

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108475.D
 Acq On : 24 Aug 2018 20:41
 Operator : JU/SJ
 Sample : J4581-11MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Manual Integrations
 APPROVED

Sohil
 8/27/2018 12:56:45 PM

Quant Time: Aug 25 01:08:06 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	135311	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	511931	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	253875	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	488895	20.00	ng	0.00
75) Chrysene-d12	14.19	240	295432	20.00	ng	0.00
86) Perylene-d12	15.74	264	276023	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	845533	113.13	ng	0.00
7) Phenol-d6	6.63	99	1146049	115.39	ng	0.00
23) Nitrobenzene-d5	7.57	82	755185	82.32	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	327137	129.18	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1274273	80.58	ng	0.00
78) Terphenyl-d14	13.12	244	1315945	113.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	121350	31.599	ng	89
3) Pyridine	3.72	79	339064	34.274	ng	85
4) n-Nitrosodimethylamine	3.68	42	199386	35.819	ng	81
6) Aniline	6.67	93	428378	31.710	ng	97
8) 2-Chlorophenol	6.79	128	345281	41.019	ng	96
9) Benzaldehyde	6.55	77	221009	28.702	ng	95
10) Phenol	6.64	94	453906	44.183	ng	89
11) bis(2-Chloroethyl)ether	6.74	93	333770	40.187	ng	94
12) 1,3-Dichlorobenzene	6.94	146	383653	39.418	ng	98
13) 1,4-Dichlorobenzene	7.02	146	386837	39.558	ng	98
14) 1,2-Dichlorobenzene	7.17	146	364686	40.093	ng	98
15) Benzyl Alcohol	7.14	79	324325	38.790	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	638112	37.295	ng	99
17) 2-Methylphenol	7.25	107	297725	41.244	ng	95
18) Hexachloroethane	7.51	117	136523	39.215	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	260887	38.845	ng	90
20) 3+4-Methylphenols	7.40	107	367413	39.718	ng	90
22) Acetophenone	7.41	105	496770	41.500	ng	# 91
24) Nitrobenzene	7.58	77	392508	42.310	ng	95
25) Isophorone	7.82	82	712204	40.729	ng	96
26) 2-Nitrophenol	7.90	139	171615	48.985	ng	95
27) 2,4-Dimethylphenol	7.92	122	317378	40.894	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	428578	41.984	ng	99
29) 2,4-Dichlorophenol	8.14	162	309454	43.328	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	324074	41.155	ng	95
31) Naphthalene	8.31	128	997162	42.831	ng	99
32) Benzoic acid	7.99	122	12779	8.459	ng	95
33) 4-Chloroaniline	8.35	127	227477	22.420	ng	96
34) Hexachlorobutadiene	8.41	225	205925	41.309	ng	97
35) Caprolactam	8.72	113	86816m	38.789	ng	
36) 4-Chloro-3-methylphenol	8.84	107	324866	42.164	ng	100
37) 2-Methylnaphthalene	9.00	142	669435	40.641	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	339201	43.508	ng	97
40) Hexachlorocyclopentadiene	9.15	237	286023	56.799	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	225390	46.588	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	240878	45.229	nq	95
45) 1,1'-Biphenyl	9.46	154	820814	43.851	nq	99
46) 2-Chloronaphthalene	9.49	162	636451	43.020	nq	100
47) 2-Nitroaniline	9.59	65	217250	45.385	nq	92
48) Acenaphthylene	9.91	152	1012917	43.308	nq	99
49) Dimethylphthalate	9.76	163	903962	51.116	nq	99
50) 2,6-Dinitrotoluene	9.83	165	165688	44.781	nq	95
51) Acenaphthene	10.08	154	590829	41.244	nq	99
52) 3-Nitroaniline	10.00	138	128227	31.675	nq	96
53) 2,4-Dinitrophenol	10.11	184	90439	66.603	nq #	21
54) Dibenzofuran	10.25	168	873994	42.112	nq	97
55) 4-Nitrophenol	10.16	139	229099	74.734	nq #	79
56) 2,4-Dinitrotoluene	10.24	165	219708	46.133	nq #	99
57) Fluorene	10.60	166	692777	42.167	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	202435	45.477	nq #	87
59) Diethylphthalate	10.46	149	728803	42.559	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	356635	41.659	nq	94
61) 4-Nitroaniline	10.62	138	169226	42.281	nq	91
62) Azobenzene	10.75	77	724315	40.957	nq	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	75257	41.782	nq	80
65) n-Nitrosodiphenylamine	10.71	169	629085	43.543	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	228352	42.980	nq #	87
67) Hexachlorobenzene	11.15	284	237616	42.506	nq #	87
68) Atrazine	11.23	200	209409	43.215	nq	96
69) Pentachlorophenol	11.34	266	219874	82.176	nq	98
70) Phenanthrene	11.57	178	980003	42.499	nq	100
71) Anthracene	11.62	178	1010030	42.736	nq	100
72) Carbazole	11.77	167	871174	41.488	nq	99
73) Di-n-butylphthalate	12.08	149	1083059	45.536	nq	99
74) Fluoranthene	12.76	202	991622	39.402	nq	96
76) Benzidine	12.88	184	318837	28.885	nq	98
77) Pyrene	12.99	202	955835	51.103	nq	100
79) Butylbenzylphthalate	13.59	149	376896	50.747	nq	94
80) Benzo(a)anthracene	14.18	228	711095	41.941	nq	98
81) 3,3'-Dichlorobenzidine	14.14	252	180258	29.667	nq #	98
82) Chrysene	14.22	228	655863	42.194	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	508361	50.545	nq	99
84) Di-n-octyl phthalate	14.77	149	769370	50.159	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	736116	54.656	nq #	90
87) Benzo(b)fluoranthene	15.28	252	645306	39.125	nq #	97
88) Benzo(k)fluoranthene	15.31	252	598249	39.458	nq #	96
89) Benzo(a)pyrene	15.68	252	603681	40.874	nq #	97
90) Dibenzo(a,h)anthracene	17.38	278	617794	50.555	nq #	93
91) Benzo(g,h,i)perylene	17.86	276	617085	51.282	nq #	88

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

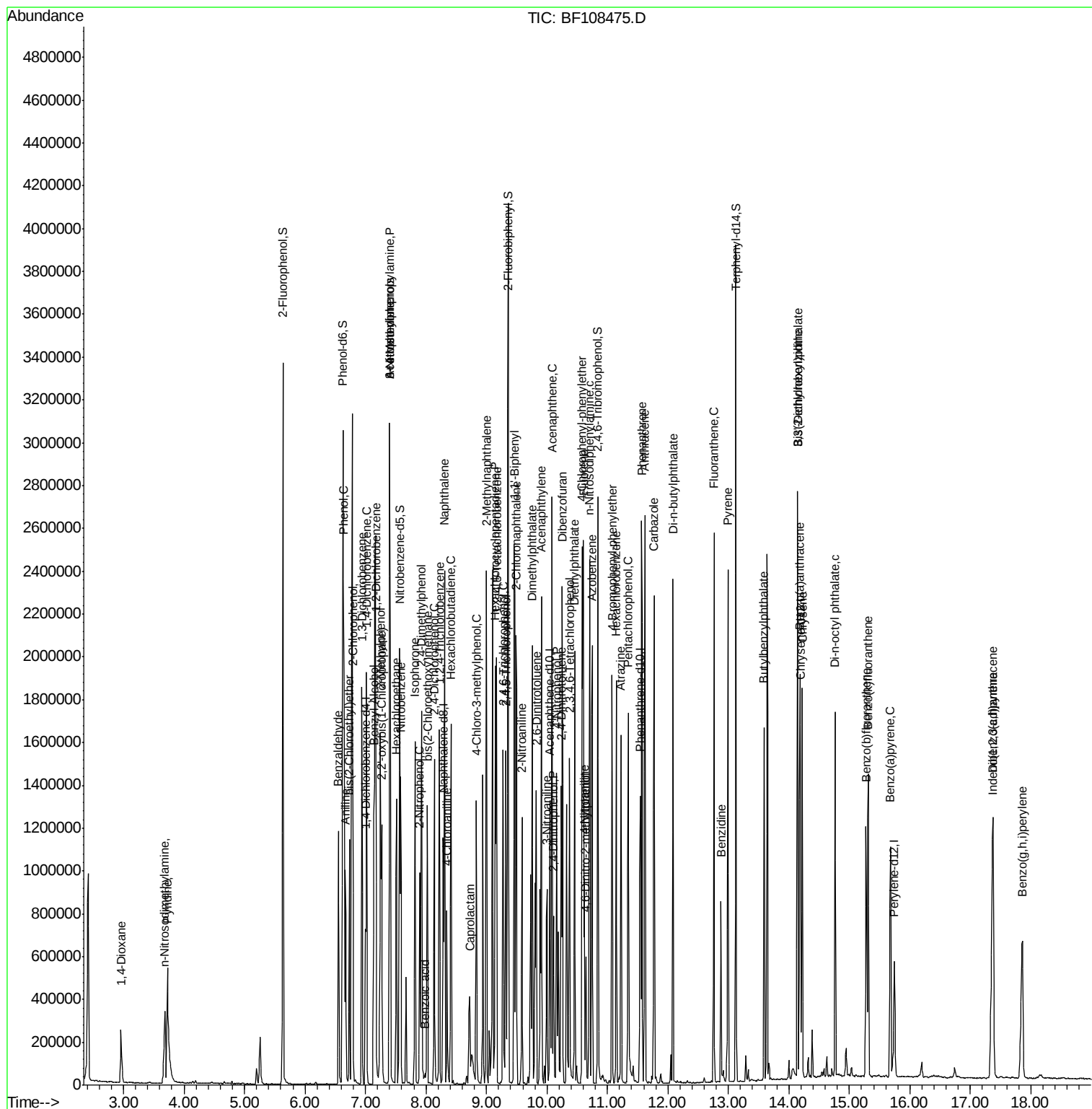
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#1

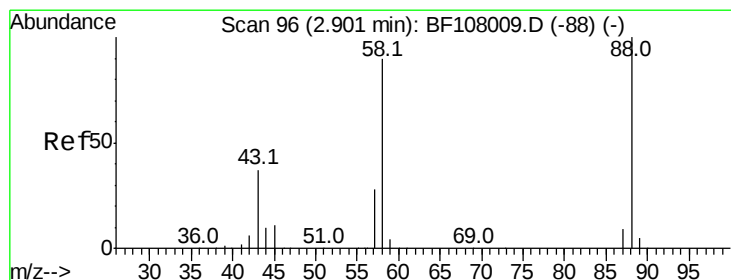
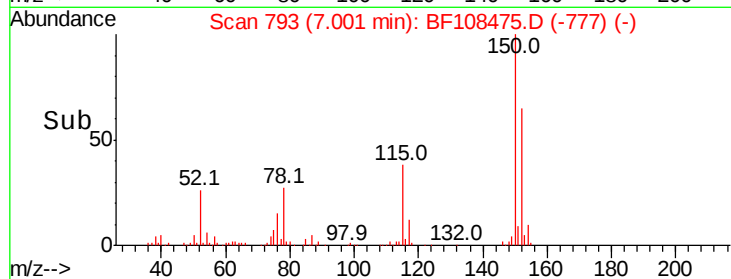
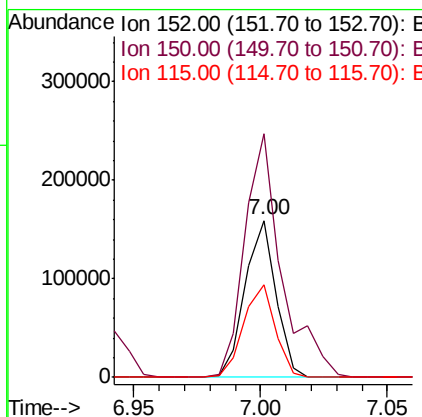
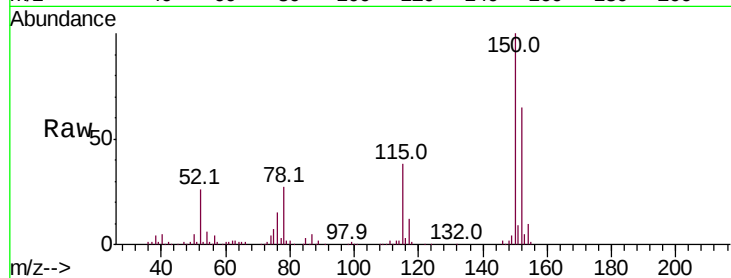
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.8	50.1	75.1

Manual Integrations
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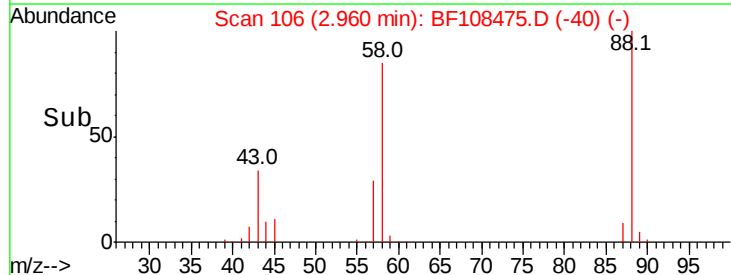
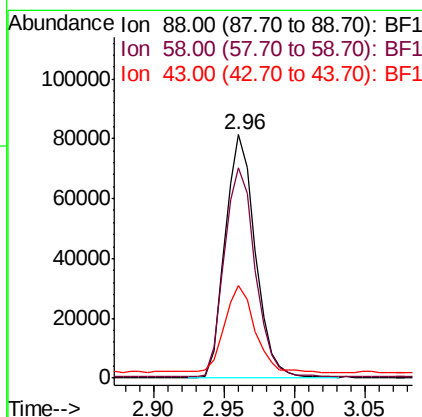
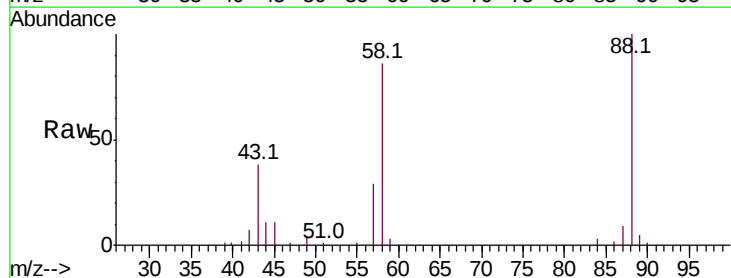
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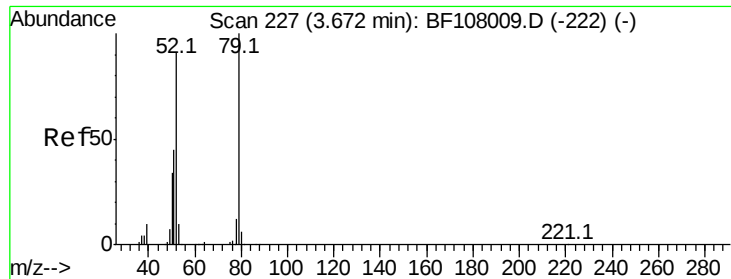


#2

1,4-Dioxane
Concen: 31.599 ng
RT: 2.96 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	62.6	93.8
43	36.3	24.6	37.0





#3

Pvridine

Concen: 34.274 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

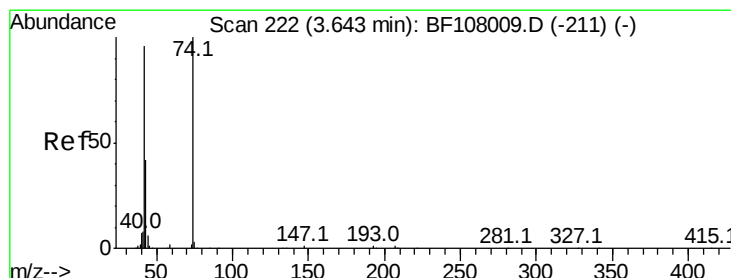
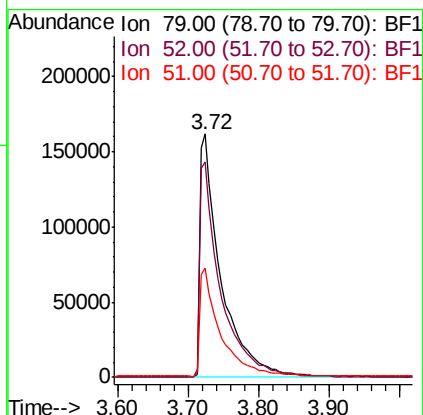
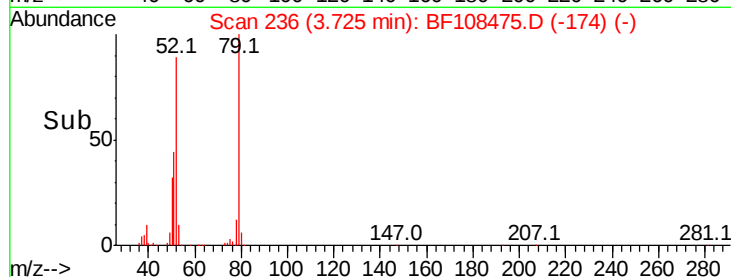
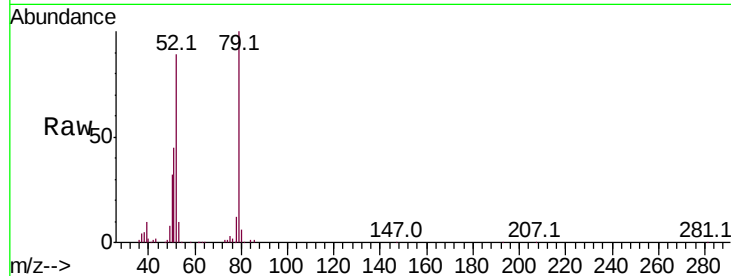
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	79	Resp:	339064
Ion Ratio	Lower	Upper	
79	100		
52	88.5	59.8	89.6
51	44.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.819 ng

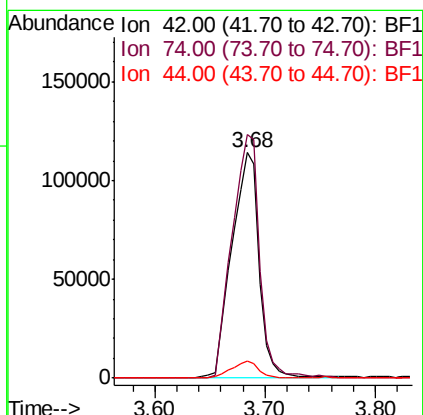
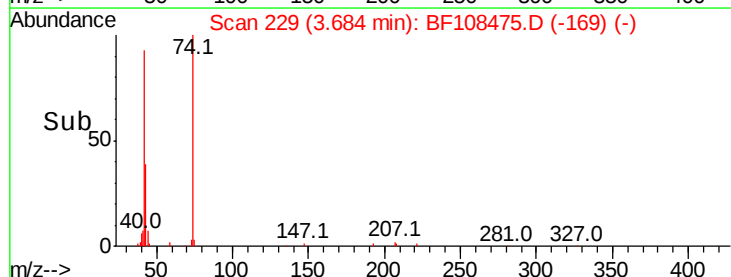
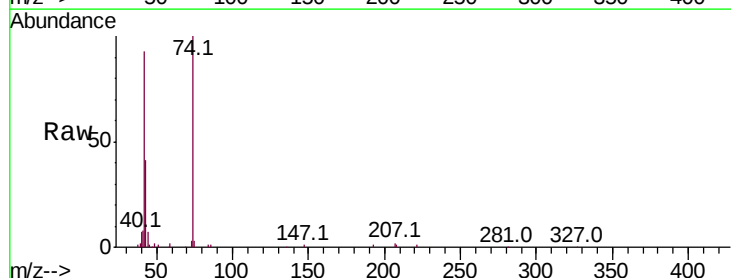
RT: 3.68 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	42	Resp:	199386
Ion Ratio	Lower	Upper	
42	100		
74	108.1	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 113.132 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

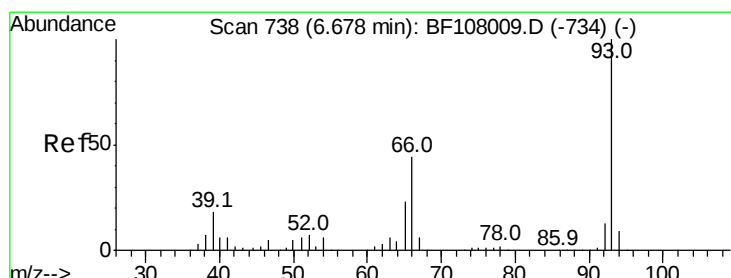
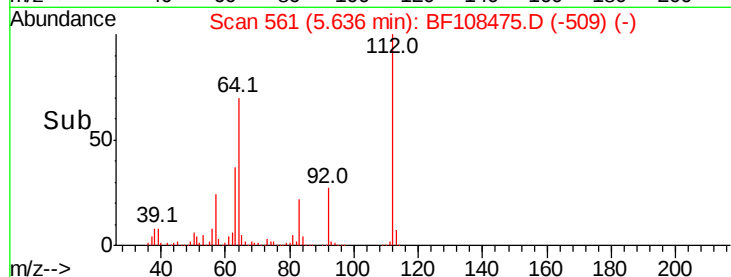
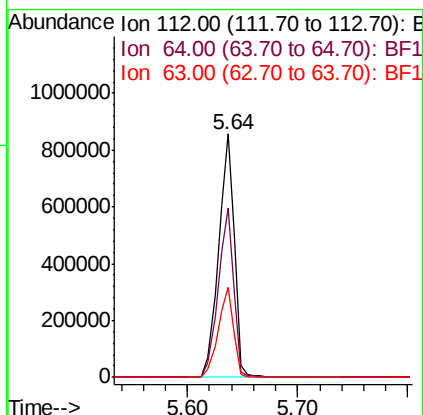
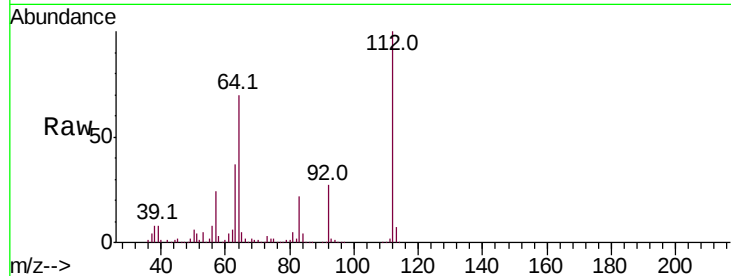
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	112	Resp:	845533
Ion Ratio	Lower	Upper	
112	100		
64	69.7	47.9	71.9
63	37.1	23.7	35.5#

Manual Integrations
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#6

Aniline

Concen: 31.710 ng

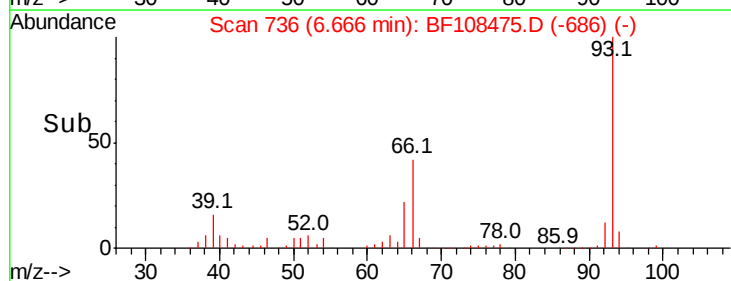
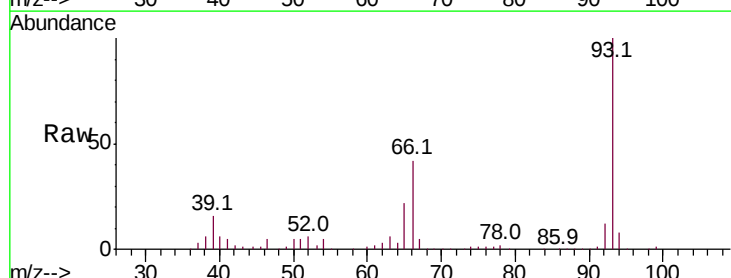
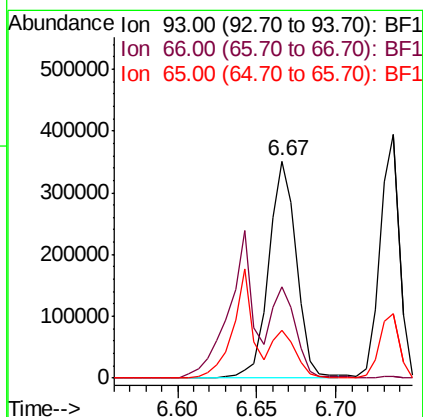
RT: 6.67 min Scan# 736

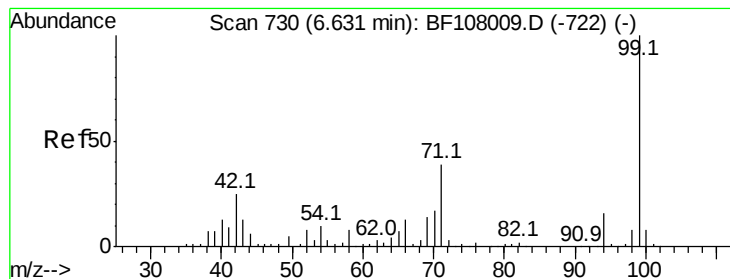
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	93	Resp:	428378
Ion Ratio	Lower	Upper	
93	100		
66	42.3	32.2	48.2
65	22.1	16.4	24.6





#7

Phenol-d6

Concen: 115.392 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C2MS

Tot Ion: 99 Resp: 1146049

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

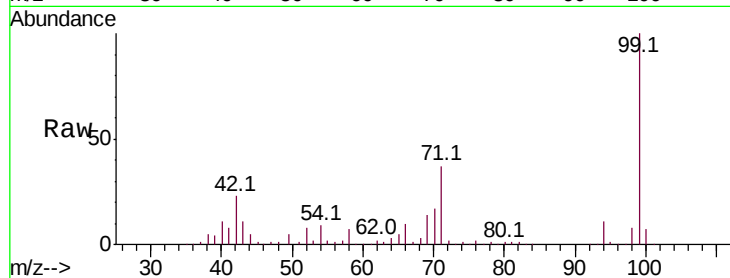
71 37.4 25.4 38.0

Manual Integrations

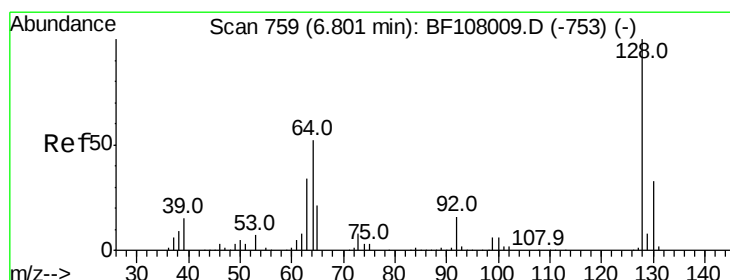
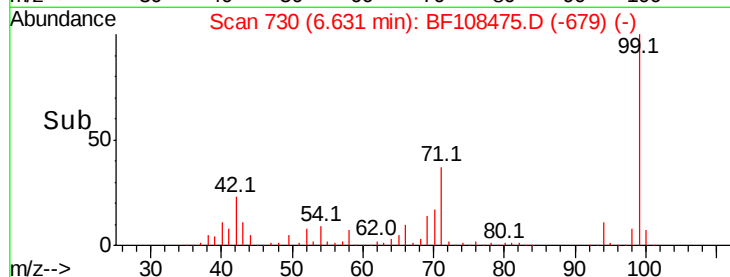
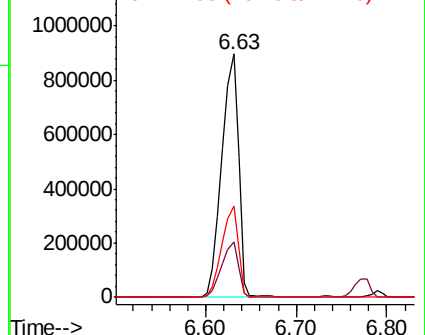
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.019 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

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Acq: 24 Aug 2018 20:41

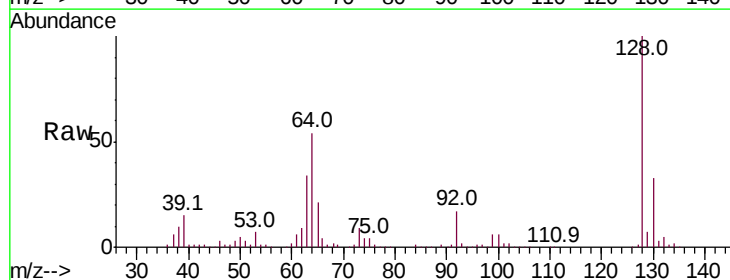
Tgt Ion:128 Resp: 345281

Ion Ratio Lower Upper

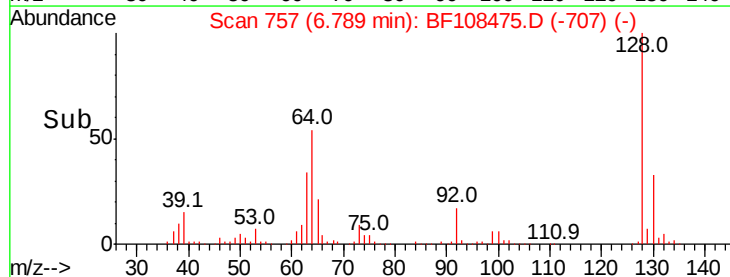
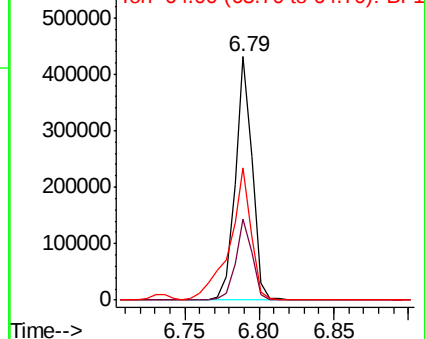
128 100

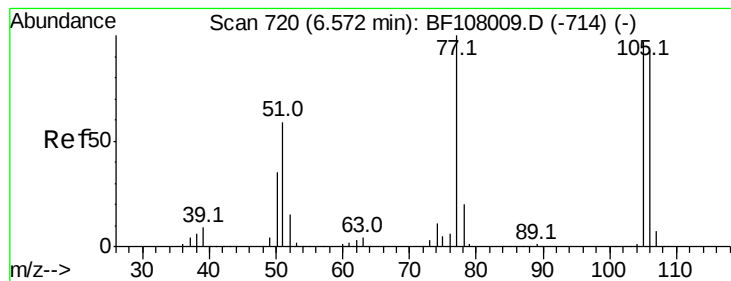
130 33.1 13.0 53.0

64 54.3 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: 28.702 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108475.D

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Instrument :

BNA_F

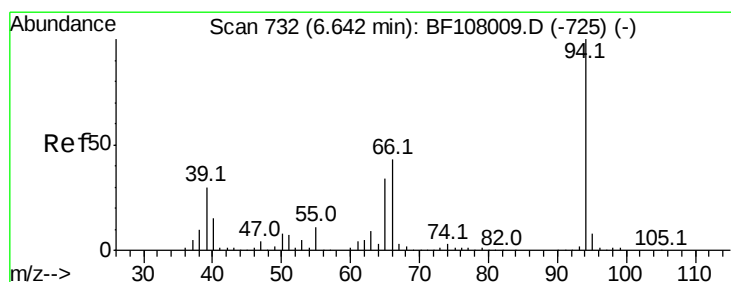
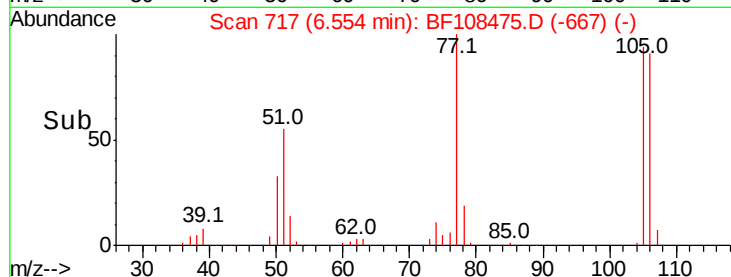
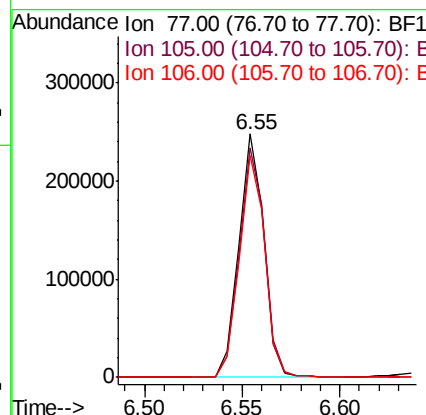
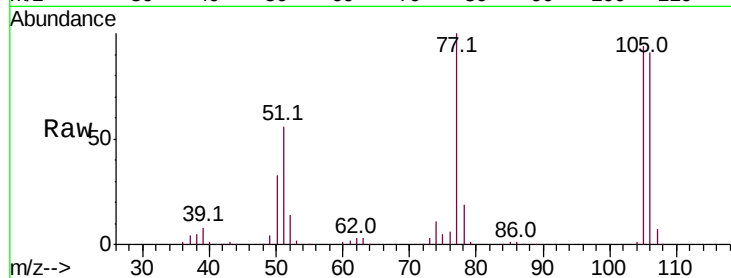
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	77	Resp:	221009
Ion	Ratio	Lower	Upper
77	100		
105	94.2	81.1	121.1
106	91.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.183 ng

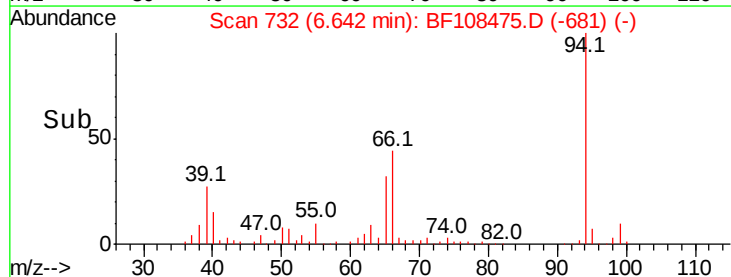
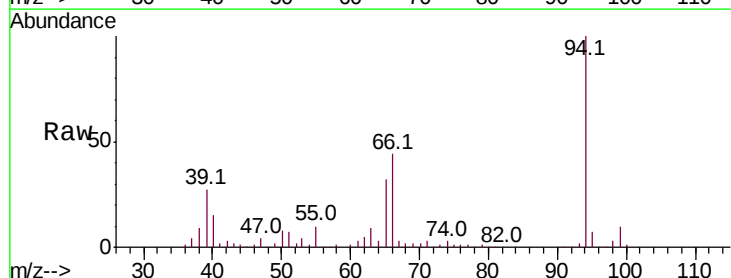
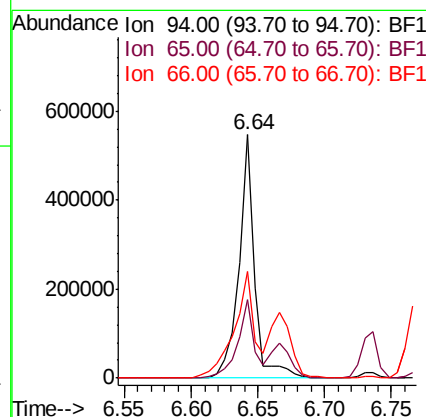
RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	94	Resp:	453906
Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	43.6	16.2	56.2





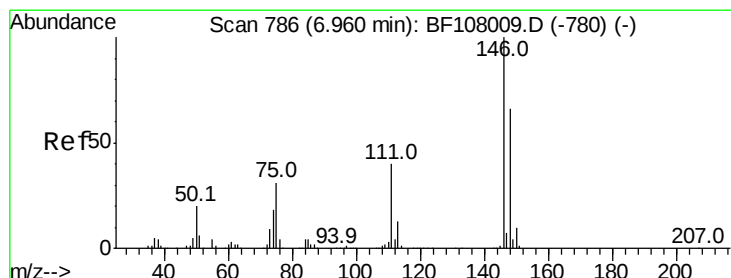
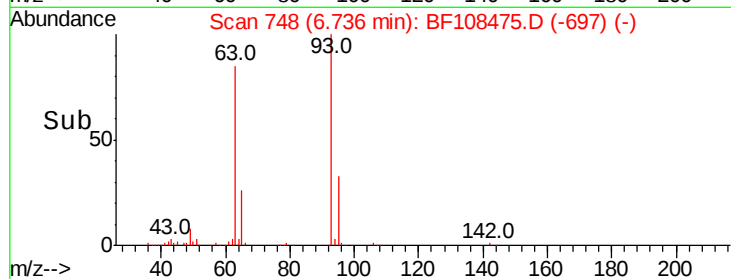
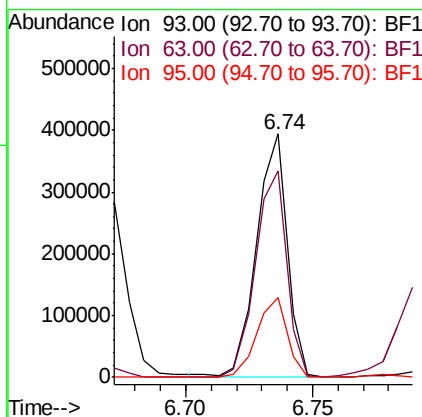
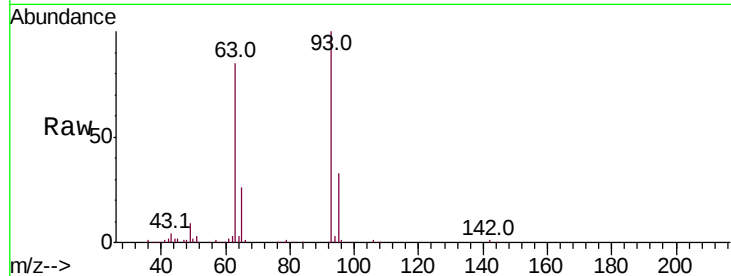
#11
bis(2-Chloroethyl)ether
Concen: 40.187 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	93	Resp	333770
Ion Ratio	100	Lower	Upper
63	84.8	58.6	98.6
95	32.8	11.8	51.8

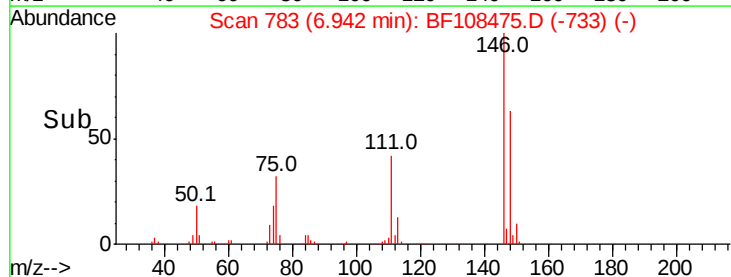
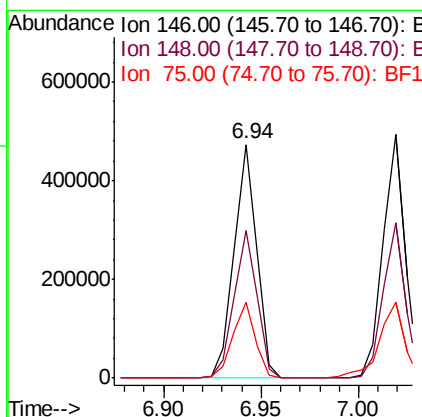
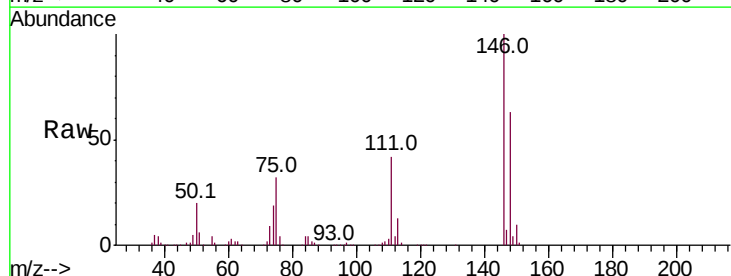
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 39.418 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	146	Resp	383653
Ion Ratio	100	Lower	Upper
148	63.4	51.8	77.8
75	32.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.558 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

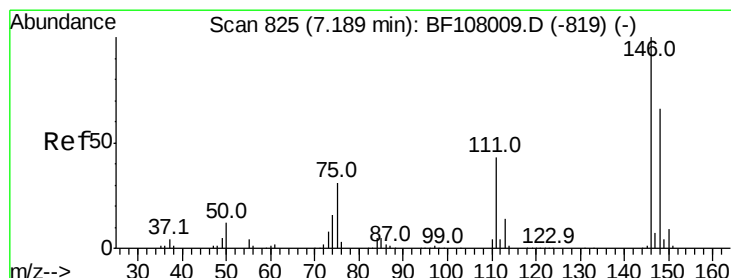
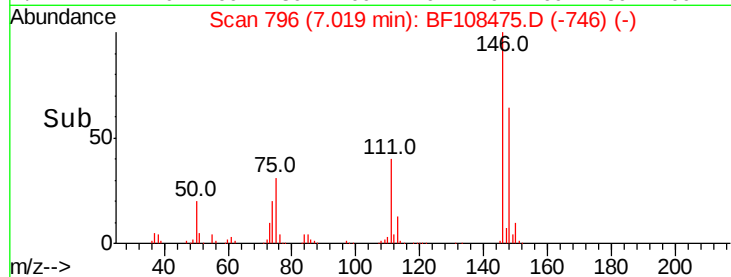
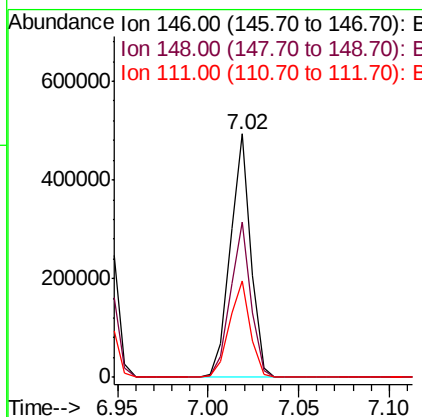
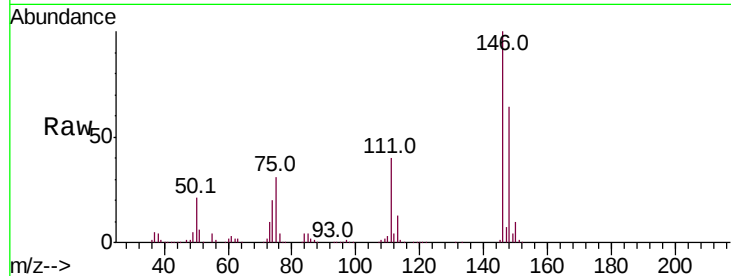
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	146	Resp:	386837
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	39.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.093 ng

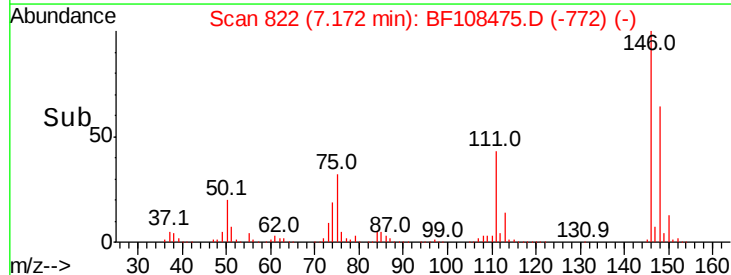
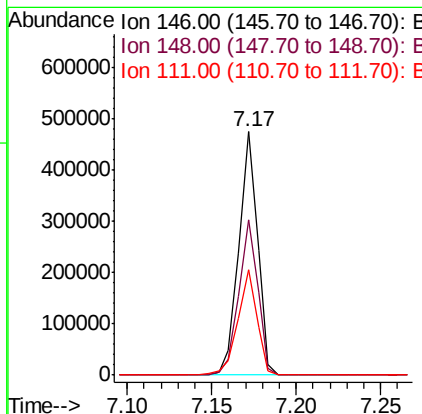
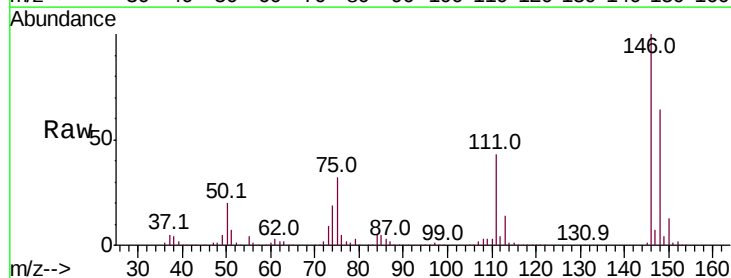
RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	146	Resp:	364686
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.790 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

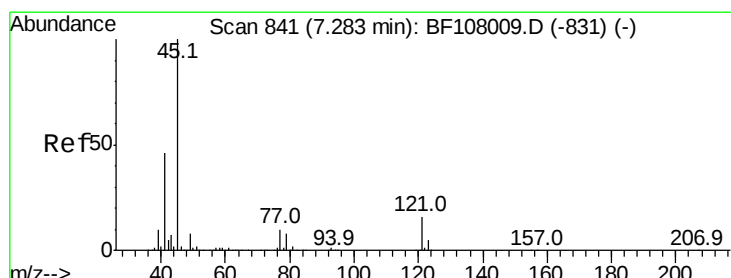
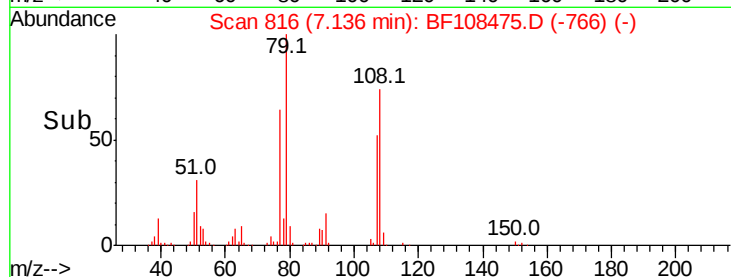
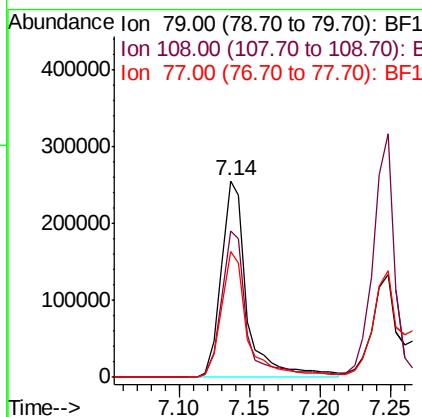
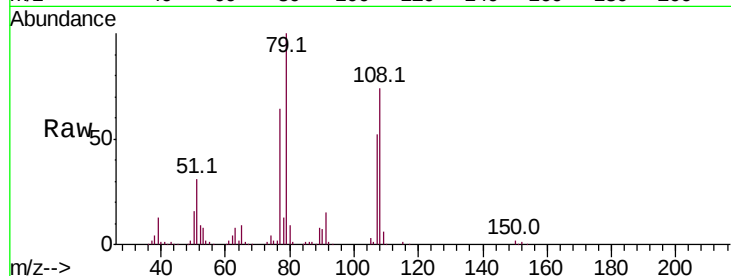
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	79	Resp:	324325
Ion	Ratio	Lower	Upper
79	100		
108	74.2	65.1	97.7
77	64.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.295 ng

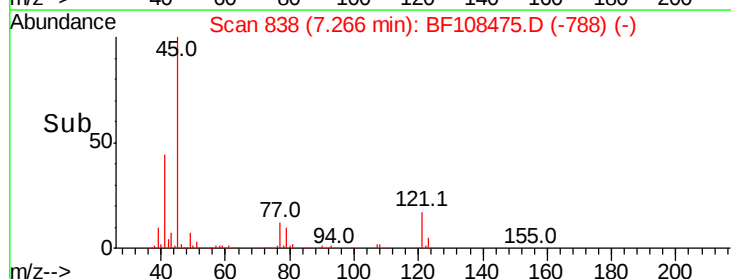
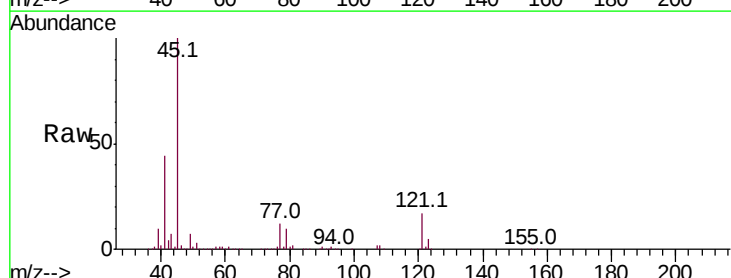
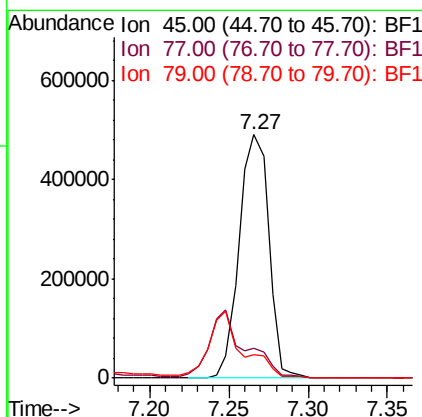
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	45	Resp:	638112
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	9.5	0.0	29.6





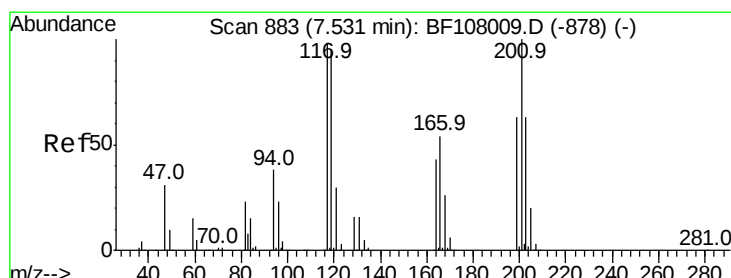
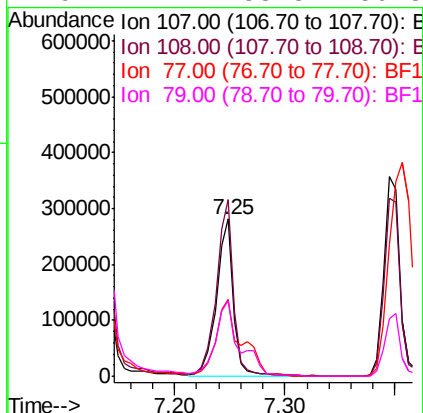
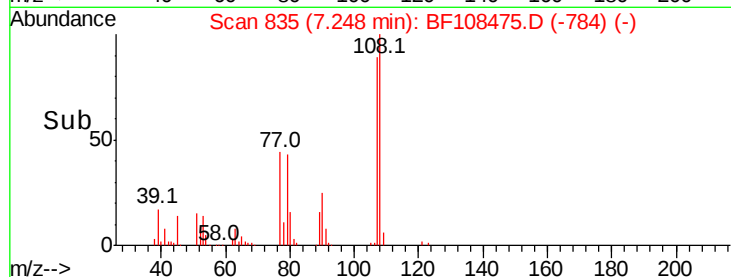
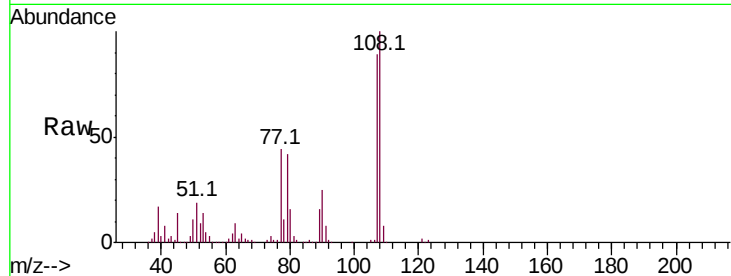
#17
2-Methylphenol
Concen: 41.244 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	297725		
108	112.7	91.7	137.5	
77	49.1	33.8	50.8	
79	47.7	33.8	50.8	

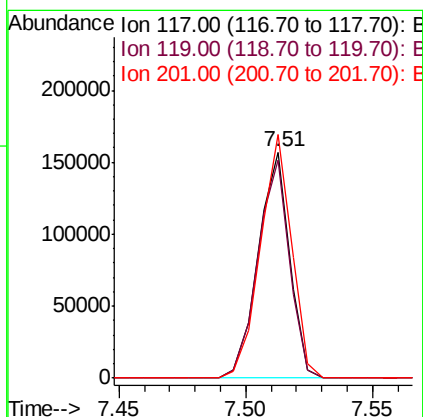
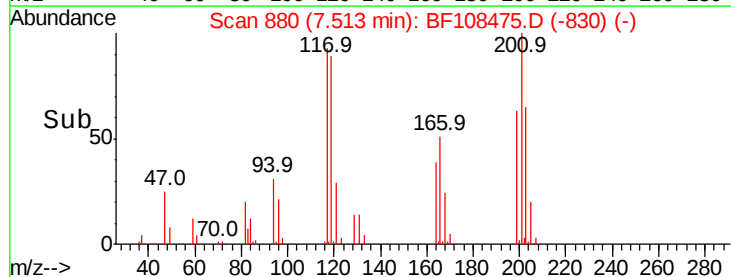
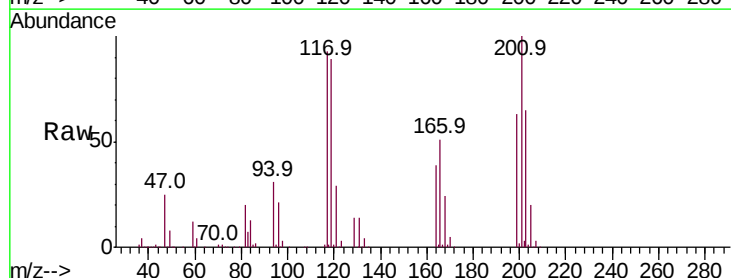
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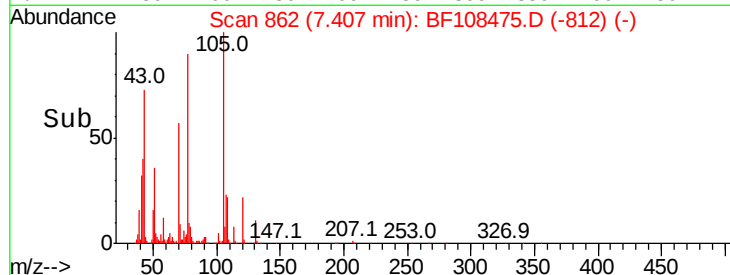
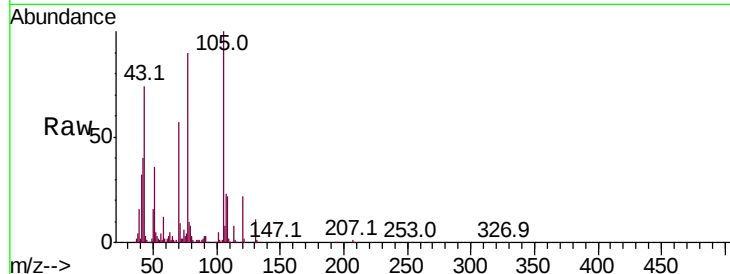
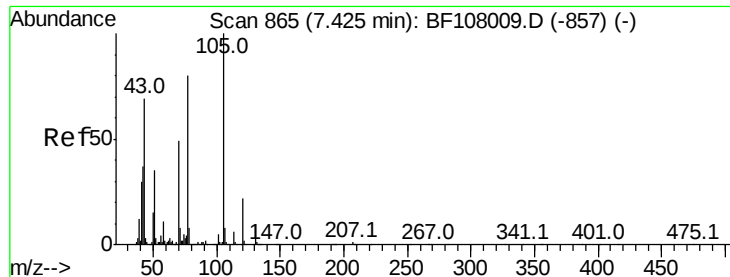
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#18
Hexachloroethane
Concen: 39.215 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136523		
119	96.3	75.8	113.8	
201	107.7	75.7	113.5	





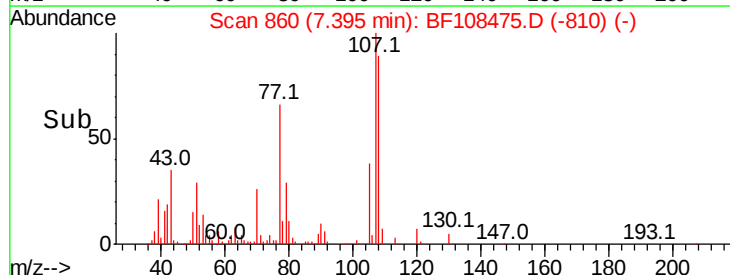
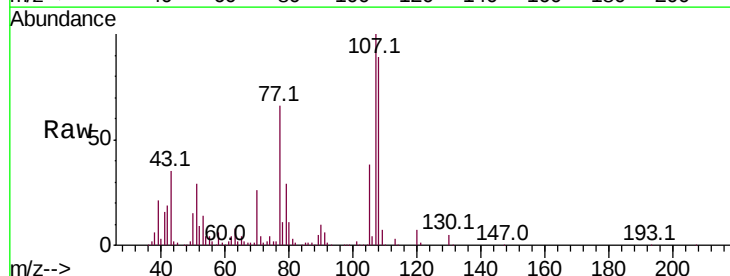
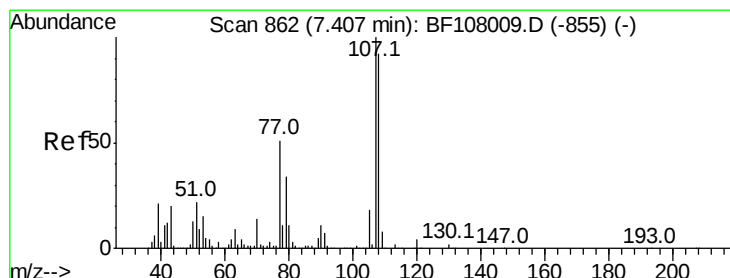
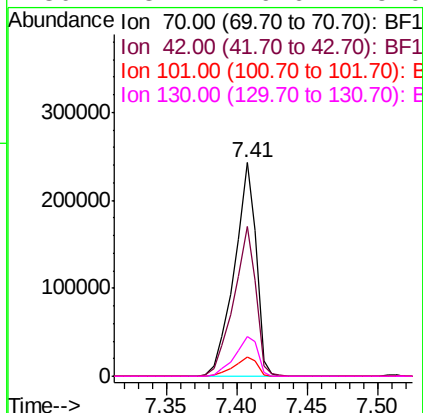
#19
n-Nitroso-di-n-propylamine
Concen: 38.845 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

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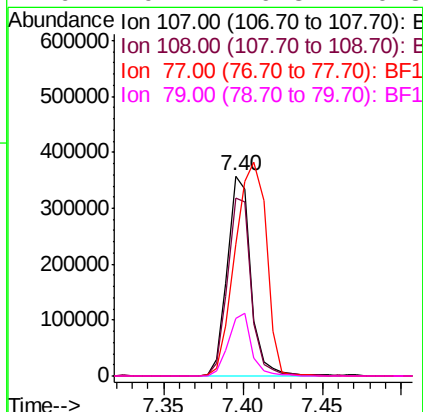
Sohil
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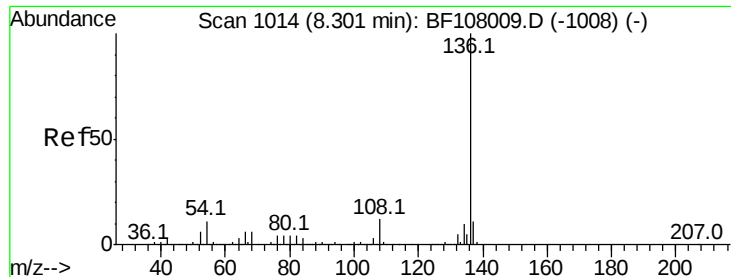
Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	47.5	71.3
101	9.2	7.4	11.2
130	18.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.718 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	66.1	26.7	66.7
79	29.1	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: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

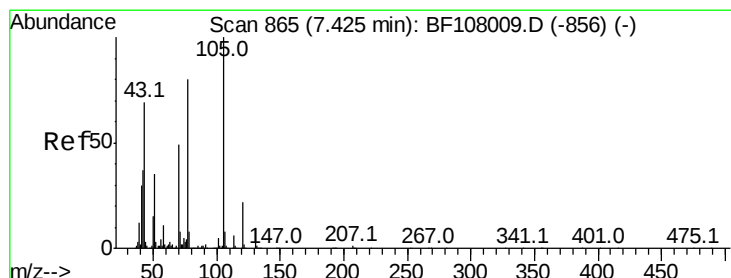
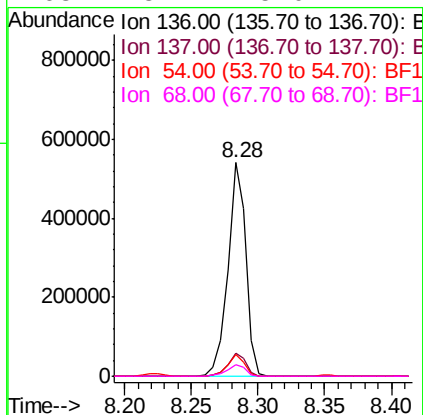
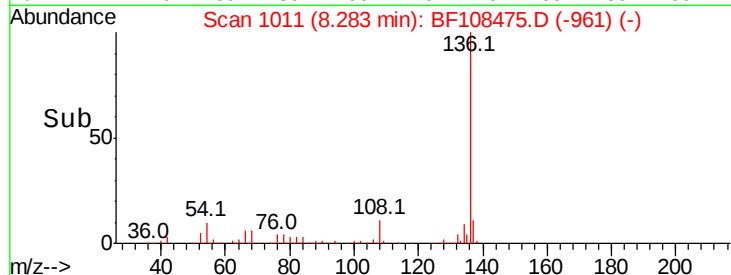
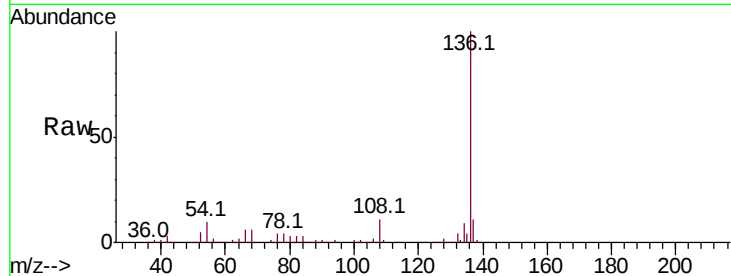
ClientSampleId :

EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	511931		
137	10.9	8.9	13.3	
54	10.1	6.6	9.8#	
68	5.7	5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 41.500 ng

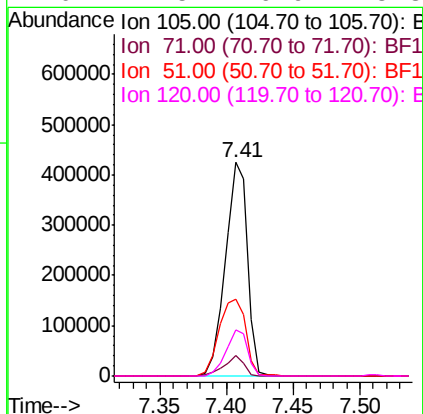
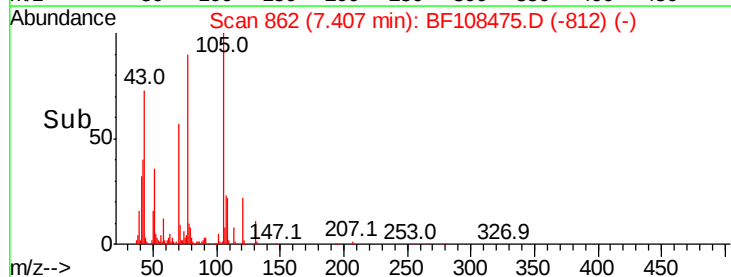
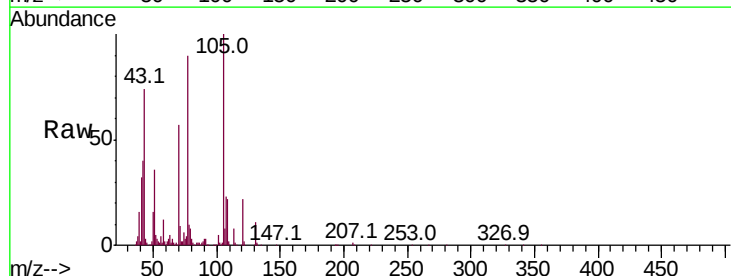
RT: 7.41 min Scan# 862

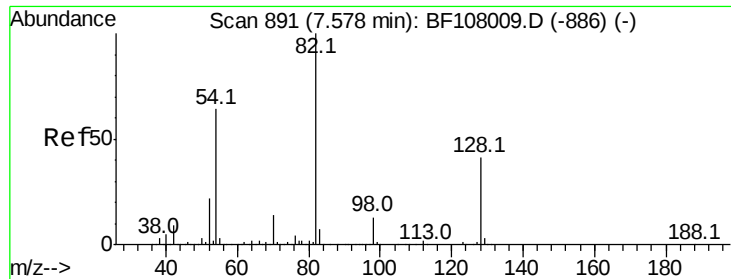
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496770		
71	9.4	4.4	6.6#	
51	35.9	22.3	33.5#	
120	21.5	16.9	25.3	





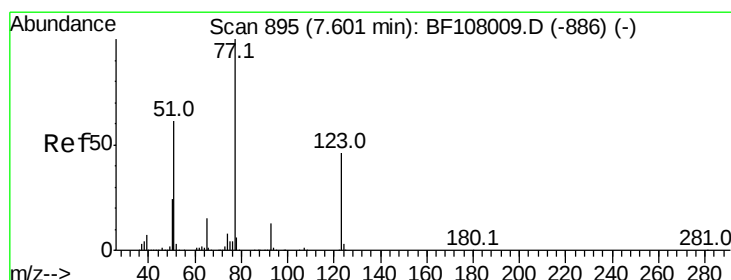
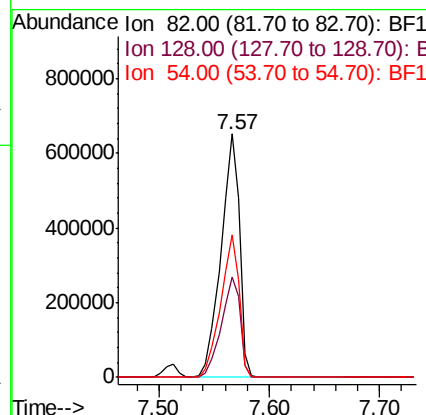
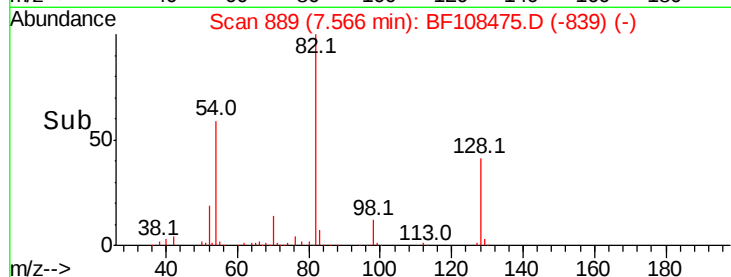
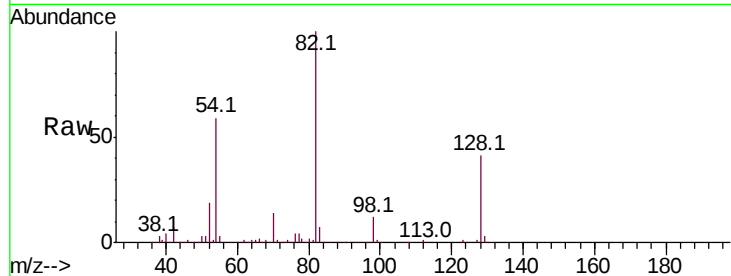
#23
Nitrobenzene-d5
Concen: 82.317 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	755185		
128	41.3	36.1	54.1	
54	58.8	41.4	62.2	

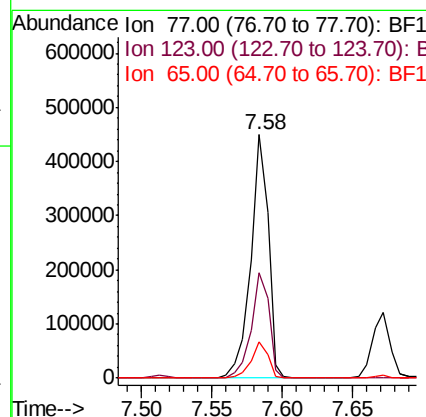
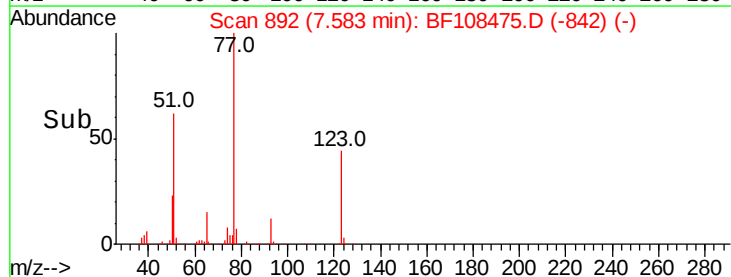
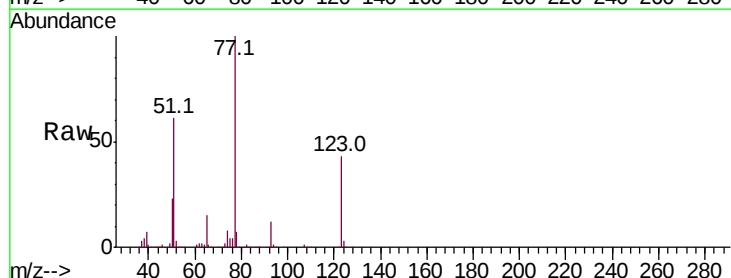
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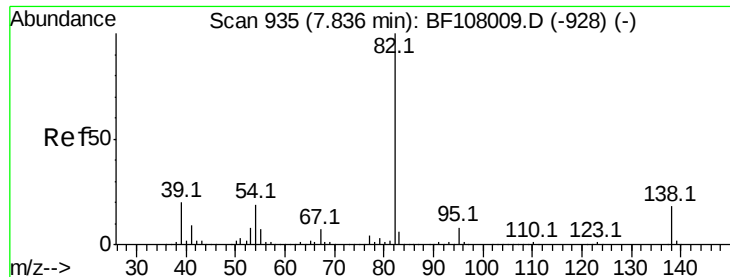
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#24
Nitrobenzene
Concen: 42.310 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	392508		
123	43.5	37.9	56.9	
65	15.0	11.0	16.4	





#25

Isophorone

Concen: 40.729 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

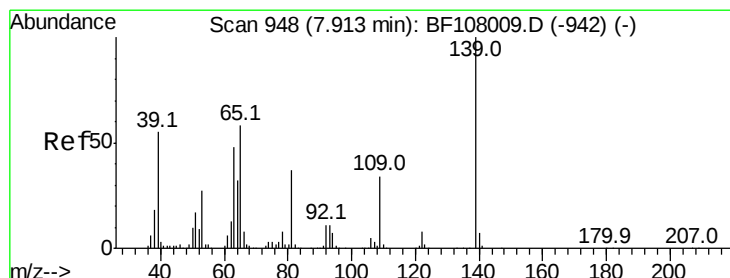
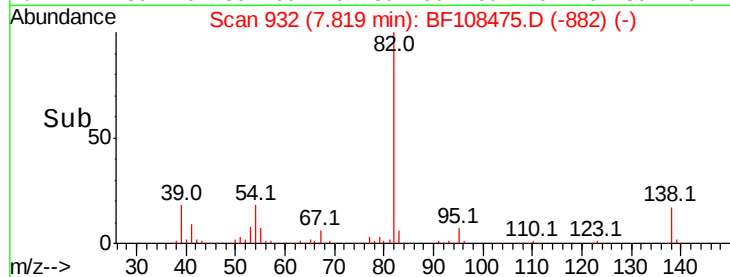
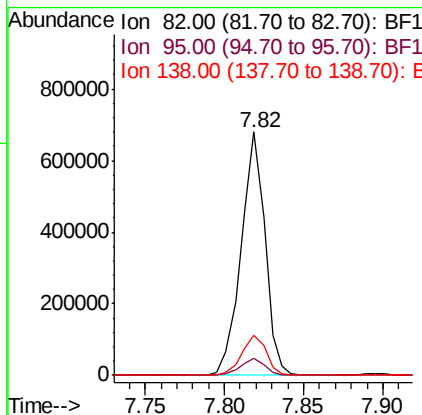
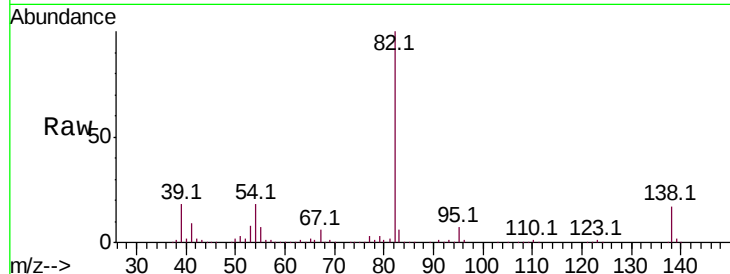
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	82	Resp:	712204
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.985 ng

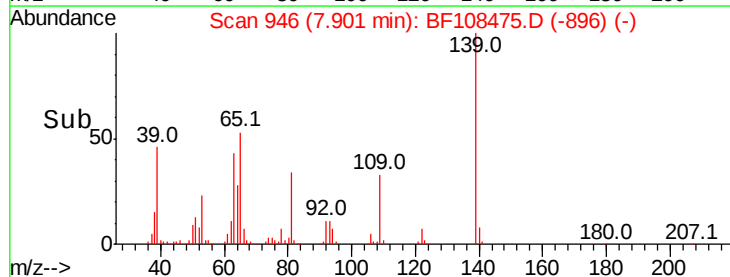
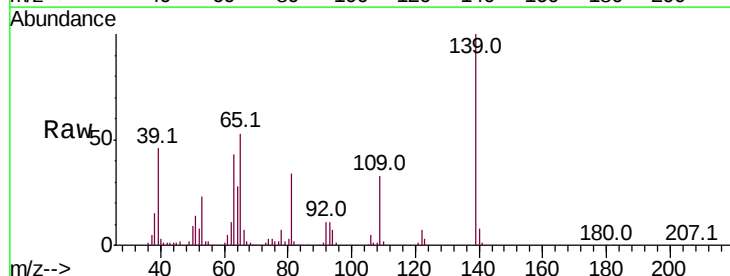
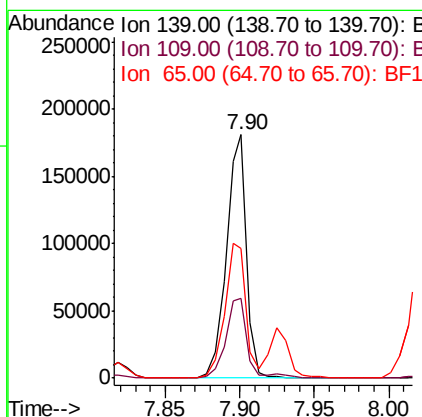
RT: 7.90 min Scan# 946

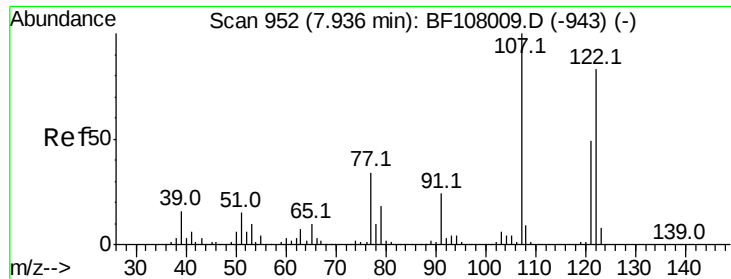
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	139	Resp:	171615
Ion Ratio	Lower	Upper	
139	100		
109	33.0	22.7	34.1
65	53.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 40.894 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

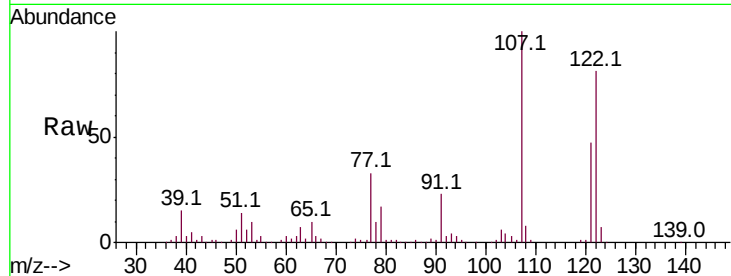
ClientSampleId :

EP1-Q3-C2MS

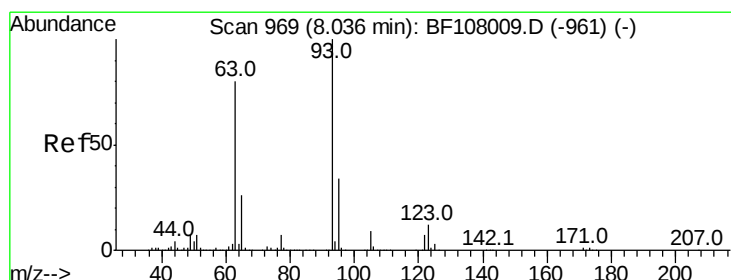
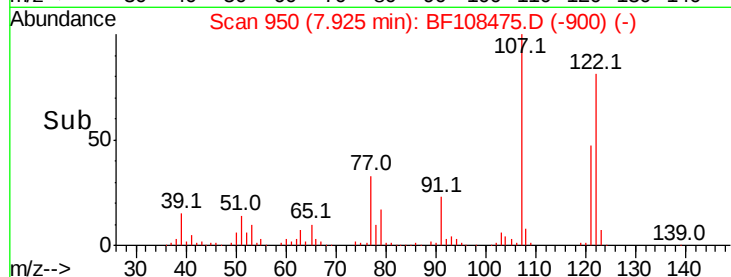
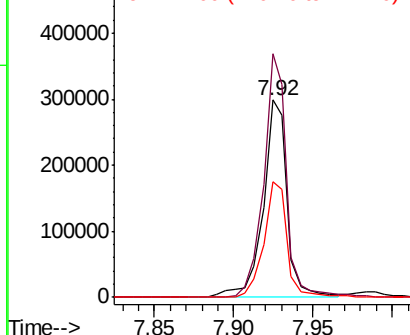
Tot Ion:	122	Resp:	317378
Ion Ratio	Lower	Upper	
122	100		
107	123.3	91.2	136.8
121	58.4	47.2	70.8

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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: 41.984 ng

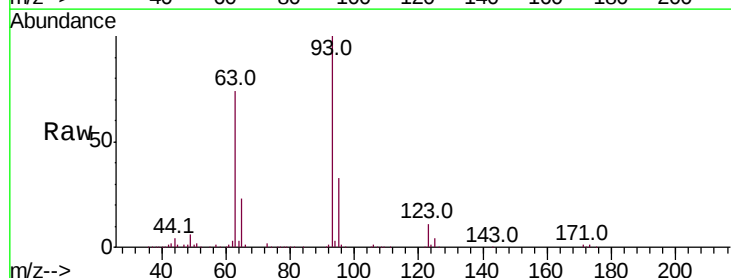
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

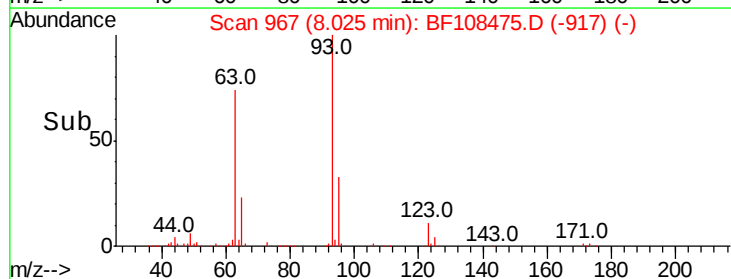
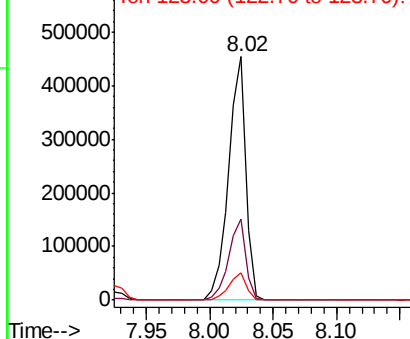
Lab File: BF108475.D

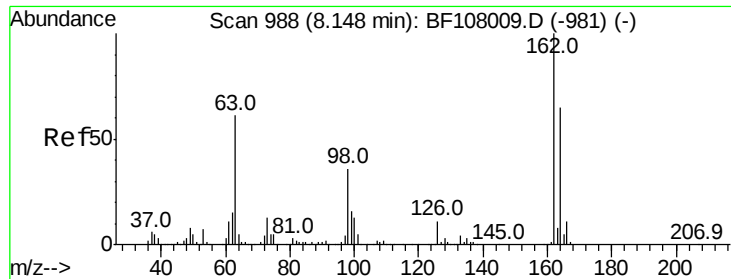
Acq: 24 Aug 2018 20:41

Tgt Ion:	93	Resp:	428578
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.1	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: 43.328 ng

RT: 8.14 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

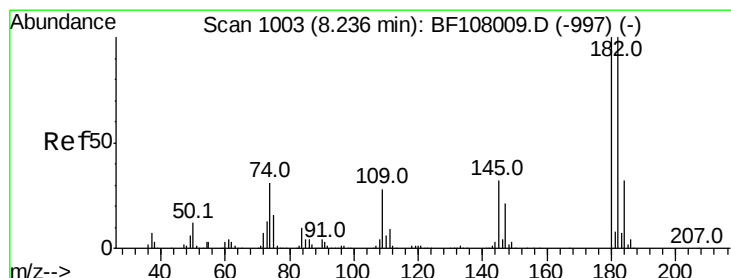
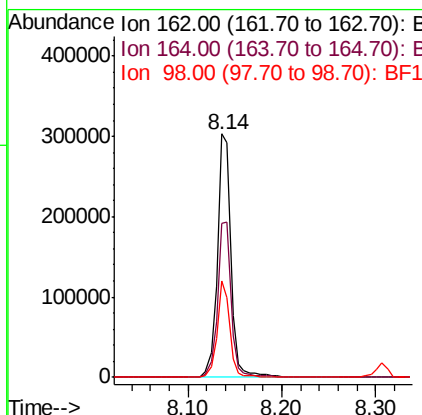
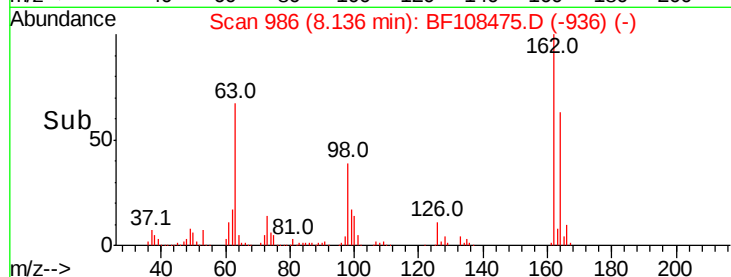
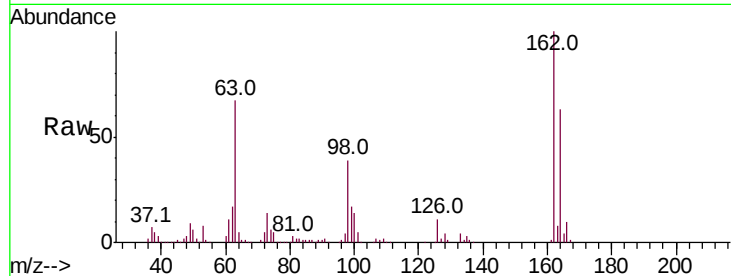
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	162	Resp:	309454
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.7	82.7
98	39.5	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 41.155 ng

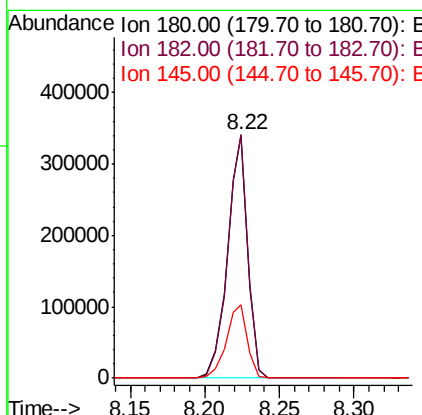
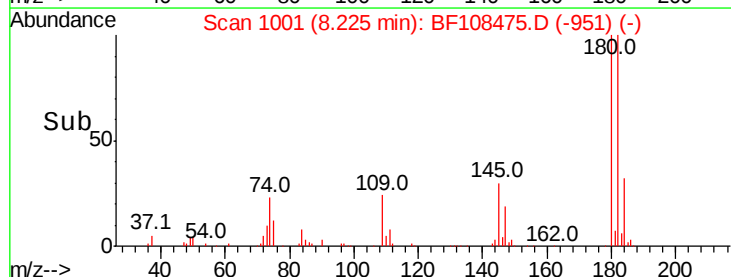
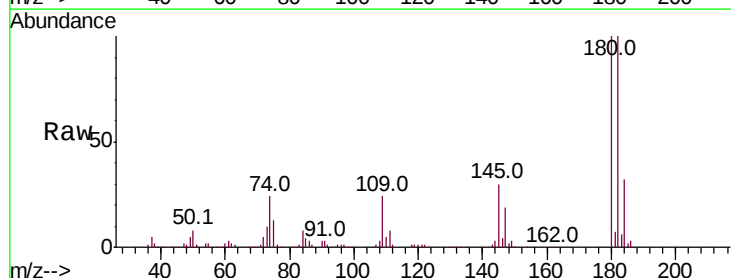
RT: 8.22 min Scan# 1001

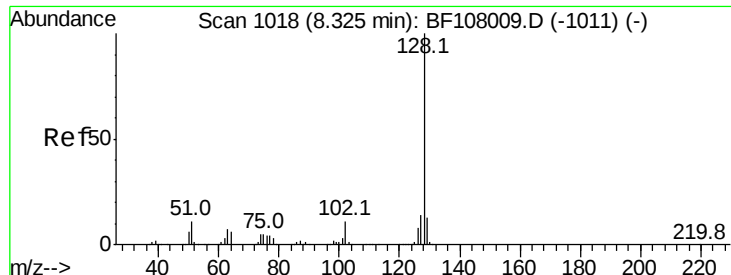
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	180	Resp:	324074
Ion Ratio	Lower	Upper	
180	100		
182	100.5	76.8	115.2
145	30.5	26.5	39.7





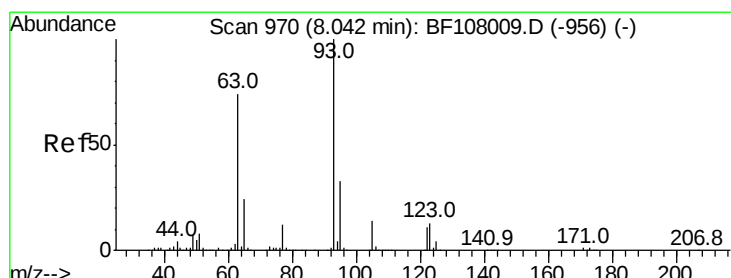
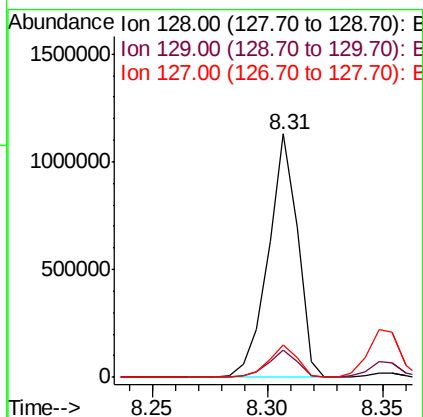
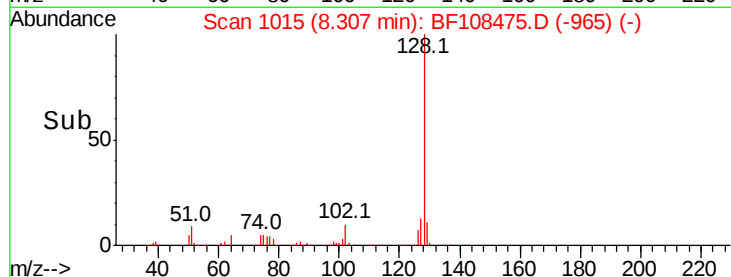
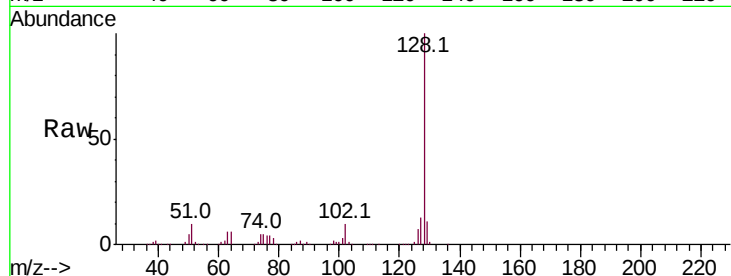
#31
Naphthalene
Concen: 42.831 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	997162		
129	11.3	8.8	13.2	
127	13.1	10.9	16.3	

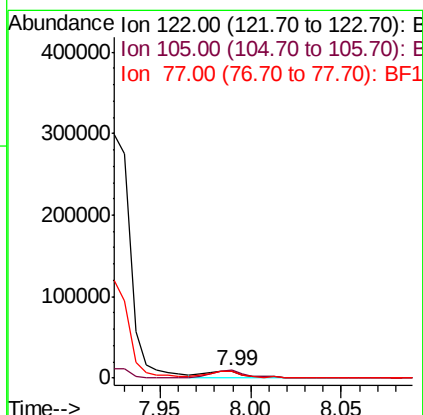
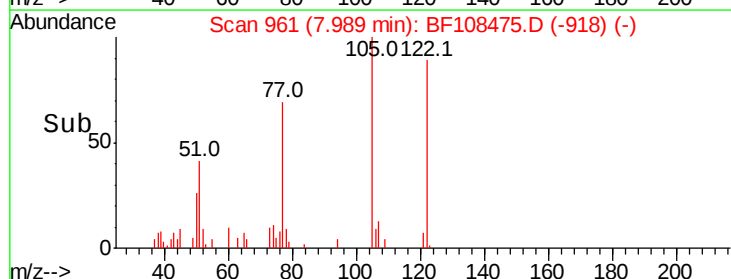
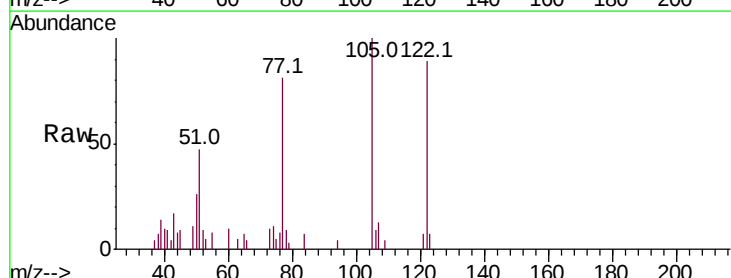
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#32
Benzoic acid
Concen: 8.459 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	12779		
105	112.3	101.1	141.1	
77	91.1	70.7	110.7	





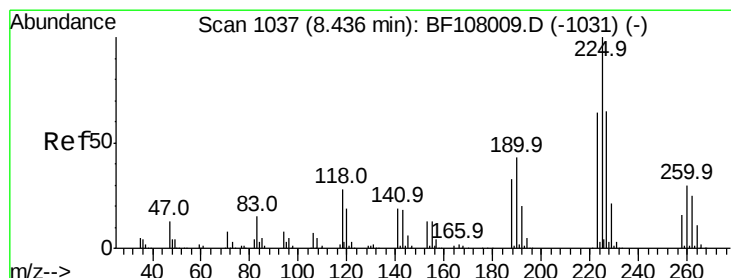
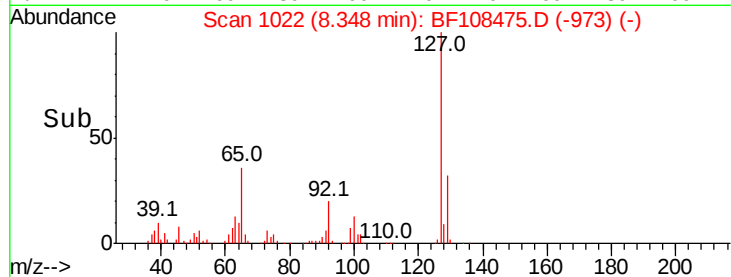
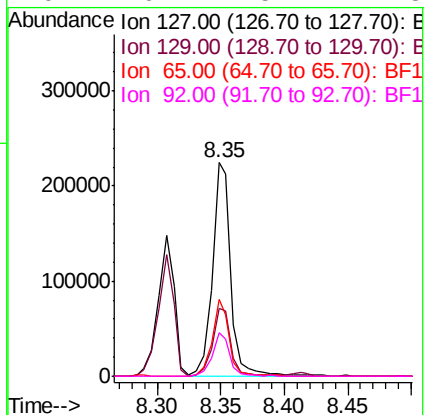
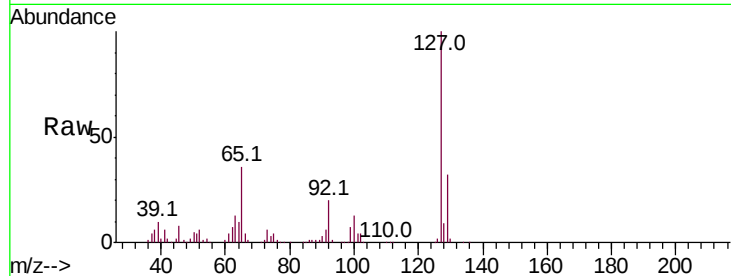
#33
4-Chloroaniline
Concen: 22.420 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	36.2	25.0	37.4	
92	20.1	15.2	22.8	

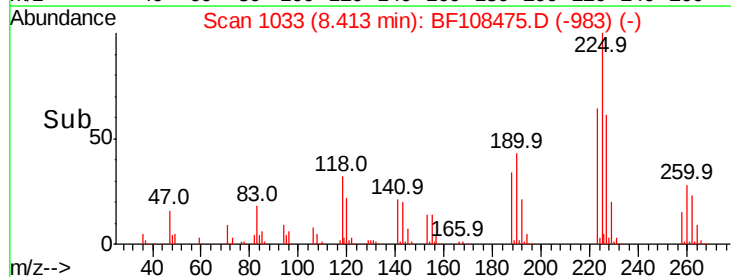
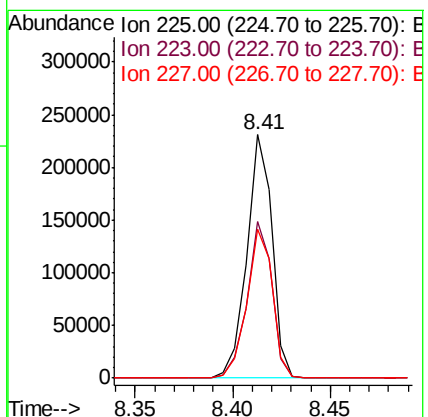
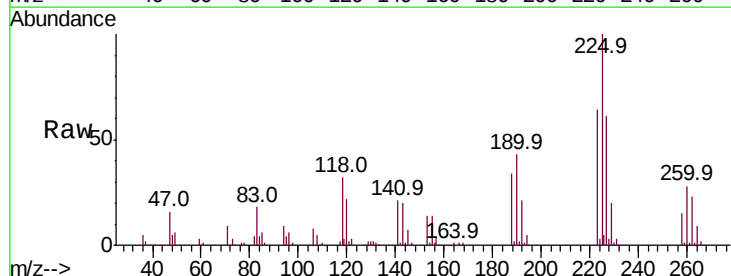
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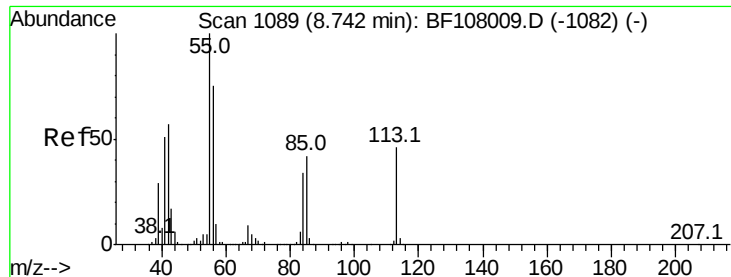
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#34
Hexachlorobutadiene
Concen: 41.309 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	50.6	76.0	
227	61.3	51.9	77.9	





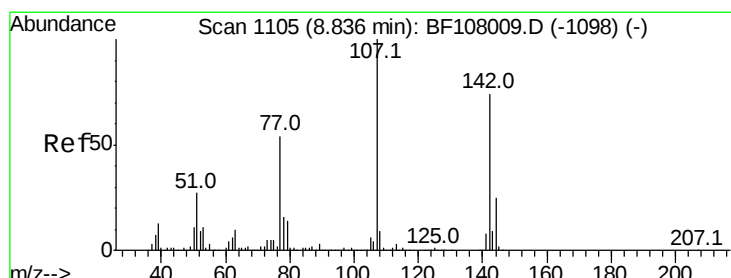
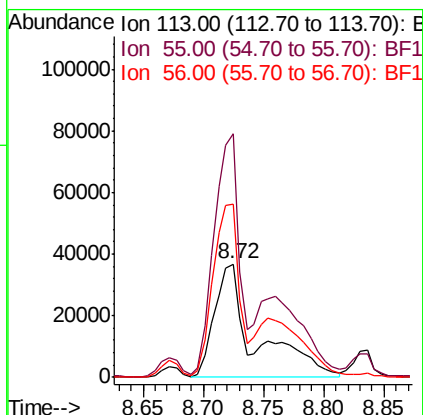
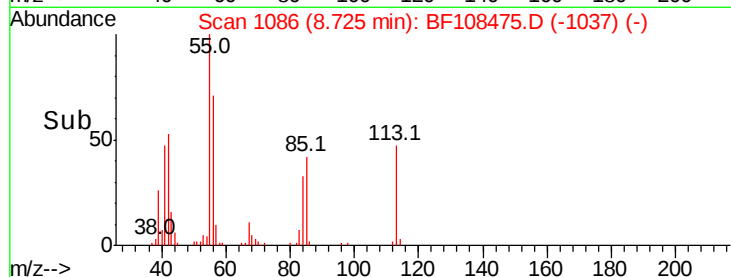
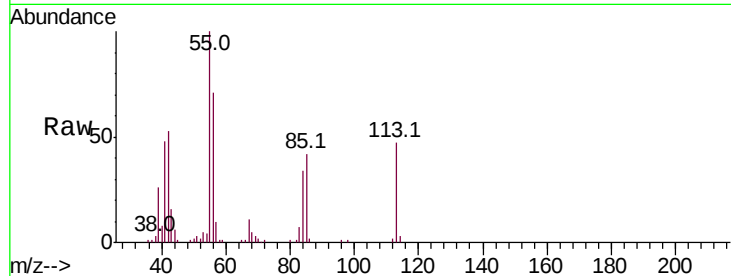
#35
 Caprolactam
 Concen: 38.789 ng/ml
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleID :
 EP1-Q3-C2MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	214.9	163.3	203.3	
56	153.0	115.7	155.7	

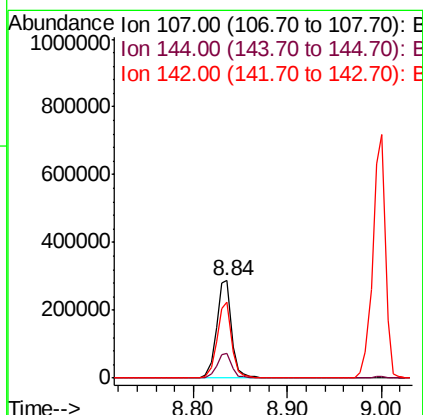
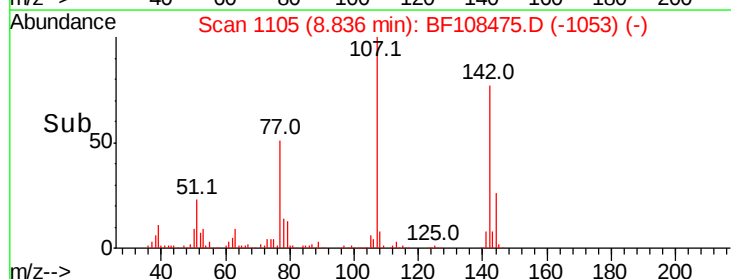
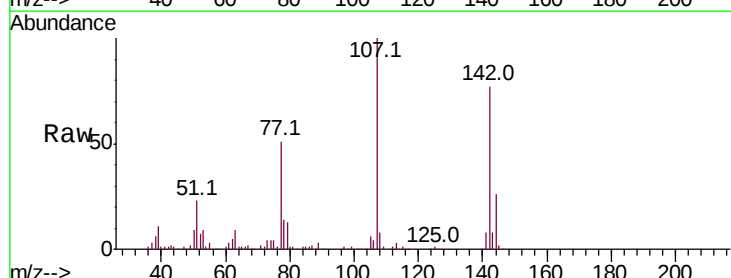
Manual Integrations
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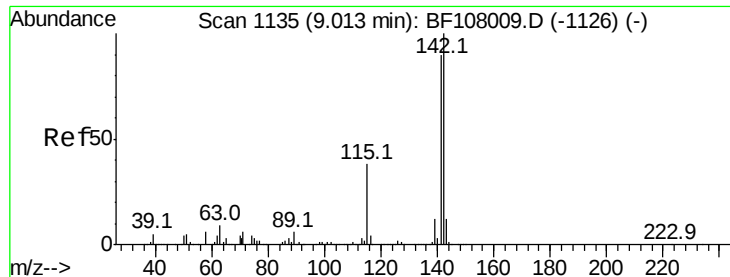
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#36
 4-Chloro-3-methylphenol
 Concen: 42.164 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.7	20.5	30.7	
142	77.5	62.0	93.0	





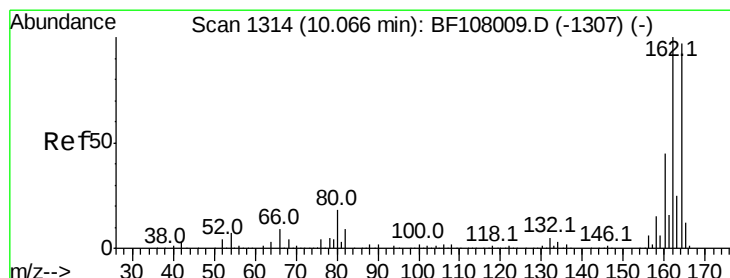
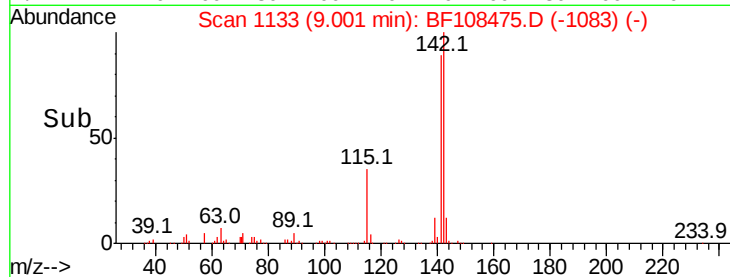
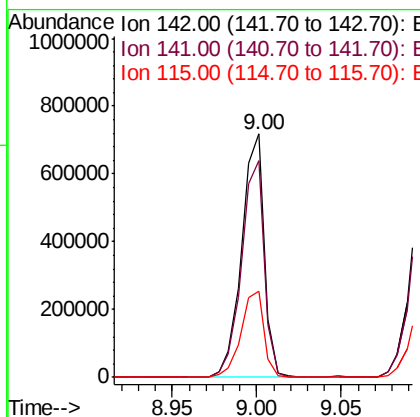
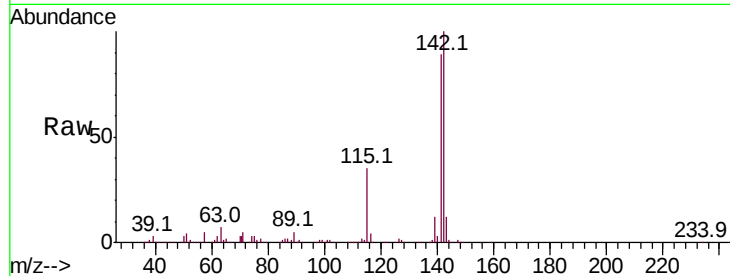
#37
2-Methylnaphthalene
Concen: 40.641 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	35.3	26.1	39.1

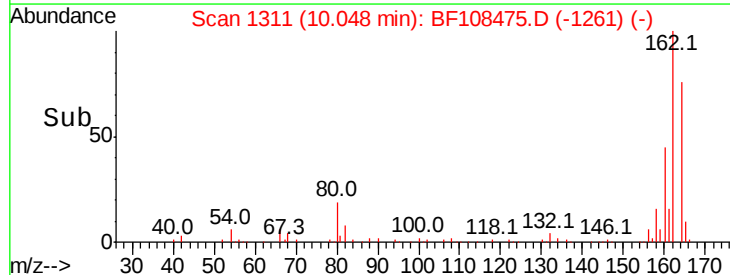
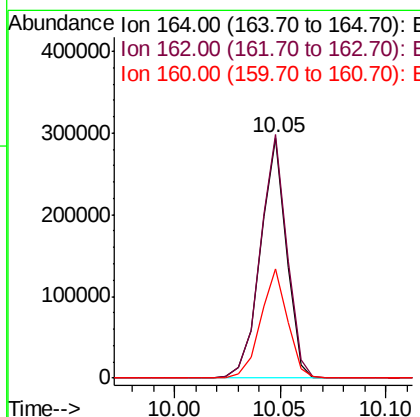
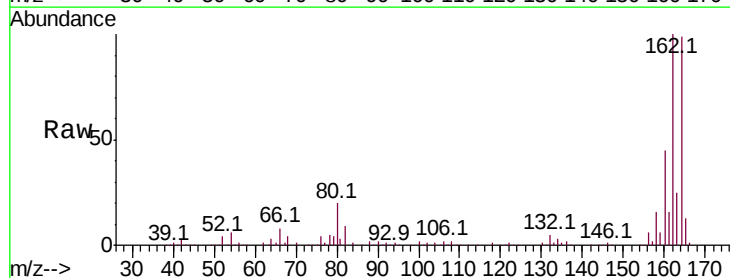
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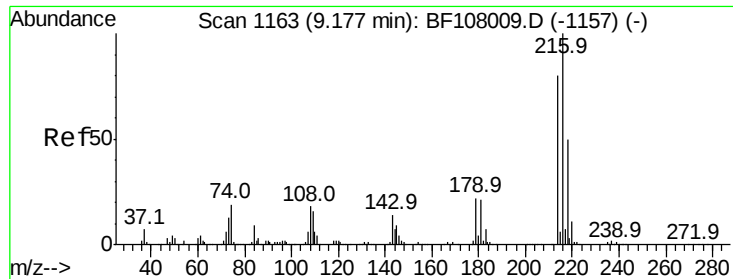
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.7	38.3	57.5





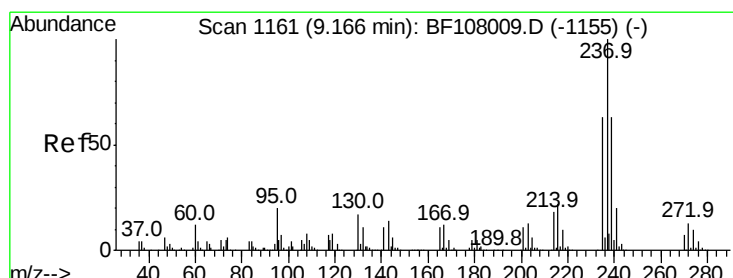
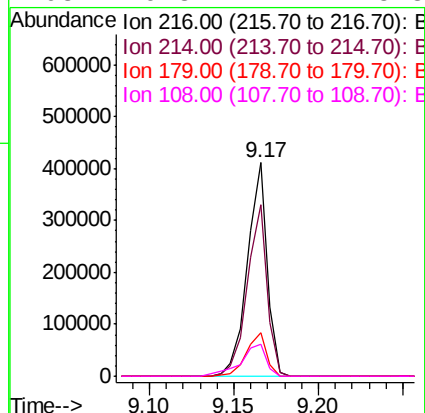
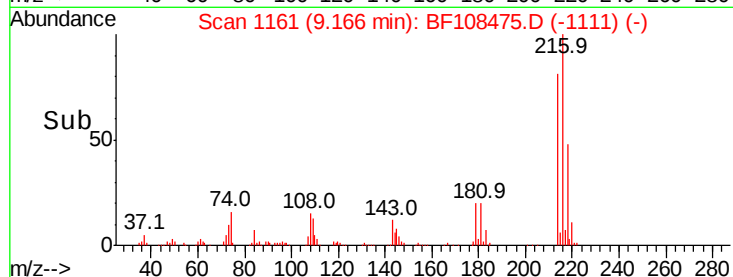
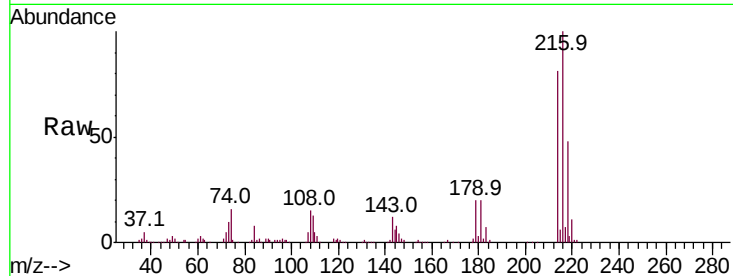
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.508 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	339201		
214	80.4	63.0	94.4	
179	20.8	18.1	27.1	
108	19.3	17.2	25.8	

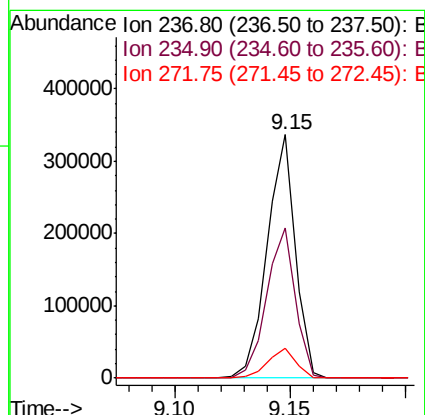
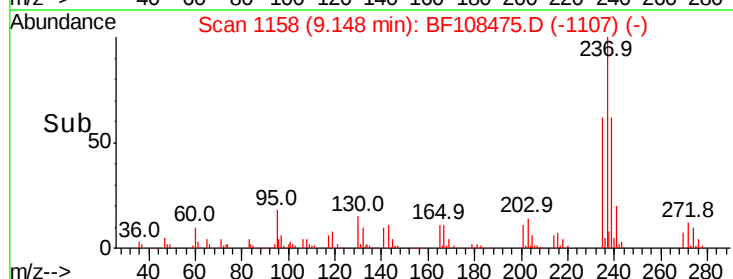
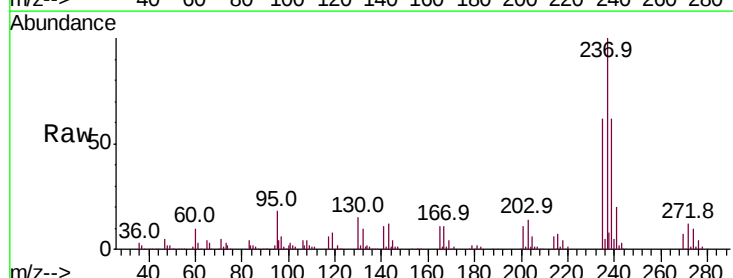
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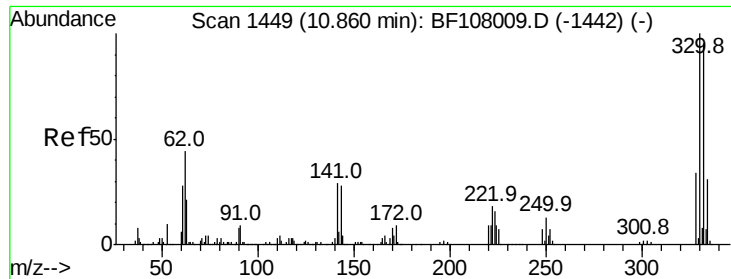
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#40
 Hexachlorocyclopentadiene
 Concen: 56.799 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	286023		
235	61.7	44.8	84.8	
272	12.3	0.0	33.3	





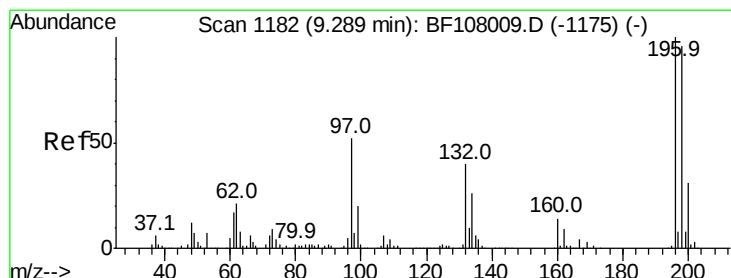
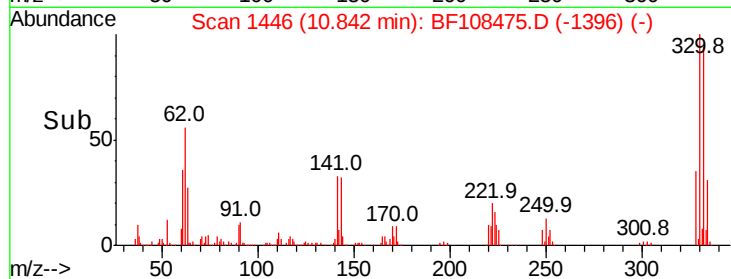
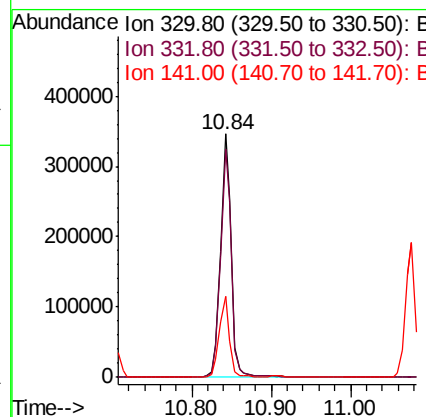
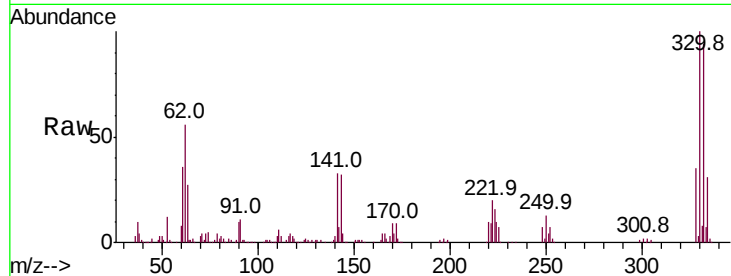
#41
 2,4,6-Tribromophenol
 Concen: 129.184 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	32.1	29.9	44.9	

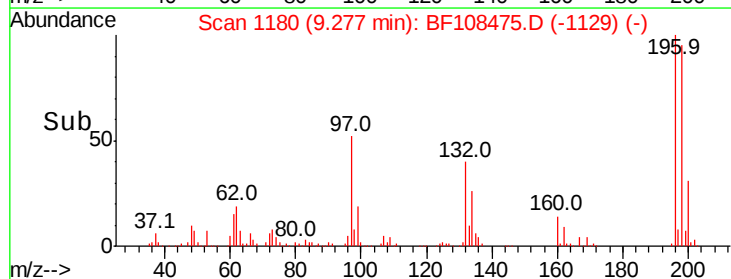
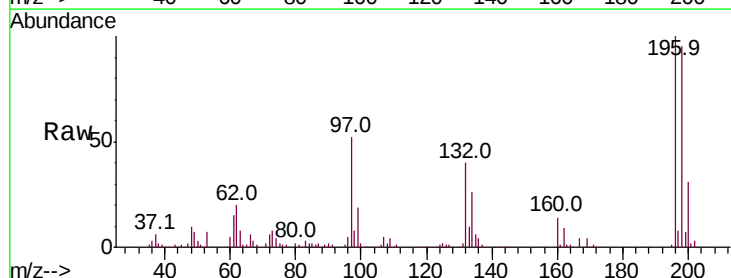
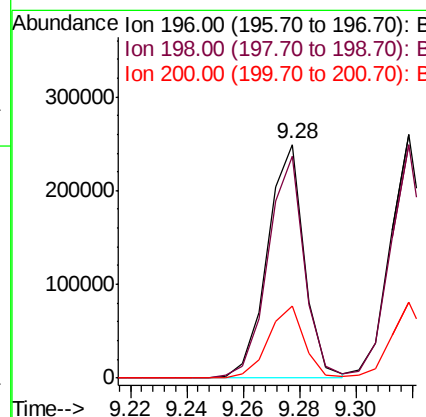
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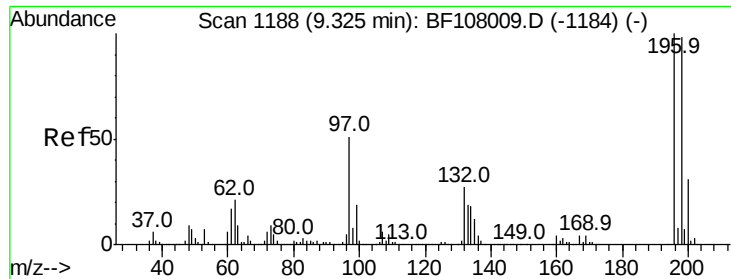
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#42
 2,4,6-Trichlorophenol
 Concen: 46.588 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	75.7	113.5	
200	30.6	24.5	36.7	





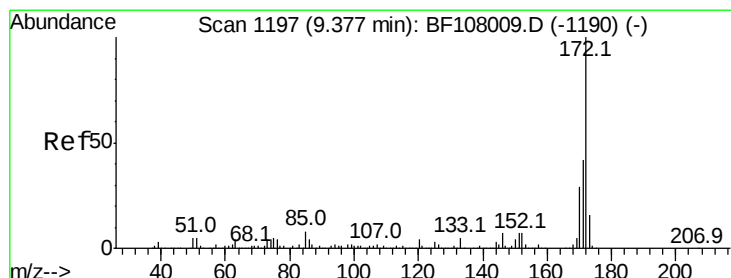
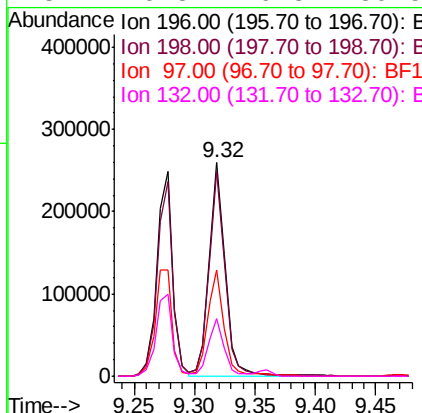
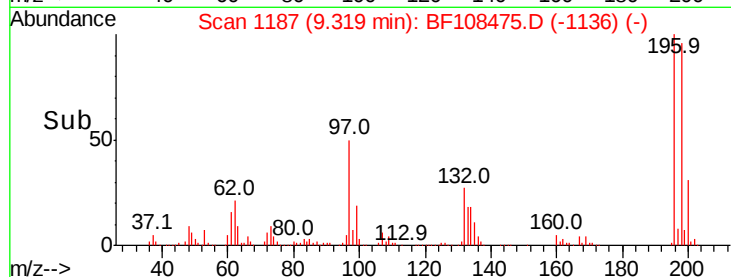
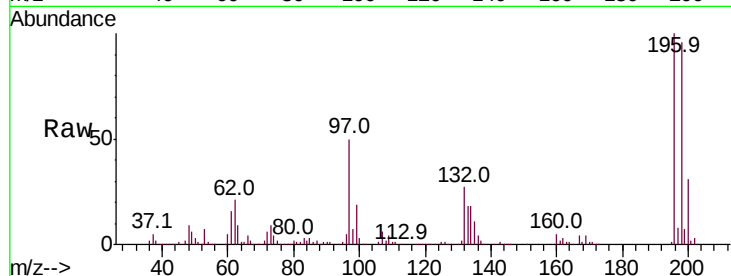
#43
 2,4,5-Trichlorophenol
 Concen: 45.229 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	240878		
198	96.0	74.6	112.0	
97	49.7	42.9	64.3	
132	26.8	26.3	39.5	

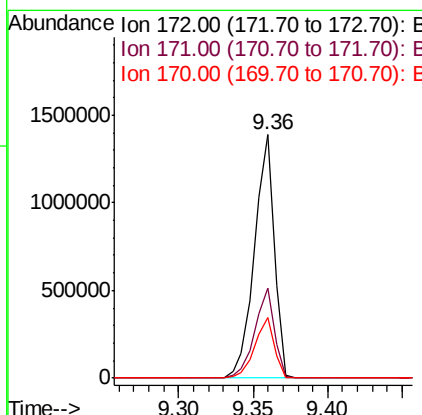
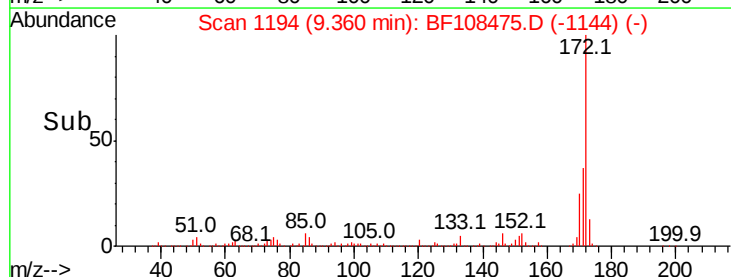
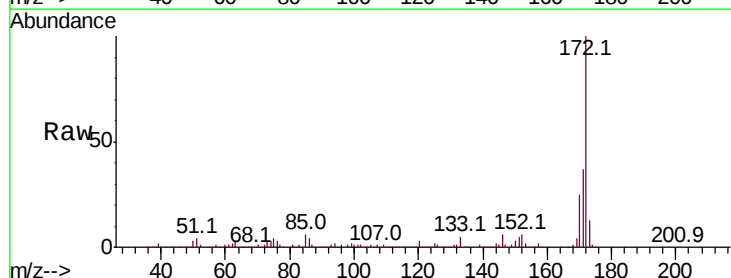
Manual Integrations
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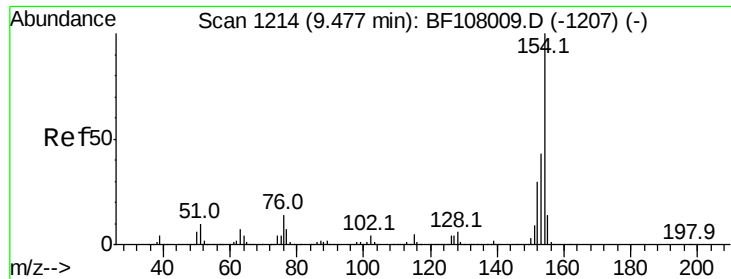
Sohil
 8/27/2018 12:56:45 PM



#44
 2-Fluorobiphenyl
 Concen: 80.583 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1274273		
171	37.0	29.7	44.5	
170	25.0	19.6	29.4	





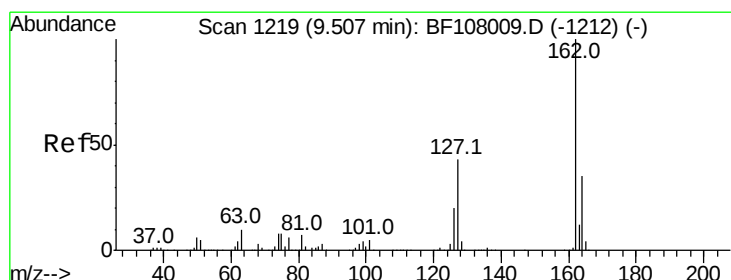
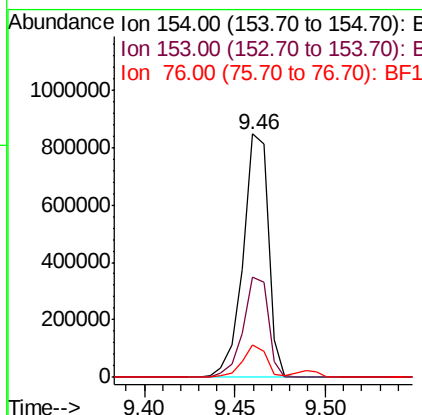
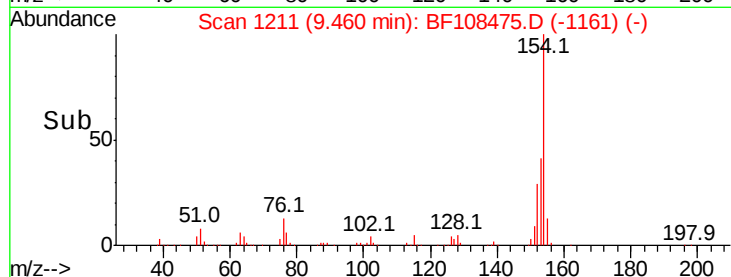
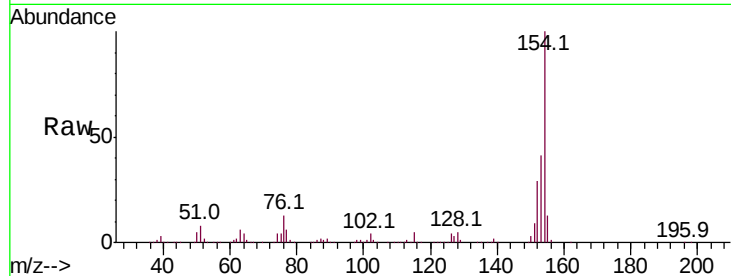
#45
 1,1'-Biphenyl
 Concen: 43.851 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion:	154	Resp:	820814
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.1	0.0	34.0

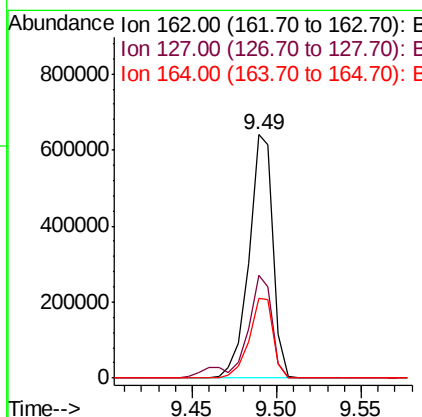
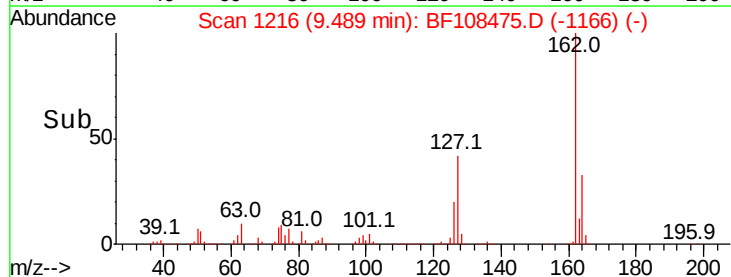
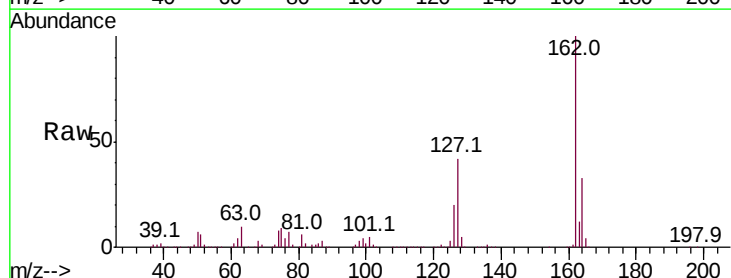
Manual Integrations
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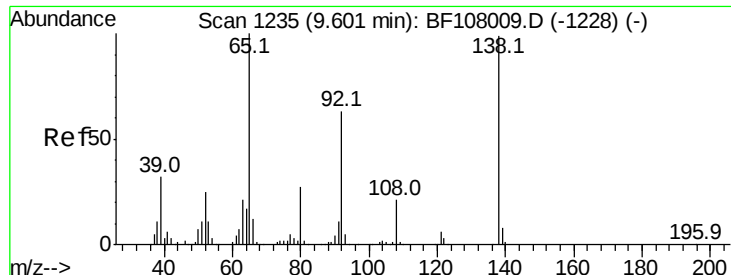
Sohil
 8/27/2018 12:56:45 PM



#46
 2-Chloronaphthalene
 Concen: 43.020 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion:	162	Resp:	636451
Ion Ratio	Lower	Upper	
162	100		
127	42.2	33.9	50.9
164	32.9	26.5	39.7





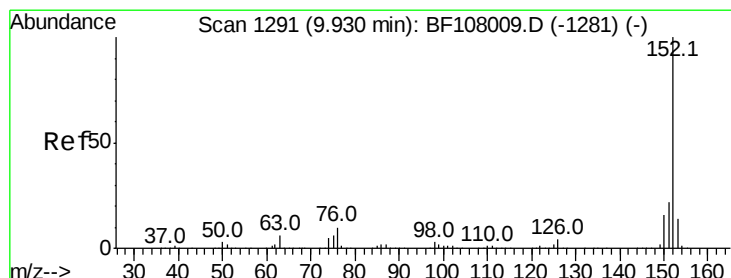
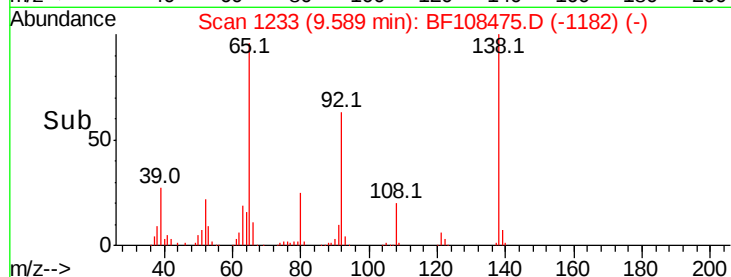
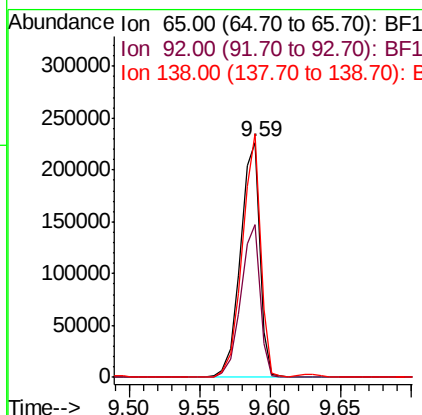
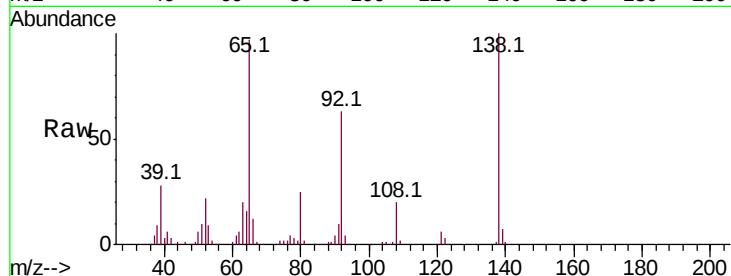
#47
2-Nitroaniline
Concen: 45.385 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	55.8	83.6
138	103.6	91.2	136.8

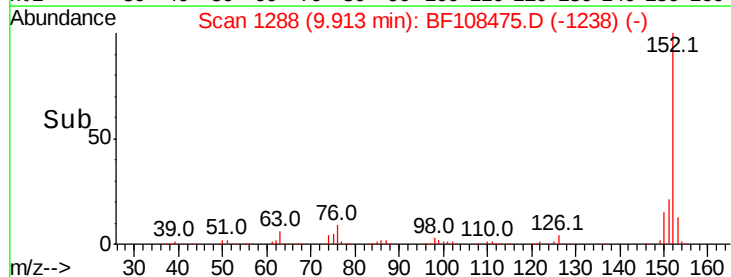
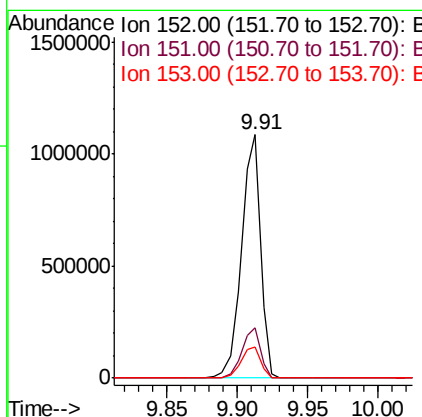
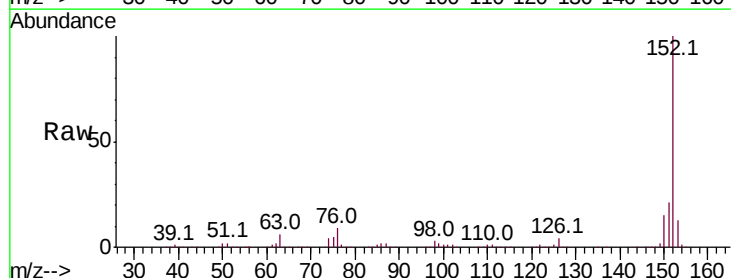
Manual Integrations
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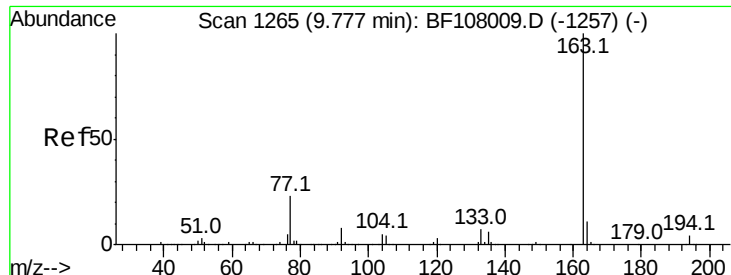
Sohil
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#48
Acenaphthylene
Concen: 43.308 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.0	10.7	16.1





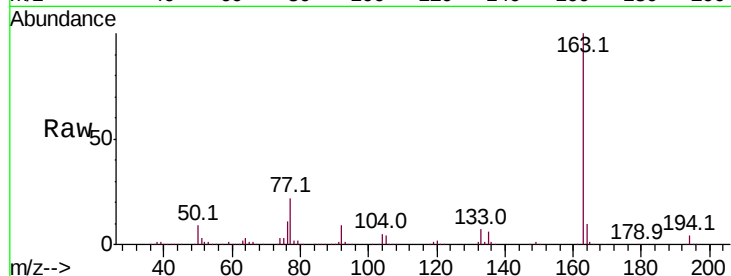
#49
Dimethylphthalate
Concen: 51.116 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

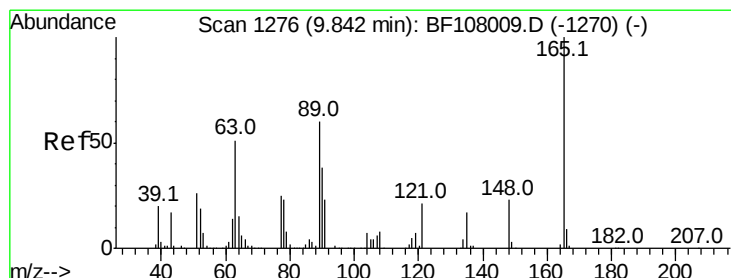
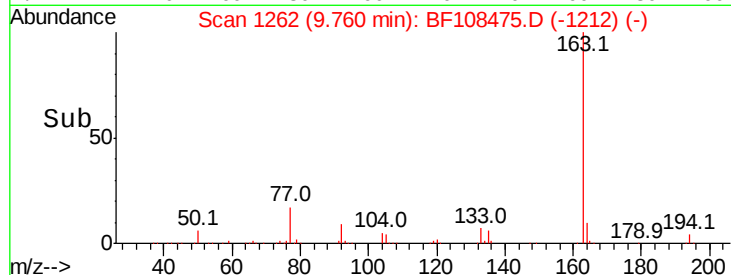
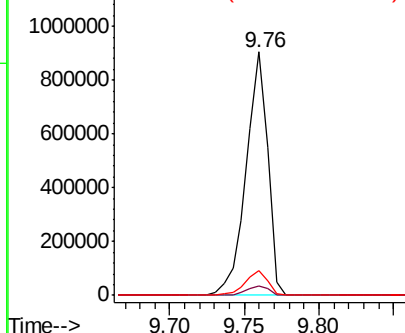
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.2	8.2	12.2	

Manual Integrations
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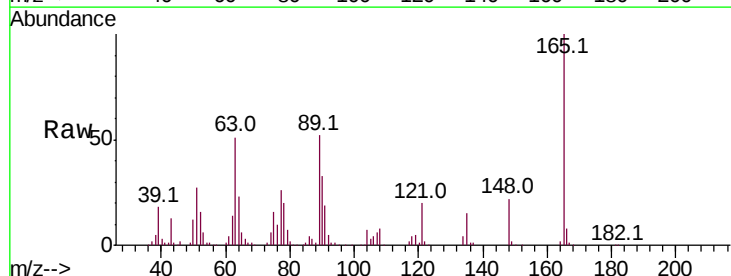


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

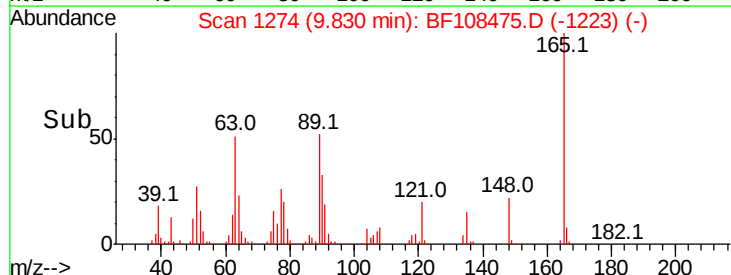
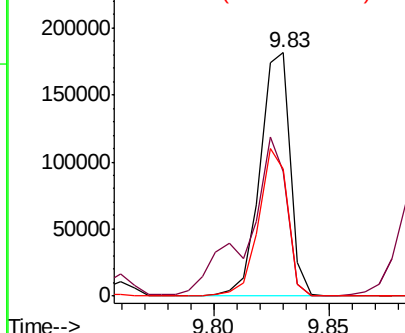


#50
2,6-Dinitrotoluene
Concen: 44.781 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.9	44.7	67.1	
89	52.4	44.0	66.0	



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





#51

Acenaphthene

Concen: 41.244 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C2MS

Tot Ion:154 Resp: 590829

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

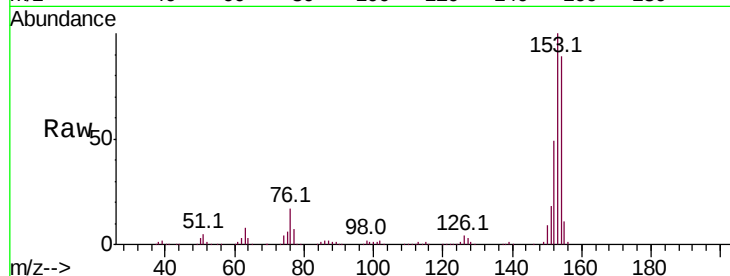
152 54.7 43.8 65.8

Manual Integrations

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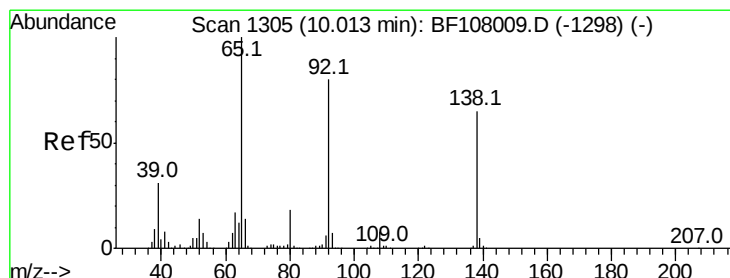
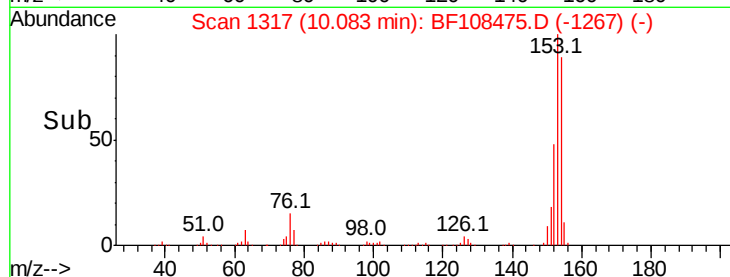
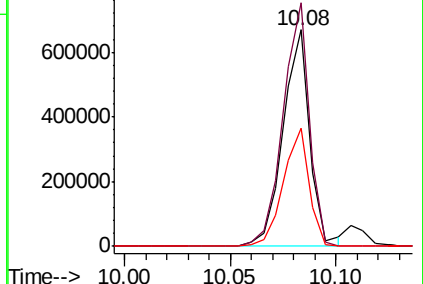
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.675 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

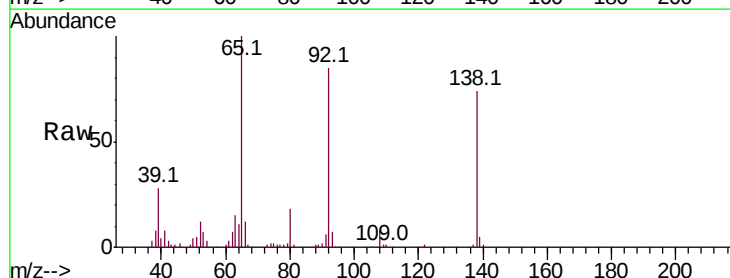
Tgt Ion:138 Resp: 128227

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

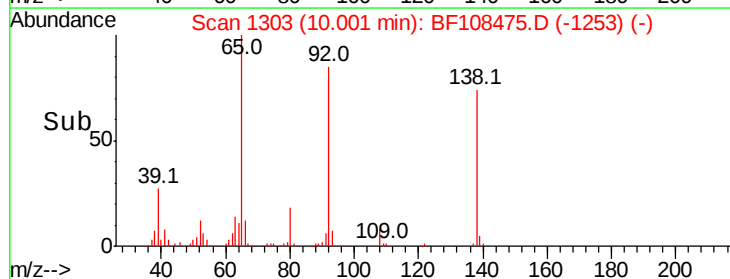
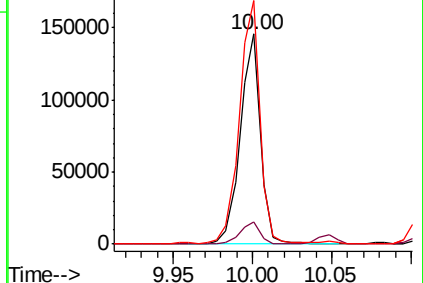
92 115.9 89.4 134.2

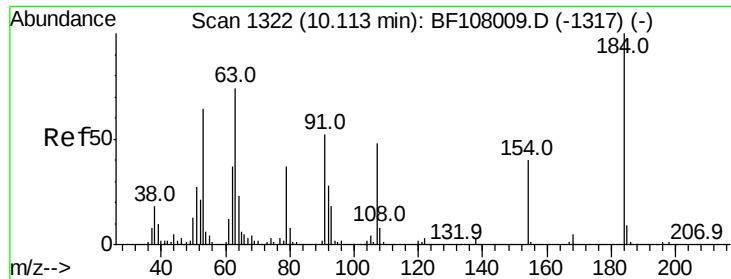


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





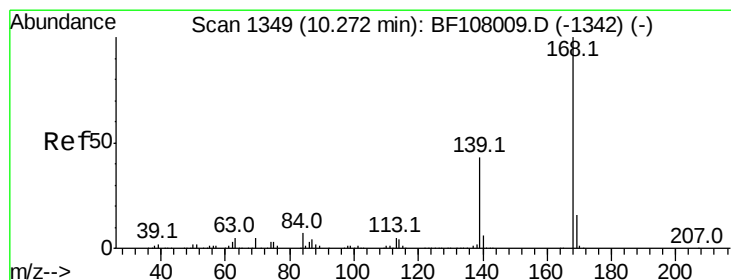
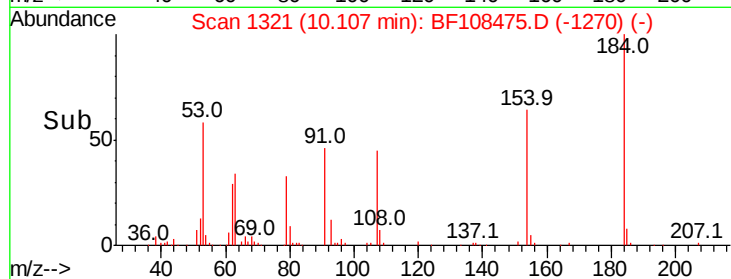
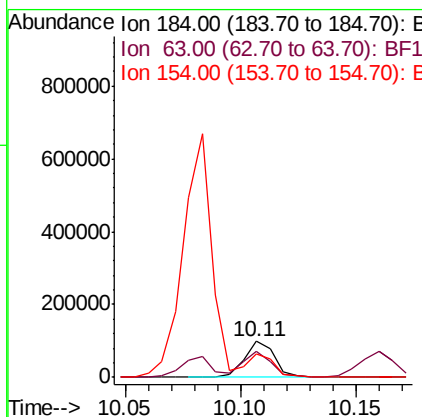
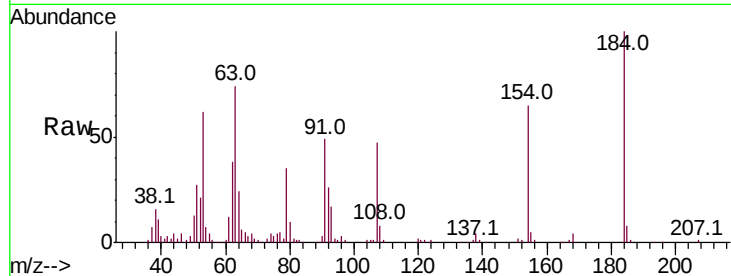
#53
2,4-Dinitrophenol
Concen: 66.603 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.6	54.2	81.2
154	64.7	184.0	276.0#

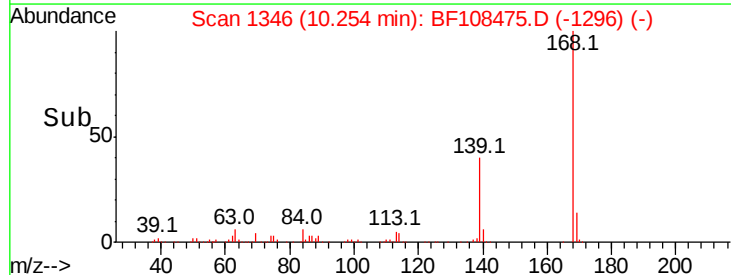
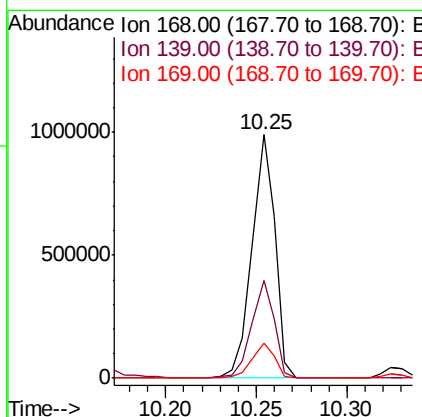
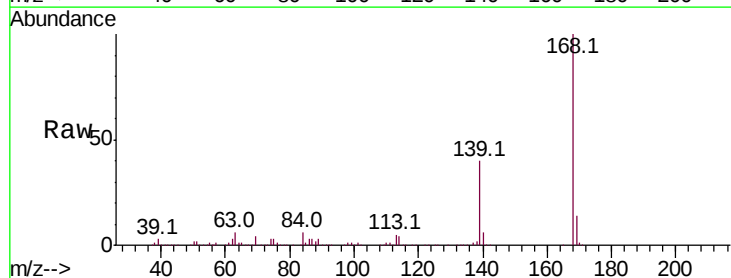
Manual Integrations
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#54
Dibenzofuran
Concen: 42.112 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.1	45.1
169	14.3	10.9	16.3





#55

4-Nitrophenol

Concen: 74.734 ng

RT: 10.16 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C2MS

Tot Ion:139 Resp: 229099

Ion Ratio Lower Upper

139 100

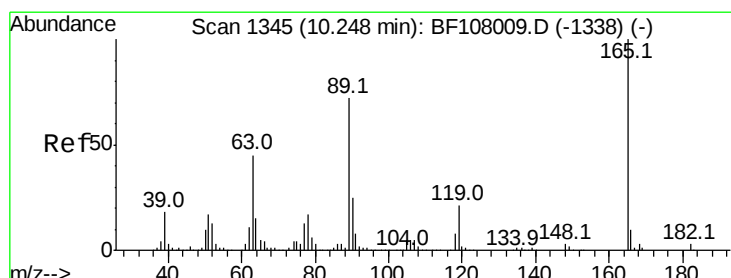
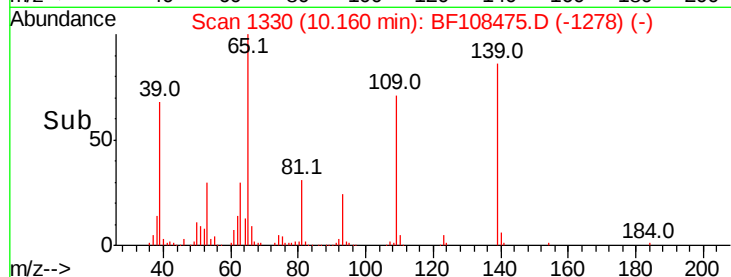
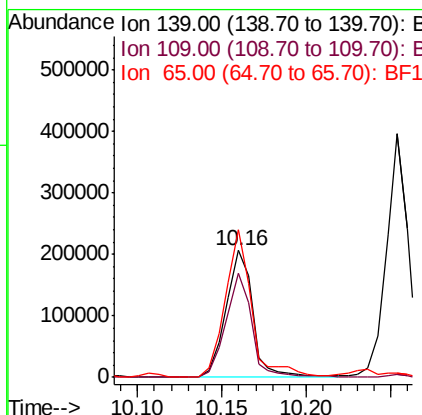
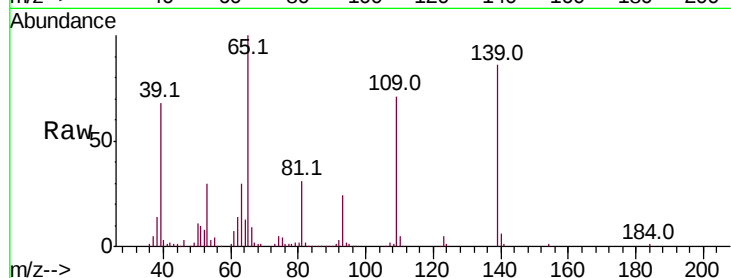
109 82.1 48.4 88.4

65 116.2 72.6 112.6#

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#56

2,4-Dinitrotoluene

Concen: 46.133 ng

RT: 10.24 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:165 Resp: 219708

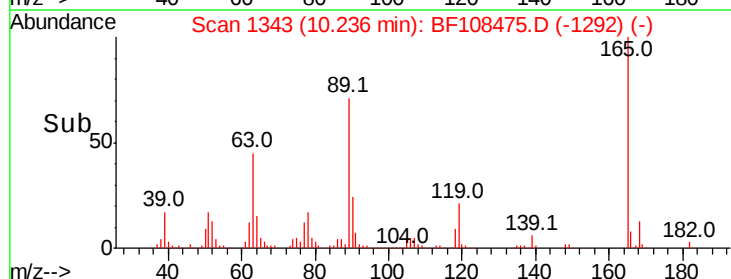
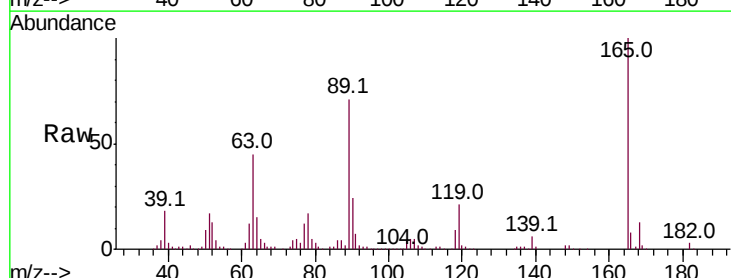
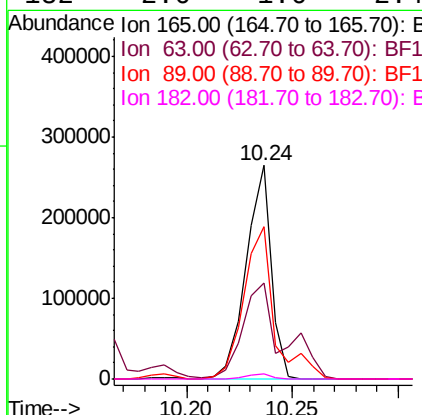
Ion Ratio Lower Upper

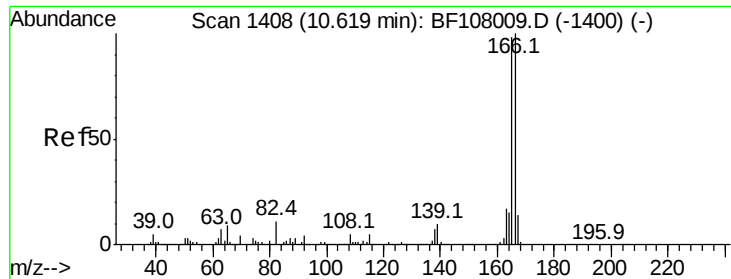
165 100

63 44.7 36.4 54.6

89 71.4 57.8 86.6

182 2.6 1.6 2.4#





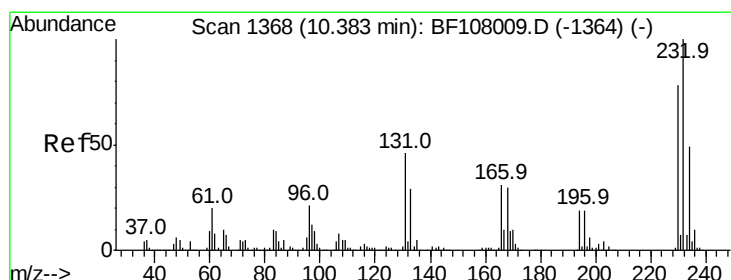
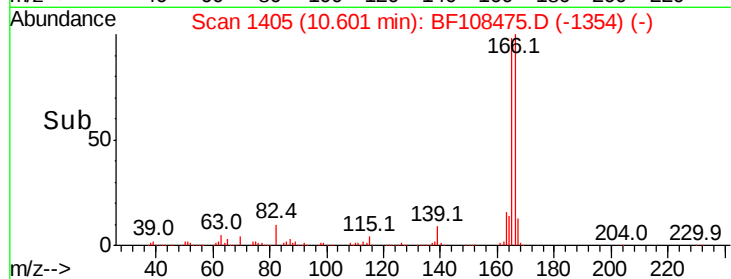
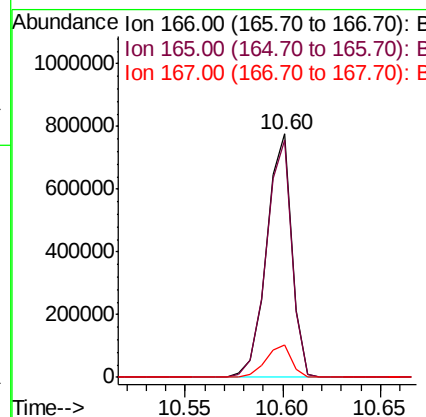
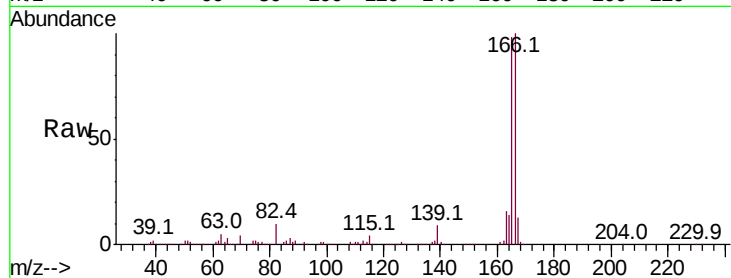
#57
 Fluorene
 Concen: 42.167 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.2	10.6	16.0

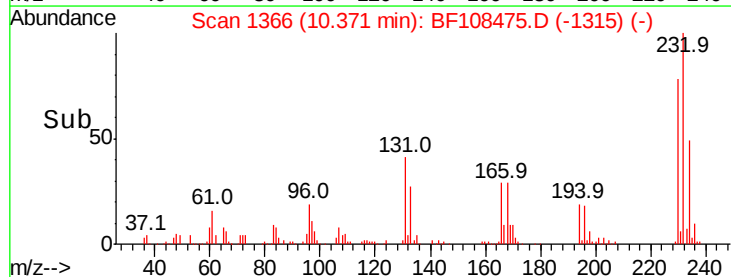
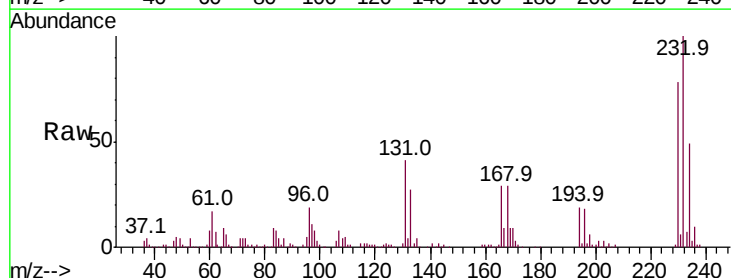
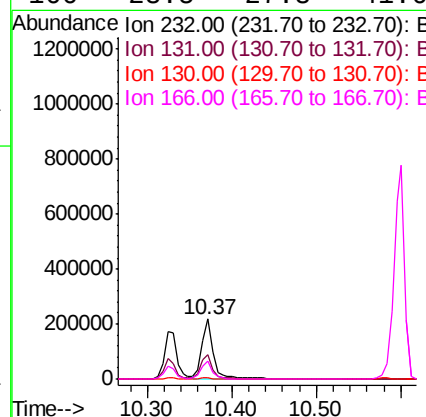
Manual Integrations
 APPROVED

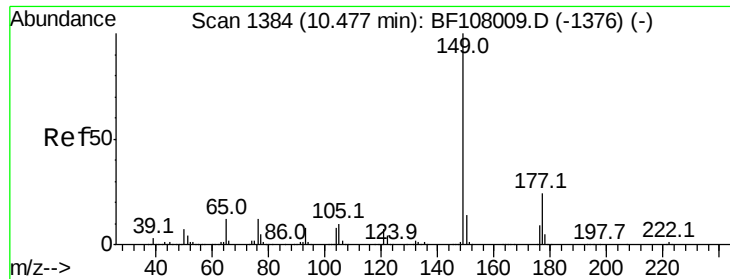
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.477 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	43.8	65.8#
130	2.1	2.1	3.1
166	28.5	27.8	41.6





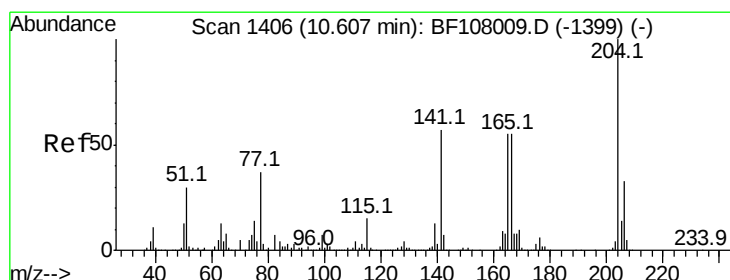
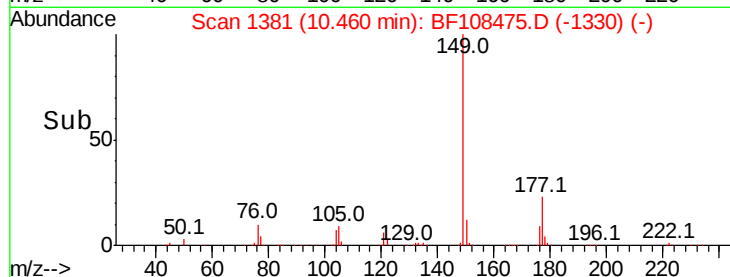
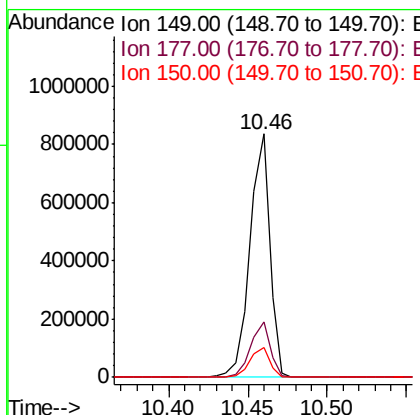
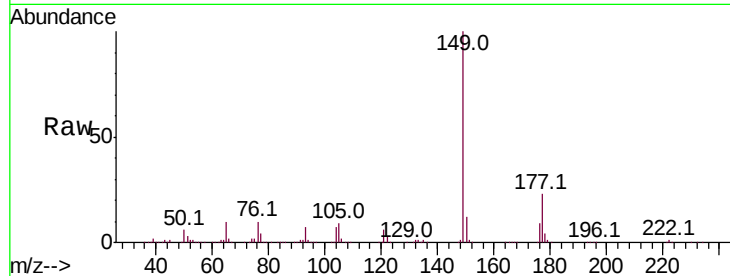
#59
Diethylphthalate
Concen: 42.559 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.5	10.1	15.1

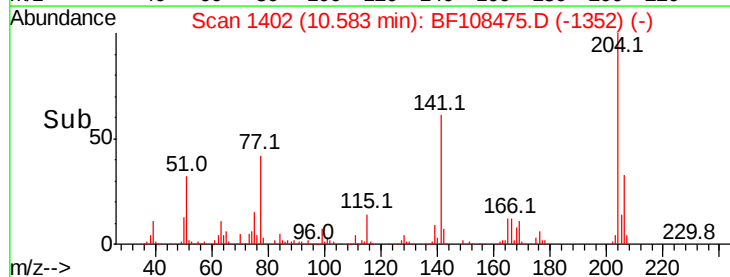
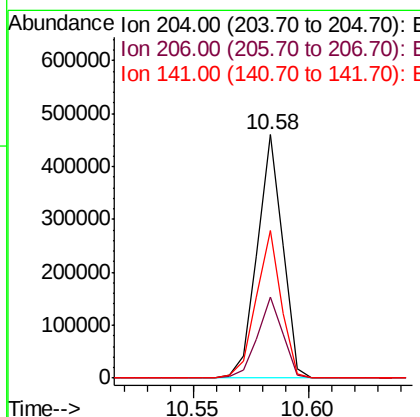
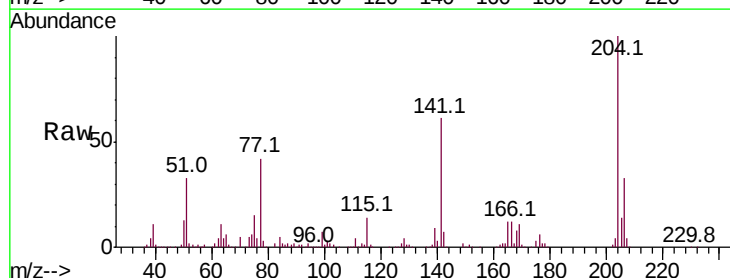
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 41.659 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	60.8	54.6	81.8





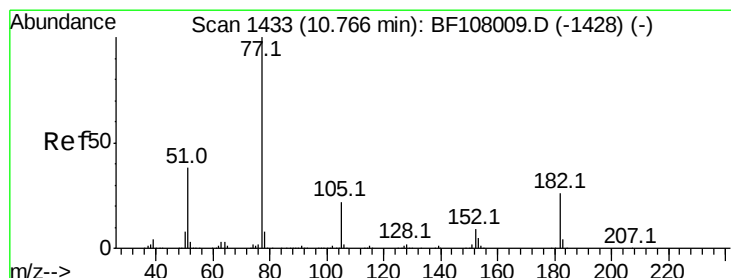
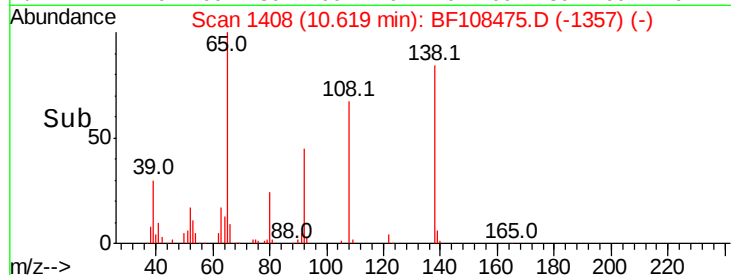
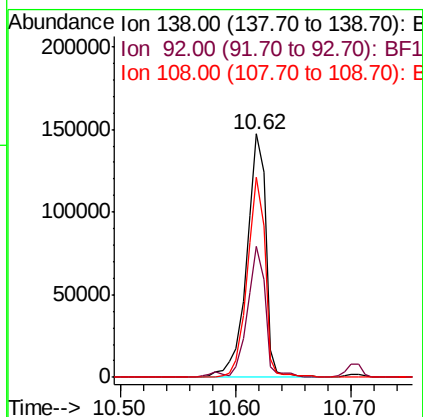
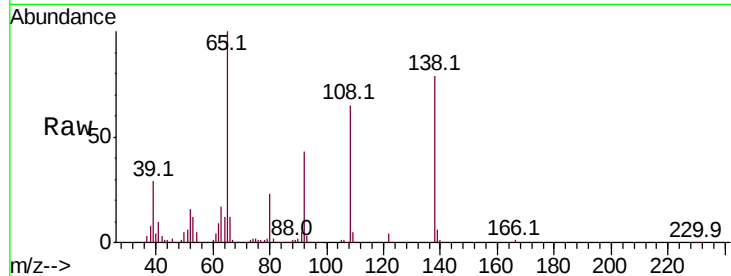
#61
4-Nitroaniline
Concen: 42.281 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.9	30.2	70.2
108	82.3	52.5	92.5

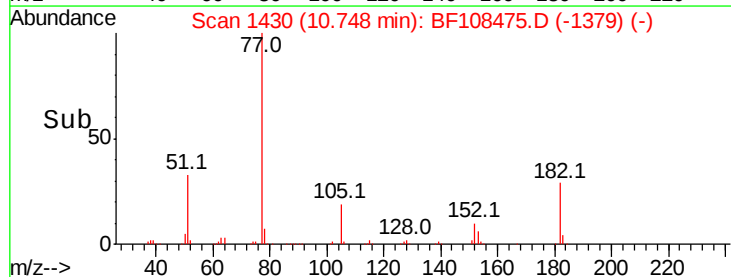
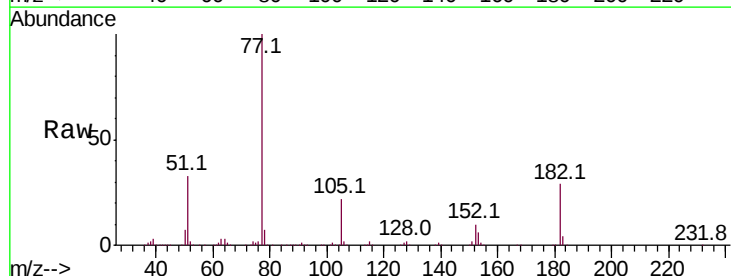
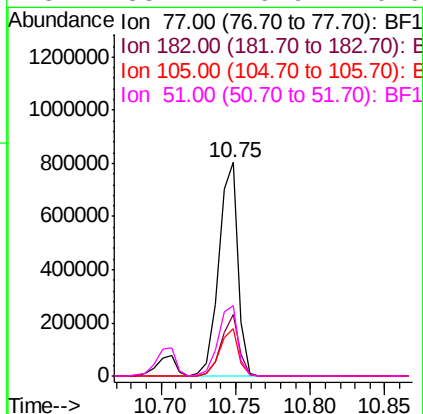
Manual Integrations
APPROVED

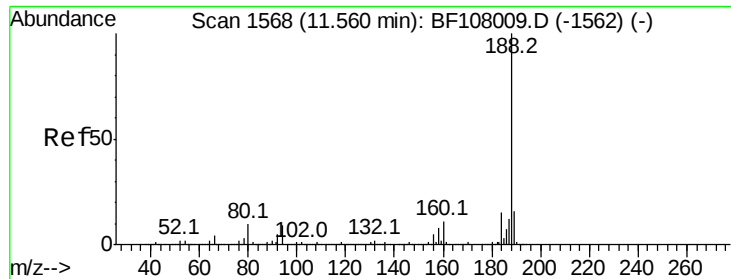
Sohil
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#62
Azobenzene
Concen: 40.957 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	22.0	3.0	43.0
51	33.2	9.9	49.9





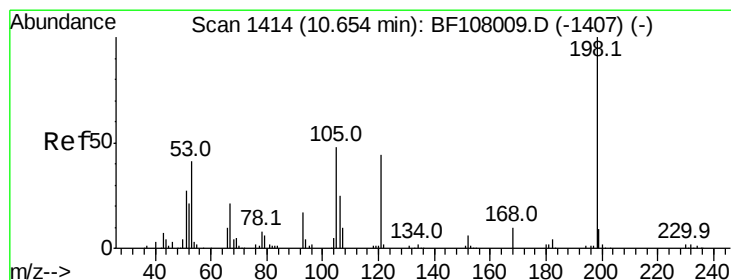
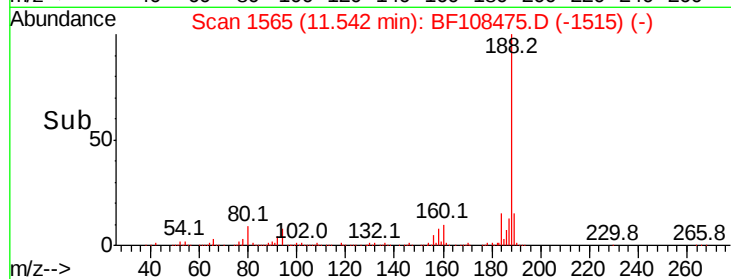
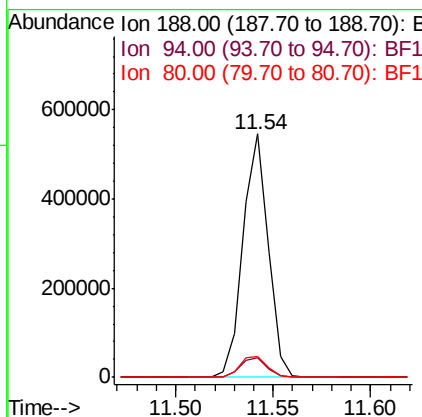
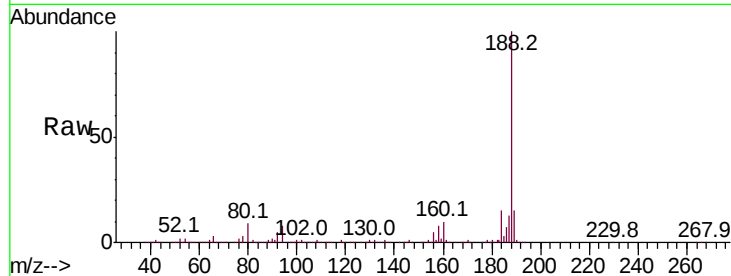
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.7	9.2	13.8#

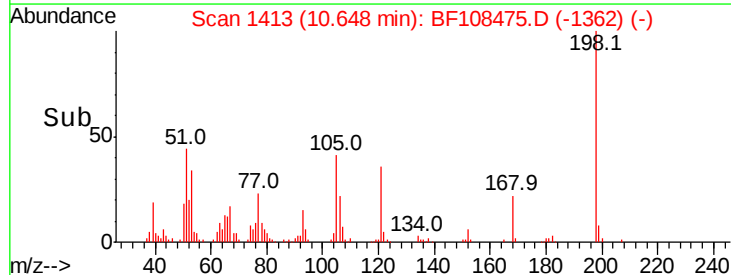
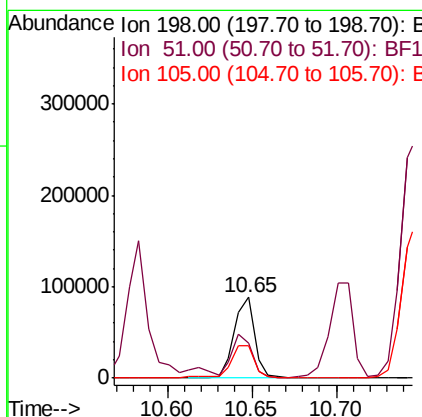
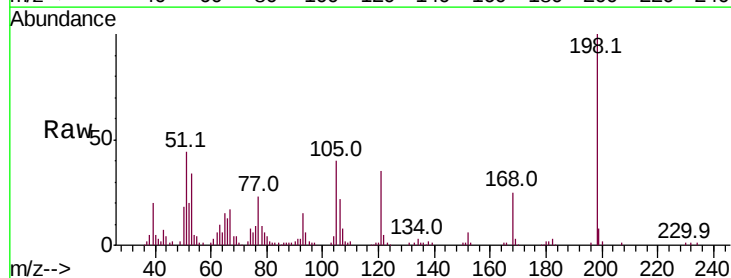
Manual Integrations
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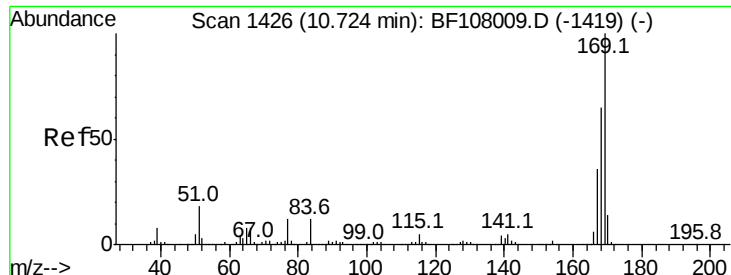
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.782 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.9	37.7	77.7
105	40.4	36.3	76.3





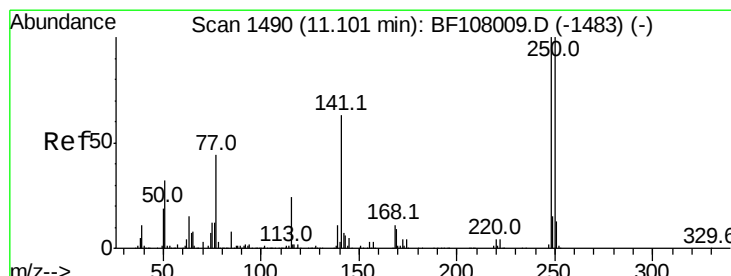
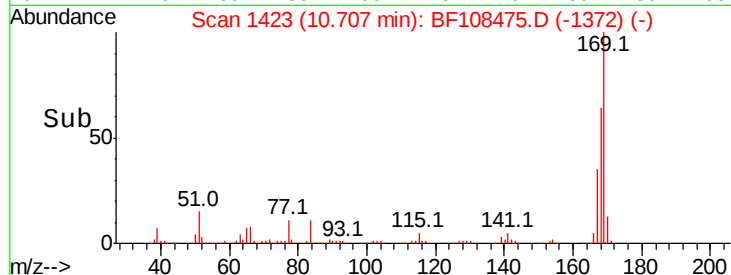
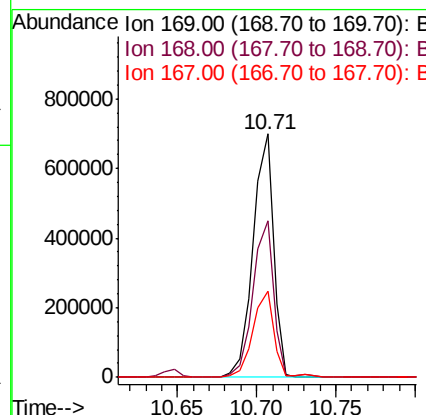
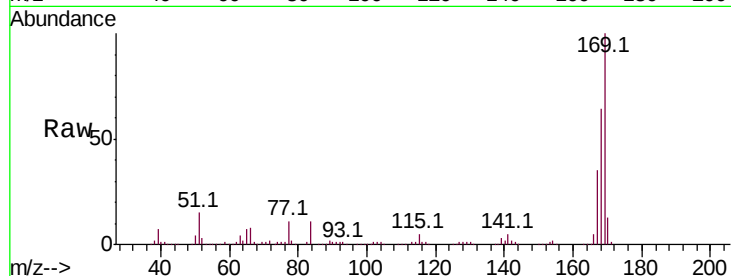
#65
 n-Nitrosodiphenylamine
 Concen: 43.543 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.1	54.4	81.6	
167	35.4	29.8	44.6	

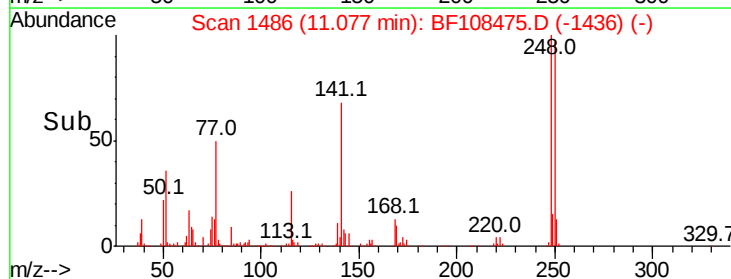
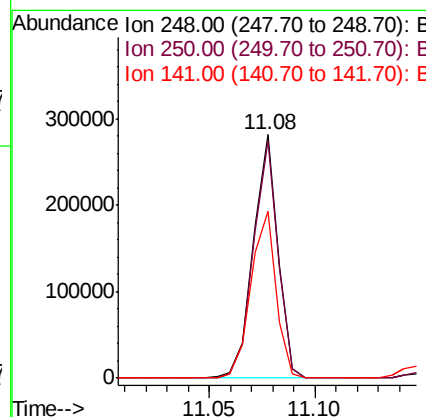
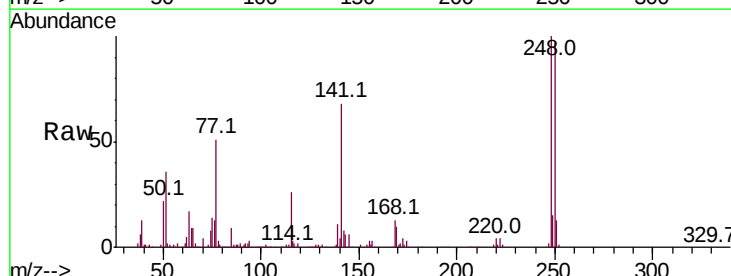
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 42.980 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	76.9	115.3	
141	68.3	74.4	111.6	





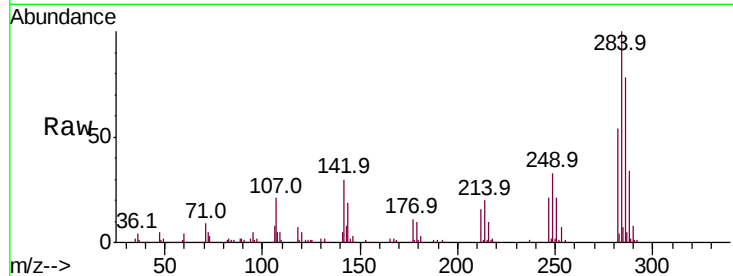
#67
Hexachlorobenzene
Concen: 42.506 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	237616		
142	30.2	34.6	52.0	
249	32.6	24.8	37.2	

Manual Integrations
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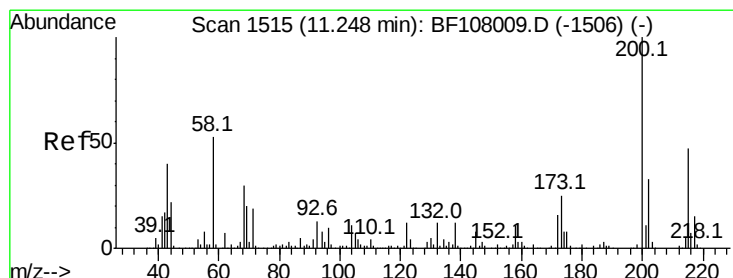
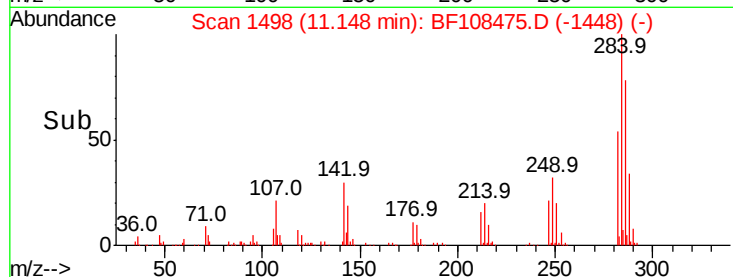
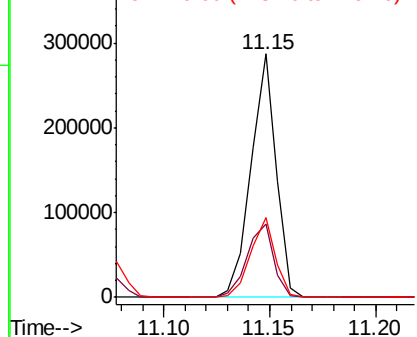


Abundance

Ion 283.80 (283.50 to 284.50): E

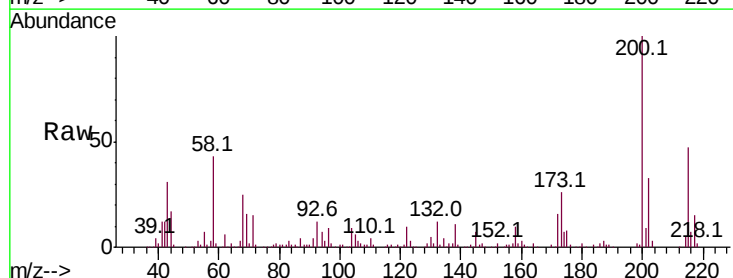
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 43.215 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	209409		
173	25.9	8.6	48.6	
215	47.2	25.1	65.1	

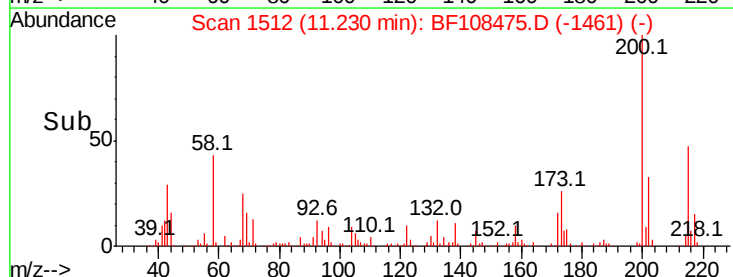
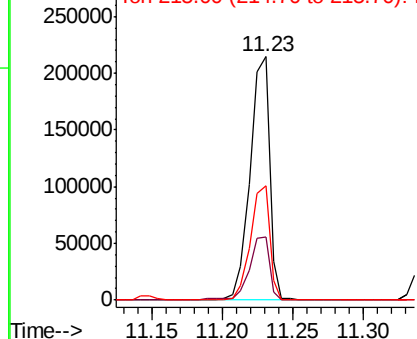


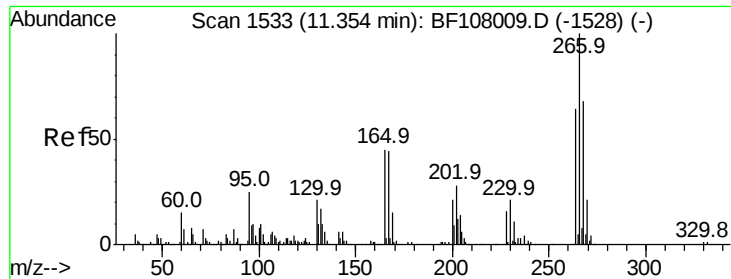
Abundance

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





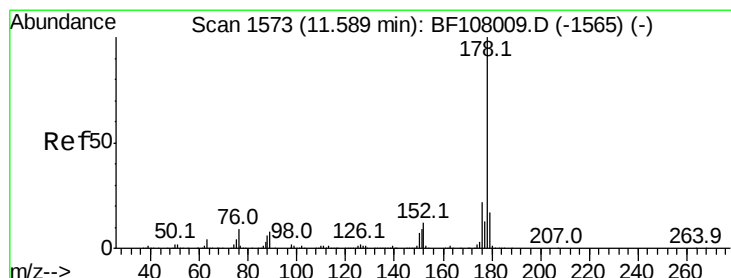
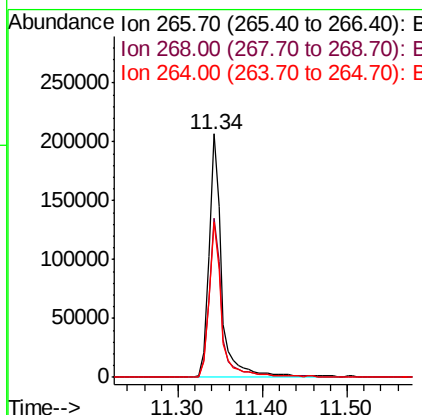
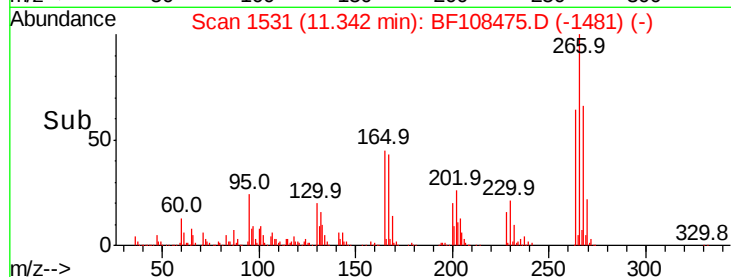
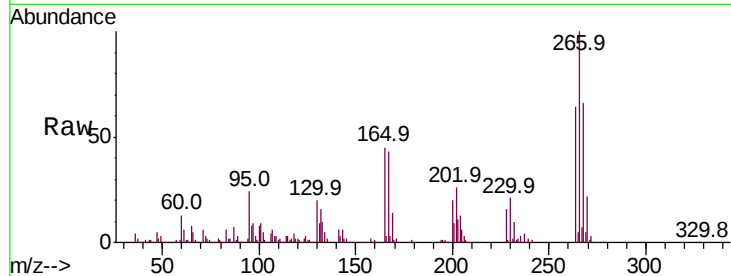
#69
 Pentachlorophenol
 Concen: 82.176 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	219874		
268	65.5	51.1	76.7	
264	63.9	49.5	74.3	

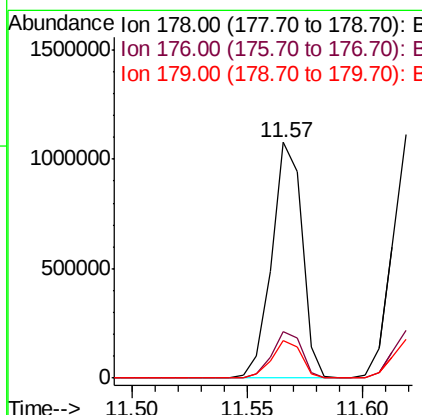
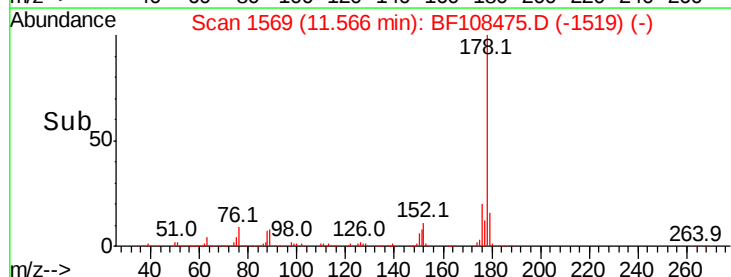
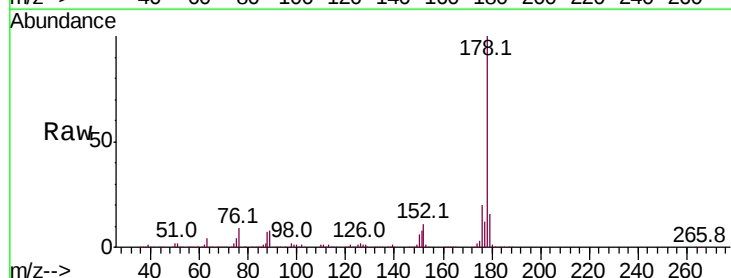
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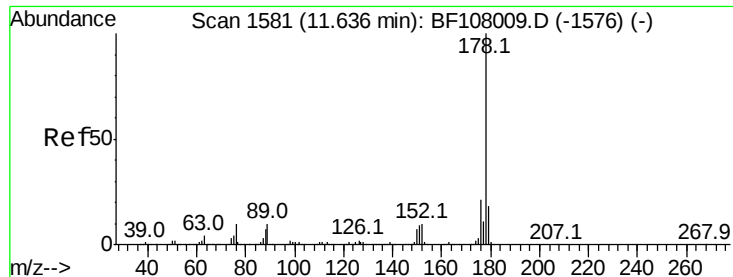
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#70
 Phenanthrene
 Concen: 42.499 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	980003		
176	20.0	15.8	23.8	
179	16.2	13.0	19.6	





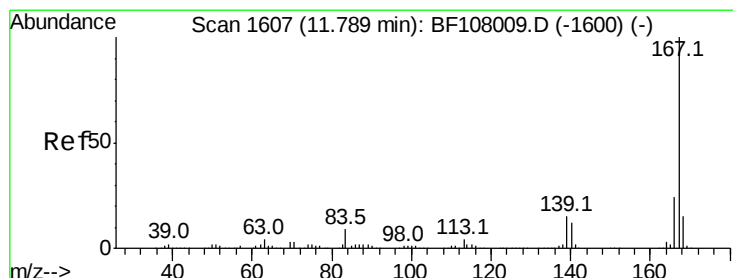
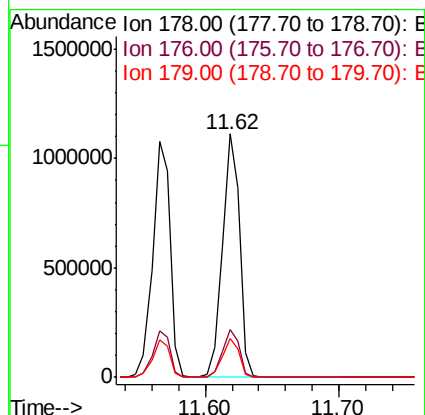
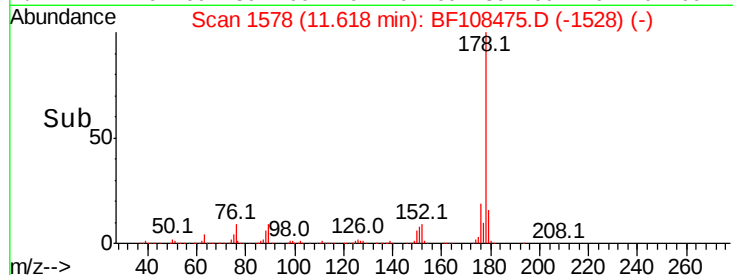
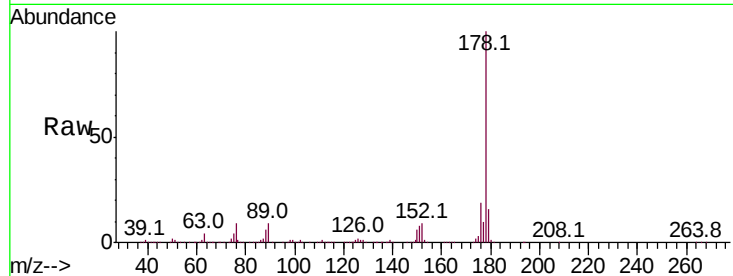
#71
 Anthracene
 Concen: 42.736 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	12.6	19.0

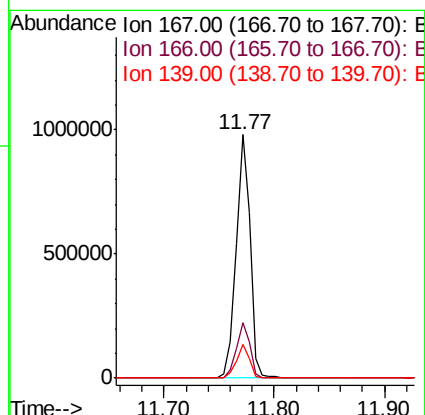
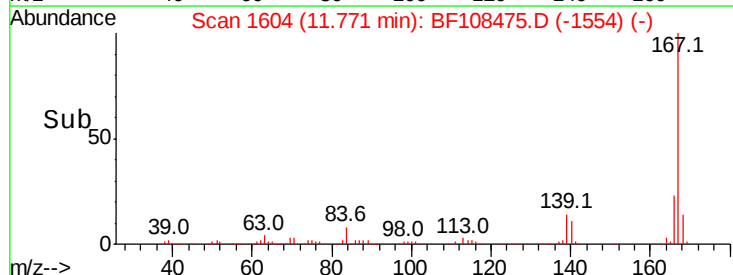
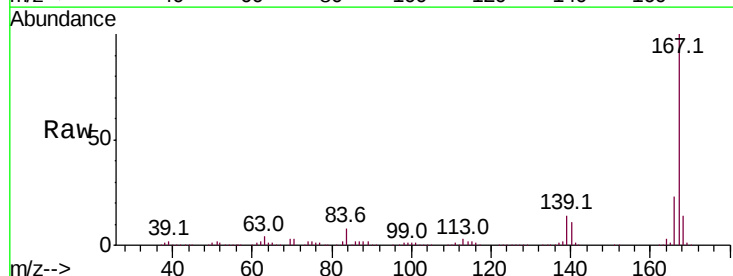
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#72
 Carbazole
 Concen: 41.488 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.6	10.9	16.3





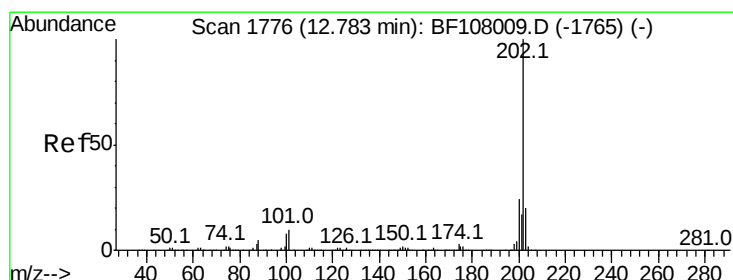
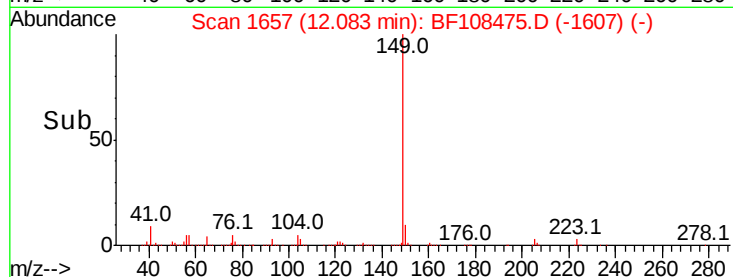
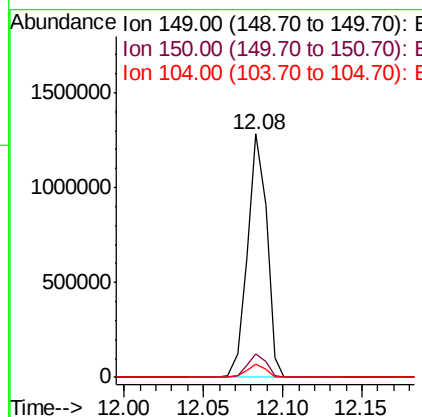
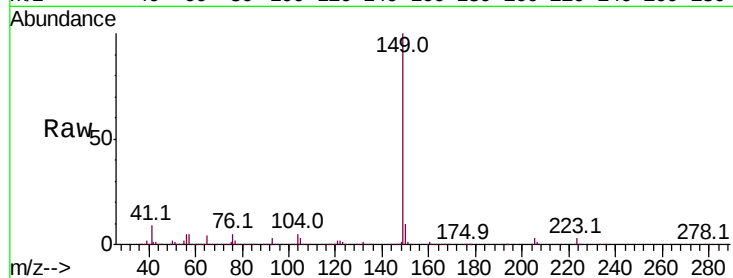
#73
Di-n-butylphthalate
Concen: 45.536 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.5	3.8	5.8

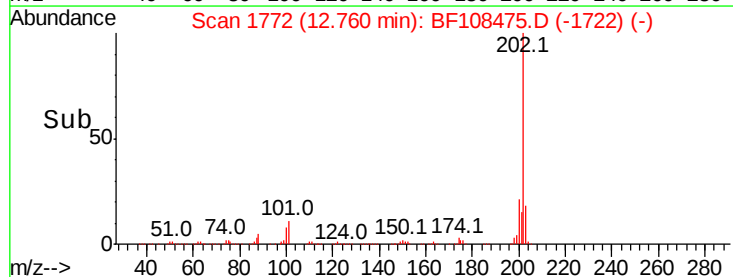
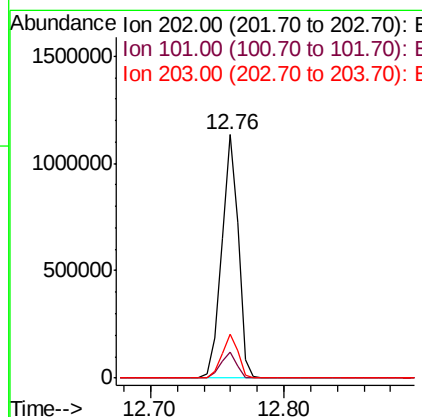
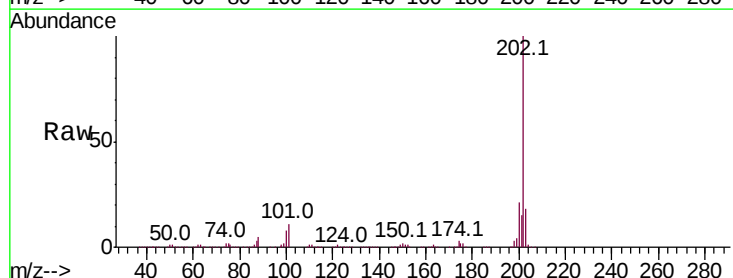
Manual Integrations
APPROVED

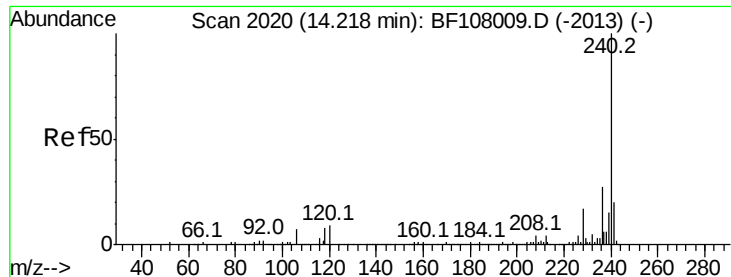
Sohil
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#74
Fluoranthene
Concen: 39.402 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.9	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: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

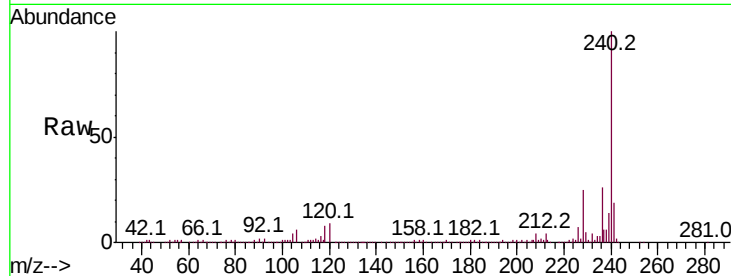
ClientSampleId :

EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.5	20.7	31.1

Manual Integrations
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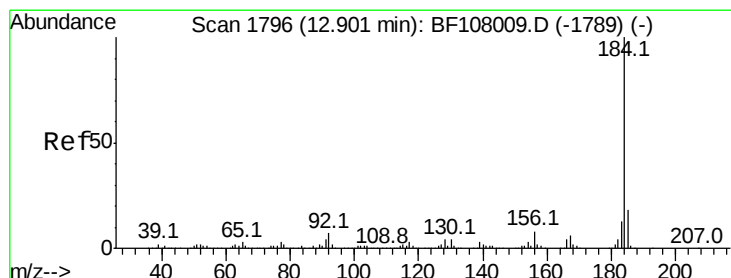
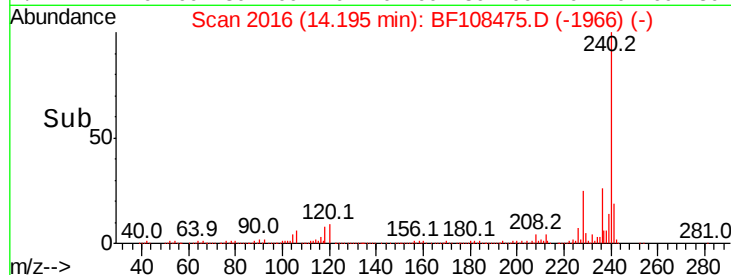
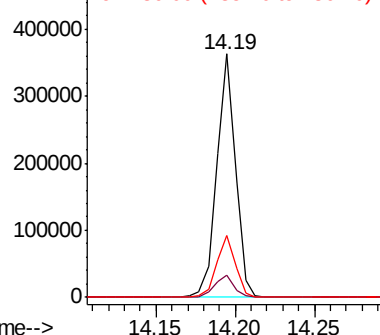
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.885 ng

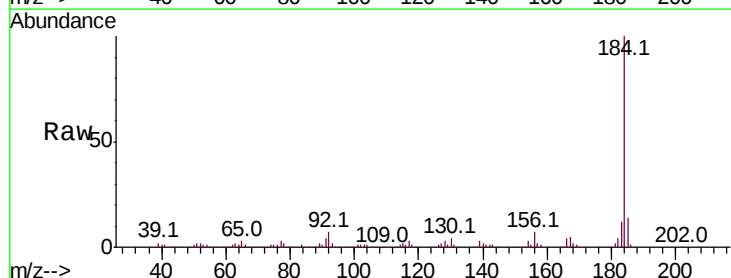
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

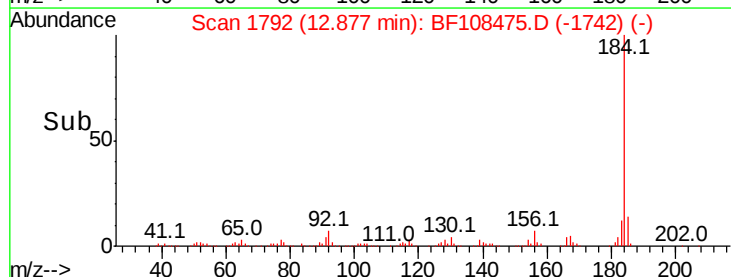
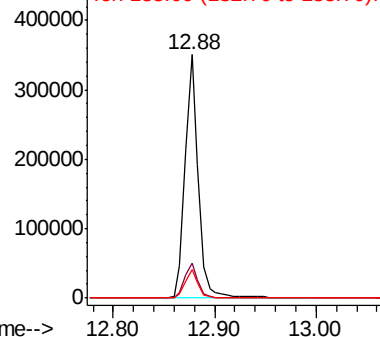
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.0	9.3	13.9

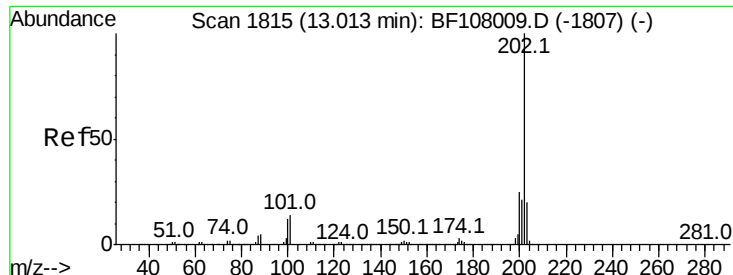


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.103 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108475.D

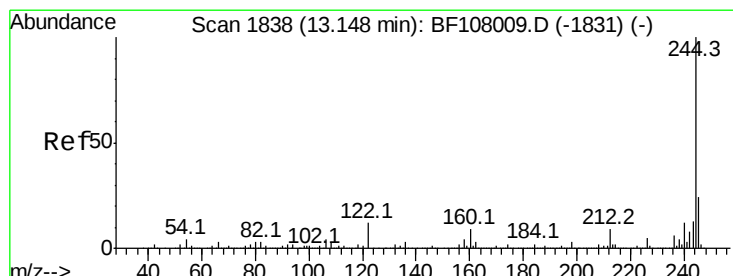
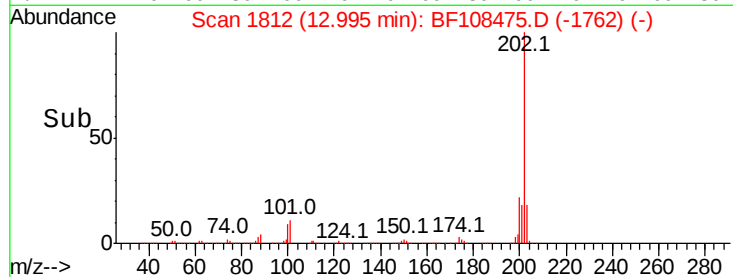
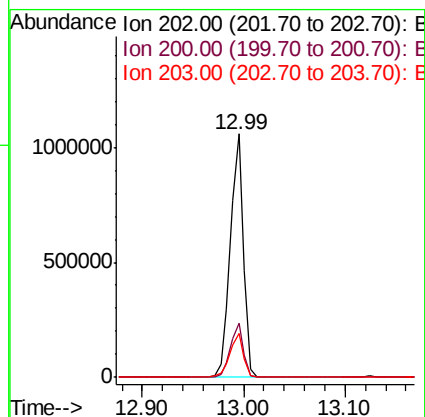
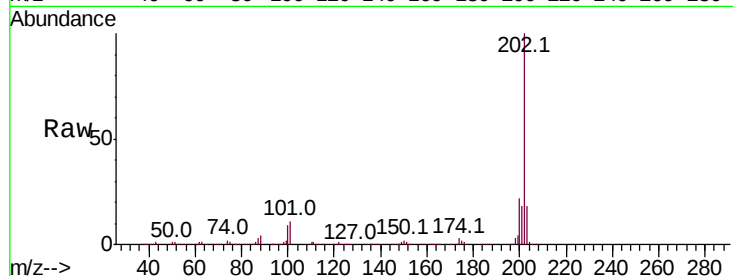
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 113.254 ng

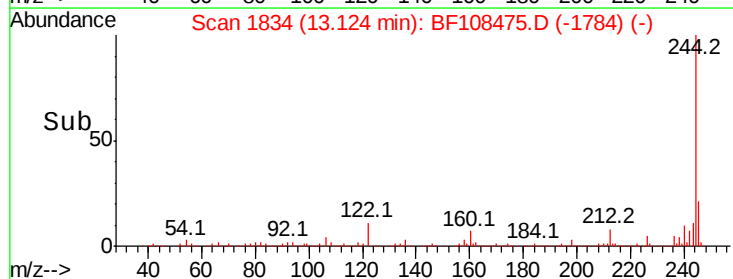
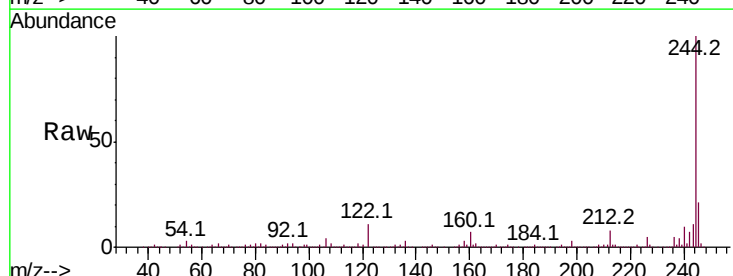
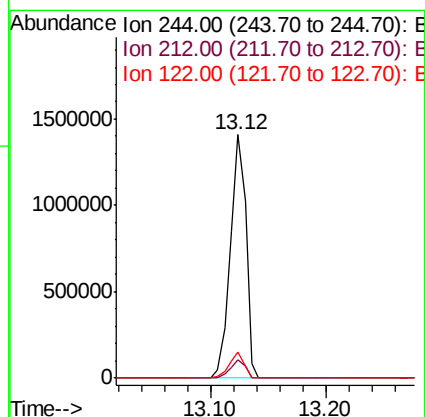
RT: 13.12 min Scan# 1834

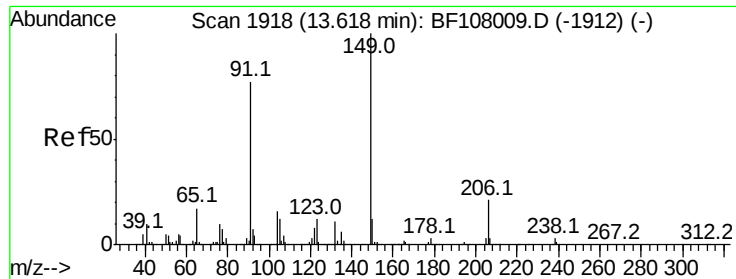
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.6	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 50.747 ng

RT: 13.59 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

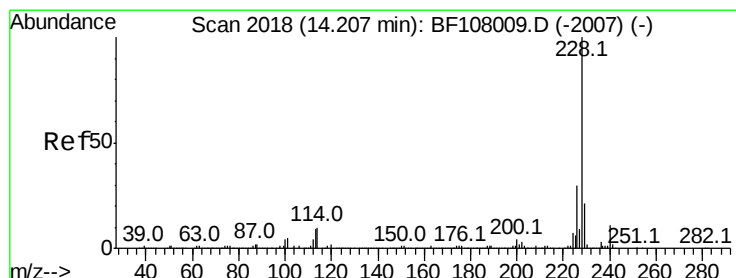
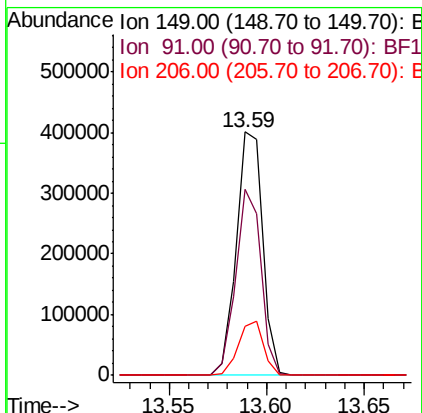
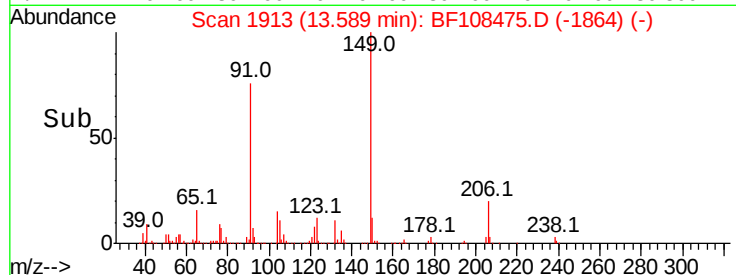
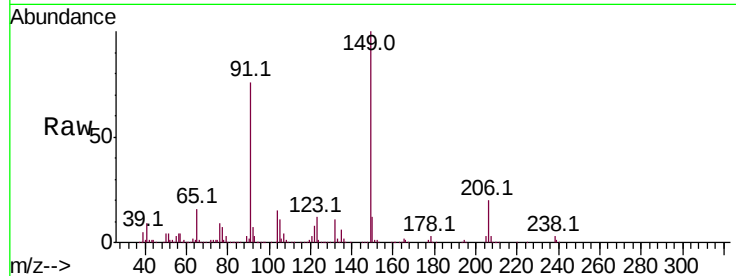
ClientSampleId :

EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	56.8	85.2
206	20.1	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 41.941 ng

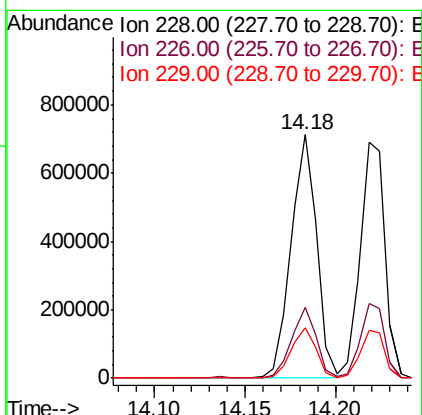
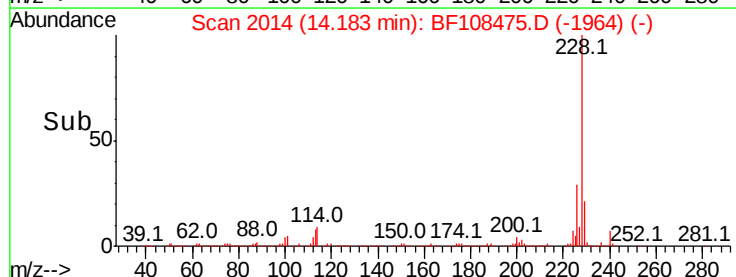
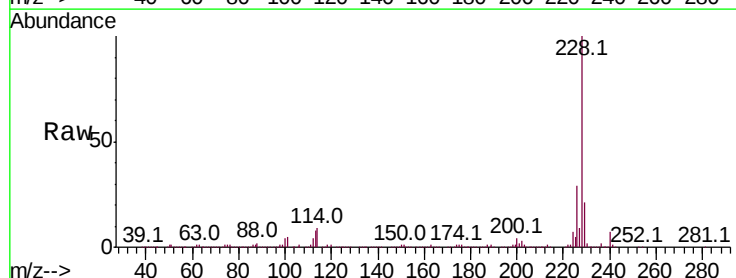
RT: 14.18 min Scan# 2014

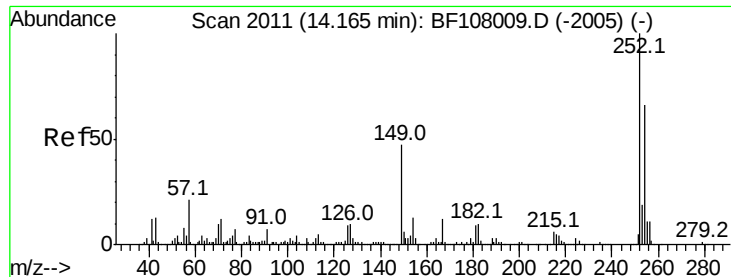
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.6	15.8	23.6





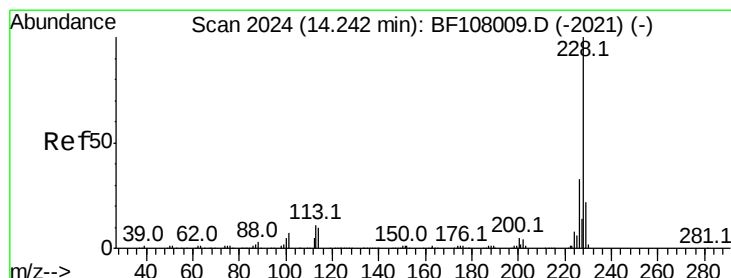
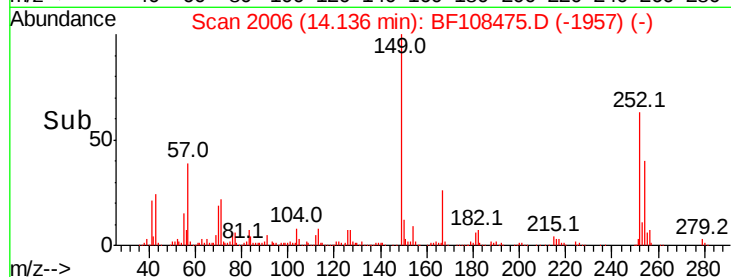
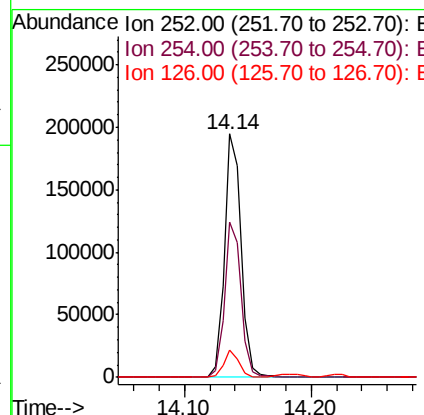
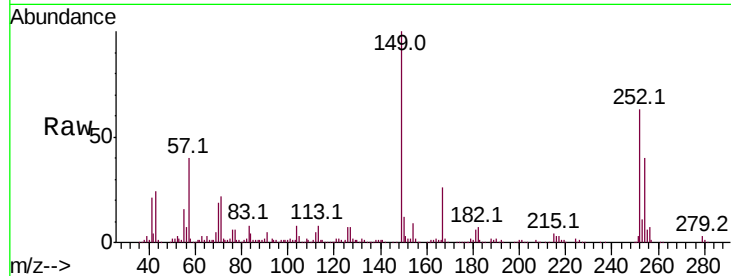
#81
 3,3'-Dichlorobenzidine
 Concen: 29.667 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	50.4	75.6
126	11.2	11.3	16.9

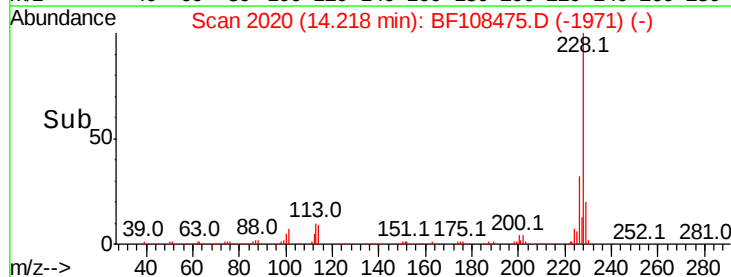
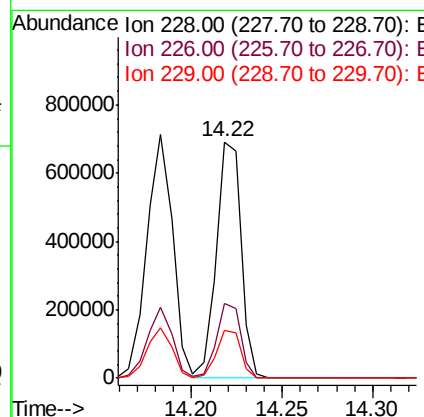
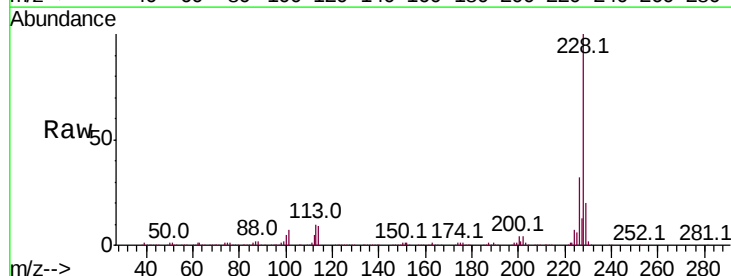
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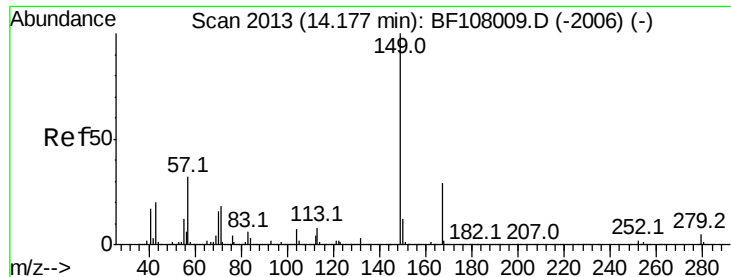
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#82
 Chrysene
 Concen: 42.194 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.7	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.545 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

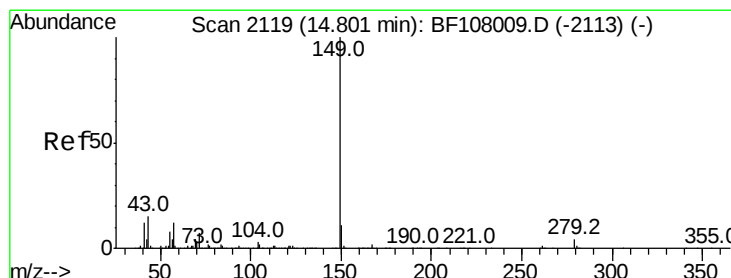
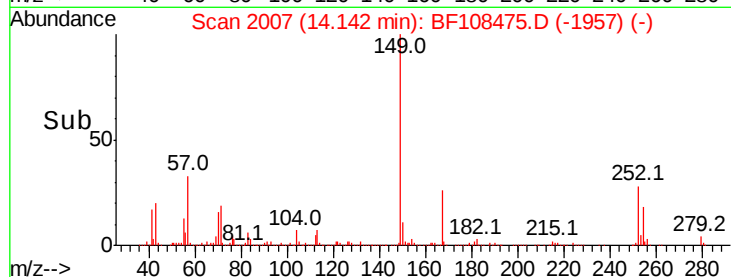
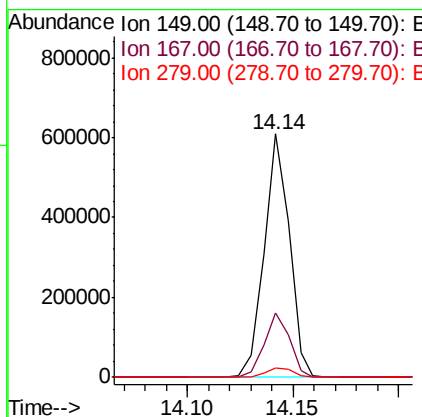
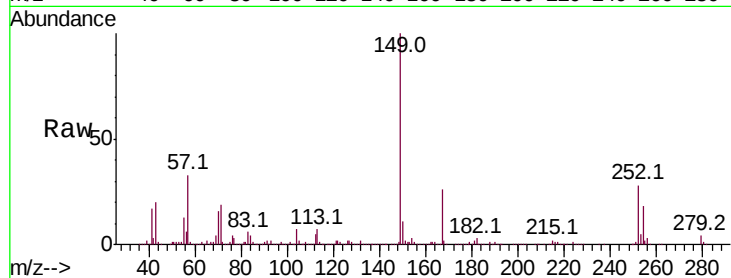
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	149	Resp:	508361
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	3.9	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 50.159 ng

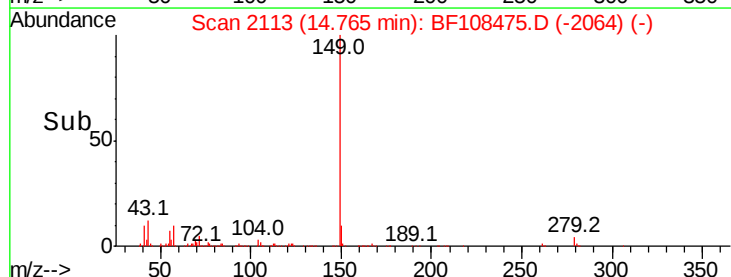
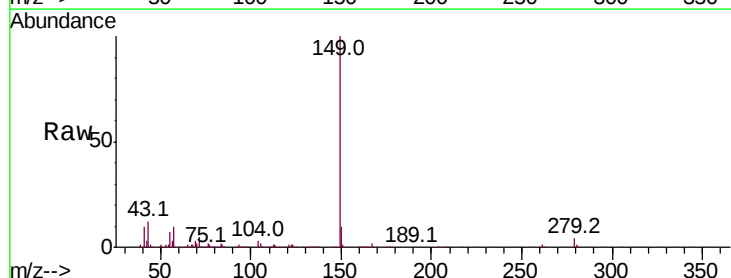
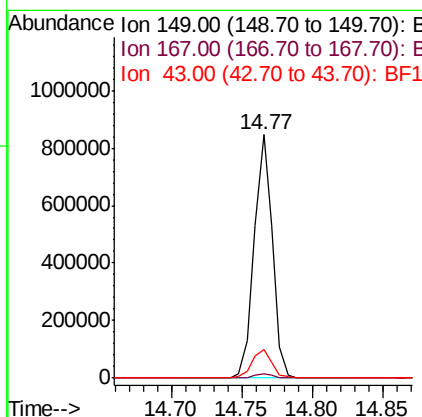
RT: 14.77 min Scan# 2113

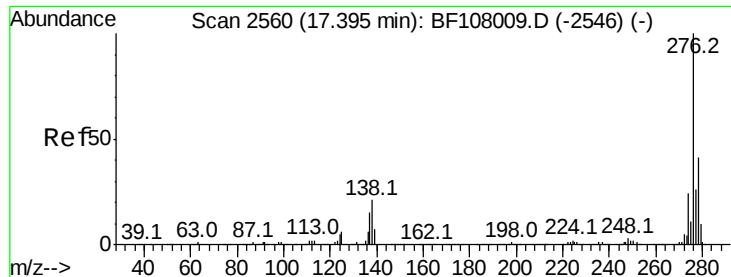
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	149	Resp:	769370
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.656 ng

RT: 17.36 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

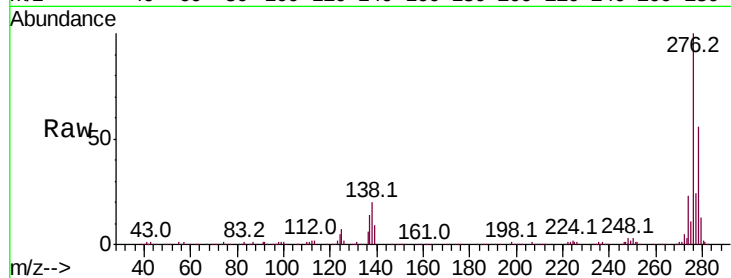
ClientSampleId :

EP1-Q3-C2MS

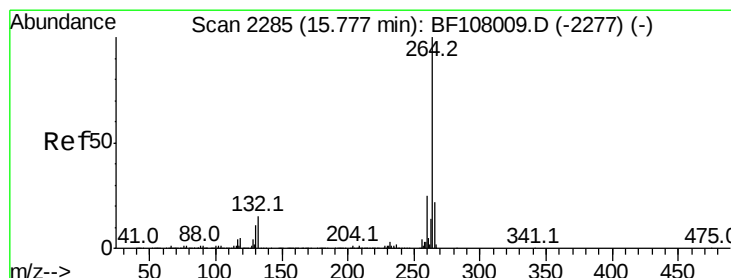
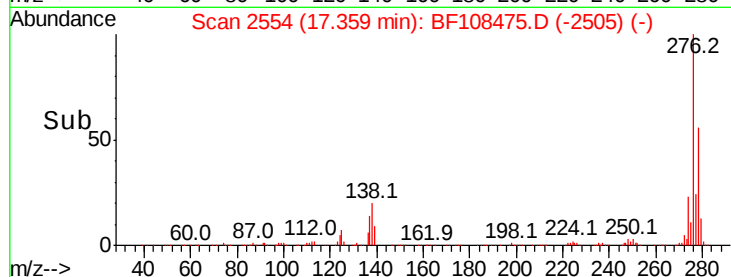
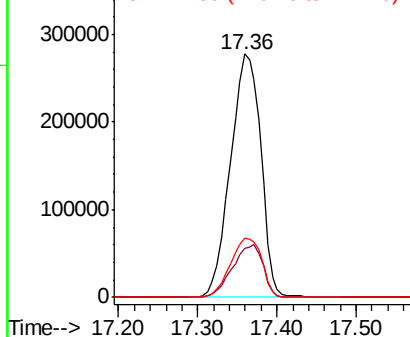
Tot Ion	Ratio	Resp	Lower	Upper
276	100	736116		
138	21.7	25.0	37.6	#
277	25.2	20.1	30.1	

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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

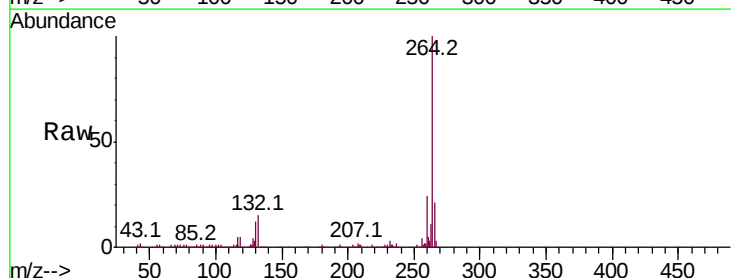
RT: 15.74 min Scan# 2279

Delta R.T. -0.02 min

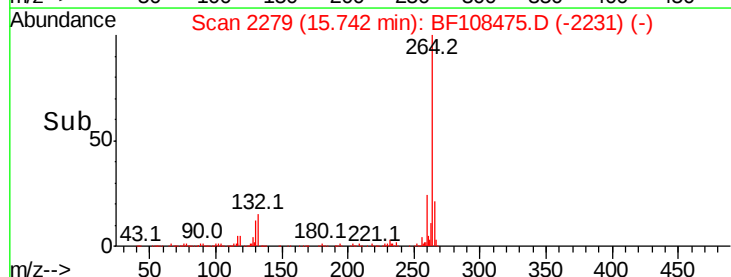
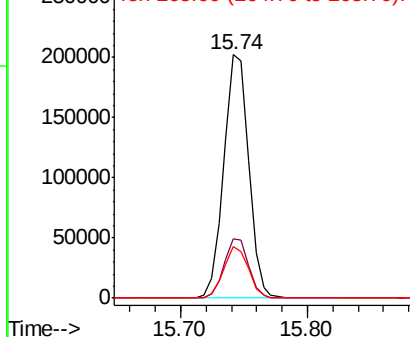
Lab File: BF108475.D

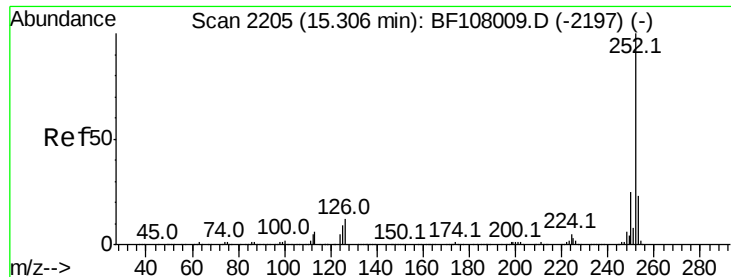
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	276023		
260	24.4	19.2	28.8	
265	21.4	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: 39.125 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Instrument :

BNA_F

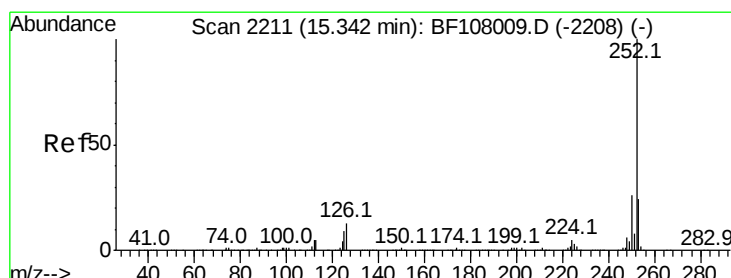
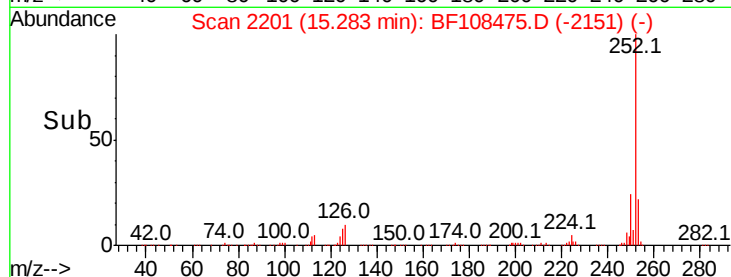
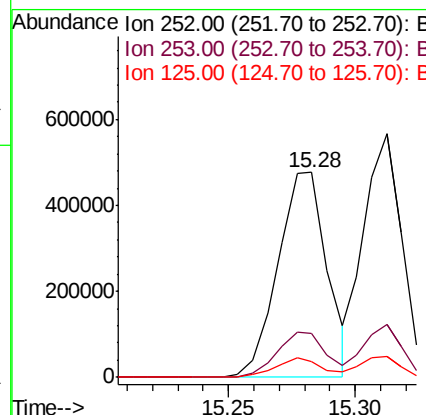
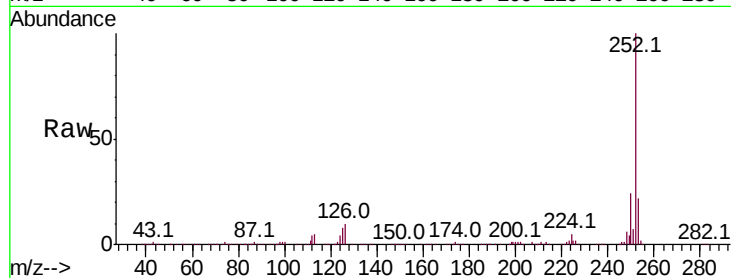
ClientSampleId :

EP1-Q3-C2MS

Tot Ion:	252	Resp:	645306
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.6
125	7.8	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 39.458 ng

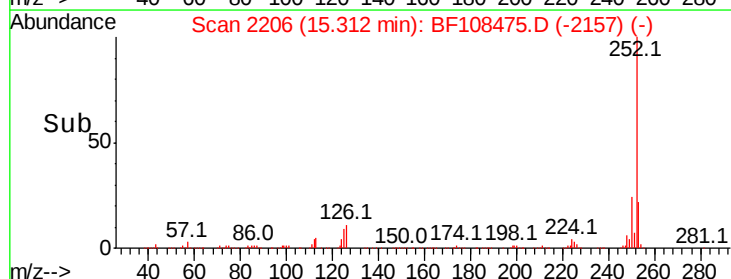
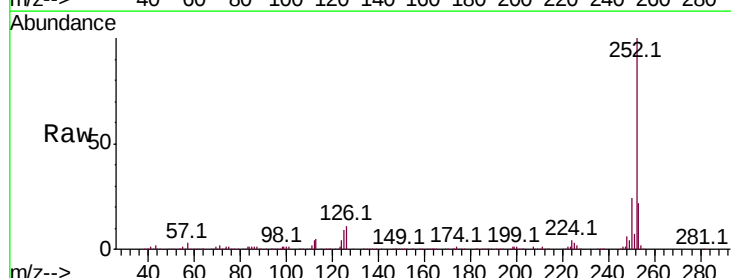
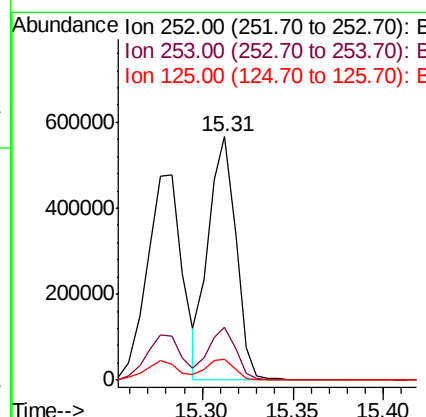
RT: 15.31 min Scan# 2206

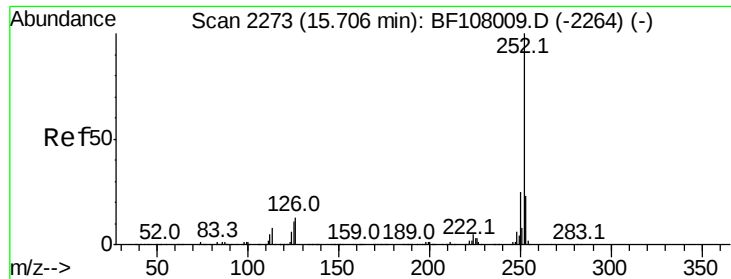
Delta R.T. -0.01 min

Lab File: BF108475.D

Acq: 24 Aug 2018 20:41

Tgt Ion:	252	Resp:	598249
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	8.6	10.2	15.2#





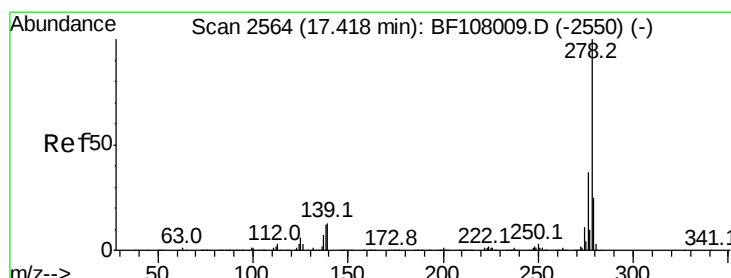
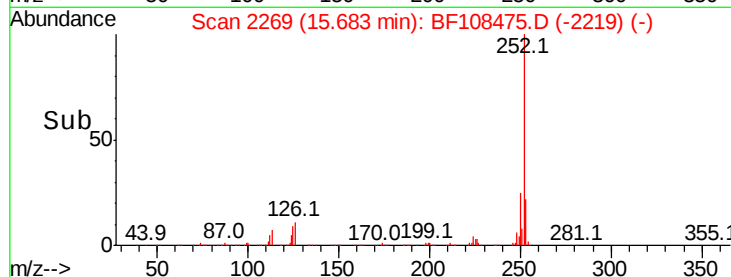
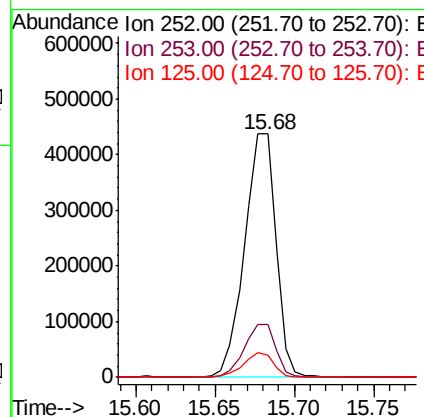
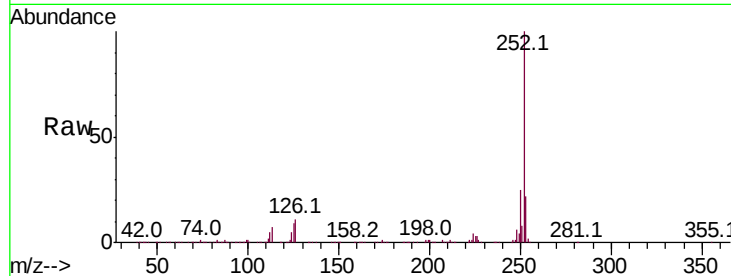
#89
Benzo(a)pyrene
Concen: 40.874 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.1	9.8	14.6

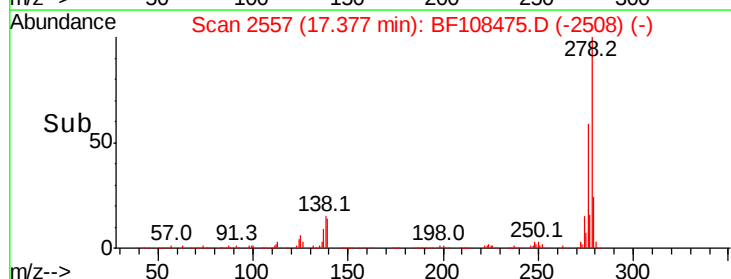
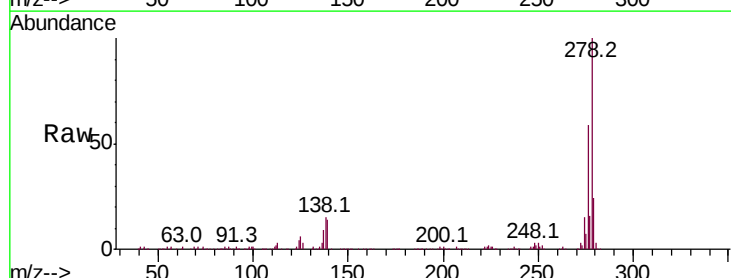
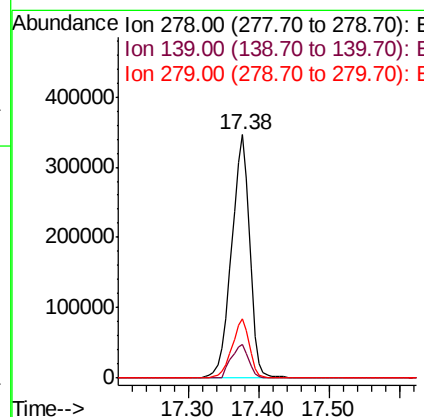
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#90
Dibenzo(a,h)anthracene
Concen: 50.555 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108475.D
Acq: 24 Aug 2018 20:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.282 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108475.D
 Acq: 24 Aug 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C2MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	17.5	21.8	32.8

Manual Integrations
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