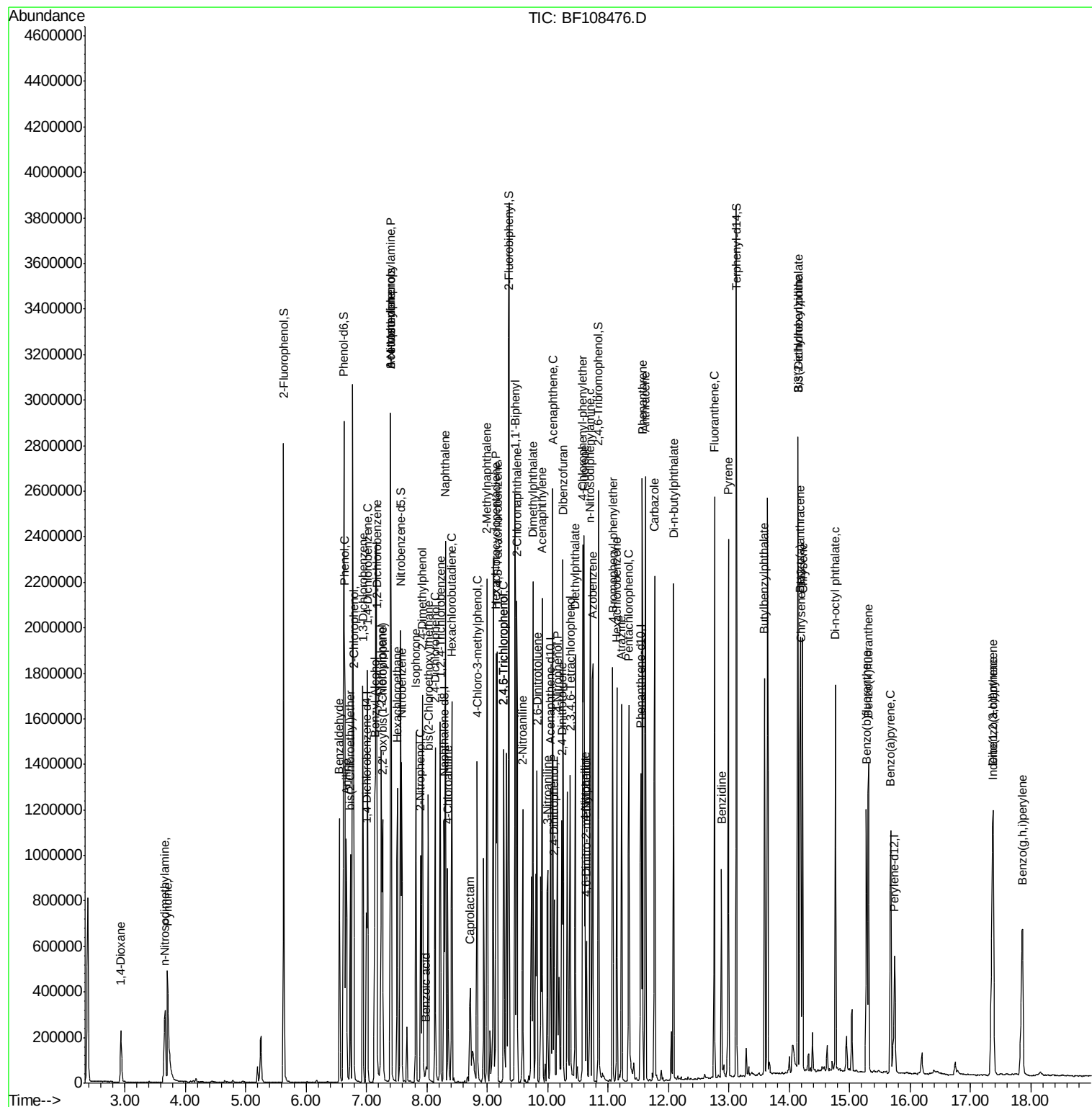
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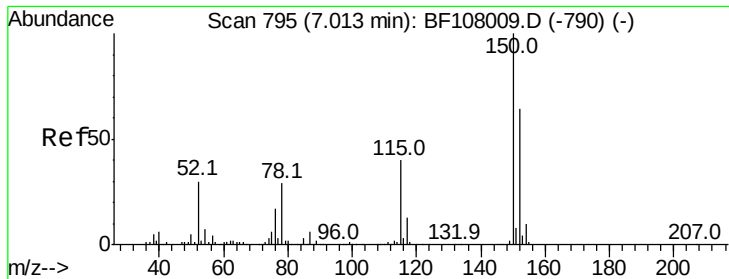
Instrument :
BNA_F
ClientSampled :
EP1-Q3-C2MSD

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#1

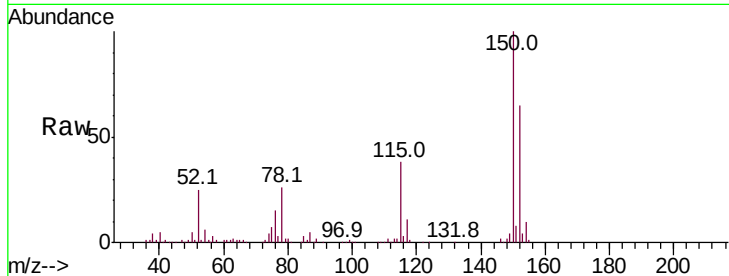
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	58.4	50.1	75.1

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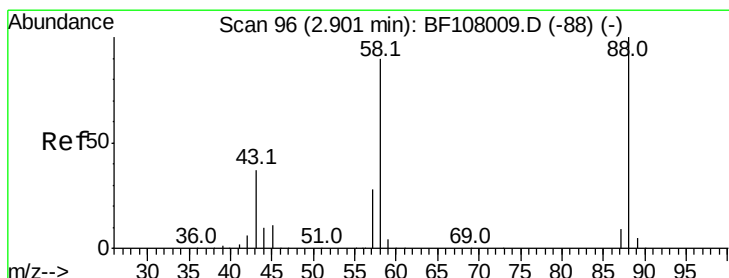
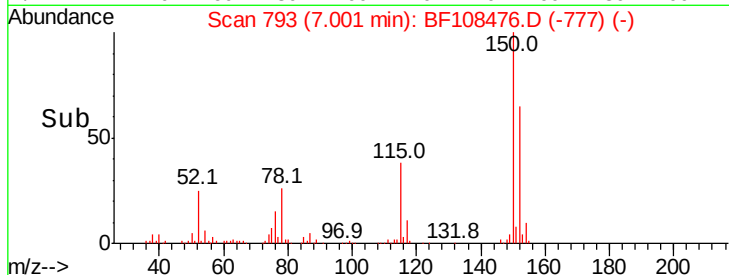
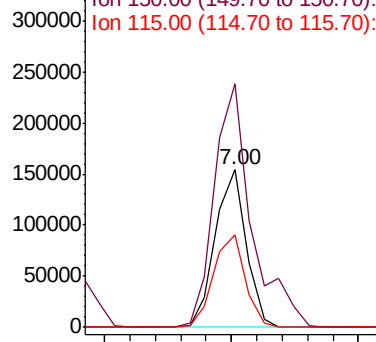


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

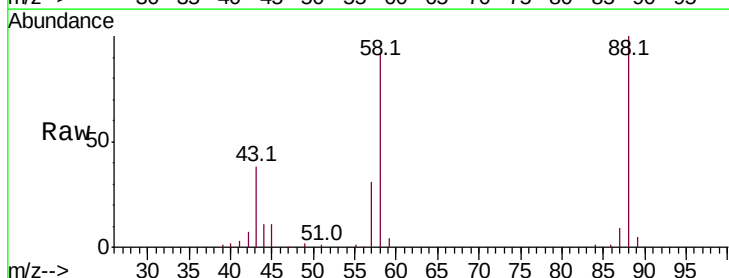
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.714 ng
RT: 2.94 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	62.6	93.8
43	34.9	24.6	37.0

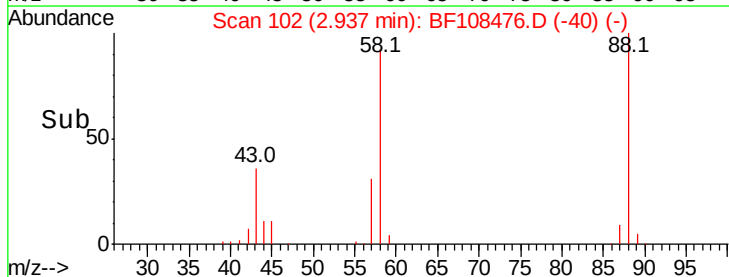
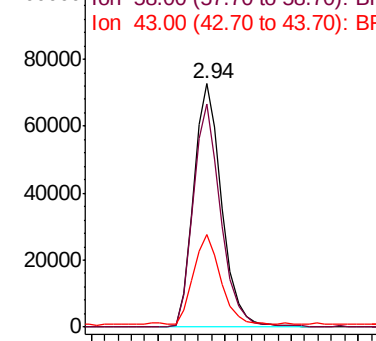


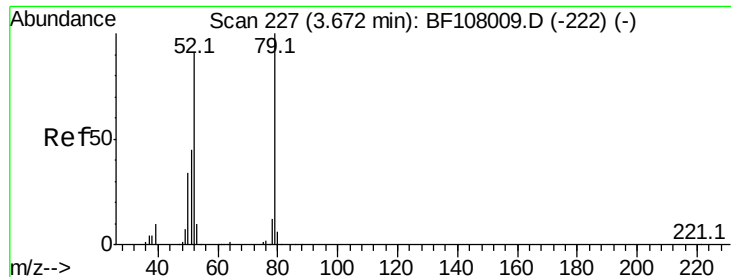
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.005 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.05 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

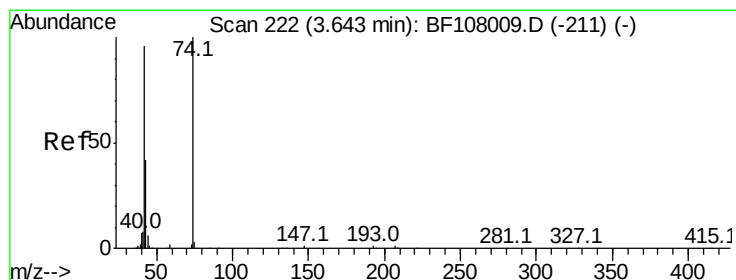
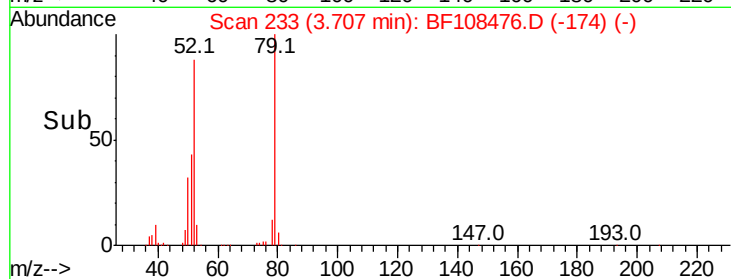
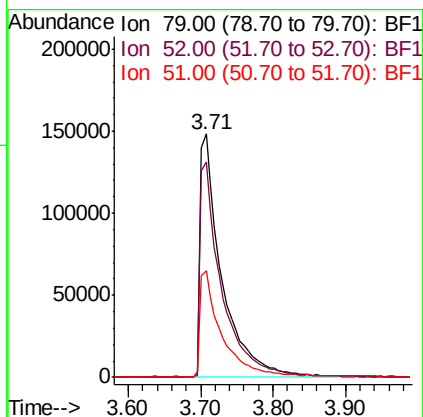
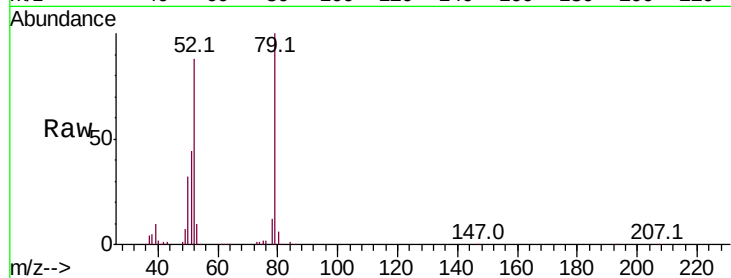
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	88.4	59.8	89.6		
51	43.6	29.8	44.8		

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#4

n-Nitrosodimethylamine

Concen: 33.901 ng

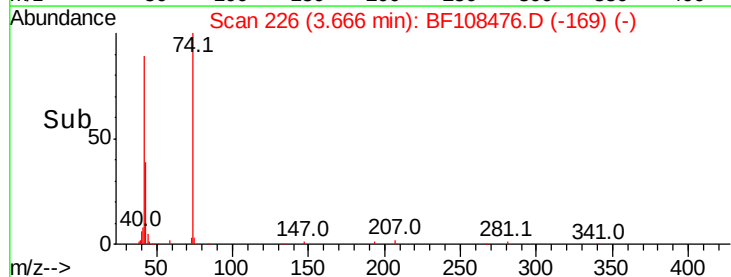
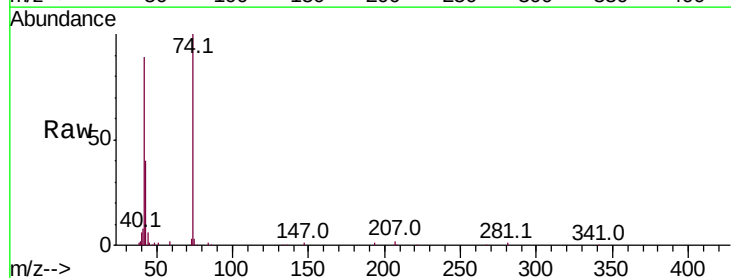
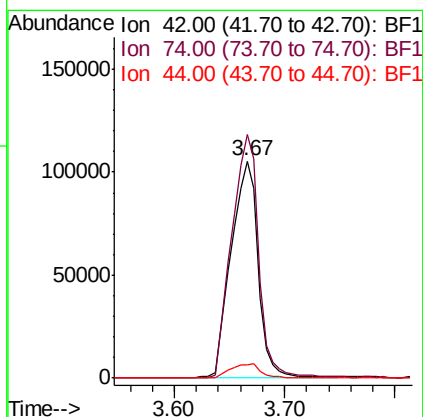
RT: 3.67 min Scan# 226

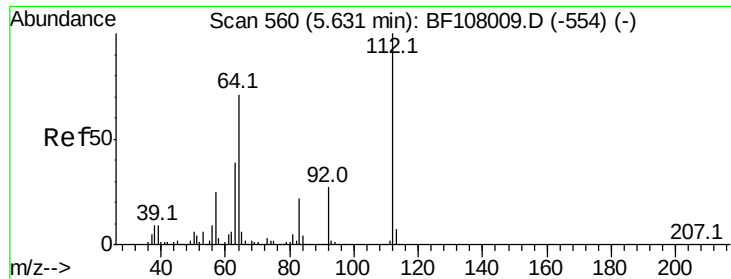
Delta R.T. 0.04 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	112.2	104.9	157.3		
44	6.3	6.9	10.3#		





#5

2-Fluorophenol

Concen: 107.390 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

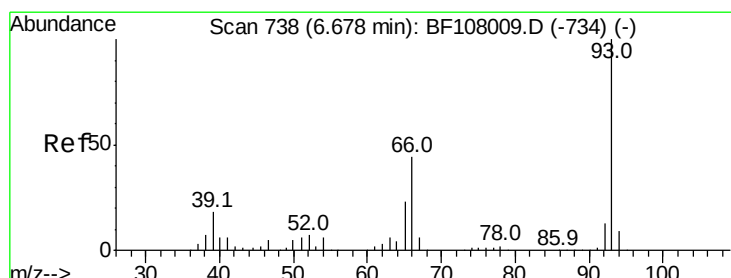
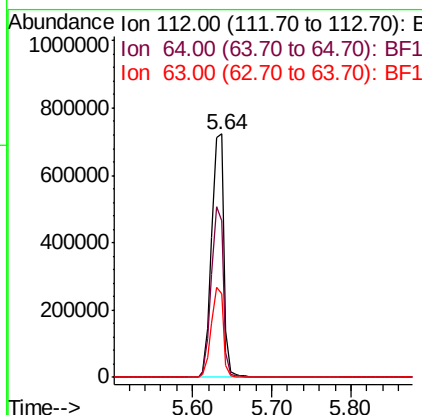
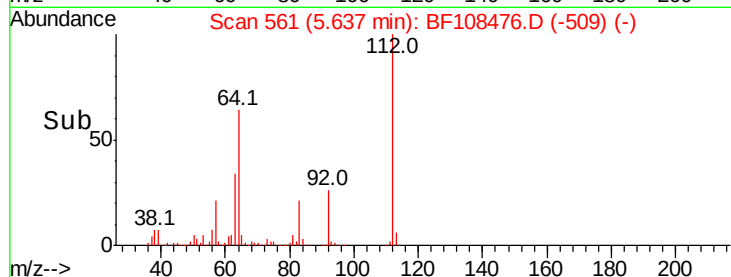
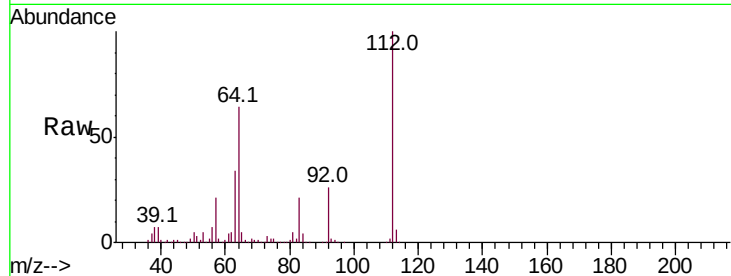
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	112	Resp:	779282
Ion Ratio	Lower	Upper	
112	100		
64	64.4	47.9	71.9
63	34.4	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 33.480 ng

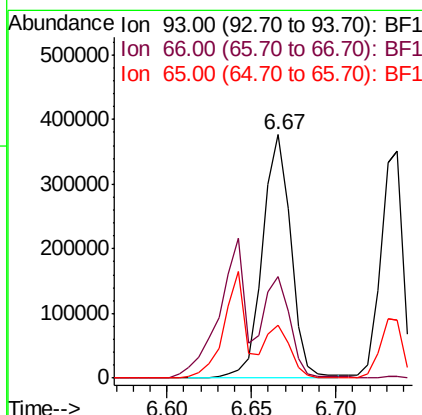
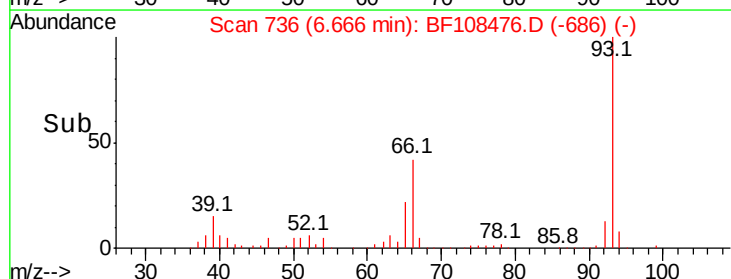
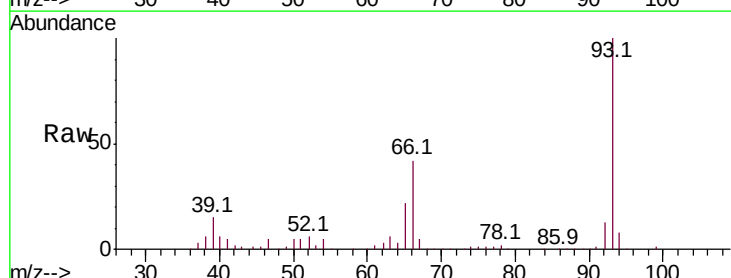
RT: 6.67 min Scan# 736

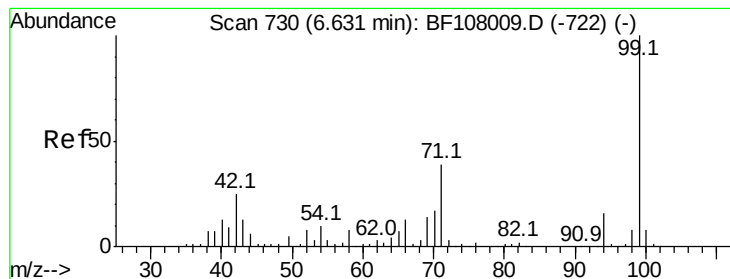
Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	93	Resp:	439148
Ion Ratio	Lower	Upper	
93	100		
66	41.9	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 109.347 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C2MSD

Tot Ion: 99 Resp: 1054432

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

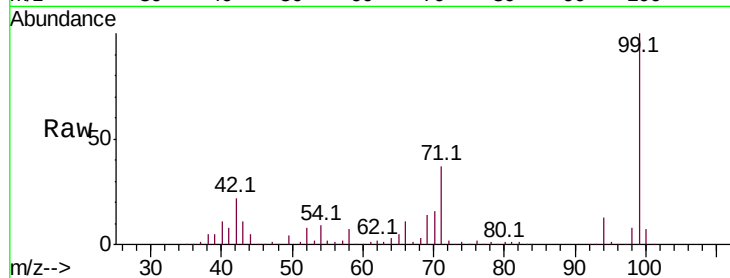
71 36.5 25.4 38.0

Manual Integrations

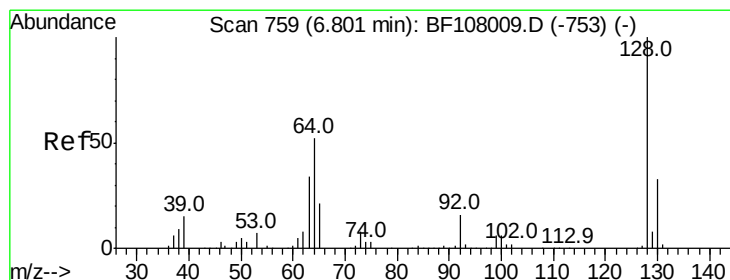
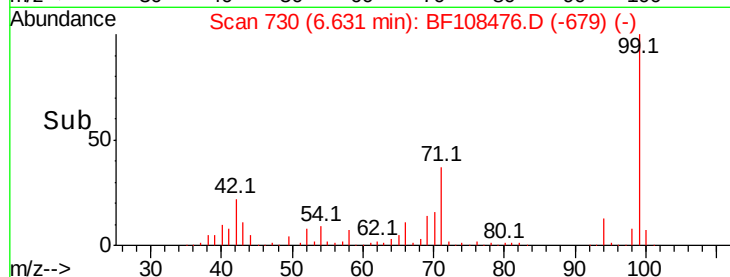
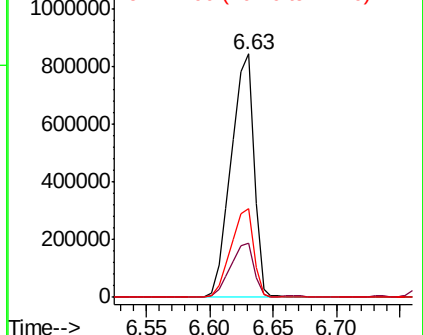
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.907 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

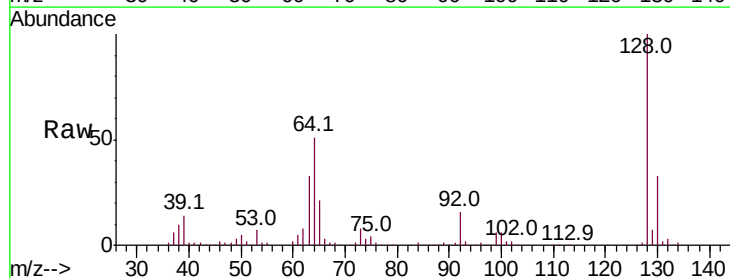
Tgt Ion:128 Resp: 326158

Ion Ratio Lower Upper

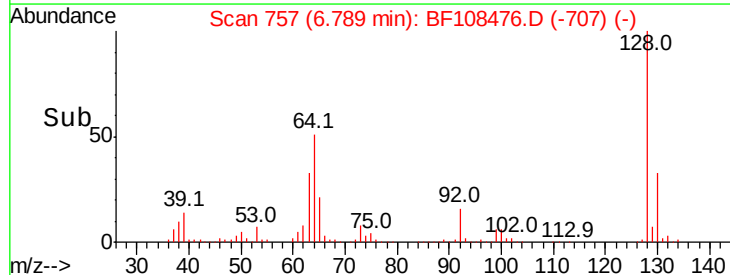
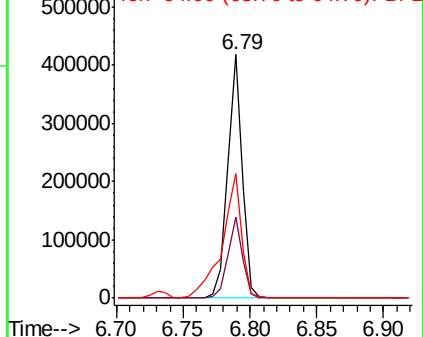
128 100

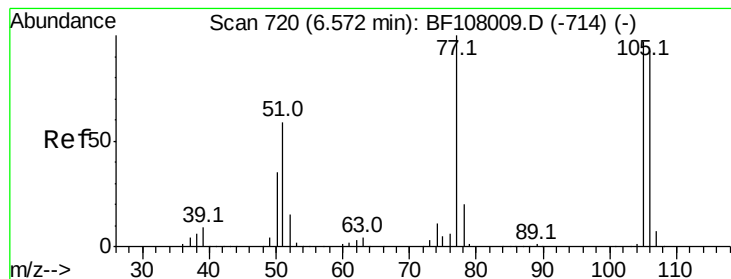
130 33.3 13.0 53.0

64 51.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 27.431 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

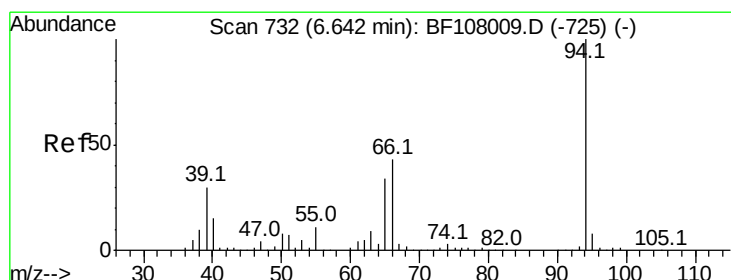
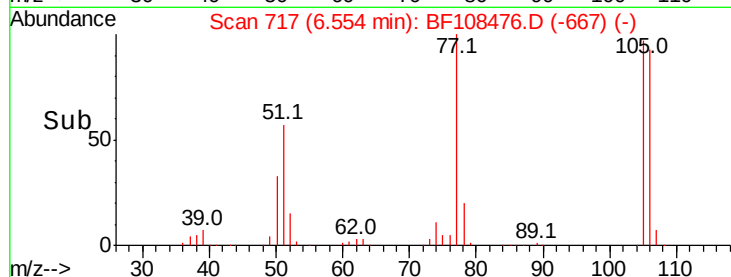
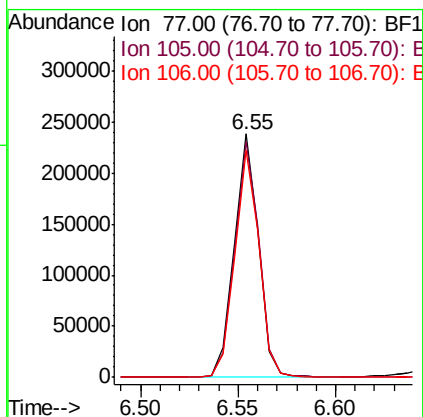
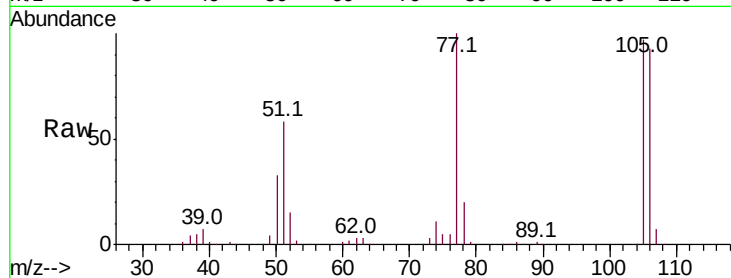
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	77	Resp:	205087
Ion Ratio	Lower	Upper	
77	100		
105	96.9	81.1	121.1
106	93.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.214 ng

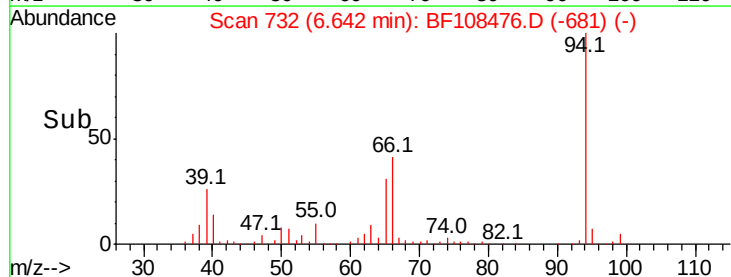
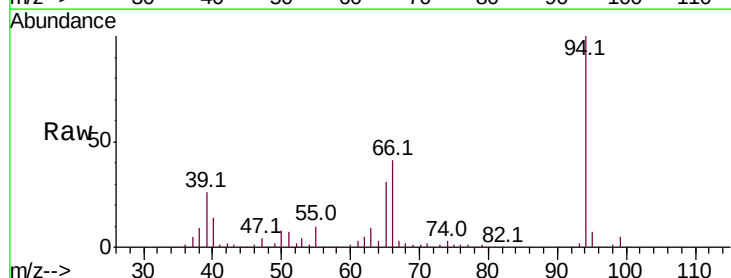
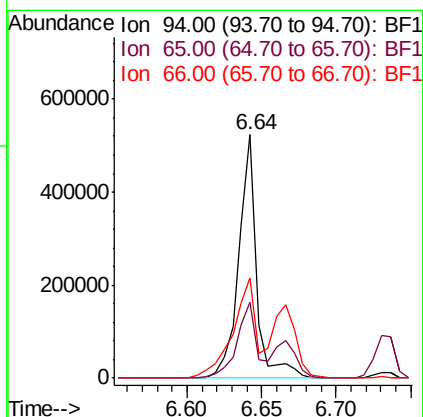
RT: 6.64 min Scan# 732

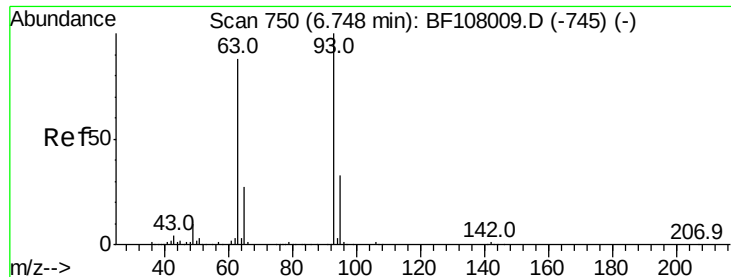
Delta R.T. -0.00 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	94	Resp:	441013
Ion Ratio	Lower	Upper	
94	100		
65	31.3	7.9	47.9
66	41.4	16.2	56.2





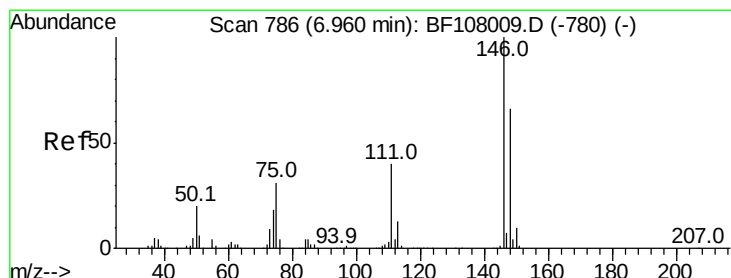
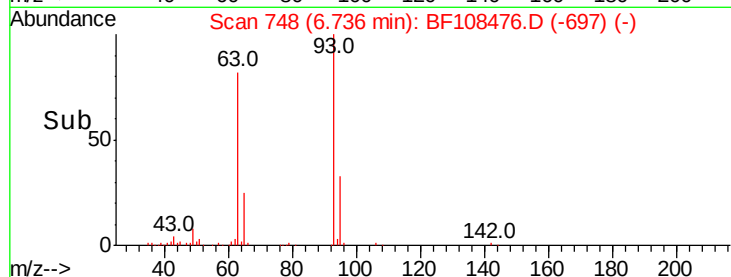
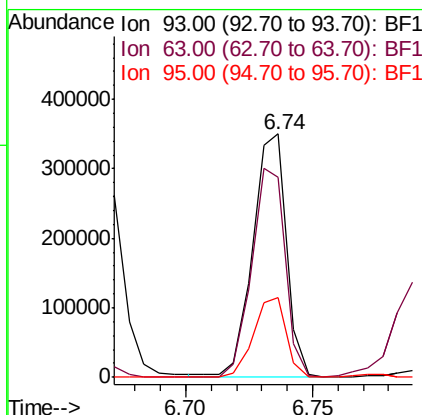
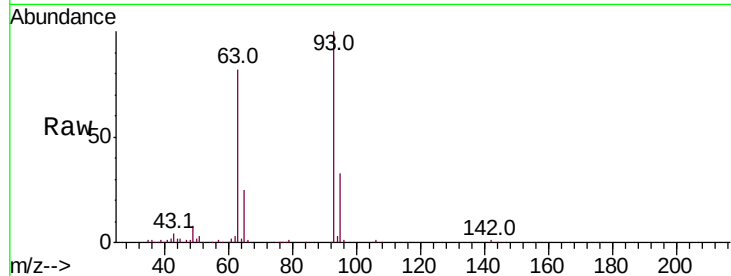
#11
bis(2-Chloroethyl)ether
Concen: 39.938 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	93	Resp	322064
Ion	Ratio	Lower	Upper
93	100		
63	82.2	58.6	98.6
95	32.5	11.8	51.8

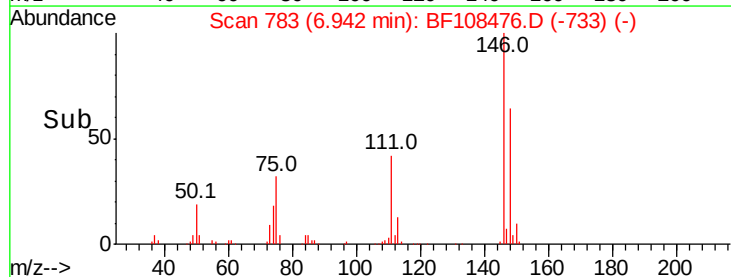
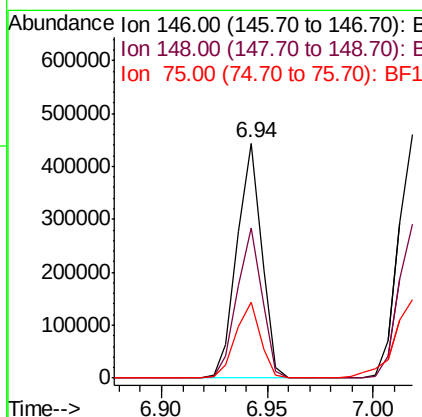
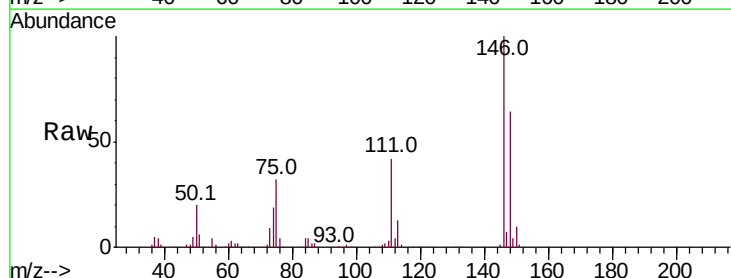
Manual Integrations
APPROVED

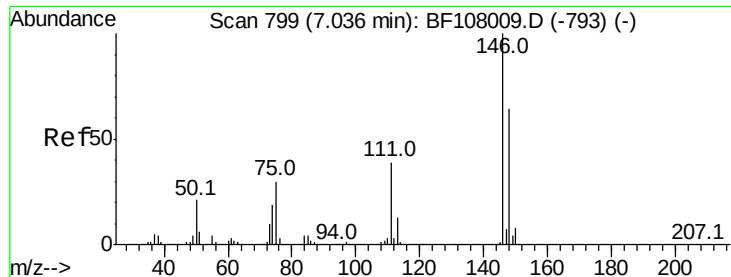
Sohil
8/27/2018 12:56:47 PM



#12
1,3-Dichlorobenzene
Concen: 37.978 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	146	Resp	358889
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	32.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.384 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

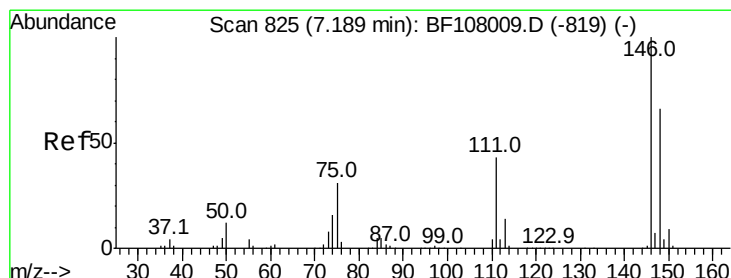
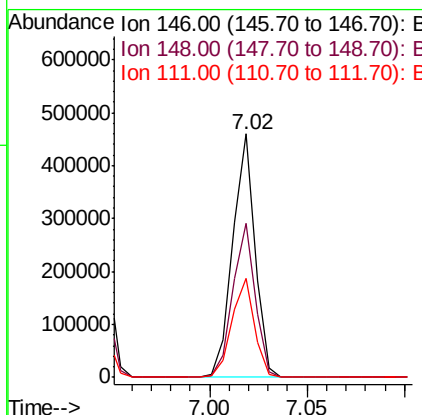
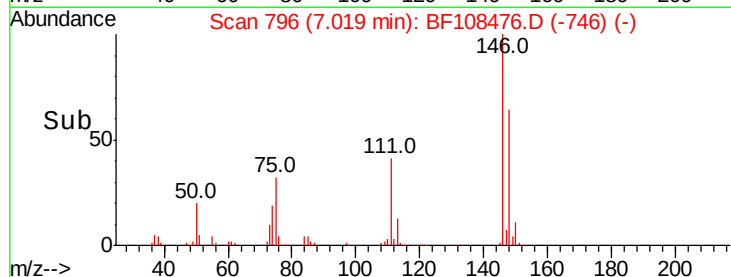
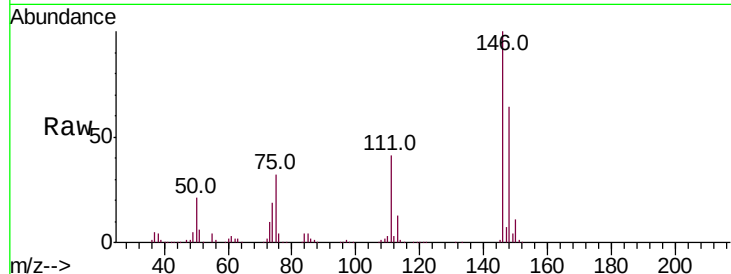
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	146	Resp:	364438
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
111	40.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 39.190 ng

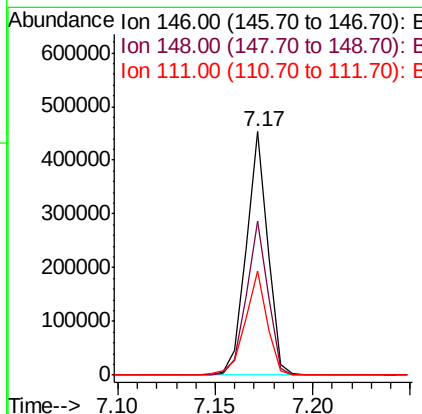
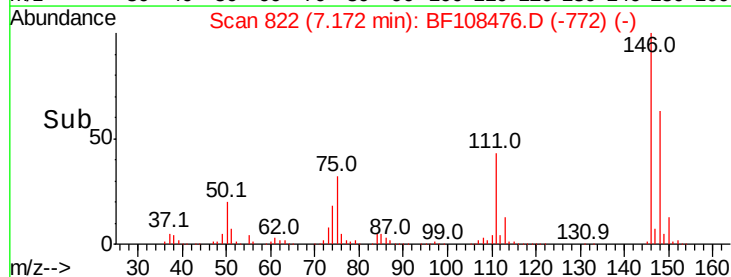
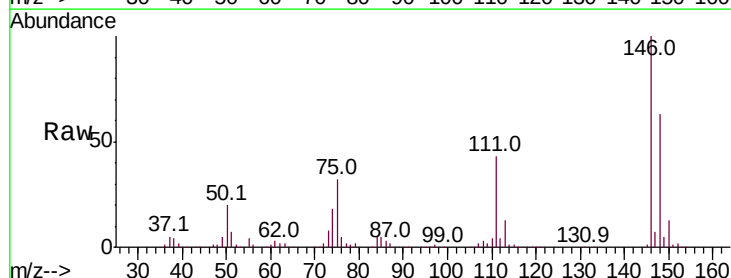
RT: 7.17 min Scan# 822

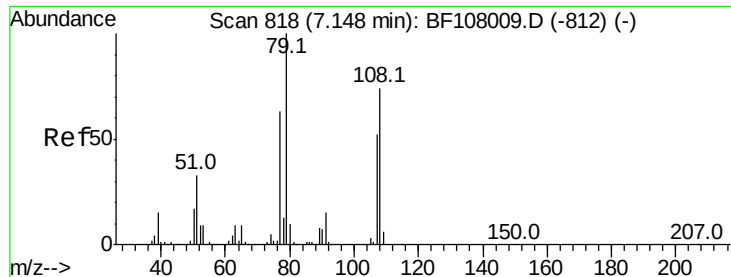
Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	146	Resp:	346107
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.718 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

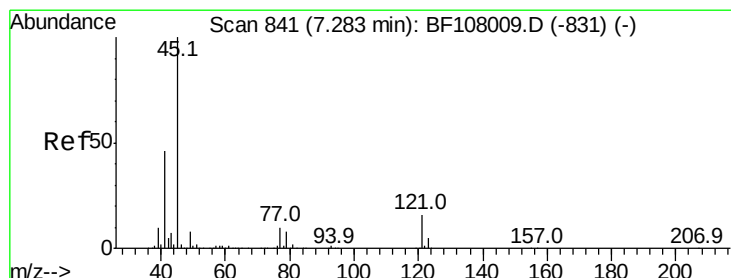
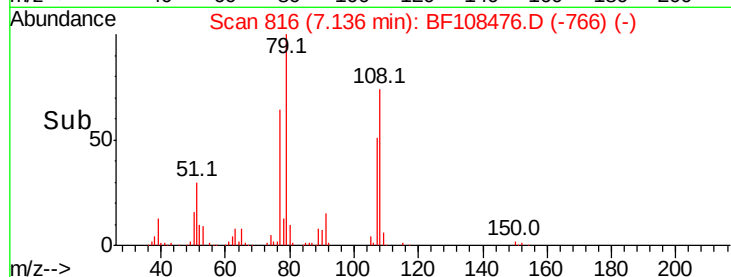
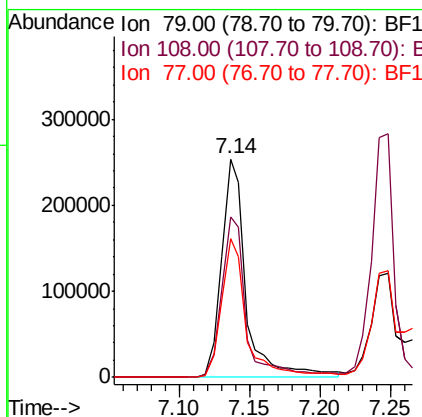
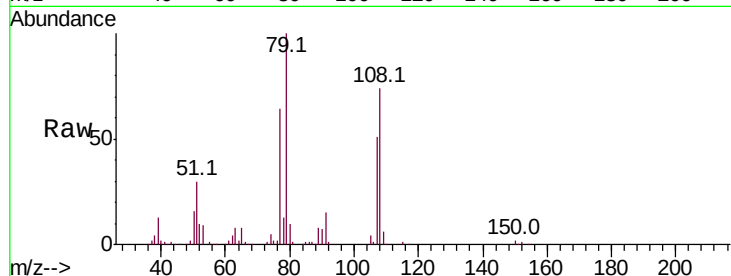
ClientSampled :

EP1-Q3-C2MSD

Tot Ion:	79	Resp:	306190
Ion Ratio	Lower	Upper	
79	100		
108	73.8	65.1	97.7
77	63.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.371 ng

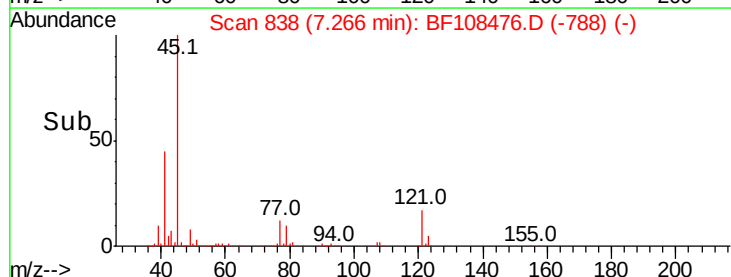
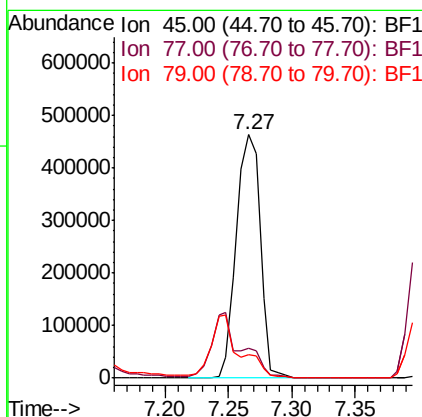
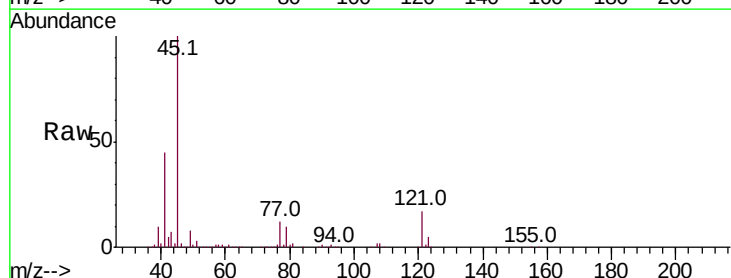
RT: 7.27 min Scan# 838

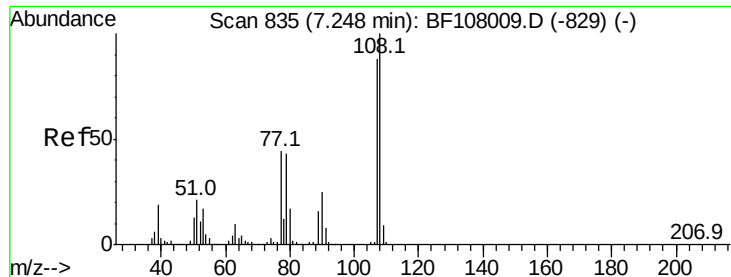
Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	45	Resp:	604221
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	32.9
79	9.5	0.0	29.6





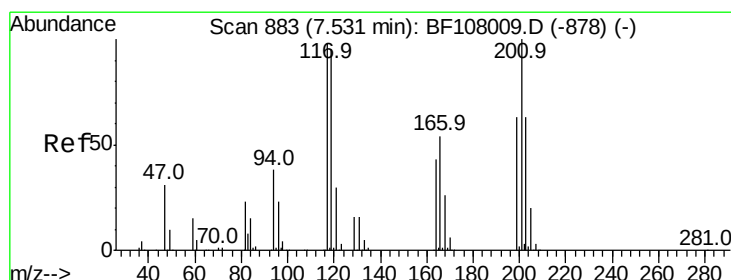
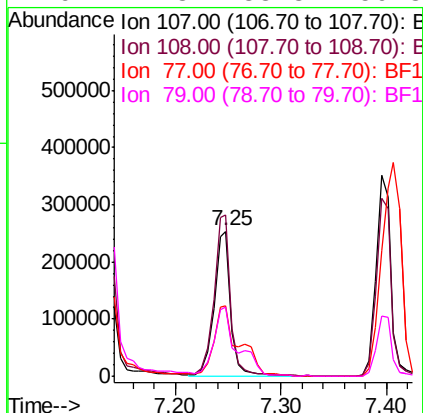
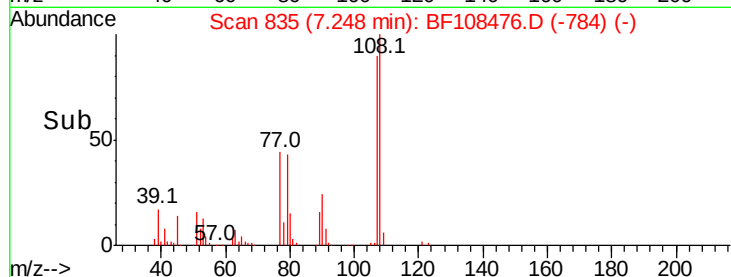
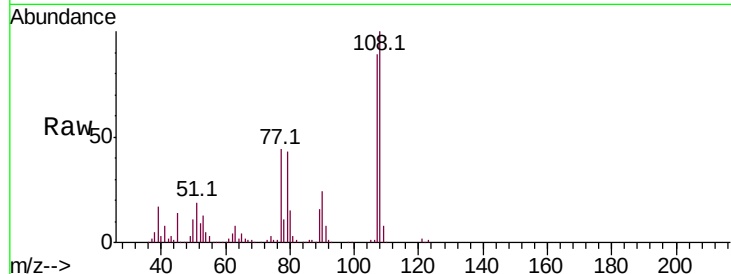
#17
2-Methylphenol
Concen: 40.294 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	282411		
108	111.8	91.7	137.5	
77	49.0	33.8	50.8	
79	47.8	33.8	50.8	

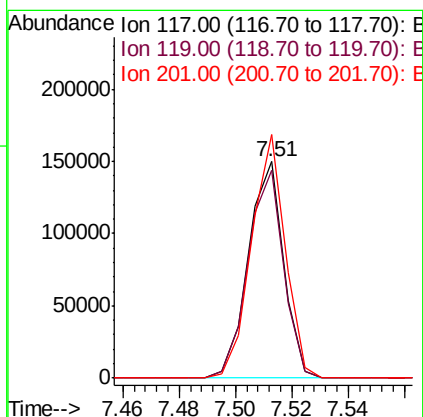
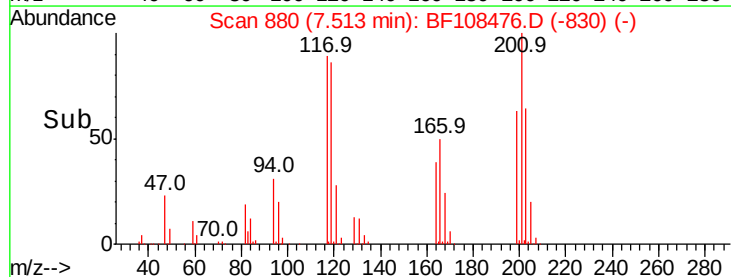
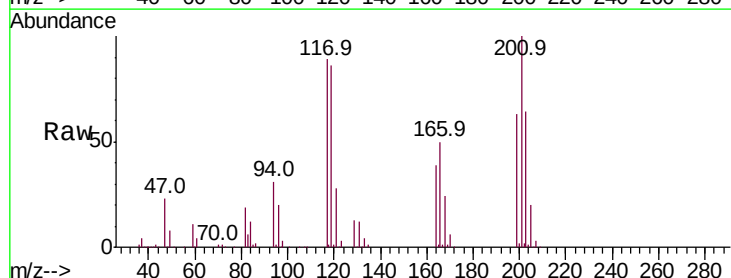
Manual Integrations
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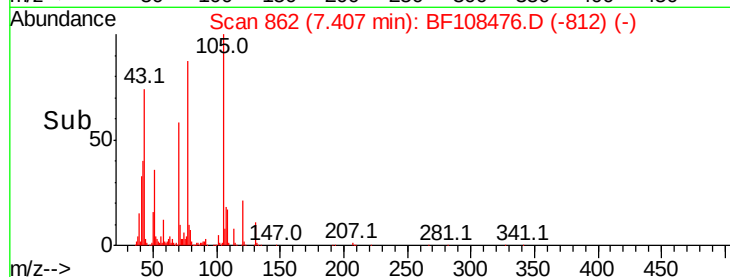
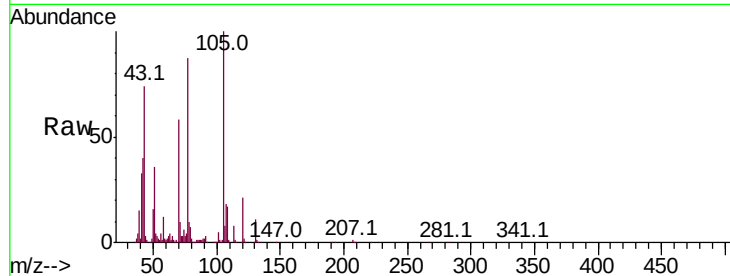
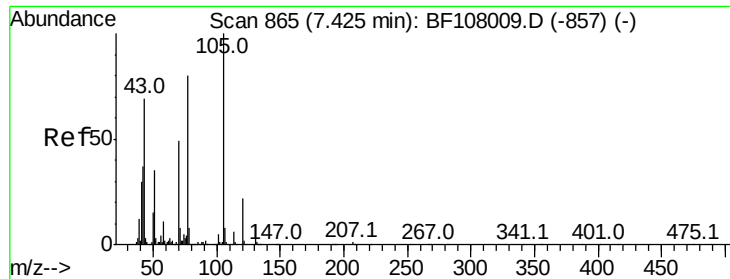
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#18
Hexachloroethane
Concen: 38.385 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129748		
119	96.3	75.8	113.8	
201	112.6	75.7	113.5	





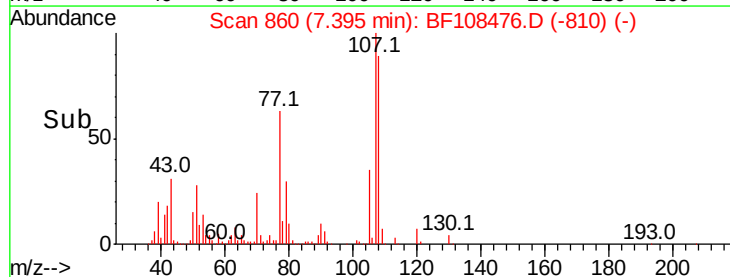
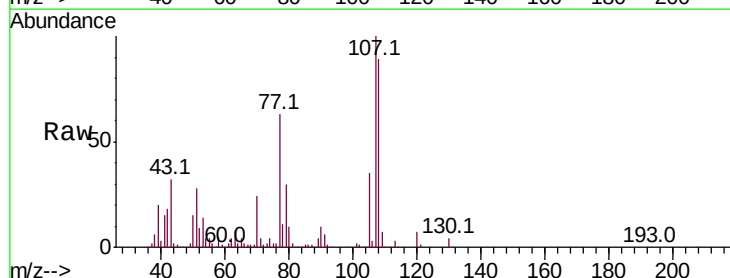
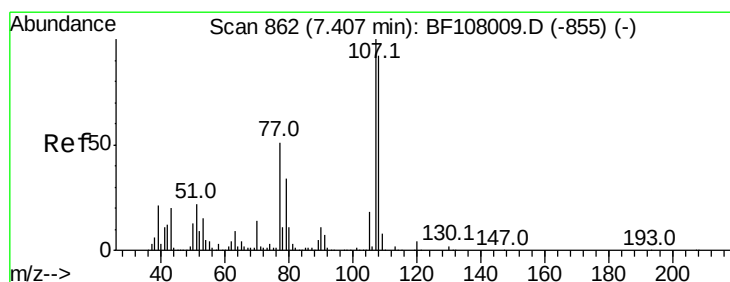
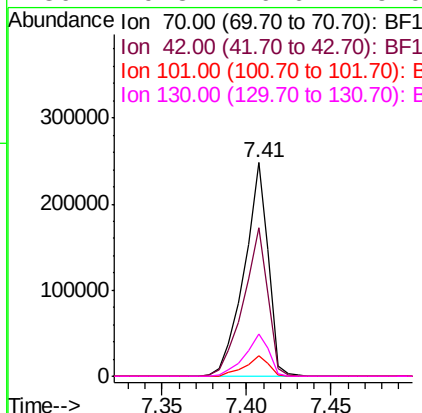
#19
n-Nitroso-di-n-propylamine
Concen: 37.827 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.6	47.5	71.3	
101	9.4	7.4	11.2	
130	19.8	16.6	25.0	

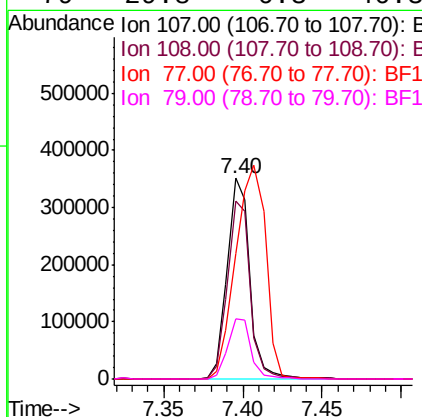
Manual Integrations
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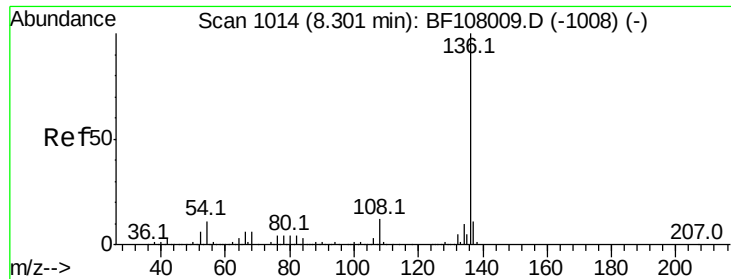
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#20
3+4-Methylphenols
Concen: 38.476 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.2	108.2	
77	62.8	26.7	66.7	
79	29.8	6.3	46.3	





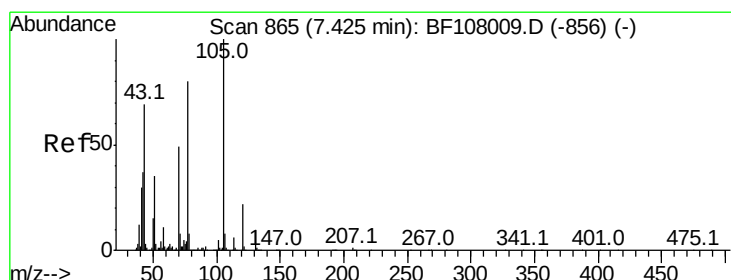
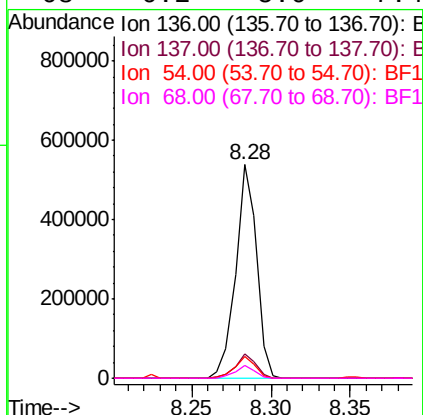
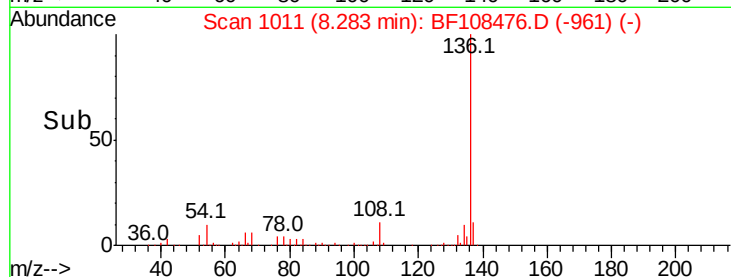
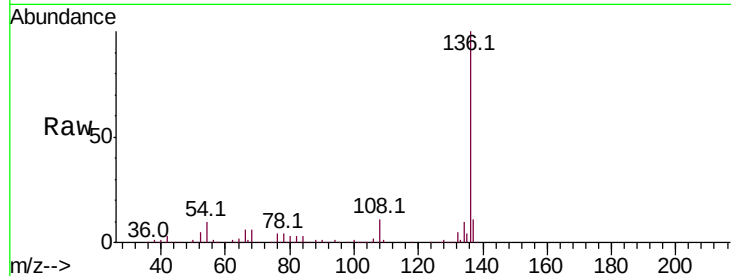
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	10.5	6.6	9.8	
68	6.2	5.0	7.4	

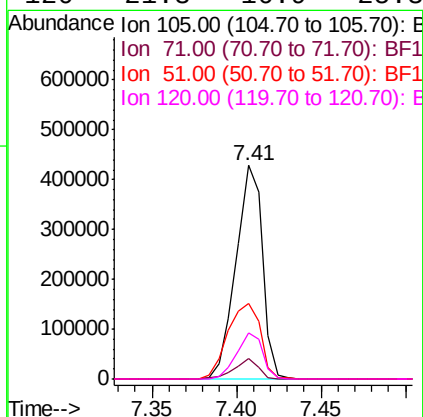
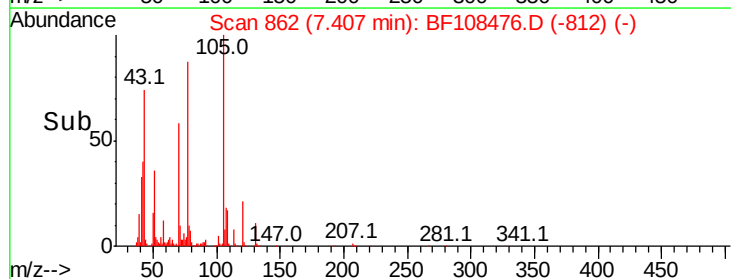
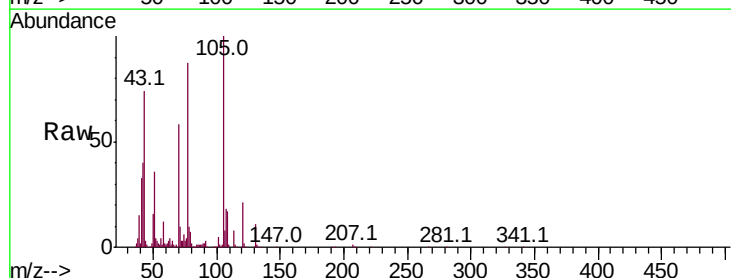
Manual Integrations
APPROVED

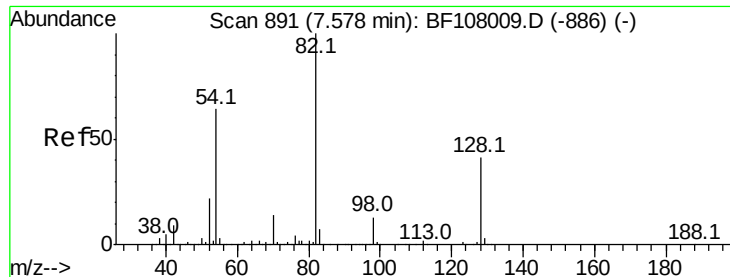
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#22
Acetophenone
Concen: 40.877 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.8	4.4	6.6	
51	35.6	22.3	33.5	
120	21.3	16.9	25.3	





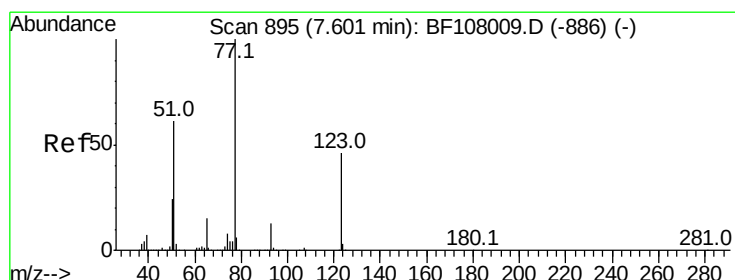
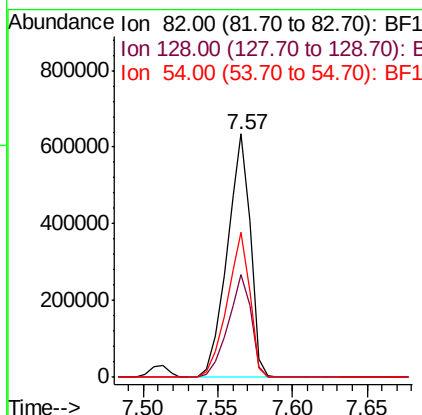
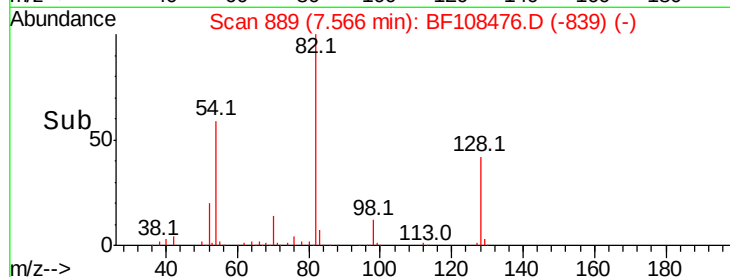
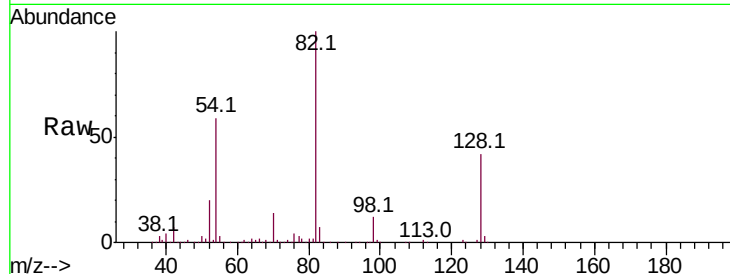
#23
 Nitrobenzene-d5
 Concen: 78.845 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	694795		
128	42.1	36.1	54.1	
54	59.5	41.4	62.2	

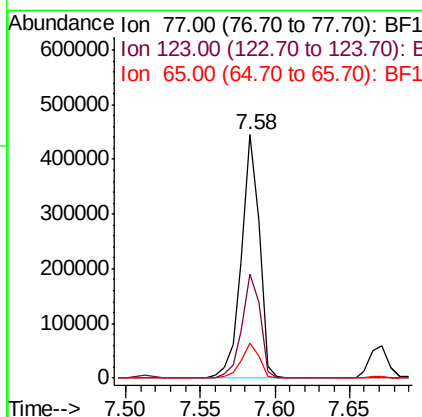
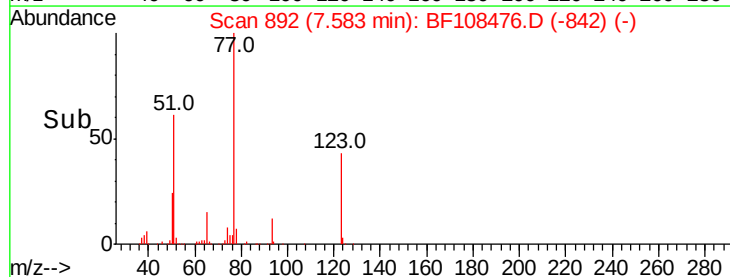
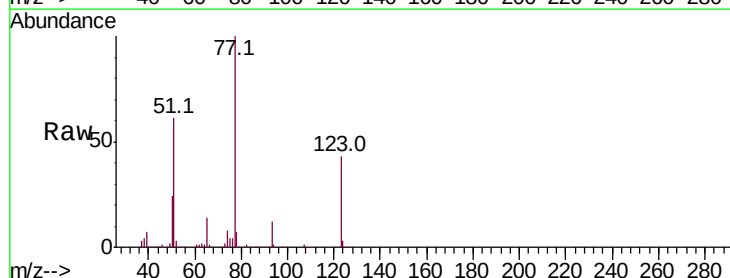
Manual Integrations
 APPROVED

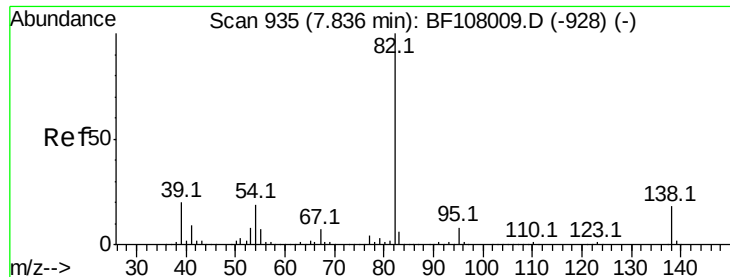
Sohil
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#24
 Nitrobenzene
 Concen: 41.890 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	373280		
123	43.0	37.9	56.9	
65	14.5	11.0	16.4	





#25

Isophorone

Concen: 39.819 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

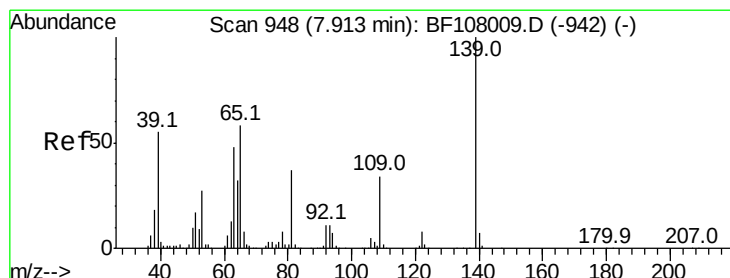
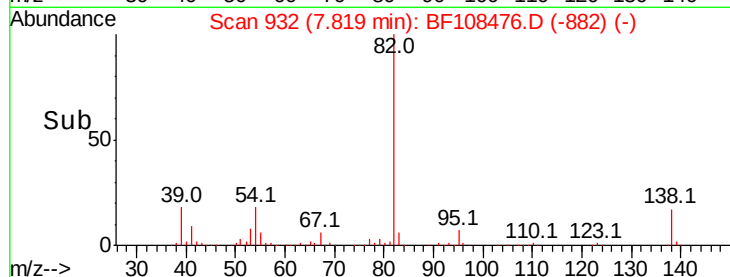
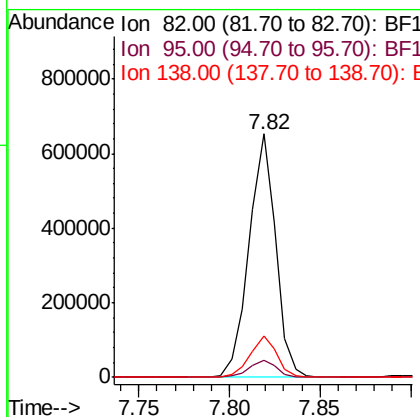
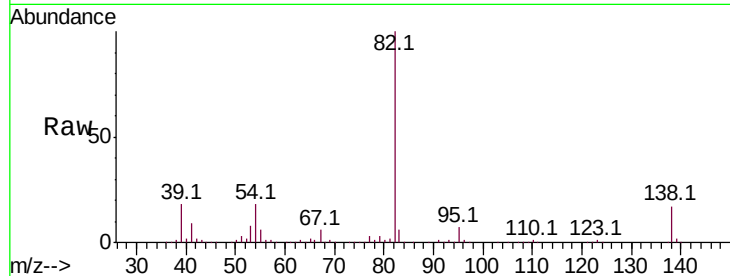
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	82	Resp:	668807
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.736 ng

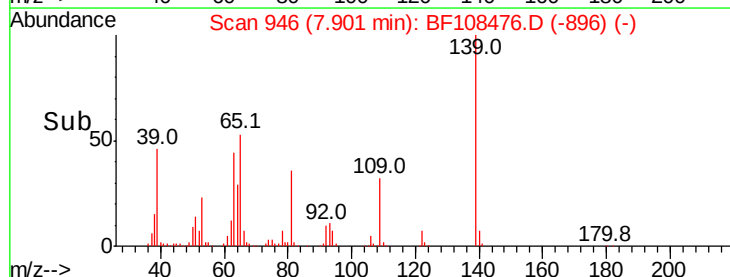
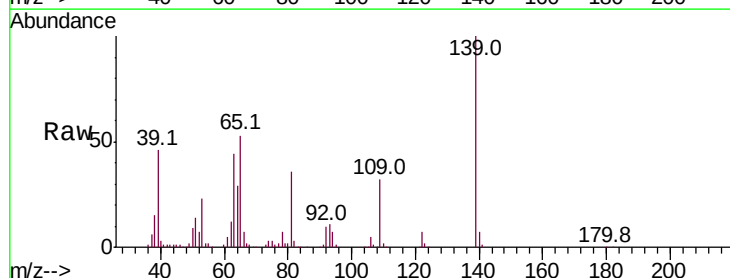
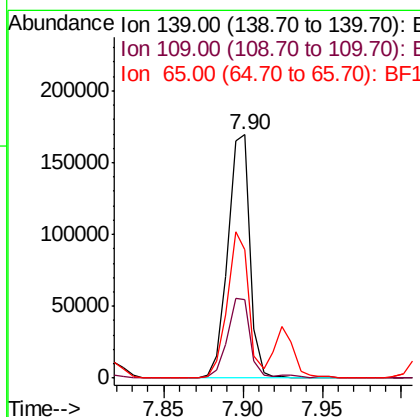
RT: 7.90 min Scan# 946

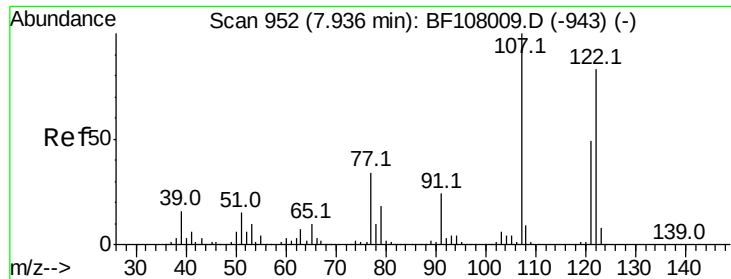
Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	139	Resp:	164007
Ion Ratio	Lower	Upper	
139	100		
109	32.4	22.7	34.1
65	52.8	40.5	60.7





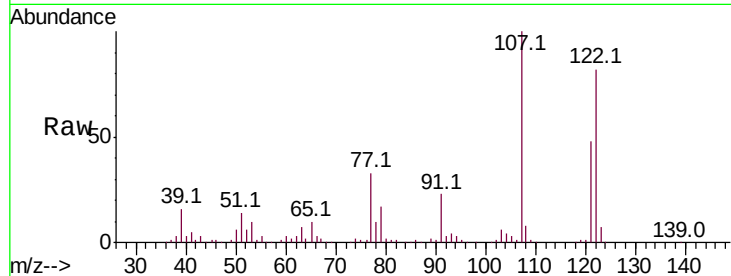
#27
2,4-Dimethylphenol
Concen: 39.972 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	91.2	136.8
121	58.8	47.2	70.8

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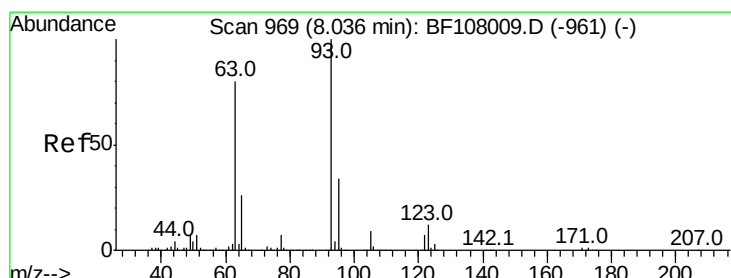
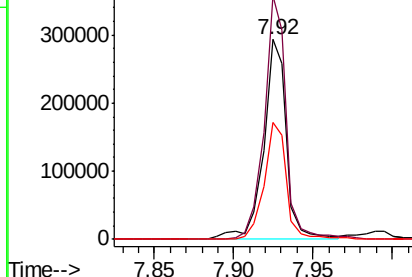
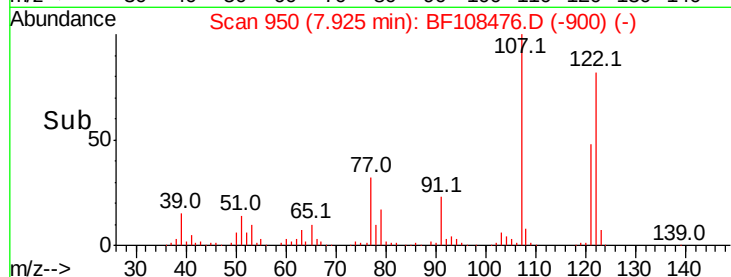


Abundance

Ion 122.00 (121.70 to 122.70): E

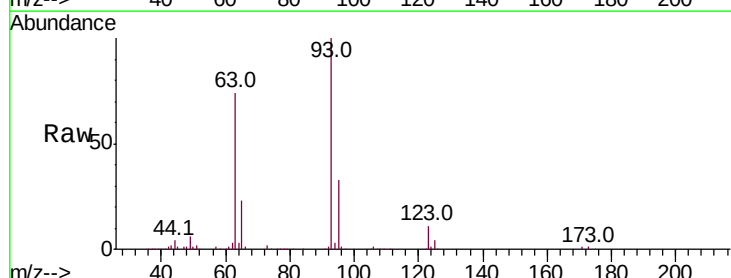
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.374 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.2	9.8	14.6

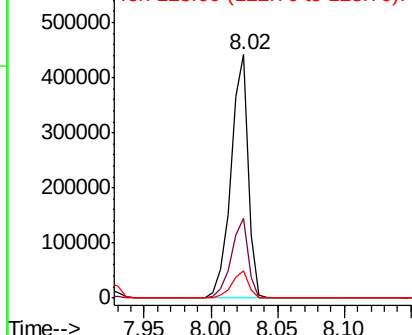
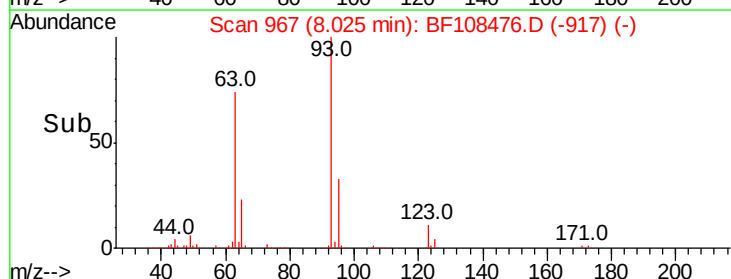


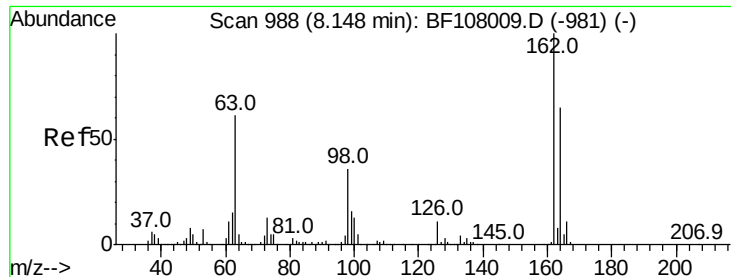
Abundance

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: 42.656 ng

RT: 8.14 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

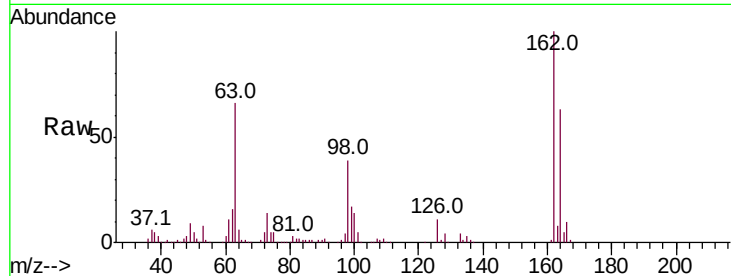
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	292635		
164	62.8	42.7	82.7	
98	39.0	18.1	58.1	

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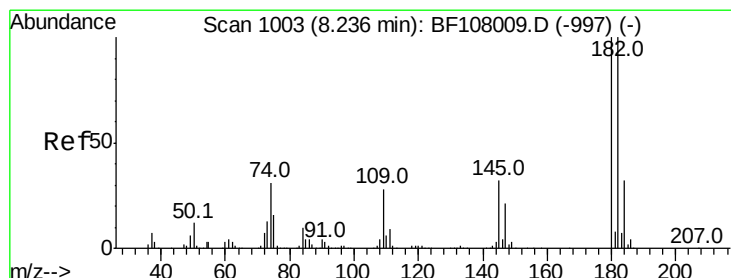
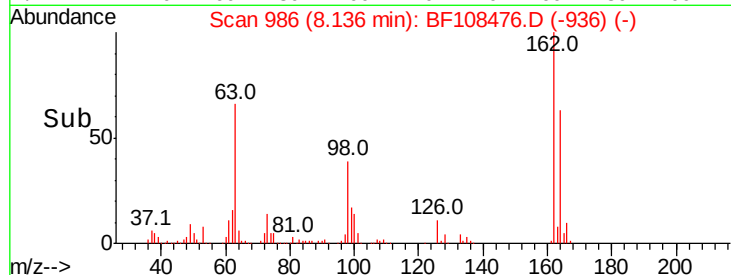
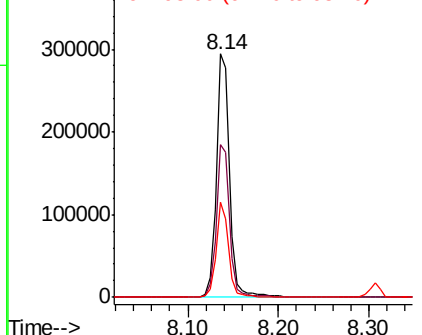
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.510 ng

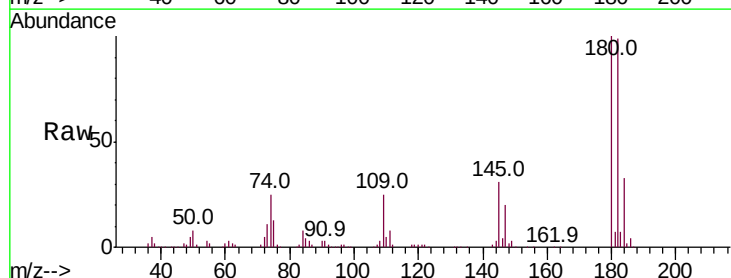
RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

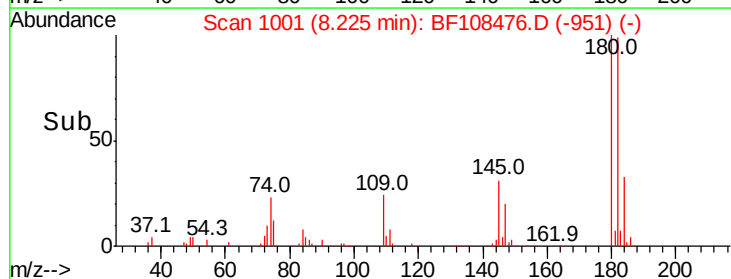
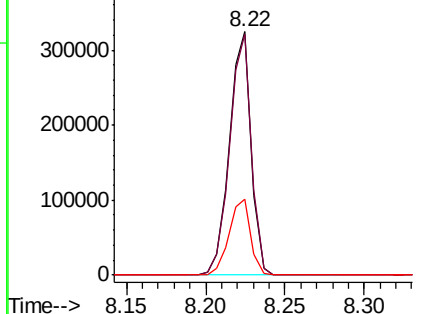
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306409		
182	99.2	76.8	115.2	
145	31.0	26.5	39.7	

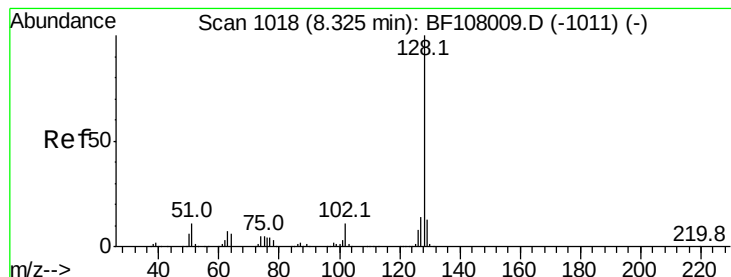


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.183 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

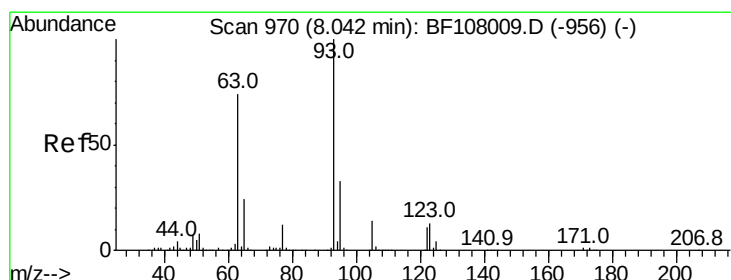
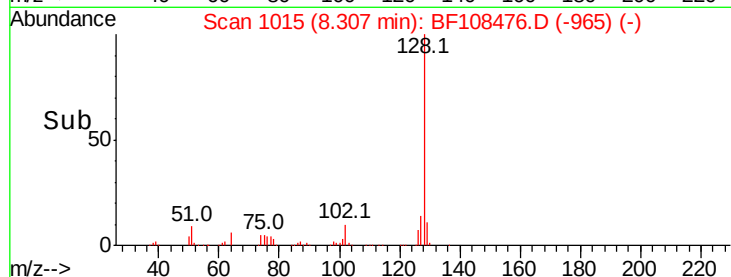
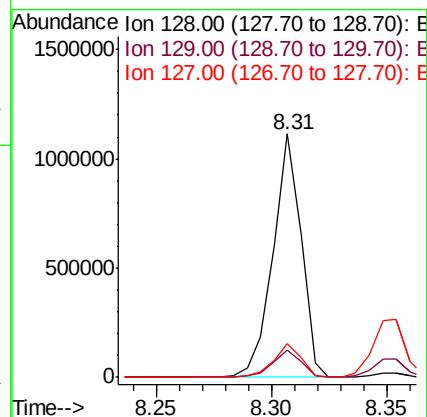
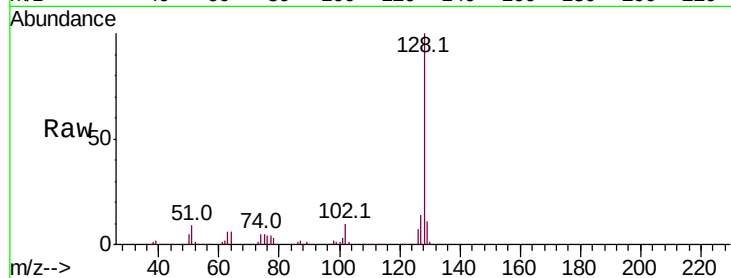
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	128	Resp:	943324
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.7	10.9	16.3

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#32

Benzoic acid

Concen: 9.538 ng

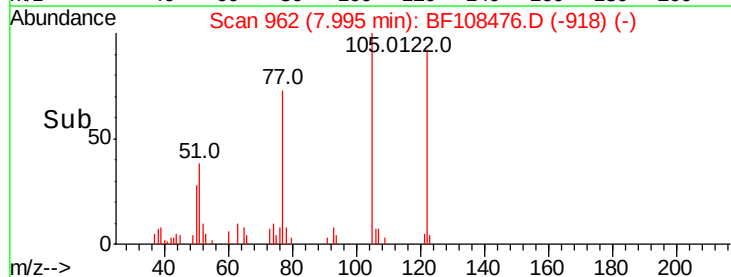
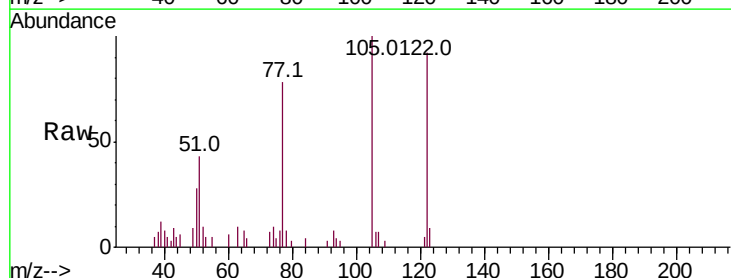
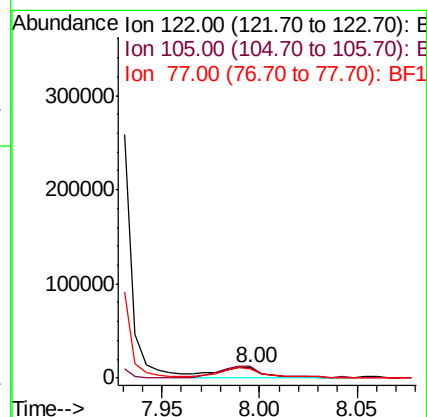
RT: 8.00 min Scan# 962

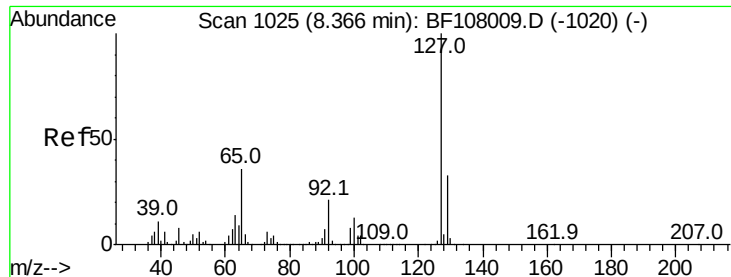
Delta R.T. -0.04 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	122	Resp:	17607
Ion Ratio	Lower	Upper	
122	100		
105	109.3	101.1	141.1
77	85.8	70.7	110.7





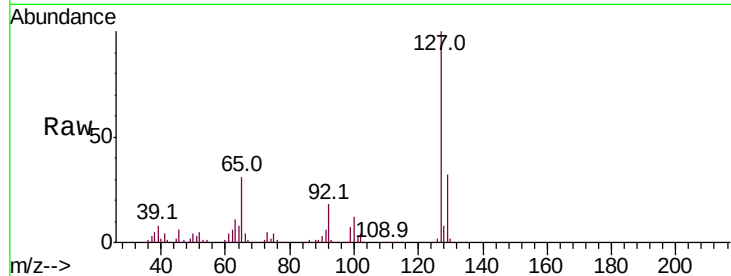
#33
4-Chloroaniline
Concen: 28.244 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	275260		
129	32.0		25.9	38.9
65	31.0		25.0	37.4
92	18.4		15.2	22.8

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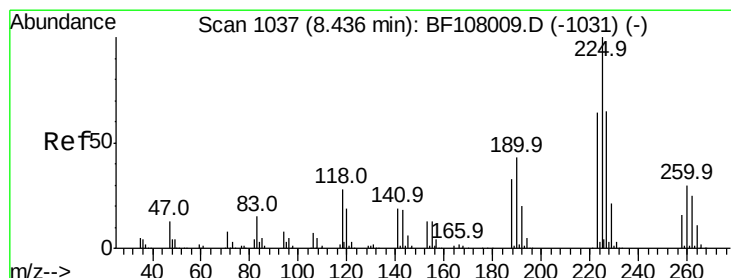
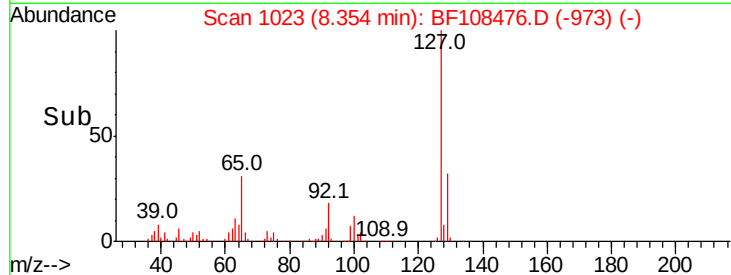
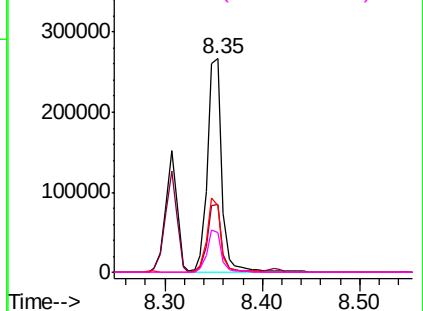
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

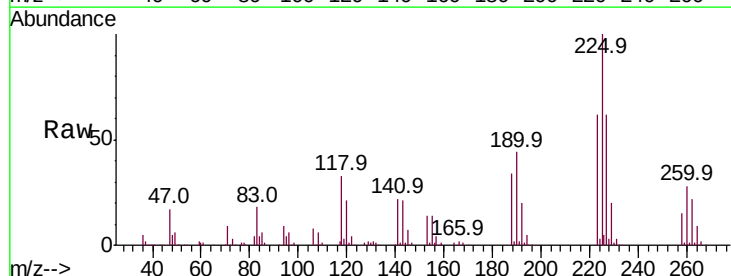
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.080 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	196702		
223	62.3		50.6	76.0
227	62.1		51.9	77.9

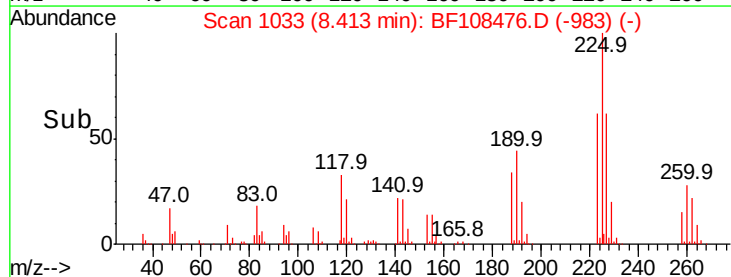
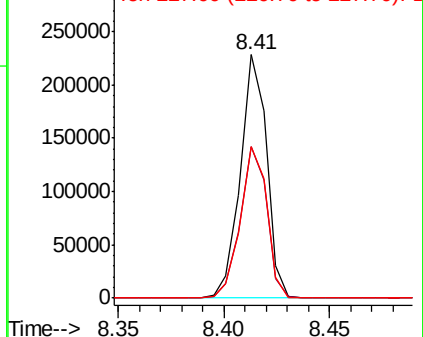


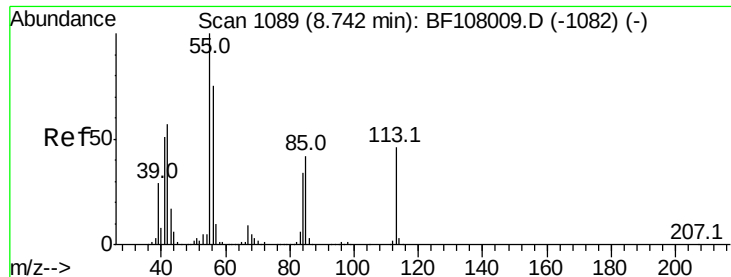
Abundance

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: 39.006 ng/ml

RT: 8.72 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:113 Resp: 83858

Ion Ratio Lower Upper

113 100

55 213.6 163.3 203.3#

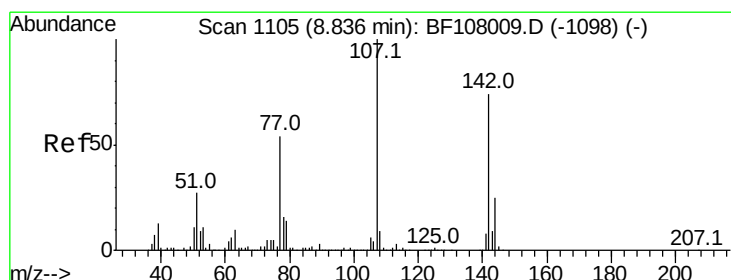
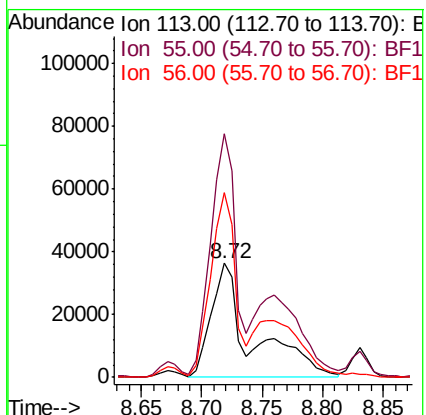
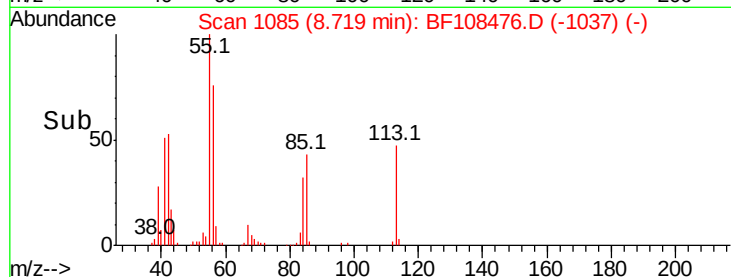
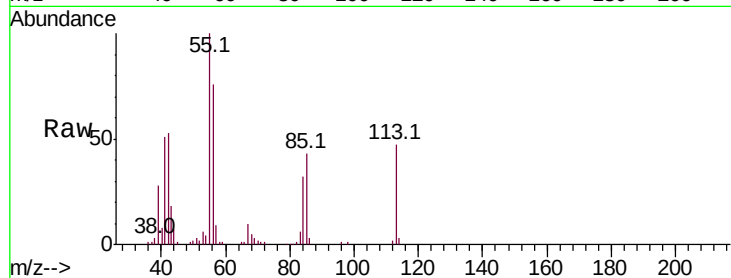
56 161.8 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 41.178 ng/ml

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

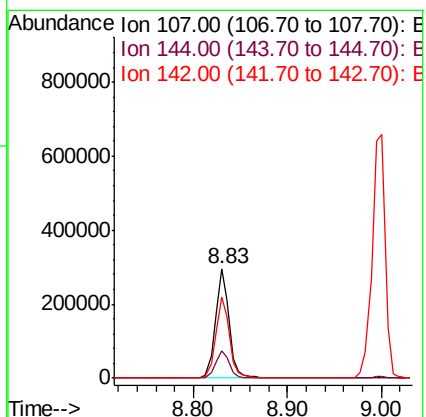
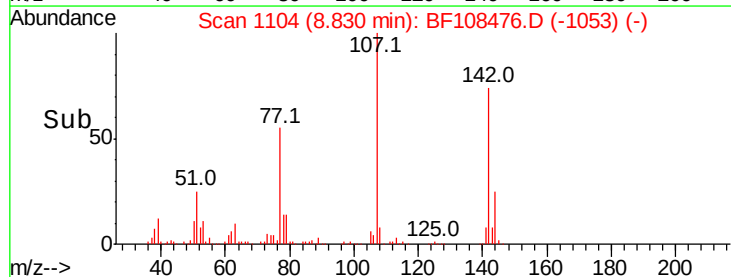
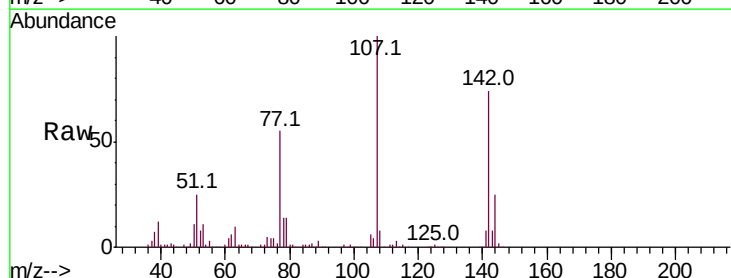
Tgt Ion:107 Resp: 304751

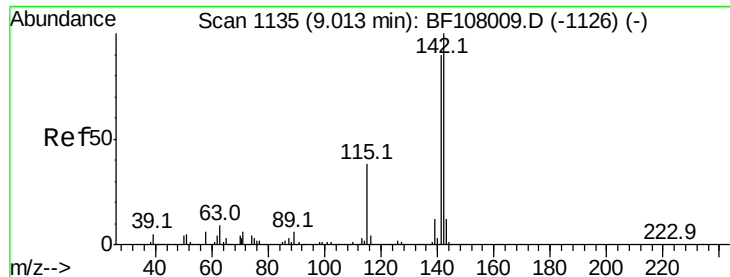
Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

142 74.4 62.0 93.0





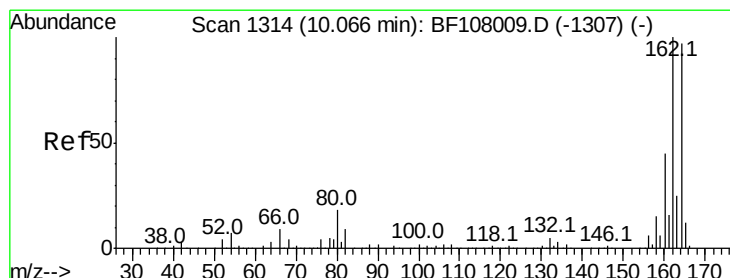
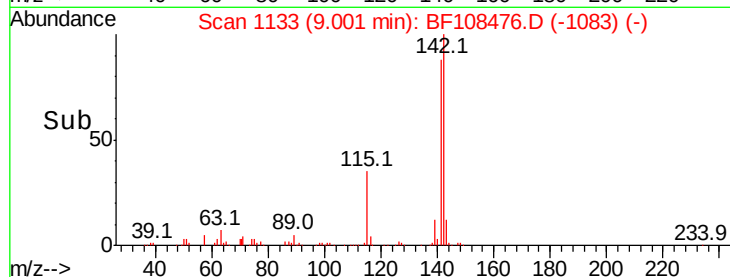
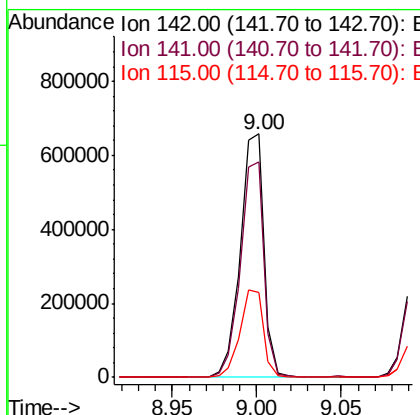
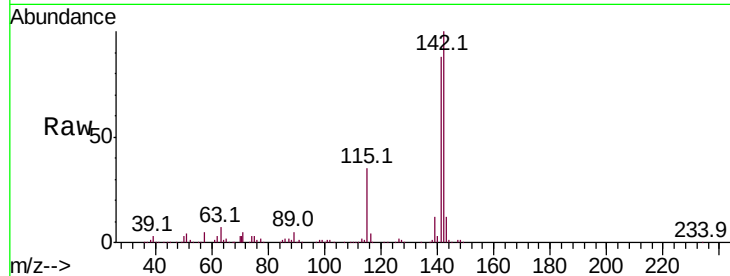
#37
2-Methylnaphthalene
Concen: 40.351 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	34.8	26.1	39.1

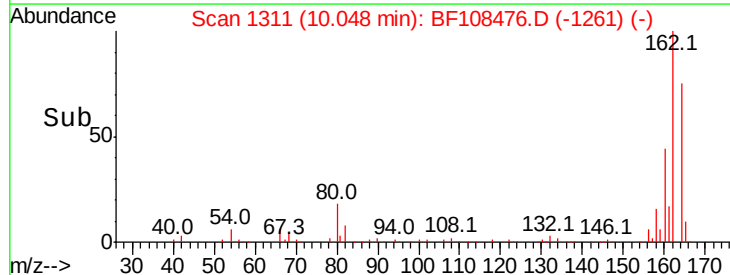
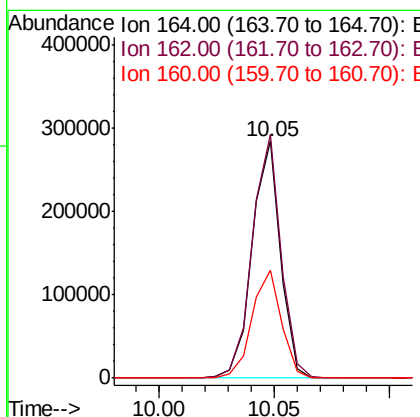
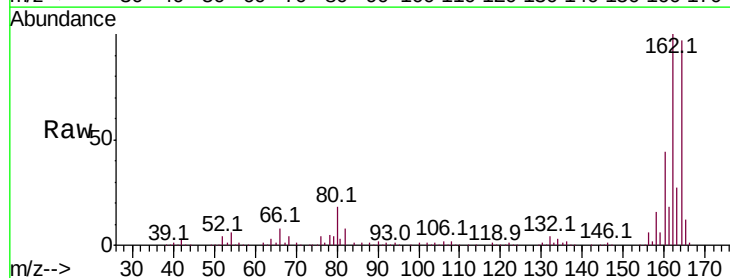
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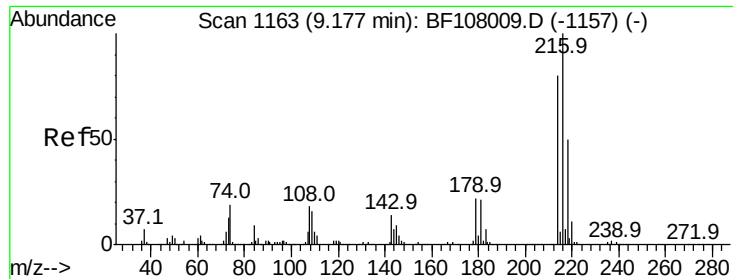
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.5	38.3	57.5





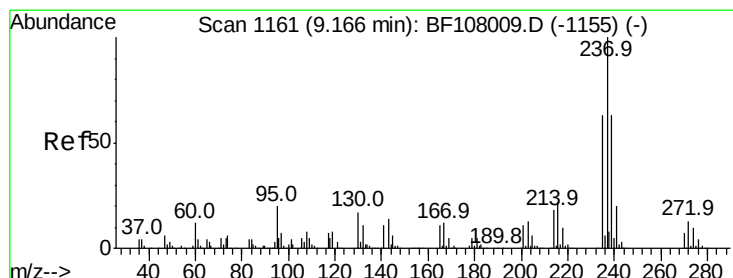
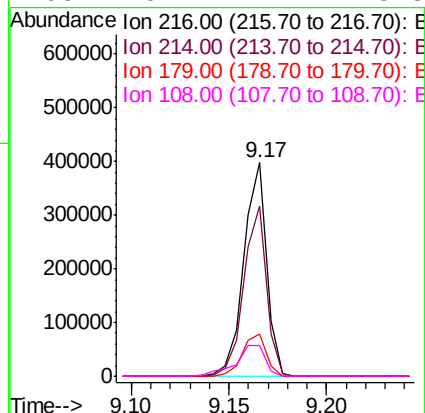
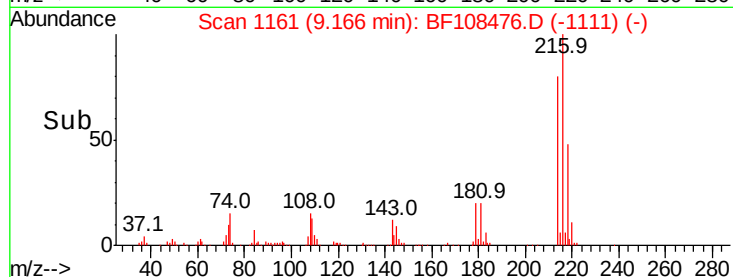
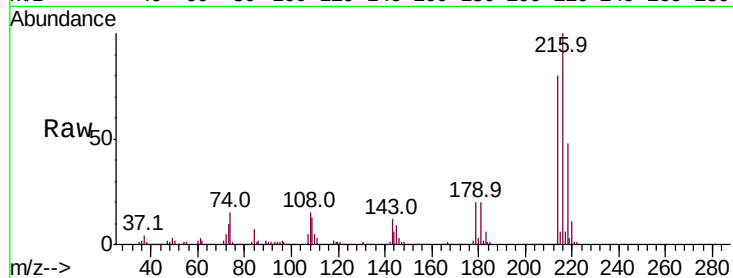
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.196 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	20.6	18.1	27.1	
108	19.1	17.2	25.8	

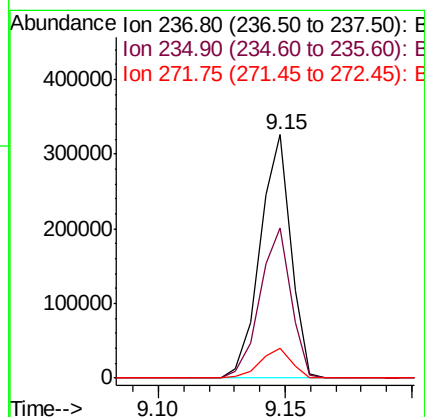
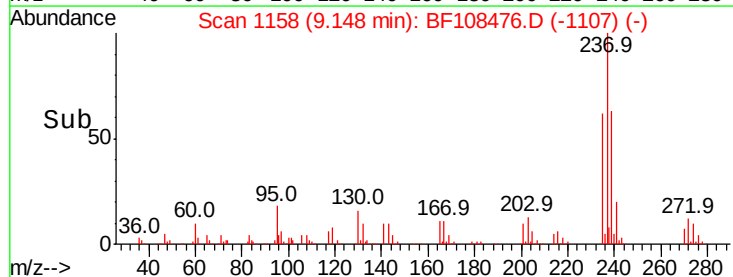
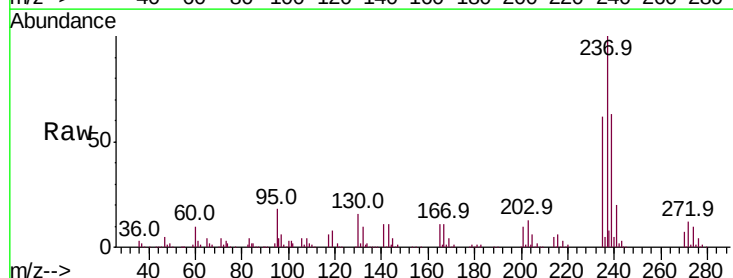
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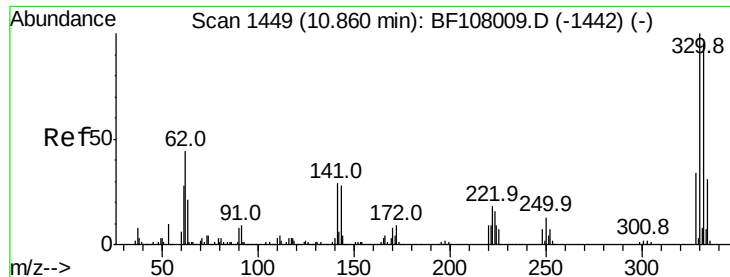
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#40
 Hexachlorocyclopentadiene
 Concen: 57.110 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.9	44.8	84.8	
272	12.5	0.0	33.3	





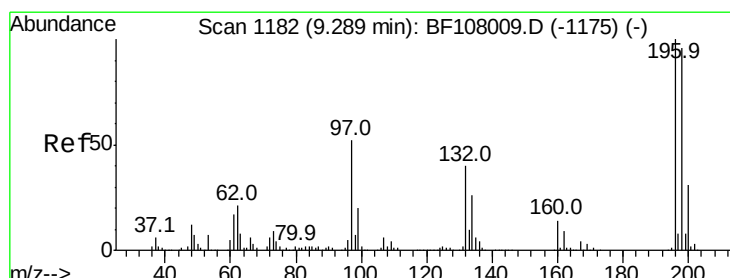
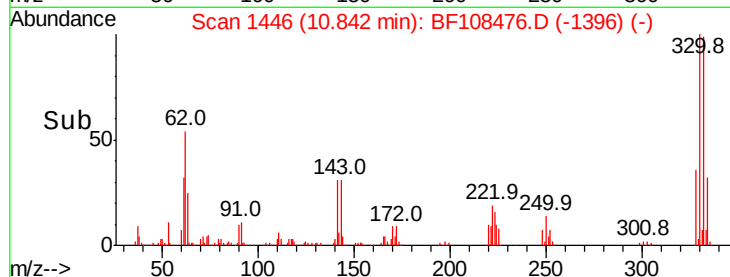
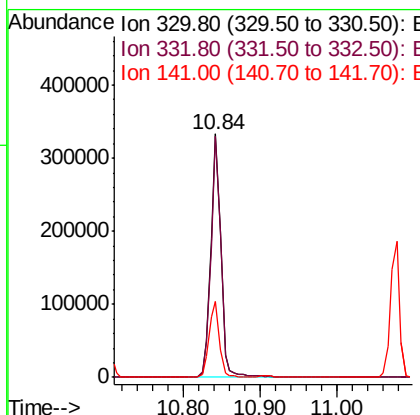
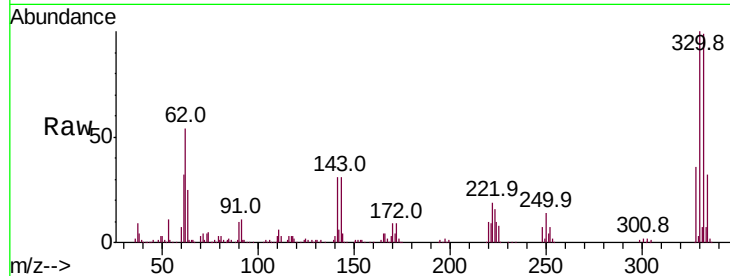
#41
 2,4,6-Tribromophenol
 Concen: 123.933 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.0	115.6	
141	32.1	29.9	44.9	

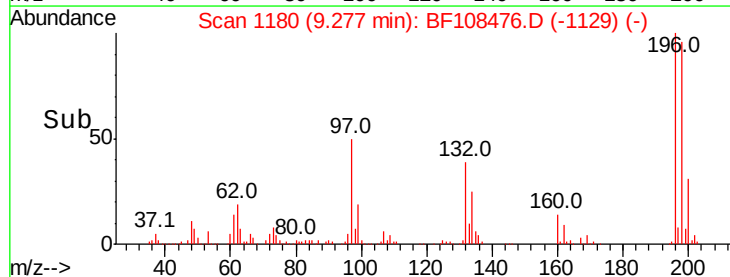
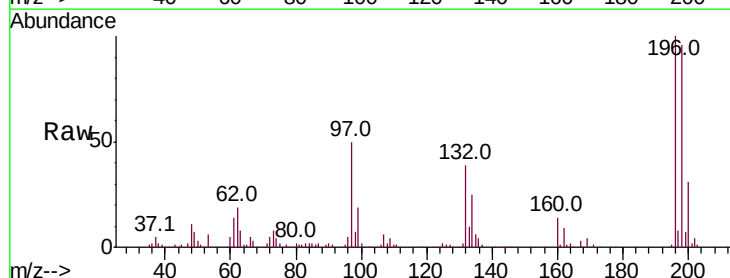
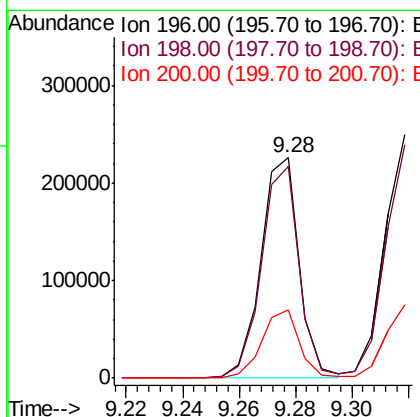
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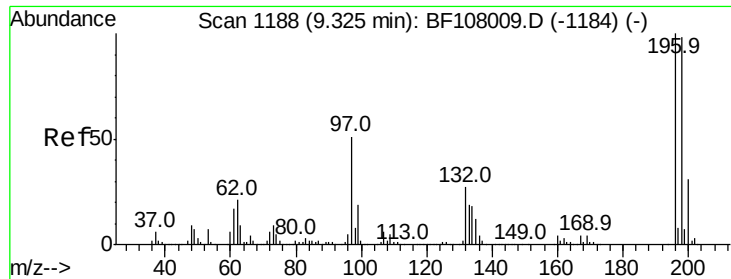
Sohil
 8/27/2018 12:56:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.512 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.1	75.7	113.5	
200	30.9	24.5	36.7	





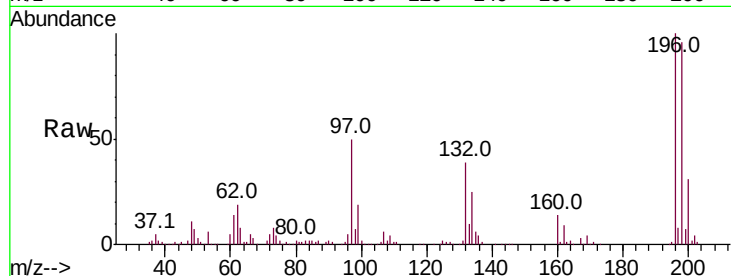
#43
 2,4,5-Trichlorophenol
 Concen: 41.344 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211780		
198	96.1	74.6	112.0	
97	50.3	42.9	64.3	
132	39.4	26.3	39.5	

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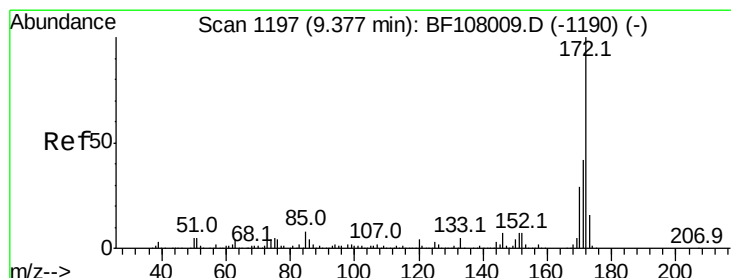
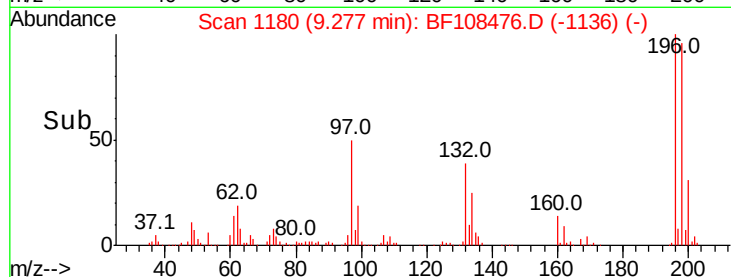
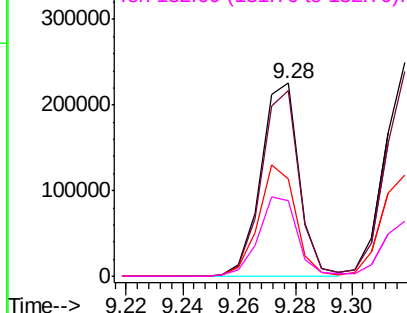
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.884 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

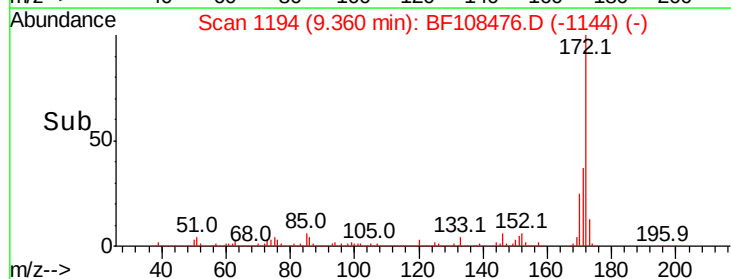
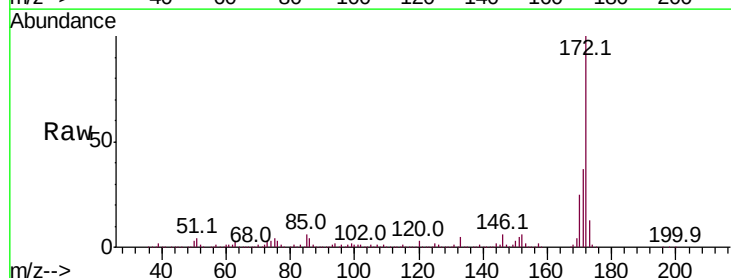
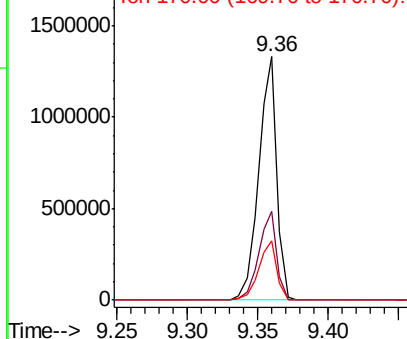
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1199778		
171	36.5	29.7	44.5	
170	24.6	19.6	29.4	

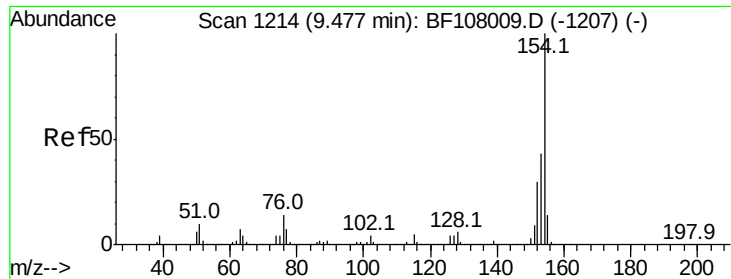
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





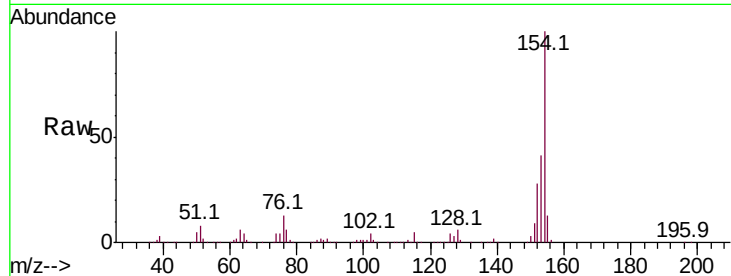
#45
 1,1'-Biphenyl
 Concen: 42.956 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	773354		
153	41.0	21.3	61.3	
76	13.3	0.0	34.0	

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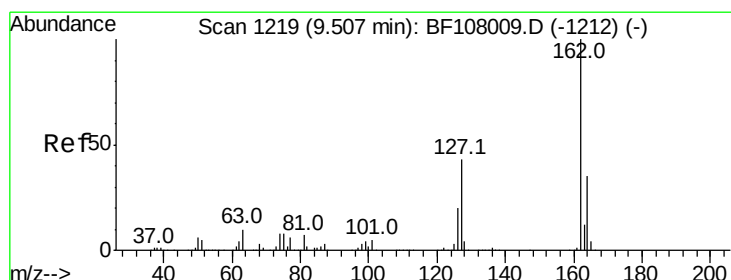
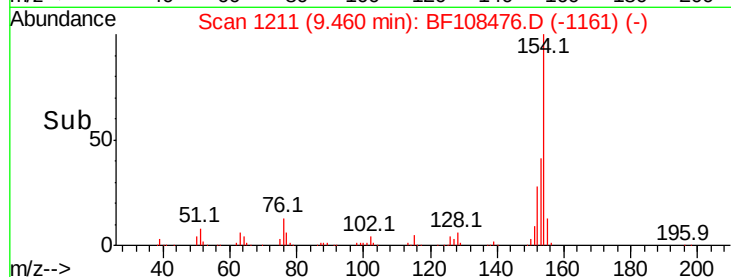
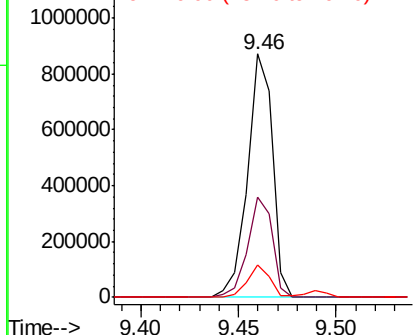


Abundance

Ion 154.00 (153.70 to 154.70): E

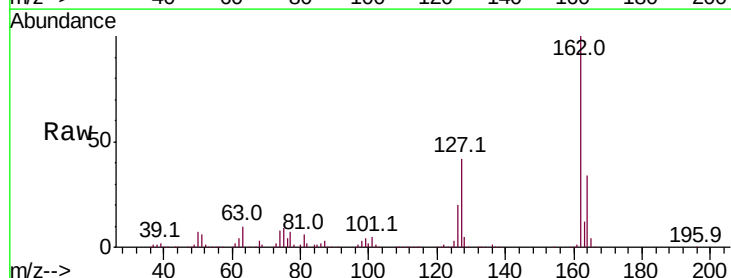
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 41.918 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	596463		
127	42.0	33.9	50.9	
164	33.9	26.5	39.7	

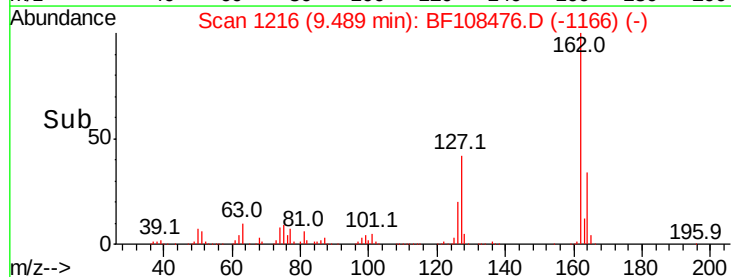
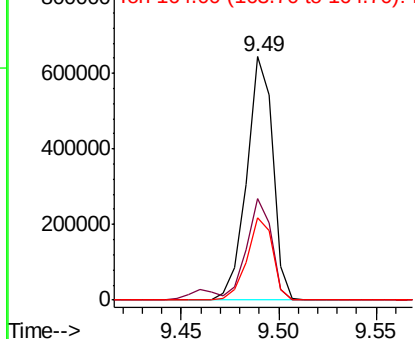


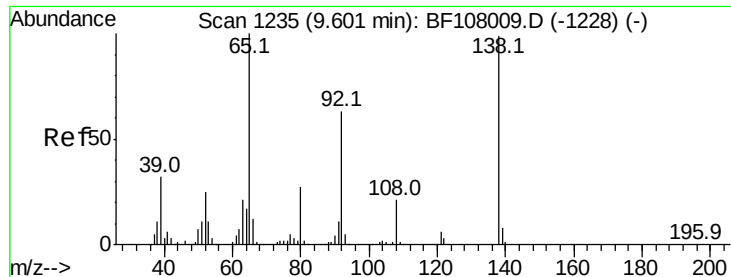
Abundance

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: 44.794 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

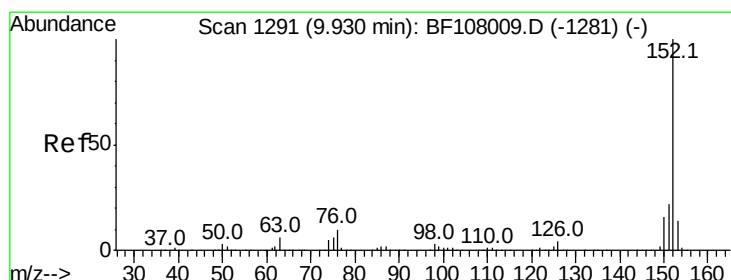
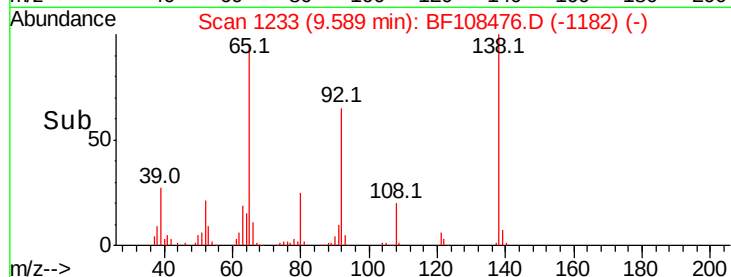
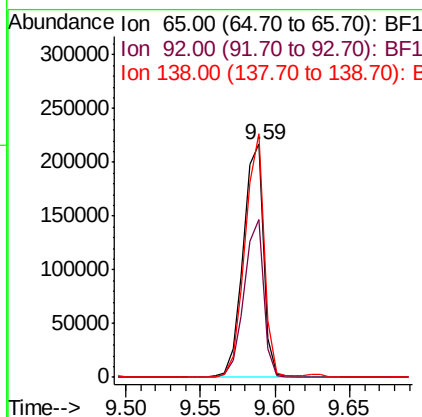
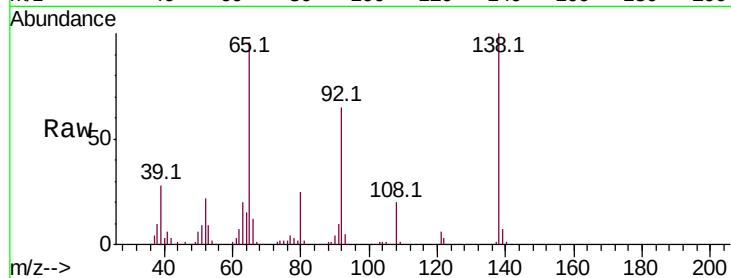
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.8	83.6
138	104.5	91.2	136.8

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#48

Acenaphthylene

Concen: 42.365 ng

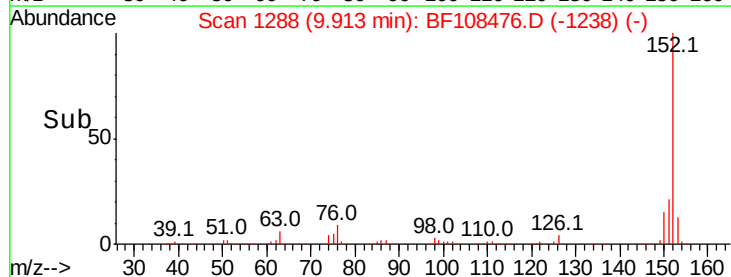
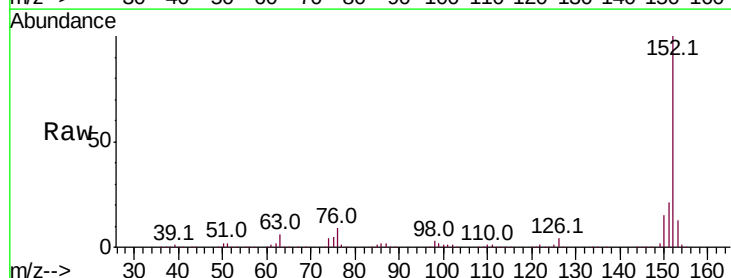
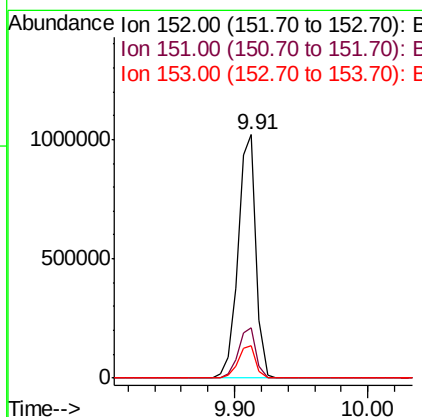
RT: 9.91 min Scan# 1288

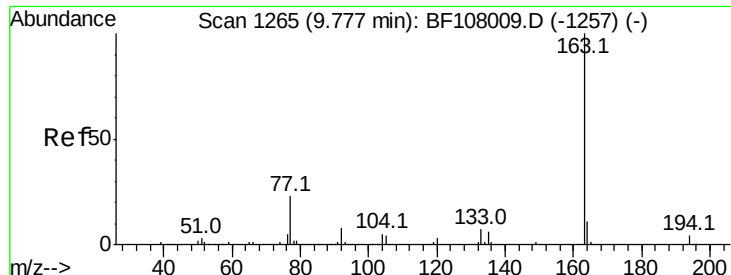
Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.4	10.7	16.1





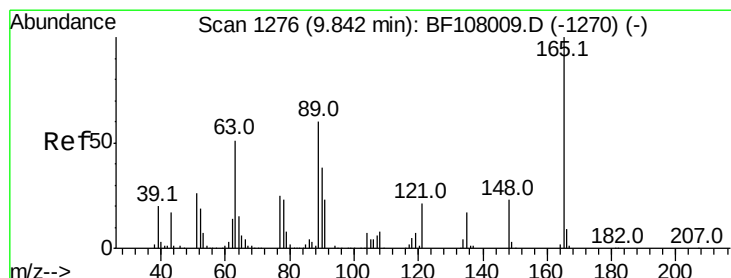
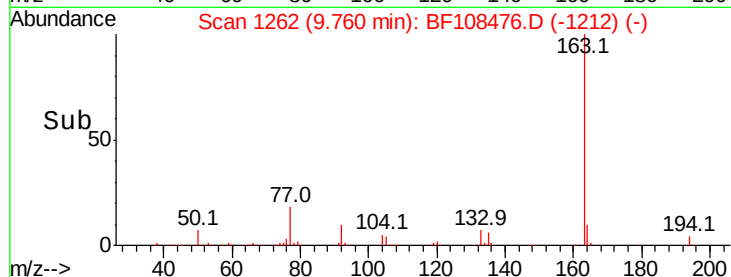
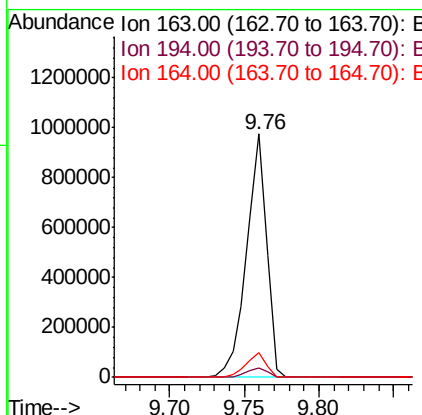
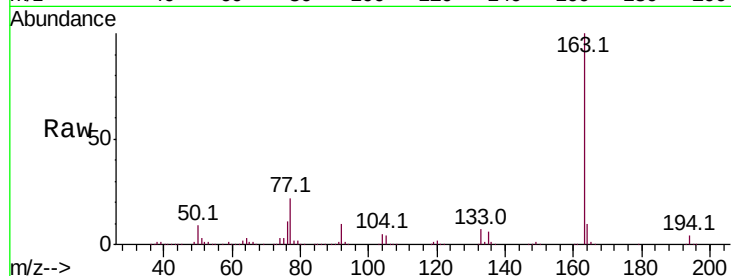
#49
Dimethylphthalate
Concen: 53.590 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

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

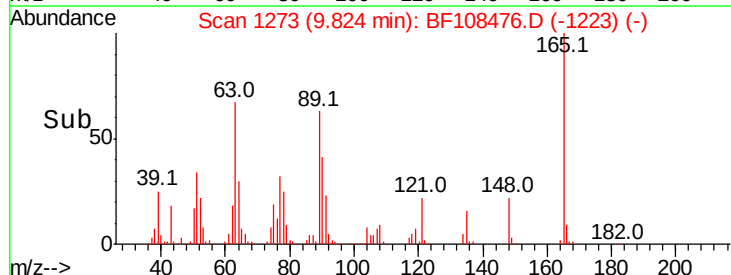
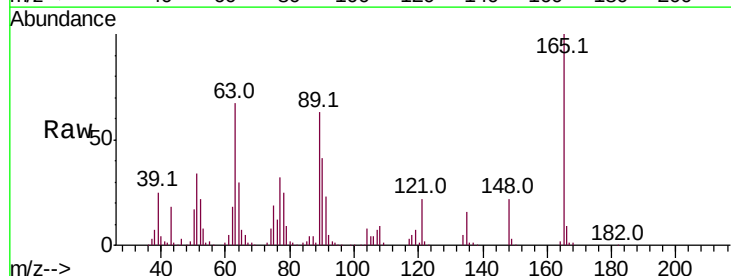
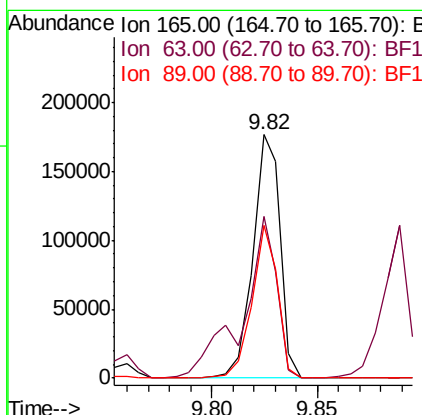
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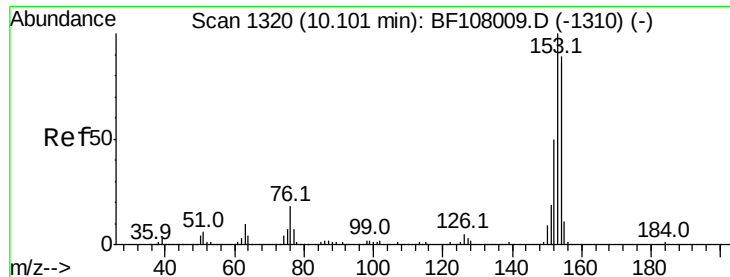
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#50
2,6-Dinitrotoluene
Concen: 44.409 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.6	44.7	67.1	
89	63.0	44.0	66.0	





#51

Acenaphthene

Concen: 40.787 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

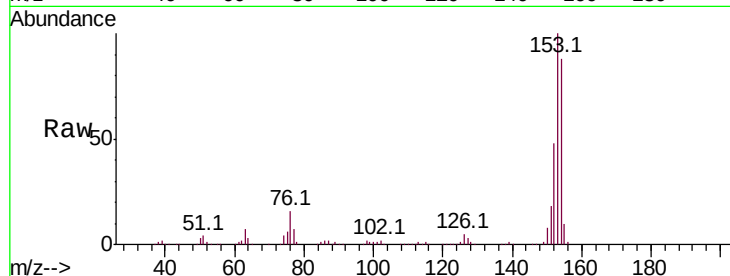
ClientSampleId :

EP1-Q3-C2MSD

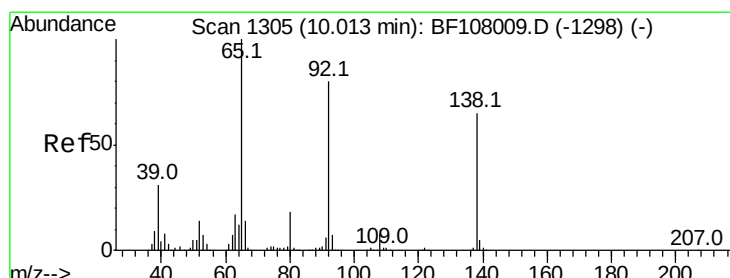
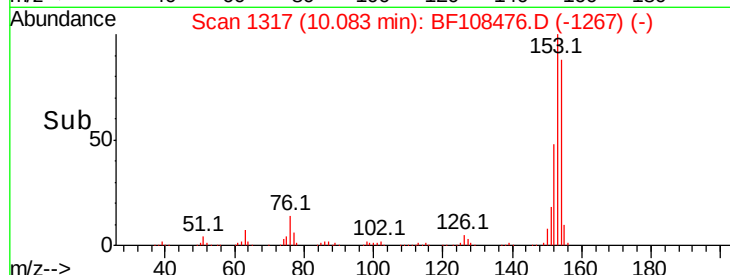
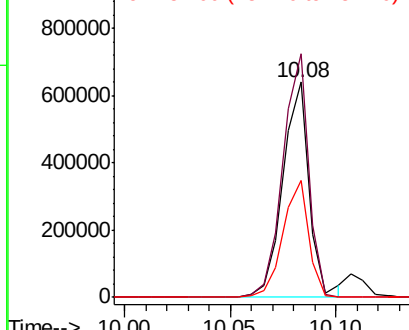
Tot Ion:	154	Resp:	561973
Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.3	43.8	65.8

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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: 35.209 ng

RT: 10.00 min Scan# 1303

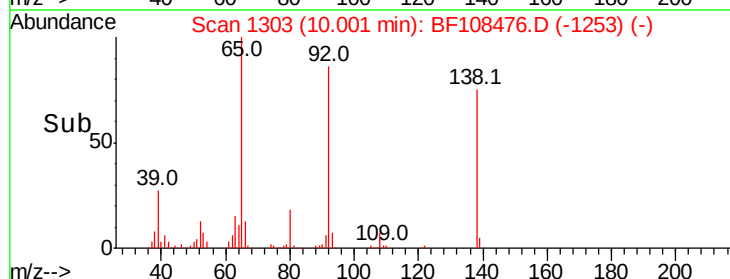
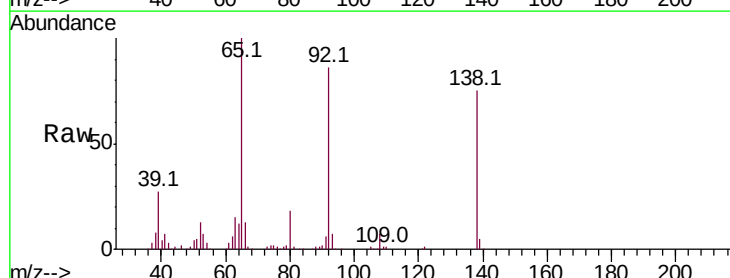
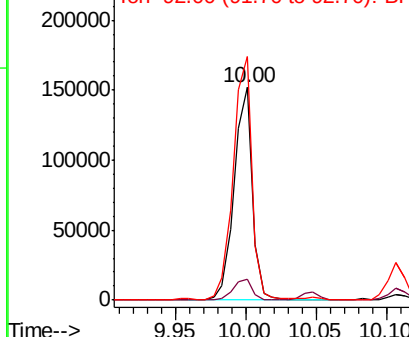
Delta R.T. -0.01 min

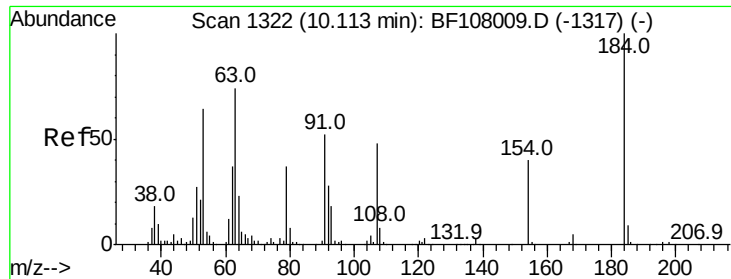
Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	138	Resp:	137091
Ion	Ratio	Lower	Upper
138	100		
108	9.9	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





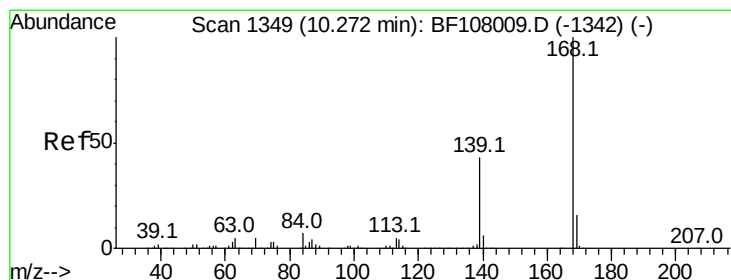
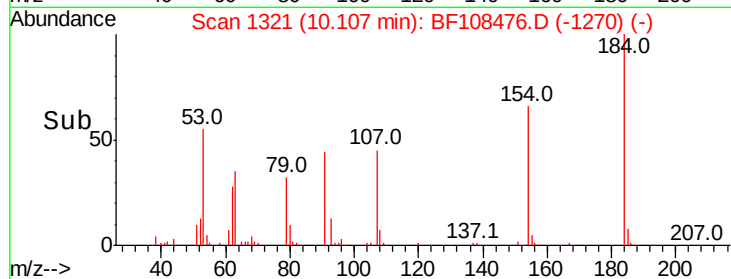
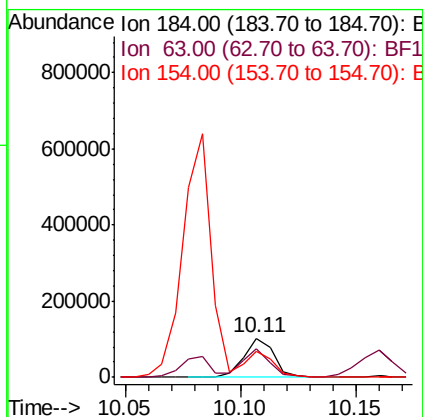
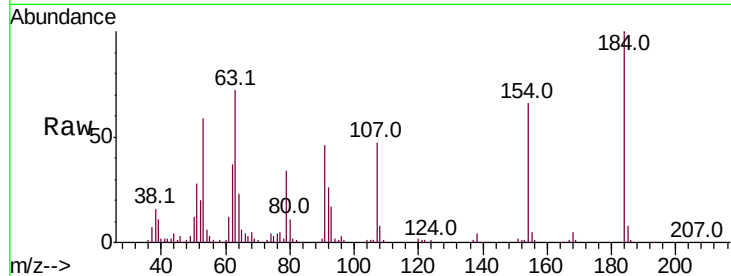
#53
 2,4-Dinitrophenol
 Concen: 72.025 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.4	54.2	81.2
154	66.1	184.0	276.0#

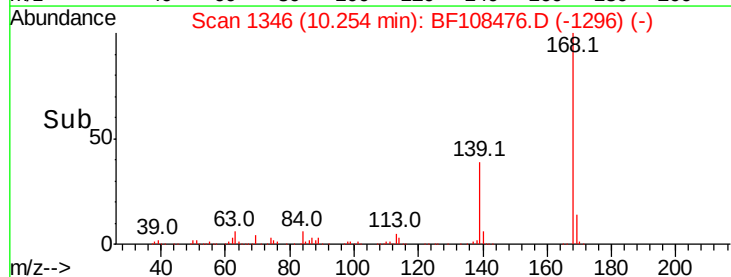
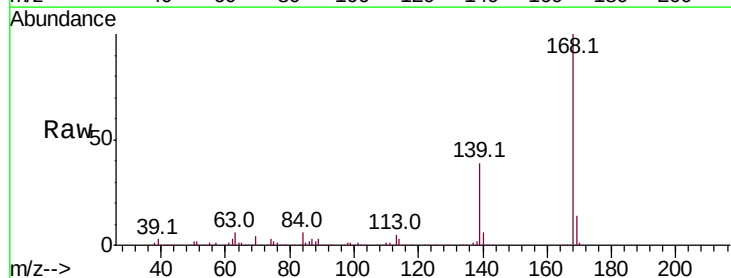
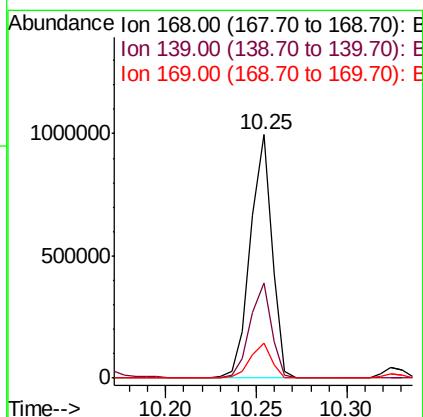
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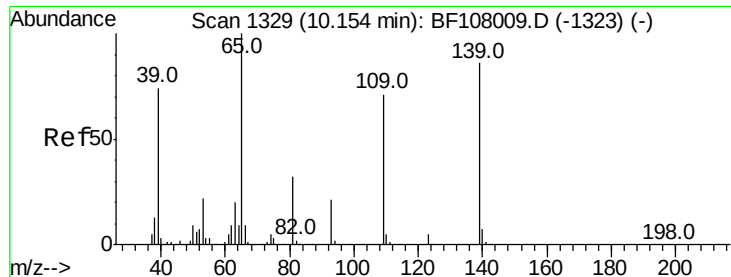
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#54
 Dibenzofuran
 Concen: 41.584 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.5	10.9	16.3





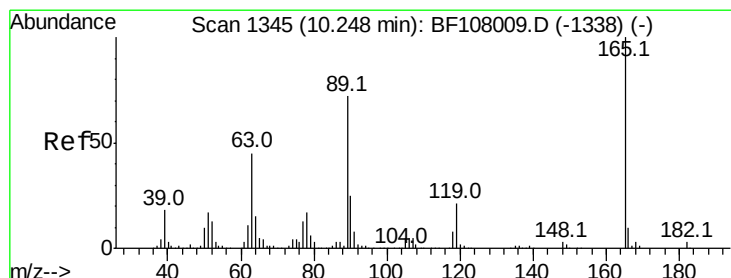
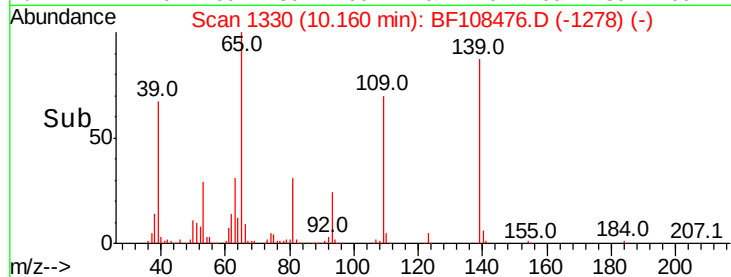
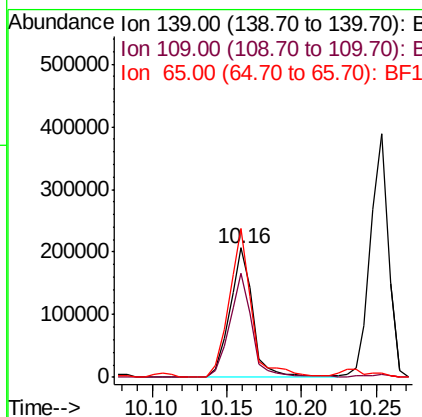
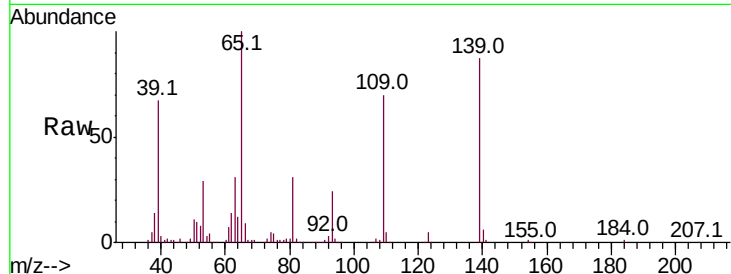
#55
4-Nitrophenol
Concen: 75.926 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampled :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	223864		
109	80.6	48.4	88.4	
65	114.9	72.6	112.6	

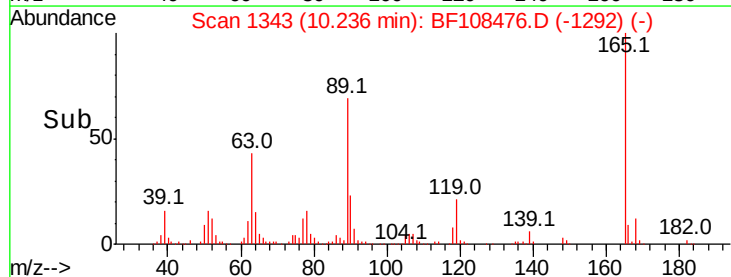
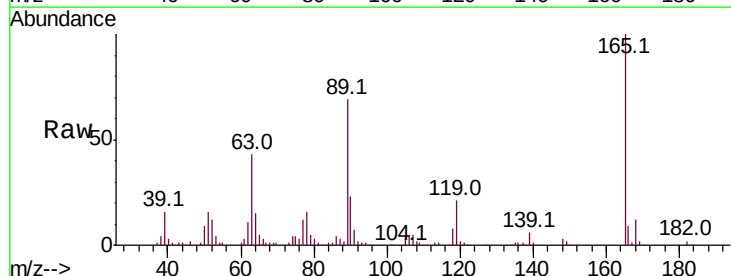
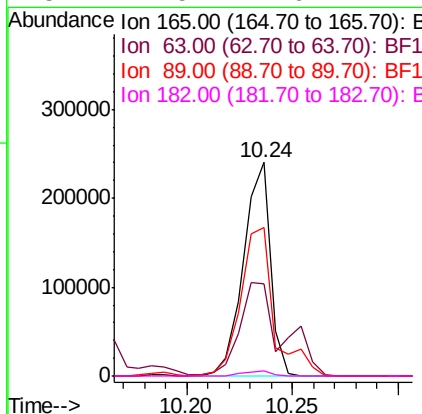
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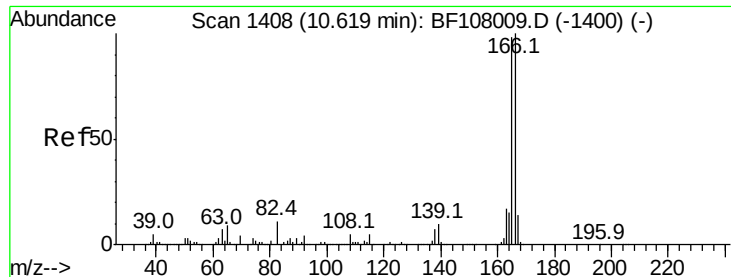
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#56
2,4-Dinitrotoluene
Concen: 46.547 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213217		
63	43.1	36.4	54.6	
89	69.3	57.8	86.6	
182	2.5	1.6	2.4	





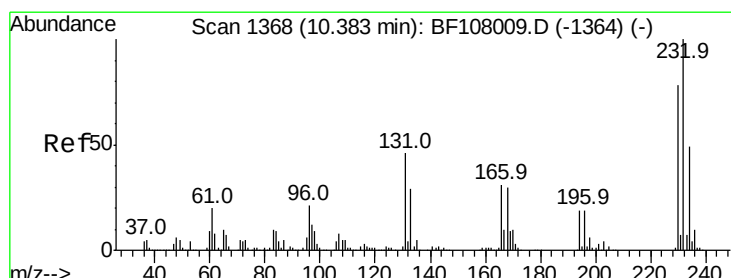
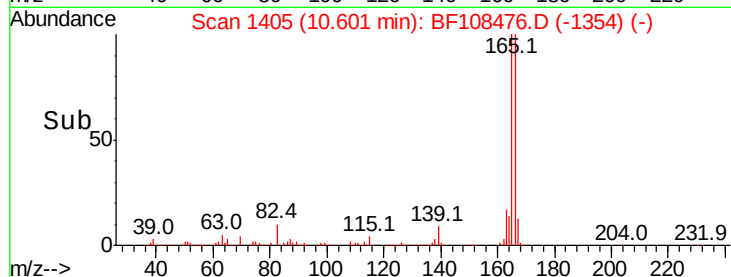
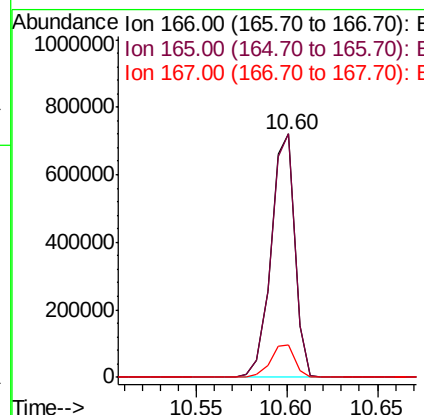
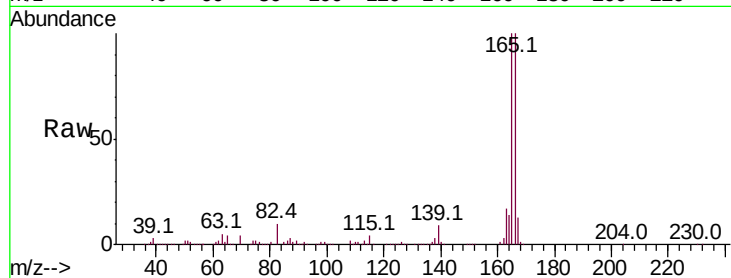
#57
 Fluorene
 Concen: 41.563 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.3	10.6	16.0

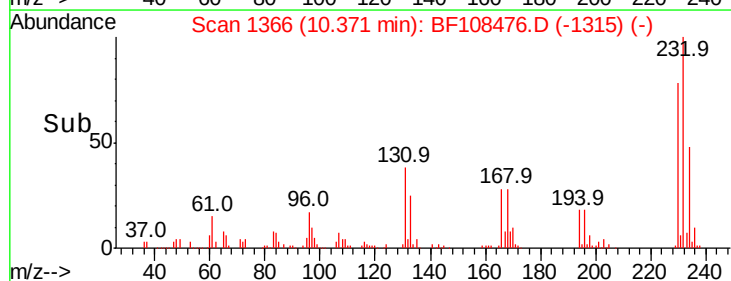
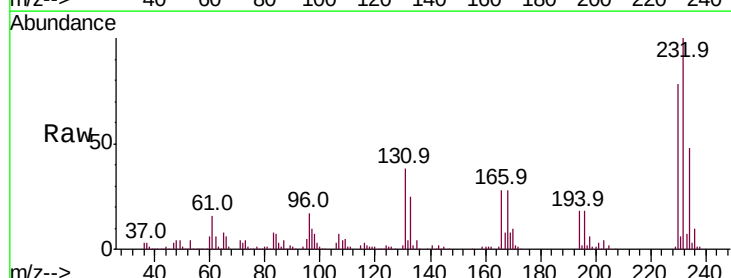
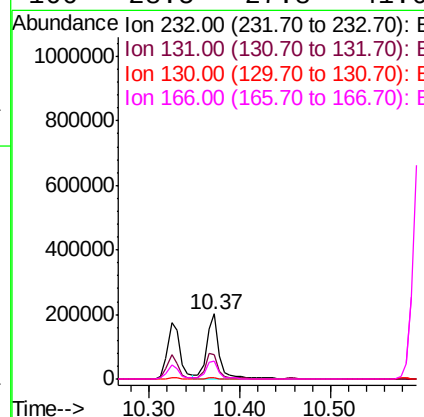
Manual Integrations
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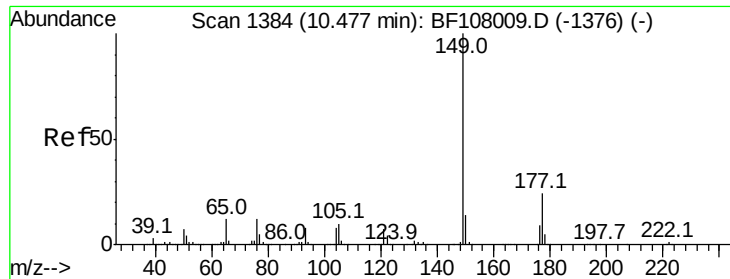
Sohil
 8/27/2018 12:56:47 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.832 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.4	43.8	65.8#
130	2.1	2.1	3.1
166	28.5	27.8	41.6





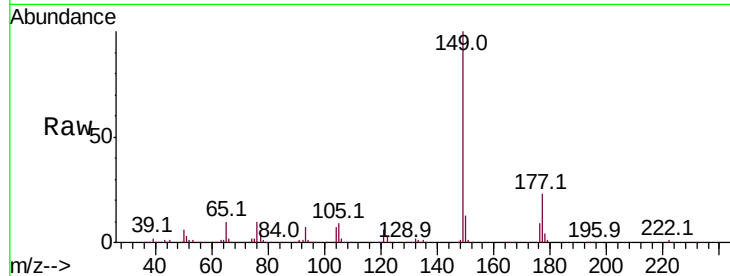
#59
Diethylphthalate
Concen: 42.126 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampled :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	12.7	10.1	15.1

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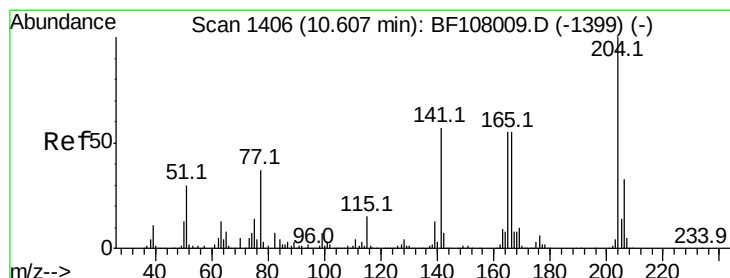
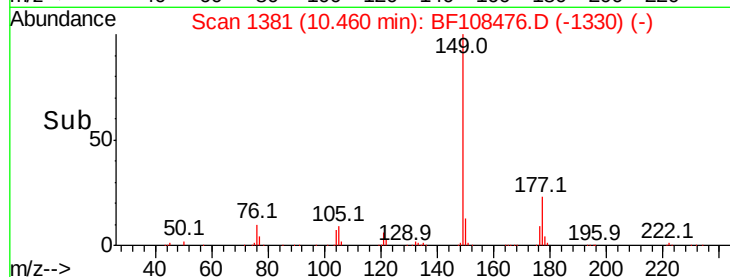
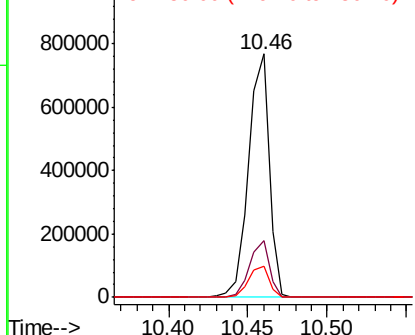


Abundance

Ion 149.00 (148.70 to 149.70): E

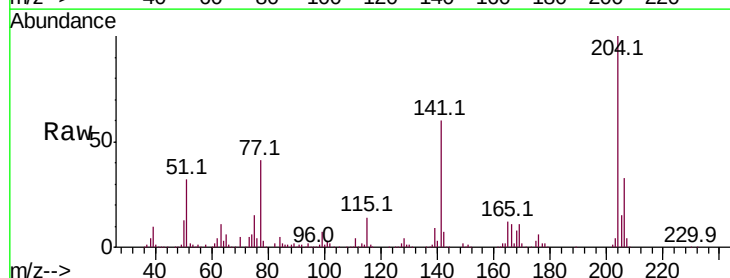
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 41.226 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	59.8	54.6	81.8

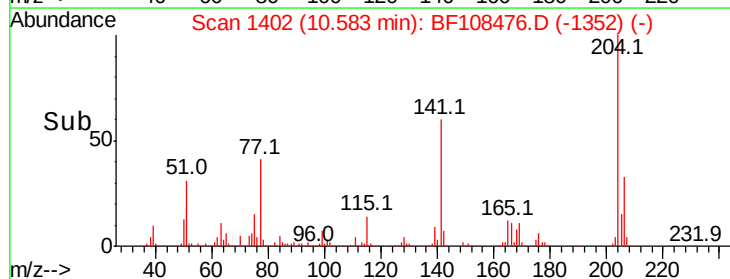
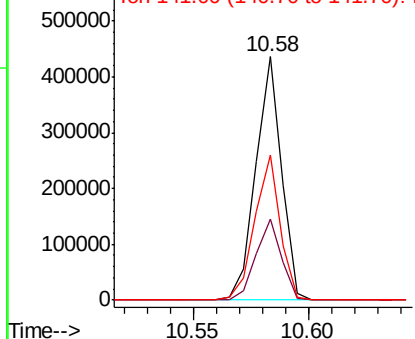


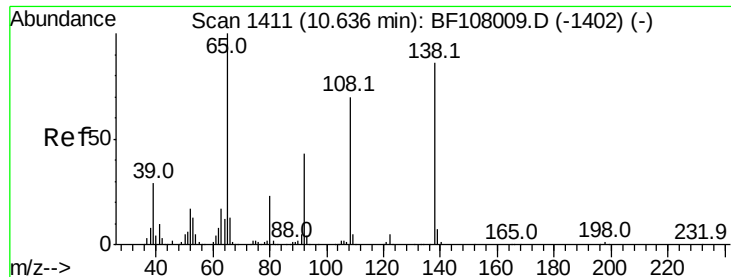
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





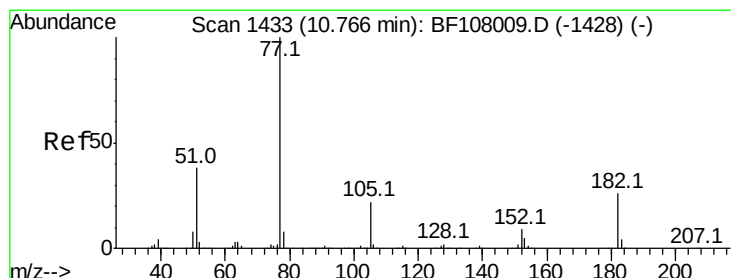
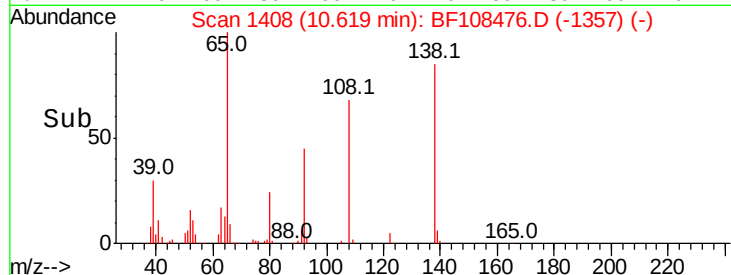
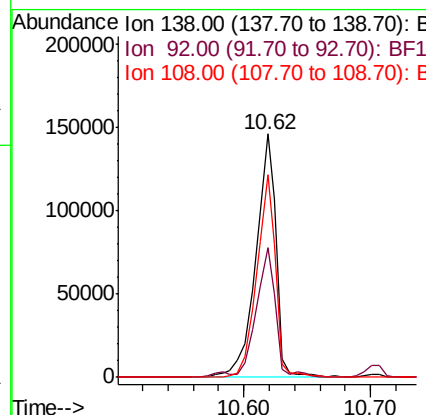
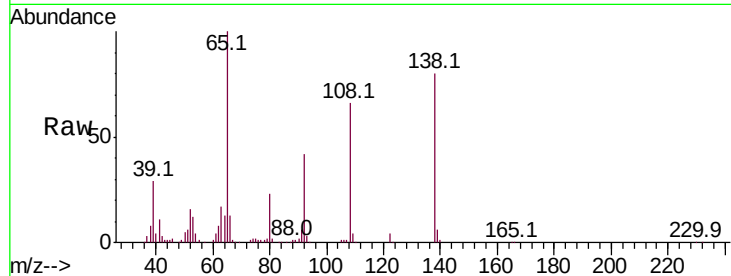
#61
4-Nitroaniline
Concen: 42.814 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	164816		
92	53.3	30.2	70.2	
108	83.0	52.5	92.5	

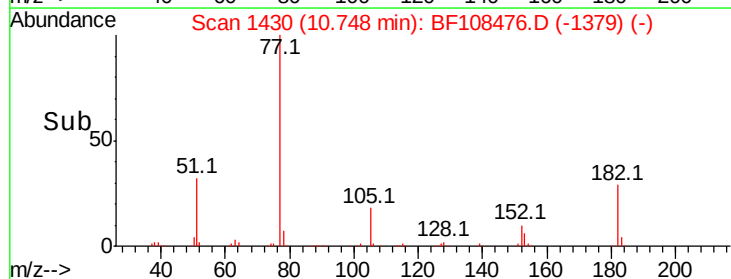
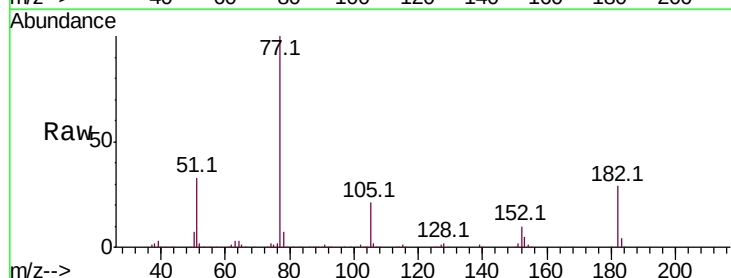
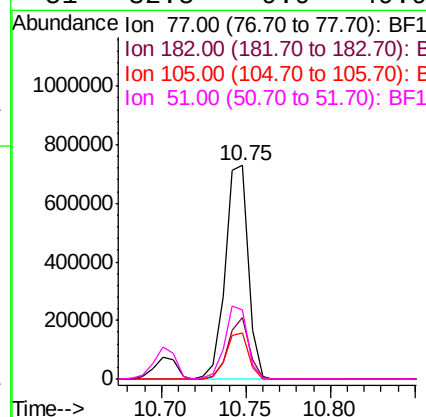
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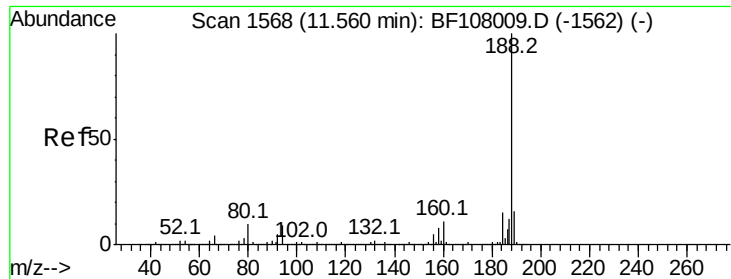
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#62
Azobenzene
Concen: 40.632 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	691133		
182	28.9	1.7	41.7	
105	21.4	3.0	43.0	
51	32.5	9.9	49.9	





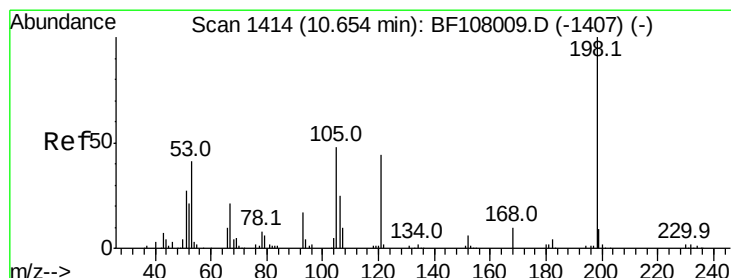
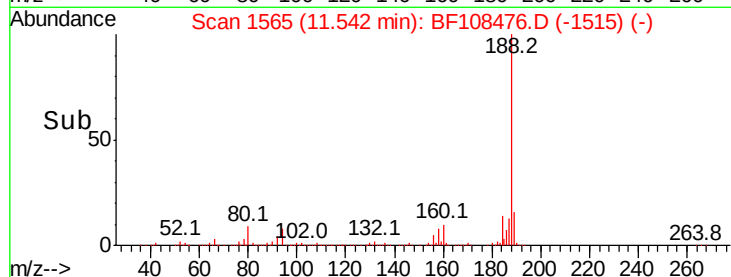
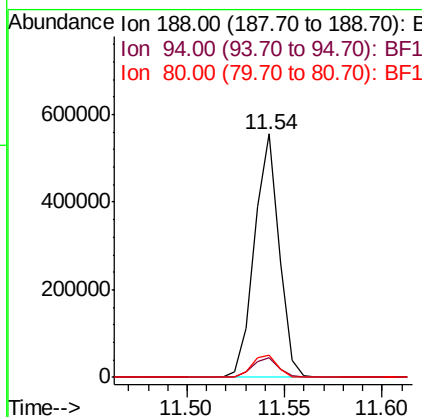
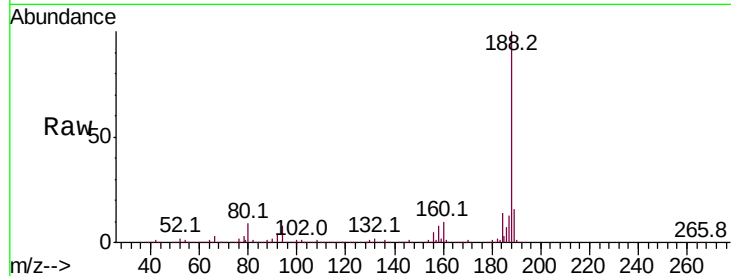
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	485662		
94	8.0		8.5	12.7#
80	9.3		9.2	13.8

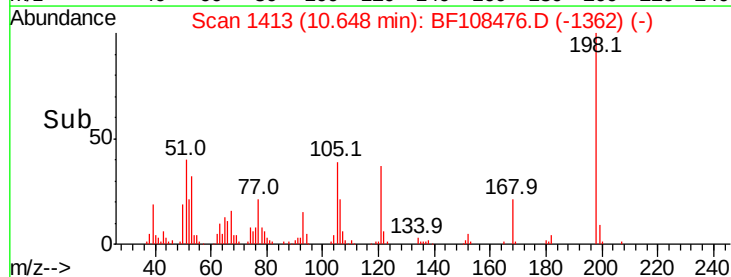
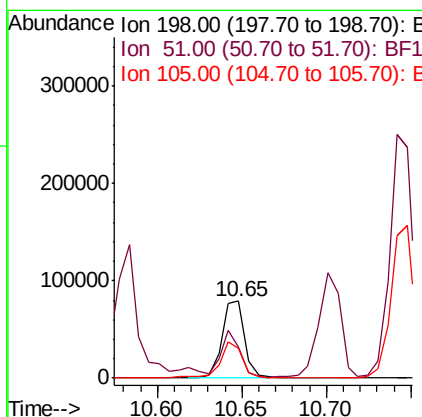
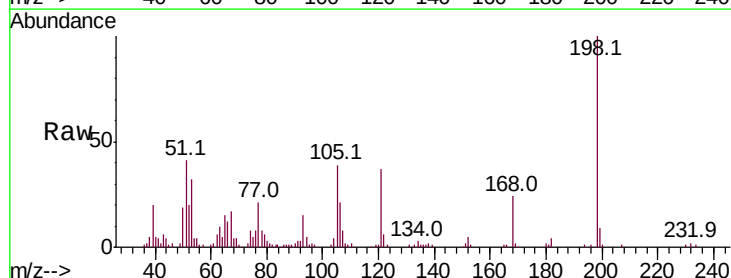
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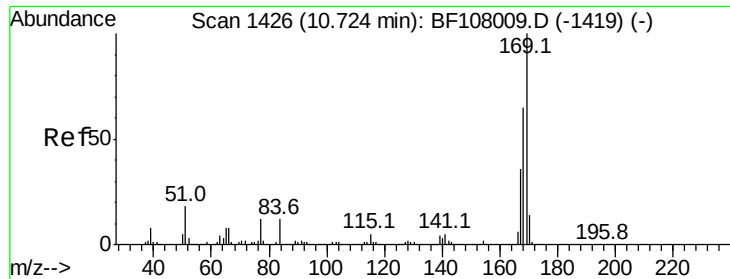
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.411 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	73997		
51	40.6		37.7	77.7
105	38.7		36.3	76.3





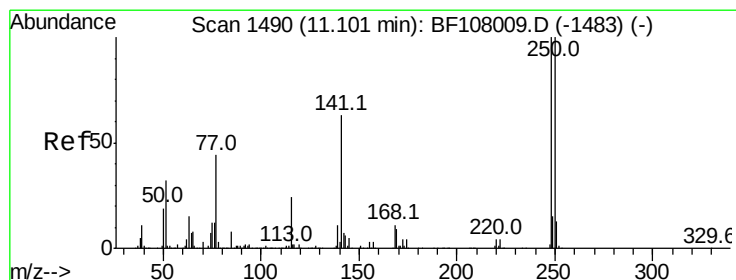
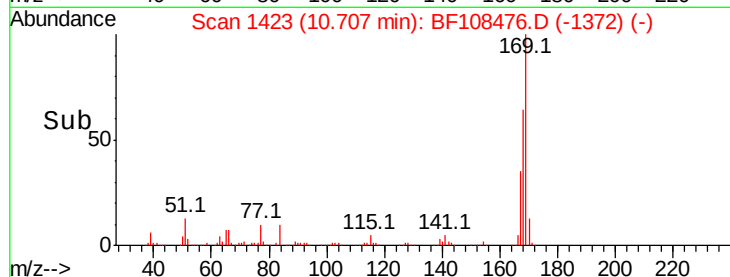
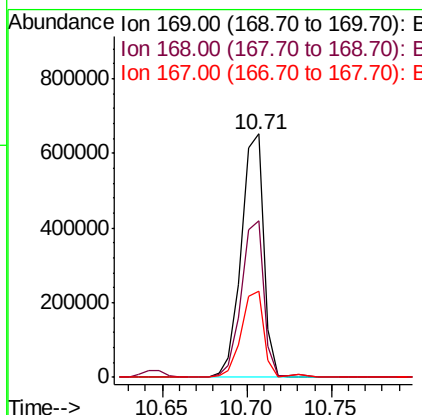
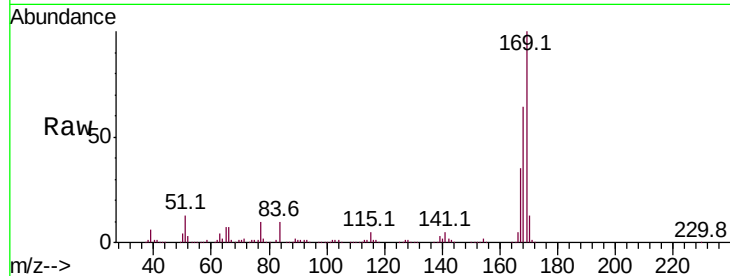
#65
n-Nitrosodiphenylamine
Concen: 42.192 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	605535		
168	64.1		54.4	81.6
167	35.2		29.8	44.6

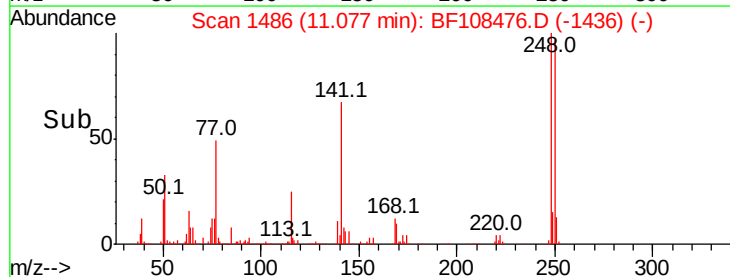
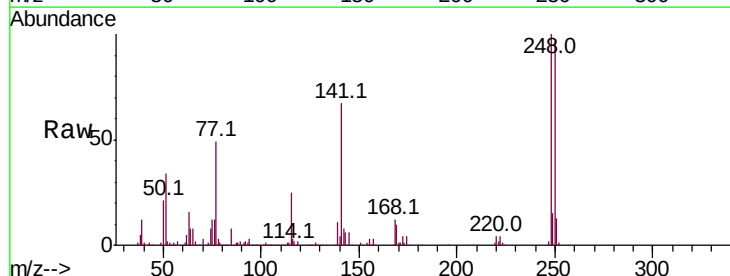
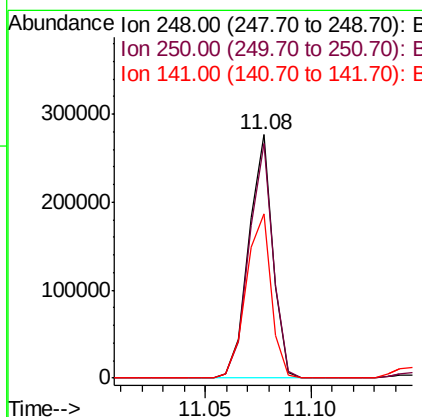
Manual Integrations
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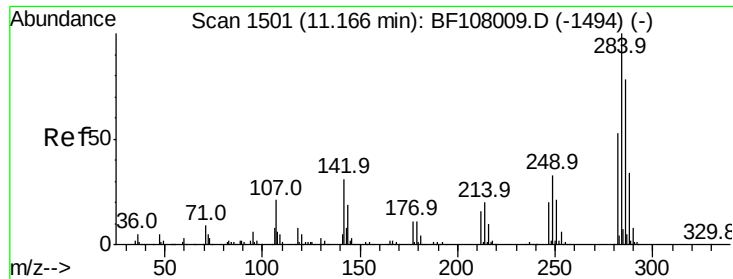
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#66
4-Bromophenyl-phenylether
Concen: 41.560 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219350		
250	96.6		76.9	115.3
141	67.5		74.4	111.6#





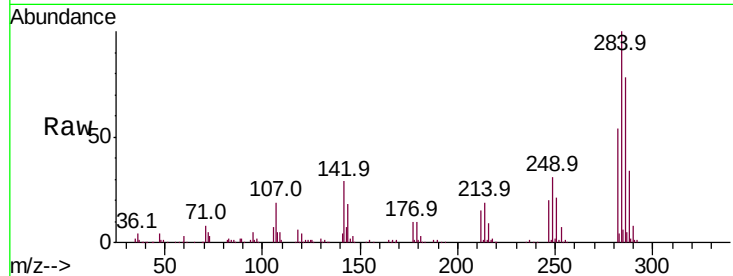
#67
Hexachlorobenzene
Concen: 41.435 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

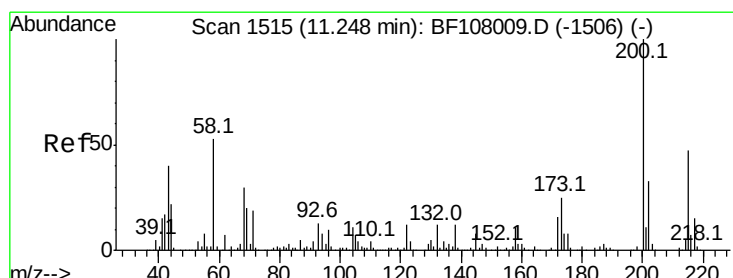
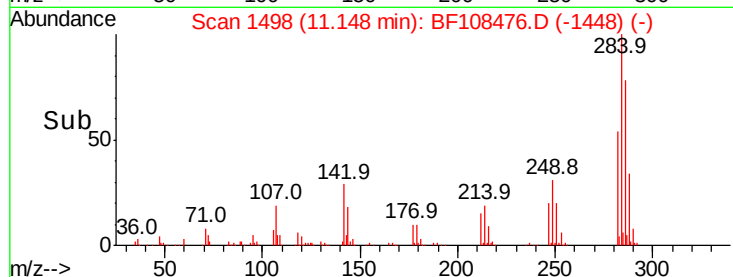
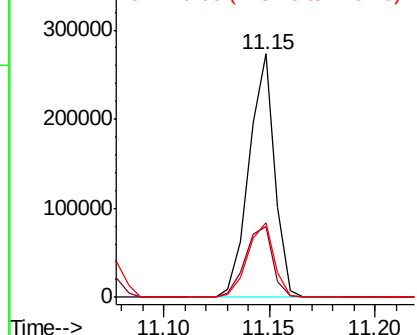
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.3	34.6	52.0	
249	30.8	24.8	37.2	

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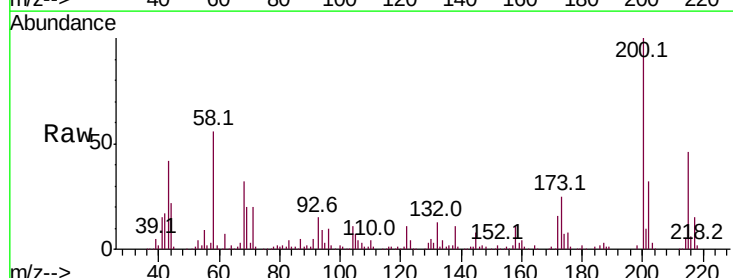


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

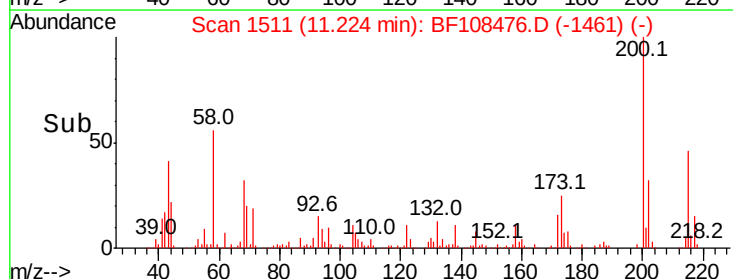
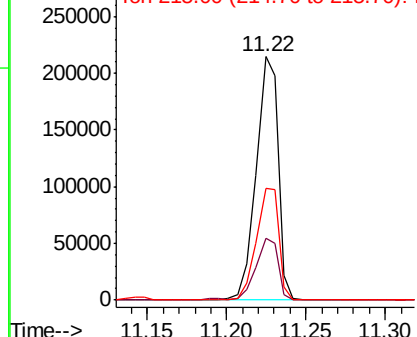


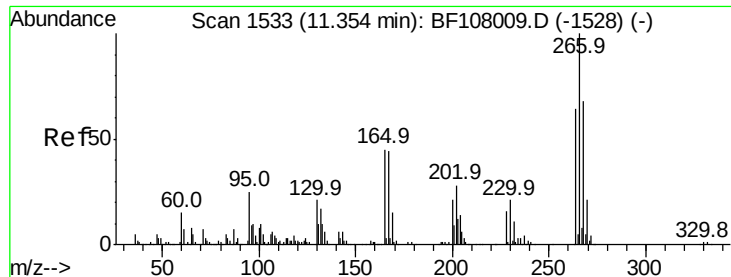
#68
Atrazine
Concen: 43.051 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.2	8.6	48.6	
215	46.2	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





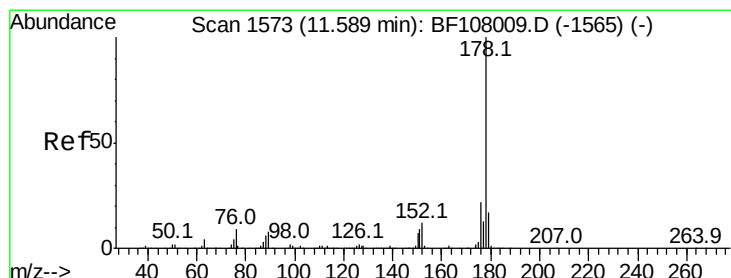
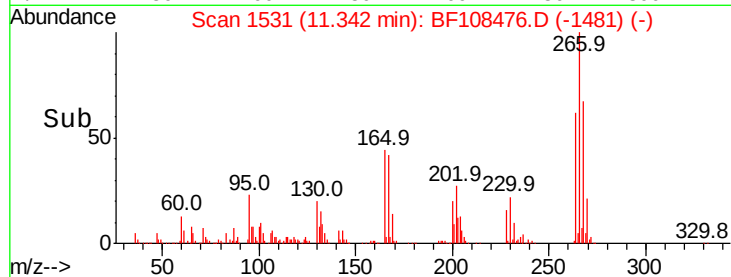
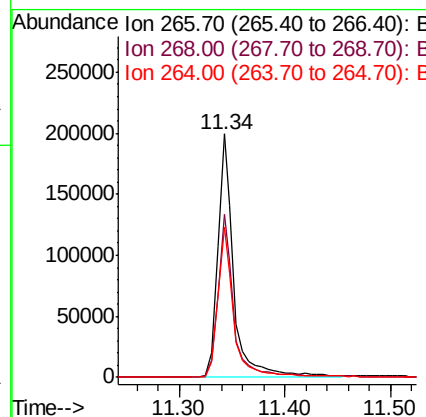
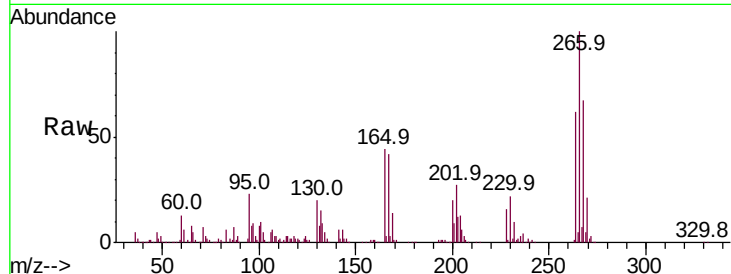
#69
 Pentachlorophenol
 Concen: 80.512 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.1	51.1	76.7	
264	61.9	49.5	74.3	

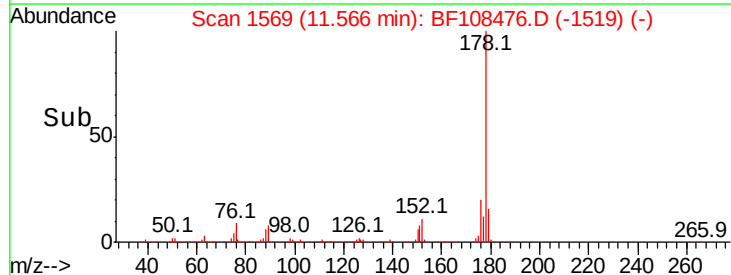
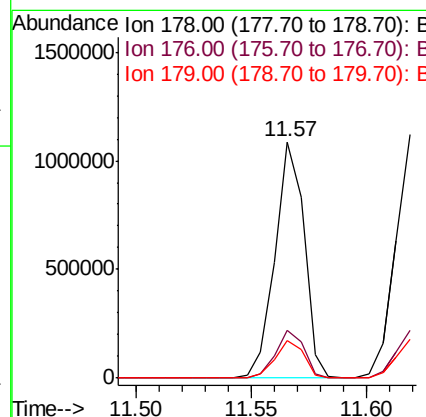
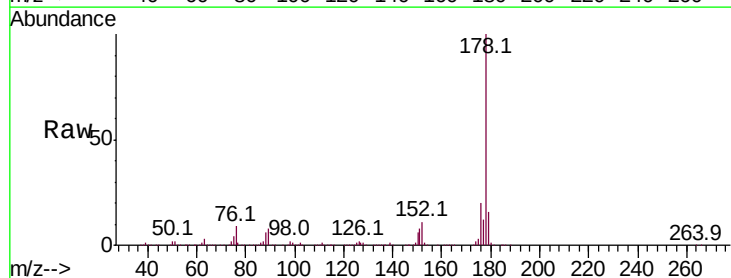
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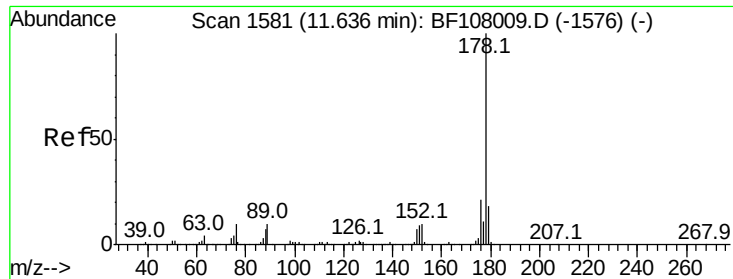
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#70
 Phenanthrene
 Concen: 41.497 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.2	15.8	23.8	
179	15.9	13.0	19.6	





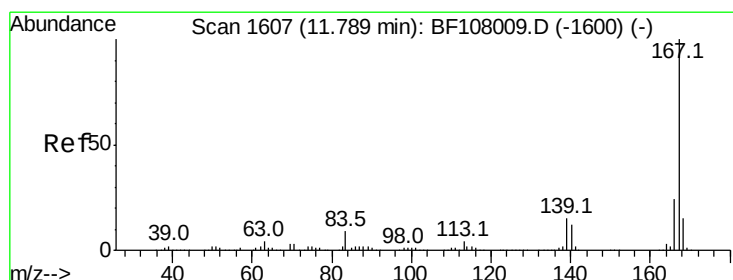
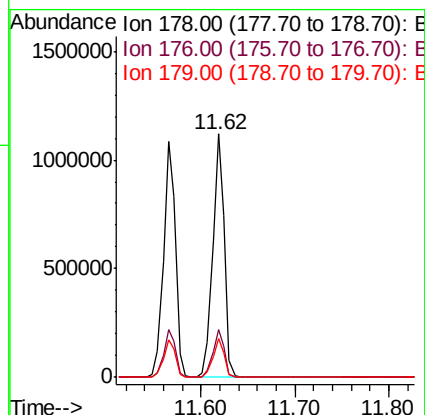
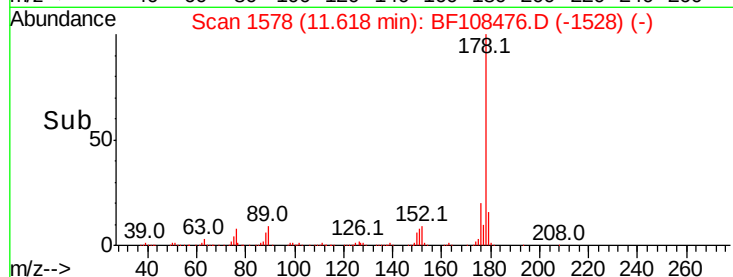
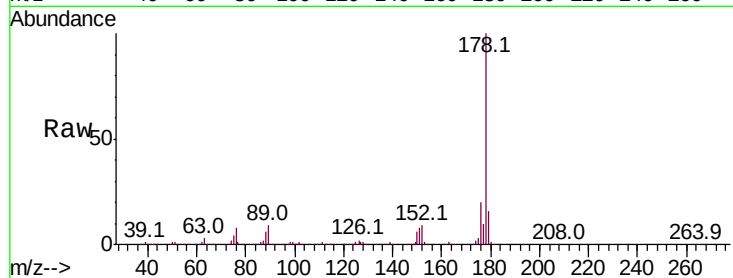
#71
 Anthracene
 Concen: 41.803 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion:178	Resp:	981455
Ion Ratio	Lower	Upper
178 100		
176 19.7	15.4	23.2
179 16.0	12.6	19.0

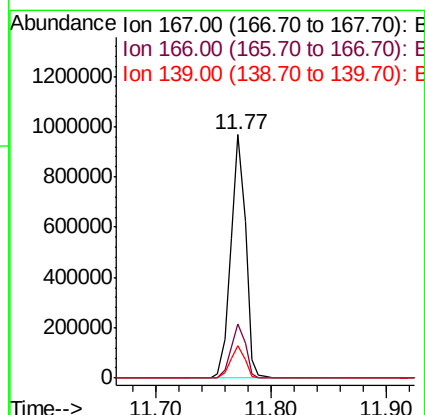
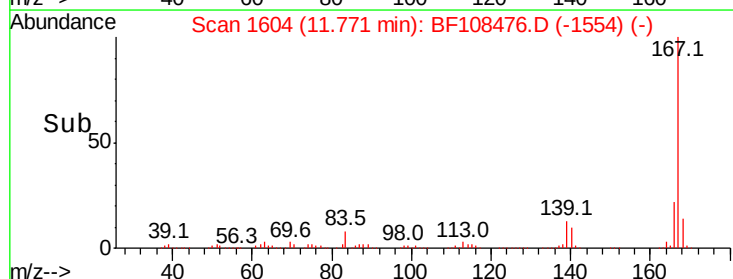
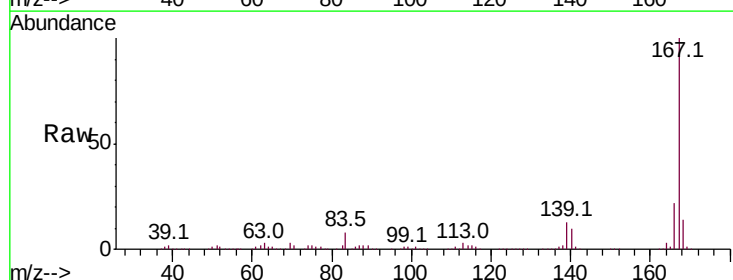
Manual Integrations
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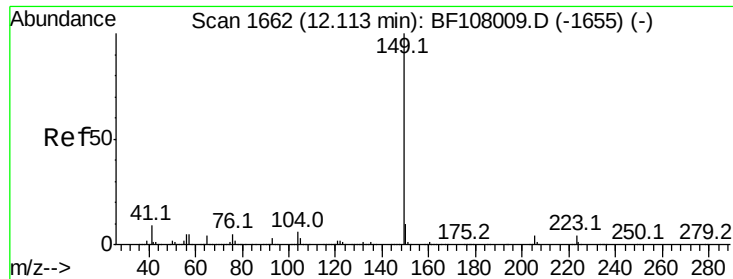
Sohil
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#72
 Carbazole
 Concen: 41.195 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion:167	Resp:	859316
Ion Ratio	Lower	Upper
167 100		
166 22.3	17.6	26.4
139 13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.417 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

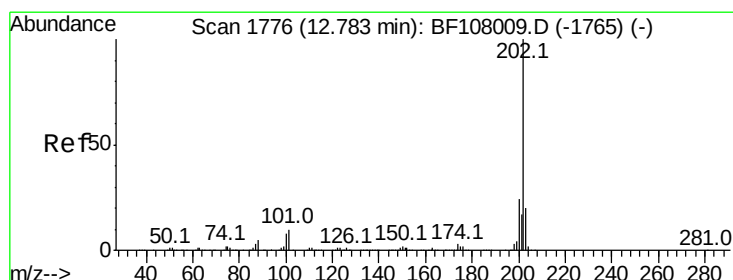
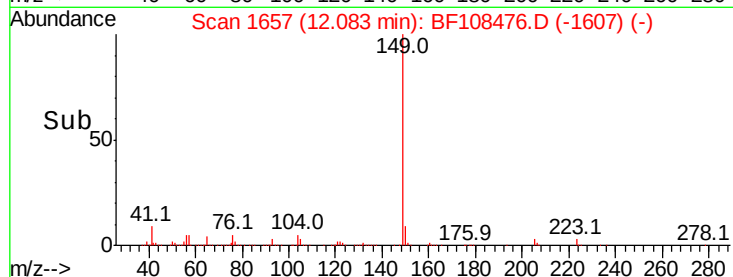
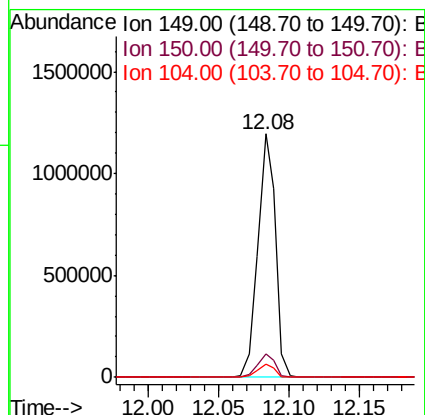
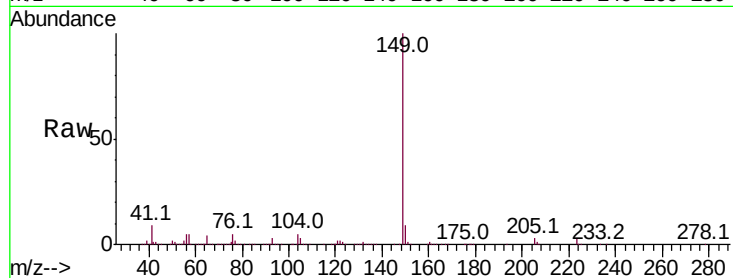
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	149	Resp:	1049463
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.752 ng

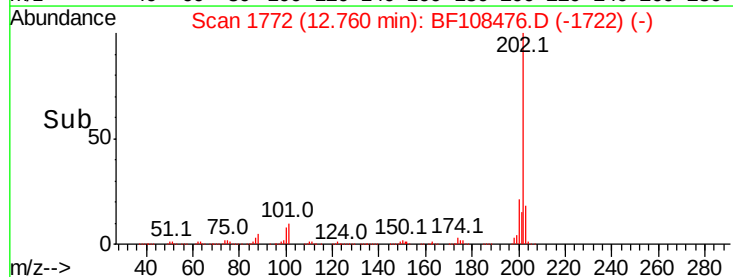
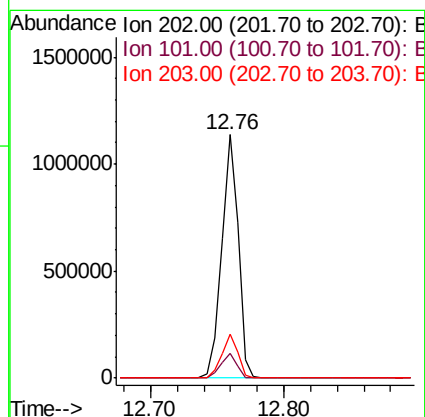
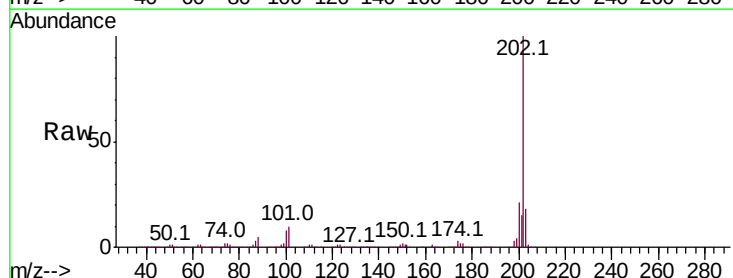
RT: 12.76 min Scan# 1772

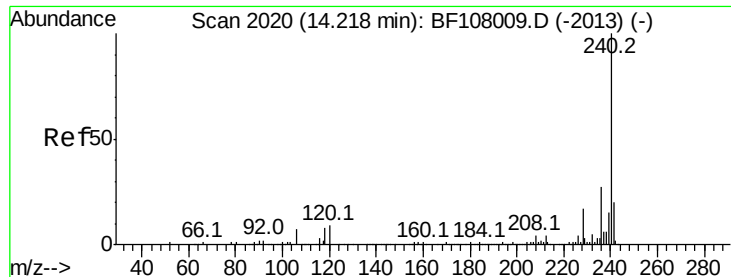
Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Tgt Ion:	202	Resp:	993804
Ion Ratio	Lower	Upper	
202	100		
101	10.1	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: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

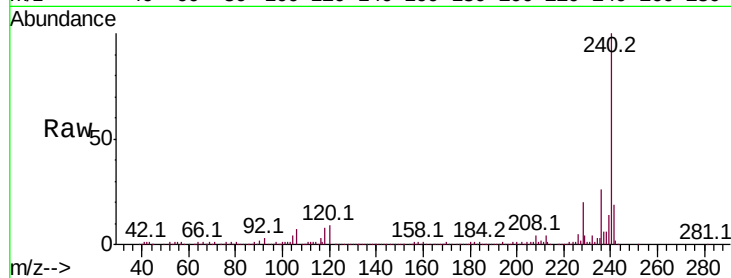
ClientSampleId :

EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.6	20.7	31.1

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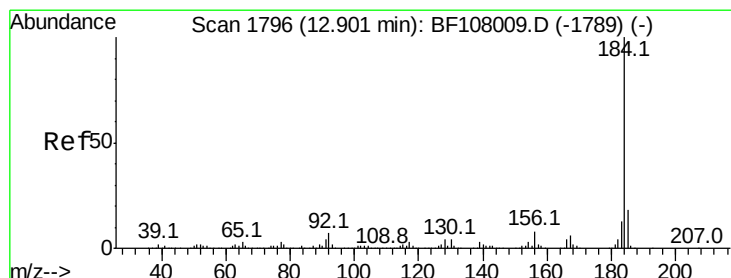
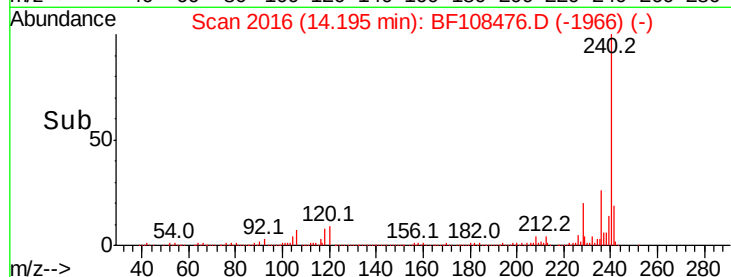
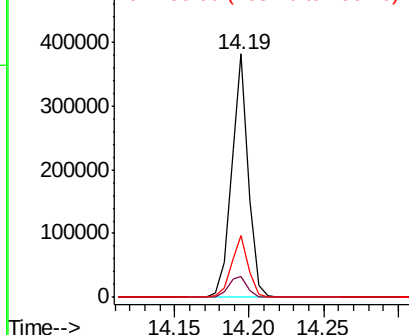


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.027 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

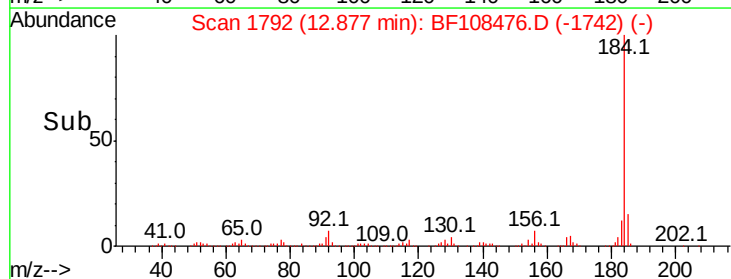
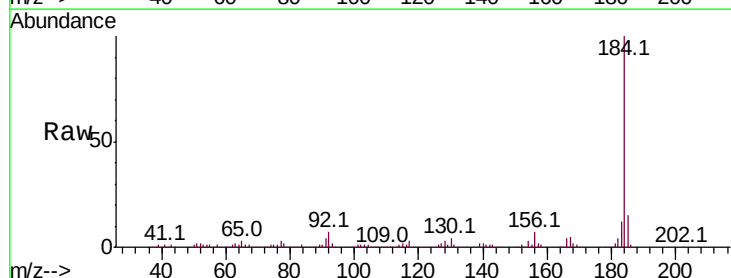
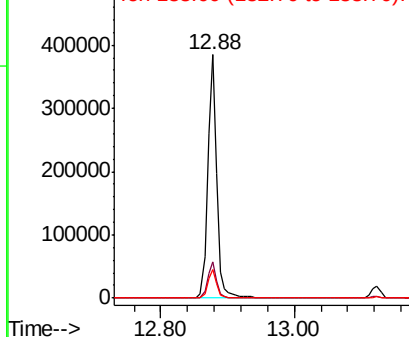
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.9	9.3	13.9

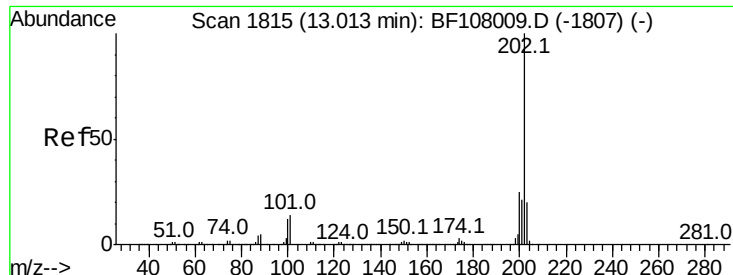
Abundance

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





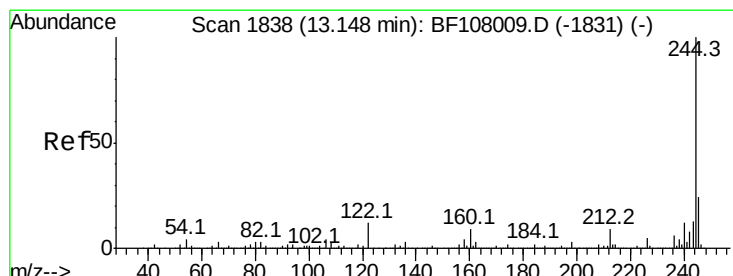
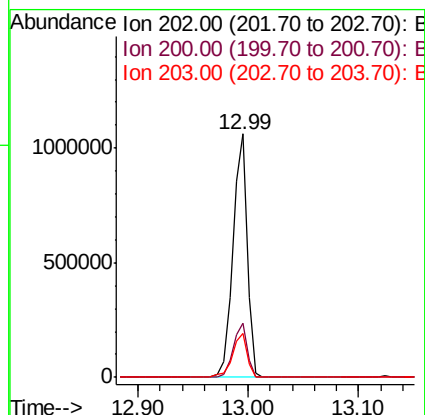
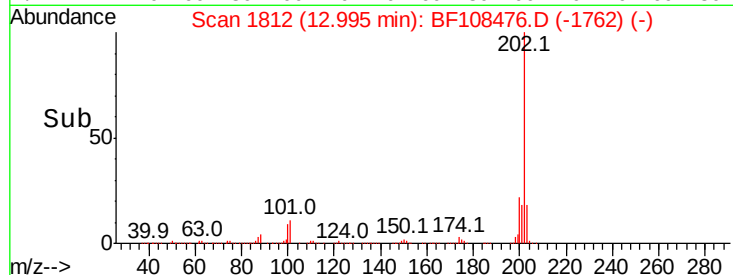
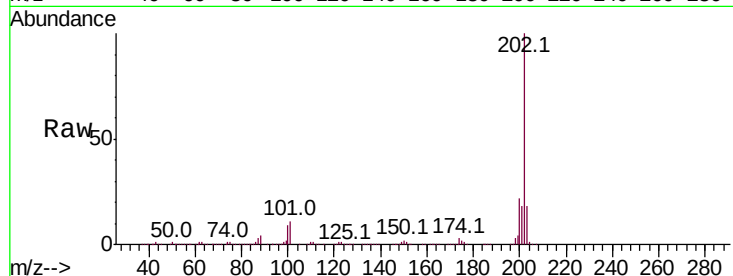
#77
Pvrene
Concen: 50.644 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampled :
EP1-Q3-C2MSD

Tot Ion:	202	Resp:	962569
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

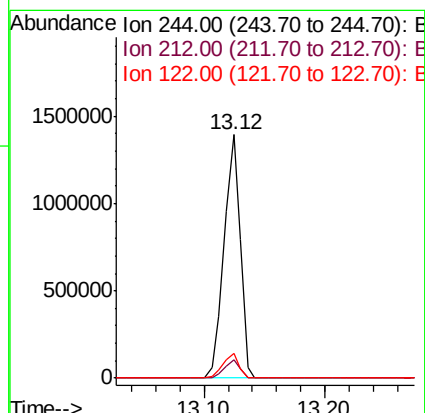
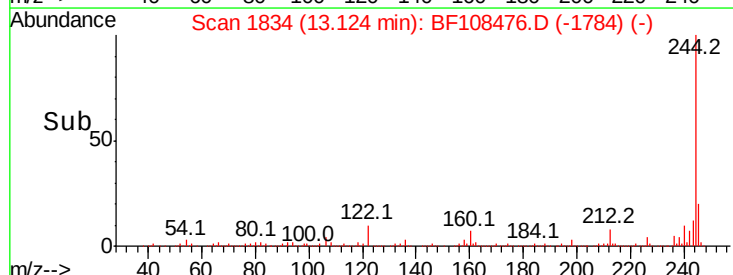
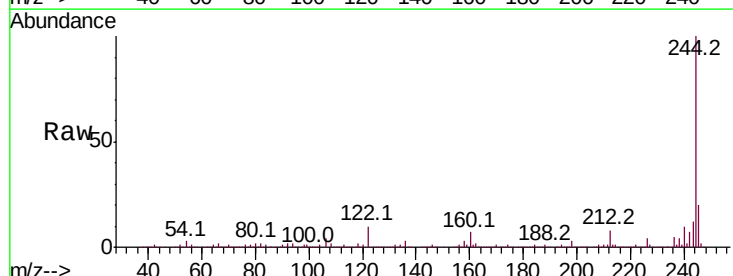
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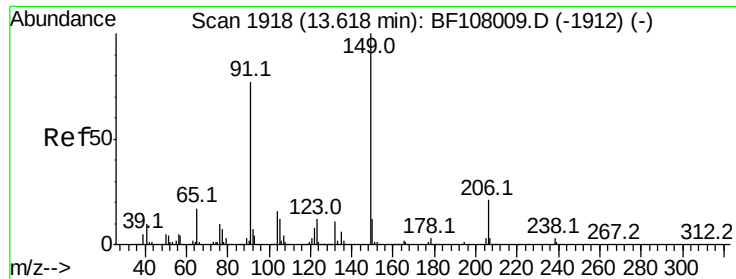
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#78
Terphenyl-d14
Concen: 108.742 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion:	244	Resp:	1283955
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.4	8.0
122	10.1	11.0	16.4#





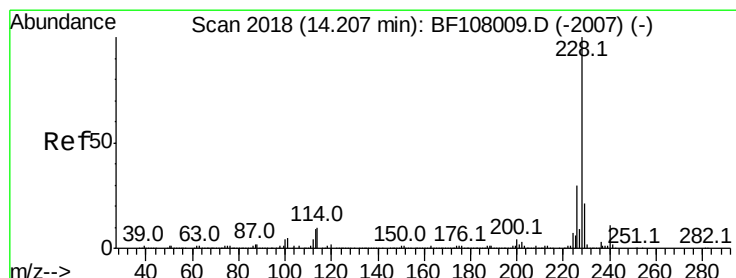
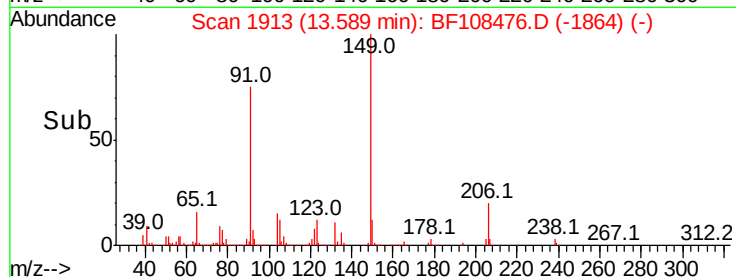
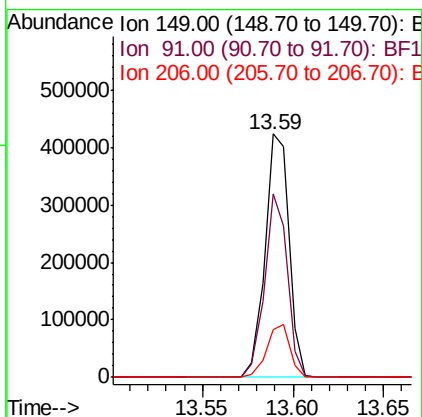
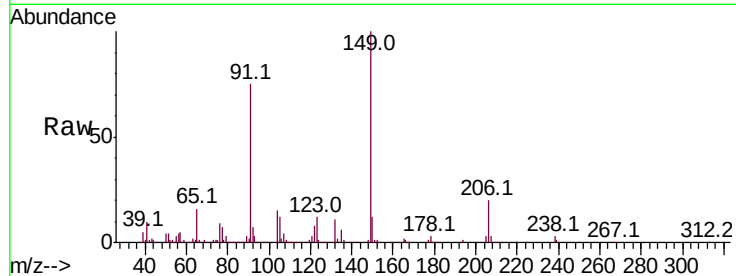
#79
Butylbenzylphthalate
Concen: 51.758 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	19.7	14.1	21.1

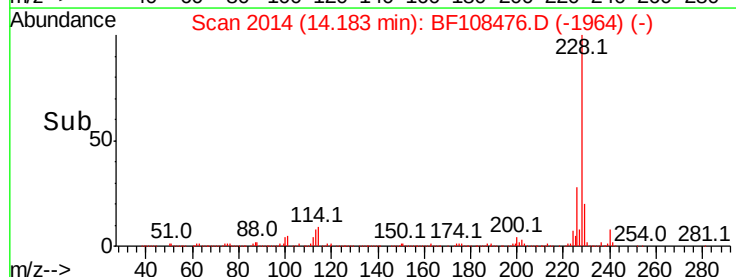
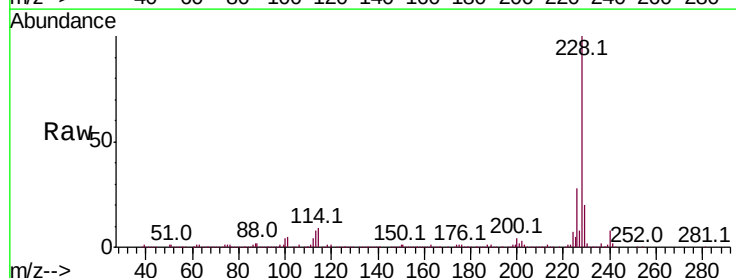
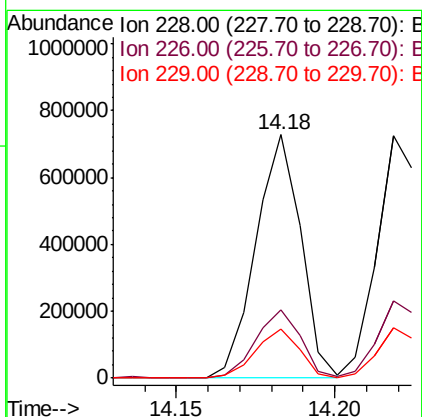
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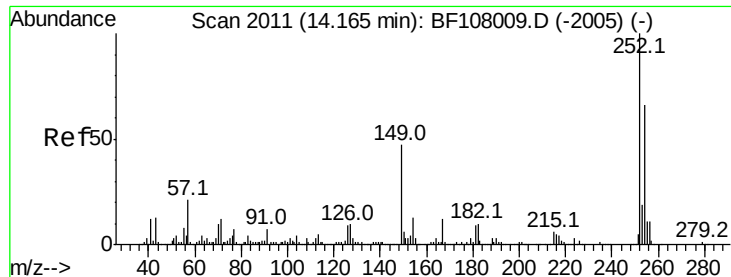
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#80
Benzo(a)anthracene
Concen: 41.696 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	15.8	23.6





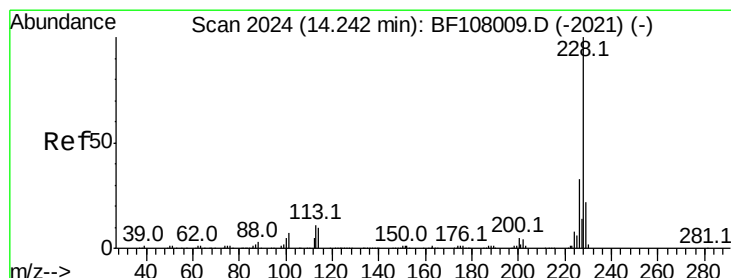
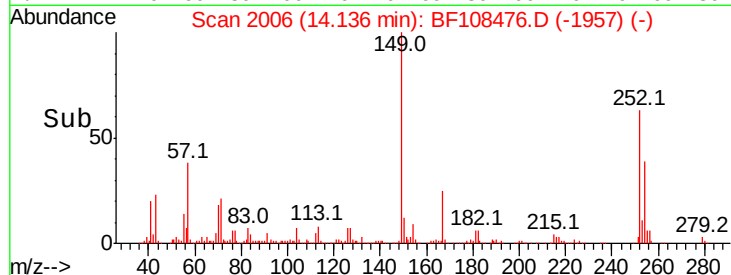
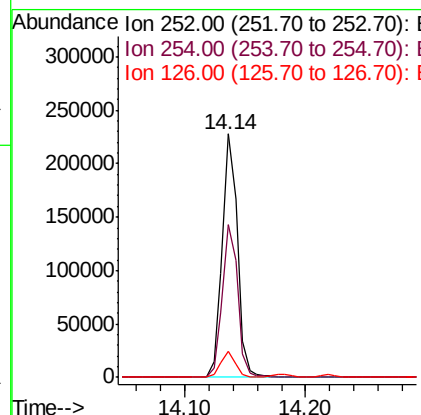
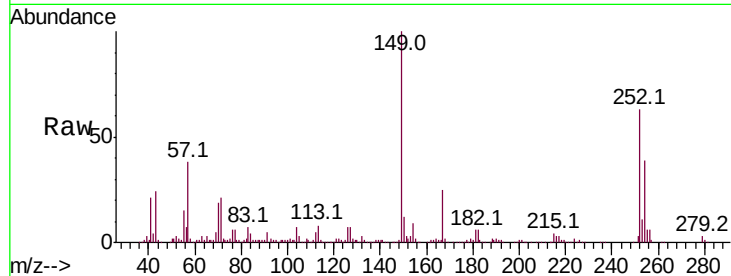
#81
 3,3'-Dichlorobenzidine
 Concen: 31.902 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	196974		
254	62.8	50.4	75.6	
126	10.6	11.3	16.9	

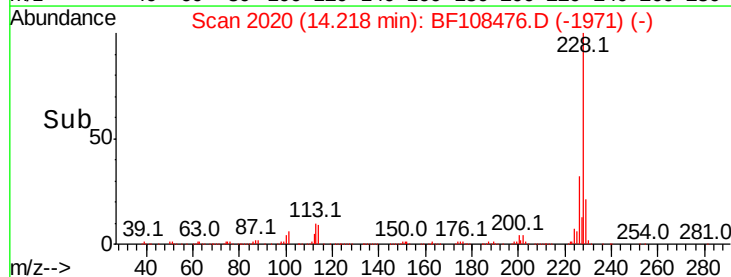
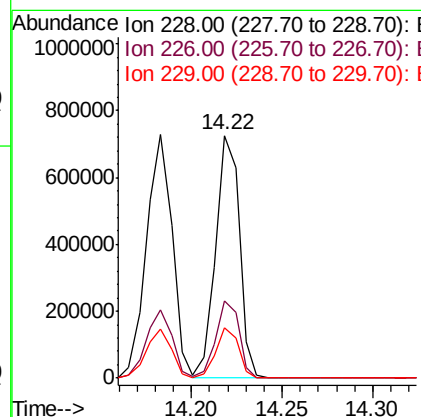
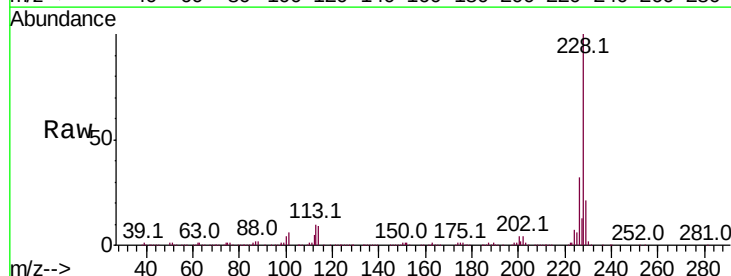
Manual Integrations
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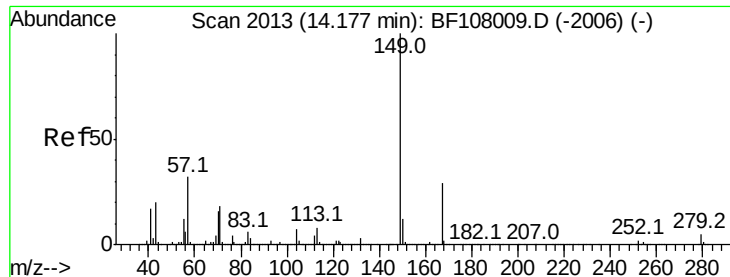
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#82
 Chrysene
 Concen: 41.801 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	660256		
226	31.6	25.0	37.6	
229	20.6	16.2	24.4	





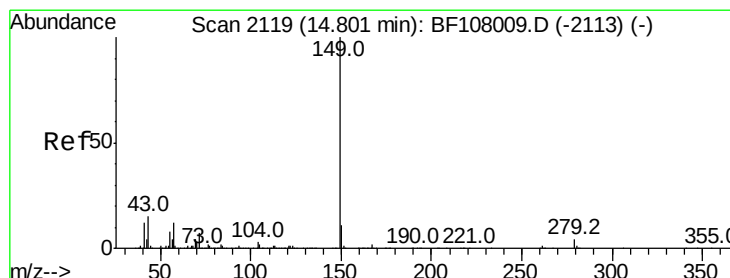
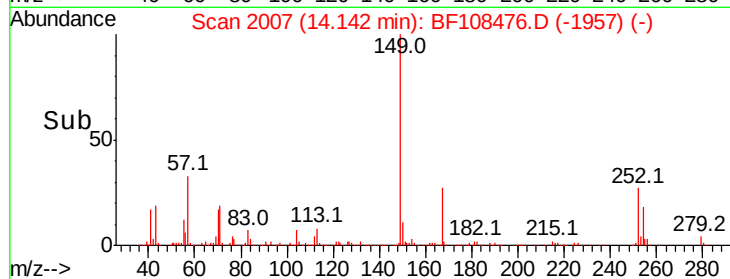
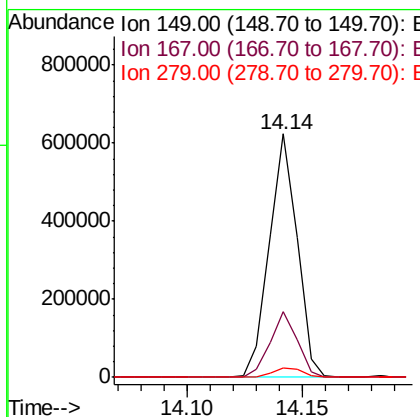
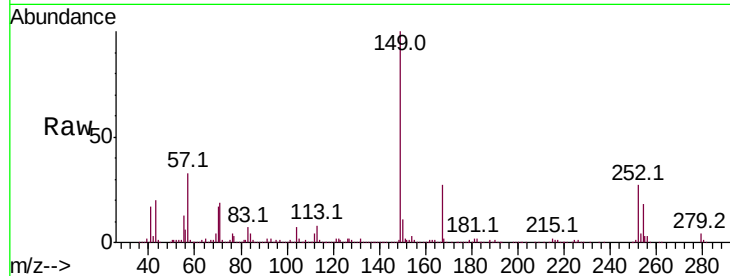
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.114 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.1	3.0	4.4

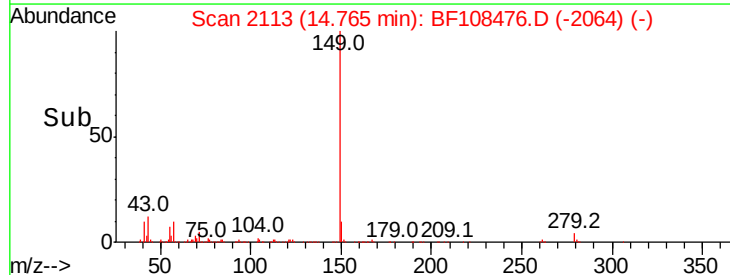
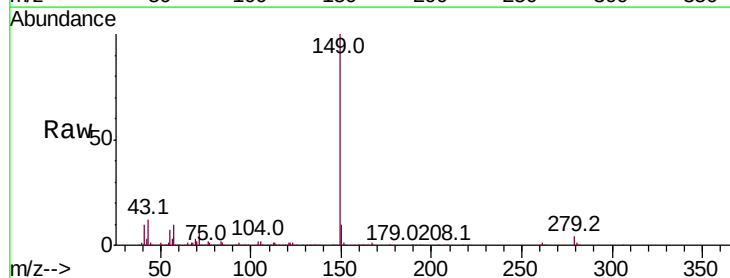
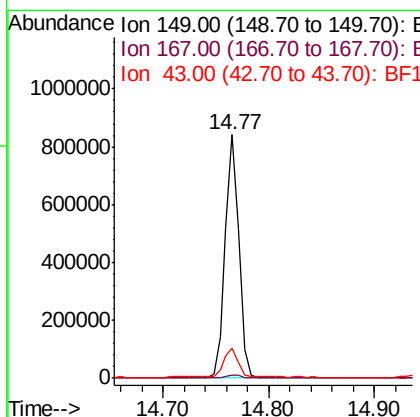
Manual Integrations
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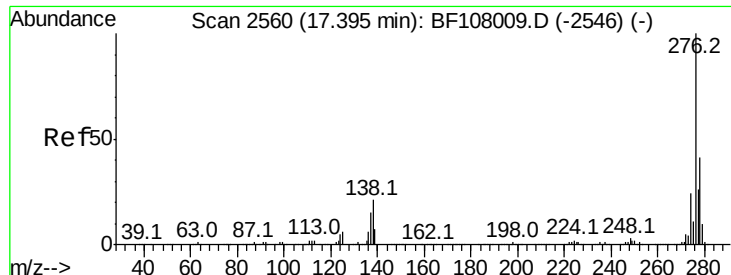
Sohil
 8/27/2018 12:56:47 PM



#84
 Di-n-octyl phthalate
 Concen: 49.029 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6





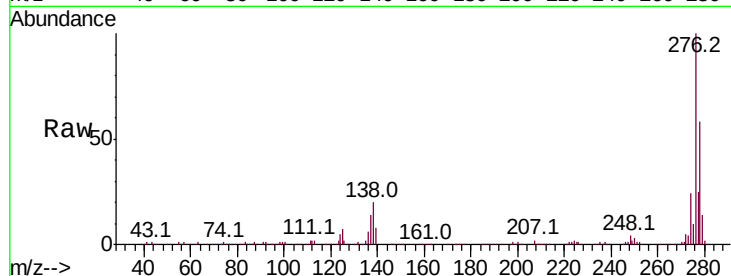
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.661 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MSD

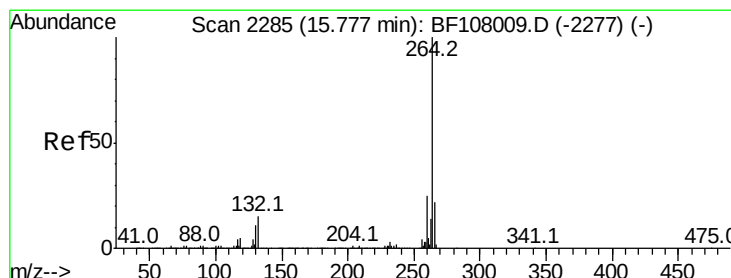
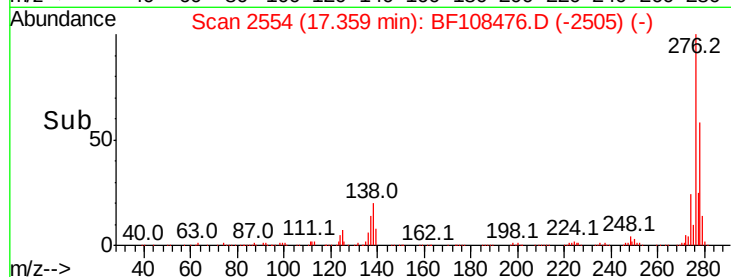
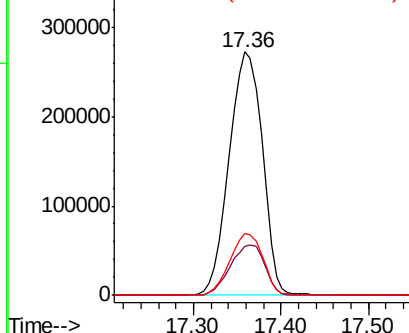
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	25.2	20.1	30.1

Manual Integrations
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 8/27/2018 12:56:47 PM

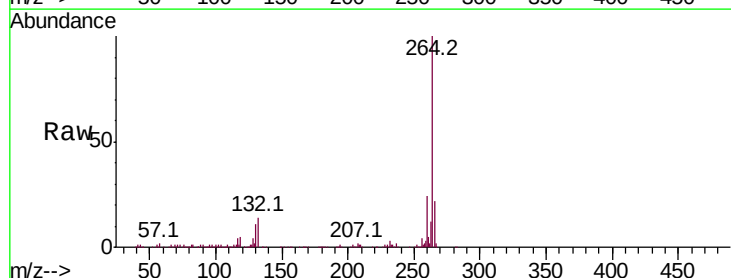


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

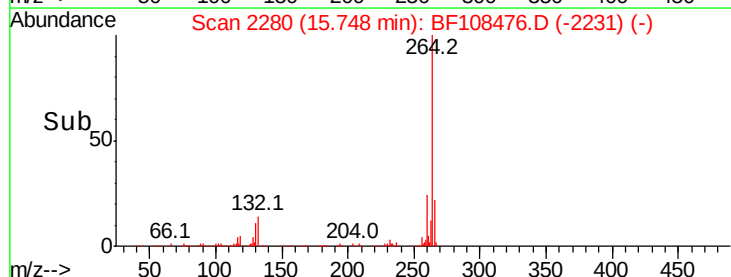
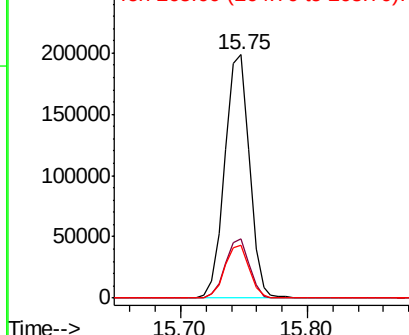


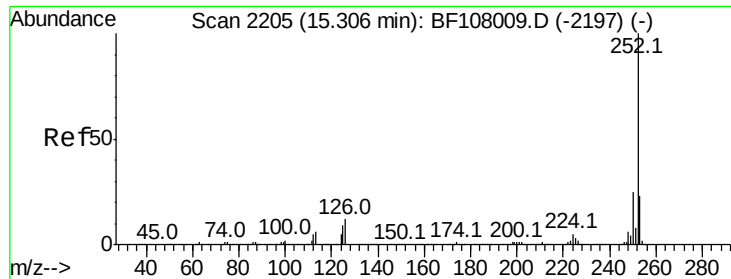
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108476.D
 Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





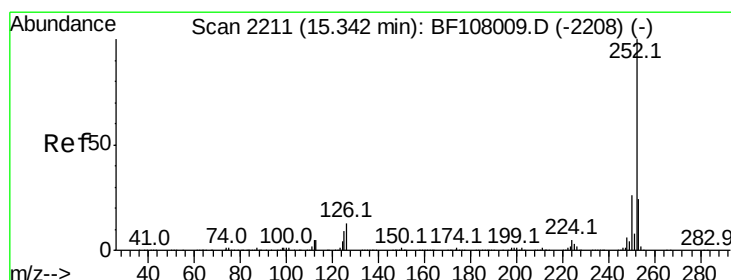
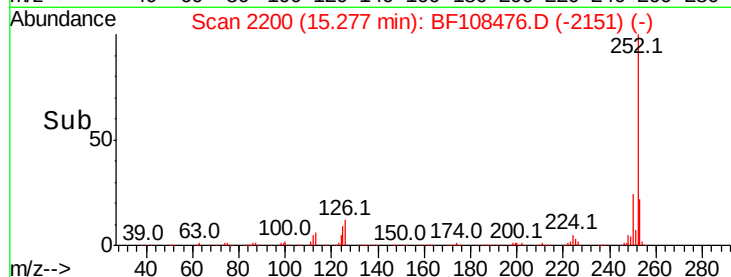
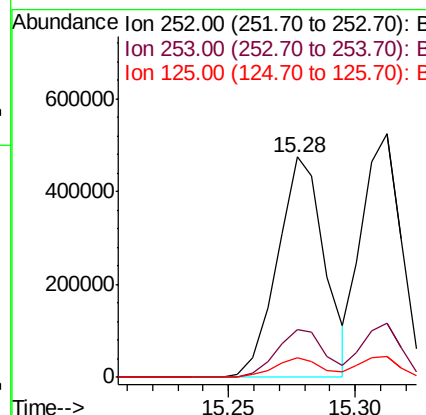
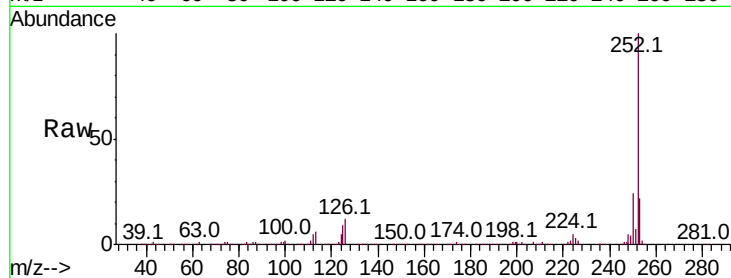
#87
Benzo(b)fluoranthene
Concen: 38.578 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	9.2	9.0	13.6

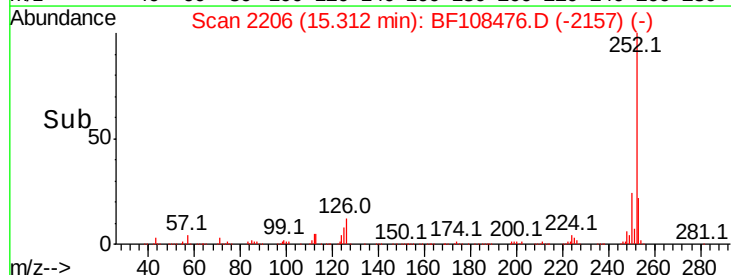
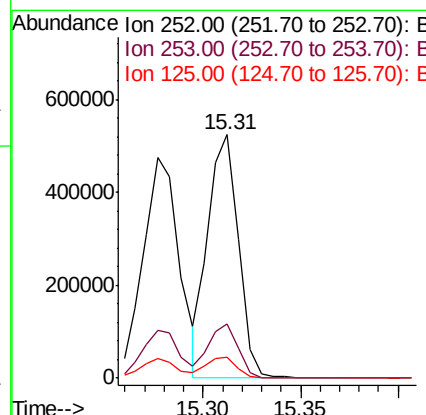
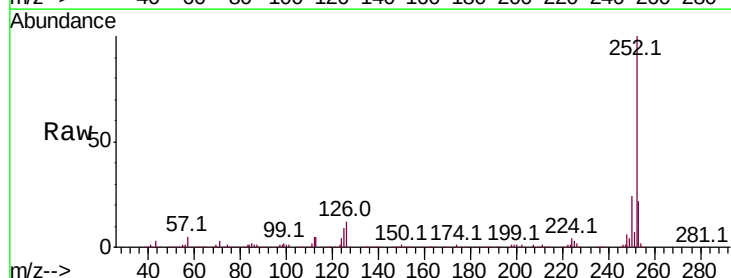
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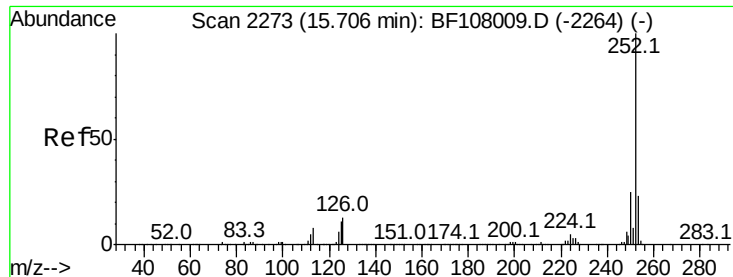
Sohil
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#88
Benzo(k)fluoranthene
Concen: 38.627 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.6	10.2	15.2#





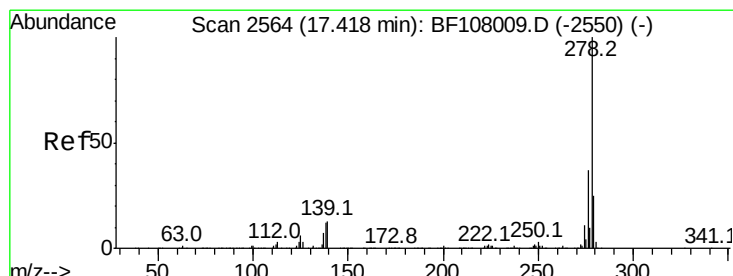
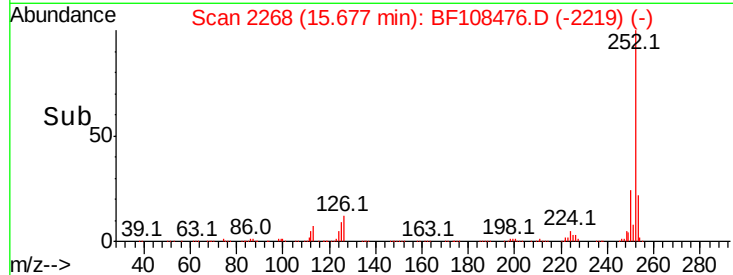
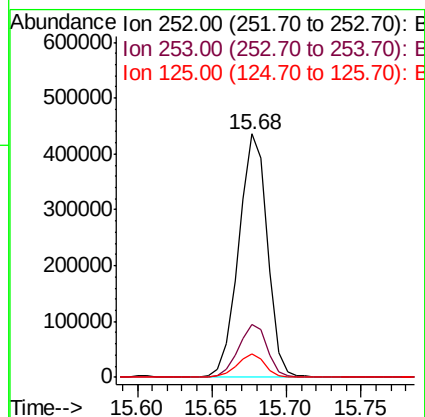
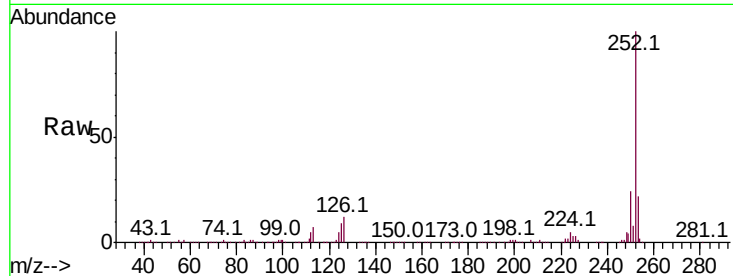
#89
Benzo(a)pyrene
Concen: 40.840 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.4	9.8	14.6

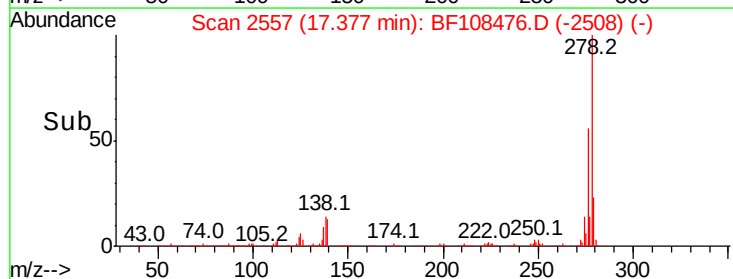
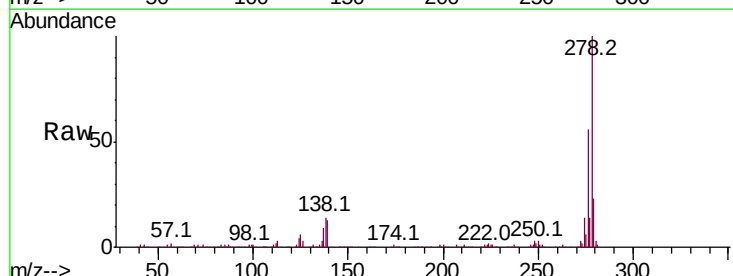
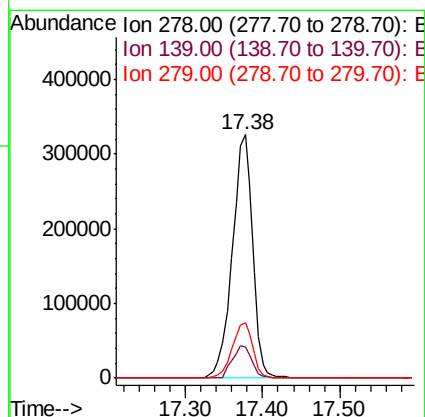
Manual Integrations
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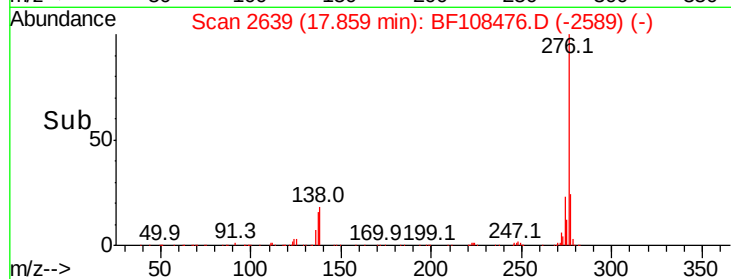
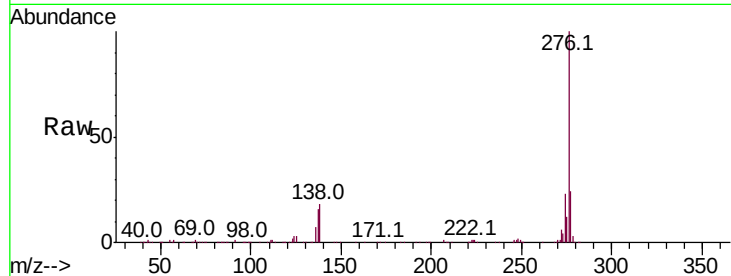
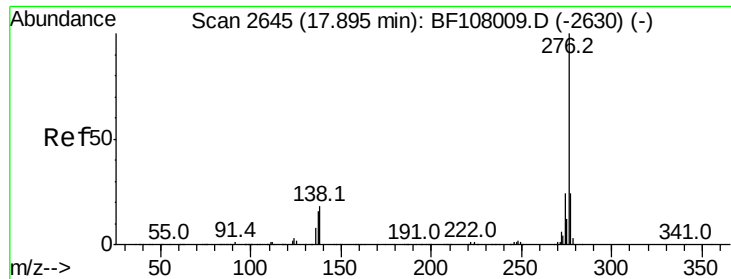
Sohil
8/27/2018 12:56:47 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.821 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108476.D
Acq: 24 Aug 2018 21:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.9	23.9
279	22.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 51.001 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108476.D

Acq: 24 Aug 2018 21:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C2MSD

Tot Ion:	276	Resp:	594471
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.9	26.9
138	18.2	21.8	32.8#

Manual Integrations
APPROVED

Sohil
8/27/2018 12:56:47 PM

