

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108785.D
 Acq On : 5 Sep 2018 20:18
 Operator : JU/SJ
 Sample : J4741-17MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Manual Integrations
 APPROVED

Sohil
 9/6/2018 4:44:52 PM

Quant Time: Sep 06 05:54:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	294834	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1149973	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	520449	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	832168	20.00	ng	0.00
75) Chrysene-d12	13.87	240	508861	20.00	ng	0.00
86) Perylene-d12	15.27	264	526219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1503953	84.51	ng	0.01
7) Phenol-d6	6.37	99	2044322	89.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1208934	65.79	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	416075	83.74	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2016252	66.09	ng	0.00
78) Terphenyl-d14	12.82	244	1538914	70.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	230858	26.992	ng	93
3) Pyridine	3.08	79	117	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.10	42	312621	34.749	ng	89
6) Aniline	6.38	93	16828m	0.546	ng	
8) 2-Chlorophenol	6.52	128	647569	32.873	ng	97
9) Benzaldehyde	6.28	77	409474	25.206	ng	98
10) Phenol	6.38	94	798874	30.460	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	752990	35.840	ng	94
12) 1,3-Dichlorobenzene	6.68	146	665568	29.608	ng	99
13) 1,4-Dichlorobenzene	6.75	146	674444	30.002	ng	97
14) 1,2-Dichlorobenzene	6.91	146	638302	30.805	ng	98
15) Benzyl Alcohol	6.88	79	585514	33.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	947064	30.156	ng	97
17) 2-Methylphenol	7.00	107	551706	33.141	ng	99
18) Hexachloroethane	7.25	117	229851	28.357	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	473876	29.772	ng	96
20) 3+4-Methylphenols	7.14	107	643612	33.004	ng	# 62
22) Acetophenone	7.14	105	862668	33.054	ng	# 91
24) Nitrobenzene	7.31	77	680960	34.538	ng	99
25) Isophorone	7.55	82	1275231	34.791	ng	97
26) 2-Nitrophenol	7.63	139	295349	38.022	ng	99
27) 2,4-Dimethylphenol	7.67	122	591157	37.477	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	825049	33.667	ng	99
29) 2,4-Dichlorophenol	7.87	162	544624	33.484	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	544423	30.886	ng	96
31) Naphthalene	8.04	128	1798236	34.757	ng	99
32) Benzoic acid	7.75	122	113852	15.149	ng	99
33) 4-Chloroaniline	8.12	127	664859	27.980	ng	98
34) Hexachlorobutadiene	8.17	225	312817	29.706	ng	98
35) Caprolactam	8.44	113	174828m	31.721	ng	
36) 4-Chloro-3-methylphenol	8.57	107	565799	32.654	ng	99
37) 2-Methylnaphthalene	8.73	142	1193638	34.922	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	511418	32.872	ng	98
40) Hexachlorocyclopentadiene	8.89	237	234636	29.979	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	373183	35.217	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	391815	35.670	nq	95
45) 1,1'-Biphenyl	9.19	154	1379886	34.439	nq	99
46) 2-Chloronaphthalene	9.21	162	1091079	33.671	nq	99
47) 2-Nitroaniline	9.30	65	335702	37.922	nq	91
48) Acenaphthylene	9.62	152	1707590	35.353	nq	98
49) Dimethylphthalate	9.50	163	1736272	47.697	nq	# 98
50) 2,6-Dinitrotoluene	9.55	165	248012	35.755	nq	96
51) Acenaphthene	9.80	154	1016788	34.018	nq	99
52) 3-Nitroaniline	9.71	138	255194	30.907	nq	# 95
53) 2,4-Dinitrophenol	9.81	184	62731	31.057	nq	# 26
54) Dibenzofuran	9.97	168	1454799	33.390	nq	97
55) 4-Nitrophenol	9.87	139	382262	61.928	nq	98
56) 2,4-Dinitrotoluene	9.95	165	301007	33.933	nq	# 97
57) Fluorene	10.31	166	1023068	36.590	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	293251	33.105	nq	89
59) Diethylphthalate	10.20	149	1268231	33.760	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	497479	33.315	nq	93
61) 4-Nitroaniline	10.32	138	210234	28.106	nq	99
62) Azobenzene	10.47	77	1252977	32.313	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	51426	20.334	nq	96
65) n-Nitrosodiphenylamine	10.42	169	1011231	36.549	nq	97
66) 4-Bromophenyl-phenylether	10.80	248	335837	35.731	nq	# 85
67) Hexachlorobenzene	10.86	284	339280	33.815	nq	# 90
68) Atrazine	10.95	200	286243	32.317	nq	97
69) Pentachlorophenol	11.05	266	306015	49.887	nq	98
70) Phenanthrene	11.27	178	1438519	36.199	nq	99
71) Anthracene	11.32	178	1468375	38.592	nq	99
72) Carbazole	11.47	167	1254190	31.300	nq	99
73) Di-n-butylphthalate	11.81	149	1674091	37.622	nq	99
74) Fluoranthene	12.45	202	1347743	34.253	nq	98
76) Benzidine	12.55	184	90255	3.742	nq	# 86
77) Pyrene	12.67	202	1339986	34.222	nq	99
79) Butylbenzylphthalate	13.30	149	600643	34.063	nq	98
80) Benzo(a)anthracene	13.85	228	1172335	35.943	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	238502	18.769	nq	97
82) Chrysene	13.89	228	1130006	35.788	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1217304	54.934	nq	100
84) Di-n-octyl phthalate	14.47	149	1358085	36.761	nq	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	877248	31.394	nq	96
87) Benzo(b)fluoranthene	14.87	252	1094176	38.240	nq	98
88) Benzo(k)fluoranthene	14.90	252	964179	36.591	nq	97
89) Benzo(a)pyrene	15.21	252	942307	36.498	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	743485	32.681	nq	97
91) Benzo(g,h,i)perylene	17.02	276	727003	31.916	nq	94

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

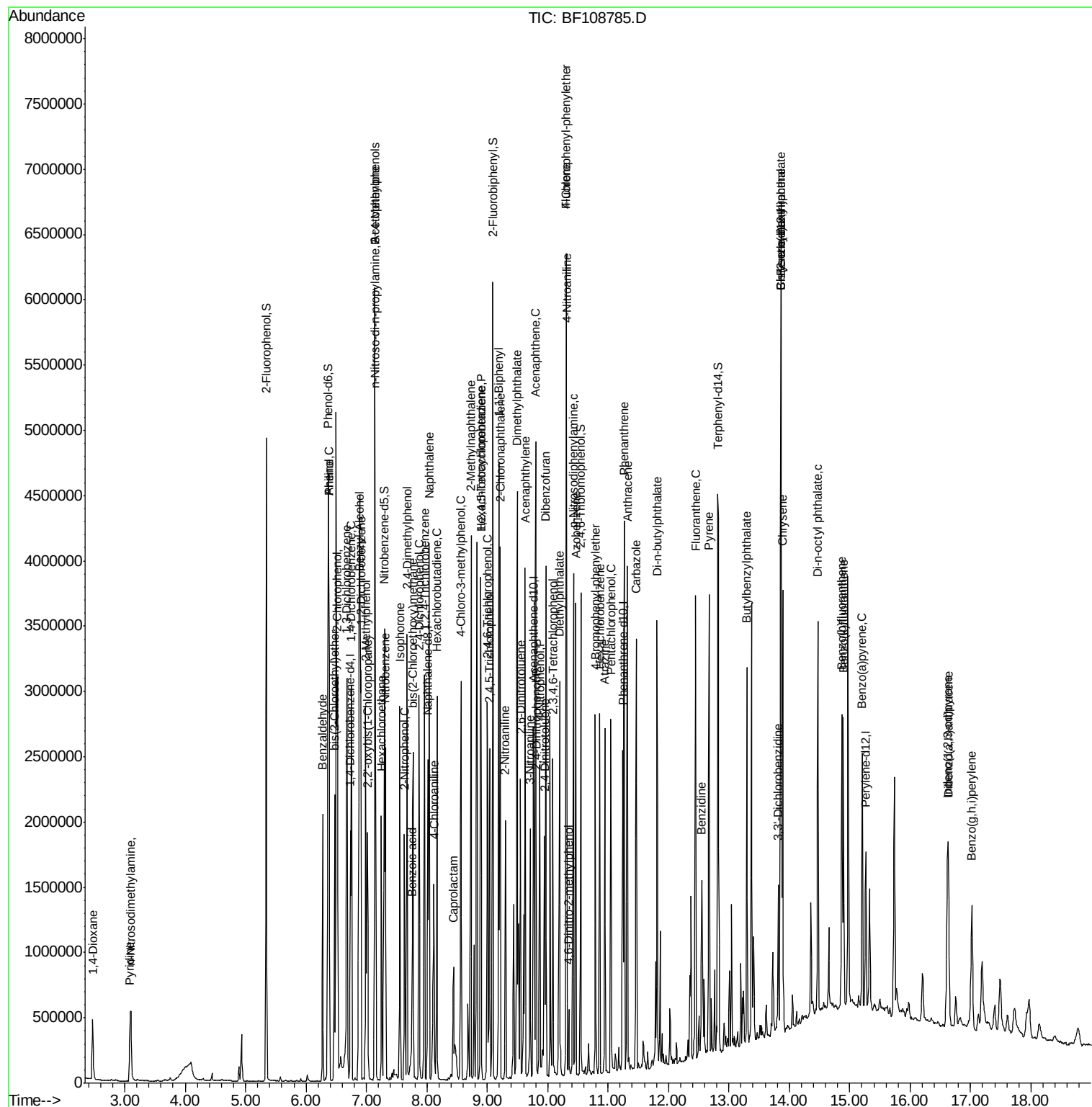
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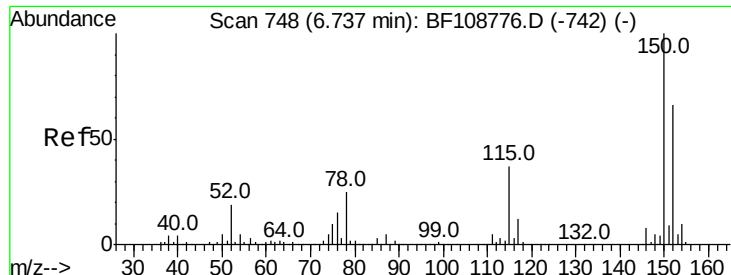
Instrument :
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#1

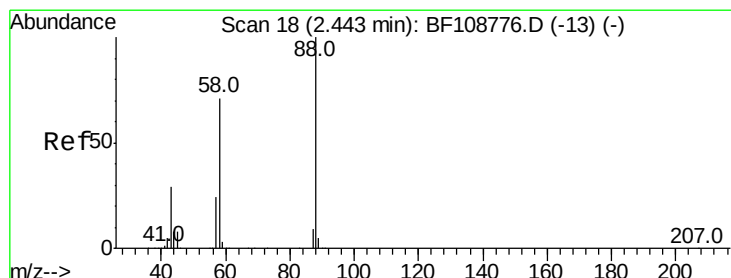
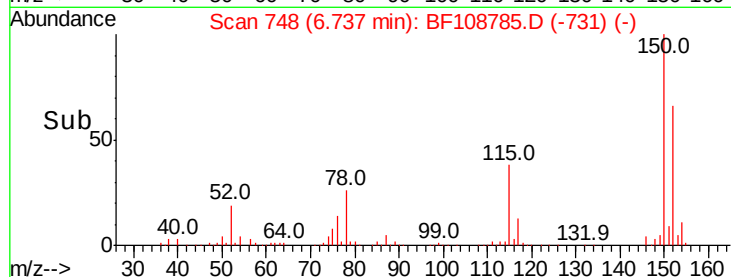
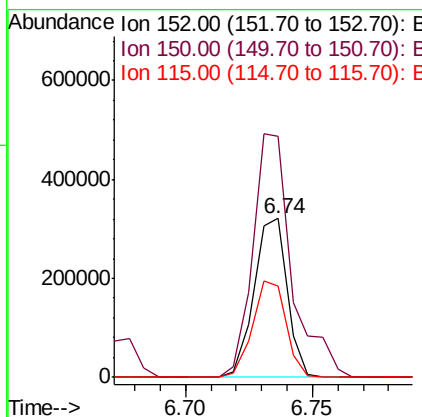
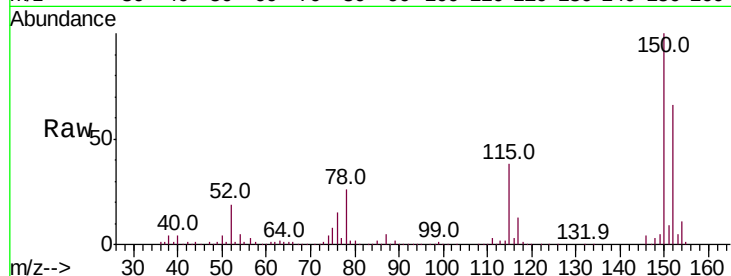
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	57.3	50.1	75.1

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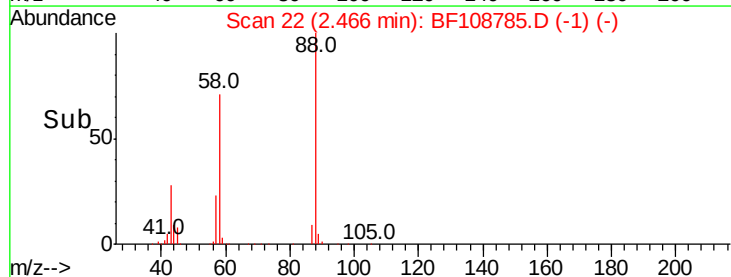
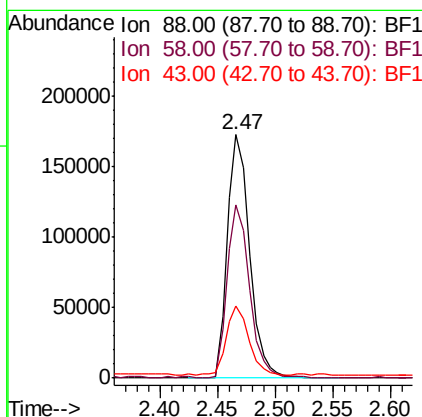
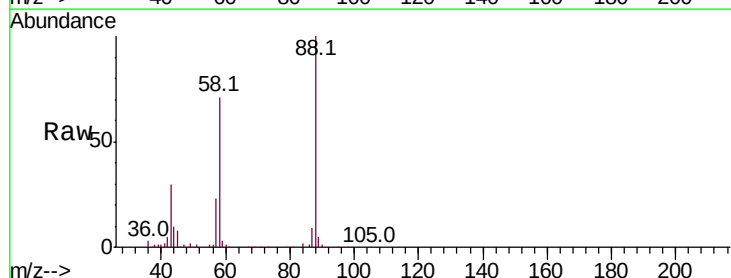
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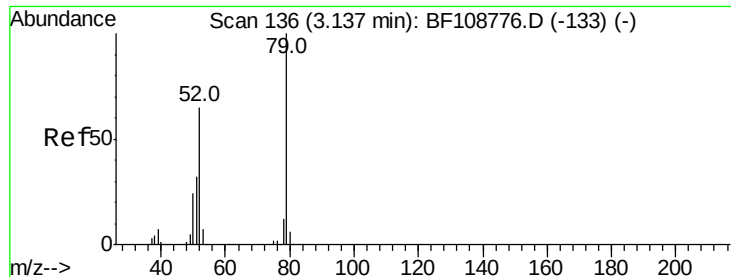


#2

1,4-Dioxane
Concen: 26.992 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	62.6	93.8
43	28.3	24.6	37.0





#3

Pvridine

Concen: 0.005 ng

RT: 3.08 min Scan# 126

Delta R.T. -0.06 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

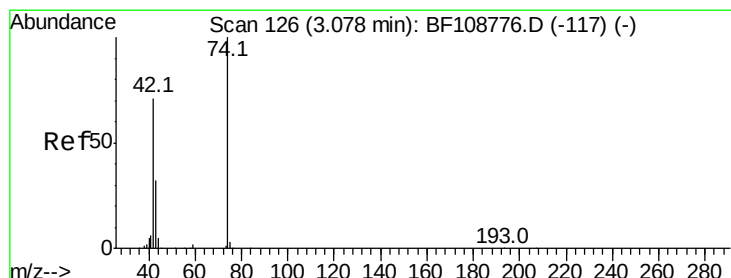
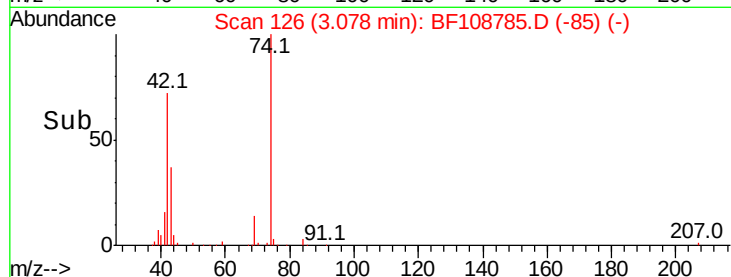
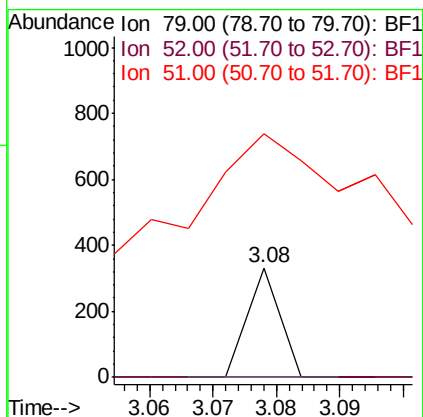
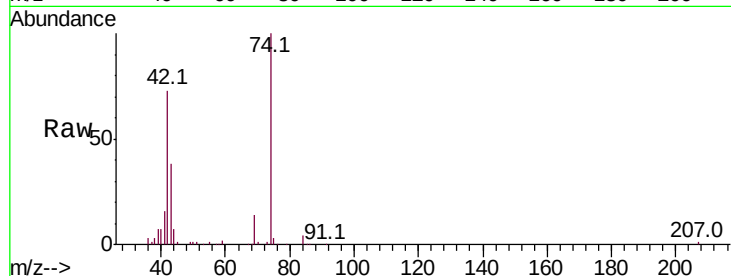
ClientSampleId :

AOC3-01-AMSD

Tot Ion:	79	Resp:	117
Ion Ratio	Lower	Upper	
79	100		
52	0.0	59.8	89.6#
51	223.0	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 34.749 ng

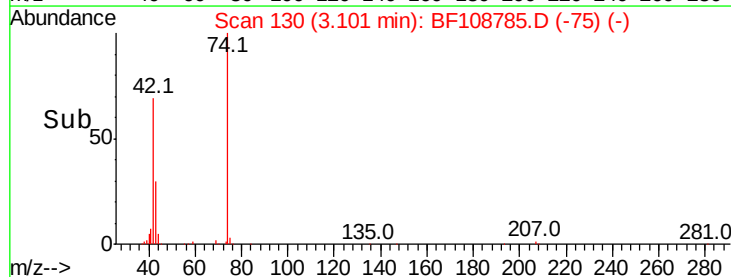
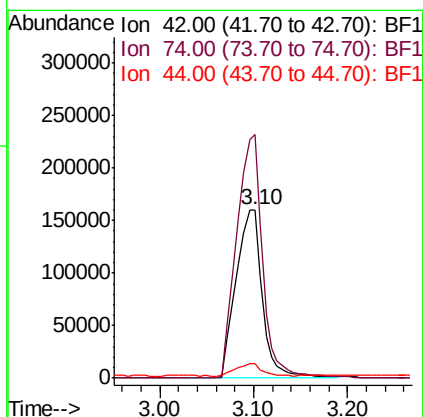
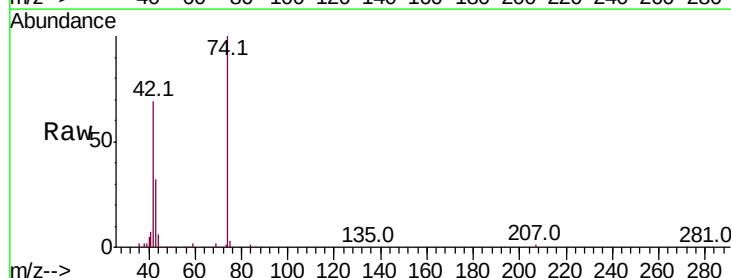
RT: 3.10 min Scan# 130

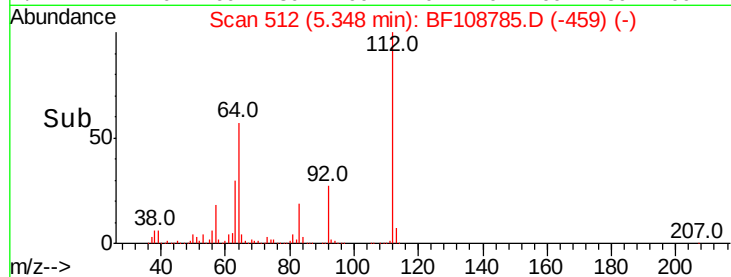
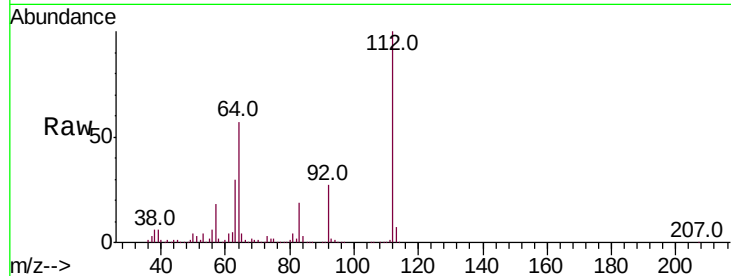
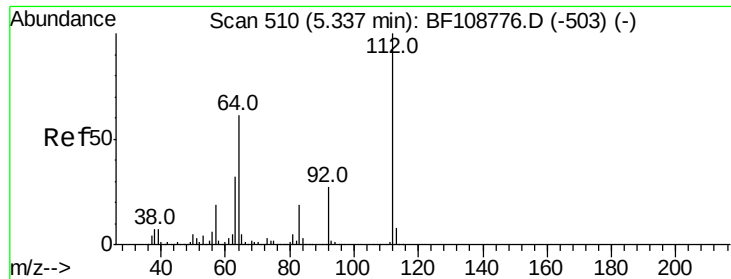
Delta R.T. 0.02 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:	42	Resp:	312621
Ion Ratio	Lower	Upper	
42	100		
74	144.7	104.9	157.3
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 84.507 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:112 Resp: 1503953

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

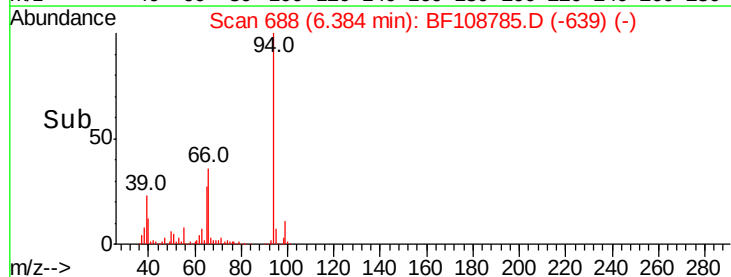
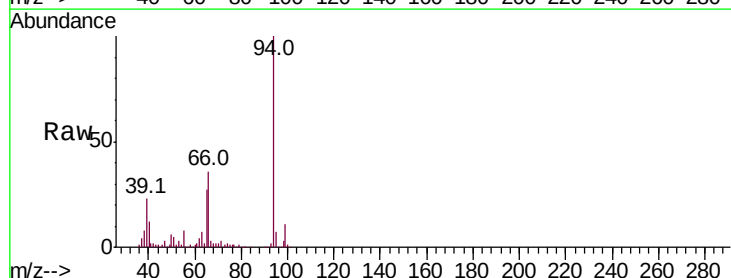
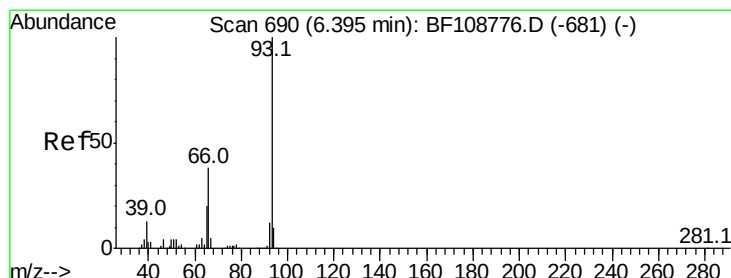
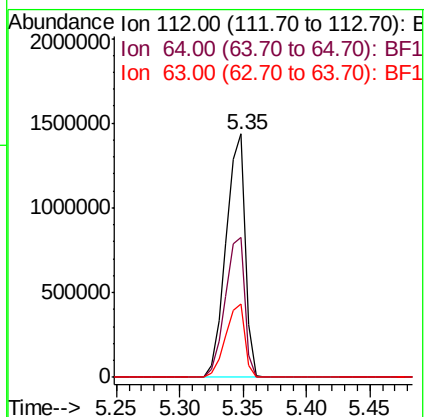
63 30.2 23.7 35.5

Manual Integrations

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#6

Aniline

Concen: 0.546 ng m

RT: 6.38 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

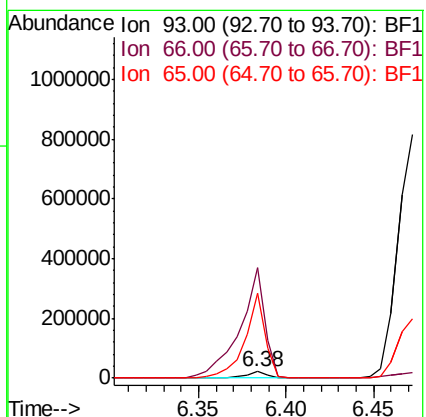
Tgt Ion: 93 Resp: 16828

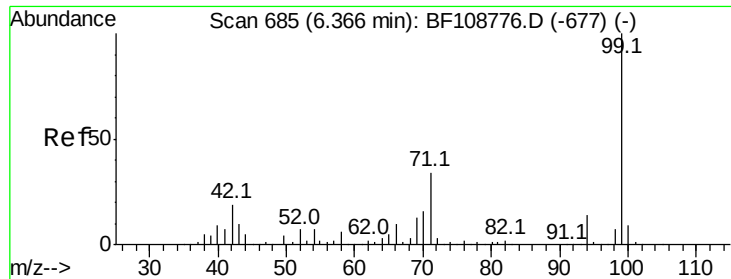
Ion Ratio Lower Upper

93 100

66 1735.4 32.2 48.2#

65 1326.7 16.4 24.6#





#7

Phenol-d6

Concen: 89.278 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion: 99 Resp: 2044322

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

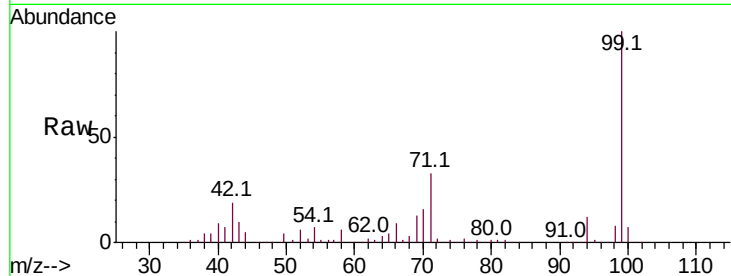
71 33.2 25.4 38.0

Manual Integrations

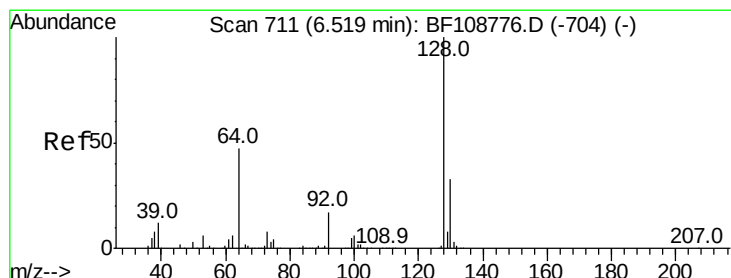
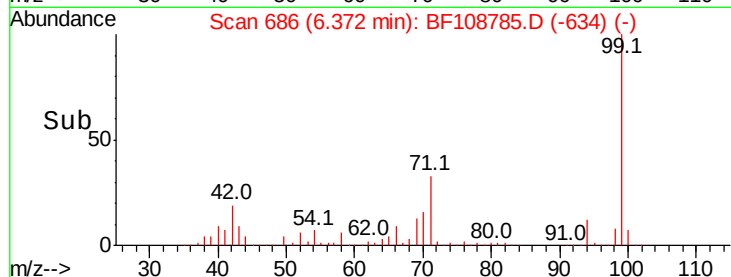
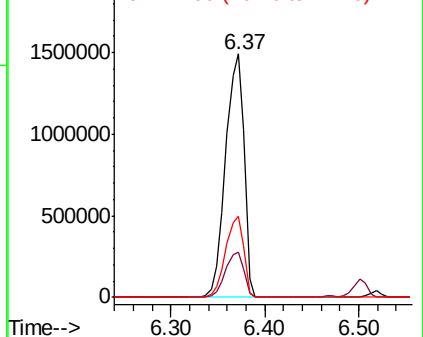
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.873 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

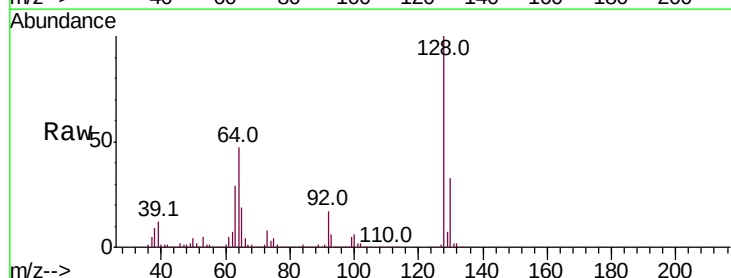
Tgt Ion:128 Resp: 647569

Ion Ratio Lower Upper

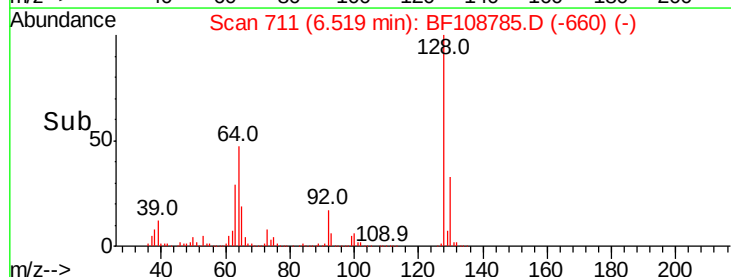
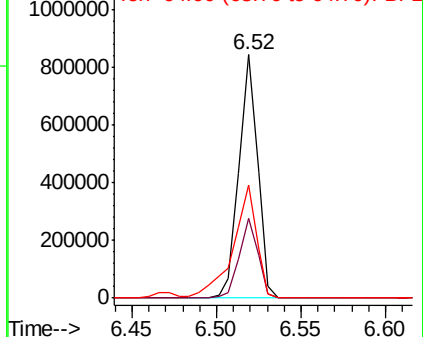
128 100

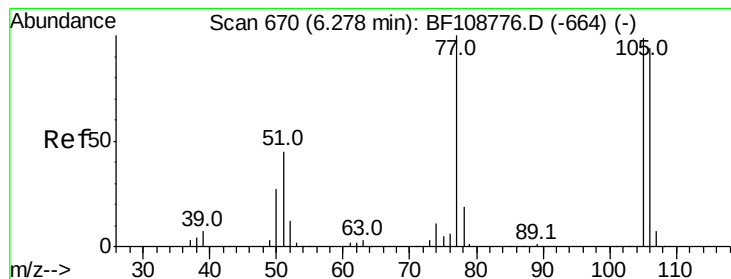
130 32.7 13.0 53.0

64 46.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 25.206 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108785.D

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Instrument :

BNA_F

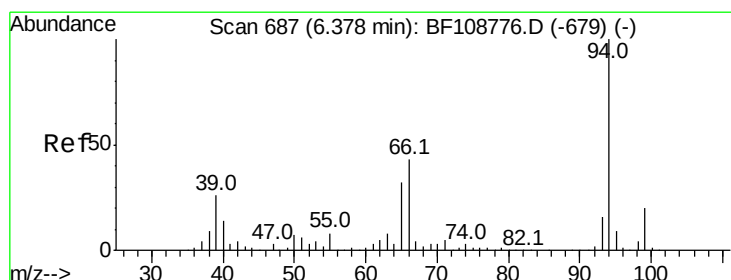
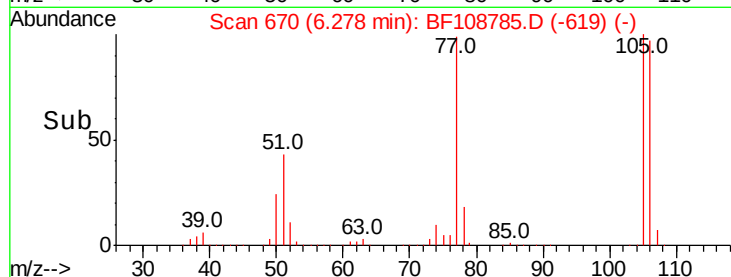
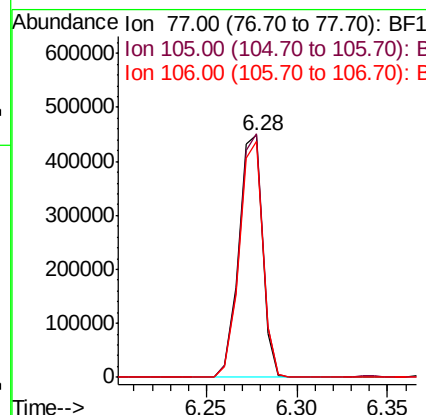
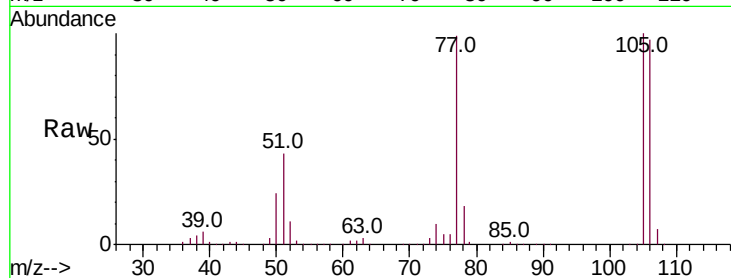
ClientSampleId :

AOC3-01-AMSD

Tot Ion: 77 Resp: 409474
 Ion Ratio Lower Upper
 77 100
 105 100.7 81.1 121.1
 106 97.7 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 30.460 ng

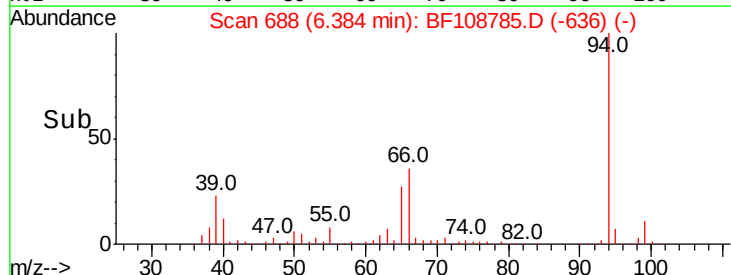
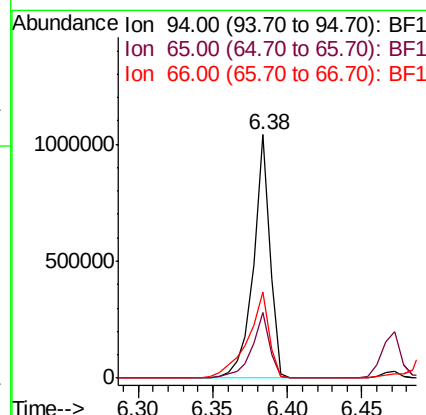
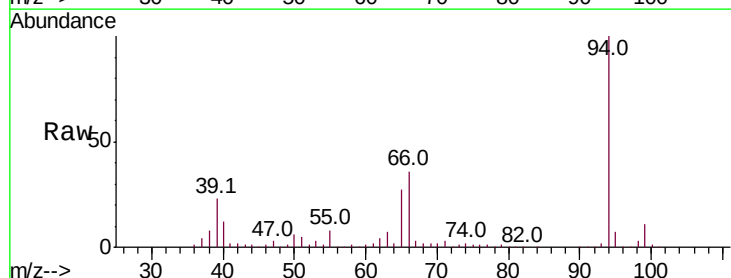
RT: 6.38 min Scan# 688

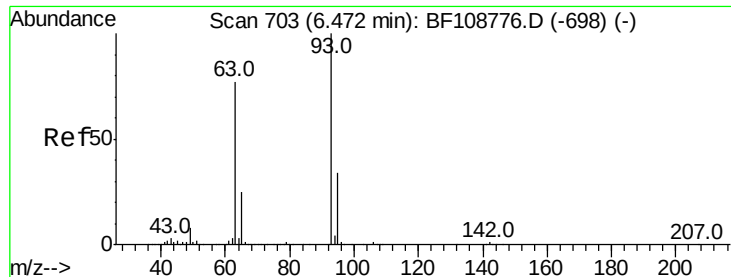
Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion: 94 Resp: 798874
 Ion Ratio Lower Upper
 94 100
 65 27.2 7.9 47.9
 66 35.6 16.2 56.2





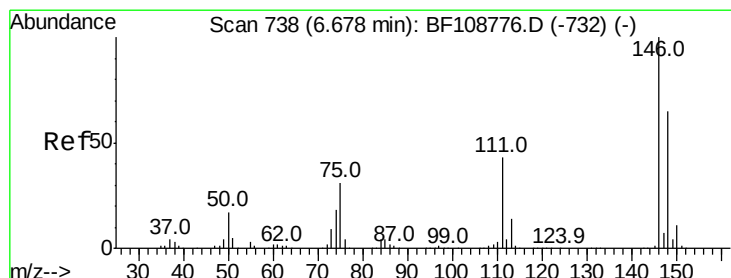
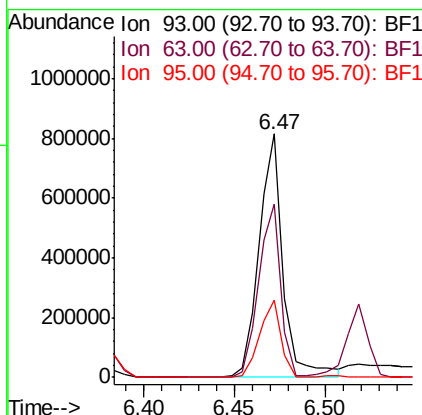
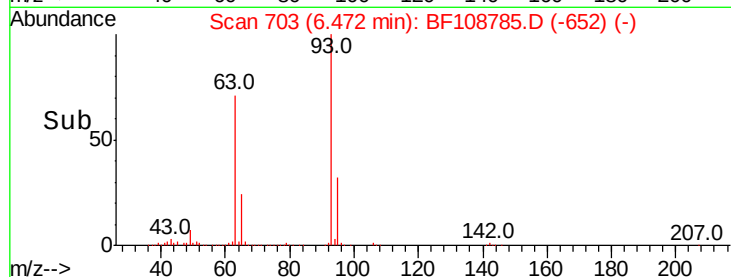
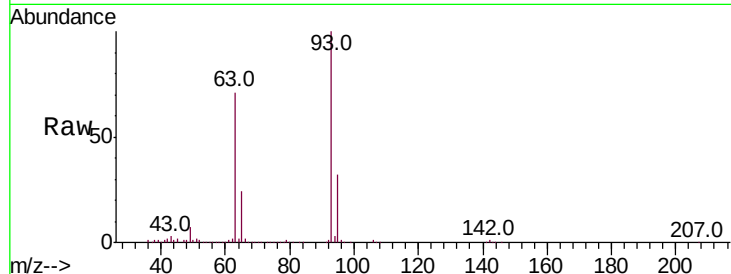
#11
bis(2-Chloroethyl)ether
Concen: 35.840 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	93	Resp	752990
Ion Ratio	100	Lower	Upper
93	100		
63	71.1	58.6	98.6
95	31.6	11.8	51.8

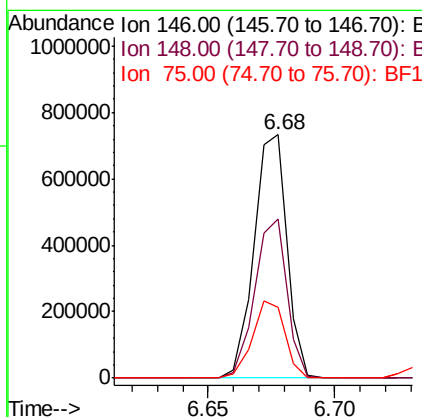
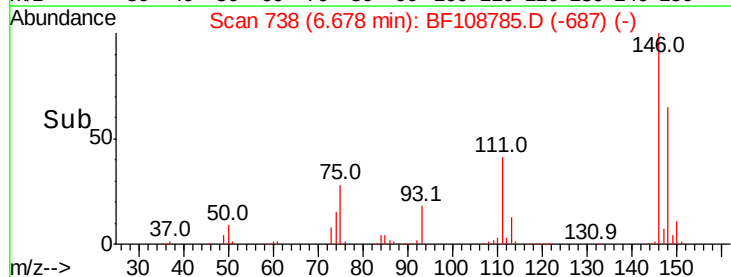
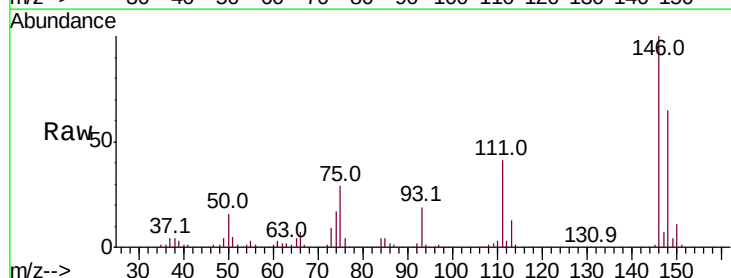
Manual Integrations
APPROVED

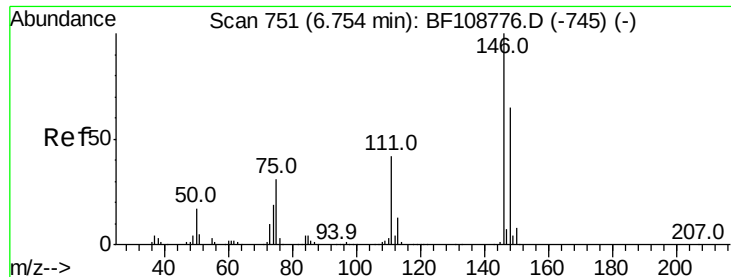
Sohil
9/6/2018 4:44:52 PM



#12
1,3-Dichlorobenzene
Concen: 29.608 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	146	Resp	665568
Ion Ratio	100	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	29.1	24.2	36.4





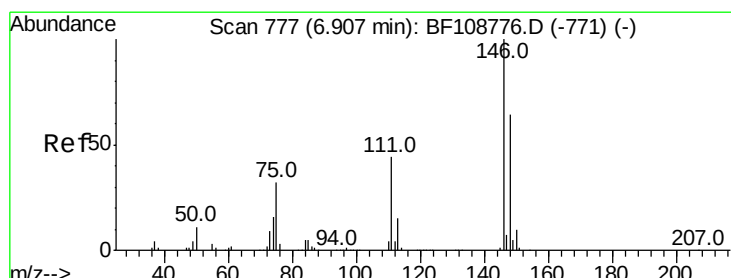
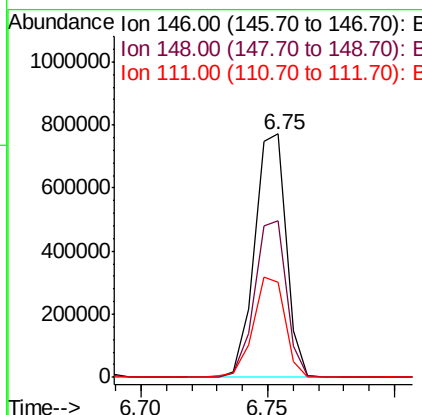
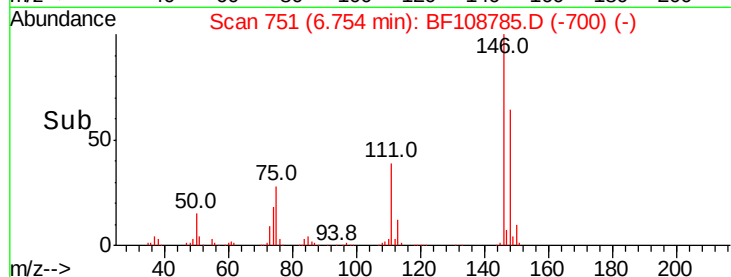
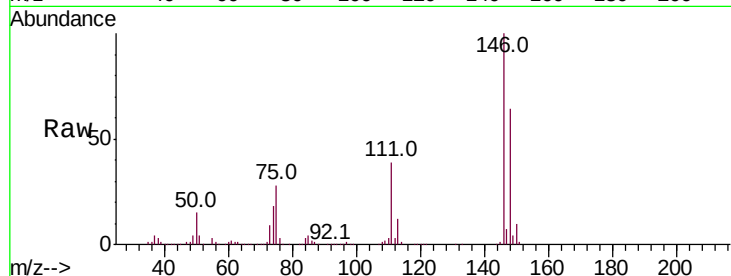
#13
1,4-Dichlorobenzene
Concen: 30.002 ng
RT: 6.75 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.0	34.2	51.2

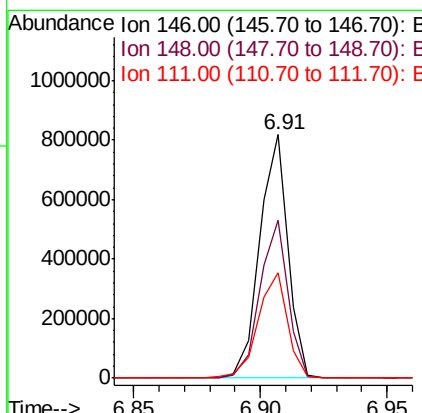
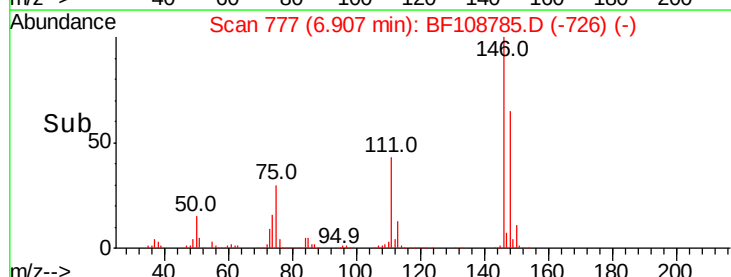
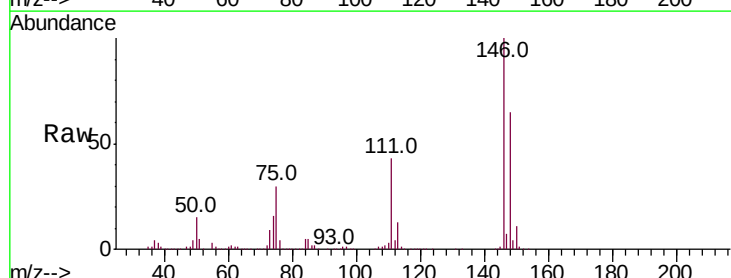
Manual Integrations
APPROVED

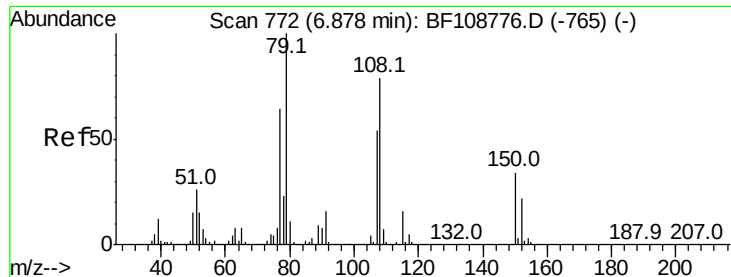
Sohil
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#14
1,2-Dichlorobenzene
Concen: 30.805 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	43.1	36.0	54.0





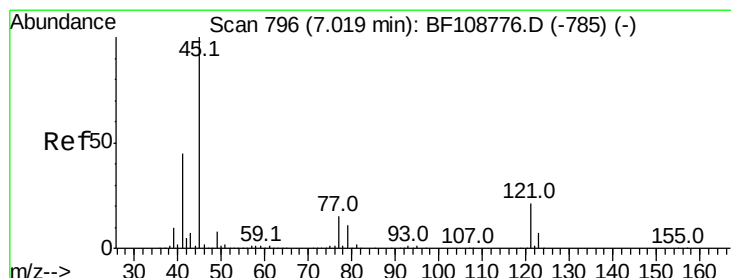
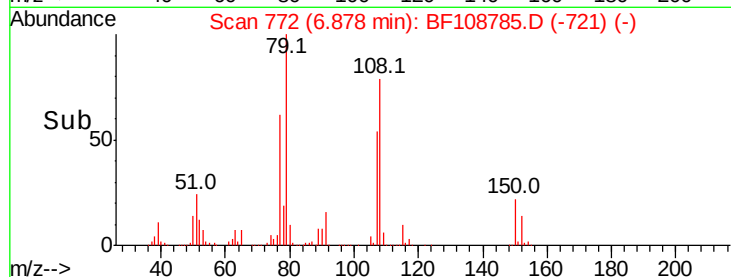
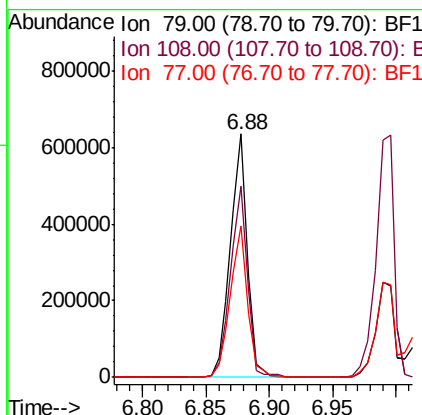
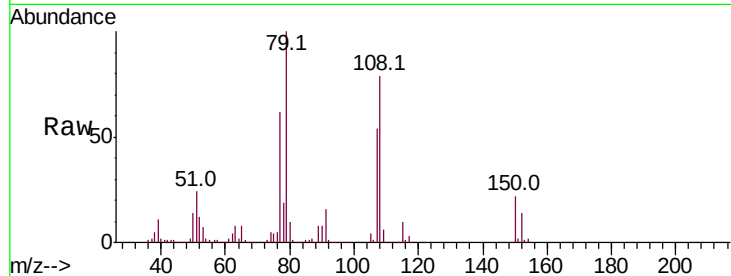
#15
Benzyl Alcohol
Concen: 33.319 ng
RT: 6.88 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.1	97.7
77	62.0	50.6	75.8

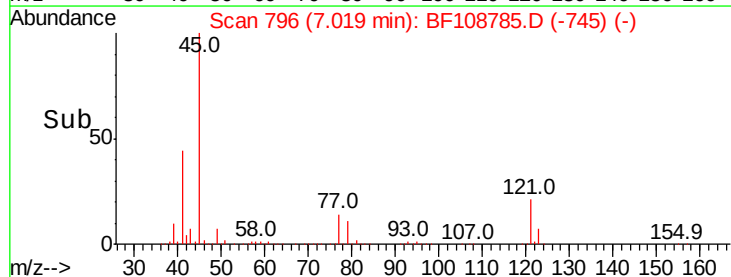
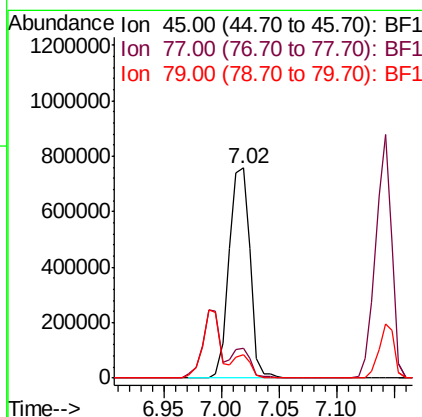
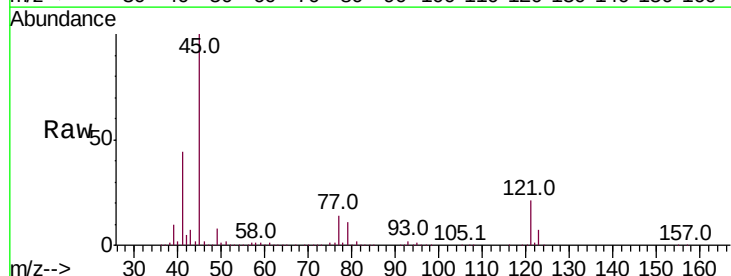
Manual Integrations
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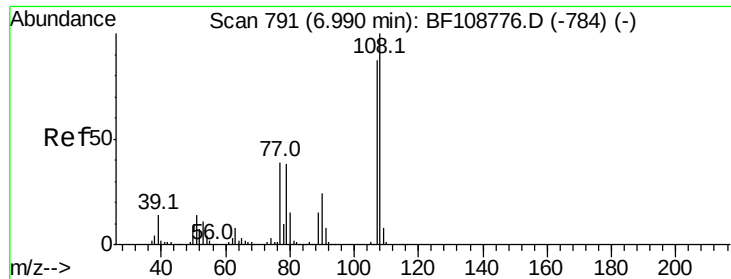
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.156 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.9
79	10.9	0.0	29.6





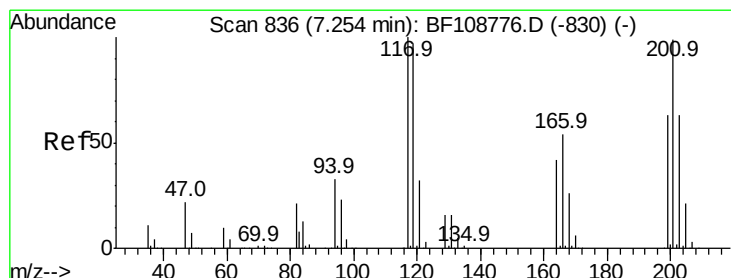
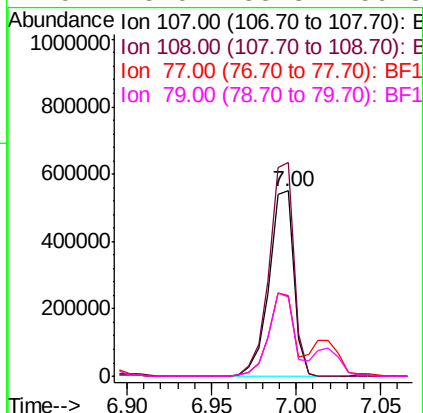
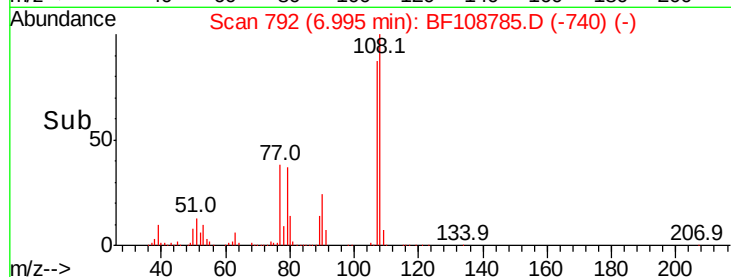
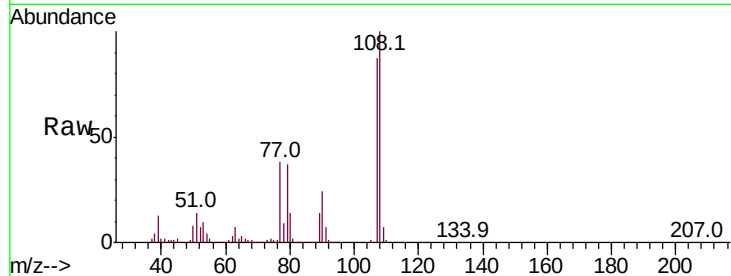
#17
2-Methylphenol
Concen: 33.141 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.7	137.5	
77	43.7	33.8	50.8	
79	43.0	33.8	50.8	

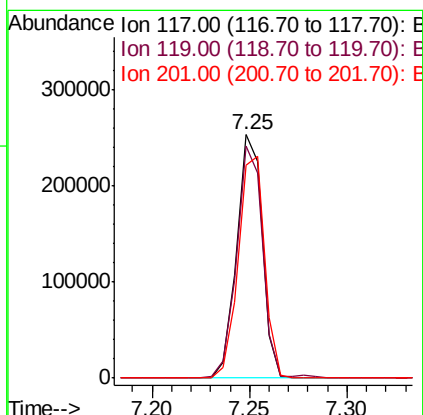
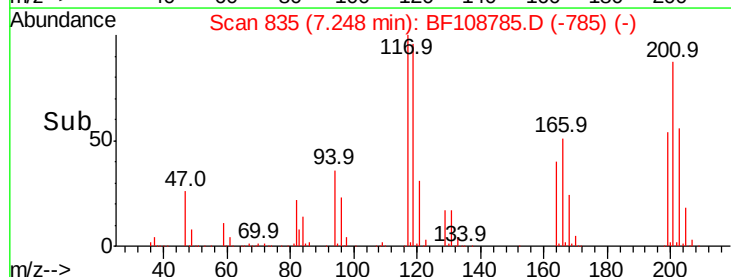
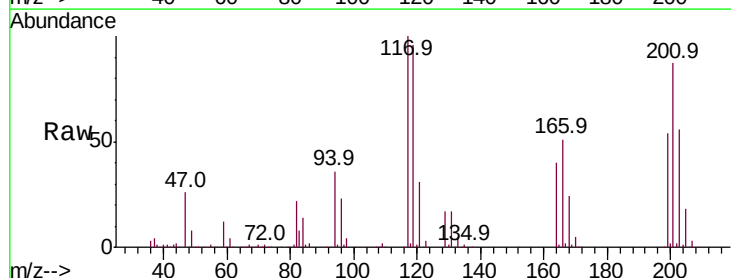
Manual Integrations
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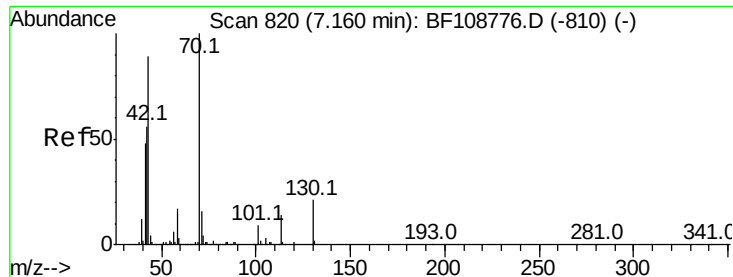
Sohil
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#18
Hexachloroethane
Concen: 28.357 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	87.4	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 29.772 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

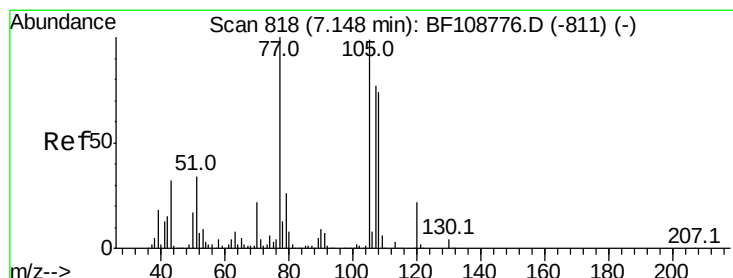
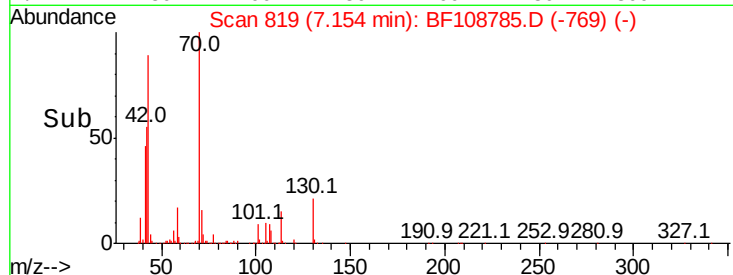
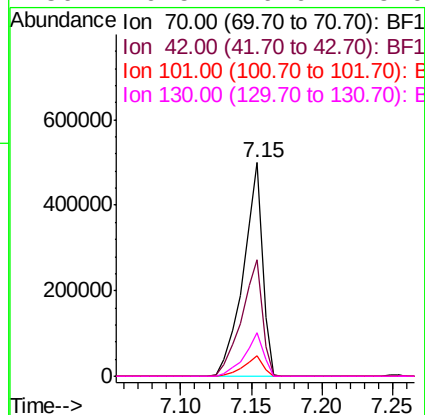
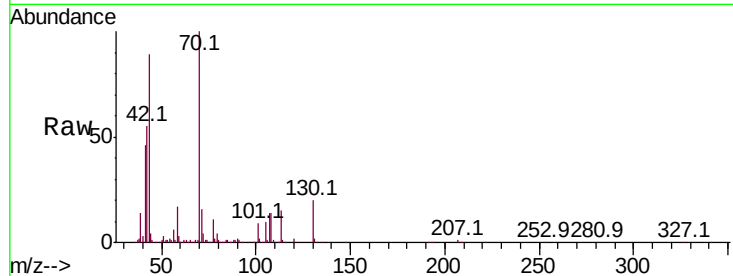
ClientSampleId :

AOC3-01-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	47.5	71.3	
101	9.5	7.4	11.2	
130	20.5	16.6	25.0	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 33.004 ng

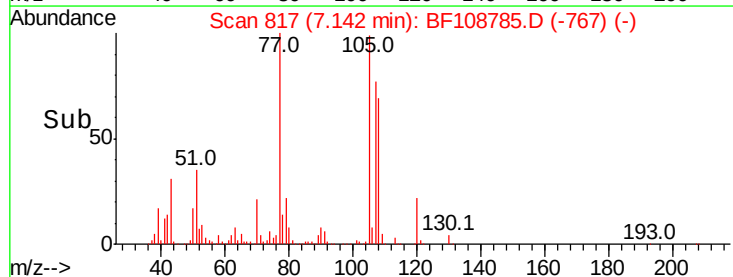
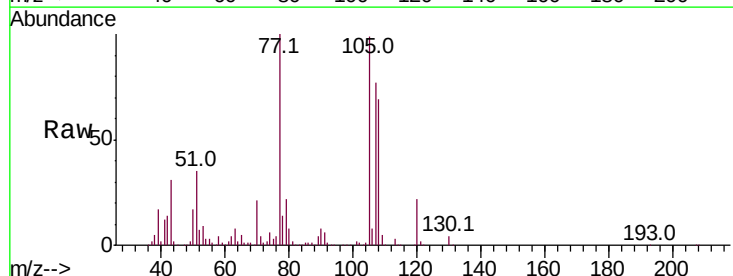
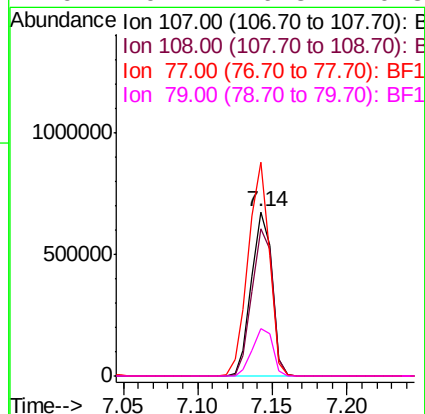
RT: 7.14 min Scan# 817

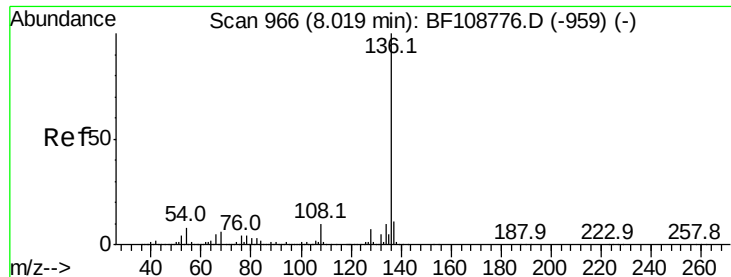
Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	68.2	108.2	
77	130.1	26.7	66.7#	
79	29.1	6.3	46.3	





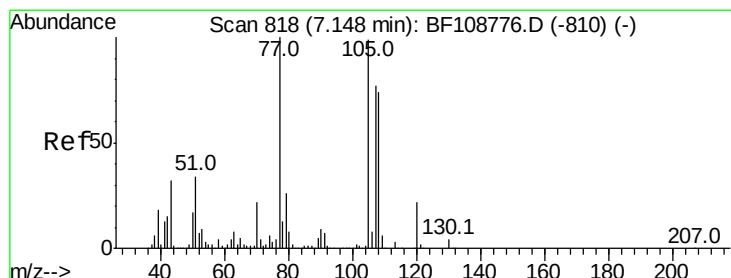
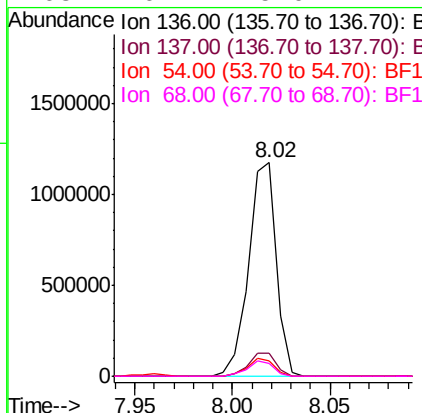
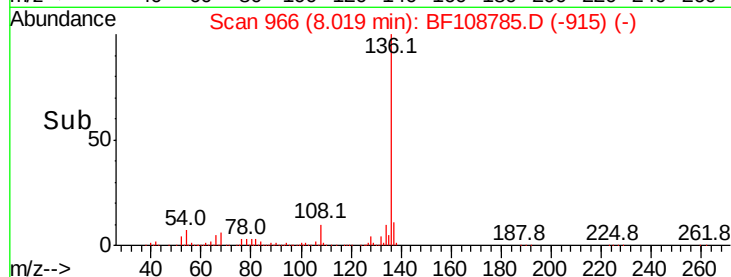
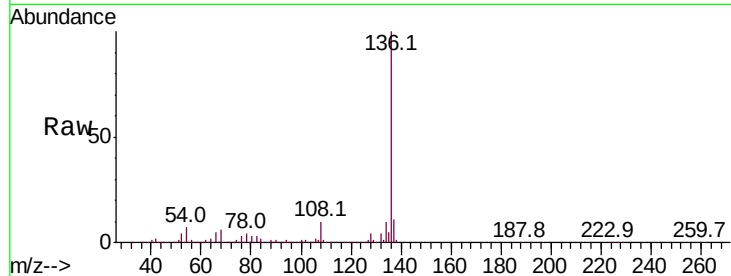
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	6.1	5.0	7.4

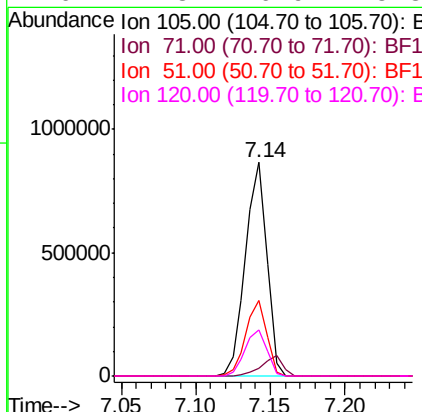
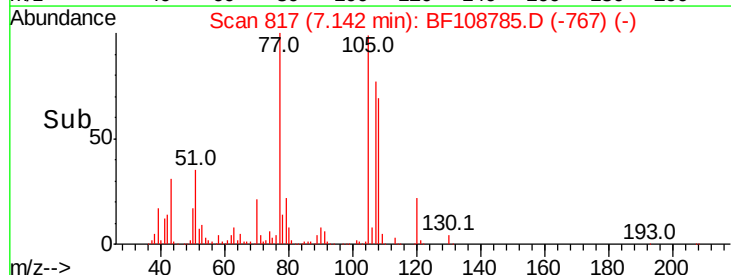
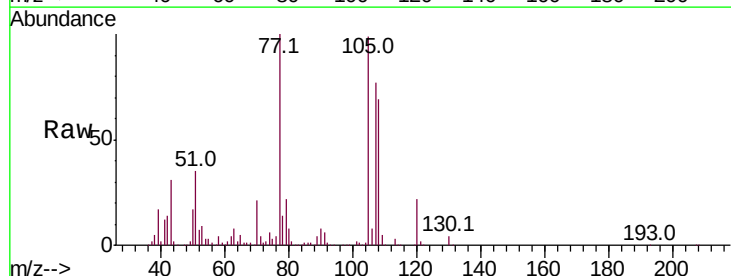
Manual Integrations
APPROVED

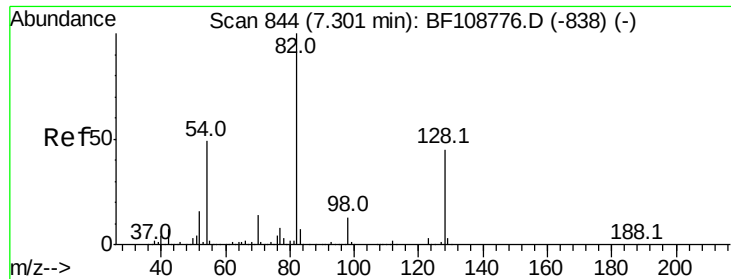
Sohil
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#22
Acetophenone
Concen: 33.054 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.4	6.6#
51	35.6	22.3	33.5#
120	21.8	16.9	25.3





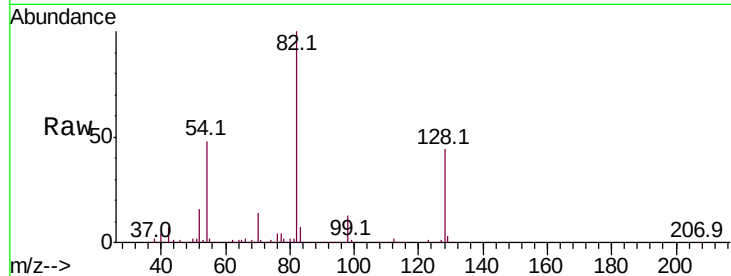
#23
Nitrobenzene-d5
Concen: 65.790 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	48.0	41.4	62.2

Manual Integrations
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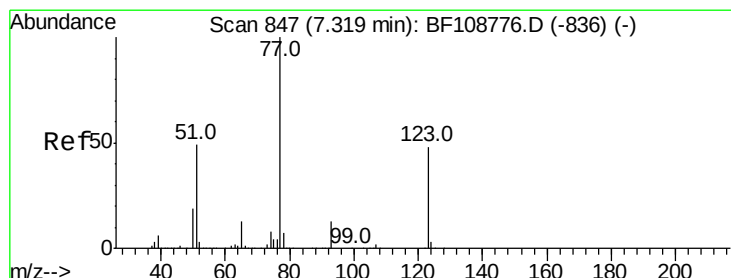
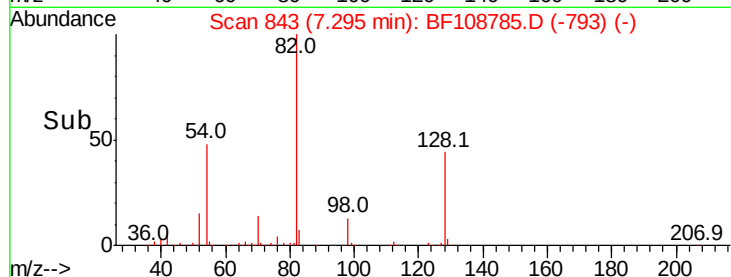
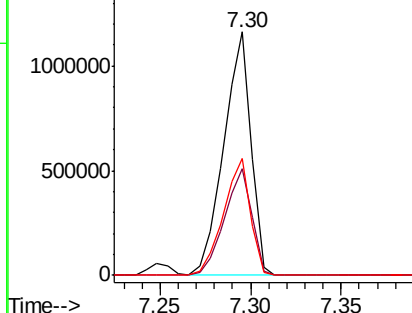


Abundance

Ion 82.00 (81.70 to 82.70): BF1

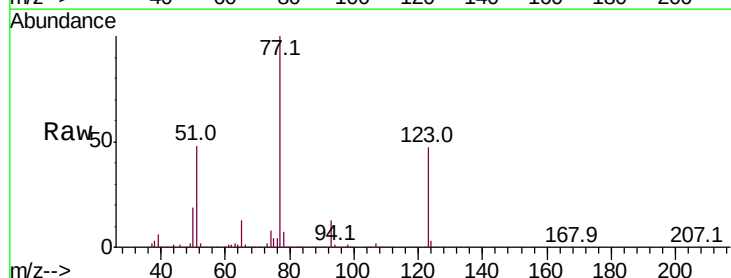
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 34.538 ng
RT: 7.31 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	13.4	11.0	16.4

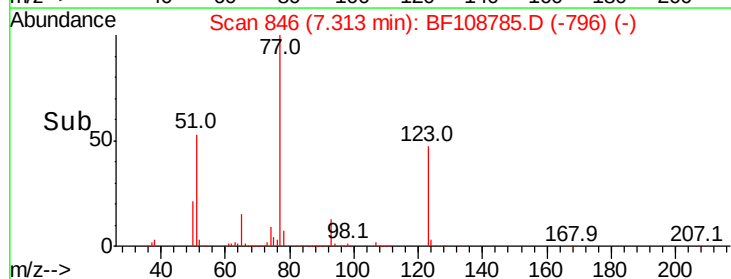
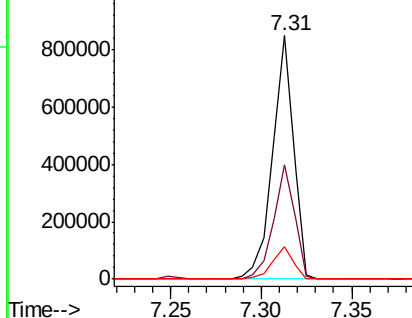


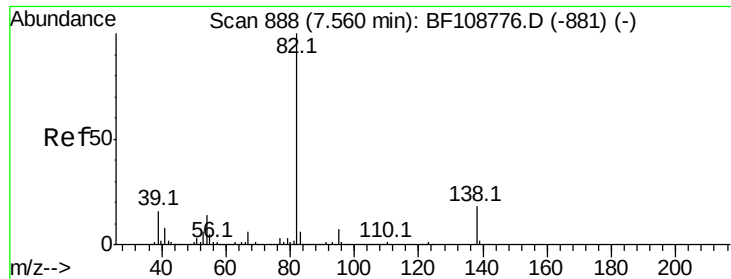
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.791 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion: 82 Resp: 1275231

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

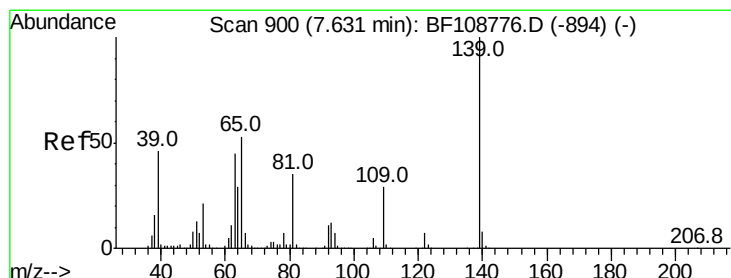
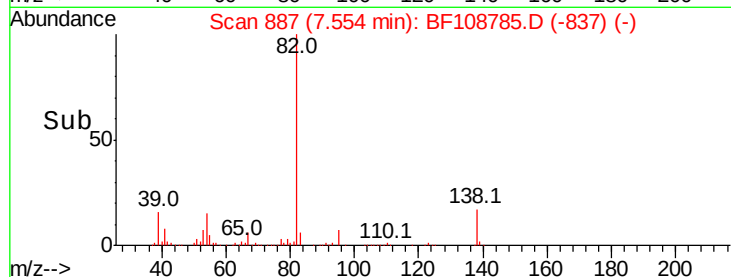
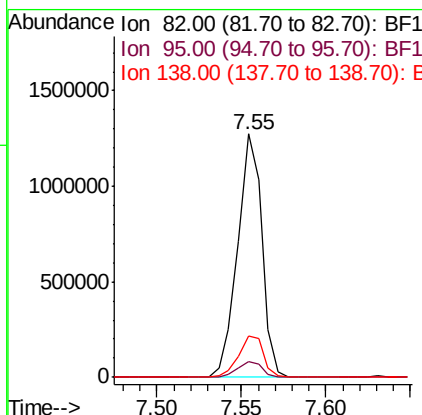
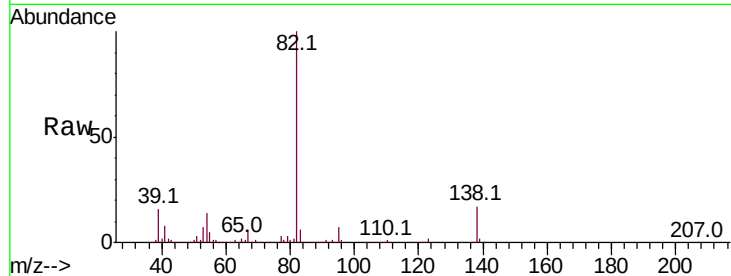
138 17.1 14.9 22.3

Manual Integrations

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Sohil

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#26

2-Nitrophenol

Concen: 38.022 ng

RT: 7.63 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

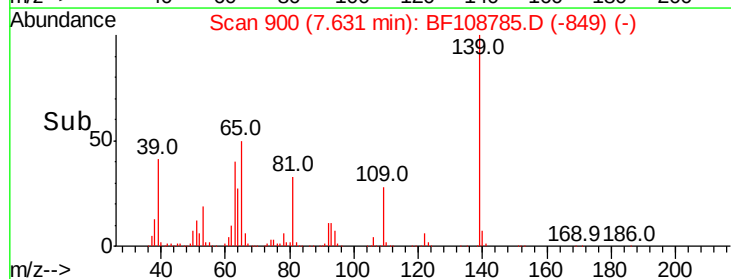
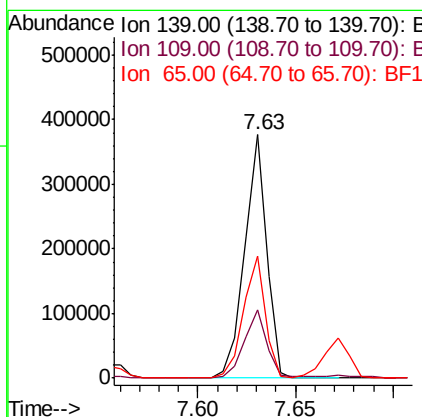
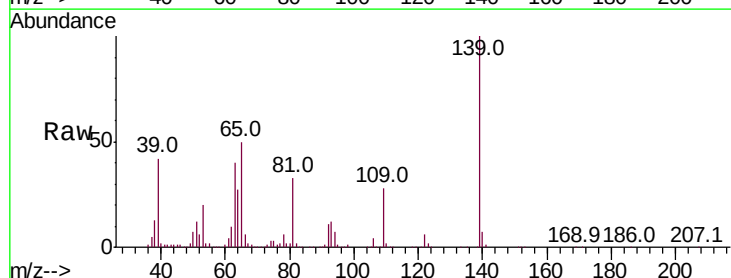
Tgt Ion: 139 Resp: 295349

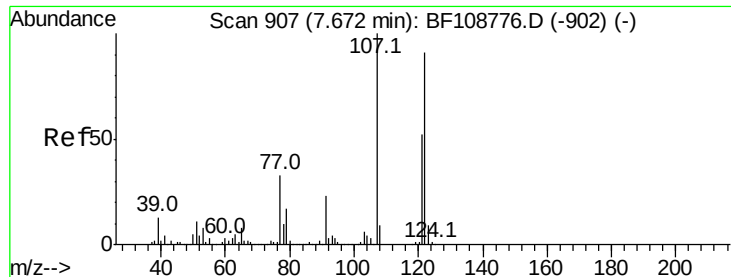
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 50.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.477 ng

RT: 7.67 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

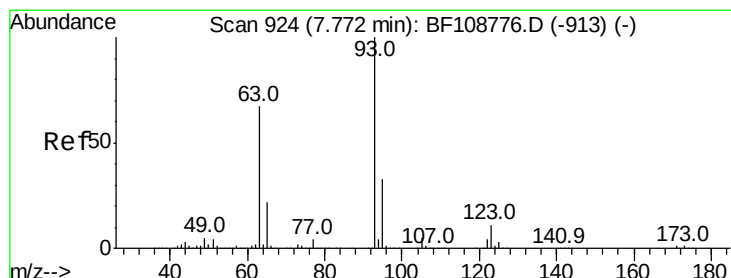
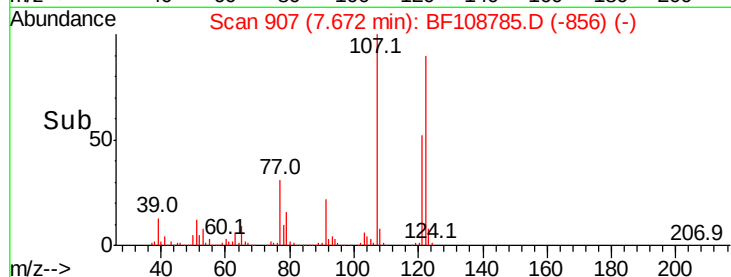
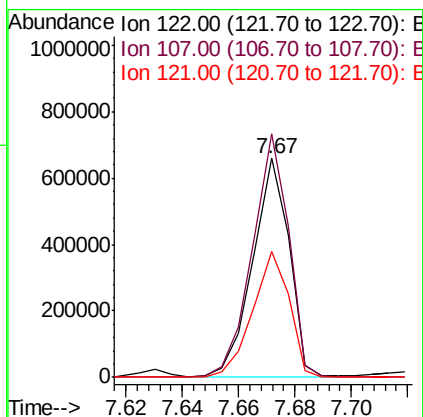
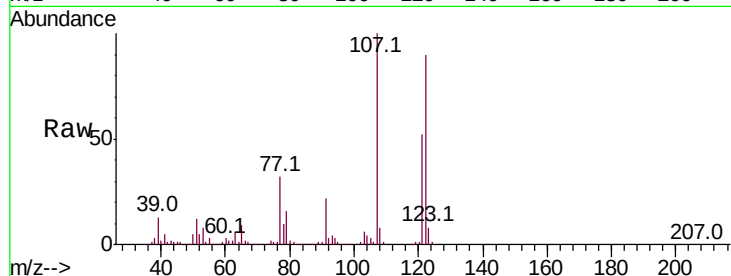
ClientSampleId :

AOC3-01-AMSD

Tot Ion:	122	Resp:	591157
Ion Ratio	Lower	Upper	
122	100		
107	111.1	91.2	136.8
121	57.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 33.667 ng

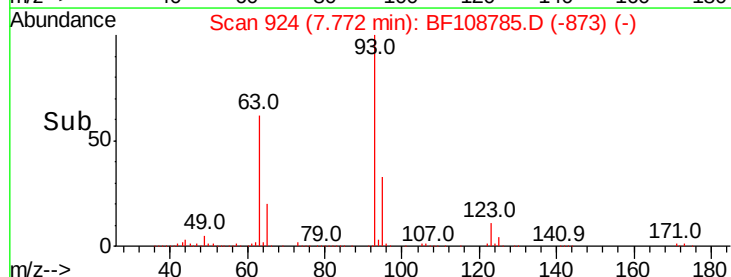
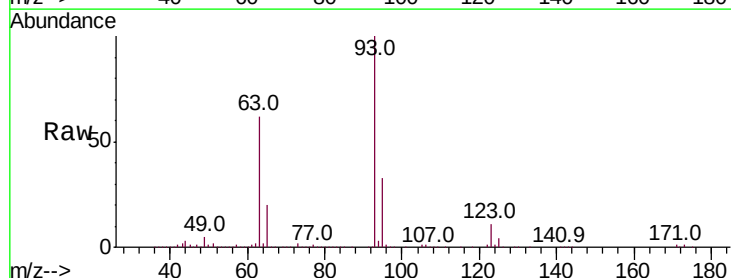
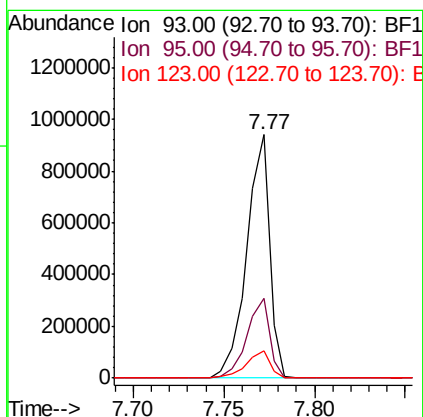
RT: 7.77 min Scan# 924

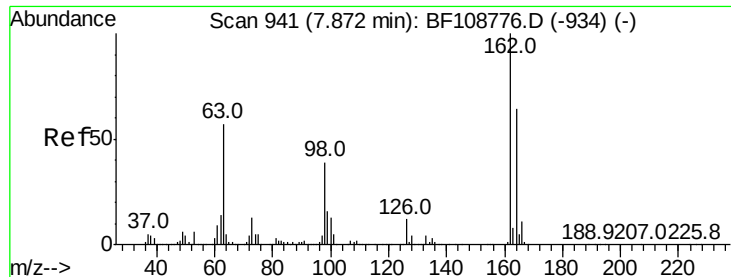
Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:	93	Resp:	825049
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.3	9.8	14.6





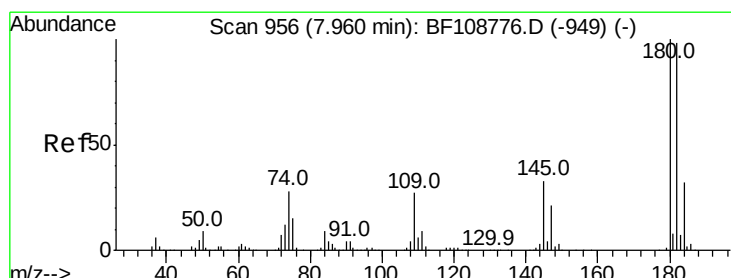
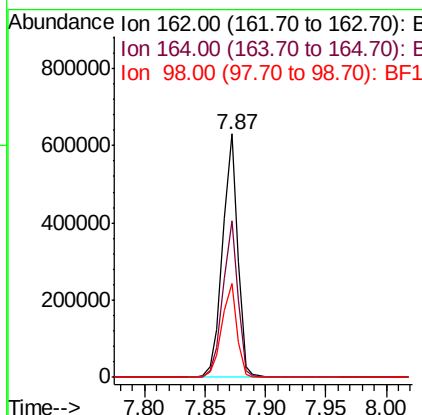
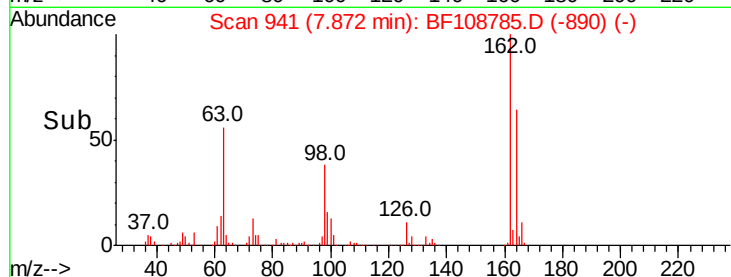
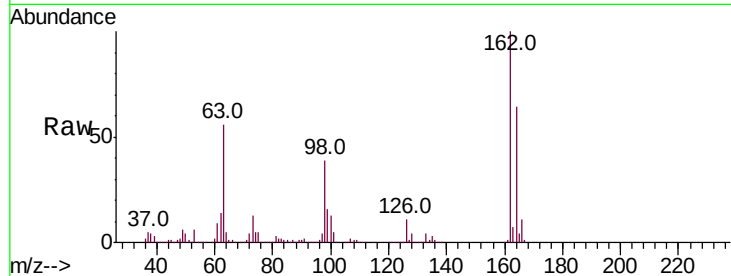
#29
 2,4-Dichlorophenol
 Concen: 33.484 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion:	162	Resp:	544624
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	38.6	18.1	58.1

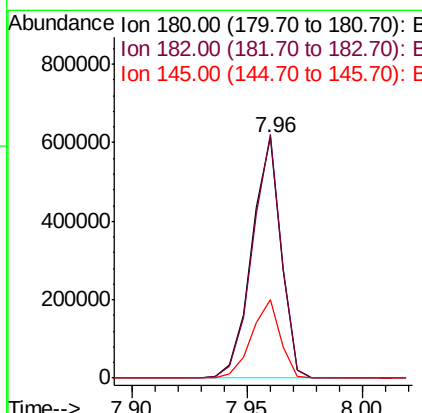
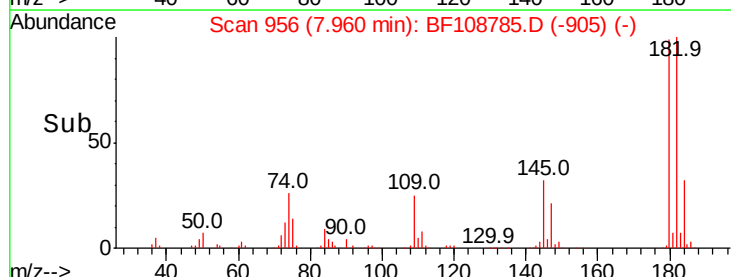
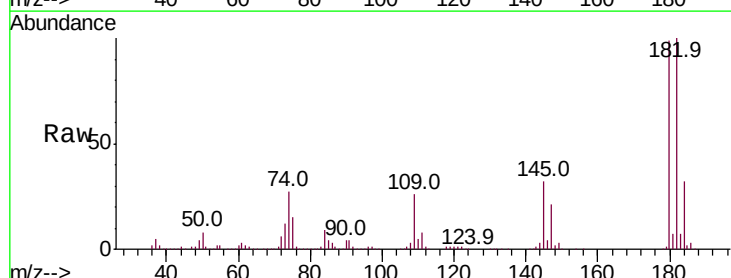
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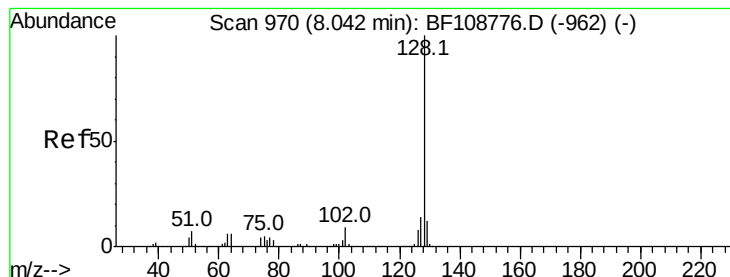
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.886 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:	180	Resp:	544423
Ion Ratio	Lower	Upper	
180	100		
182	101.2	76.8	115.2
145	32.6	26.5	39.7





#31

Naphthalene

Concen: 34.757 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:128 Resp: 1798236

Ion Ratio Lower Upper

128 100

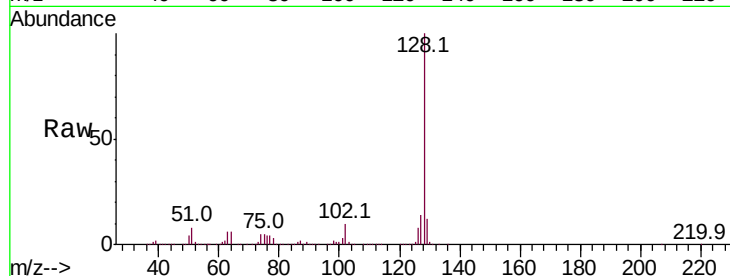
129 11.9 8.8 13.2

127 13.9 10.9 16.3

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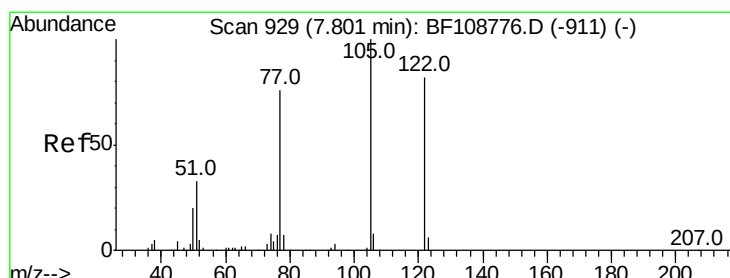
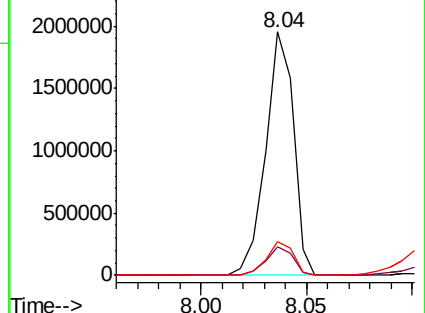
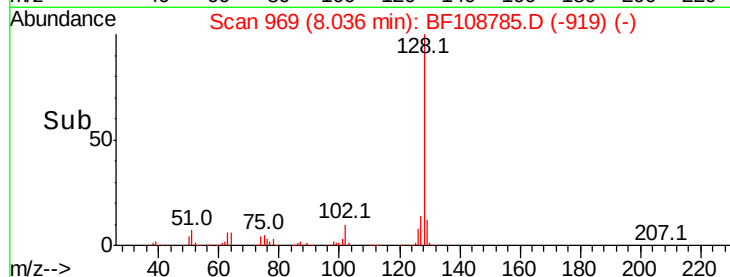


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.149 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

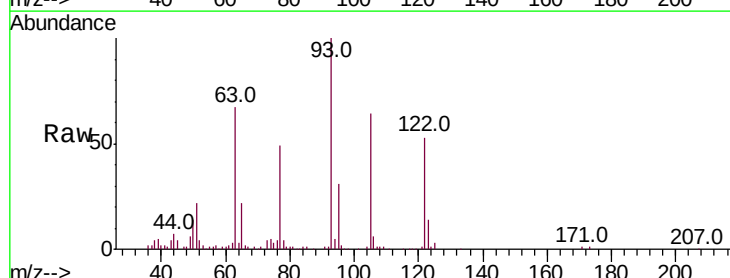
Tgt Ion:122 Resp: 113852

Ion Ratio Lower Upper

122 100

105 120.1 101.1 141.1

77 92.6 70.7 110.7

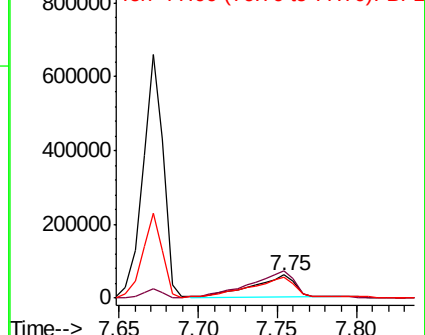
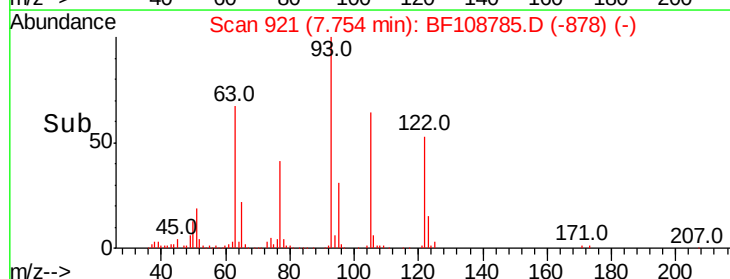


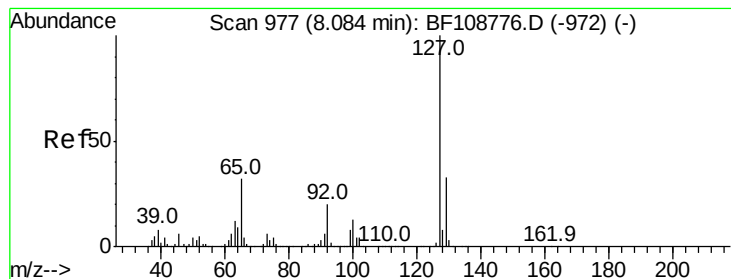
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 27.980 ng

RT: 8.12 min Scan# 983

Delta R.T. 0.04 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

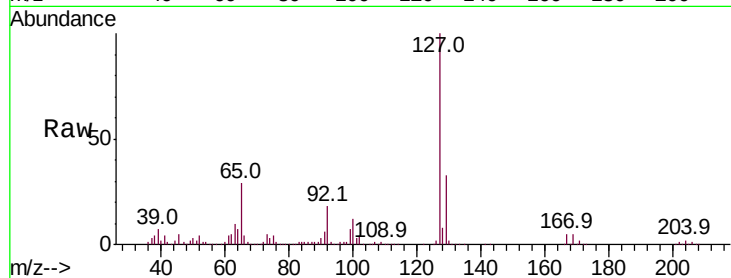
ClientSampleId :

AOC3-01-AMSD

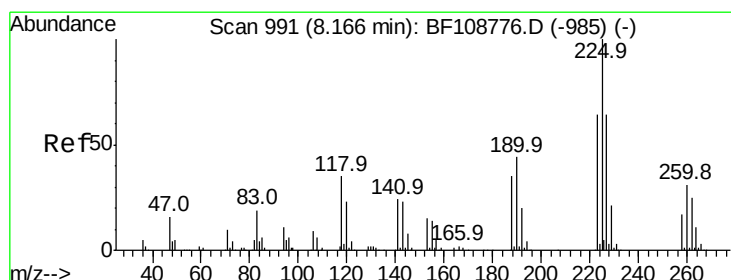
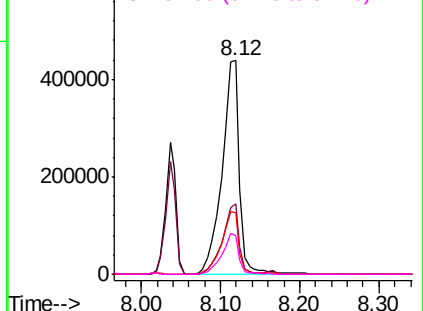
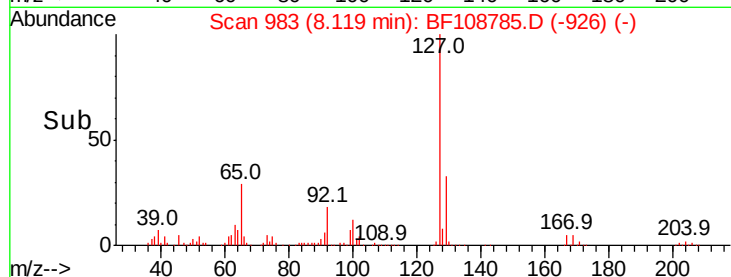
Tot Ion	Ratio	Resp	Lower	Upper
127	100	664859		
129	33.2		25.9	38.9
65	29.1		25.0	37.4
92	18.3		15.2	22.8

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



#34

Hexachlorobutadiene

Concen: 29.706 ng

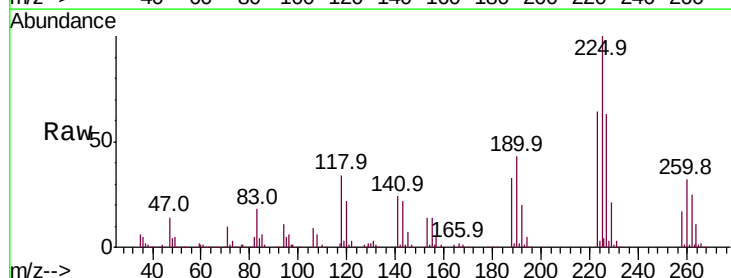
RT: 8.17 min Scan# 991

Delta R.T. -0.00 min

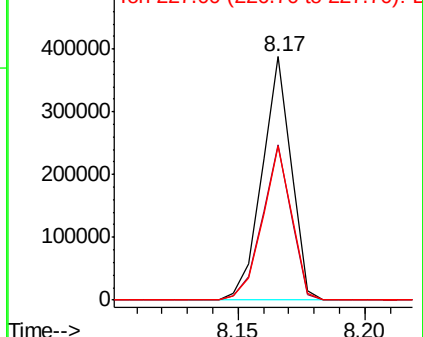
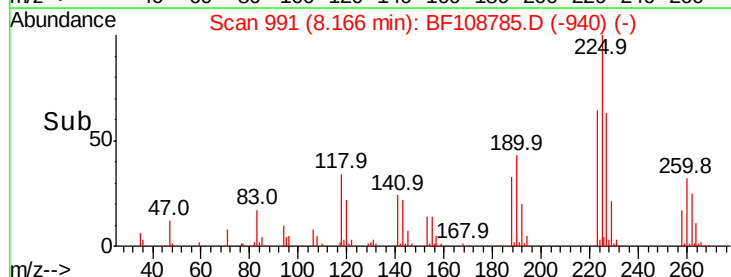
Lab File: BF108785.D

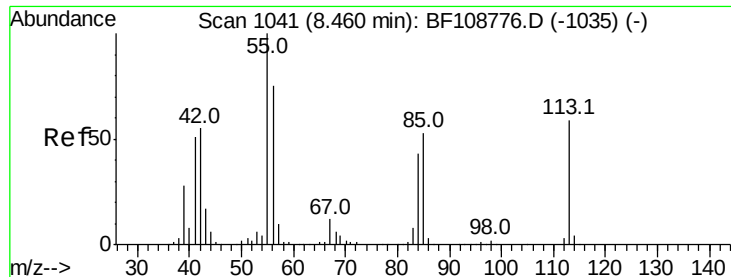
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	312817		
223	64.0		50.6	76.0
227	63.1		51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





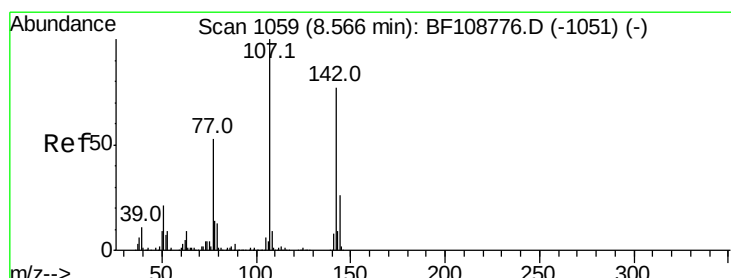
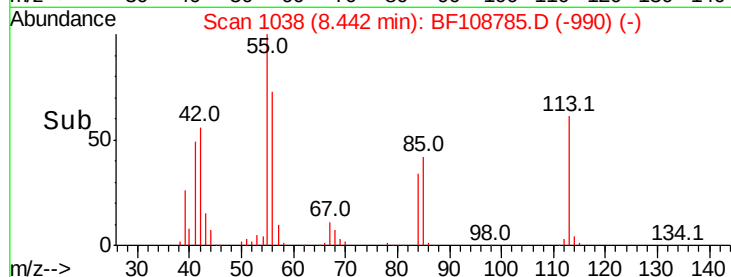
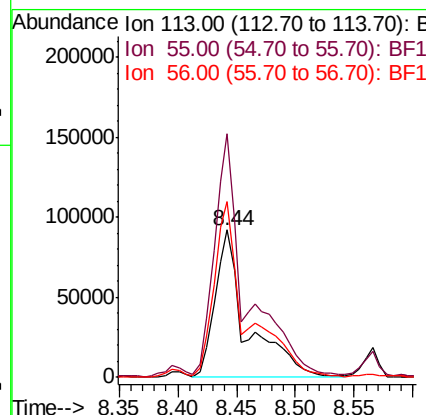
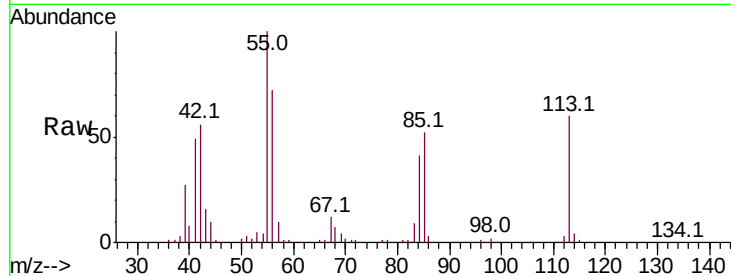
#35
 Caprolactam
 Concen: 31.721 ng/ml
 RT: 8.44 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.4	163.3	203.3
56	119.4	115.7	155.7

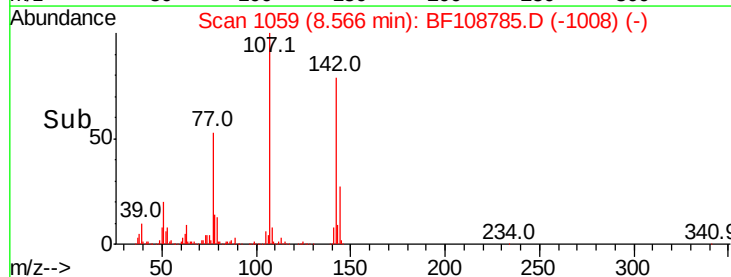
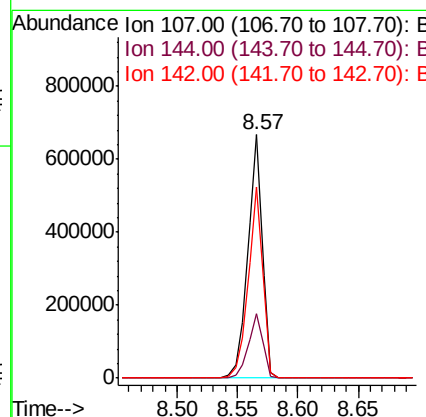
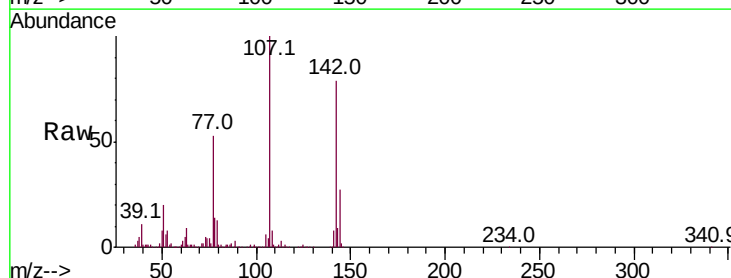
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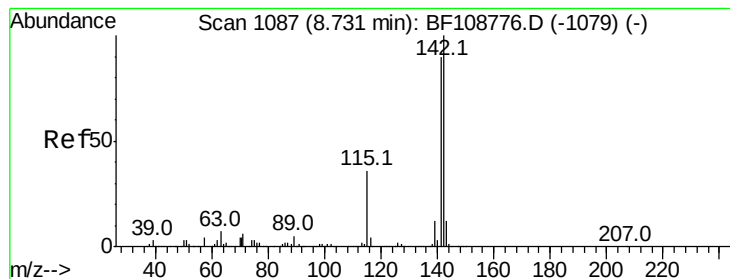
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#36
 4-Chloro-3-methylphenol
 Concen: 32.654 ng/ml
 RT: 8.57 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	78.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 34.922 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:142 Resp: 1193638

Ion Ratio Lower Upper

142 100

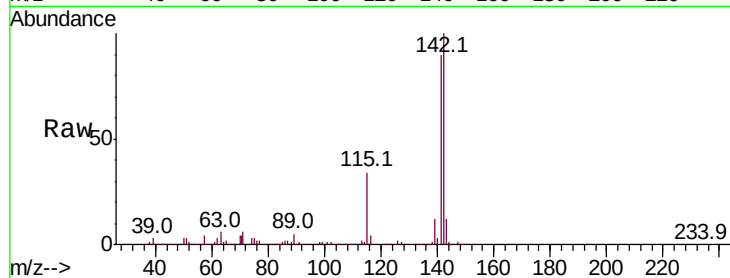
141 89.8 70.8 106.2

115 33.9 26.1 39.1

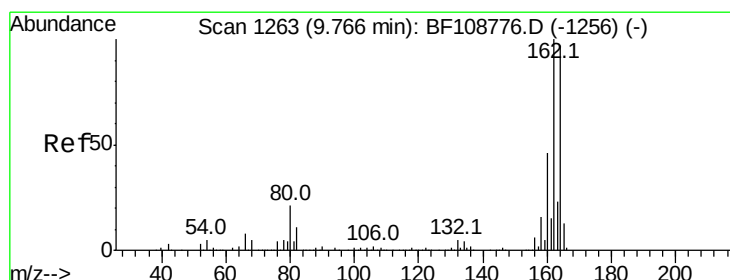
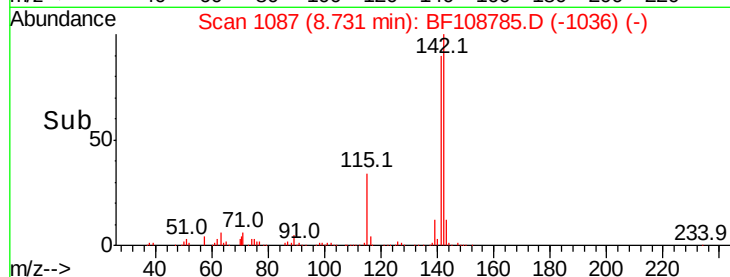
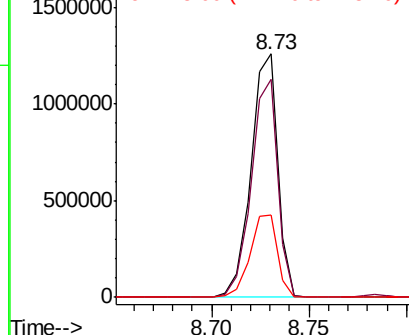
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

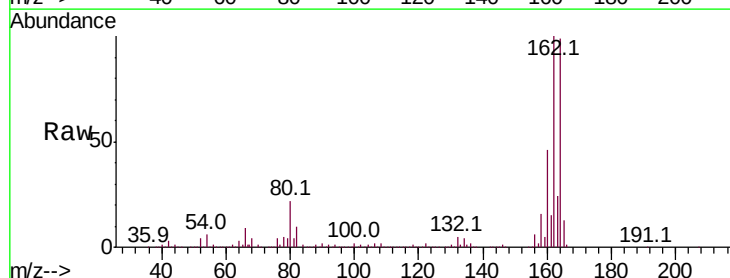
Tgt Ion:164 Resp: 520449

Ion Ratio Lower Upper

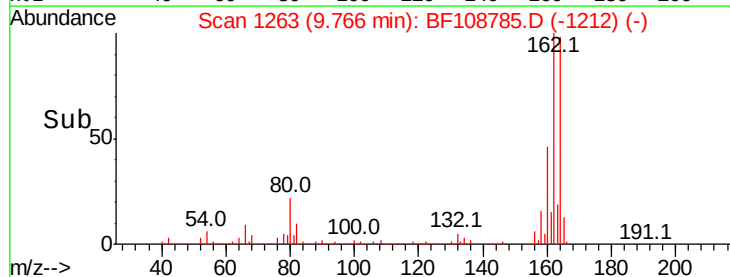
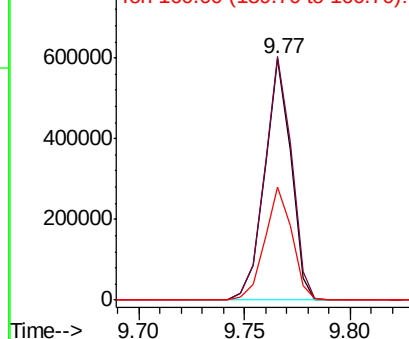
164 100

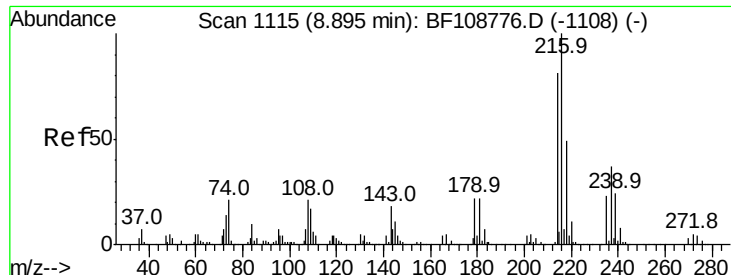
162 101.0 86.1 129.1

160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





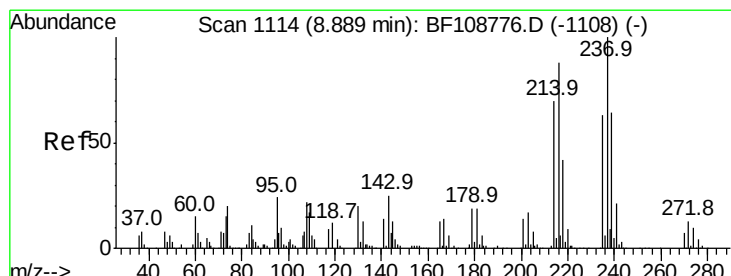
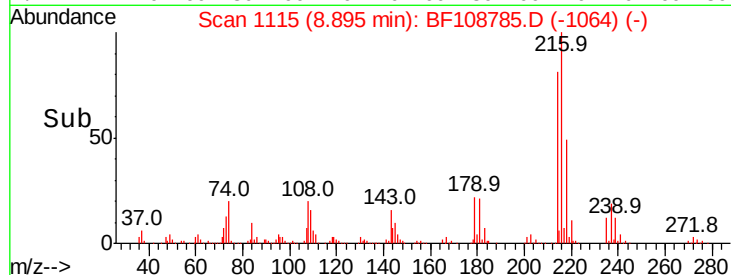
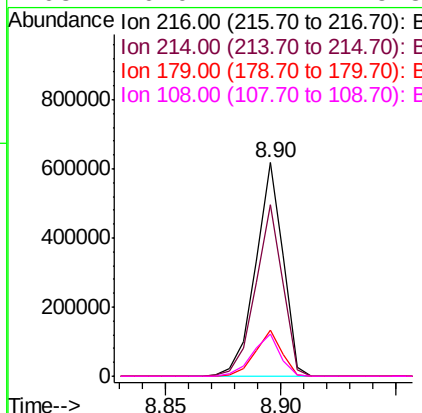
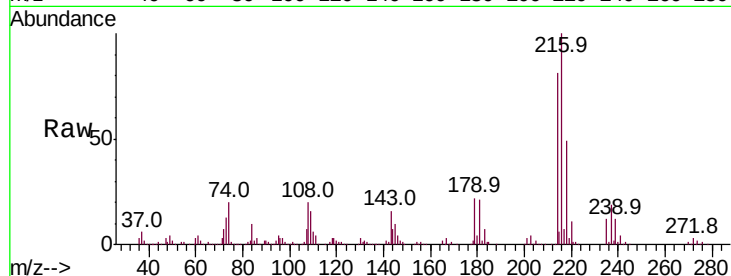
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.872 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.0	18.1	27.1
108	20.0	17.2	25.8

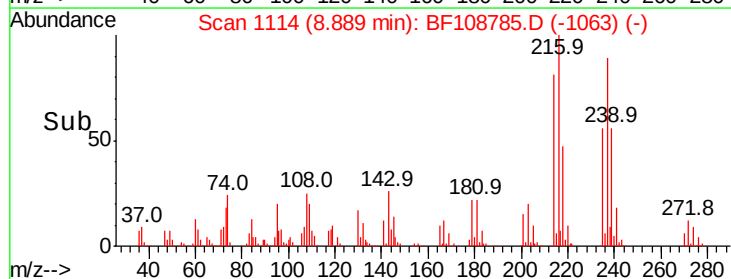
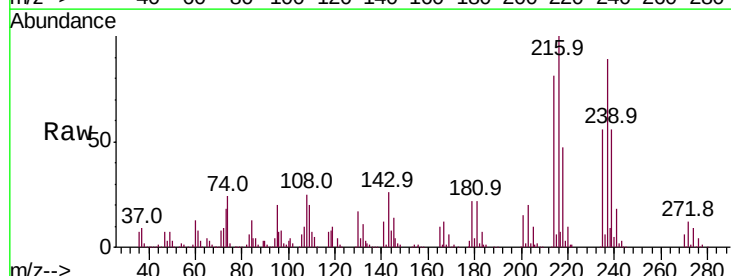
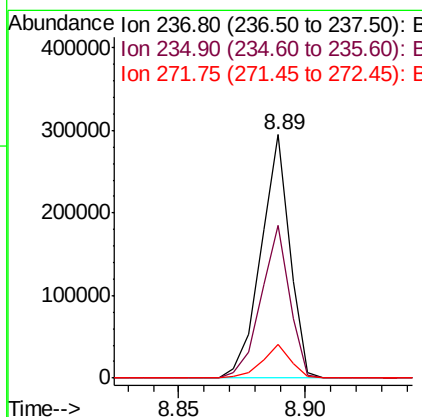
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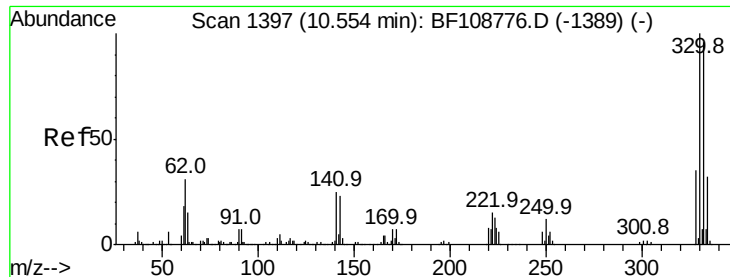
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#40
 Hexachlorocyclopentadiene
 Concen: 29.979 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	44.8	84.8
272	13.6	0.0	33.3





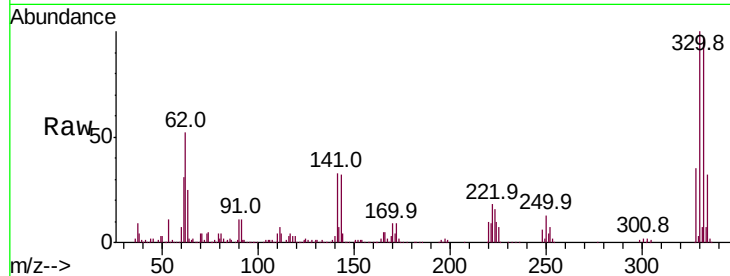
#41
 2,4,6-Tribromophenol
 Concen: 83.743 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

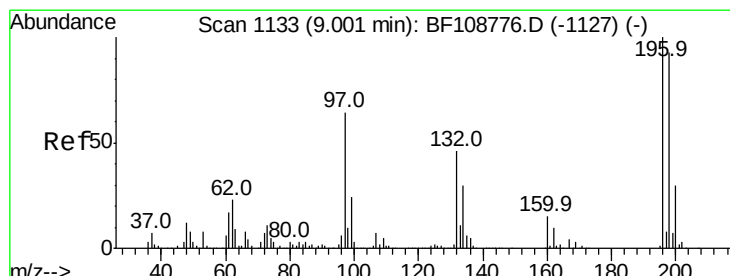
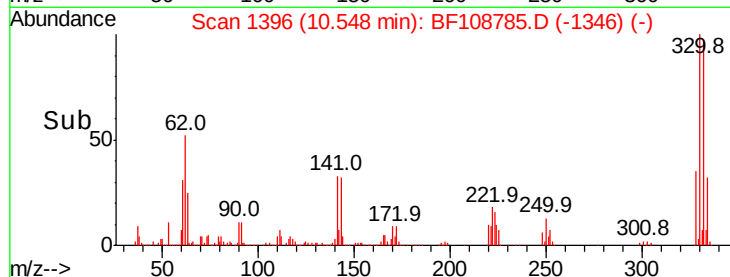
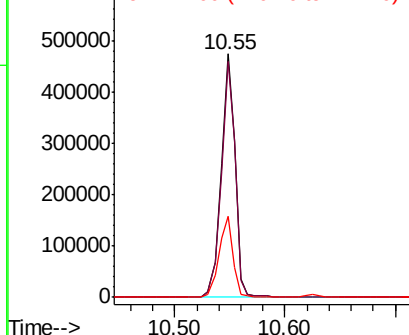
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	33.6	29.9	44.9	

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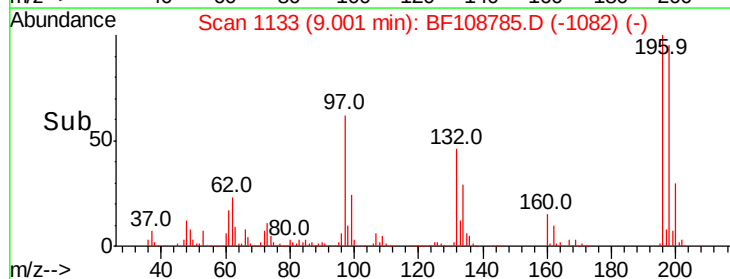
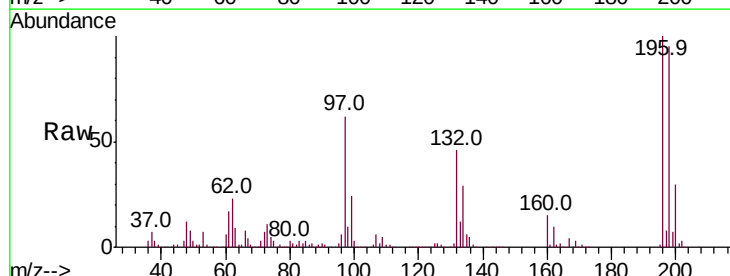
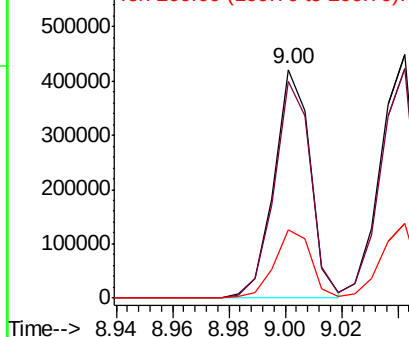
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

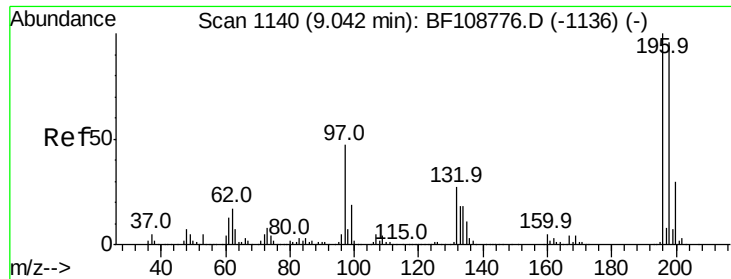


#42
 2,4,6-Trichlorophenol
 Concen: 35.217 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.0	75.7	113.5	
200	30.0	24.5	36.7	

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





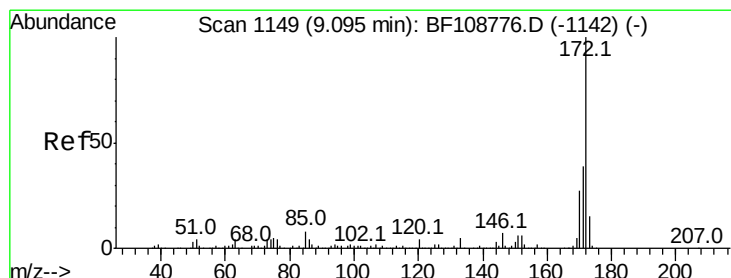
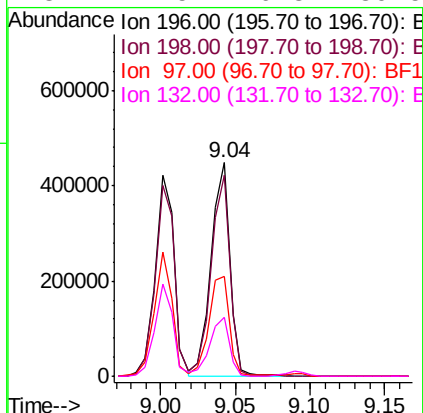
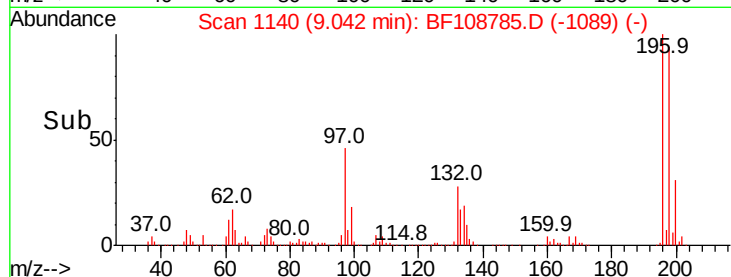
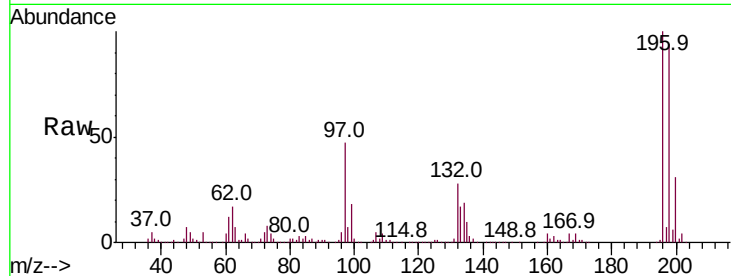
#43
 2,4,5-Trichlorophenol
 Concen: 35.670 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	391815		
198	94.2	74.6	112.0	
97	46.6	42.9	64.3	
132	27.5	26.3	39.5	

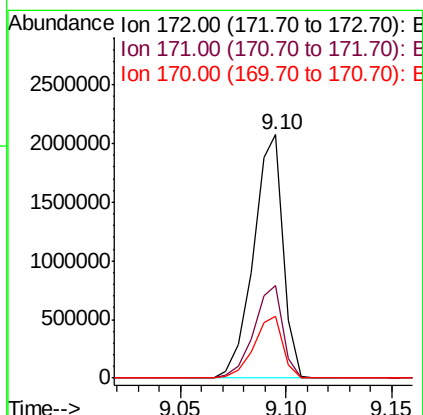
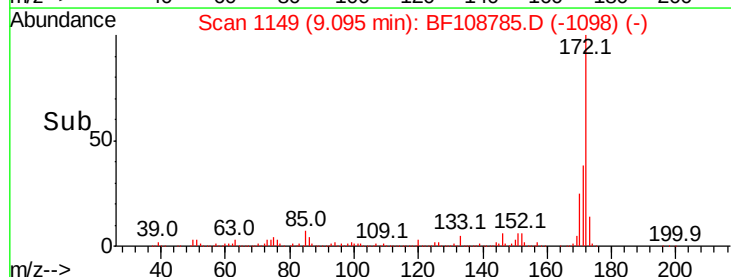
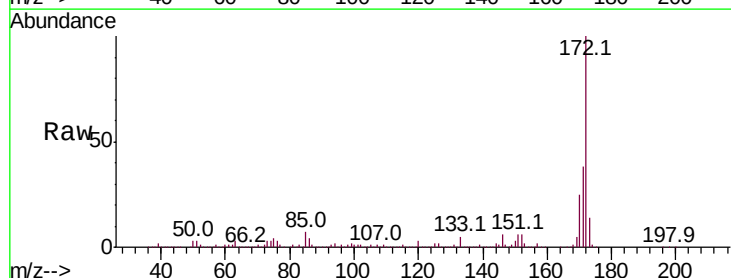
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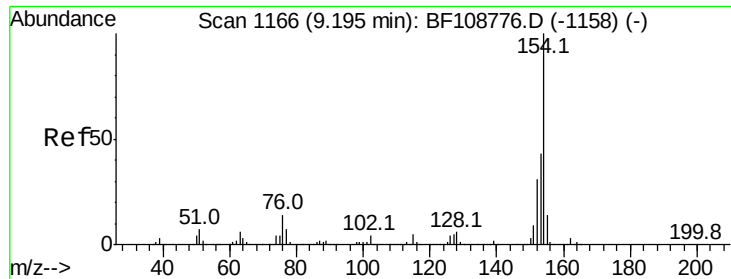
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 66.091 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2016252		
171	37.8	29.7	44.5	
170	25.4	19.6	29.4	





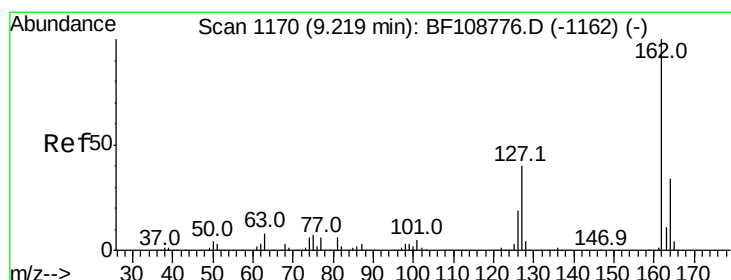
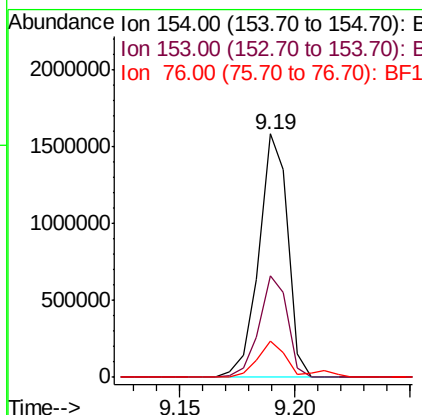
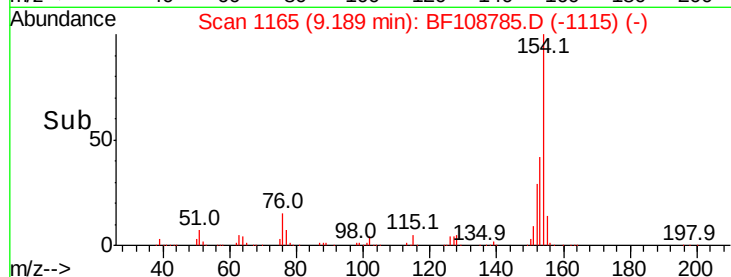
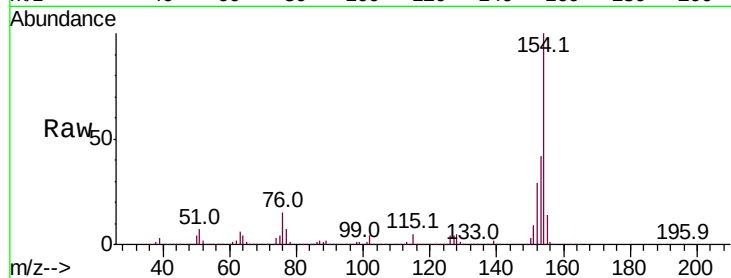
#45
 1,1'-Biphenyl
 Concen: 34.439 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	14.8	0.0	34.0

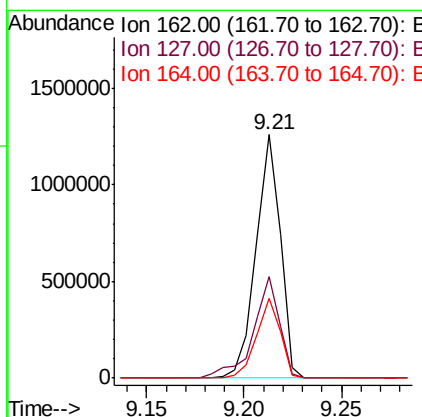
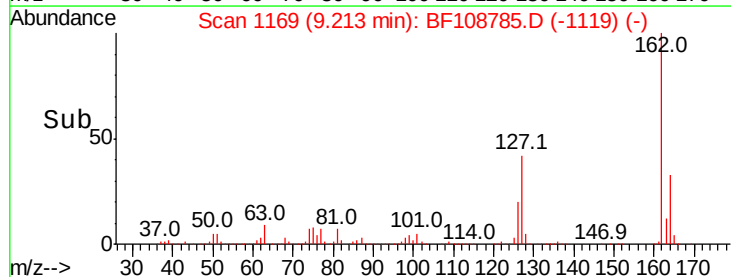
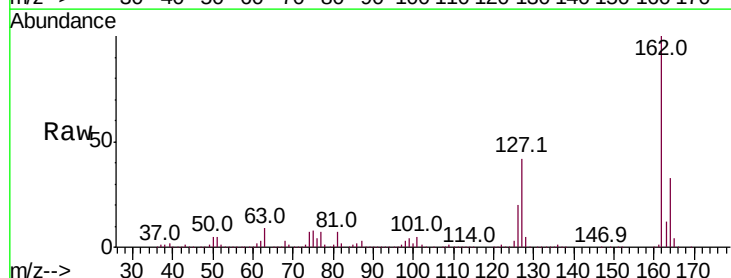
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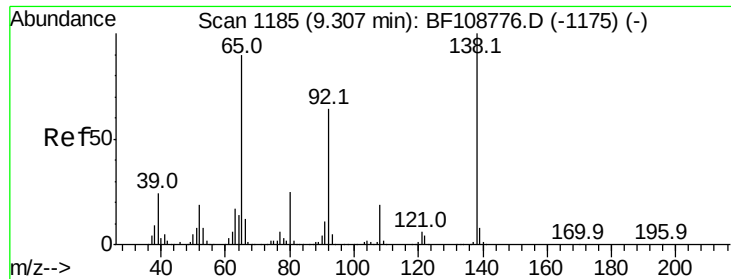
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#46
 2-Chloronaphthalene
 Concen: 33.671 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	32.9	26.5	39.7





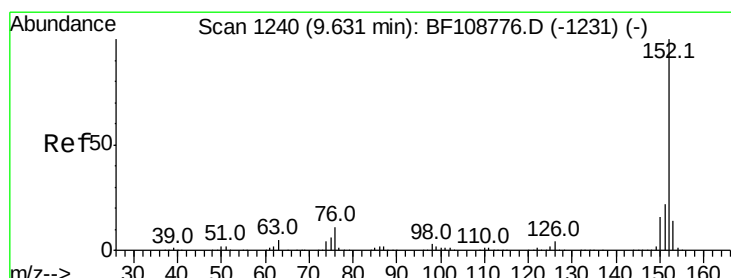
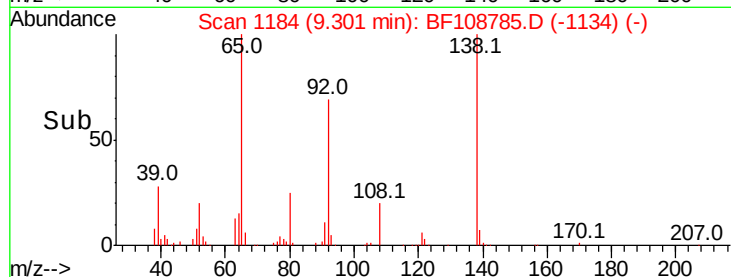
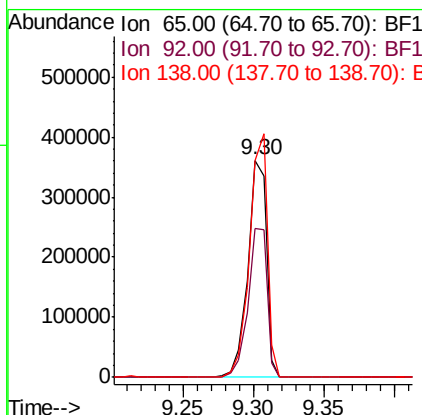
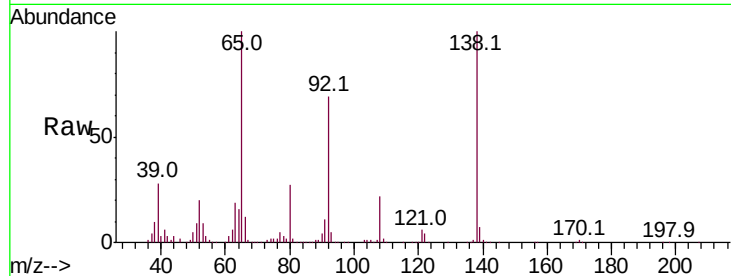
#47
2-Nitroaniline
Concen: 37.922 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.8	83.6
138	99.6	91.2	136.8

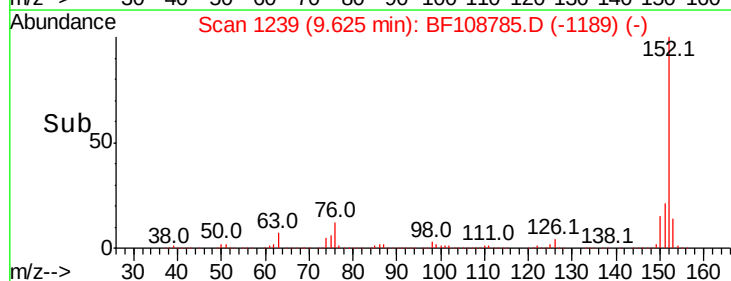
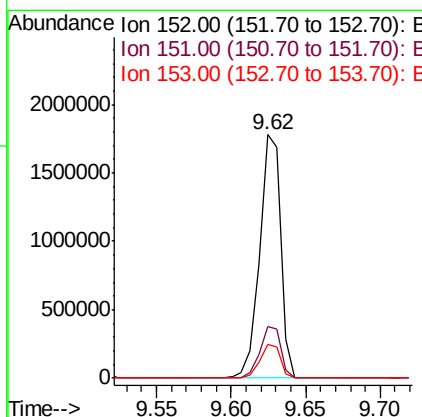
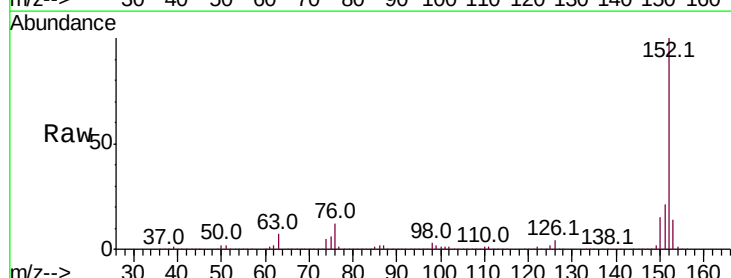
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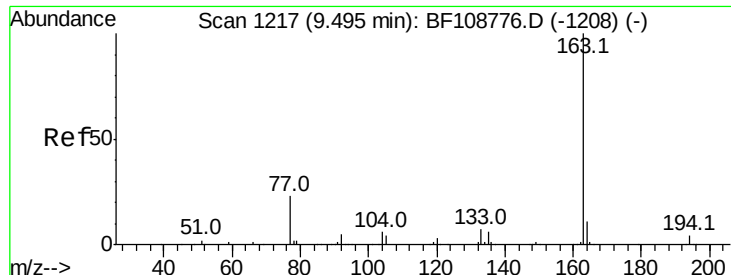
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#48
Acenaphthylene
Concen: 35.353 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	13.9	10.7	16.1





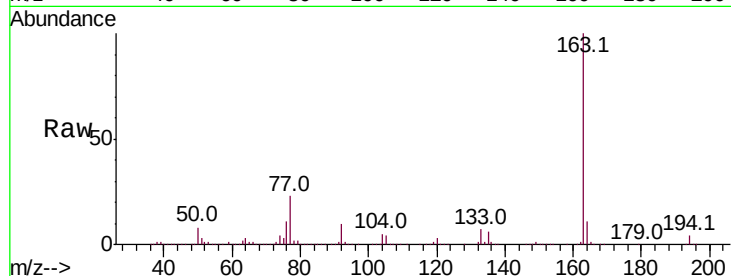
#49
Dimethylphthalate
Concen: 47.697 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

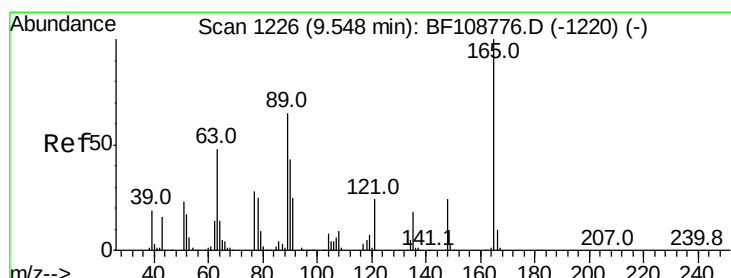
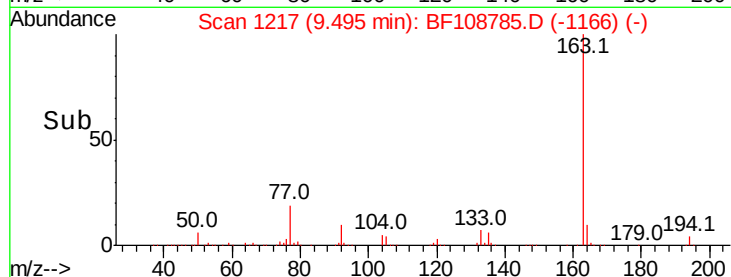
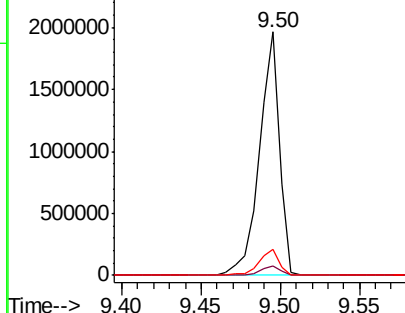
Tot Ion:163 Resp: 1736272
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

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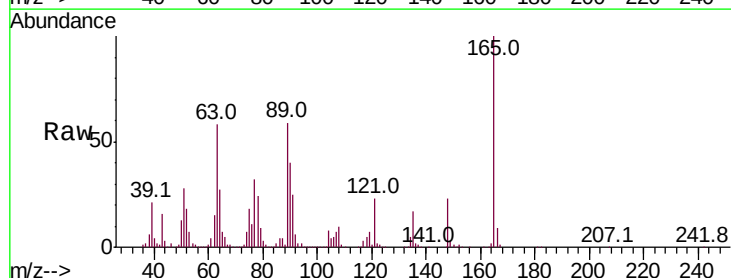


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

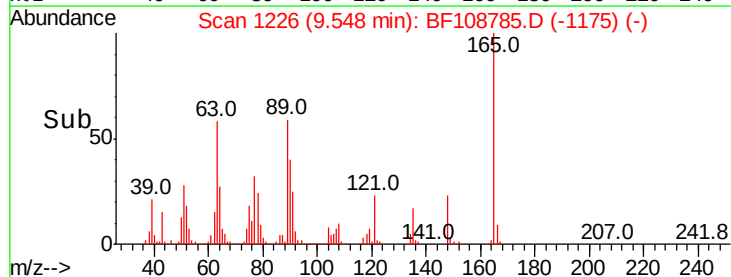
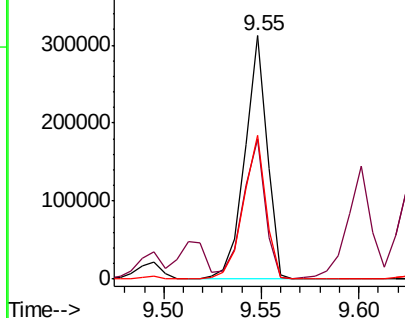


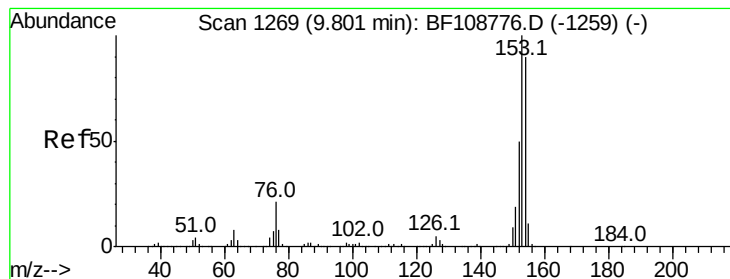
#50
2,6-Dinitrotoluene
Concen: 35.755 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:165 Resp: 248012
Ion Ratio Lower Upper
165 100
63 57.5 44.7 67.1
89 59.3 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: 34.018 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:154 Resp: 1016788

Ion Ratio Lower Upper

154 100

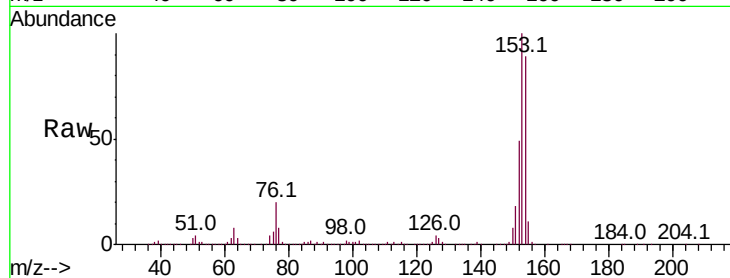
153 112.5 91.2 136.8

152 54.6 43.8 65.8

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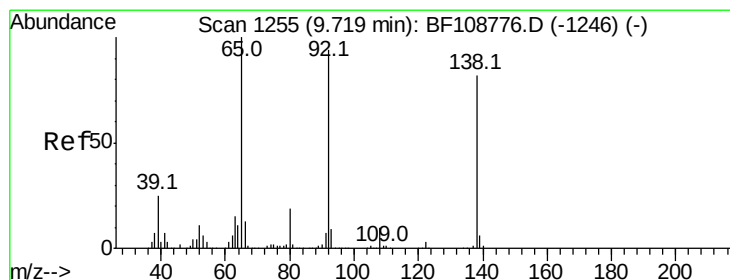
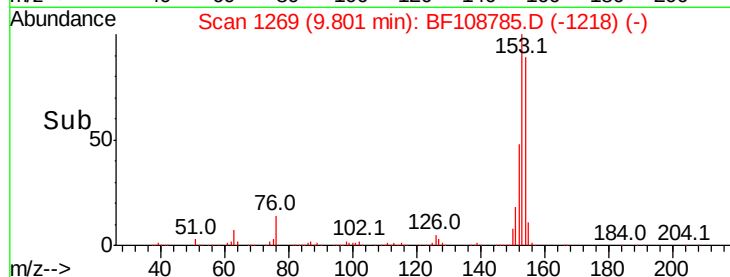
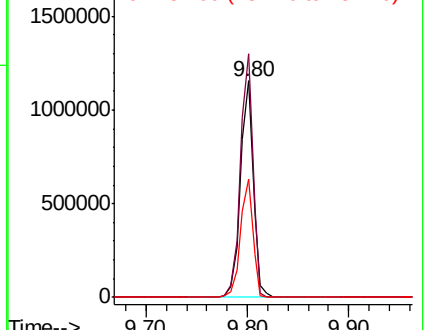
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.907 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

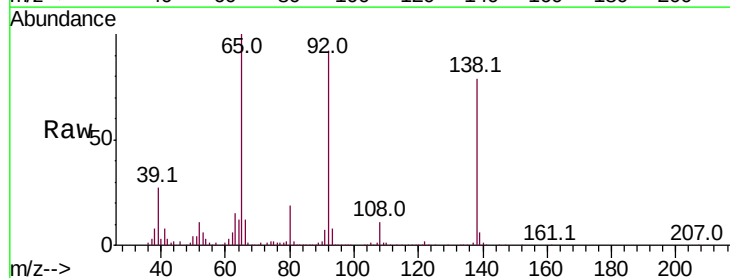
Tgt Ion:138 Resp: 255194

Ion Ratio Lower Upper

138 100

108 14.6 9.4 14.0#

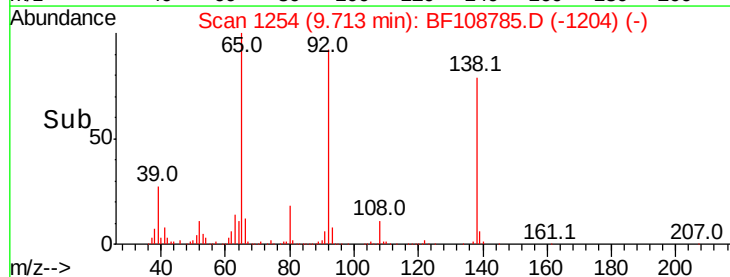
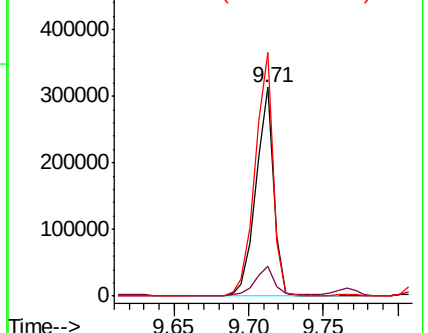
92 116.6 89.4 134.2

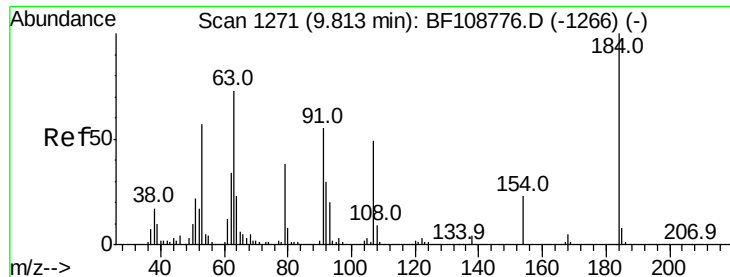


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





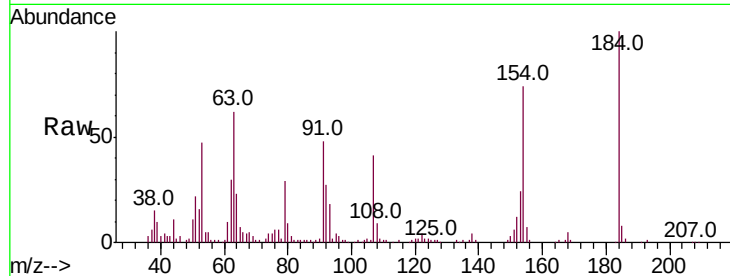
#53
 2,4-Dinitrophenol
 Concen: 31.057 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.2	54.2	81.2
154	74.4	184.0	276.0#

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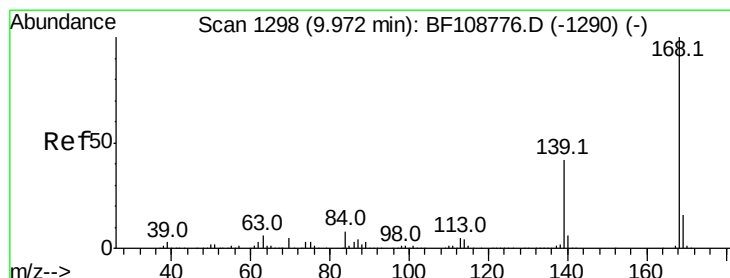
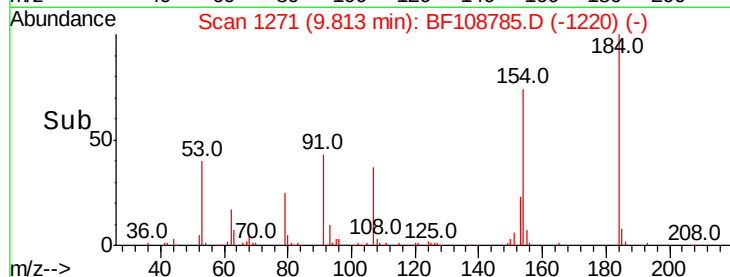
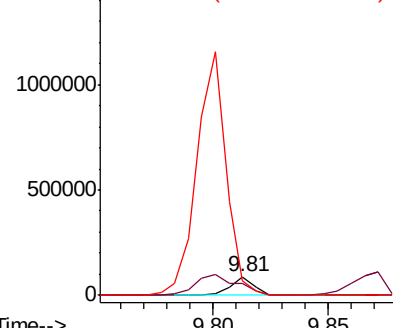


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 33.390 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

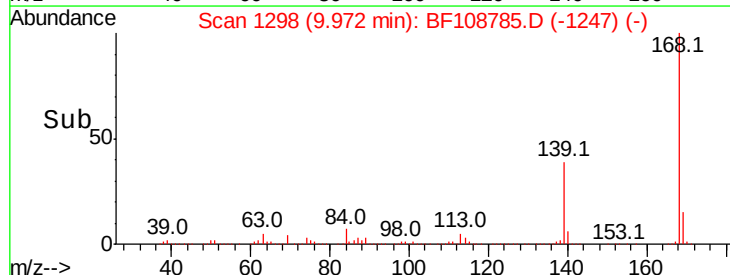
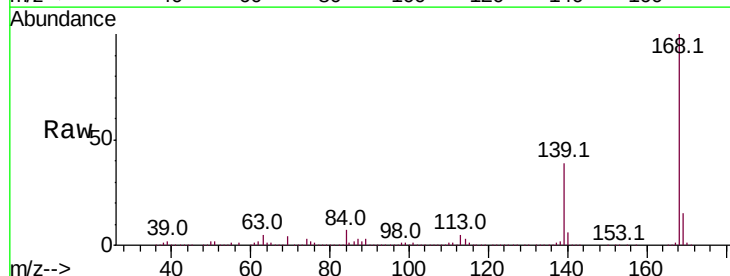
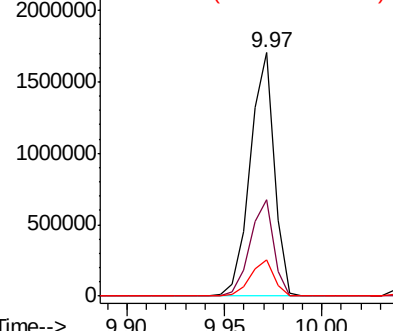
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	14.9	10.9	16.3

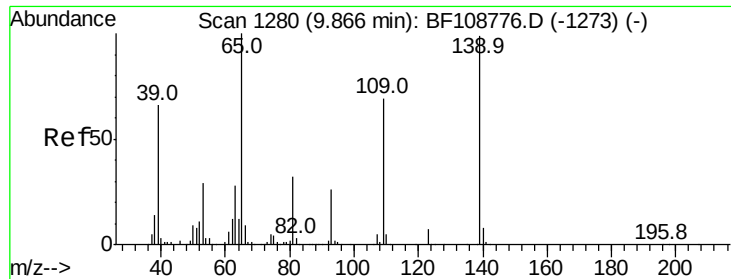
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





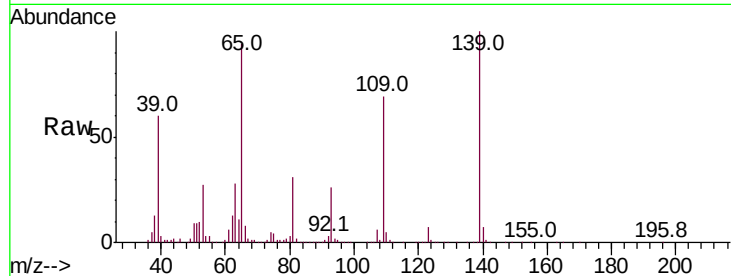
#55
4-Nitrophenol
Concen: 61.928 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.5	48.4	88.4	
65	94.4	72.6	112.6	

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9/6/2018 4:44:52 PM

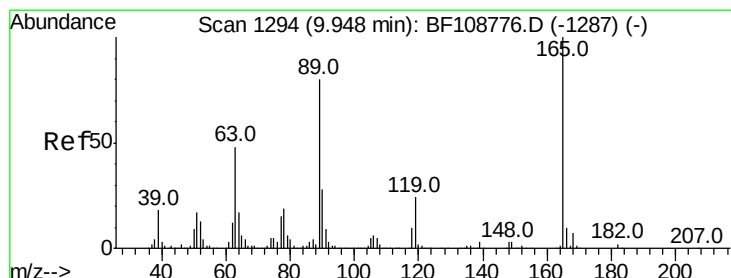
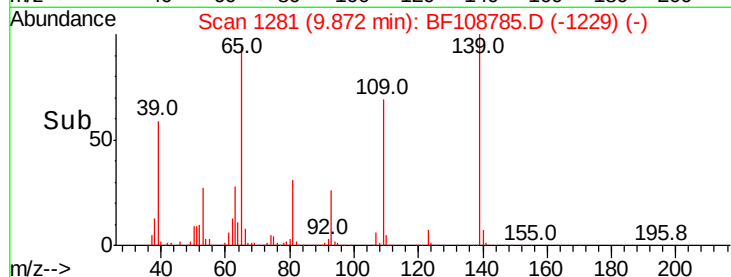
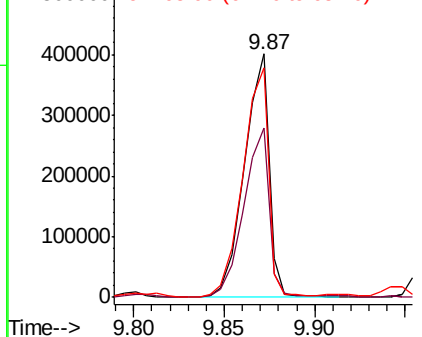


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 33.933 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.0	36.4	54.6	
89	71.5	57.8	86.6	
182	2.5	1.6	2.4#	

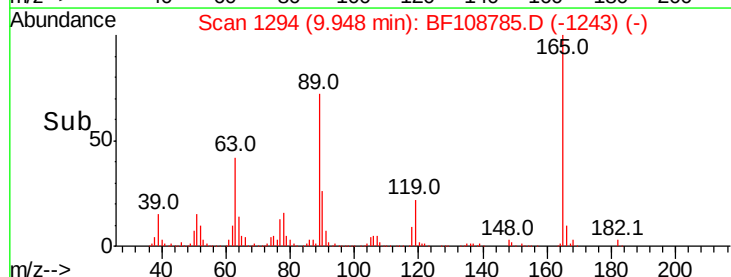
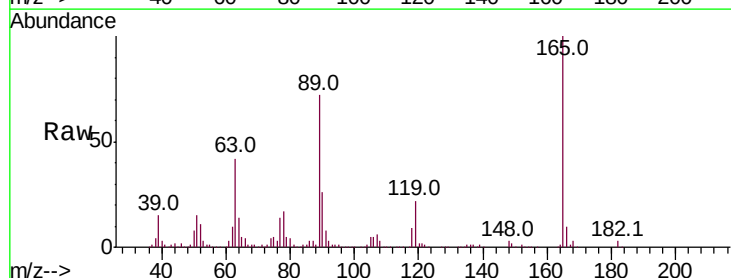
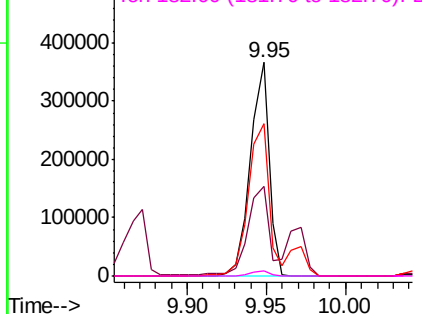
Abundance

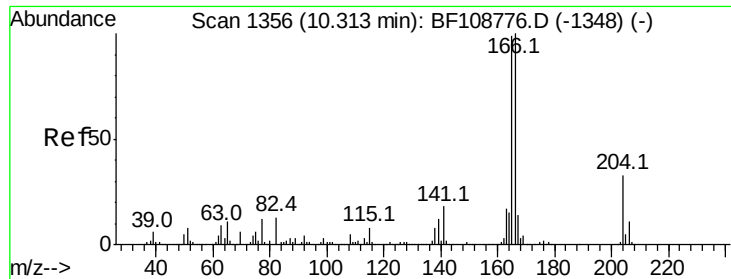
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.590 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:166 Resp: 1023068

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

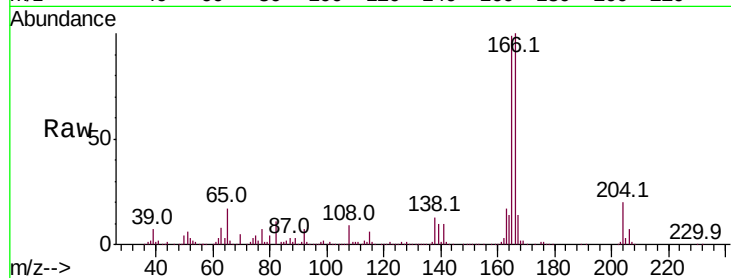
167 13.7 10.6 16.0

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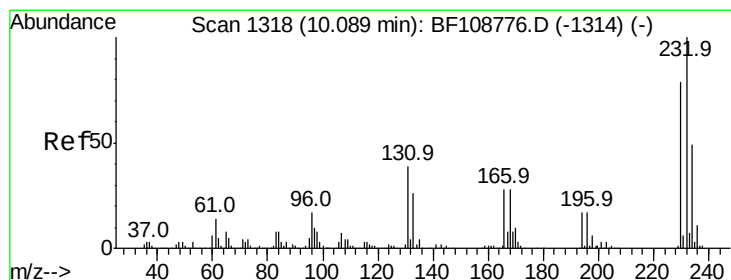
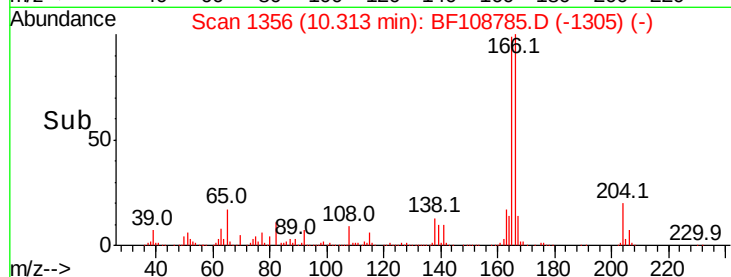
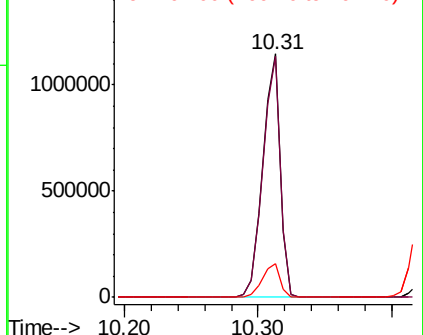


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.105 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:232 Resp: 293251

Ion Ratio Lower Upper

232 100

131 45.2 43.8 65.8

130 2.4 2.1 3.1

166 30.0 27.8 41.6

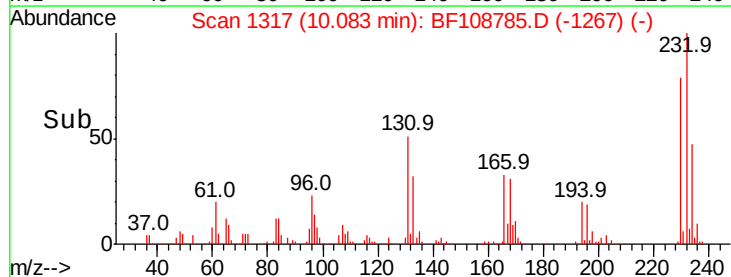
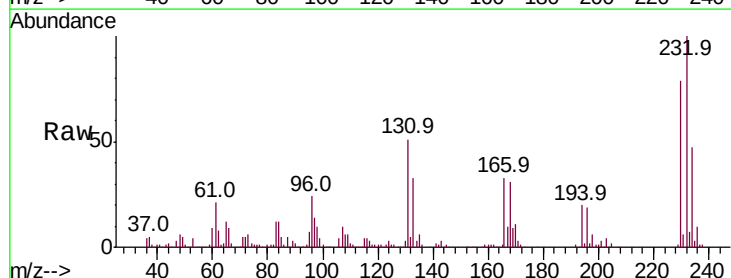
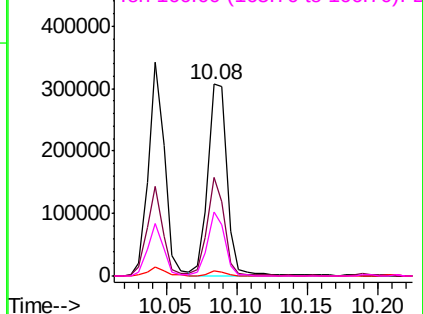
Abundance

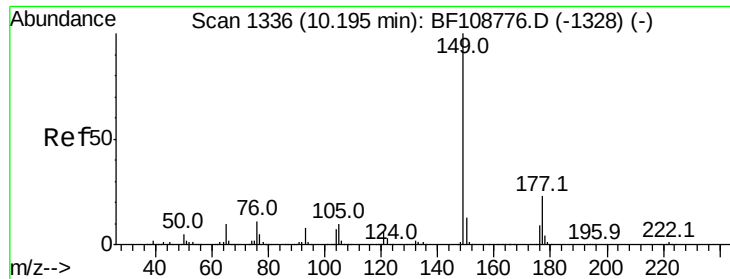
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





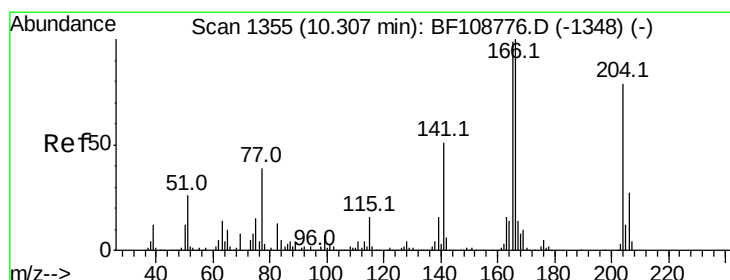
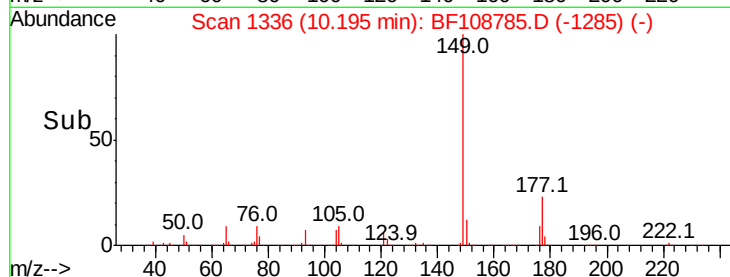
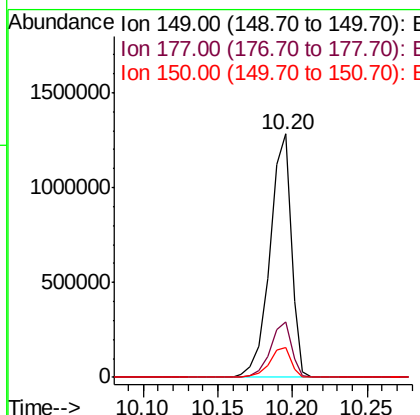
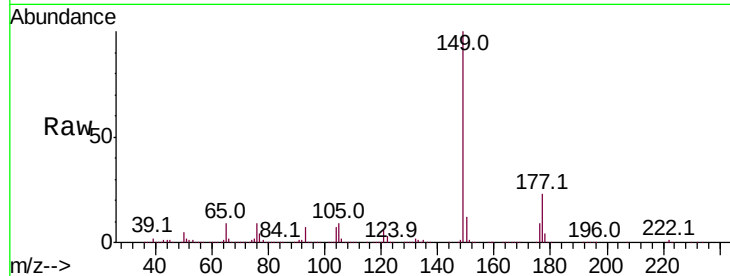
#59
Diethylphthalate
Concen: 33.760 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.4	10.1	15.1

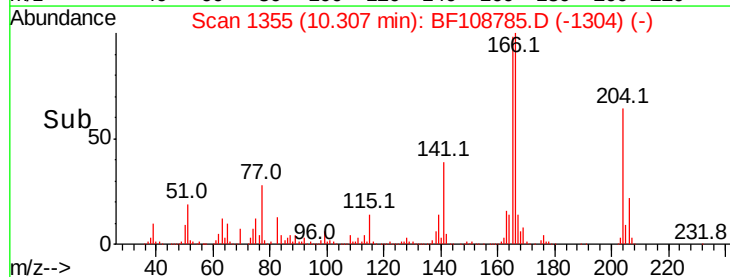
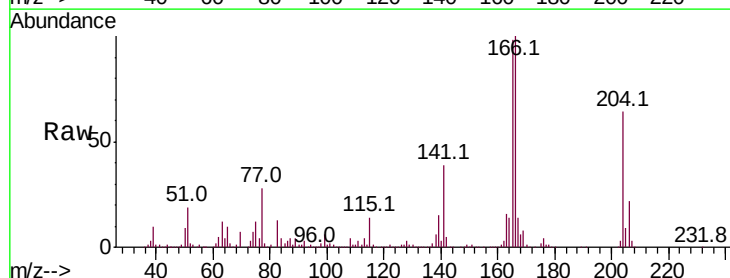
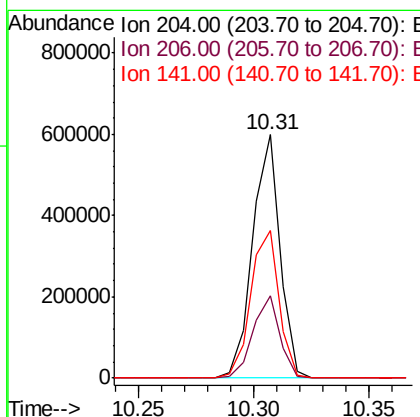
Manual Integrations
APPROVED

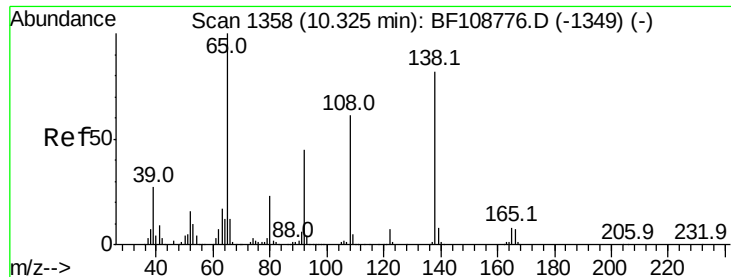
Sohil
9/6/2018 4:44:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.315 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	60.6	54.6	81.8





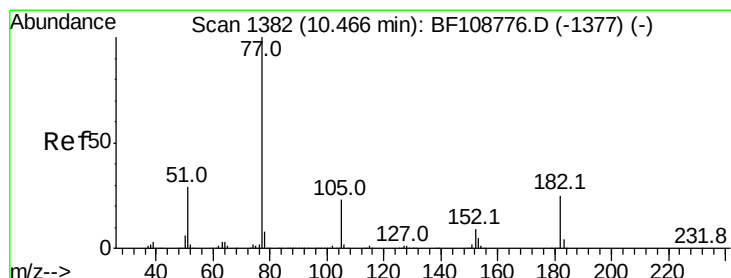
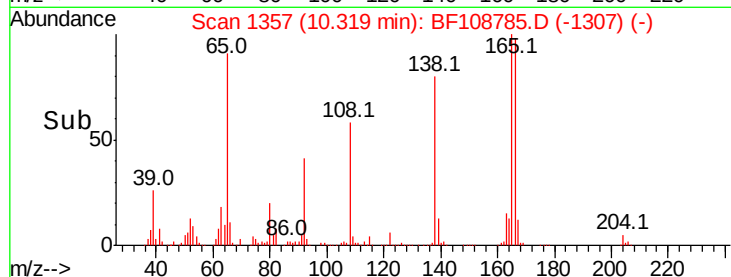
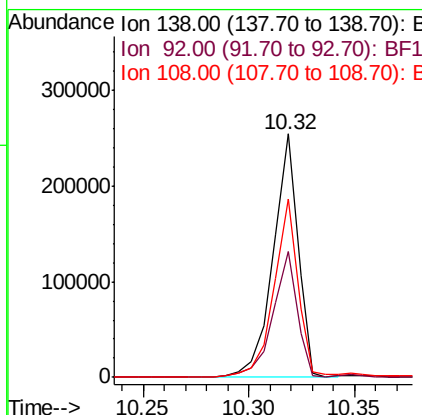
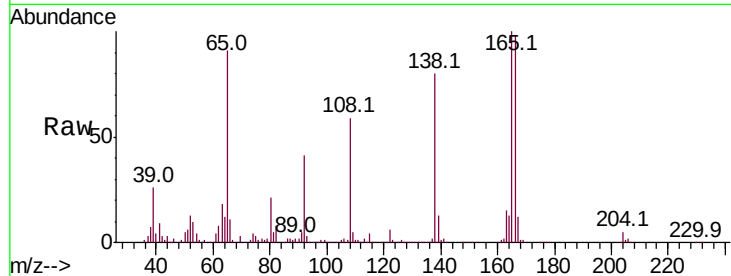
#61
4-Nitroaniline
Concen: 28.106 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	30.2	70.2
108	73.1	52.5	92.5

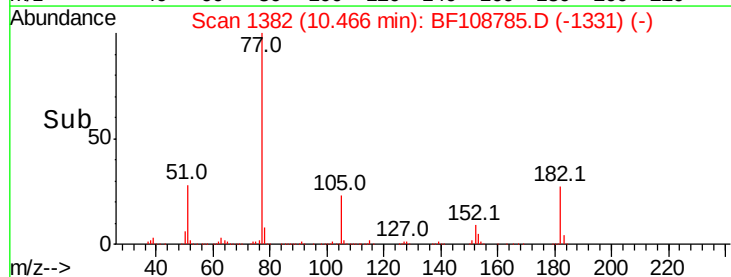
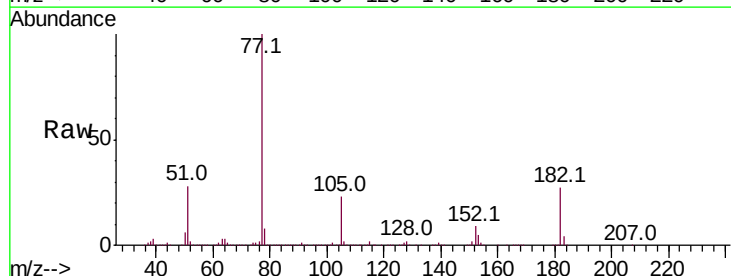
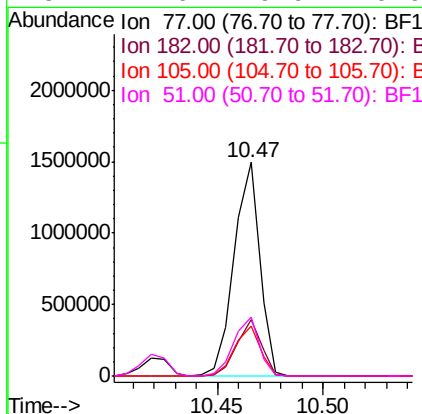
Manual Integrations
APPROVED

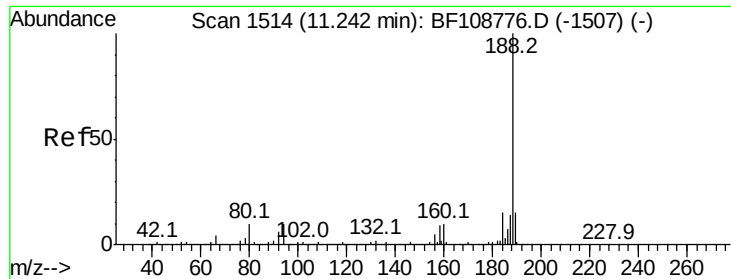
Sohil
9/6/2018 4:44:52 PM



#62
Azobenzene
Concen: 32.313 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	1.7	41.7
105	23.3	3.0	43.0
51	27.6	9.9	49.9





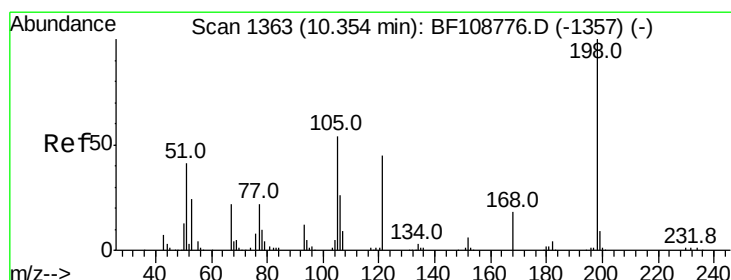
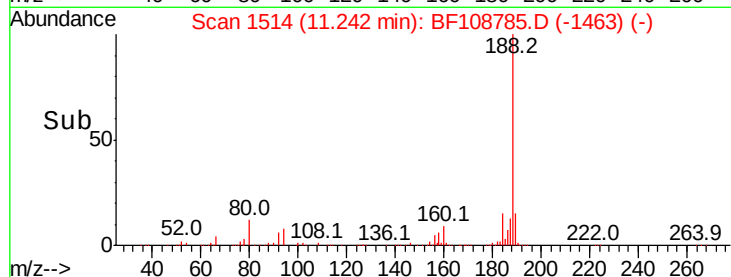
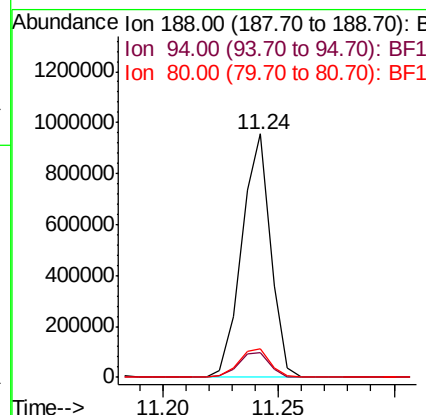
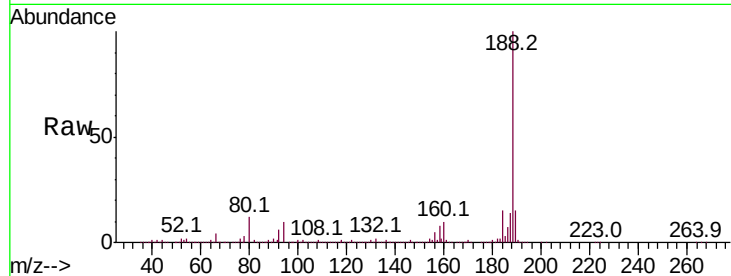
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	832168		
94	10.0		8.5	12.7
80	11.8		9.2	13.8

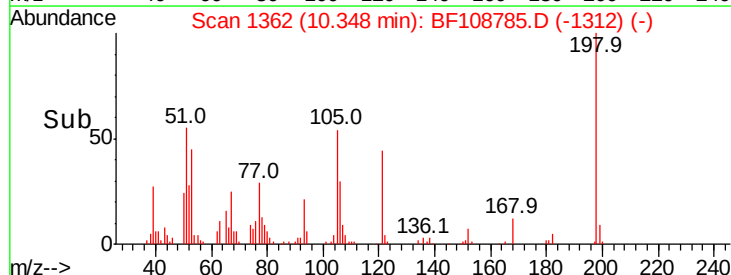
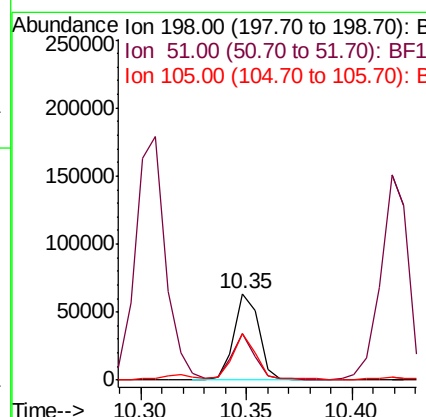
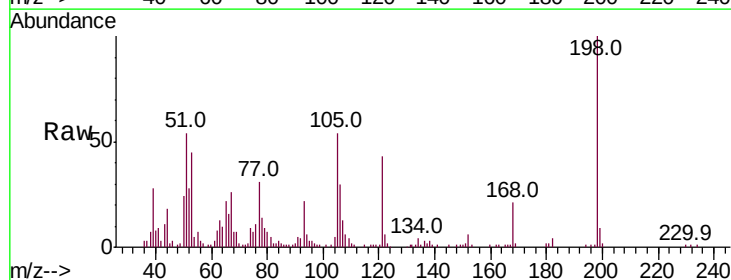
Manual Integrations
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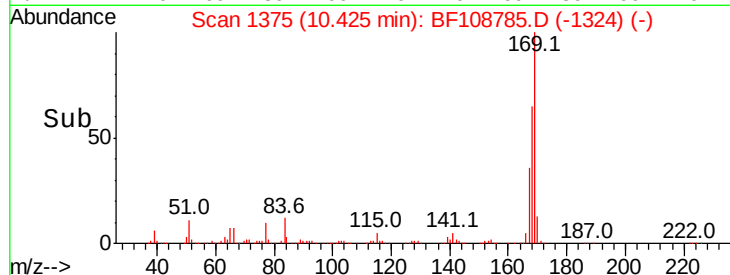
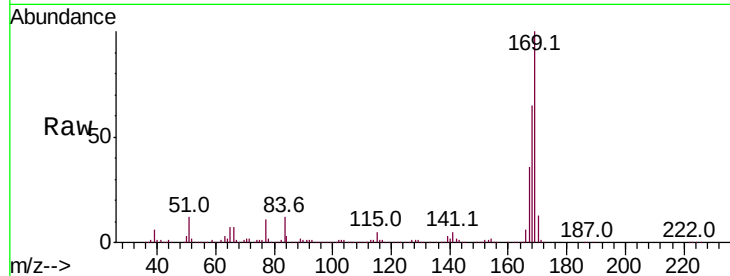
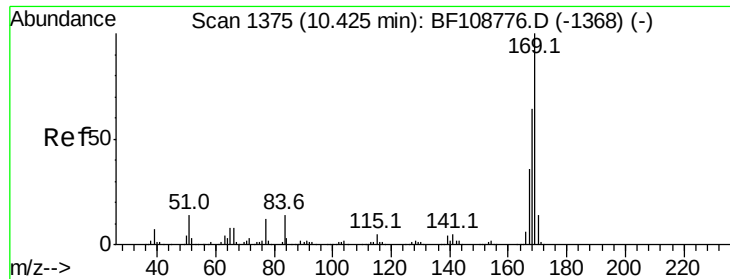
Sohil
9/6/2018 4:44:52 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.334 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51426		
51	53.8		37.7	77.7
105	53.7		36.3	76.3





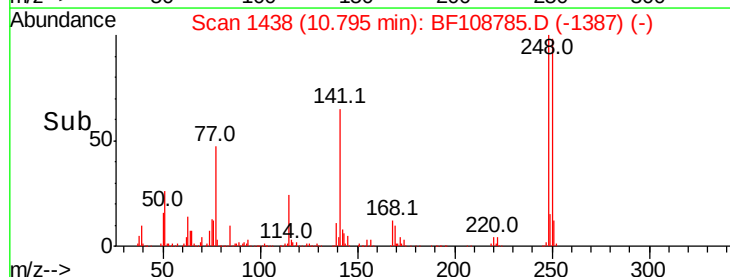
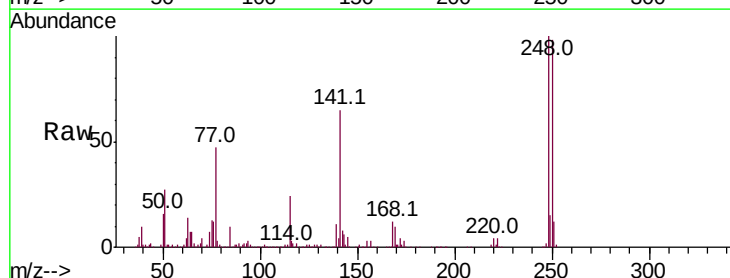
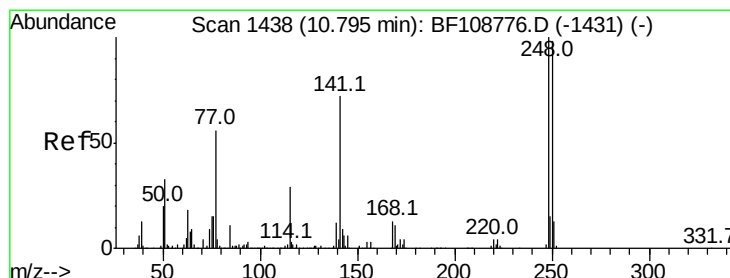
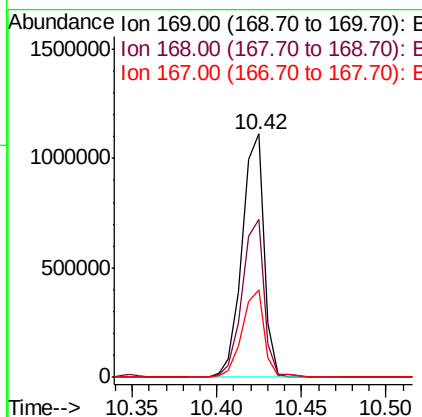
#65
n-Nitrosodiphenylamine
Concen: 36.549 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.7	54.4	81.6
167	36.2	29.8	44.6

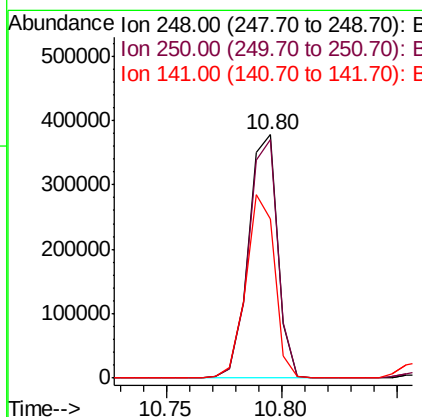
Manual Integrations
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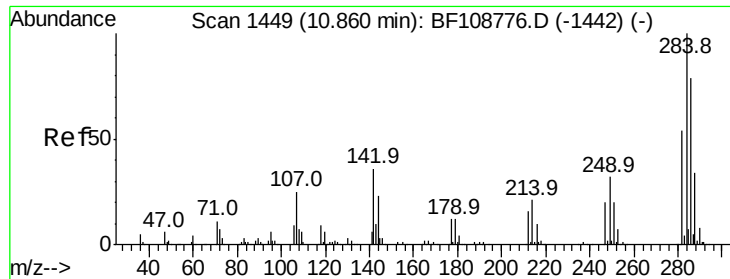
Sohil
9/6/2018 4:44:52 PM



#66
4-Bromophenyl-phenylether
Concen: 35.731 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	65.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 33.815 ng

RT: 10.86 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

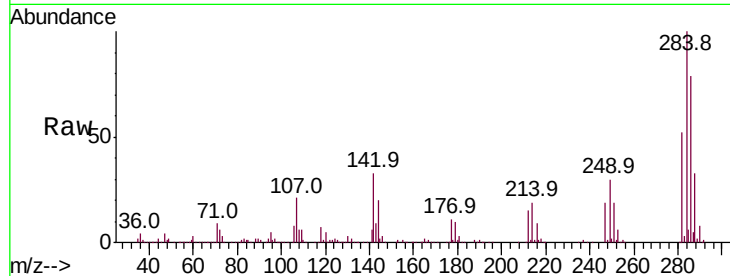
ClientSampleId :

AOC3-01-AMSD

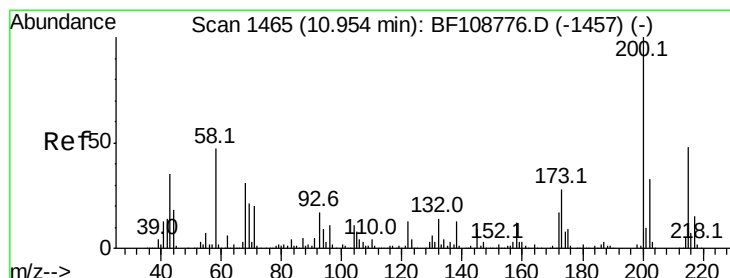
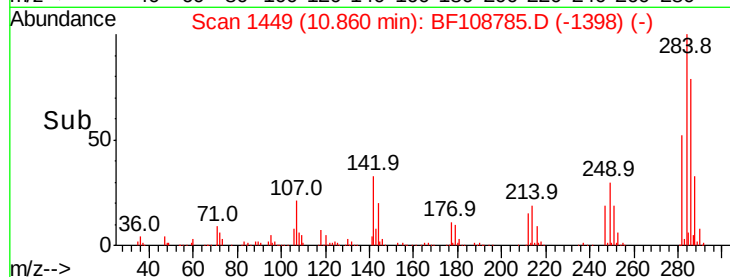
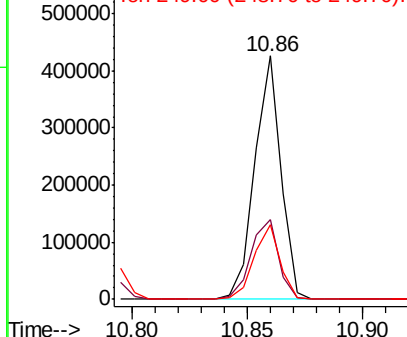
Tot Ion:	284	Resp:	339280
Ion Ratio	Lower	Upper	
284	100		
142	32.8	34.6	52.0#
249	30.5	24.8	37.2

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: 32.317 ng

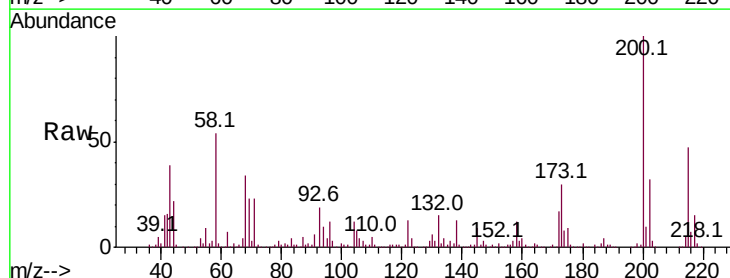
RT: 10.95 min Scan# 1464

Delta R.T. -0.01 min

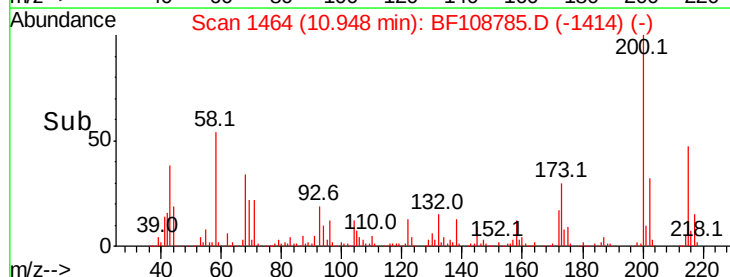
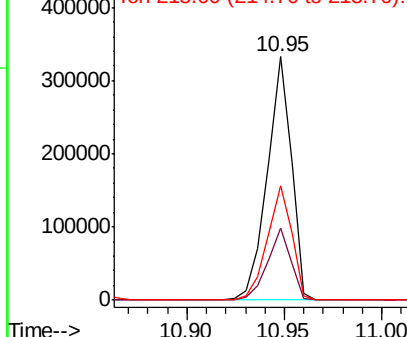
Lab File: BF108785.D

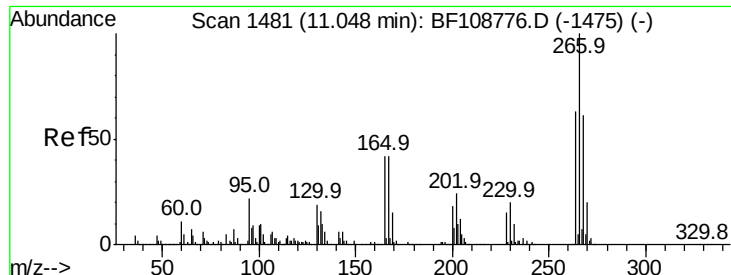
Acq: 5 Sep 2018 20:18

Tgt Ion:	200	Resp:	286243
Ion Ratio	Lower	Upper	
200	100		
173	29.6	8.6	48.6
215	47.1	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





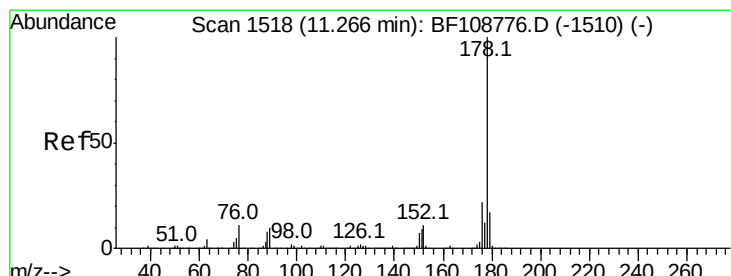
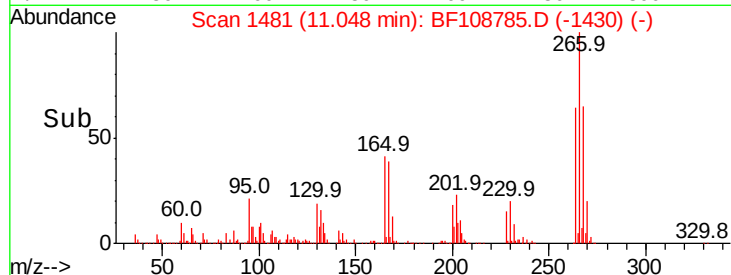
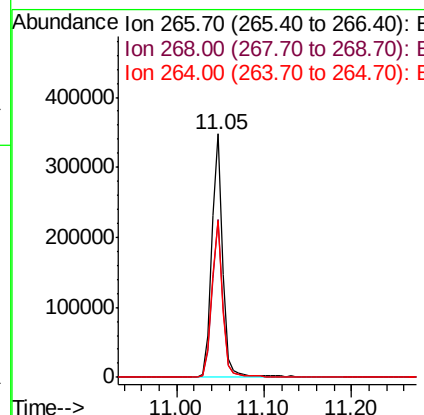
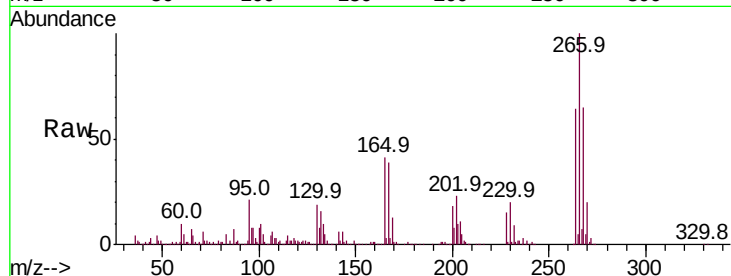
#69
 Pentachlorophenol
 Concen: 49.887 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	306015		
268	64.7		51.1	76.7
264	64.2		49.5	74.3

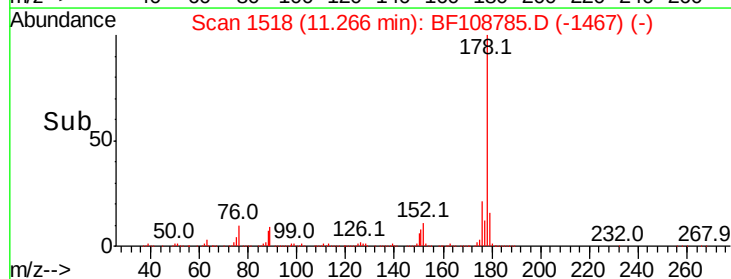
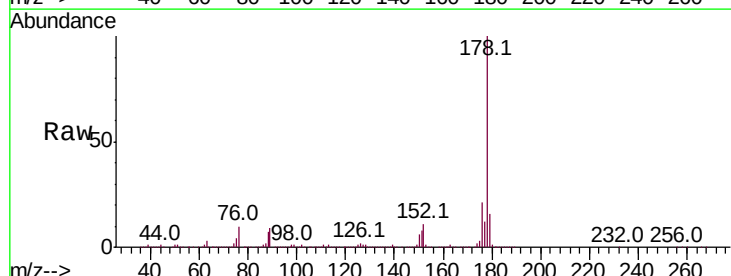
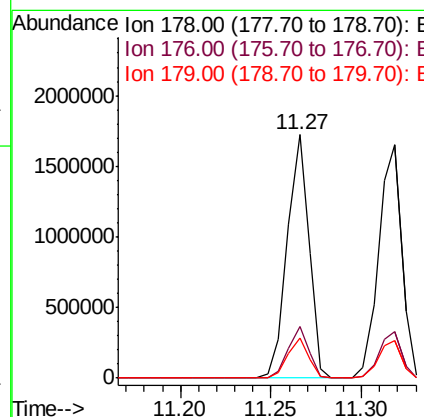
Manual Integrations
 APPROVED

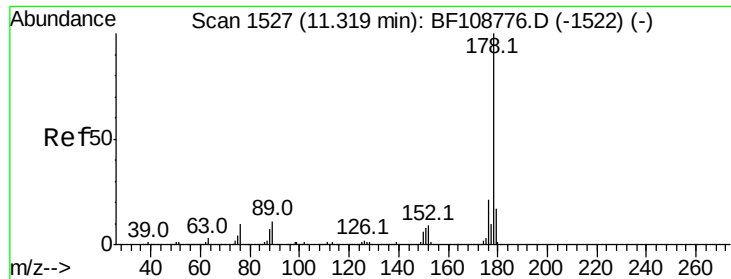
Sohil
 9/6/2018 4:44:52 PM



#70
 Phenanthrene
 Concen: 36.199 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1438519		
176	21.0		15.8	23.8
179	16.2		13.0	19.6





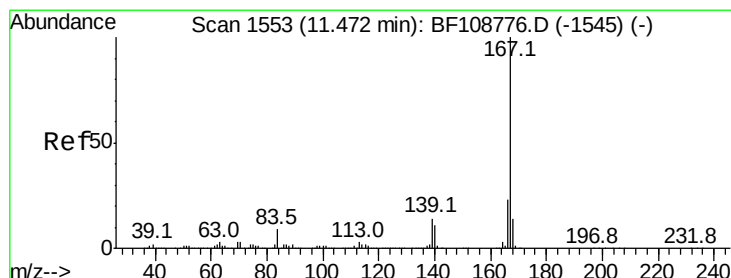
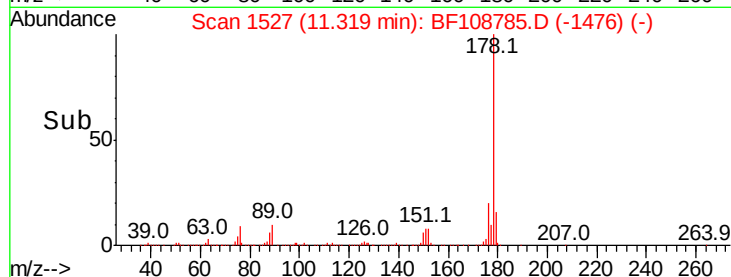
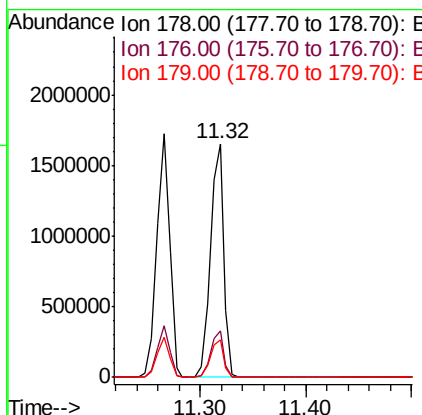
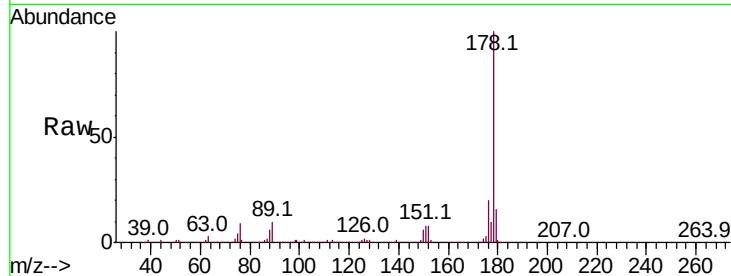
#71
 Anthracene
 Concen: 38.592 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion:178 Resp: 1468375
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 15.8 12.6 19.0

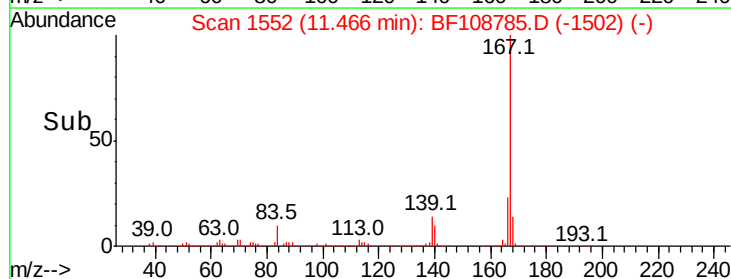
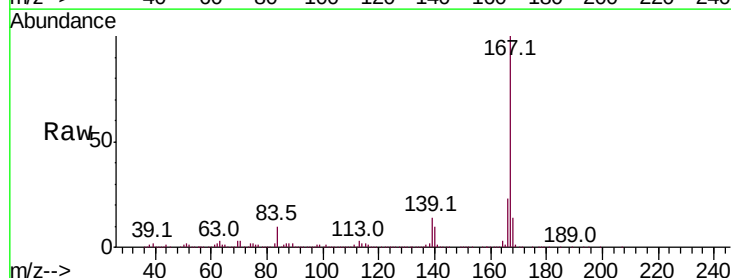
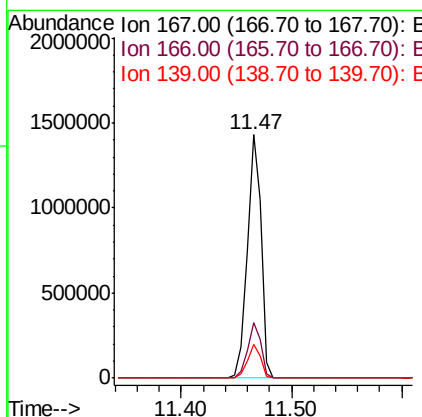
Manual Integrations
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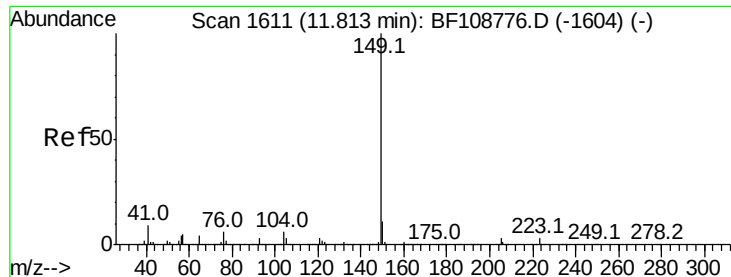
Sohil
 9/6/2018 4:44:52 PM



#72
 Carbazole
 Concen: 31.300 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:167 Resp: 1254190
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.622 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:149 Resp: 1674091

Ion Ratio Lower Upper

149 100

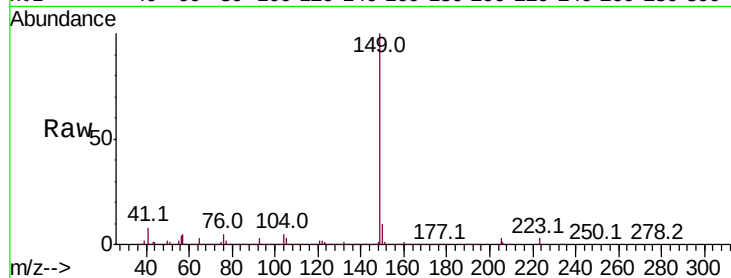
150 10.2 7.8 11.6

104 5.2 3.8 5.8

Manual Integrations
APPROVED

Sohil

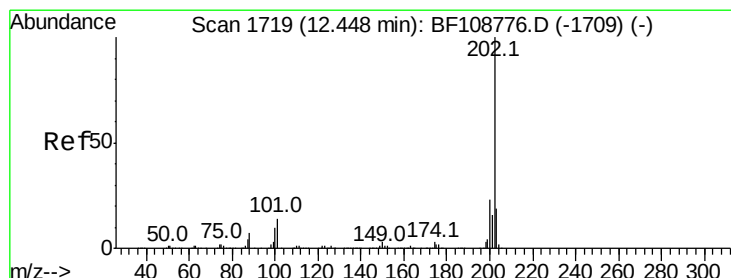
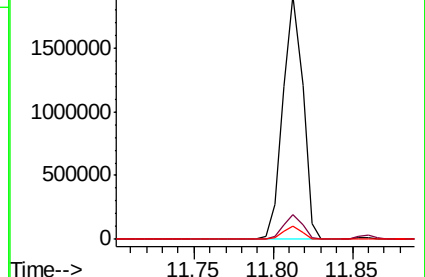
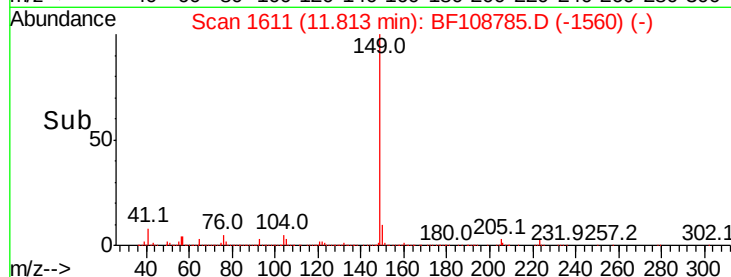
9/6/2018 4:44:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.253 ng

RT: 12.45 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

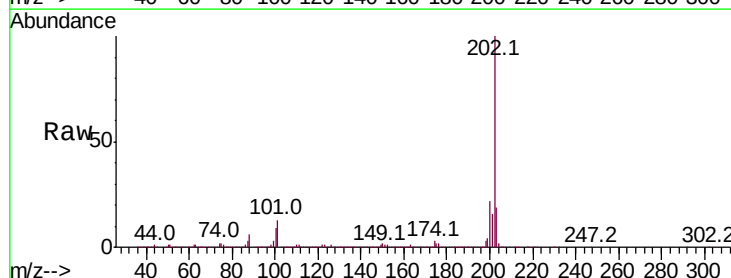
Tgt Ion:202 Resp: 1347743

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

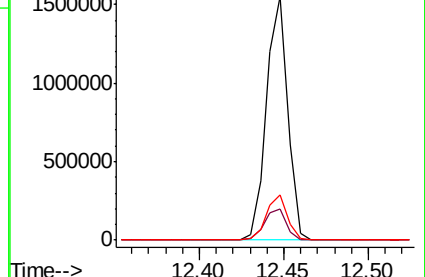
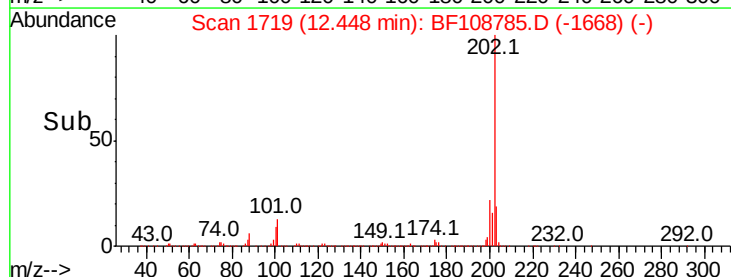
203 18.6 0.0 38.1

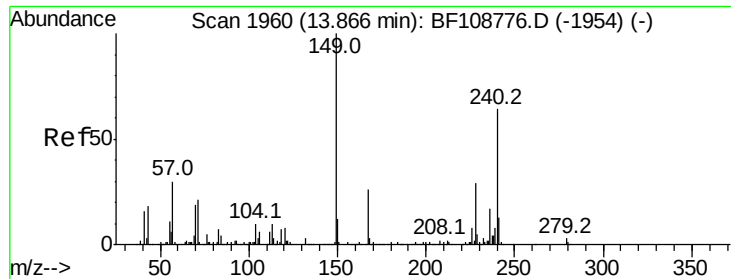


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

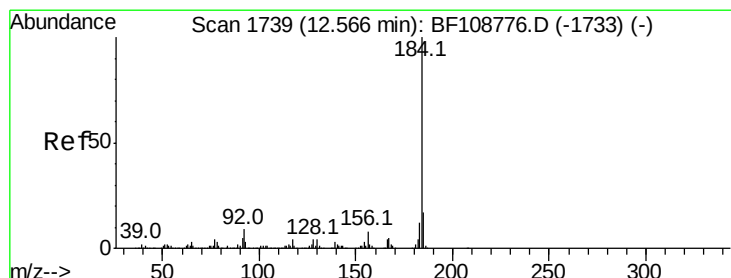
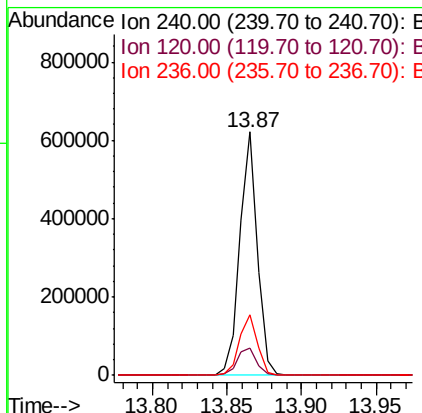
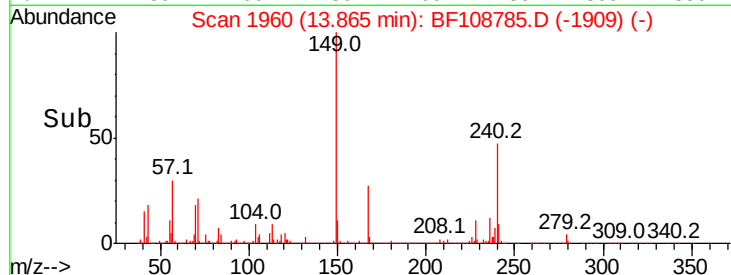
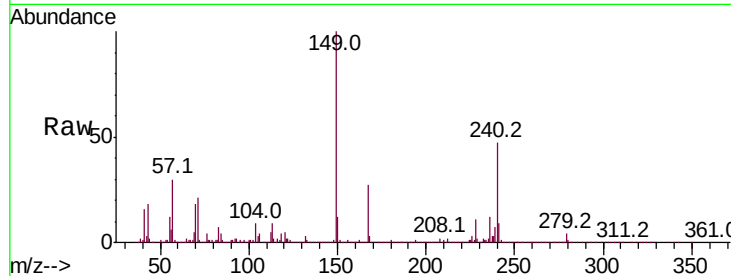
ClientSampleId :

AOC3-01-AMSD

Tot Ion:	240	Resp:	508861
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 3.742 ng

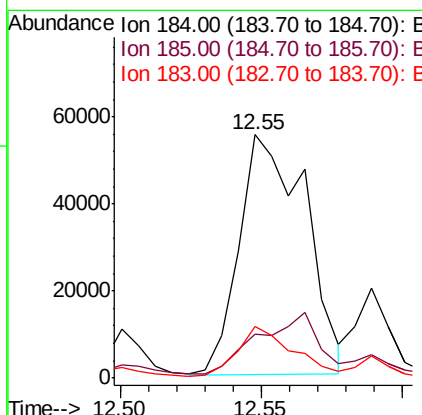
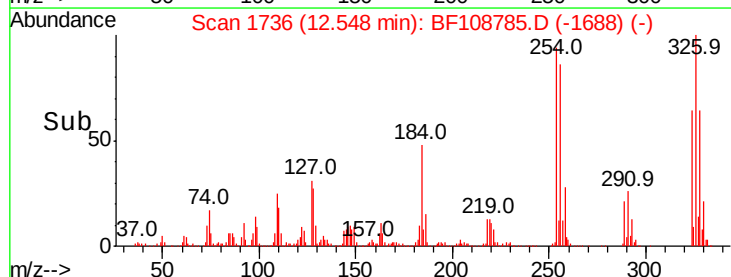
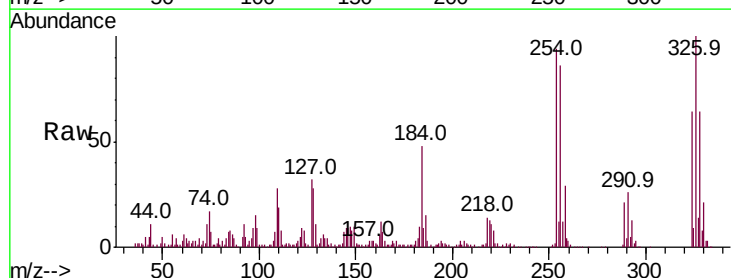
RT: 12.55 min Scan# 1736

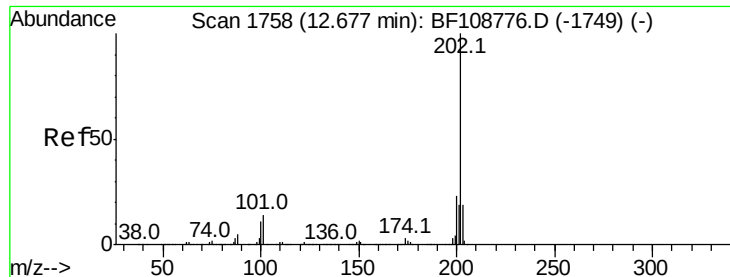
Delta R.T. -0.02 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:	184	Resp:	90255
Ion Ratio	Lower	Upper	
184	100		
185	18.0	12.6	18.8
183	21.1	9.3	13.9#





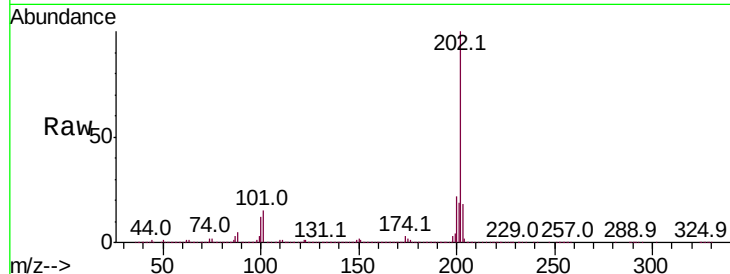
#77
Pvrene
Concen: 34.222 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.4	14.3	21.5

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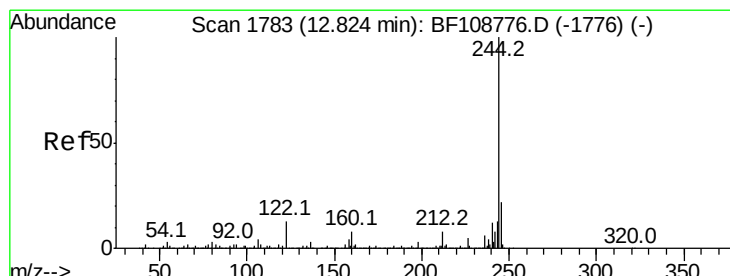
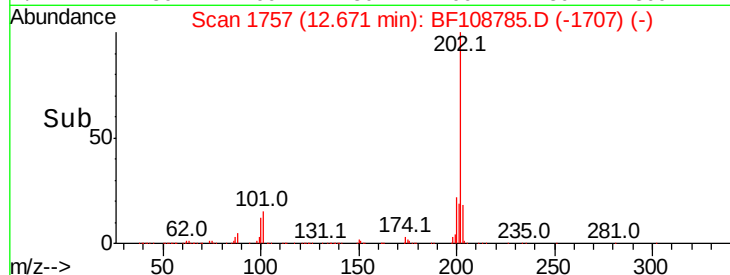
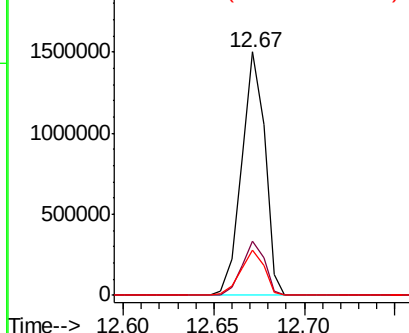


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 70.522 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

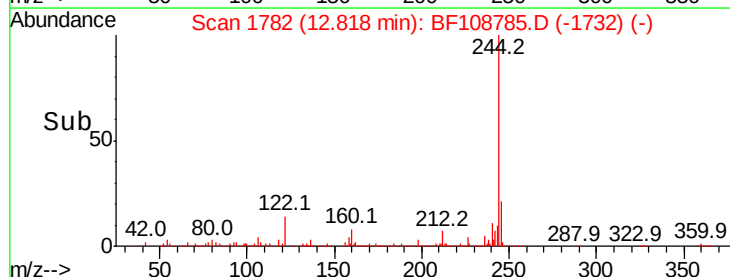
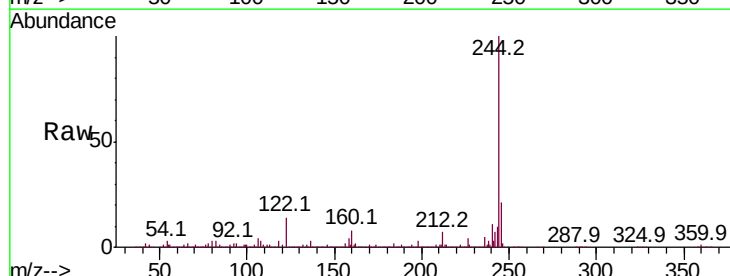
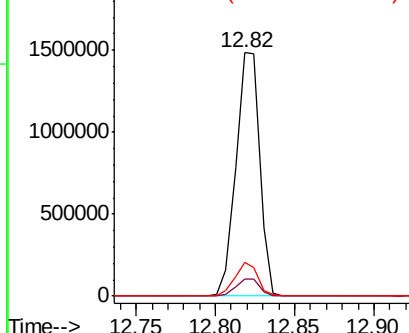
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.8	11.0	16.4

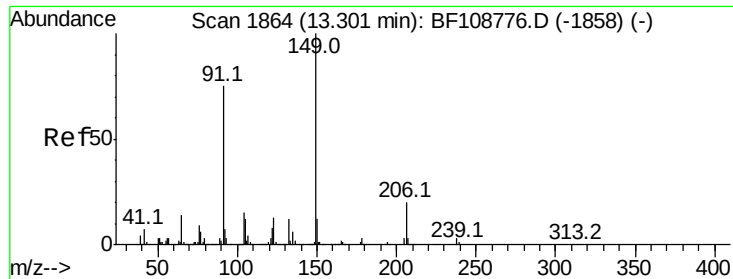
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





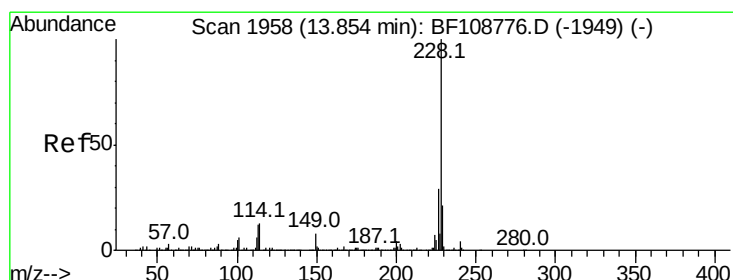
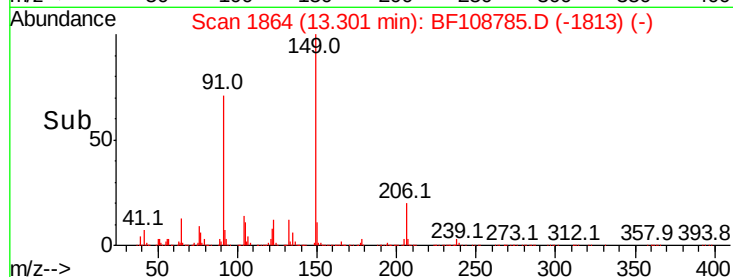
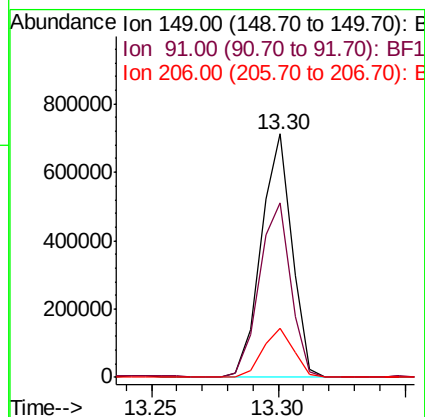
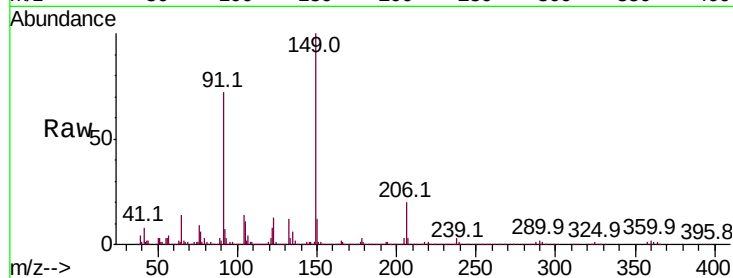
#79
Butylbenzylphthalate
Concen: 34.063 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	20.2	14.1	21.1

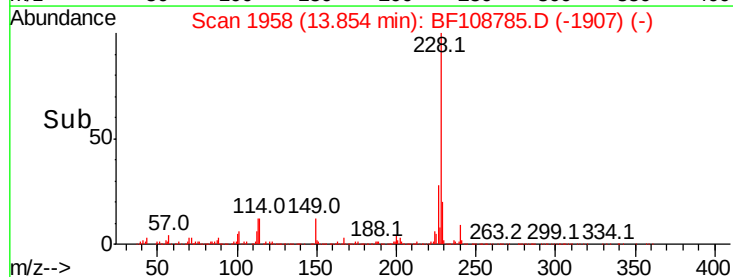
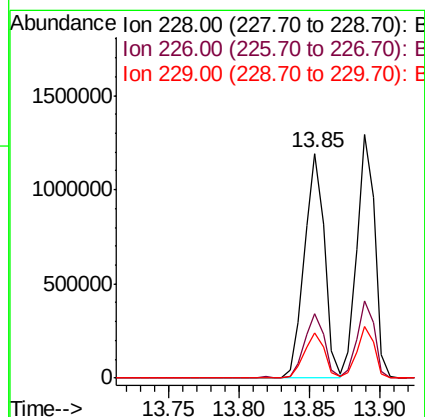
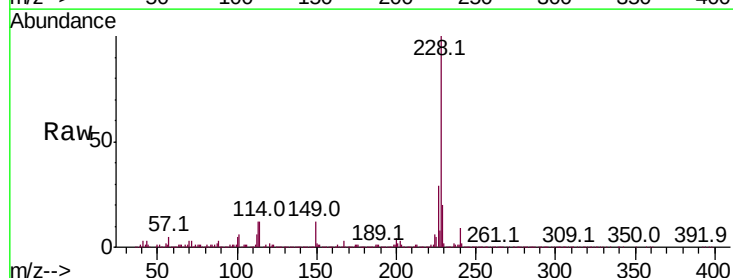
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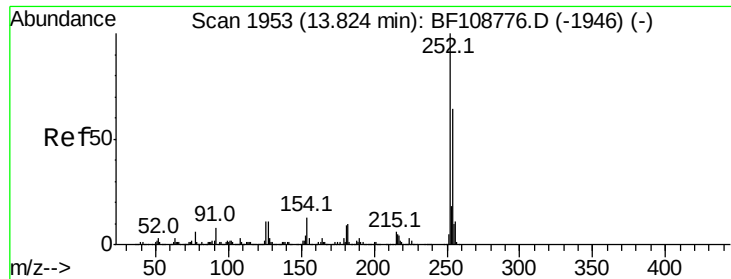
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#80
Benzo(a)anthracene
Concen: 35.943 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	15.8	23.6





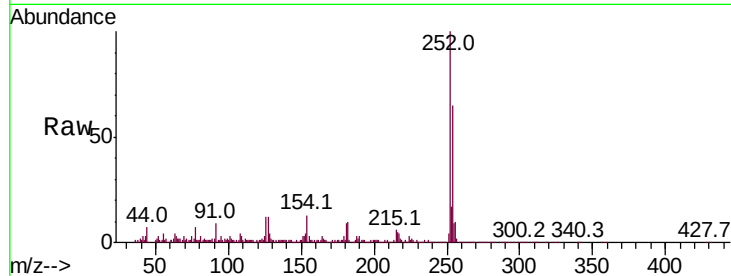
#81
3,3'-Dichlorobenzidine
Concen: 18.769 ng
RT: 13.82 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

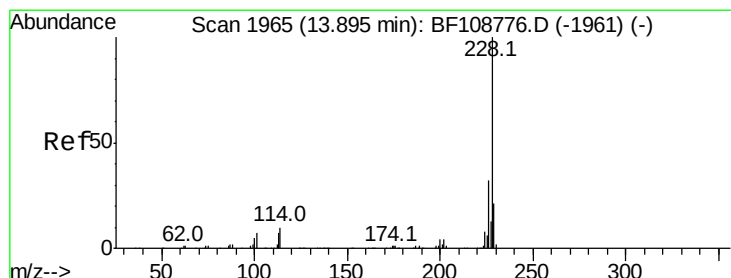
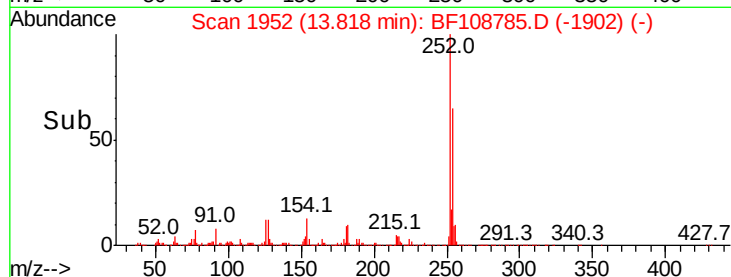
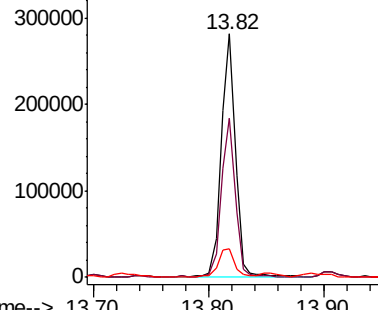
Tot Ion	Ratio	Resp	Lower	Upper
252	100	238502		
254	65.2		50.4	75.6
126	11.9		11.3	16.9

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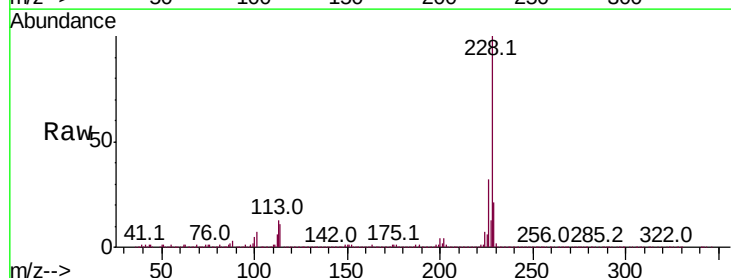


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

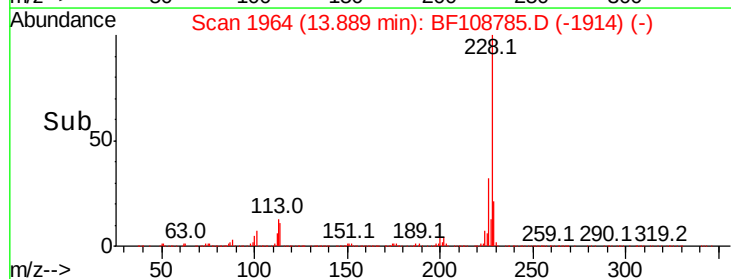
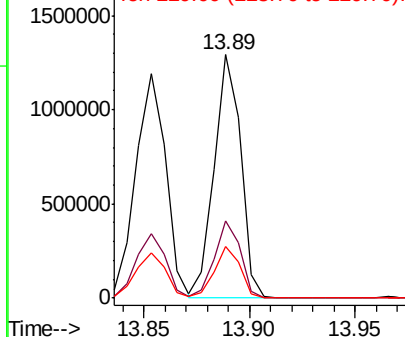


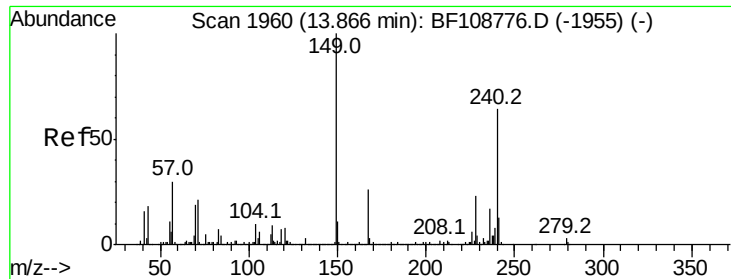
#82
Chrysene
Concen: 35.788 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1130006		
226	31.8		25.0	37.6
229	21.0		16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





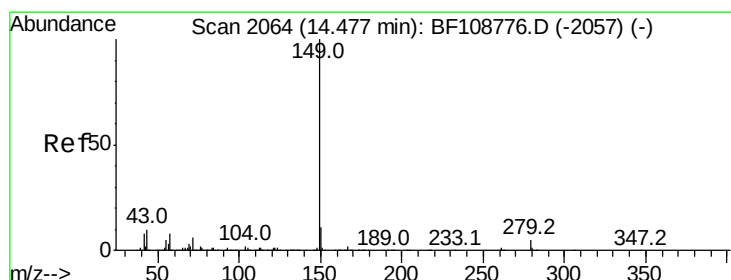
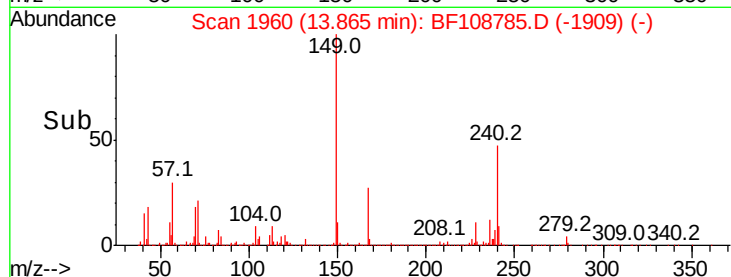
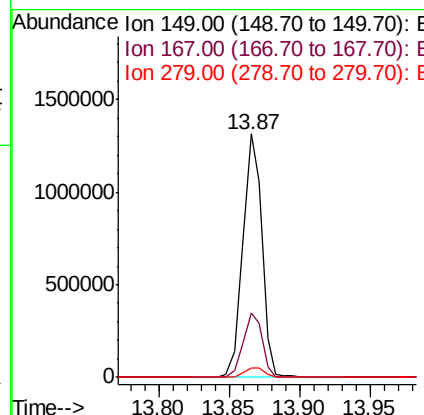
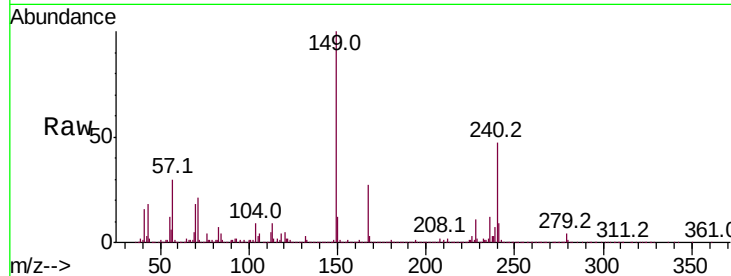
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.934 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion:149 Resp: 1217304
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.8 3.0 4.4

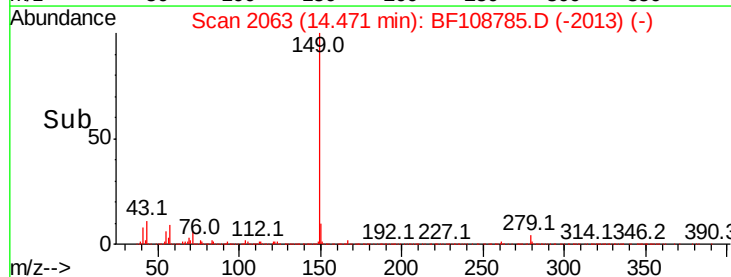
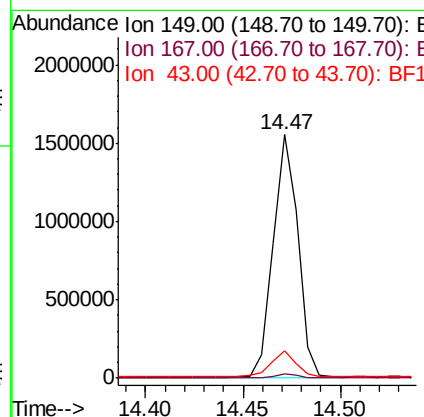
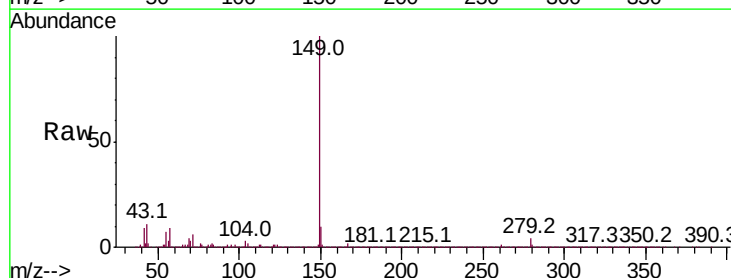
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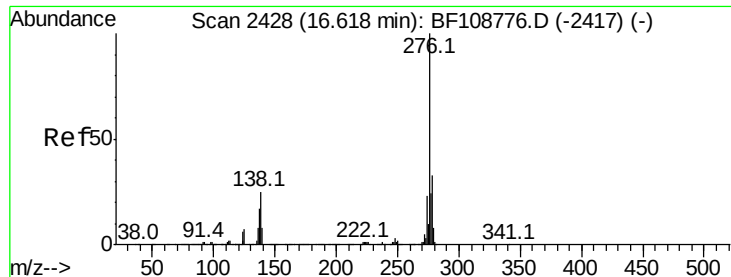
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#84
 Di-n-octyl phthalate
 Concen: 36.761 ng
 RT: 14.47 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:149 Resp: 1358085
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.0 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.394 ng

RT: 16.62 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

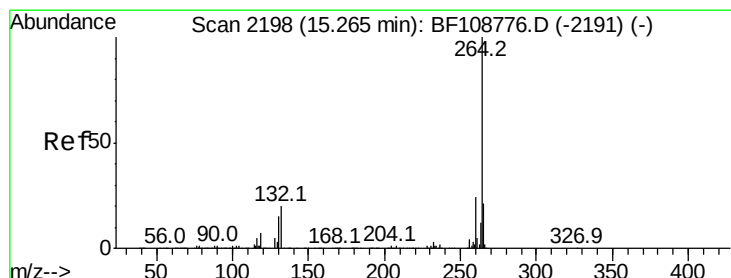
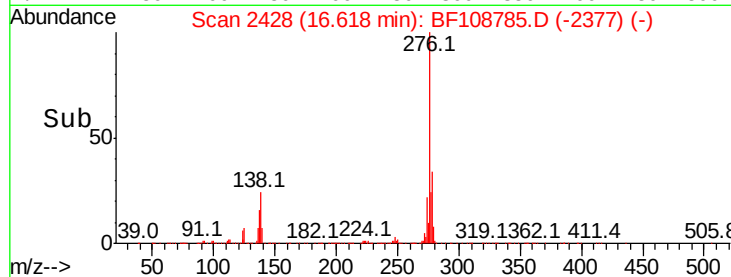
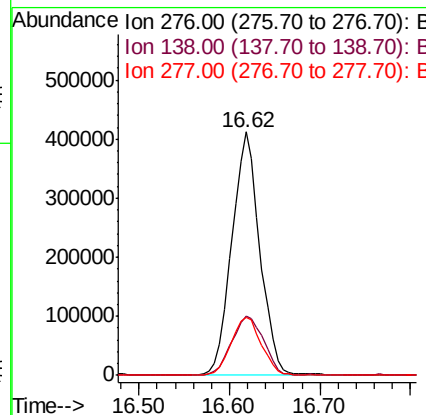
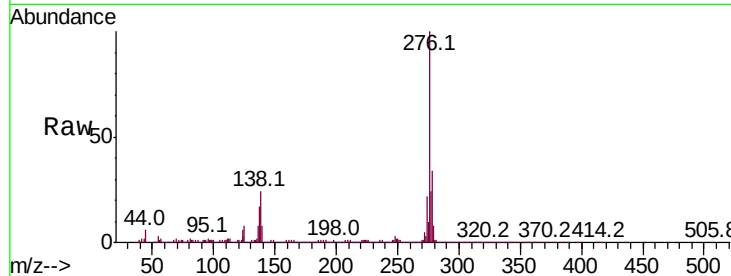
ClientSampleId :

AOC3-01-AMSD

Tot Ion:	276	Resp:	877248
Ion Ratio	Lower	Upper	
276	100		
138	27.3	25.0	37.6
277	25.2	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

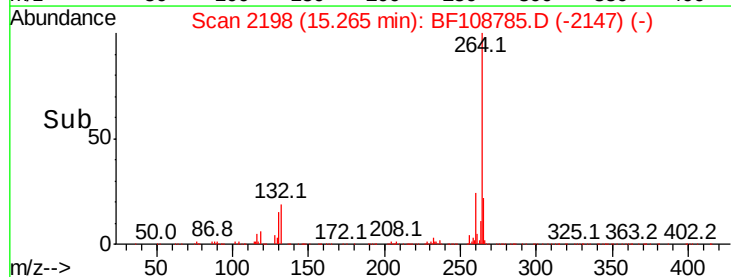
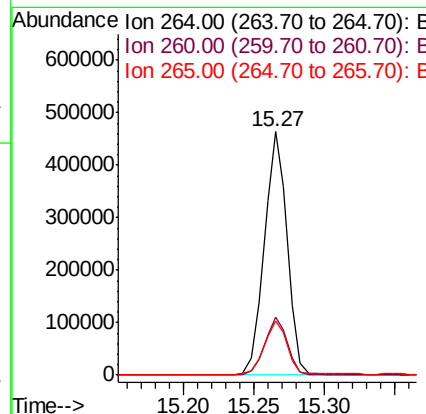
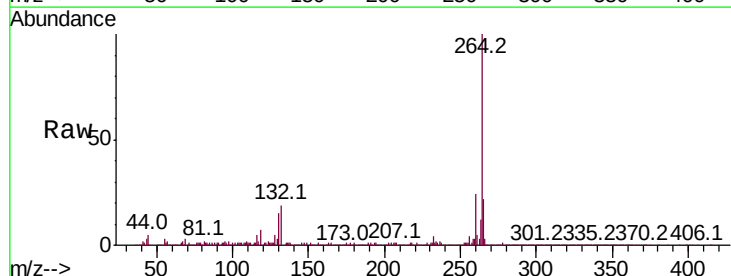
RT: 15.27 min Scan# 2198

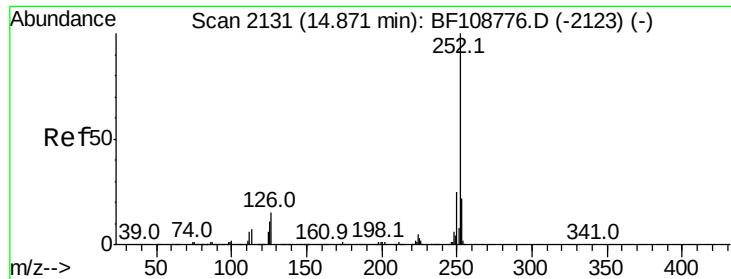
Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:	264	Resp:	526219
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.240 ng

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

AOC3-01-AMSD

Tot Ion:252 Resp: 1094176

Ion Ratio Lower Upper

252 100

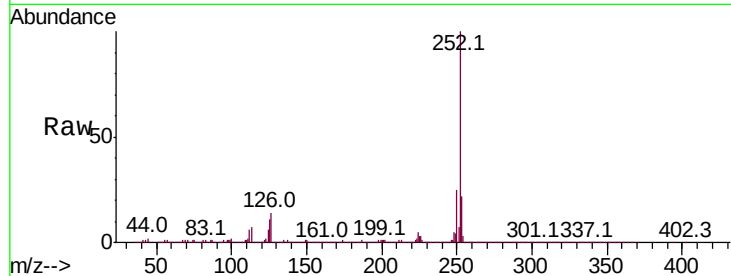
253 22.5 17.0 25.6

125 11.1 9.0 13.6

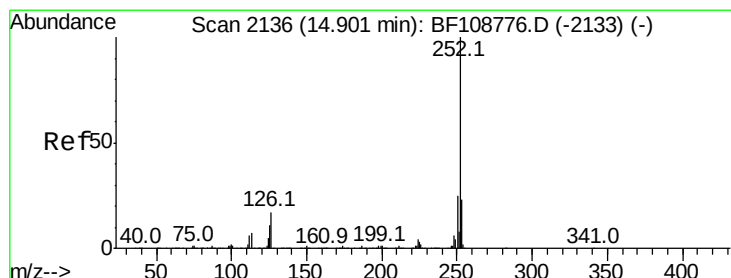
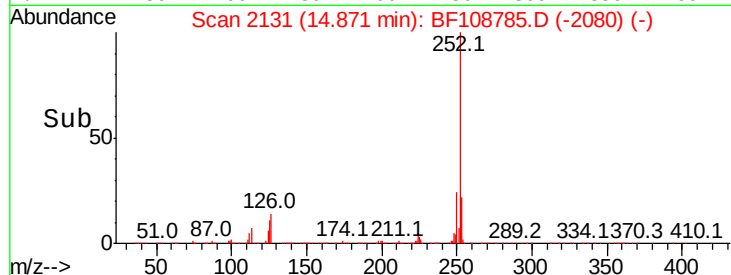
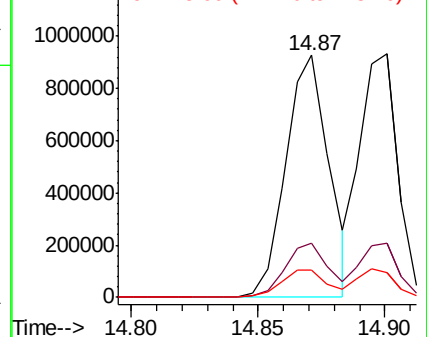
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.591 ng

RT: 14.90 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

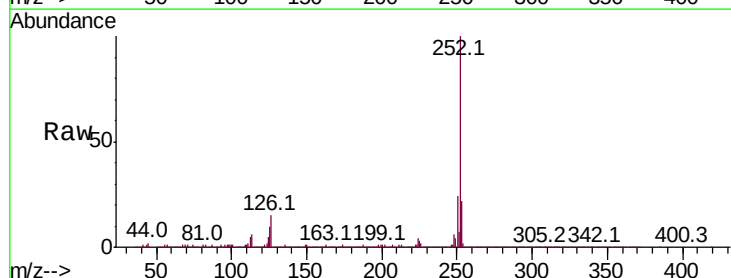
Tgt Ion:252 Resp: 964179

Ion Ratio Lower Upper

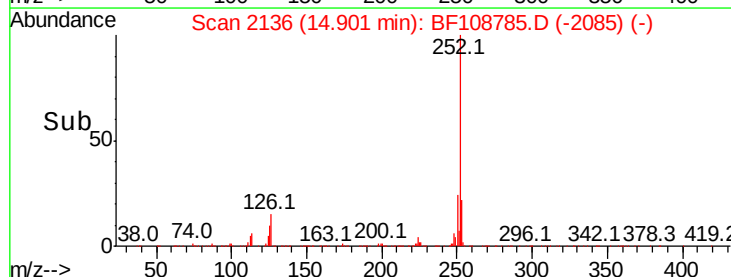
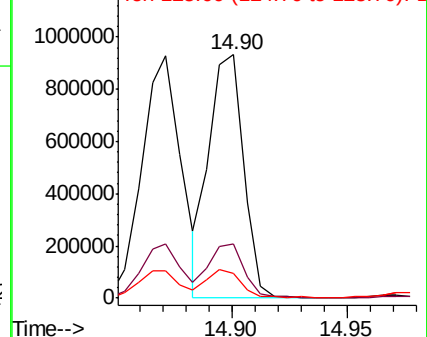
252 100

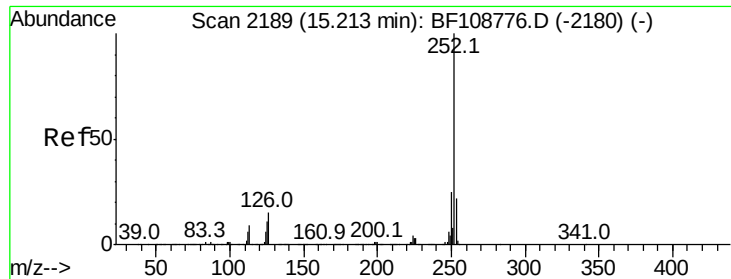
253 22.2 17.9 26.9

125 10.2 10.2 15.2



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





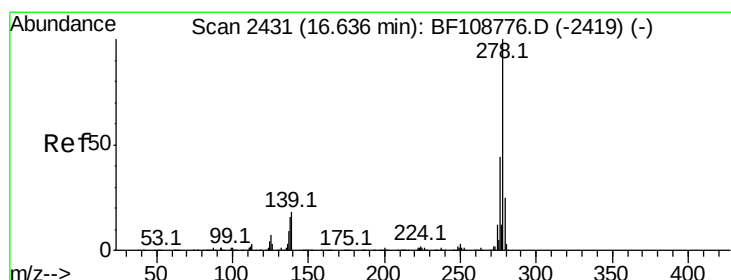
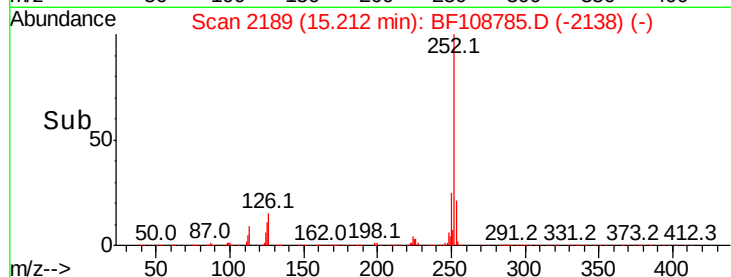
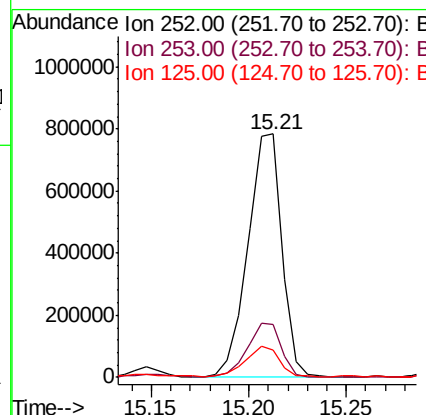
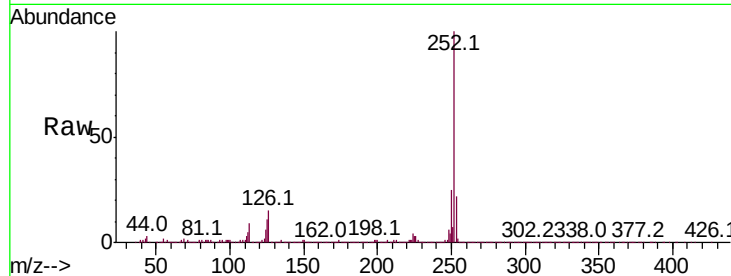
#89
Benzo(a)pyrene
Concen: 36.498 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMSD

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

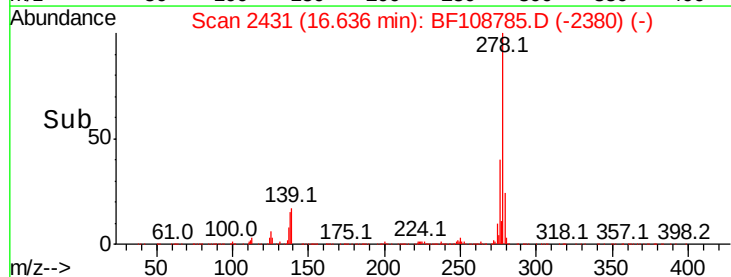
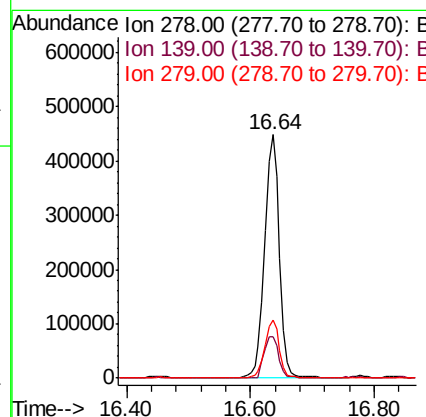
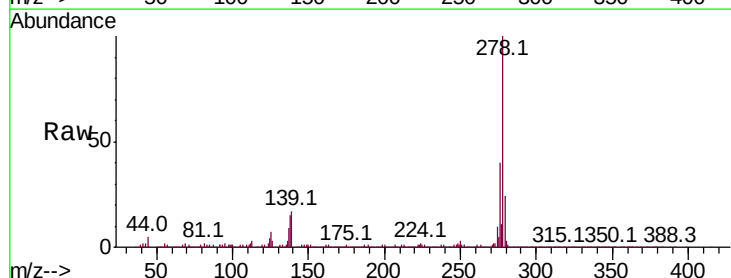
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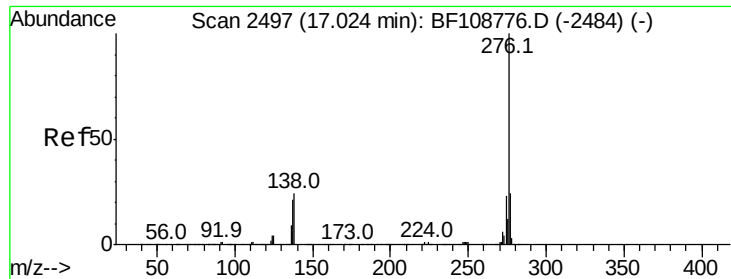
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 32.681 ng
RT: 16.64 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.916 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-AMSD

Tot Ion:	276	Resp:	727003
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	23.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/6/2018 4:44:52 PM

