

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110811.D
 Acq On : 16 Nov 2018 12:18
 Operator : JU/SJ
 Sample : J5939-02MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:55:36 AM

Quant Time: Nov 16 12:55:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60714	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	251442	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	123069	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	239159	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148006	20.00	ng	0.00
87) Perylene-d12	15.66	264	134382	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	380126	101.70	ng	0.02
7) Phenol-d6	6.57	99	383248	80.18	ng	0.00
23) Nitrobenzene-d5	7.50	82	308672	70.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	39812	32.10	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	598385	69.44	ng	0.00
79) Terphenyl-d14	13.06	244	623254	78.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	46346	24.885	ng	91
3) Pyridine	3.59	79	101342	25.210	ng	# 85
4) n-Nitrosodimethylamine	3.55	42	66769	38.710	ng	89
6) Aniline	6.60	93	252980	40.586	ng	# 55
8) 2-Chlorophenol	6.73	128	166380	37.971	ng	98
9) Benzaldehyde	6.50	77	79073	28.548	ng	97
10) Phenol	6.58	94	167281	30.182	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	144984	34.906	ng	94
12) 1,3-Dichlorobenzene	6.88	146	164884	34.391	ng	98
13) 1,4-Dichlorobenzene	6.96	146	169436	34.802	ng	98
14) 1,2-Dichlorobenzene	7.11	146	163773	36.161	ng	99
15) Benzyl Alcohol	7.08	79	139669	37.340	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	229560	35.193	ng	75
17) 2-Methylphenol	7.19	107	118660	34.026	ng	# 82
18) Hexachloroethane	7.45	117	62492	34.769	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	113745	37.280	ng	95
20) 3+4-Methylphenols	7.35	107	147093m	32.858	ng	
22) Acetophenone	7.35	105	228617	39.013	ng	96
24) Nitrobenzene	7.53	77	172326	38.523	ng	91
25) Isophorone	7.76	82	311349	43.508	ng	97
26) 2-Nitrophenol	7.84	139	54228	24.300	ng	98
27) 2,4-Dimethylphenol	7.87	122	132198	38.897	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	189733	39.159	ng	99
29) 2,4-Dichlorophenol	8.08	162	136876	39.140	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	145335	36.860	ng	98
31) Naphthalene	8.25	128	477790	40.477	ng	100
33) 4-Chloroaniline	8.30	127	228271	42.694	ng	98
34) Hexachlorobutadiene	8.35	225	81324	36.110	ng	98
35) Caprolactam	8.66	113	31444	26.912	ng	90
36) 4-Chloro-3-methylphenol	8.77	107	130371	34.566	ng	97
37) 2-Methylnaphthalene	8.93	142	335199	43.319	ng	100
38) 1-Methylnaphthalene	9.04	142	320035	43.006	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	142857	36.671	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	39971	16.328	ng	94

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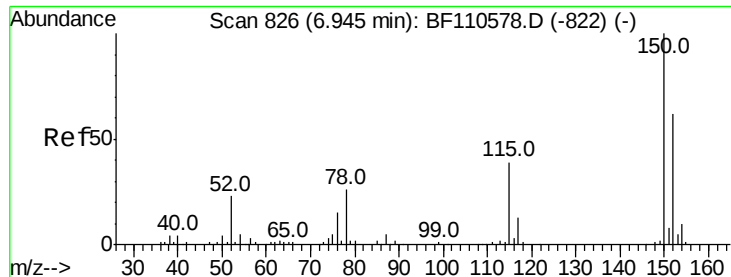
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Quant Time: Nov 16 12:55:08 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	58945	22.573	nq	95
46) 1,1'-Biphenyl	9.40	154	409507	35.669	nq	100
47) 2-Chloronaphthalene	9.43	162	313839	37.944	nq	100
48) 2-Nitroaniline	9.53	65	101769	39.928	nq	92
49) Acenaphthylene	9.85	152	493131	41.400	nq	98
50) Dimethylphthalate	9.70	163	367737	40.045	nq	98
51) 2,6-Dinitrotoluene	9.77	165	81447	40.318	nq	96
52) Acenaphthene	10.02	154	298929	39.711	nq	97
53) 3-Nitroaniline	9.95	138	87755	37.496	nq	95
55) Dibenzofuran	10.19	168	438371	39.804	nq	96
56) 4-Nitrophenol	10.12	139	15378	9.904	nq	97
57) 2,4-Dinitrotoluene	10.18	165	68814	26.199	nq	99
58) Fluorene	10.53	166	348856	41.239	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	16852	8.204	nq	# 78
60) Diethylphthalate	10.39	149	378292	41.639	nq	100
61) 4-Chlorophenyl-phenylether	10.52	204	169629	38.728	nq	97
62) 4-Nitroaniline	10.56	138	94672	40.171	nq	97
63) Azobenzene	10.68	77	349438	39.423	nq	98
66) n-Nitrosodiphenylamine	10.64	169	313038	38.832	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	100145	37.888	nq	# 89
68) Hexachlorobenzene	11.09	284	105954	38.021	nq	# 93
69) Atrazine	11.17	200	105483	42.795	nq	99
70) Pentachlorophenol	11.30	266	3283	2.208	nq	97
71) Phenanthrene	11.50	178	537231	41.929	nq	99
72) Anthracene	11.56	178	560243	43.345	nq	99
73) Carbazole	11.72	167	483944	38.987	nq	99
74) Di-n-butylphthalate	12.02	149	591805	40.657	nq	99
75) Fluoranthene	12.70	202	546055	42.508	nq	100
77) Benzidine	12.83	184	1165625	286.380	nq	96
78) Pyrene	12.93	202	539239	47.318	nq	99
80) Butylbenzylphthalate	13.53	149	203089	41.404	nq	96
81) Benzo(a)anthracene	14.12	228	386482	43.688	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	115719	39.048	nq	98
83) Chrysene	14.16	228	359140	42.612	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	248786	40.887	nq	96
85) Di-n-octyl phthalate	14.69	149	397004	44.369	nq	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	389783	64.449	nq	98
88) Benzo(b)fluoranthene	15.20	252	336102	41.808	nq	98
89) Benzo(k)fluoranthene	15.23	252	295499	37.199	nq	# 98
90) Benzo(a)pyrene	15.60	252	320715	43.908	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	321712	52.047	nq	98
92) Benzo(g,h,i)perylene	17.72	276	312679	50.984	nq	98

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



#1

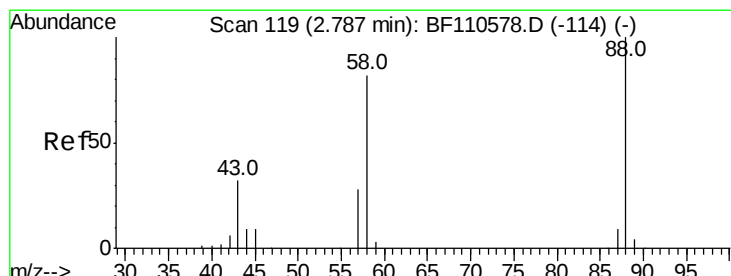
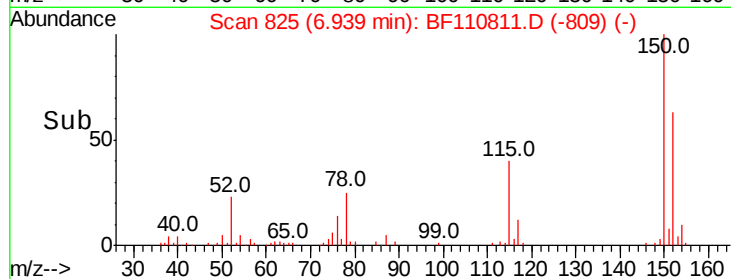
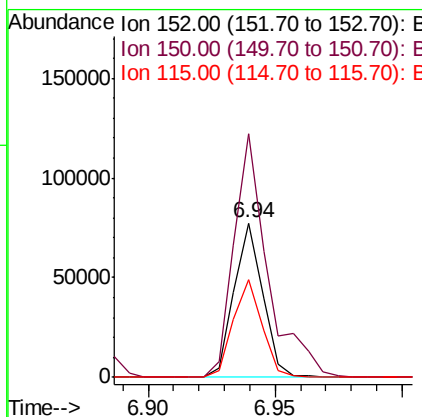
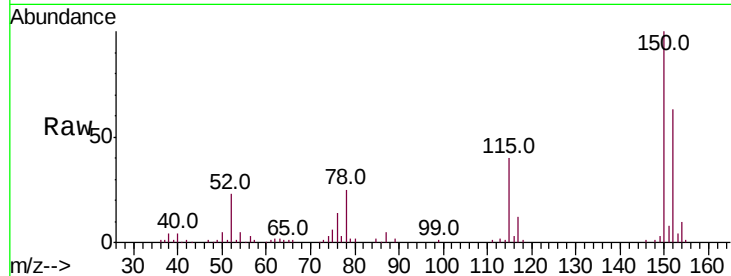
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.7	184.1
115	63.6	49.1	73.7

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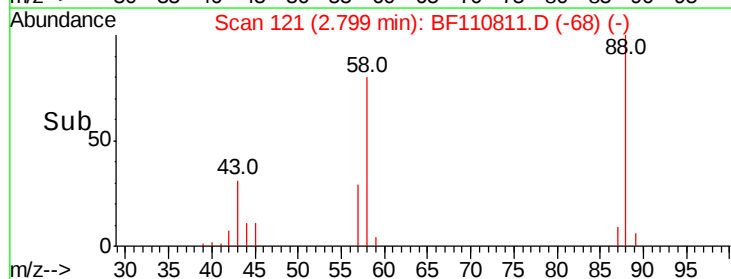
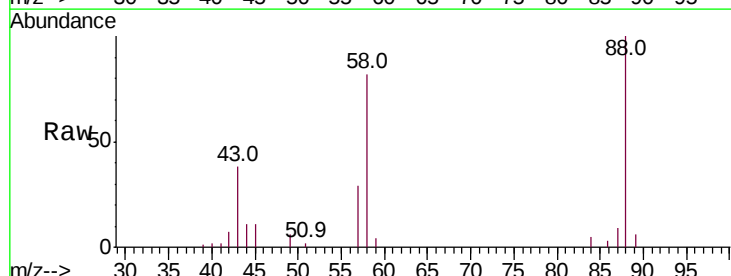
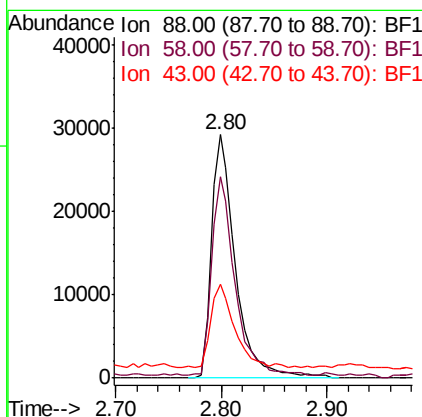
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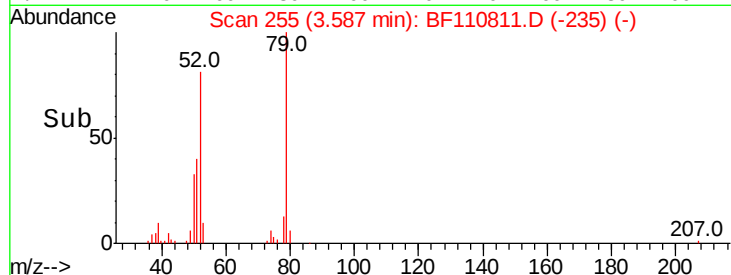
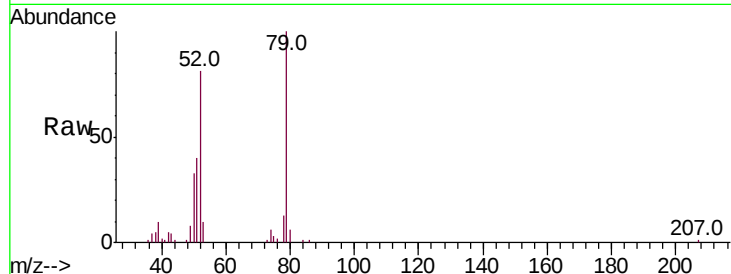
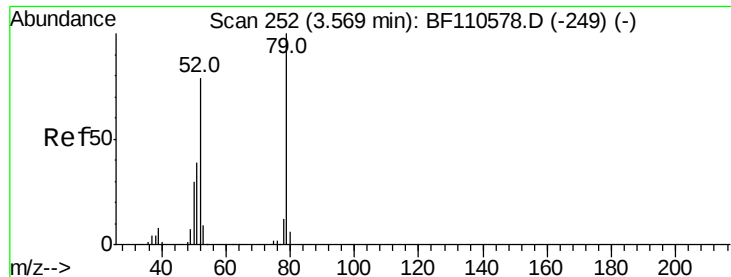


#2

1,4-Dioxane
Concen: 24.885 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	57.1	85.7
43	34.5	24.1	36.1





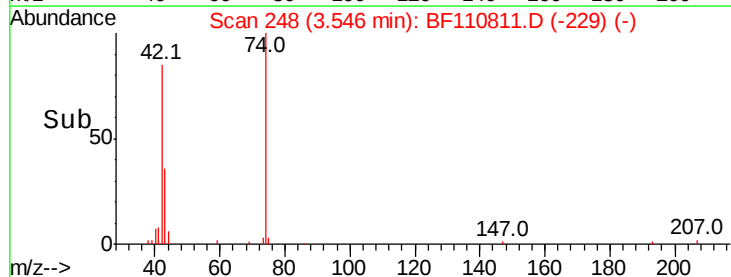
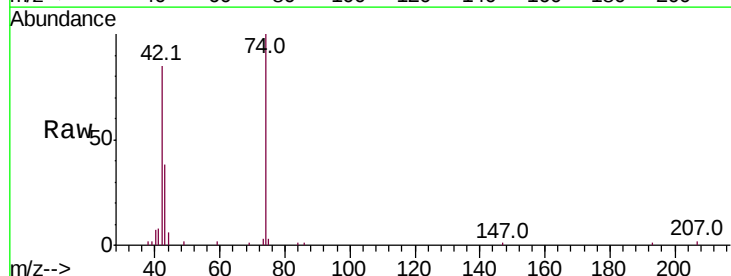
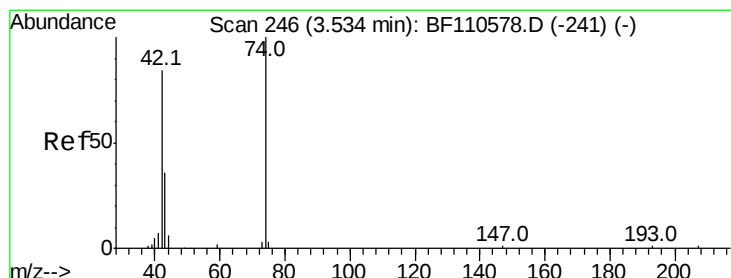
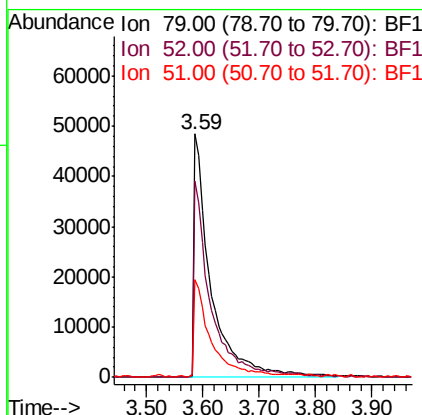
#3
Pvridine
Concen: 25.210 ng
RT: 3.59 min Scan# 255
Delta R.T. 0.02 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tot Ion: 79 Resp: 101342
Ion Ratio Lower Upper
79 100
52 80.7 53.1 79.7#
51 40.3 27.4 41.2

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

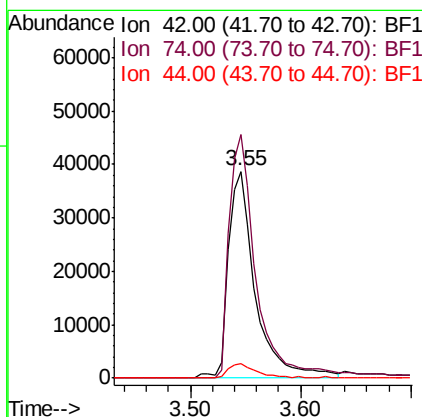
Manual Integrations
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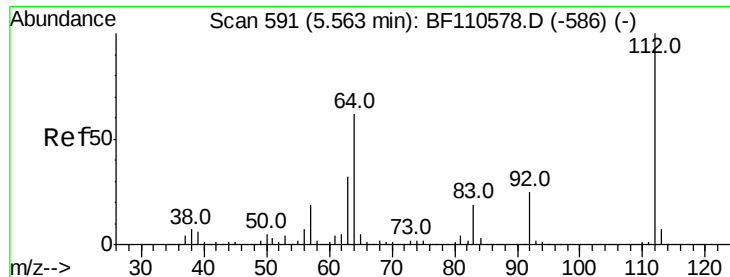
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#4
n-Nitrosodimethylamine
Concen: 38.710 ng
RT: 3.55 min Scan# 248
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion: 42 Resp: 66769
Ion Ratio Lower Upper
42 100
74 117.9 105.5 158.3
44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 101.697 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.02 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

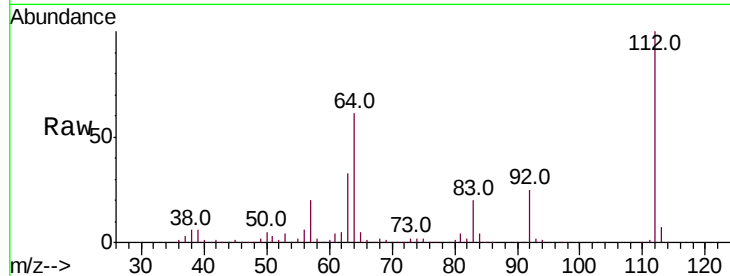
ClientSampleId :

OILY-WATERMSD

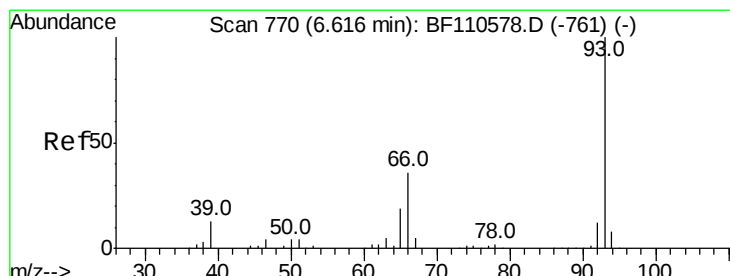
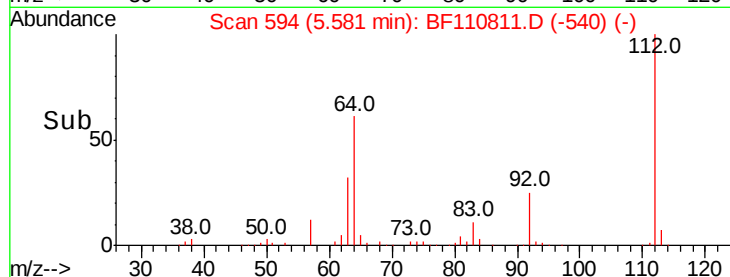
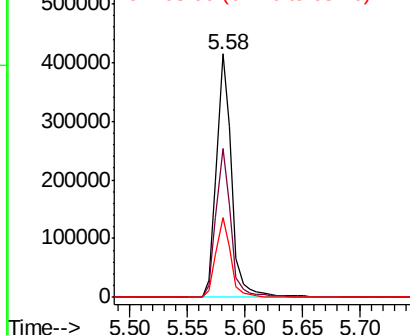
Tot Ion:	112	Resp:	380126
Ion Ratio	Lower	Upper	
112	100		
64	61.3	44.1	66.1
63	32.6	23.7	35.5

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



#6

Aniline

Concen: 40.586 ng

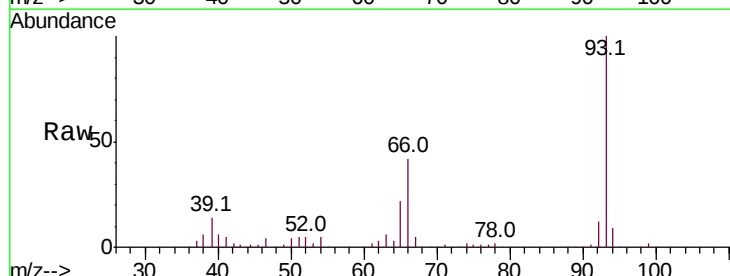
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

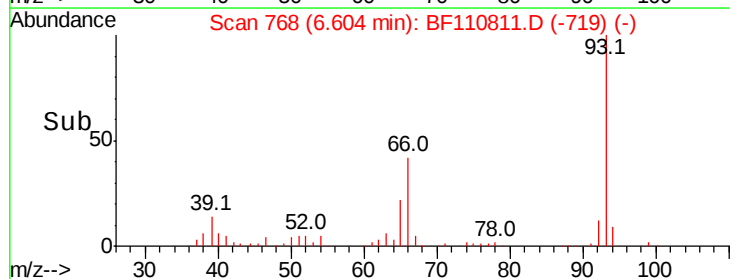
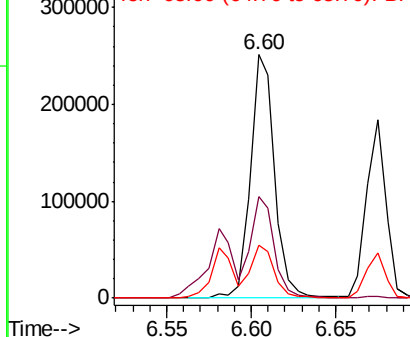
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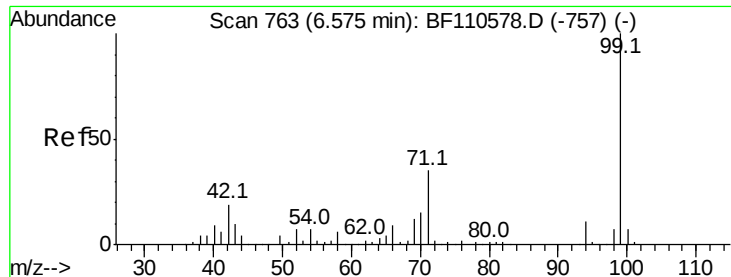
Acq: 16 Nov 2018 12:18

Tgt Ion:	93	Resp:	252980
Ion Ratio	Lower	Upper	
93	100		
66	41.6	67.4	101.0#
65	21.7	41.0	61.4#



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





#7

Phenol-d6

Concen: 80.181 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

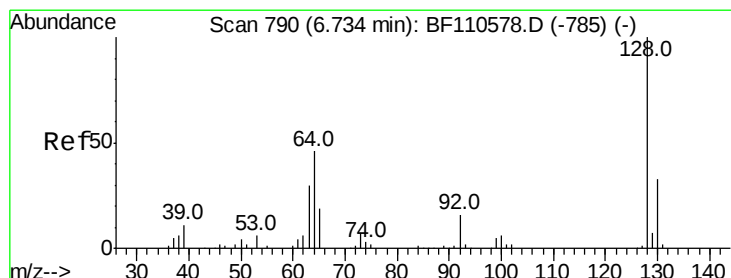
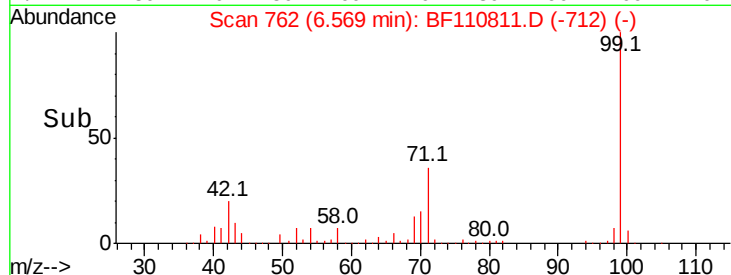
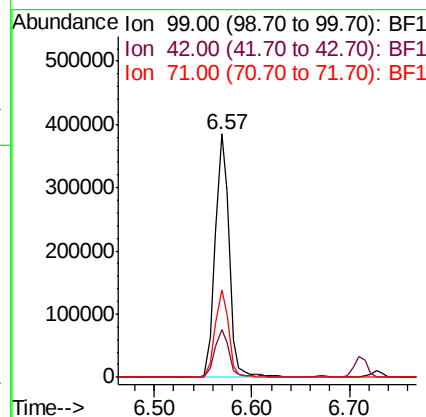
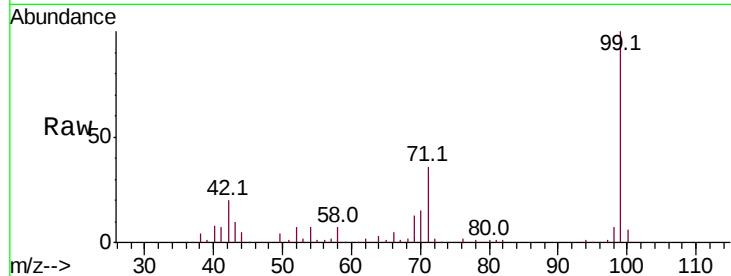
ClientSampleId :

OILY-WATERMSD

Tot Ion:	99	Resp:	383248
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 37.971 ng

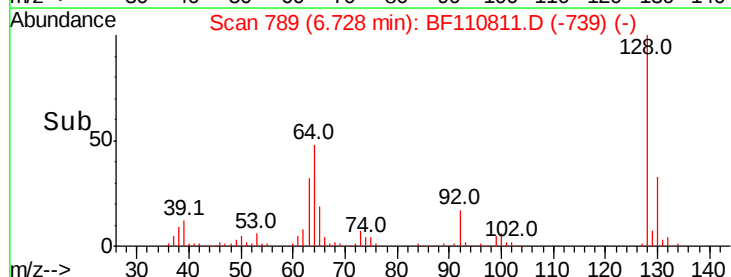
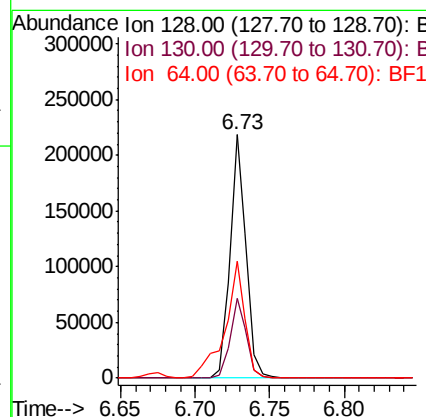
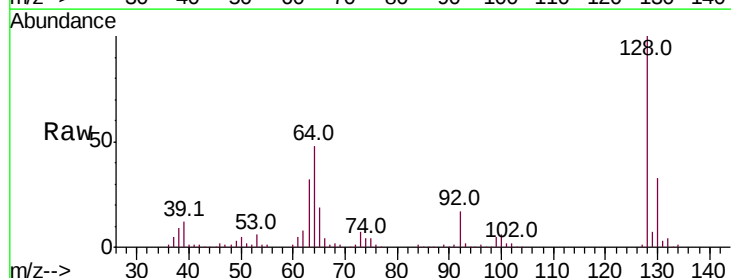
RT: 6.73 min Scan# 789

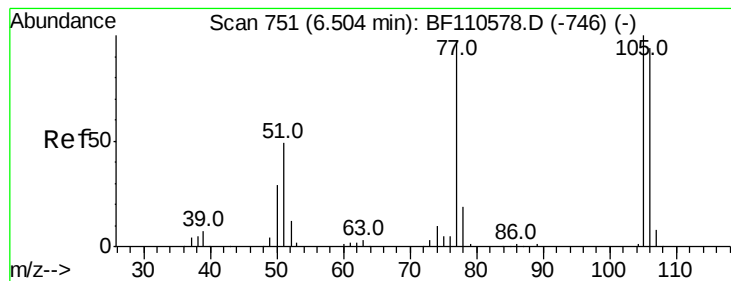
Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Tgt Ion:	128	Resp:	166380
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	48.2	26.0	66.0





#9

Benzaldehyde

Concen: 28.548 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

ClientSampleId :

OILY-WATERMSD

Tot Ion: 77 Resp: 79073

Ion Ratio Lower Upper

77 100

105 101.4 78.6 118.6

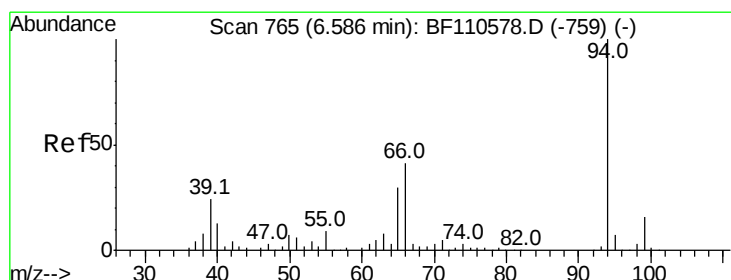
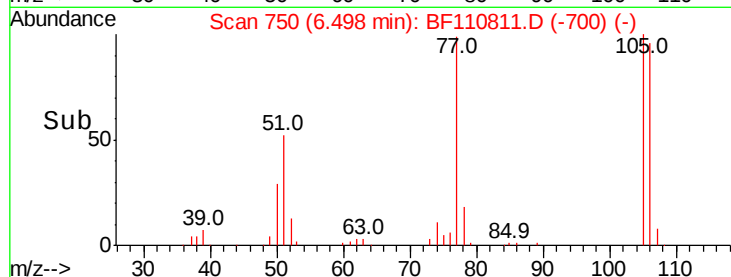
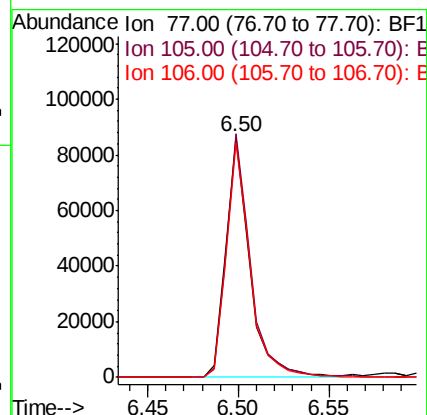
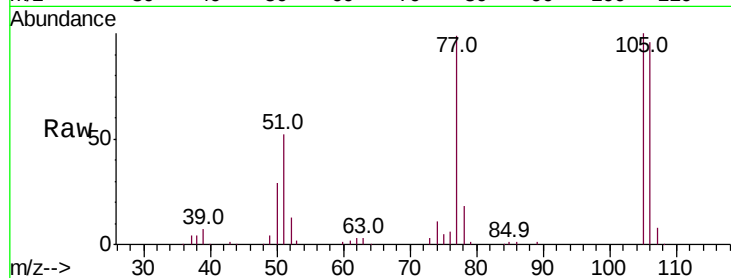
106 97.6 74.8 114.8

Manual Integrations

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#10

Phenol

Concen: 30.182 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

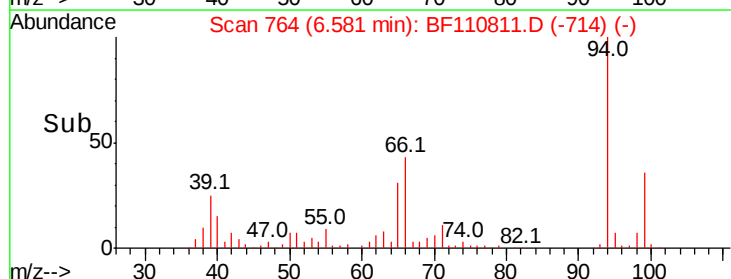
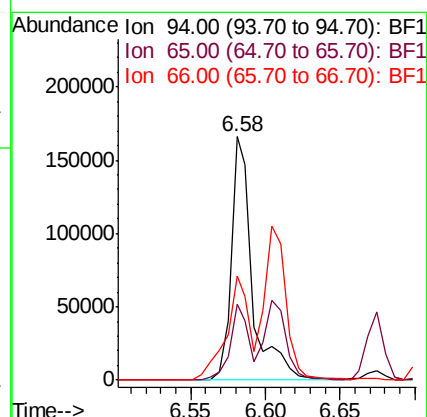
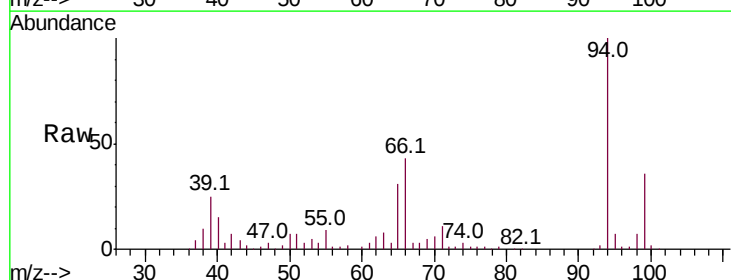
Tgt Ion: 94 Resp: 167281

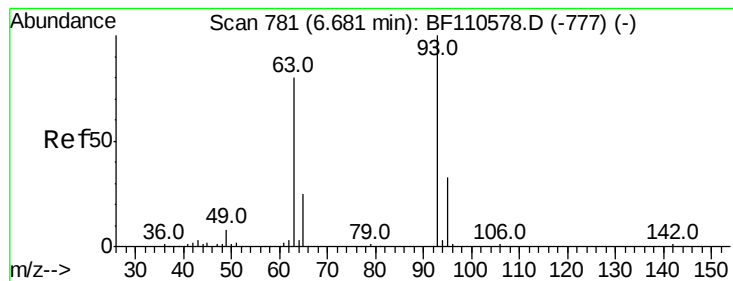
Ion Ratio Lower Upper

94 100

65 31.0 25.3 65.3

66 42.9 54.5 94.5#





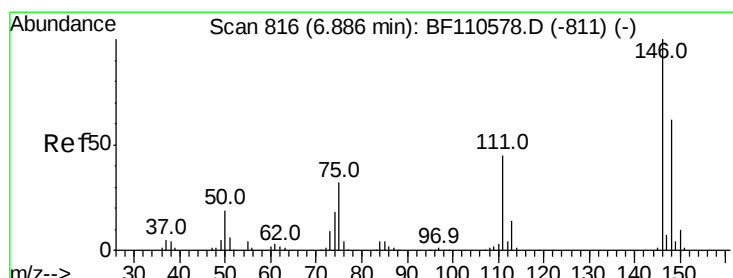
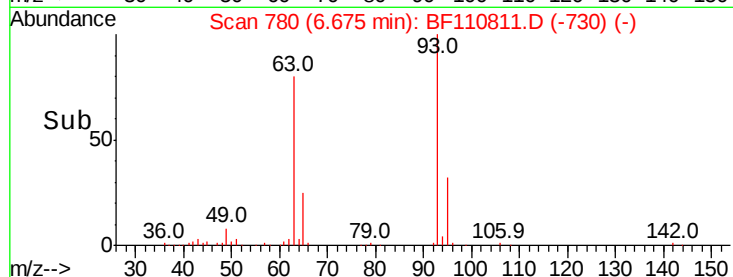
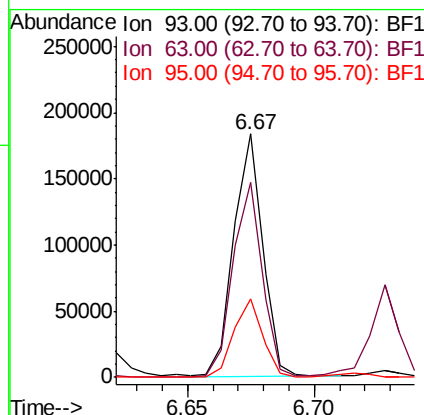
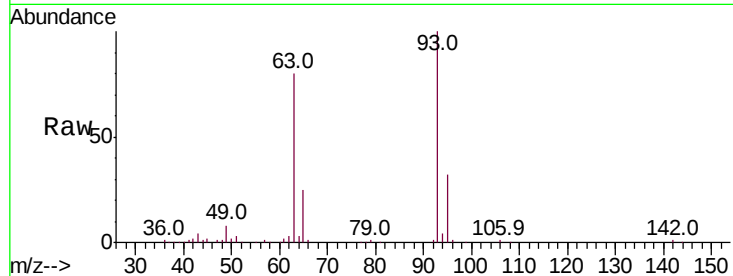
#11
bis(2-Chloroethyl)ether
Concen: 34.906 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion:	93	Resp:	144984
Ion Ratio	Lower	Upper	
93	100		
63	80.3	53.4	93.4
95	32.2	12.1	52.1

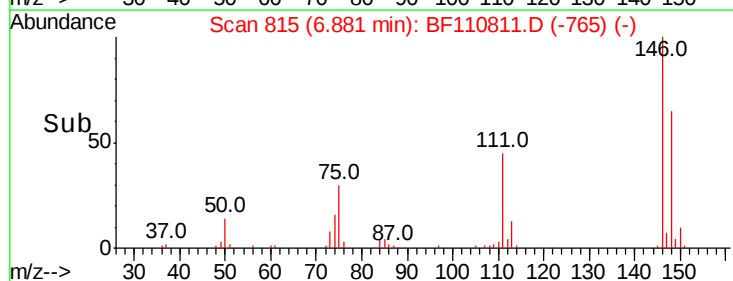
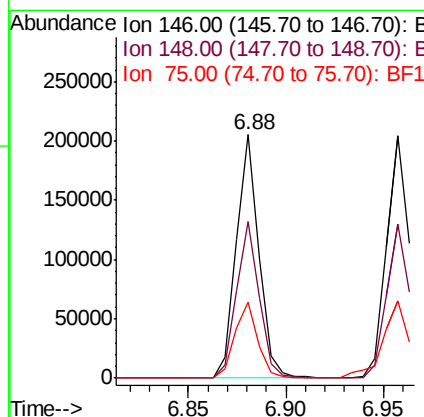
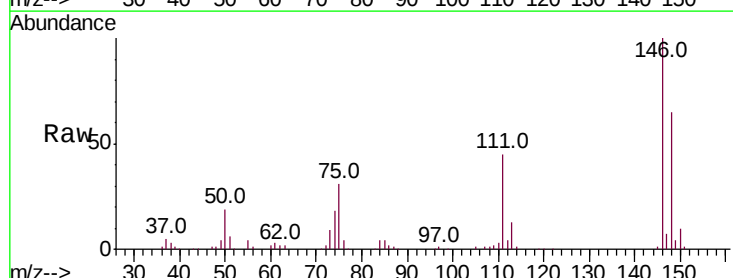
Manual Integrations
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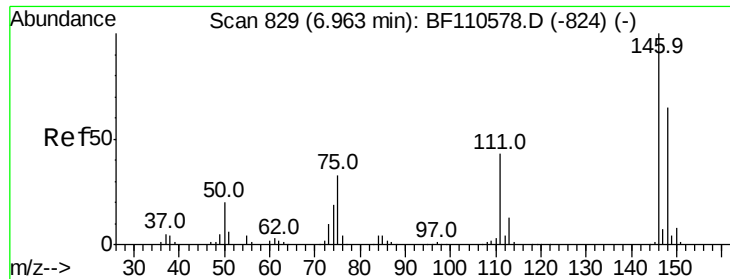
Sohil
11/19/2018 11:55:36 AM



#12
1,3-Dichlorobenzene
Concen: 34.391 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion:	146	Resp:	164884
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.4	75.6
75	31.2	25.8	38.6





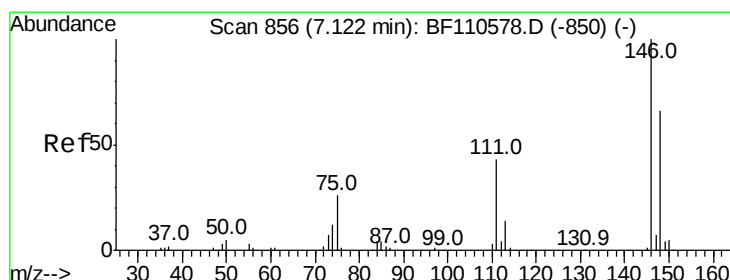
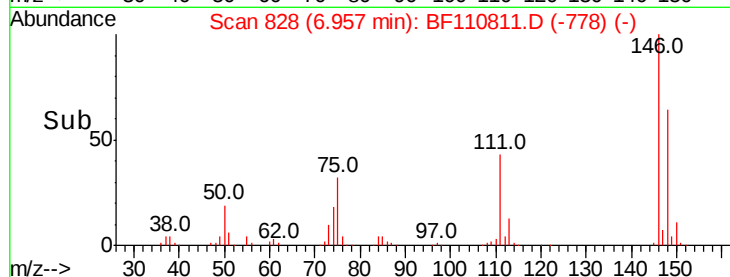
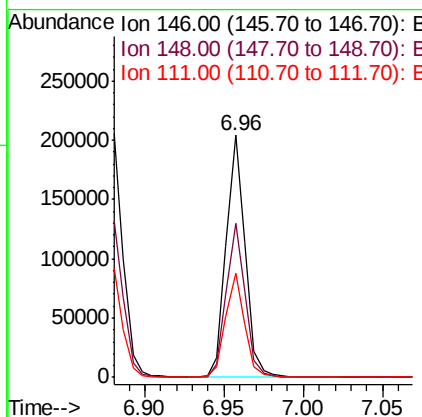
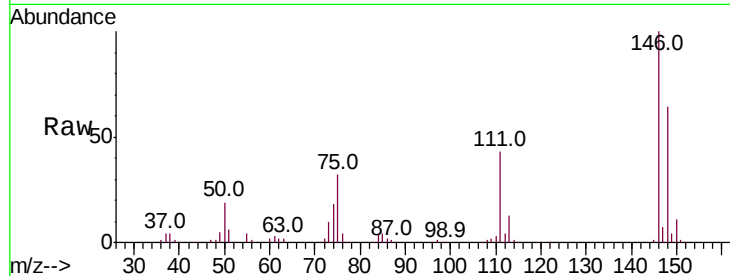
#13
1,4-Dichlorobenzene
Concen: 34.802 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.9	32.7	49.1

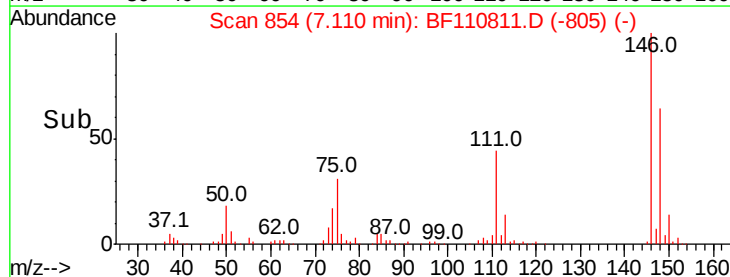
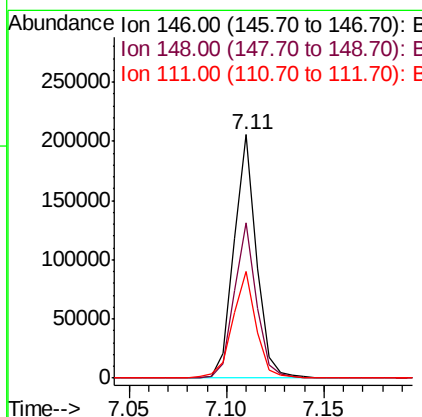
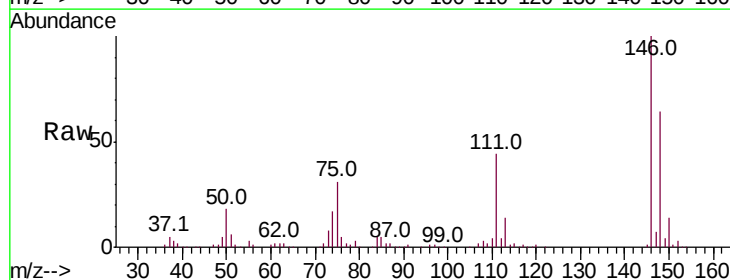
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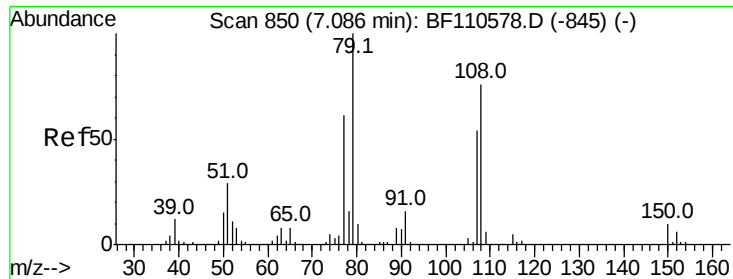
Sohil
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#14
1,2-Dichlorobenzene
Concen: 36.161 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.5	35.8	53.6





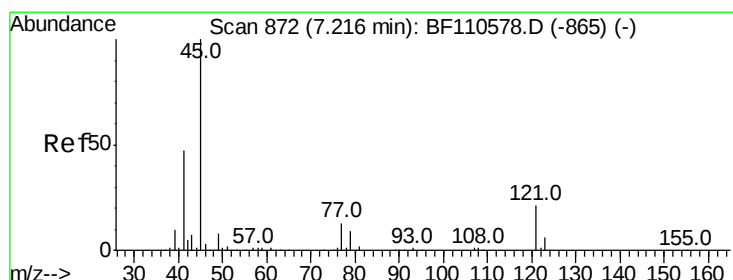
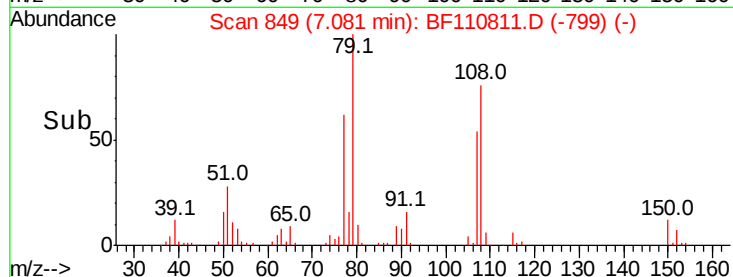
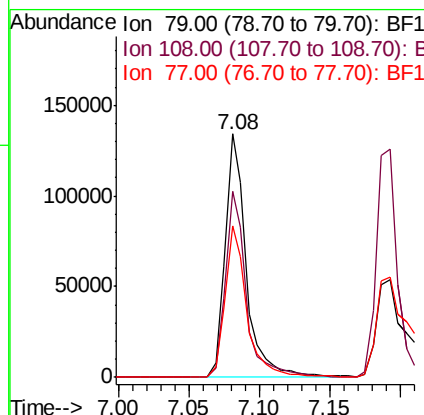
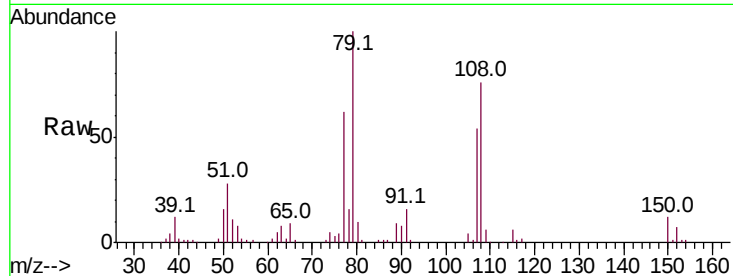
#15
Benzyl Alcohol
Concen: 37.340 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	56.3	84.5
77	62.1	52.9	79.3

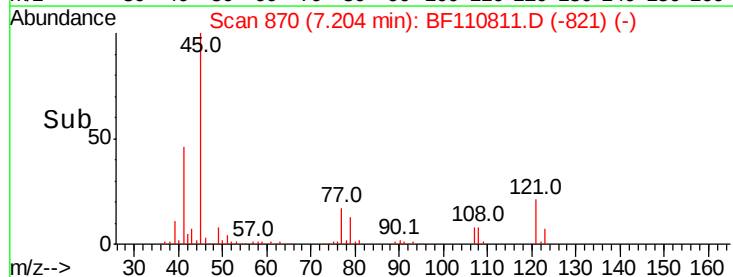
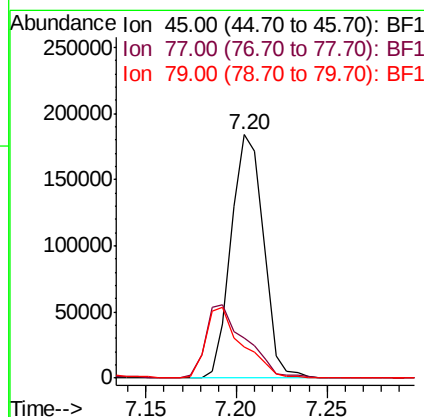
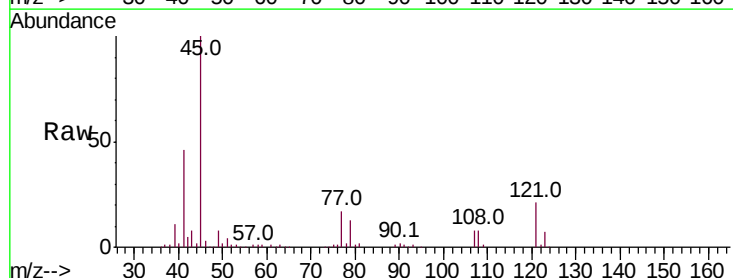
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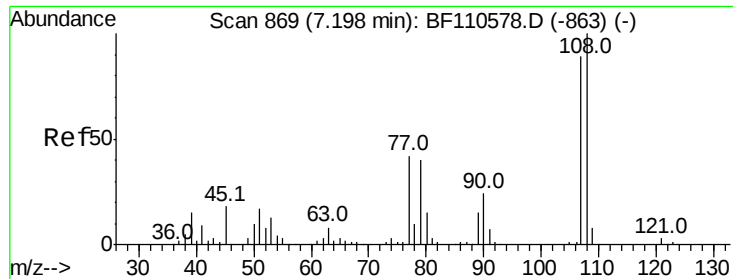
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.193 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	10.0	50.0
79	13.0	6.1	46.1





#17

2-Methylphenol

Concen: 34.026 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

ClientSampleId :

OILY-WATERMSD

Tot Ion:107 Resp: 118660
Ion Ratio Lower Upper

107 100

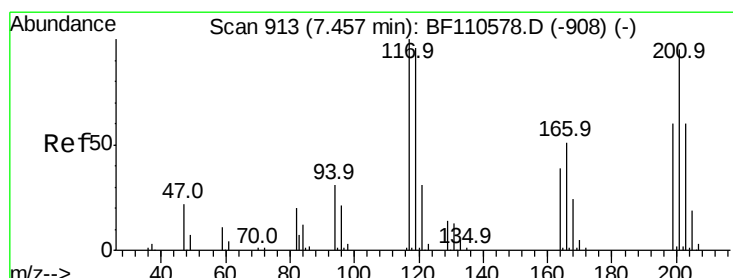
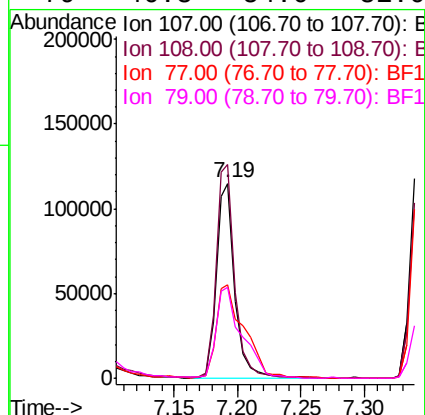
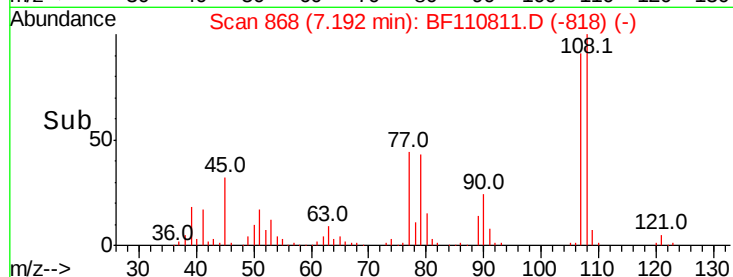
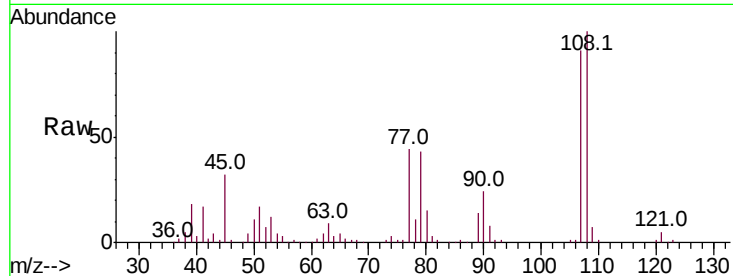
108 109.7 92.6 138.8

77 47.9 59.4 89.2#

79 46.8 54.0 81.0#

Manual Integrations
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#18

Hexachloroethane

Concen: 34.769 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110811.D

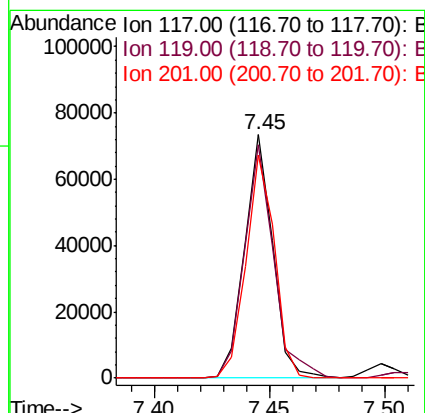
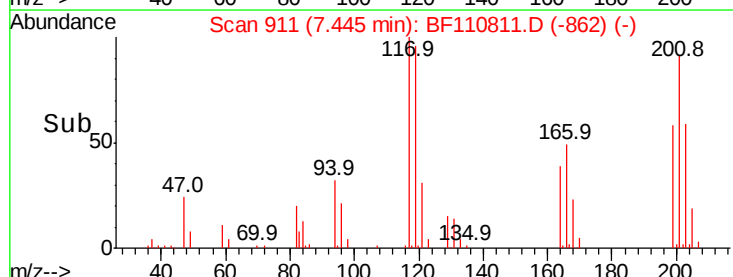
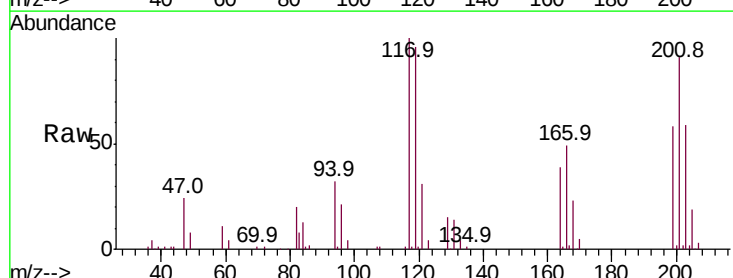
Acq: 16 Nov 2018 12:18

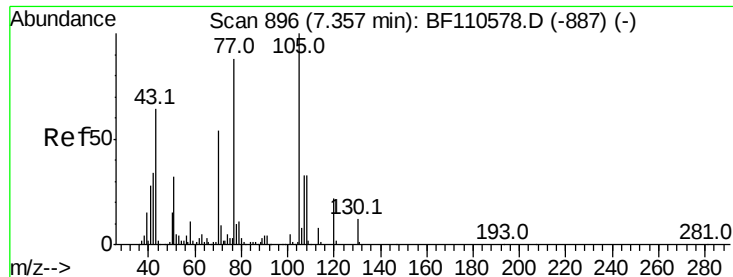
Tgt Ion:117 Resp: 62492
Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

201 91.4 79.2 118.8





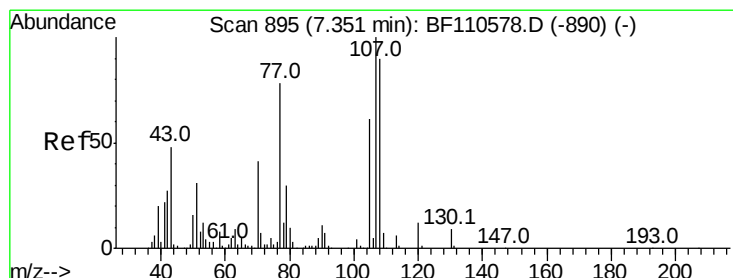
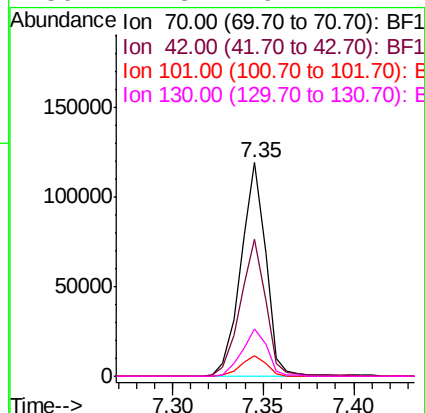
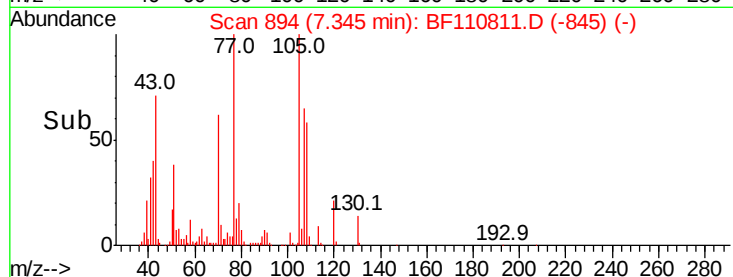
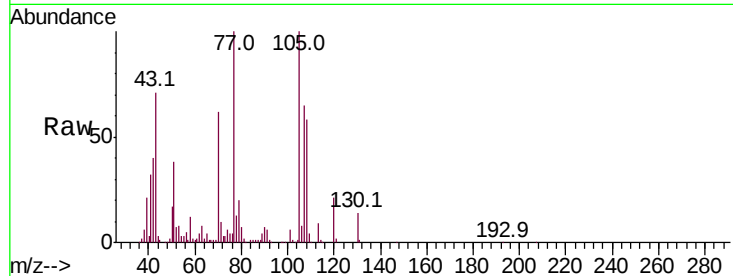
#19
n-Nitroso-di-n-propylamine
Concen: 37.280 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.0	47.4	71.2
101	9.9	7.3	10.9
130	22.3	16.2	24.2

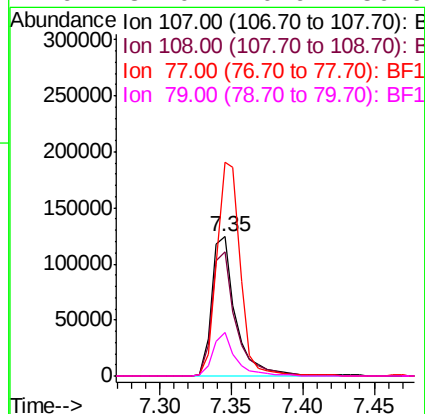
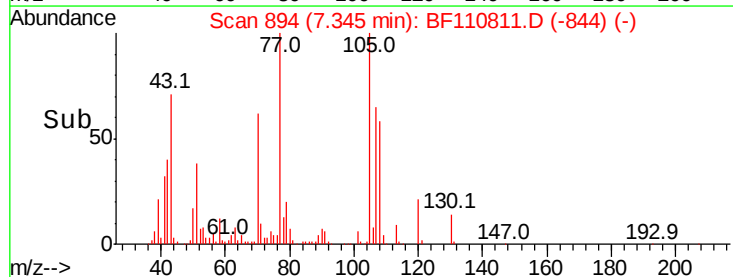
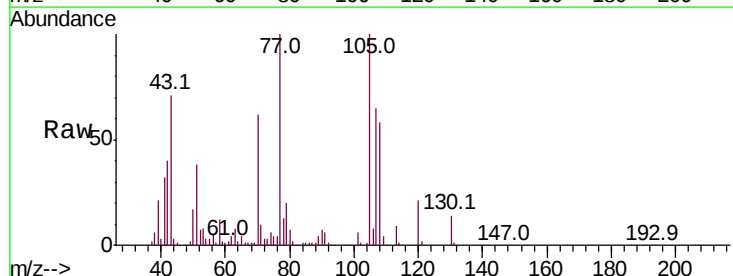
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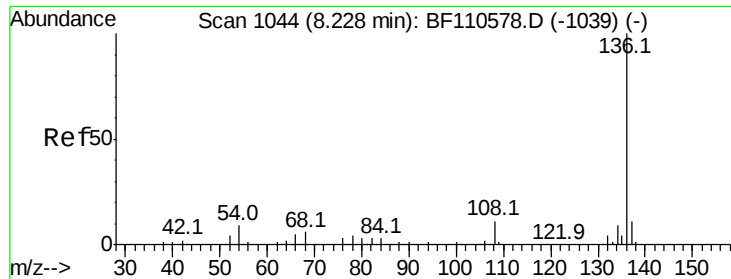
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#20
3+4-Methylphenols
Concen: 32.858 ng m
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	153.4	47.3	87.3#
79	31.0	10.9	50.9





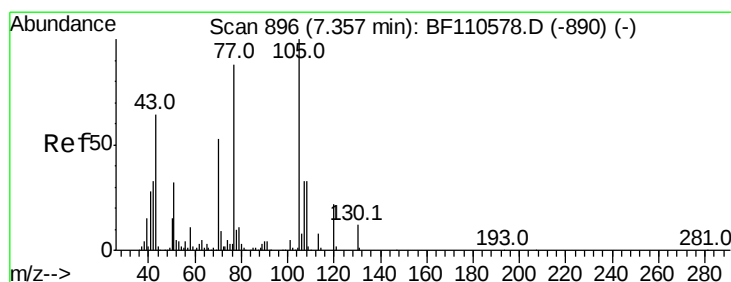
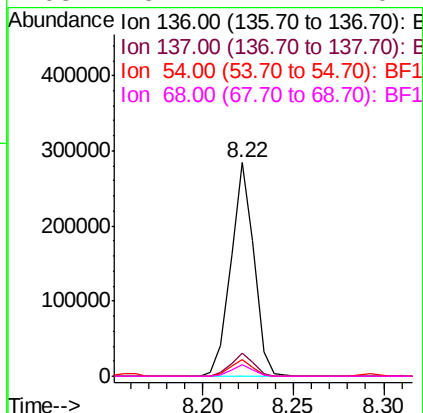
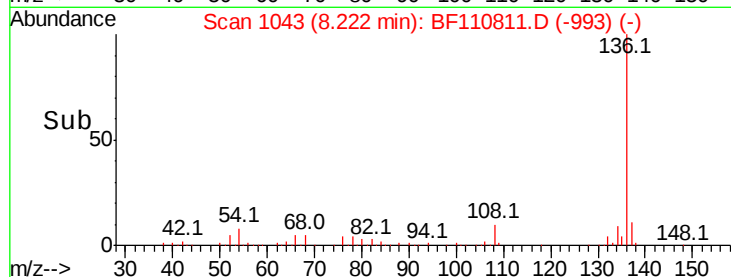
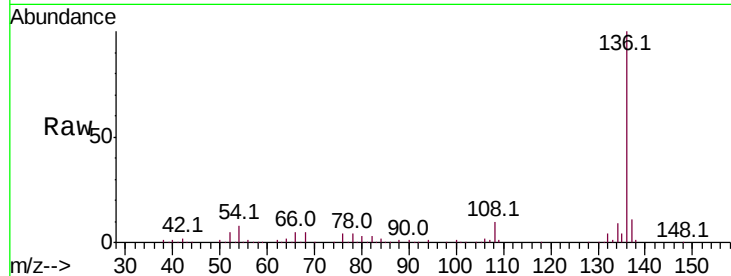
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		251442		
137	11.0	8.8	13.2		
54	8.0	5.4	8.2		
68	5.2	4.2	6.2		

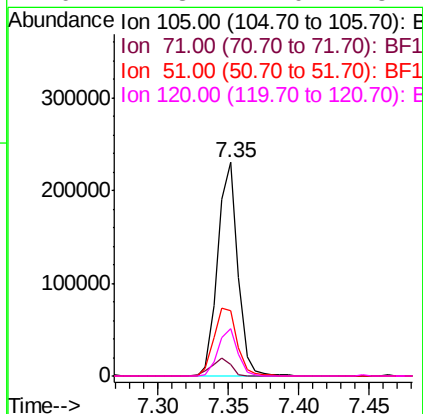
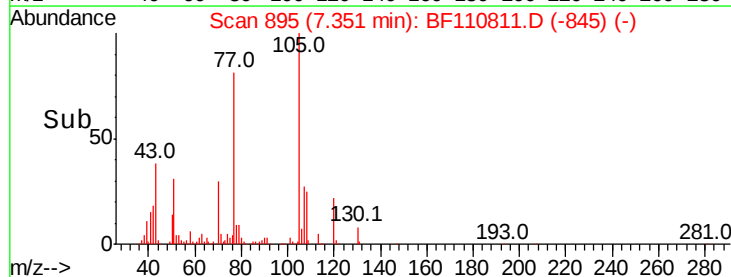
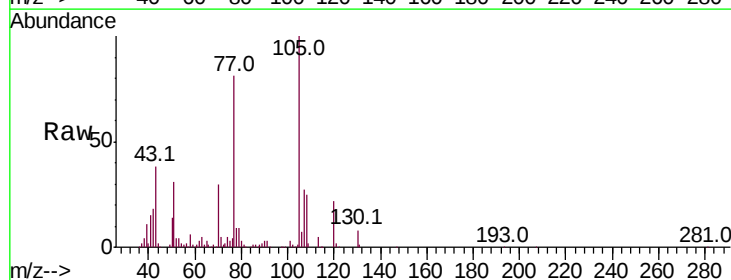
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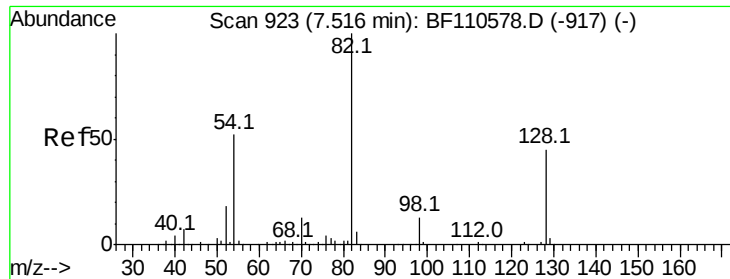
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#22
Acetophenone
Concen: 39.013 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		228617		
71	5.2	5.2	7.8		
51	30.5	21.8	32.8		
120	22.3	17.0	25.4		





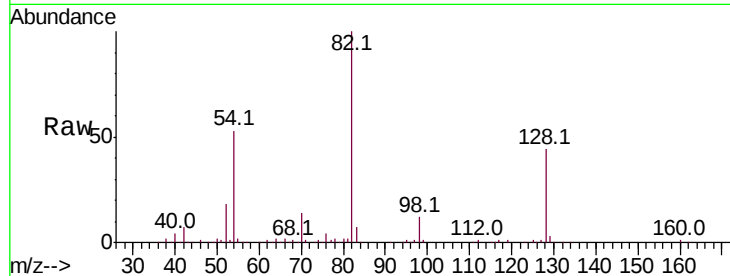
#23
 Nitrobenzene-d5
 Concen: 70.697 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	53.4	38.6	58.0

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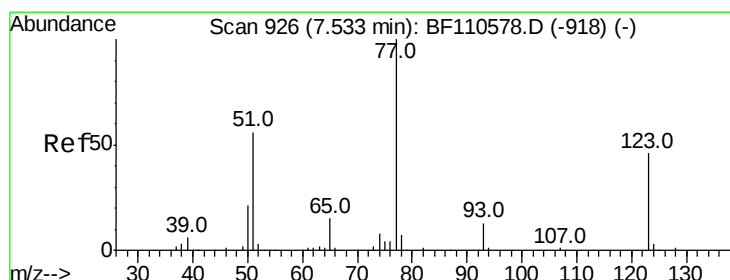
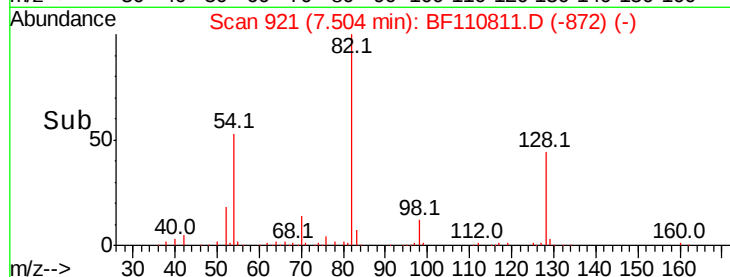
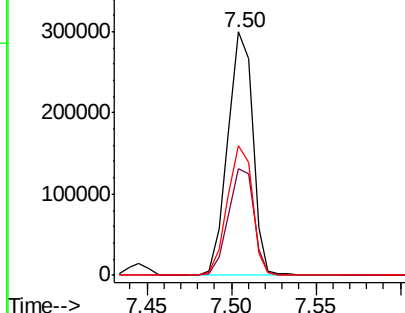


Abundance

Ion 82.00 (81.70 to 82.70): BF1

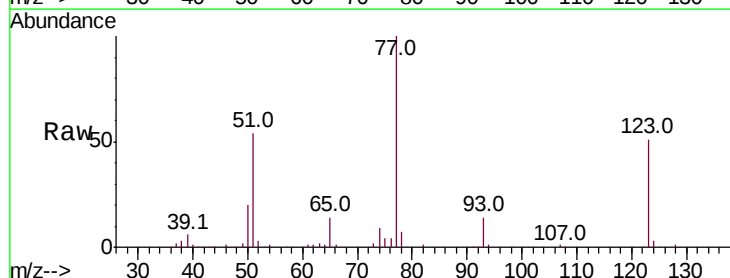
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 38.523 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	35.7	53.5
65	14.2	10.7	16.1

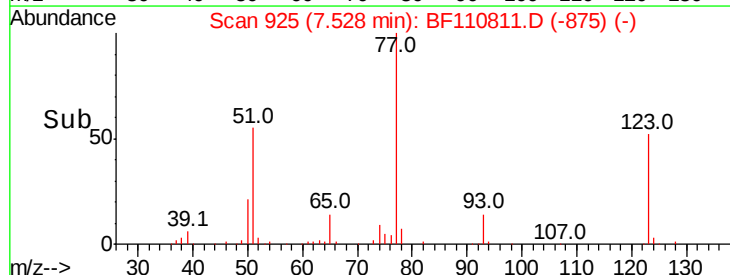
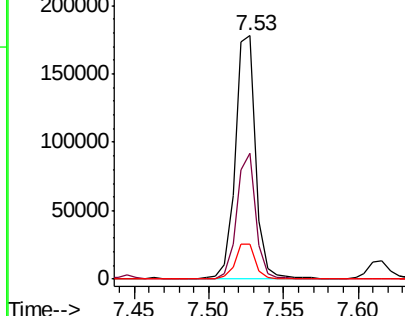


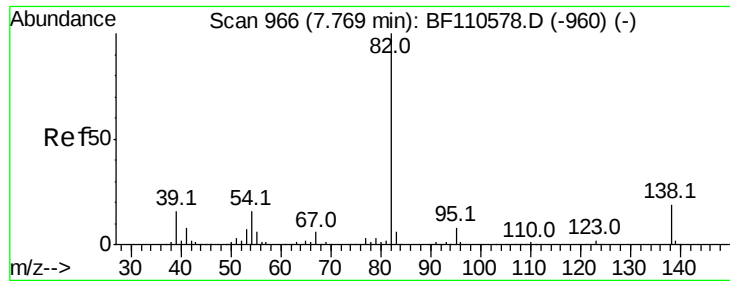
Abundance

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: 43.508 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

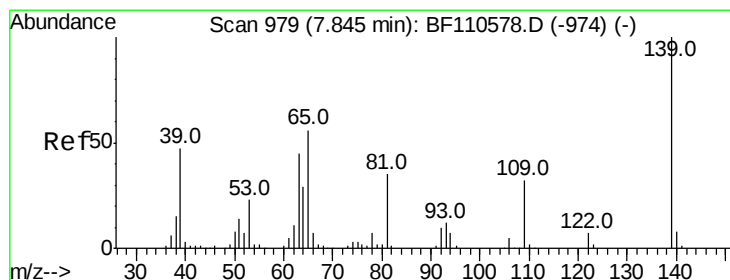
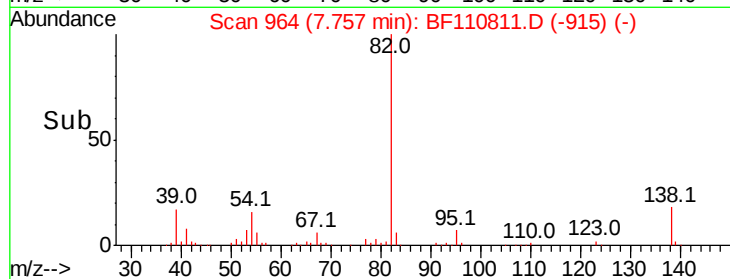
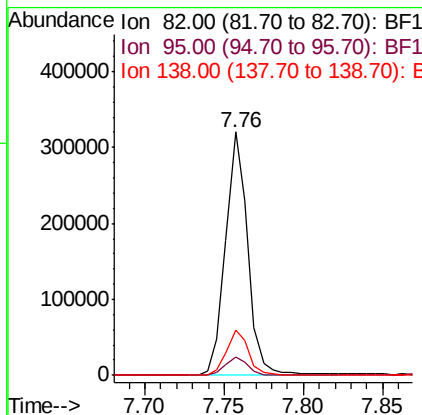
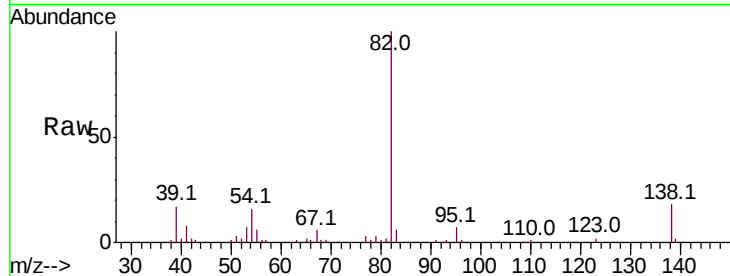
ClientSampleId :

OILY-WATERMSD

Tot Ion:	82	Resp:	311349
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	18.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 24.300 ng

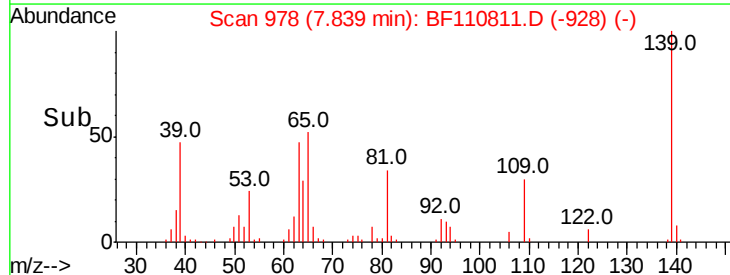
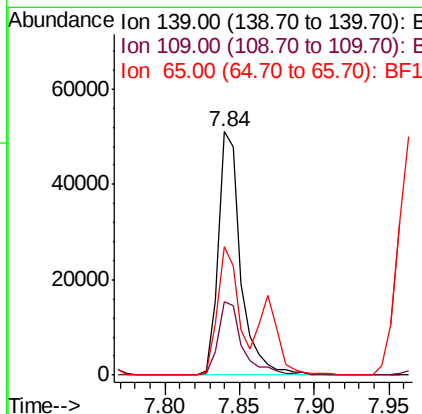
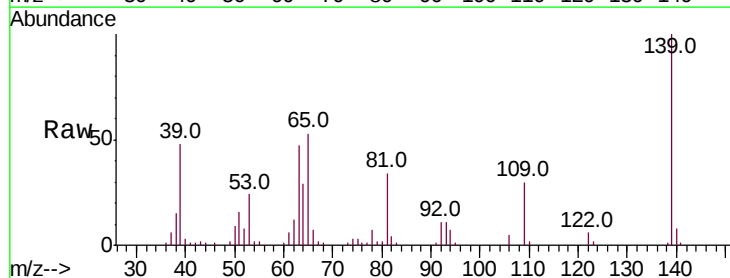
RT: 7.84 min Scan# 978

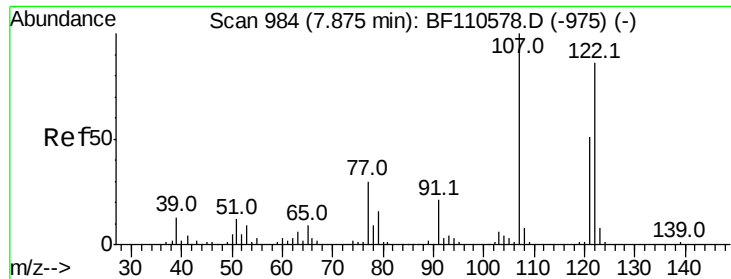
Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Tgt Ion:	139	Resp:	54228
Ion Ratio	Lower	Upper	
139	100		
109	30.4	25.0	37.6
65	53.0	44.0	66.0





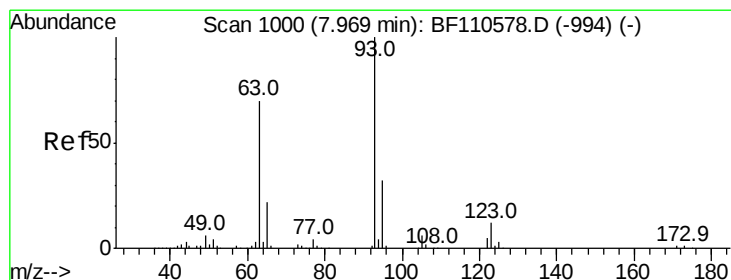
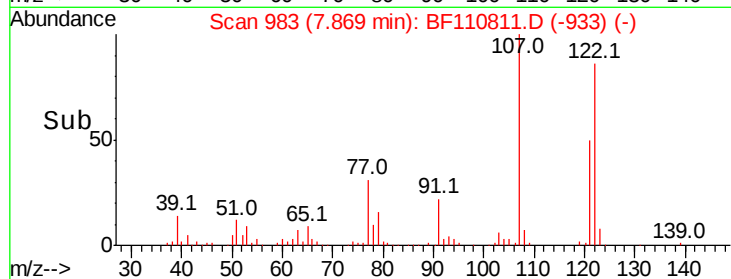
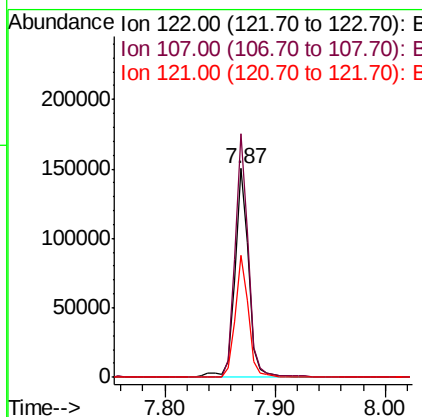
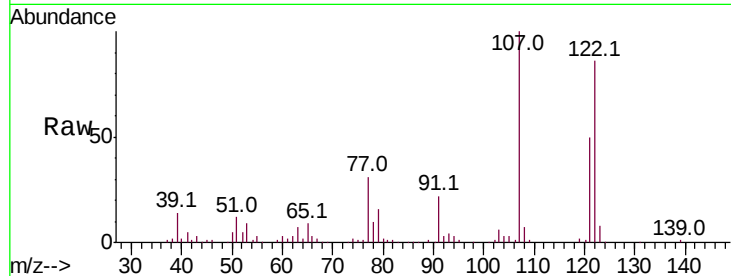
#27
2,4-Dimethylphenol
Concen: 38.897 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	132198		
107	116.5	92.5	138.7	
121	58.3	45.8	68.8	

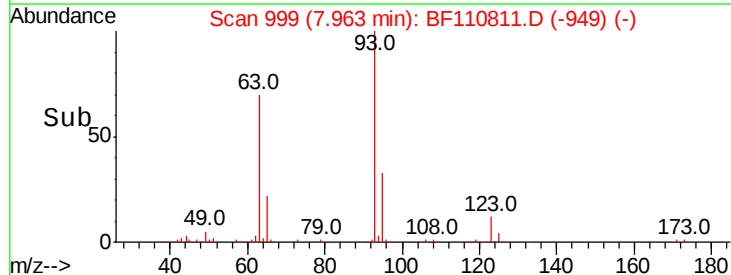
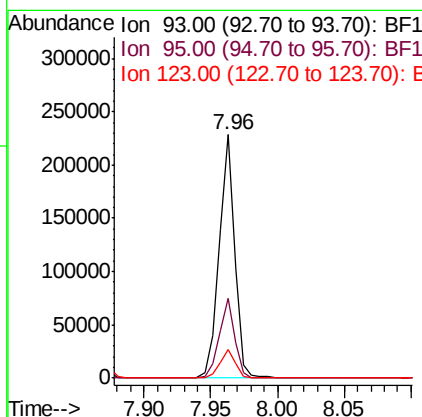
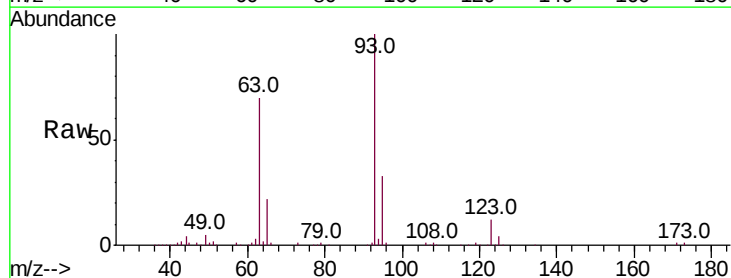
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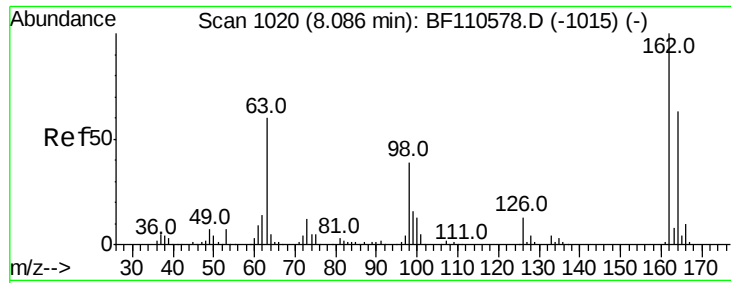
Sohil
11/19/2018 11:55:36 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.159 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189733		
95	32.9	26.4	39.6	
123	11.9	9.0	13.6	





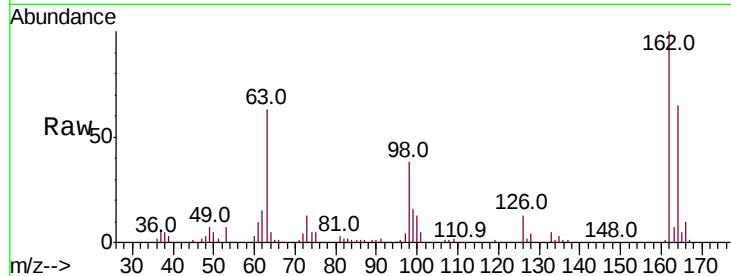
#29
2,4-Dichlorophenol
Concen: 39.140 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	136876		
164	64.6	44.6	84.6	
98	38.1	17.4	57.4	

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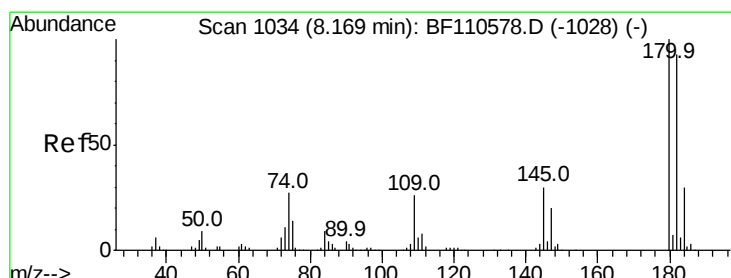
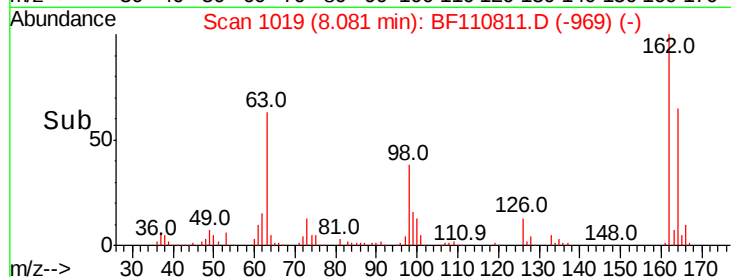
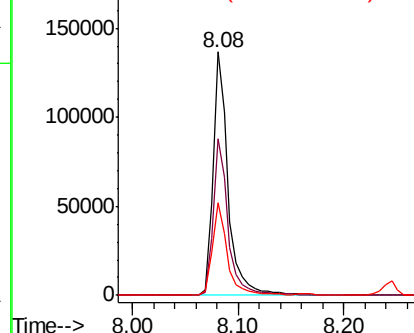


Abundance

Ion 162.00 (161.70 to 162.70): E

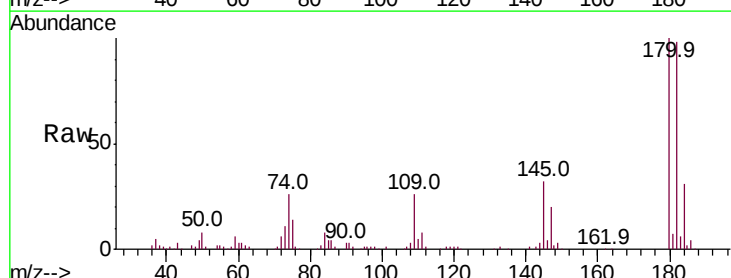
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.860 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145335		
182	98.3	80.3	120.5	
145	31.8	25.4	38.0	

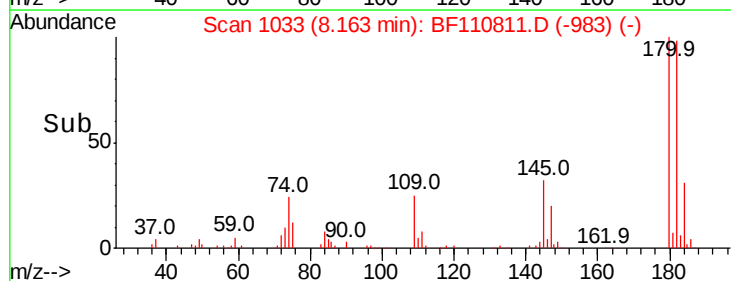
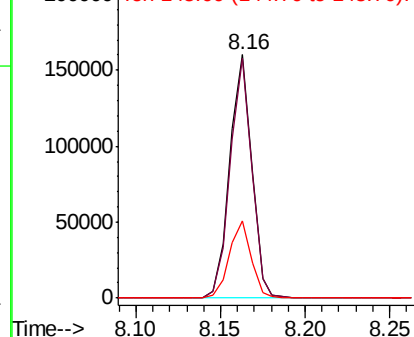


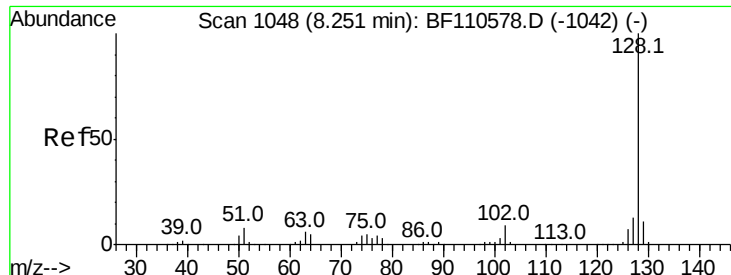
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.477 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

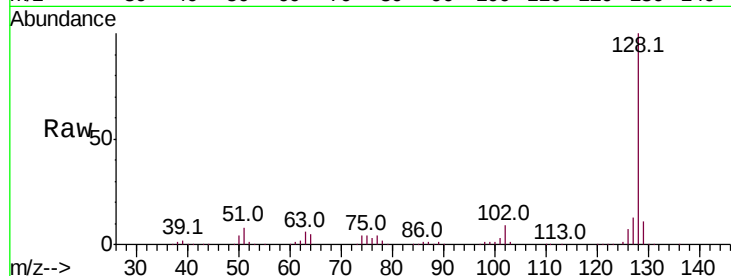
ClientSampleId :

OILY-WATERMSD

Tot Ion:	128	Resp:	477790
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.4	10.8	16.2

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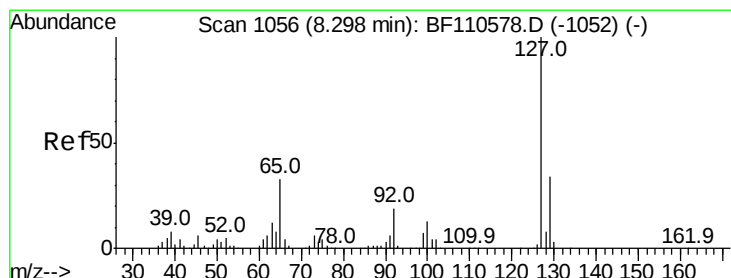
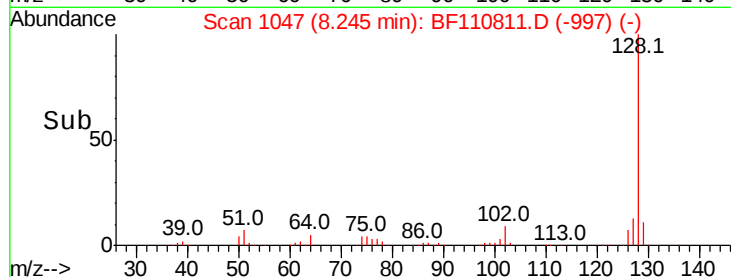
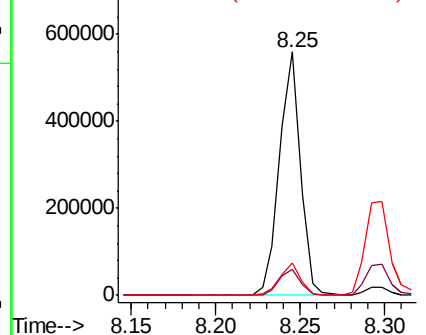


Abundance

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



#33

4-Chloroaniline

Concen: 42.694 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Tgt Ion:	127	Resp:	228271
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.0	39.0
65	28.9	25.1	37.7
92	18.2	15.0	22.6

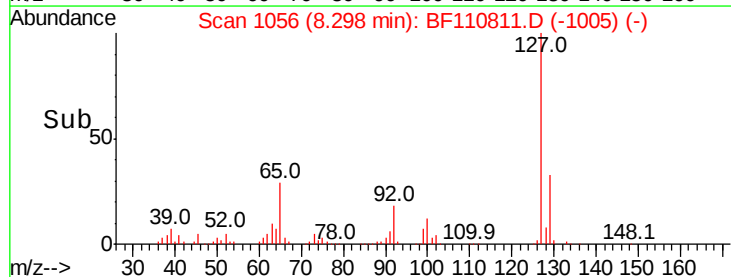
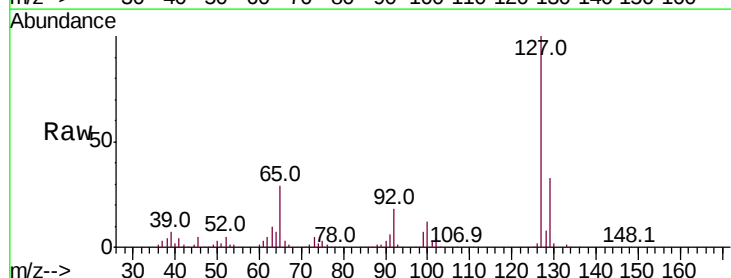
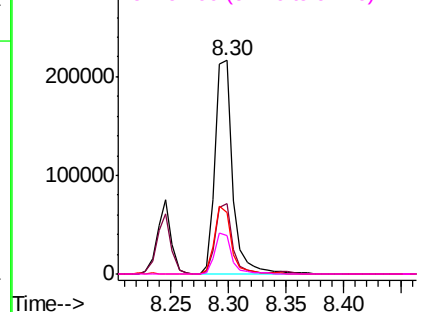
Abundance

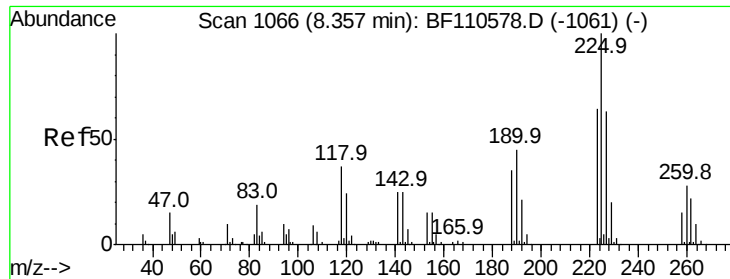
Ion 127.00 (126.70 to 127.70): E

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





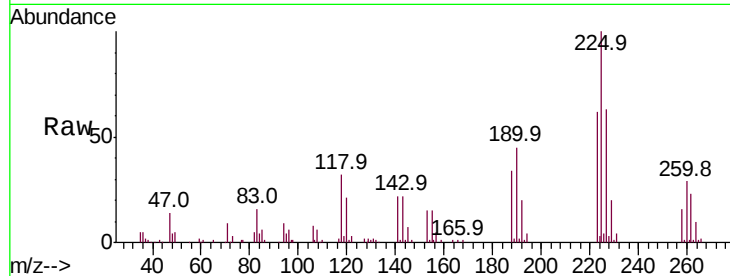
#34
Hexachlorobutadiene
Concen: 36.110 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

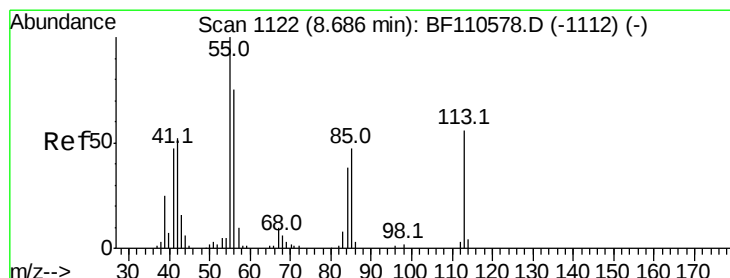
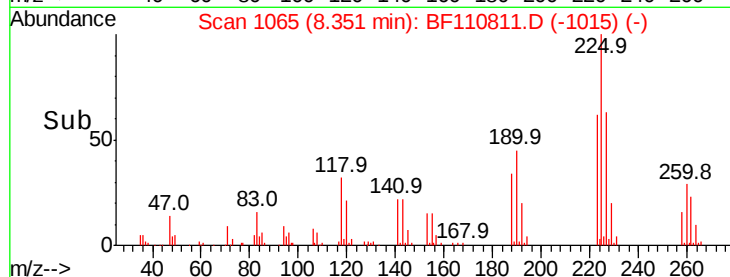
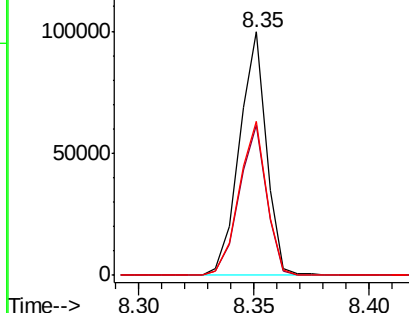
Tot Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.2
227	63.1	51.0	76.6

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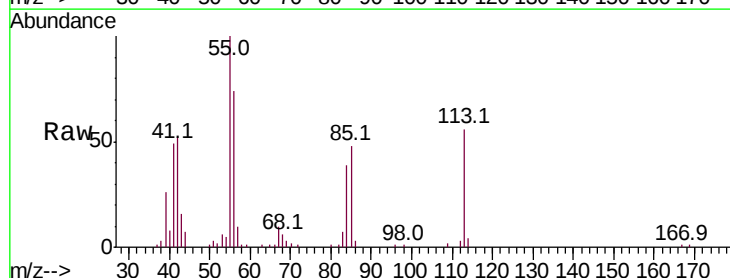


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

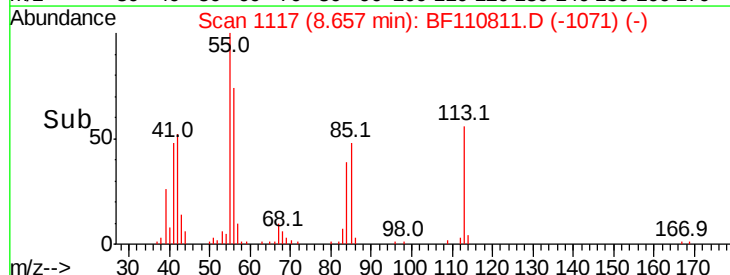
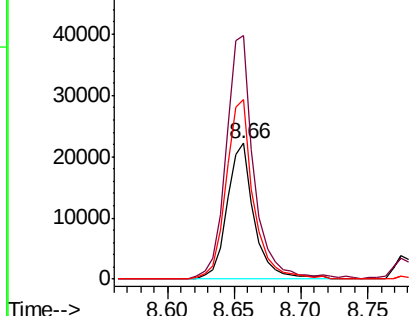


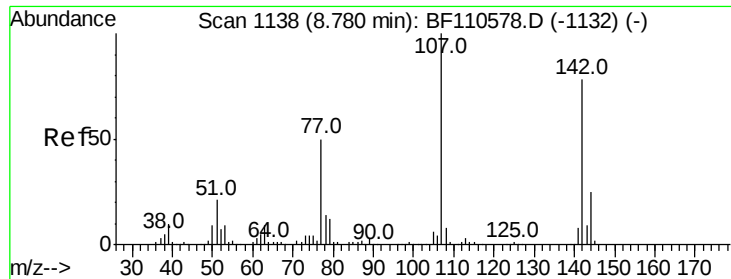
#35
Caprolactam
Concen: 26.912 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	179.5	142.8	182.8
56	132.6	105.0	145.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





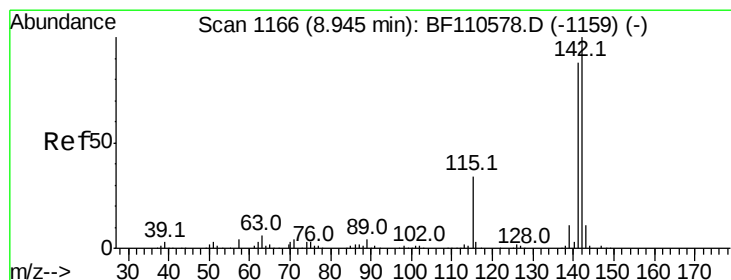
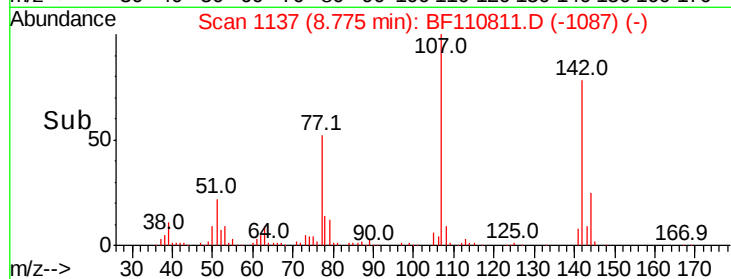
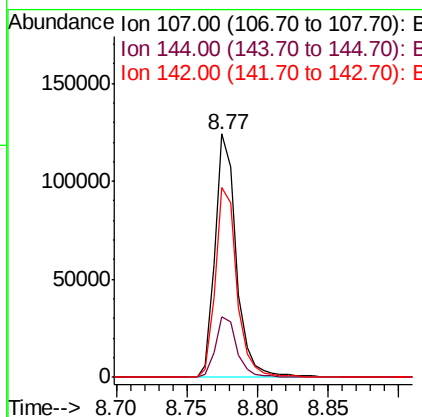
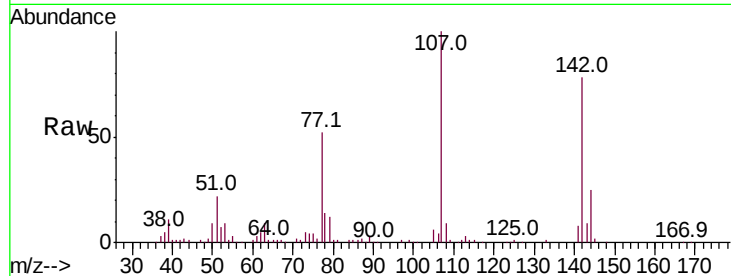
#36
4-Chloro-3-methylphenol
Concen: 34.566 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.0	30.0
142	78.2	59.7	89.5

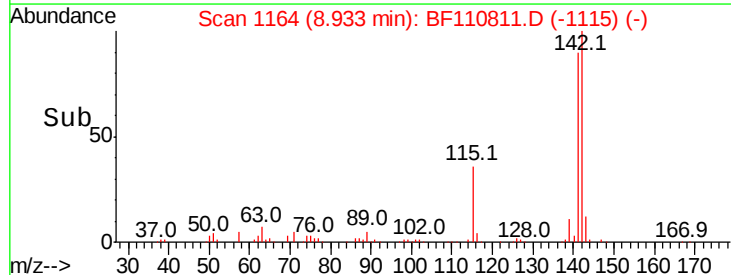
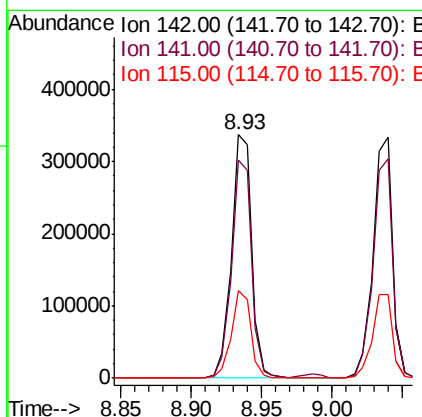
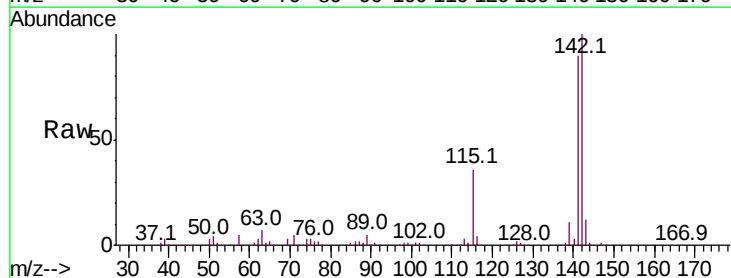
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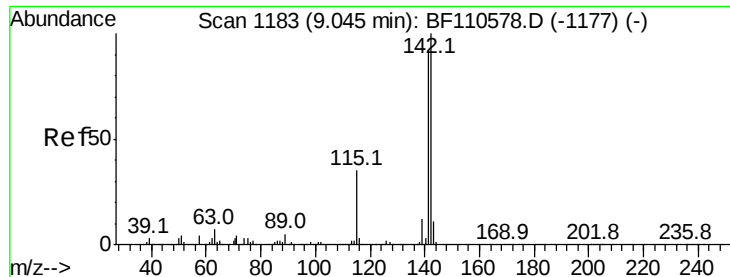
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#37
2-Methylnaphthalene
Concen: 43.319 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	36.1	28.7	43.1





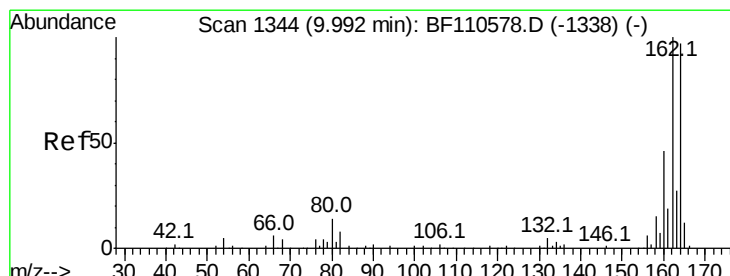
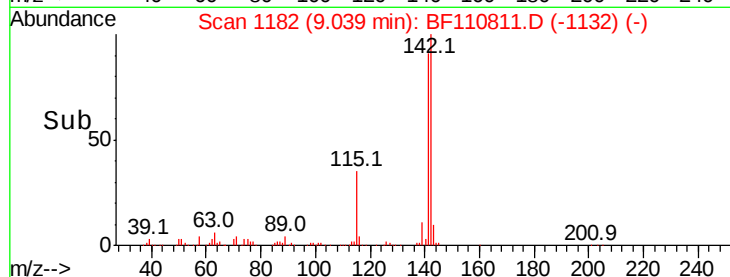
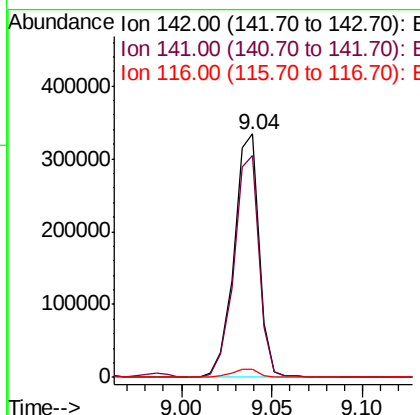
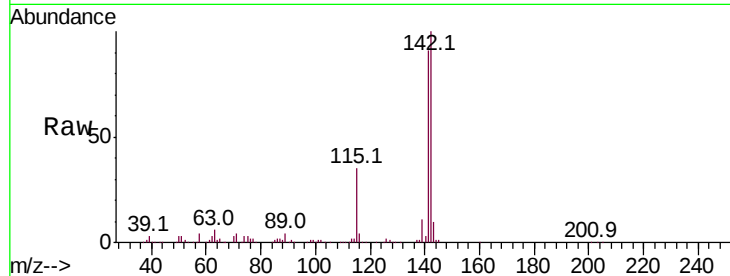
#38
1-Methylnaphthalene
Concen: 43.006 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.9	74.2	111.4	
116	3.5	2.6	4.0	

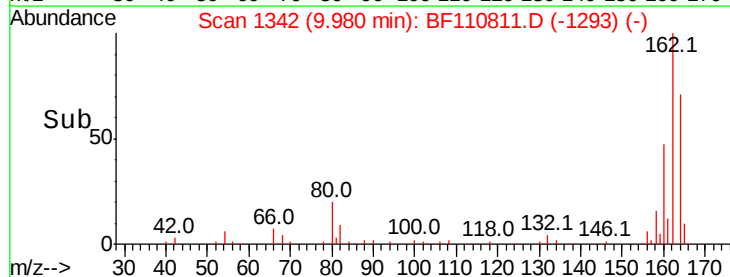
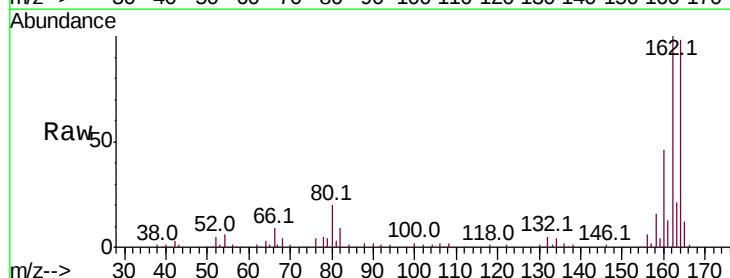
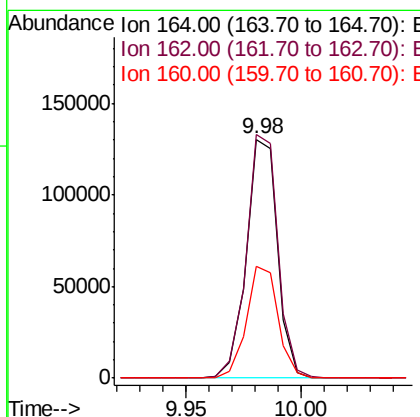
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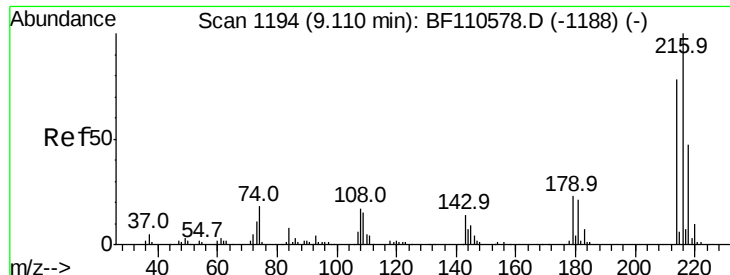
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	83.0	124.6	
160	46.8	37.0	55.6	





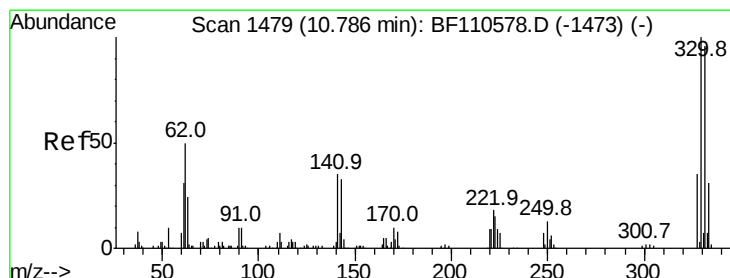
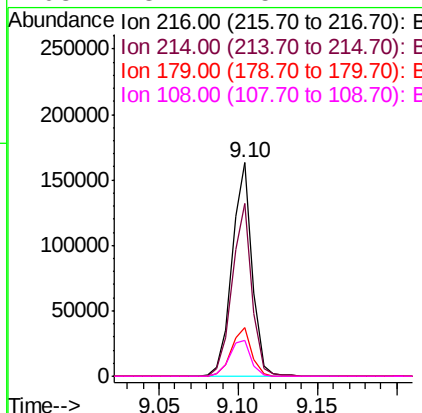
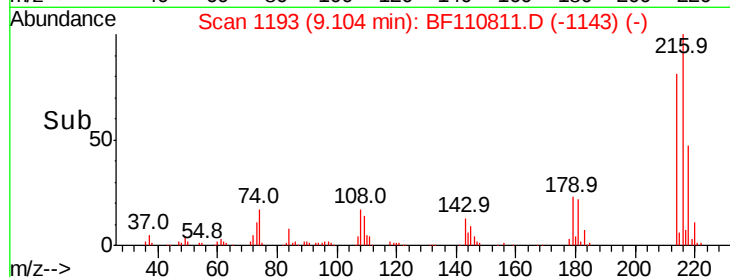
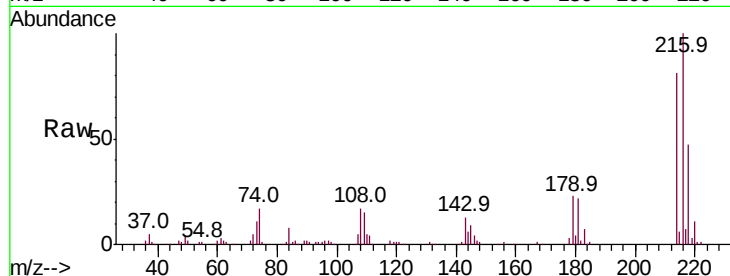
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.671 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.5	16.6	25.0
108	18.2	15.1	22.7

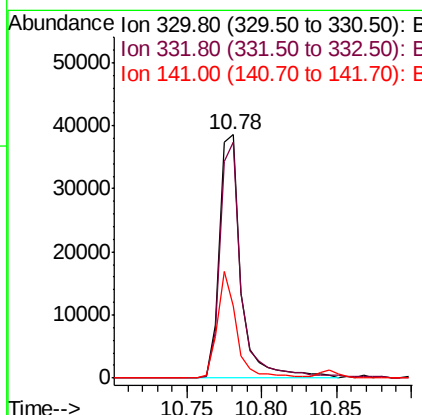
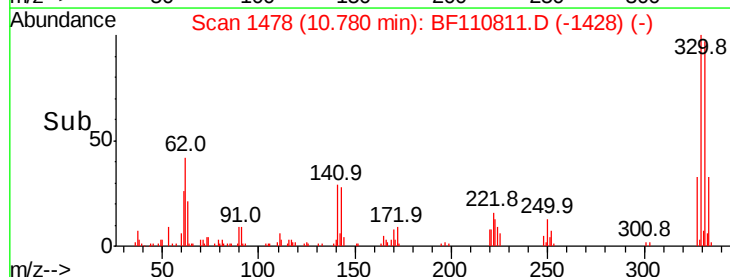
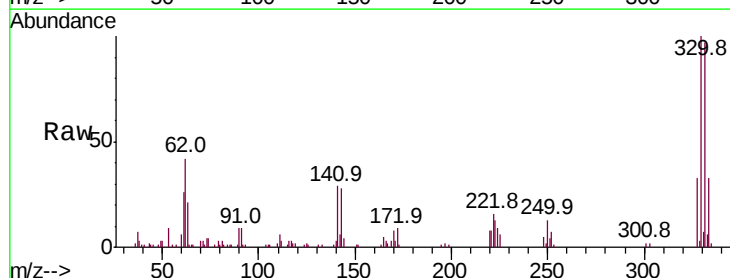
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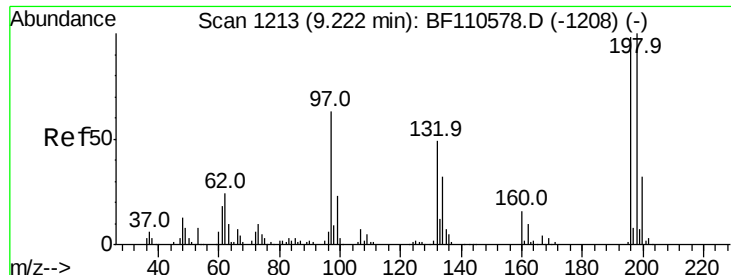
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#42
 2,4,6-Tribromophenol
 Concen: 32.105 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.2	27.0	40.4





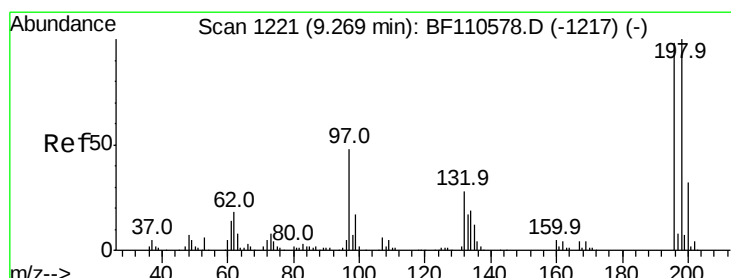
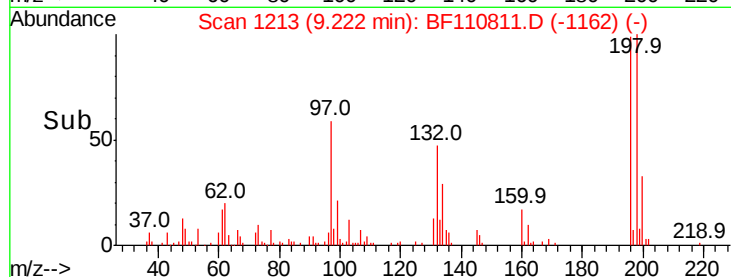
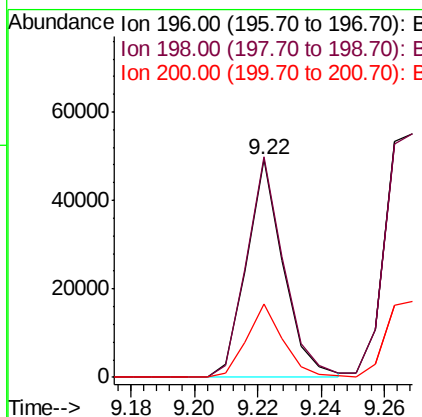
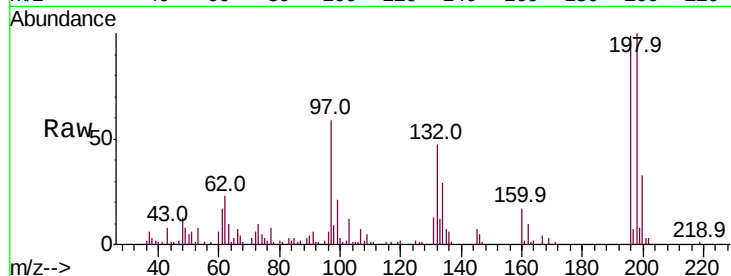
#43
 2,4,6-Trichlorophenol
 Concen: 16.328 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	39971		
198	101.4	76.2	114.4	
200	33.4	24.4	36.6	

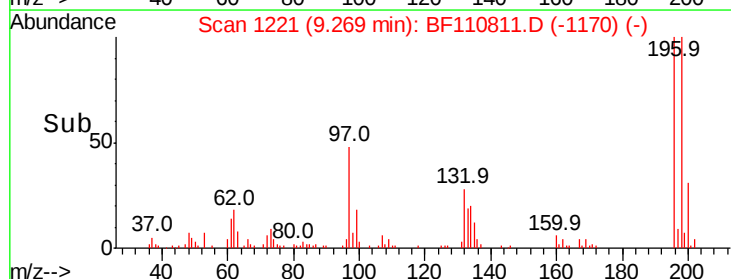
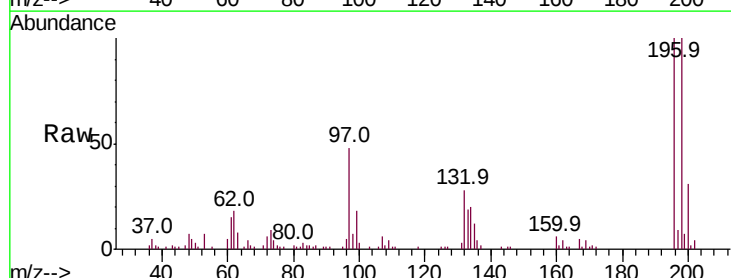
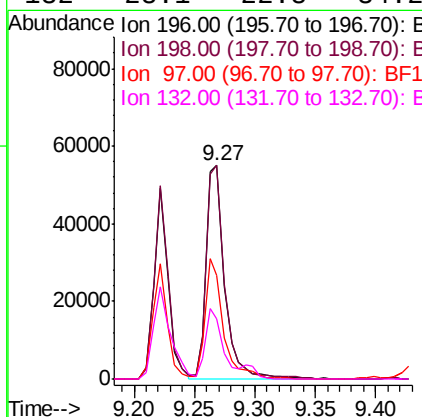
Manual Integrations
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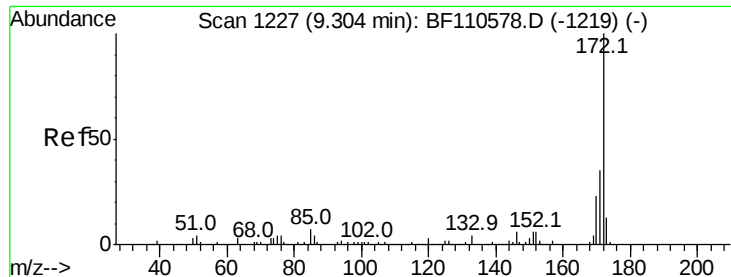
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#44
 2,4,5-Trichlorophenol
 Concen: 22.573 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58945		
198	100.2	75.8	113.6	
97	48.3	42.4	63.6	
132	28.1	22.8	34.2	





#45

2-Fluorobiphenyl

Concen: 69.441 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

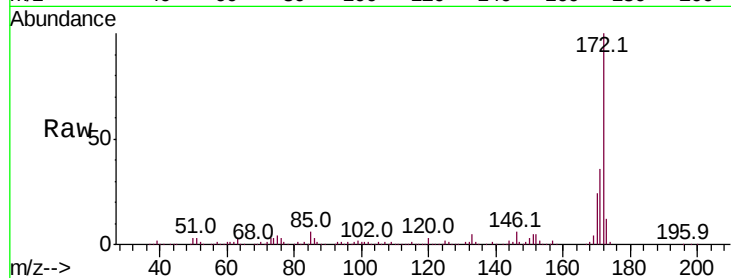
ClientSampleId :

OILY-WATERMSD

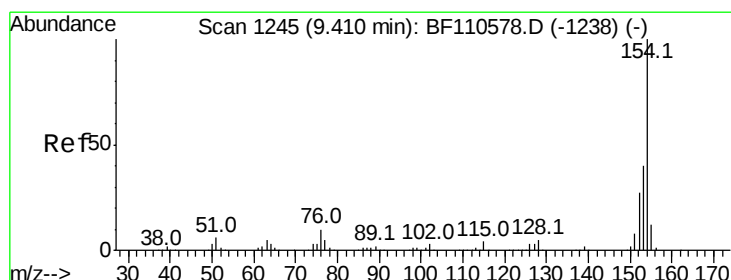
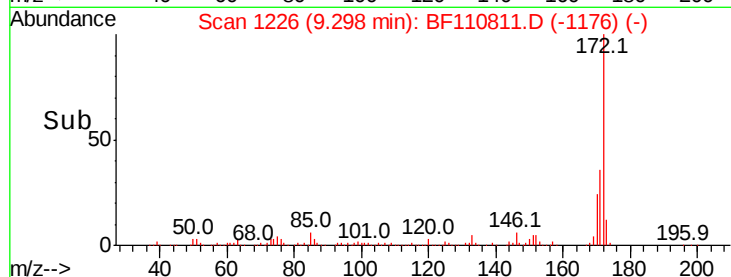
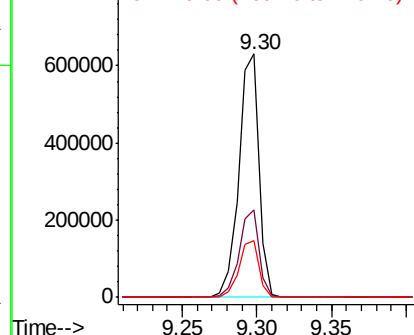
Tot Ion:	172	Resp:	598385
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	23.5	19.7	29.5

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 35.669 ng

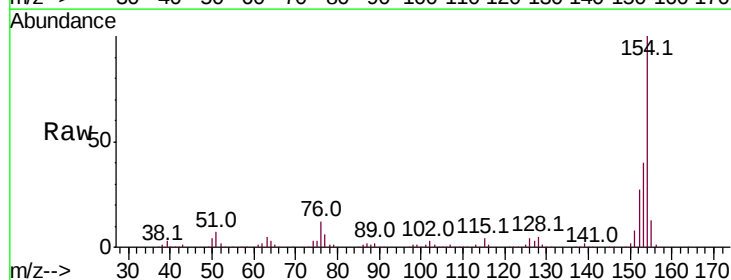
RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

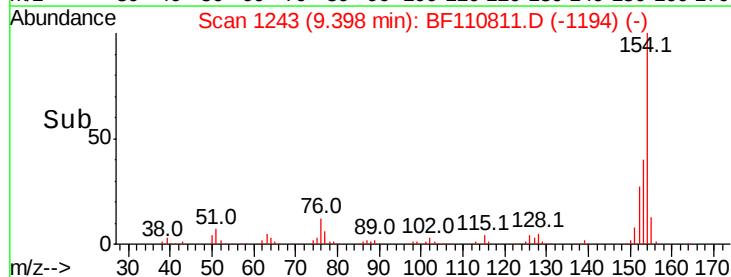
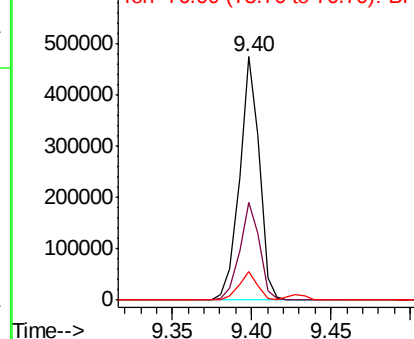
Lab File: BF110811.D

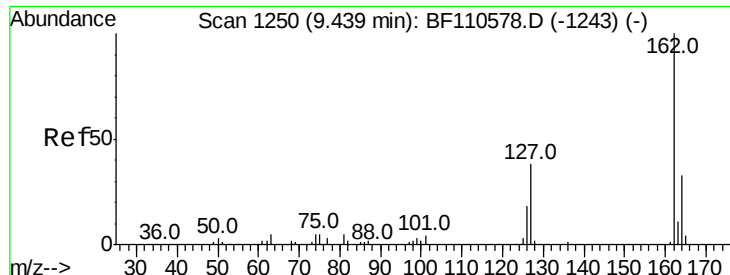
Acq: 16 Nov 2018 12:18

Tgt Ion:	154	Resp:	409507
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.4	60.4
76	11.6	0.0	31.9



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





#47

2-Chloronaphthalene

Concen: 37.944 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF110811.D

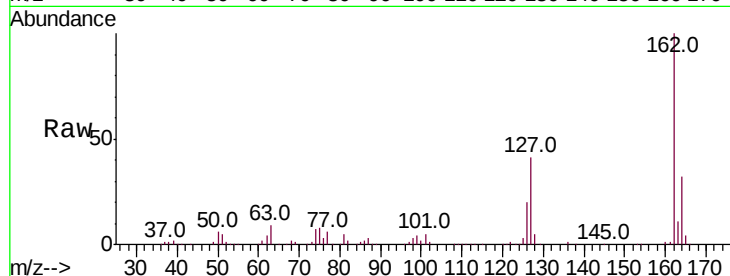
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.9	32.6	48.8
164	32.4	25.9	38.9

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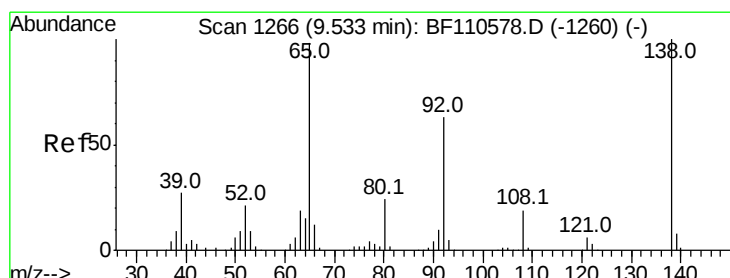
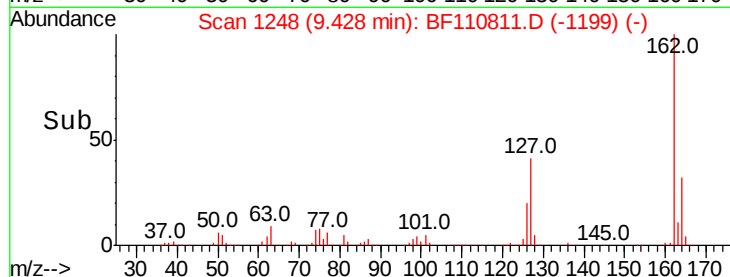
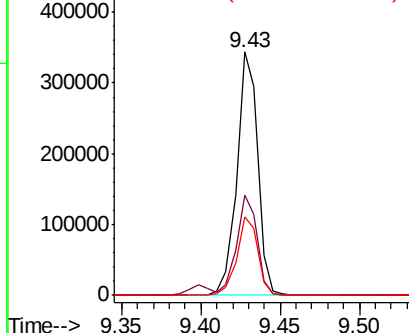
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.928 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF110811.D

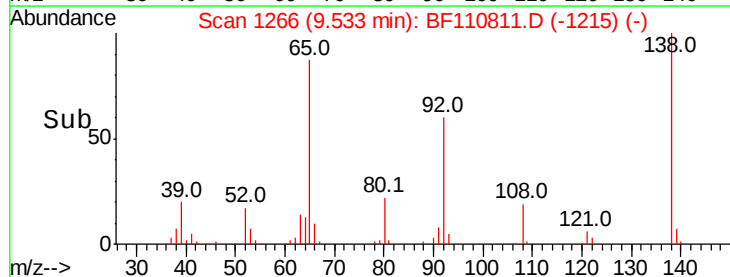
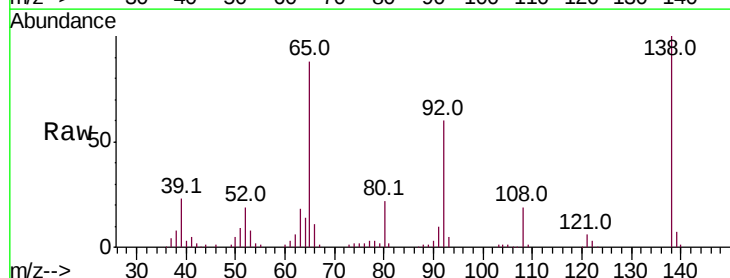
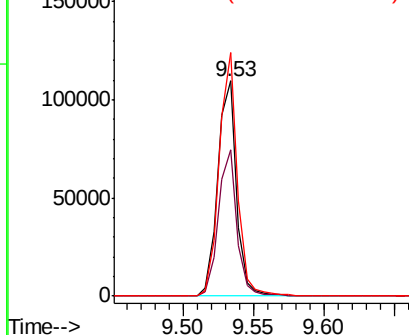
Acq: 16 Nov 2018 12:18

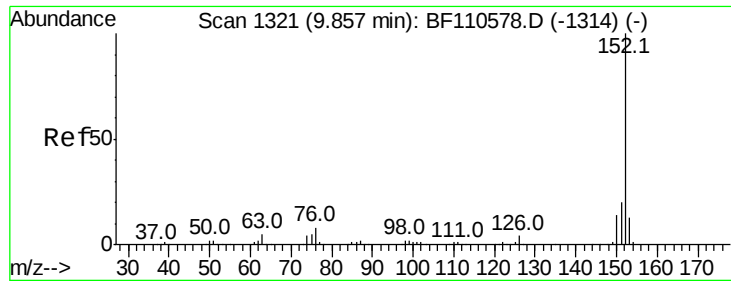
Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.1	54.6	81.8
138	113.1	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





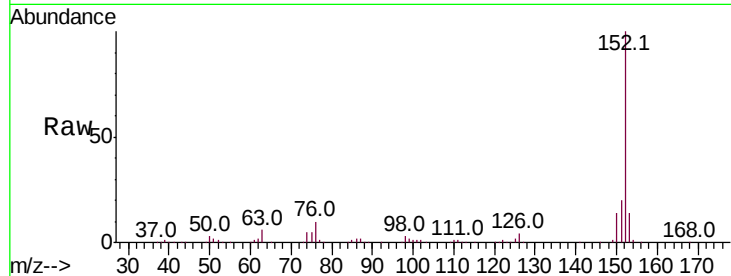
#49
Acenaphthylene
Concen: 41.400 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

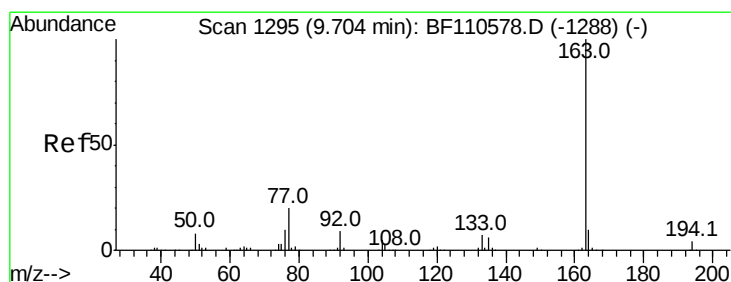
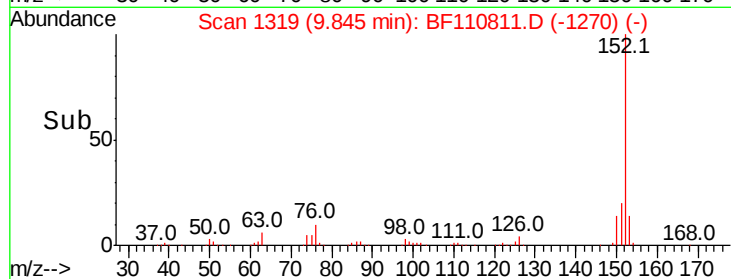
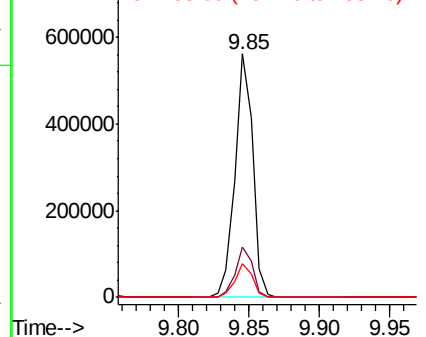
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.7	10.4	15.6

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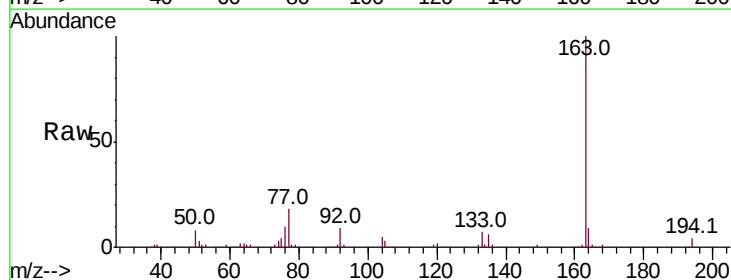


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

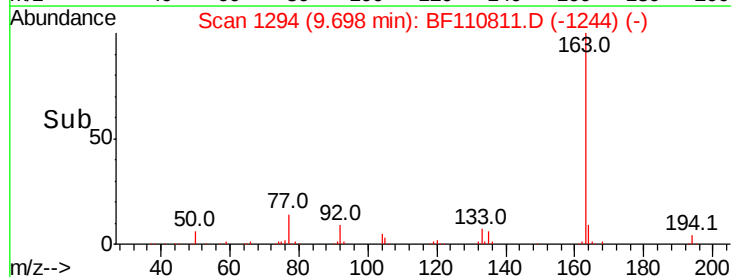
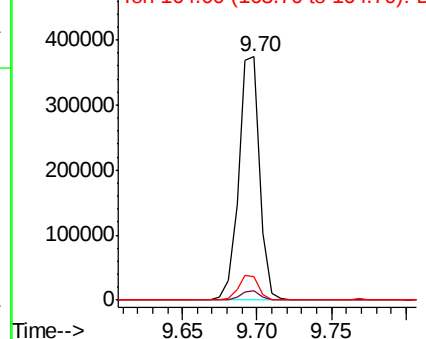


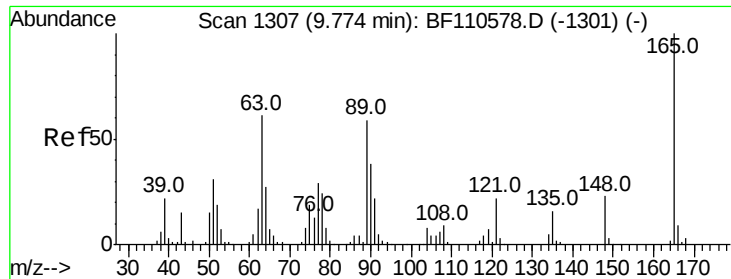
#50
Dimethylphthalate
Concen: 40.045 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.4	8.1	12.1



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





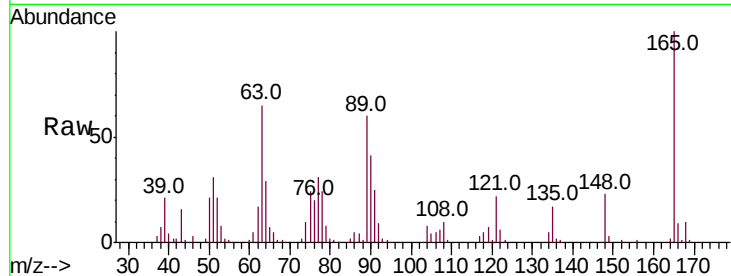
#51
2,6-Dinitrotoluene
Concen: 40.318 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

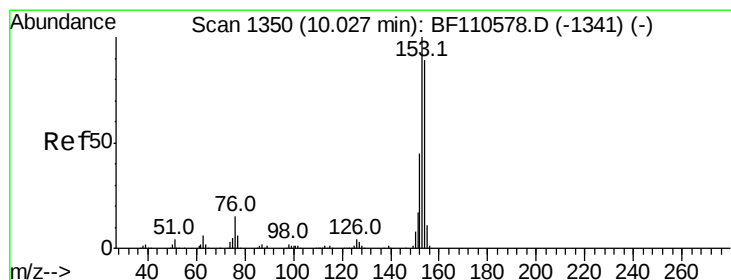
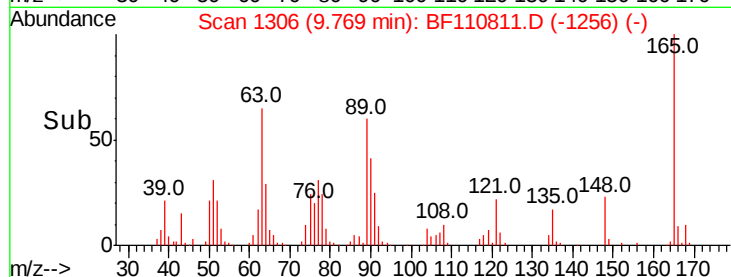
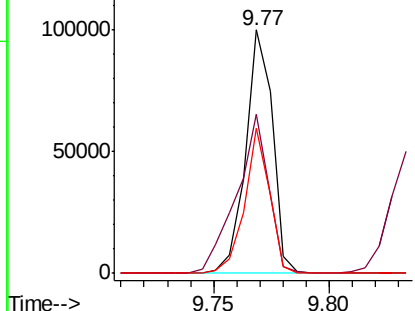
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.4	48.9	73.3
89	59.6	46.6	69.8

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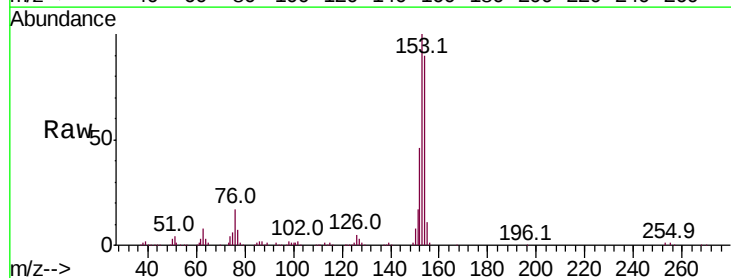


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

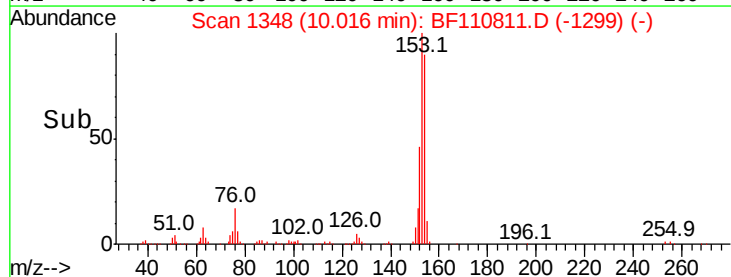
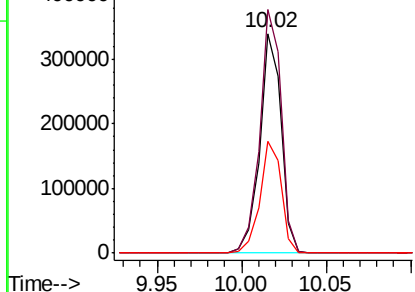


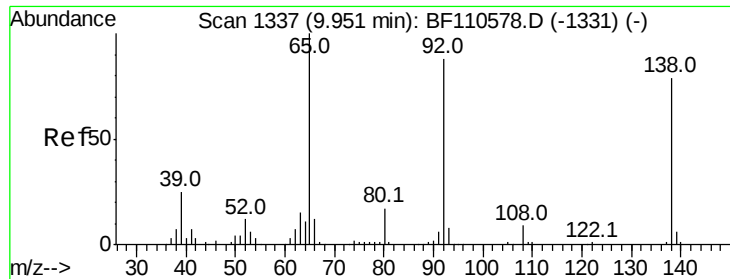
#52
Acenaphthene
Concen: 39.711 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.1	135.1
152	50.7	43.4	65.2



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





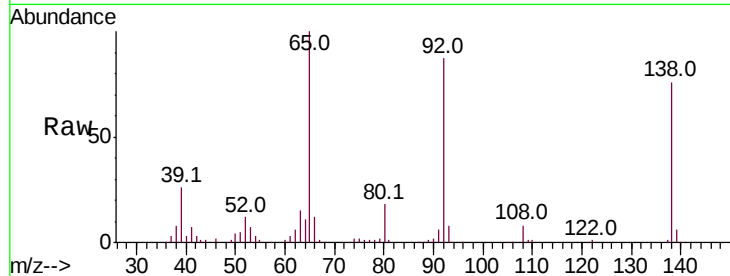
#53
3-Nitroaniline
Concen: 37.496 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

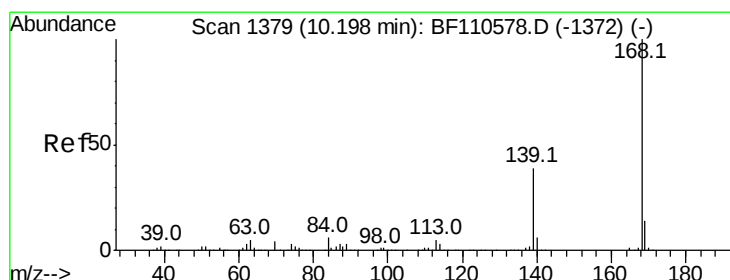
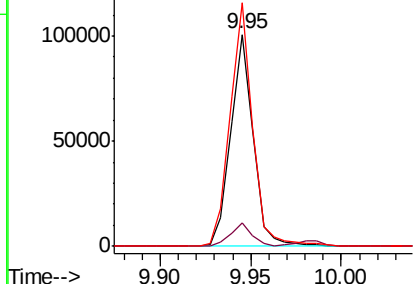
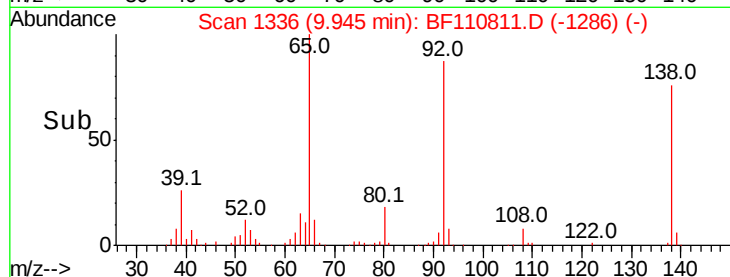
Tot Ion:138 Resp: 87755
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 115.0 97.0 145.4

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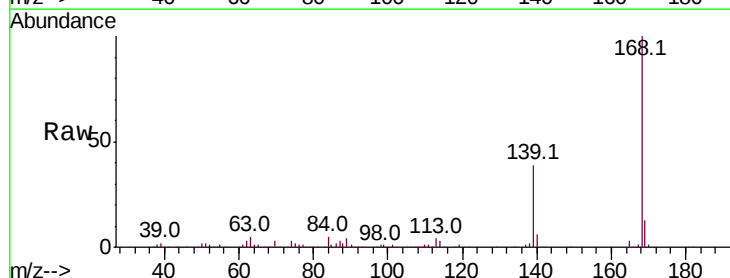


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

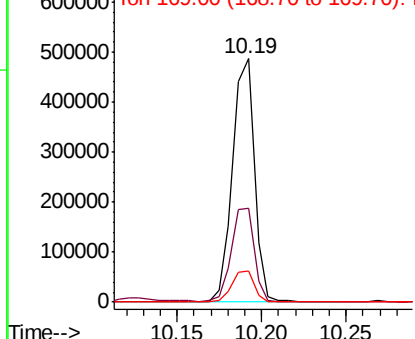
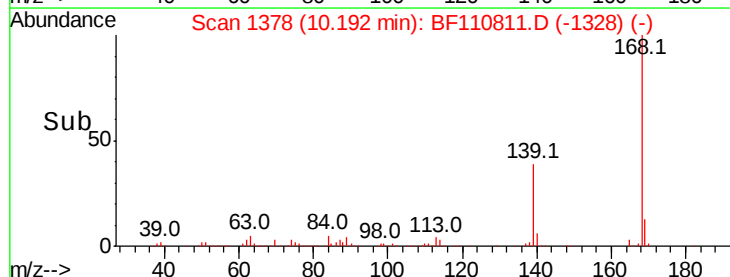


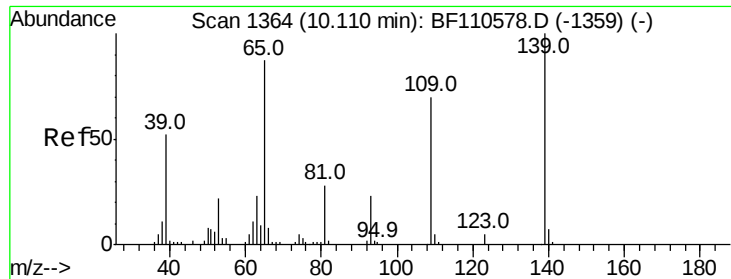
#55
Dibenzofuran
Concen: 39.804 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion:168 Resp: 438371
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.6
169 12.6 11.3 16.9



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





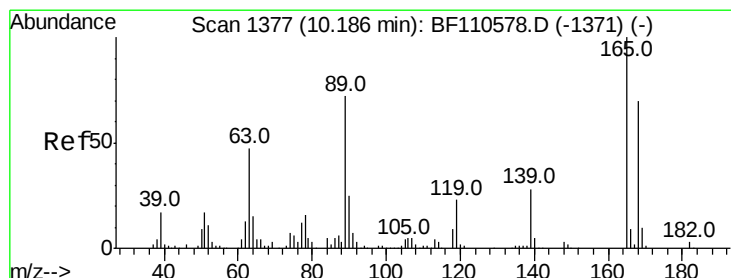
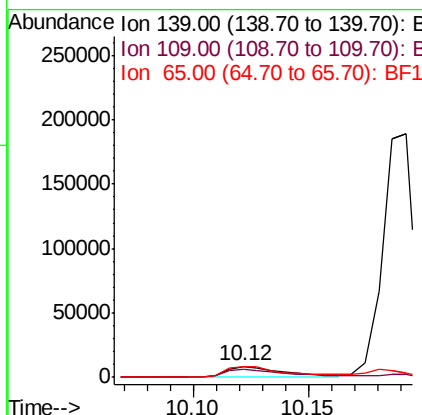
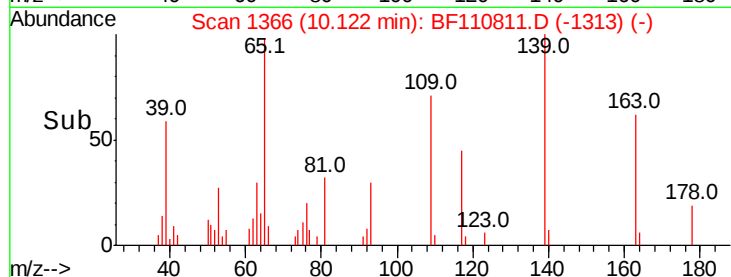
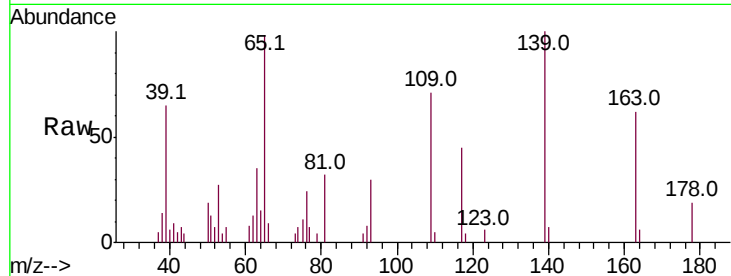
#56
4-Nitrophenol
Concen: 9.904 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.1	55.8	95.8
65	98.2	77.9	117.9

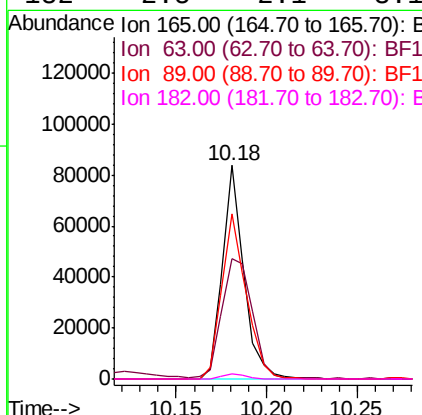
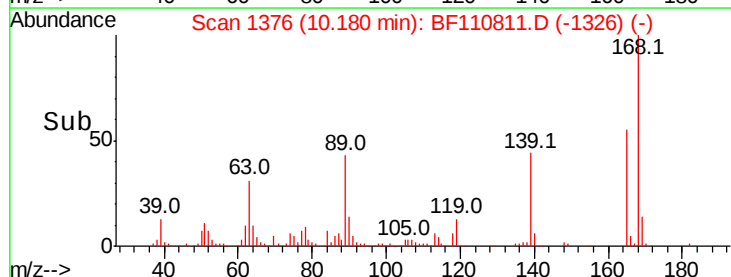
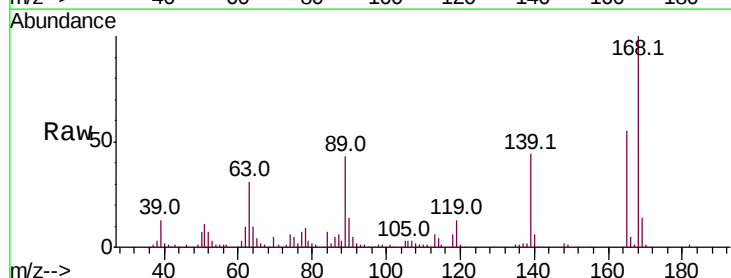
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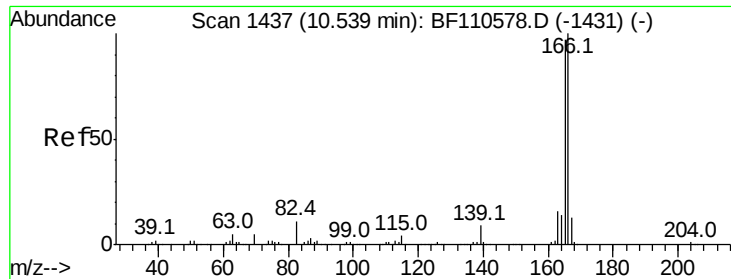
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#57
2,4-Dinitrotoluene
Concen: 26.199 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.1	44.8	67.2
89	77.1	62.2	93.4
182	2.5	2.1	3.1





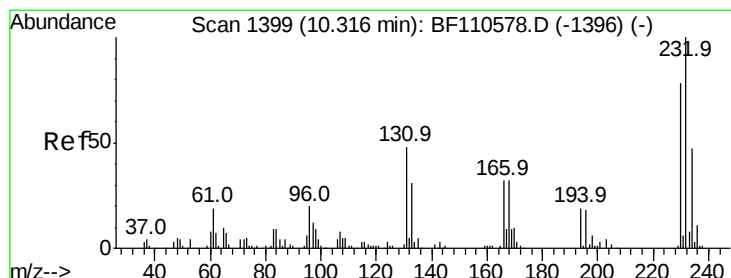
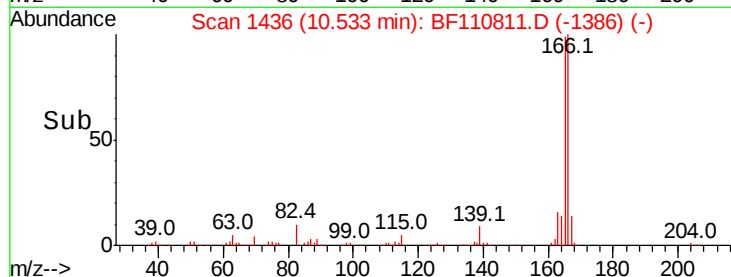
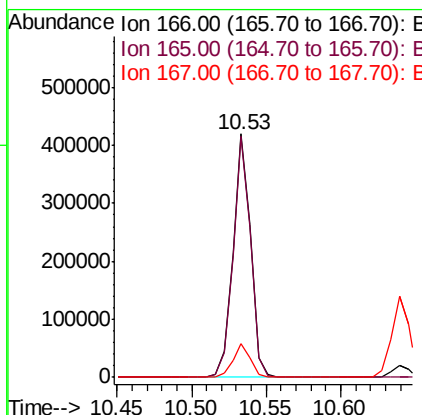
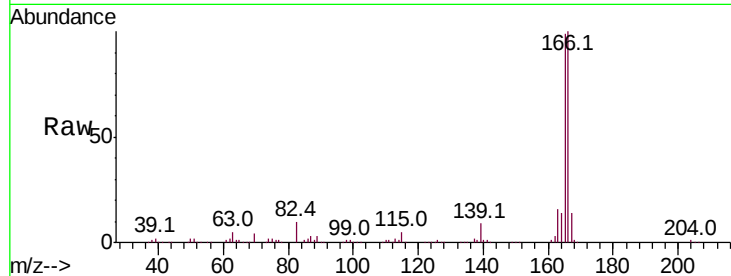
#58
 Fluorene
 Concen: 41.239 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.8	10.8	16.2

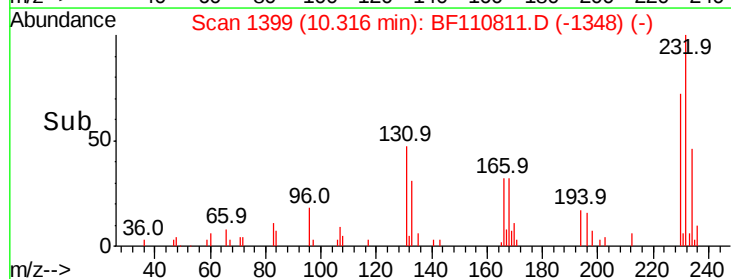
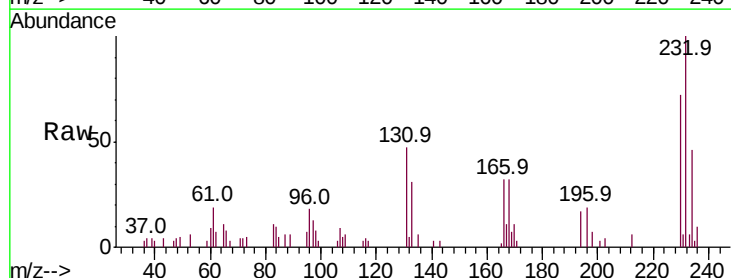
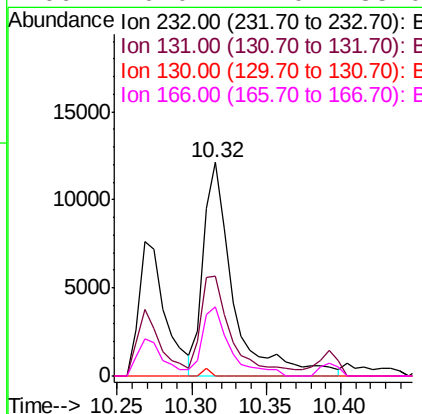
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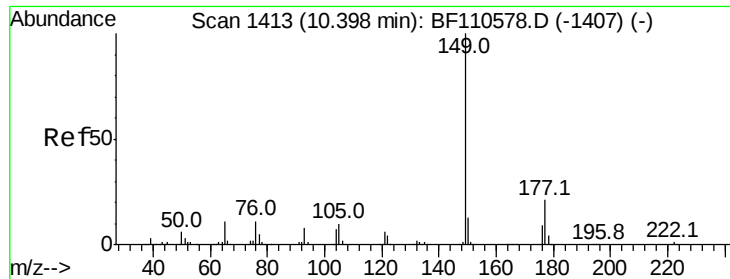
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.204 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	37.0	55.4
130	0.9	1.8	2.6#
166	0.0	22.0	33.0#





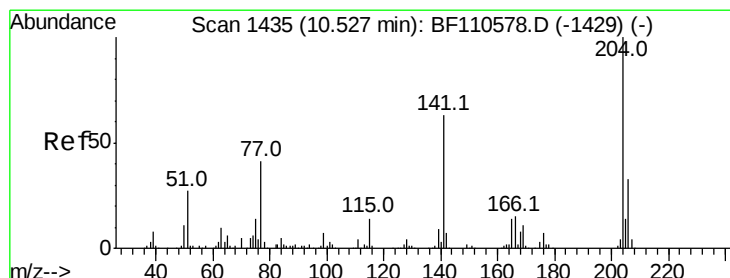
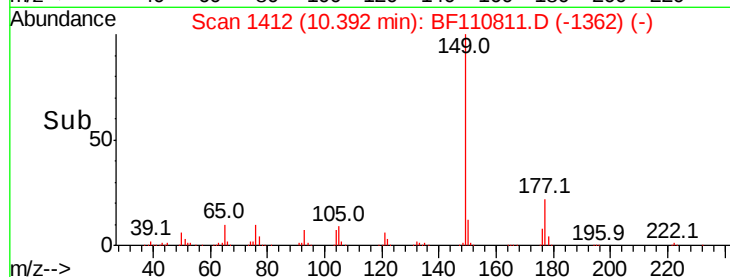
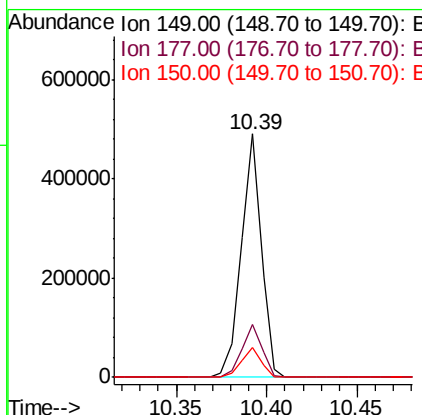
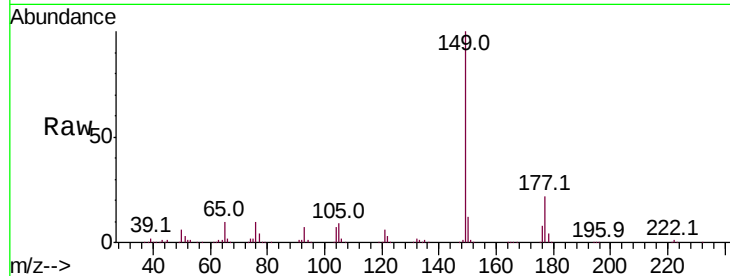
#60
Diethylphthalate
Concen: 41.639 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.2	9.8	14.8

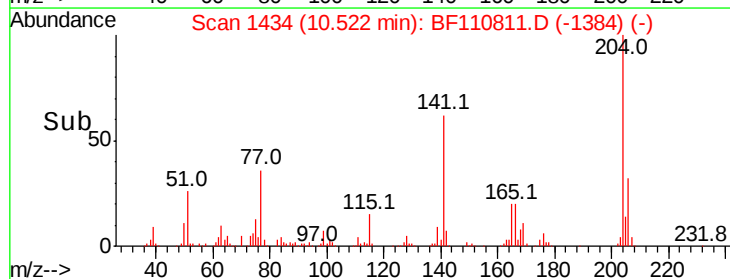
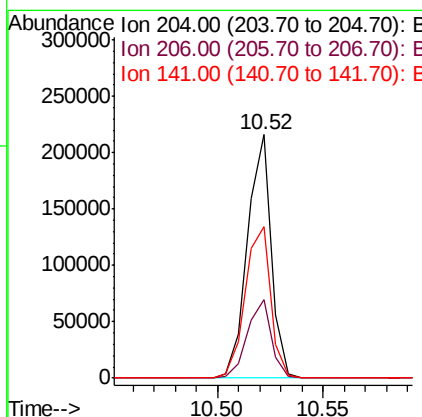
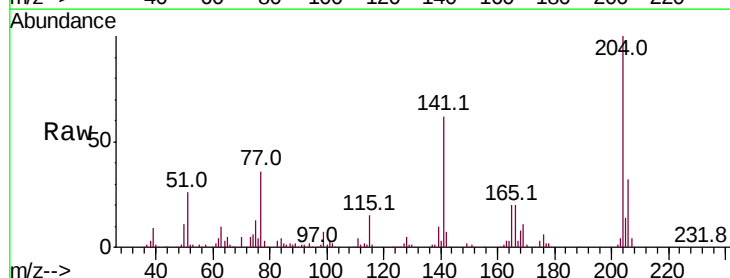
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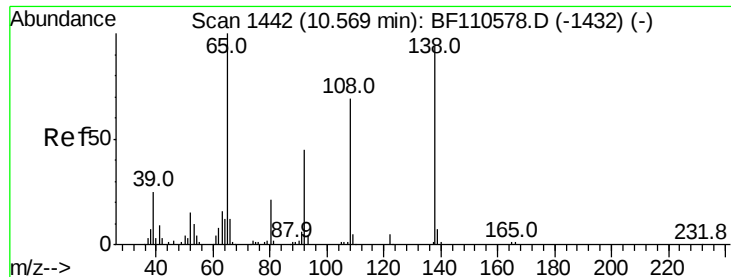
Sohil
11/19/2018 11:55:36 AM



#61
4-Chlorophenyl-phenylether
Concen: 38.728 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	62.2	51.8	77.8





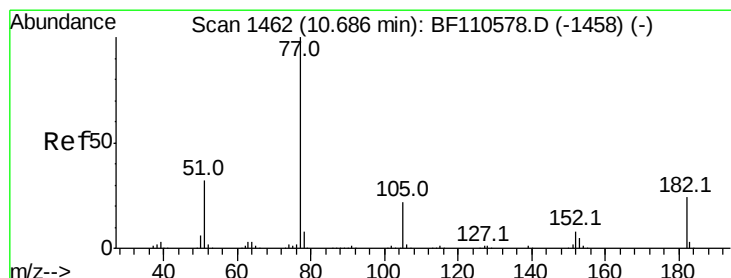
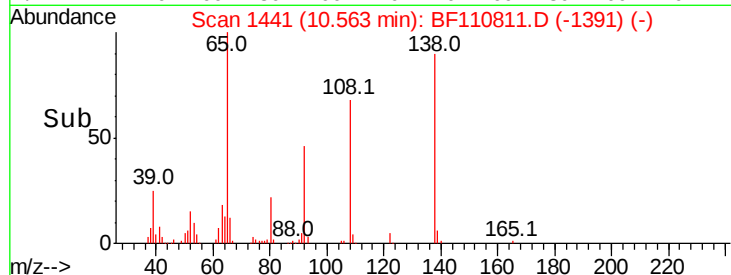
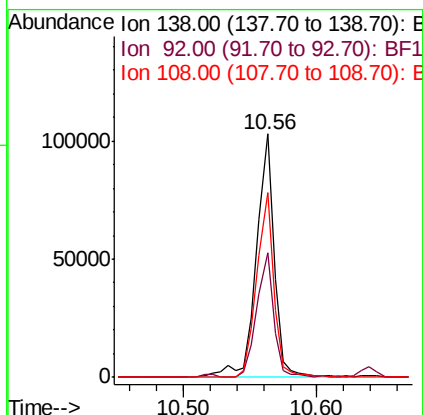
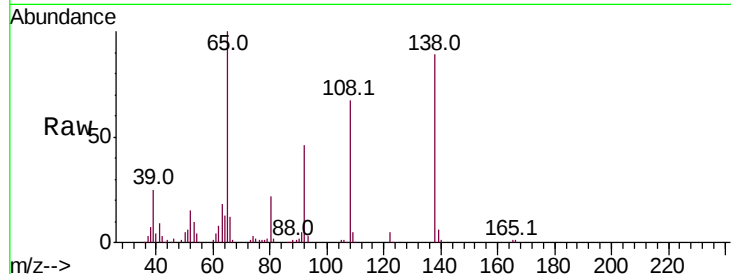
#62
4-Nitroaniline
Concen: 40.171 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.7	71.7
108	75.8	59.3	99.3

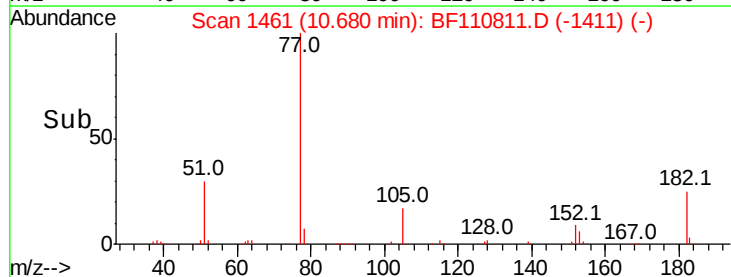
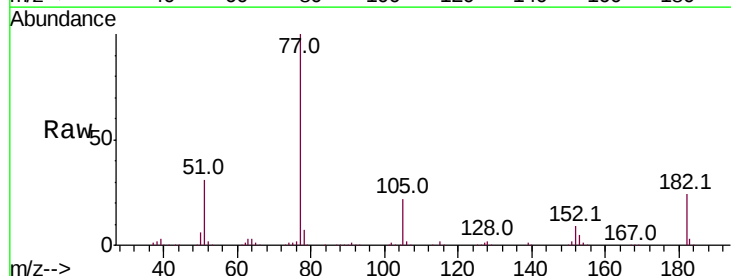
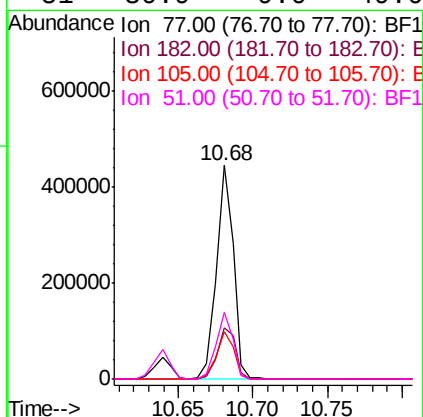
Manual Integrations
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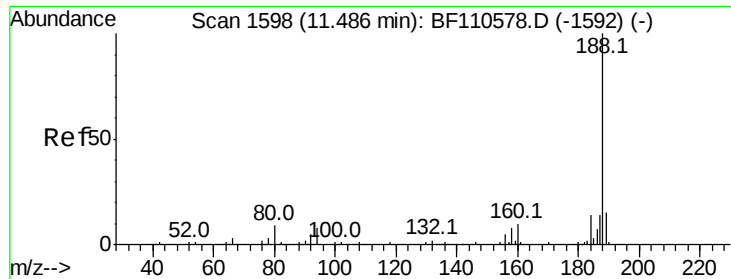
Sohil
11/19/2018 11:55:36 AM



#63
Azobenzene
Concen: 39.423 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.3	44.3
105	22.0	1.3	41.3
51	30.9	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

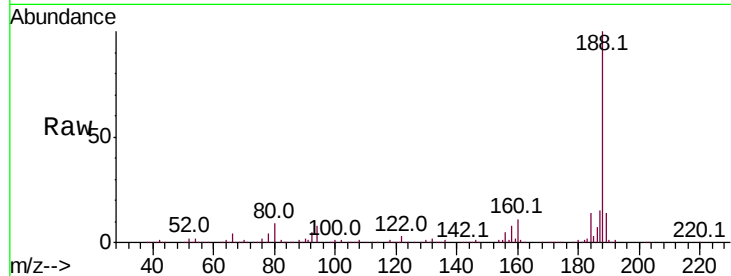
ClientSampleId :

OILY-WATERMSD

Tot Ion:	188	Resp:	239159
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.2	10.8
80	8.5	7.9	11.9

Manual Integrations
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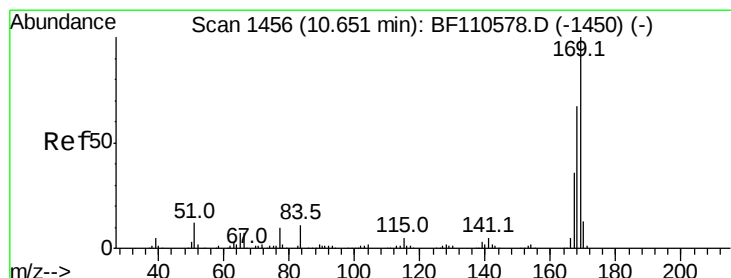
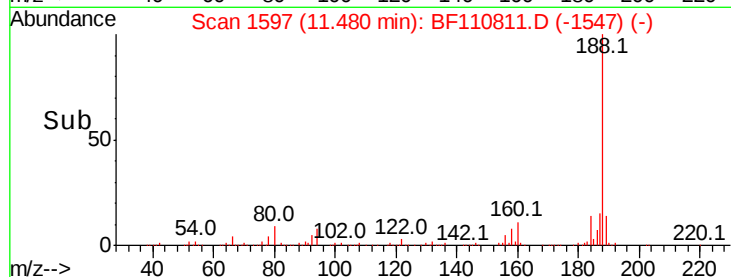
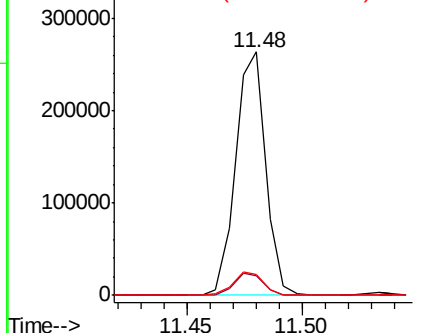
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 38.832 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110811.D

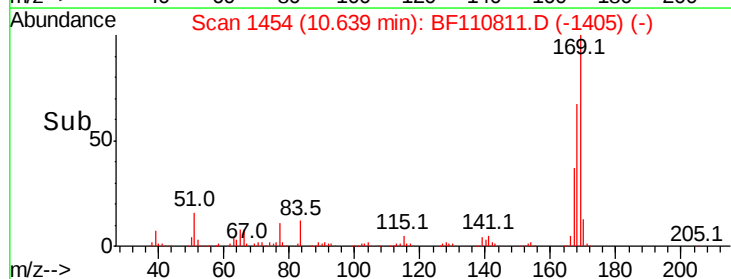
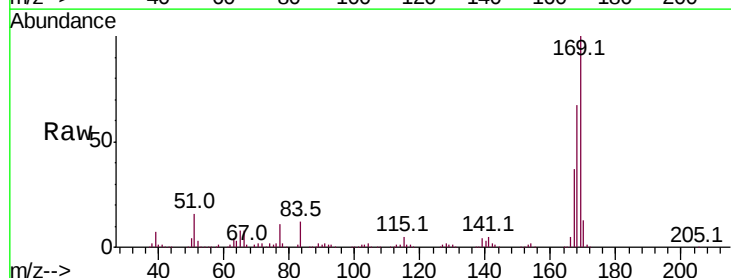
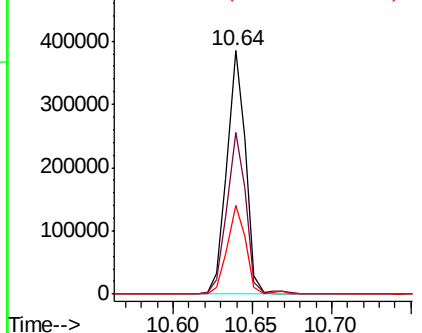
Acq: 16 Nov 2018 12:18

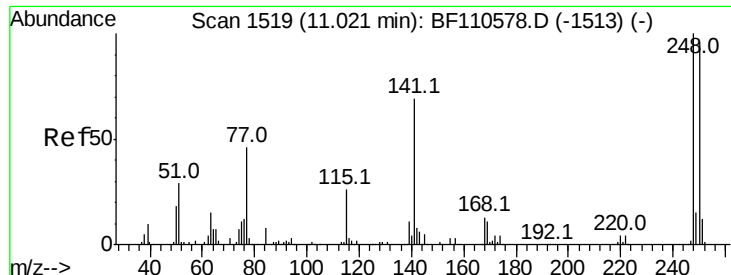
Tgt Ion:	169	Resp:	313038
Ion Ratio	Lower	Upper	
169	100		
168	66.6	51.2	76.8
167	36.5	27.8	41.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





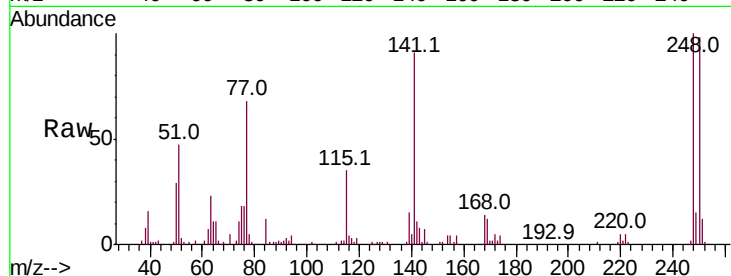
#67
 4-Bromophenyl-phenylether
 Concen: 37.888 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.4	119.2
141	90.8	55.9	83.9#

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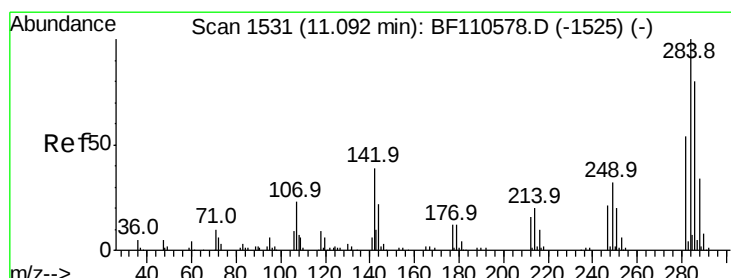
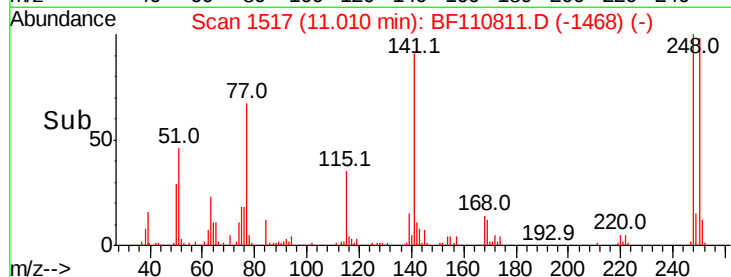
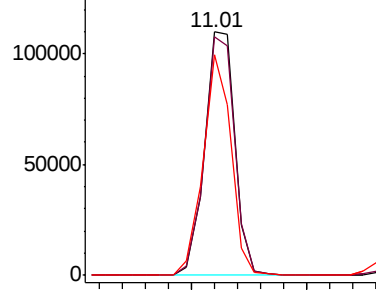


Abundance

Ion 248.00 (247.70 to 248.70): E

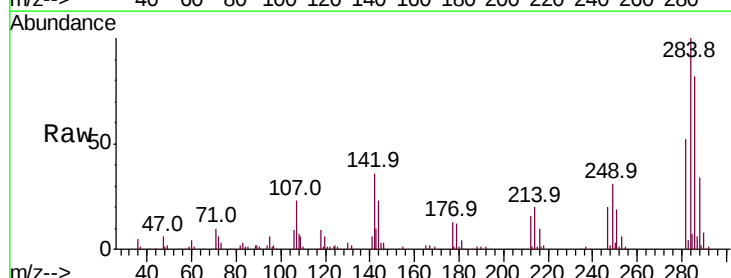
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.021 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	23.9	35.9#
249	30.7	24.2	36.2

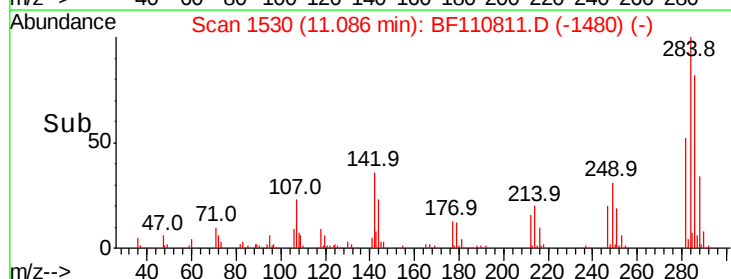
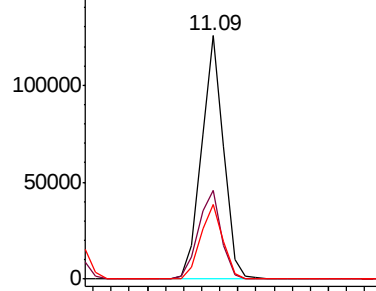


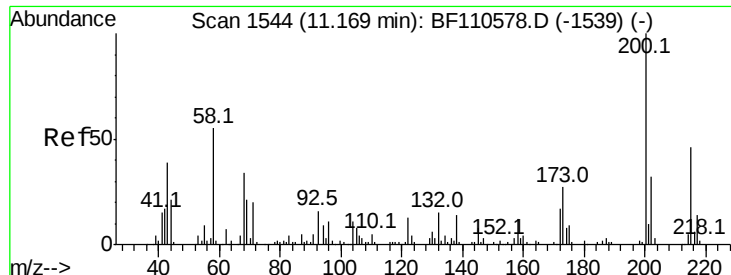
Abundance

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





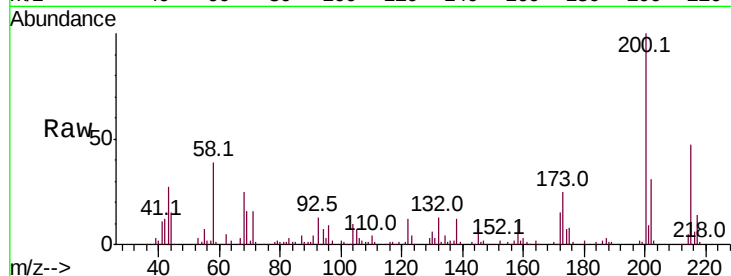
#69
Atrazine
Concen: 42.795 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	46.5	26.3	66.3

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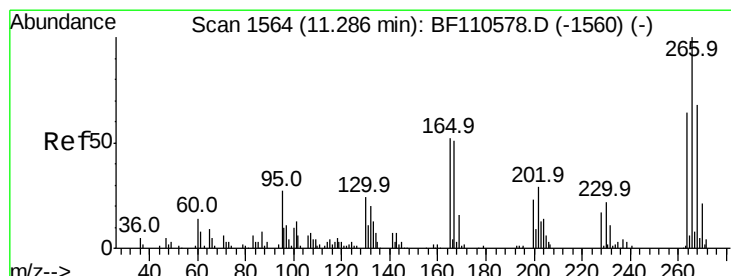
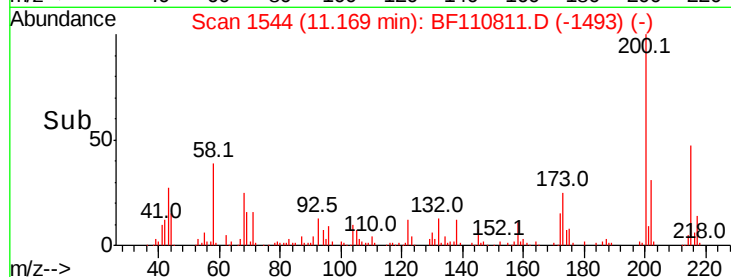
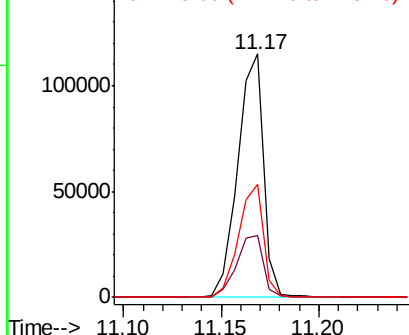


Abundance

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



#70
Pentachlorophenol
Concen: 2.208 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

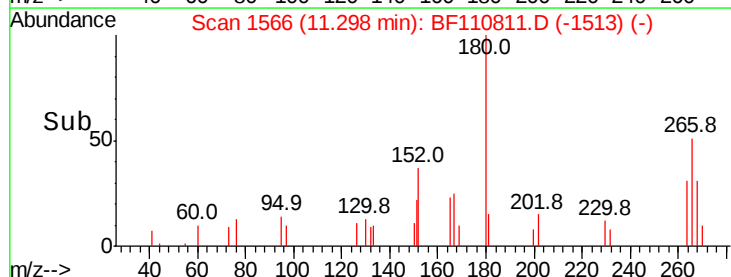
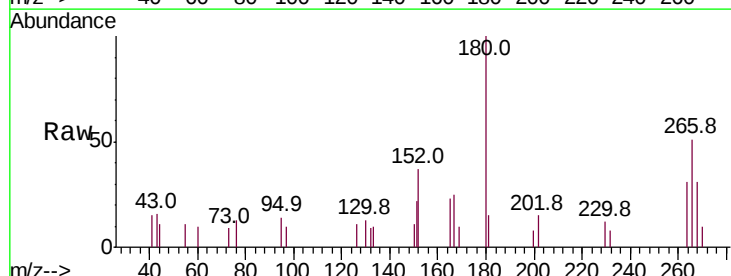
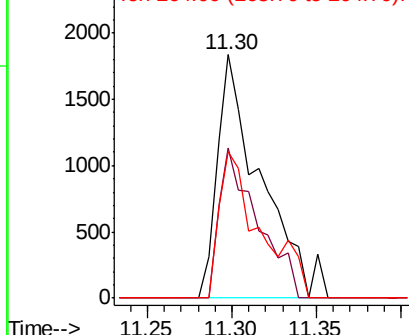
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	50.6	75.8
264	60.2	50.6	75.8

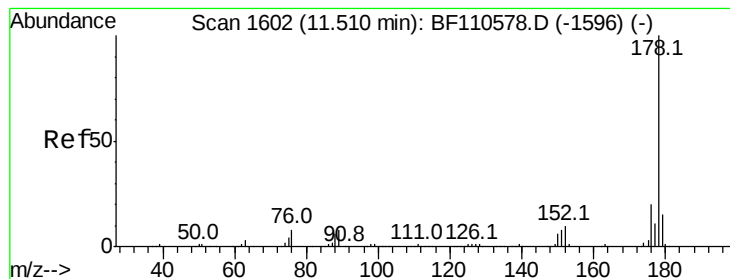
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





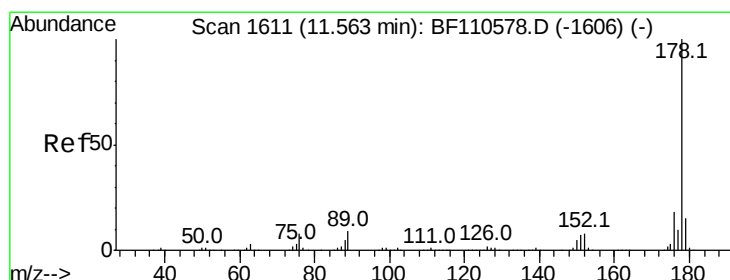
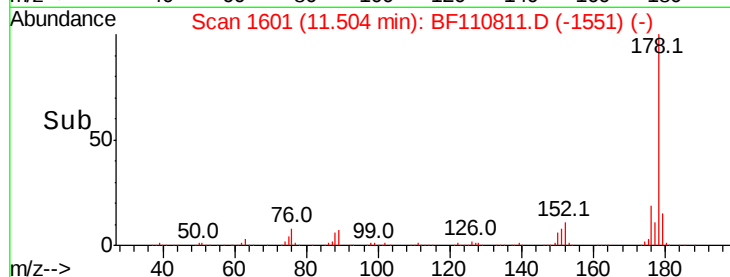
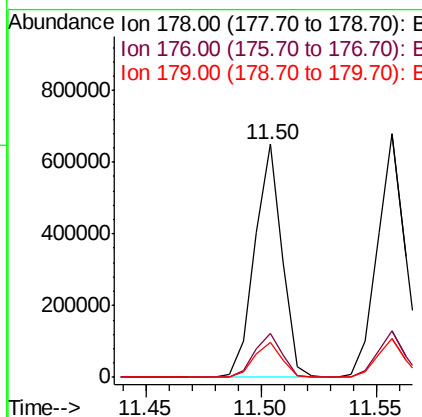
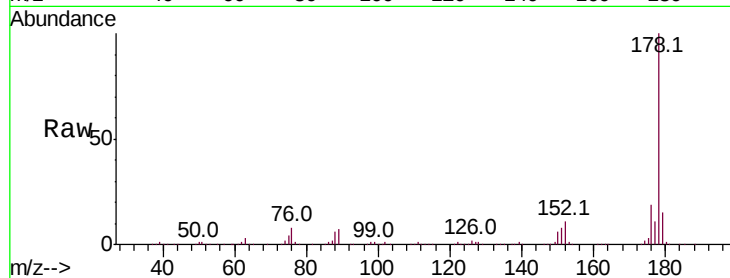
#71
Phenanthrene
Concen: 41.929 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.2	12.5	18.7

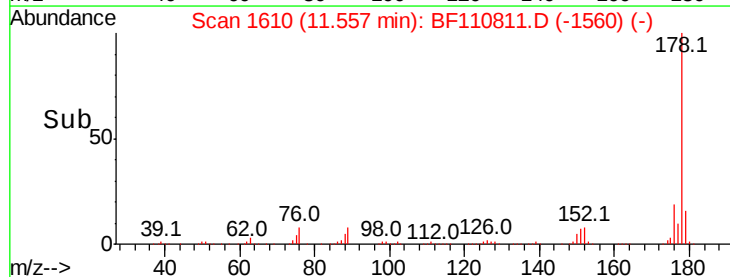
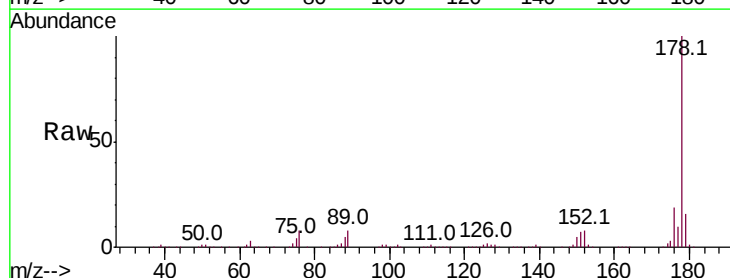
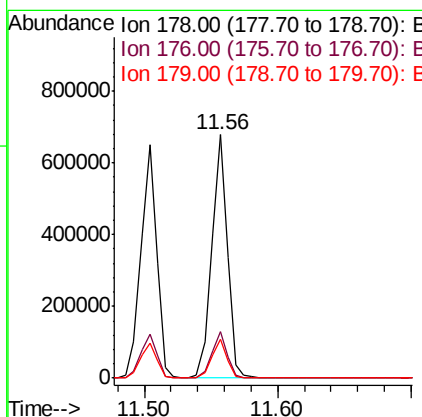
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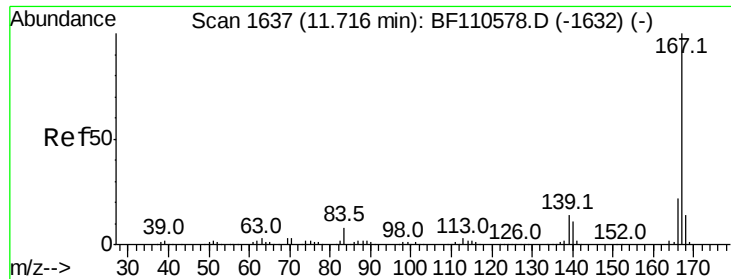
Sohil
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#72
Anthracene
Concen: 43.345 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.6	18.8





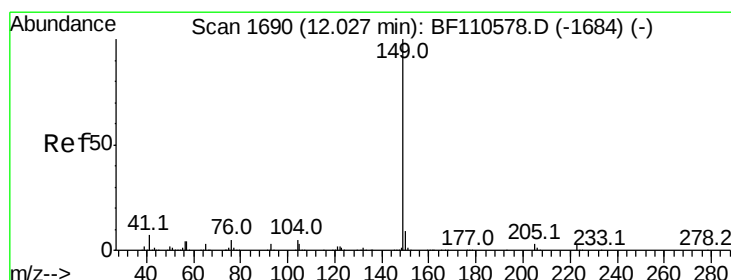
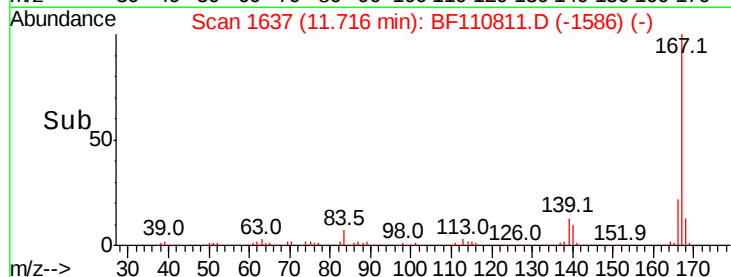
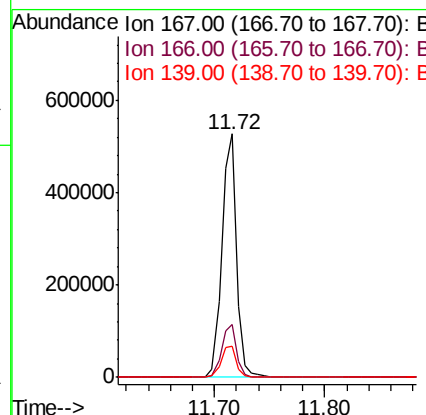
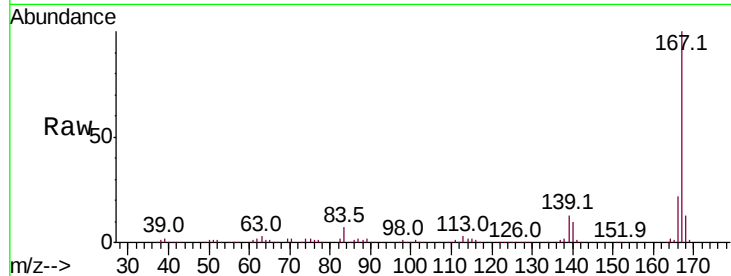
#73
 Carbazole
 Concen: 38.987 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.8	10.9	16.3

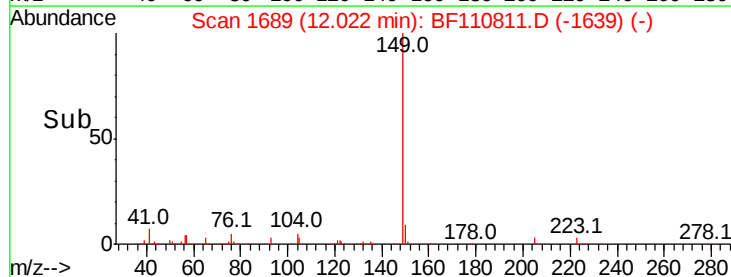
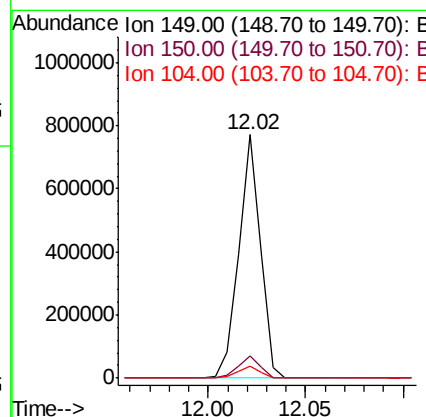
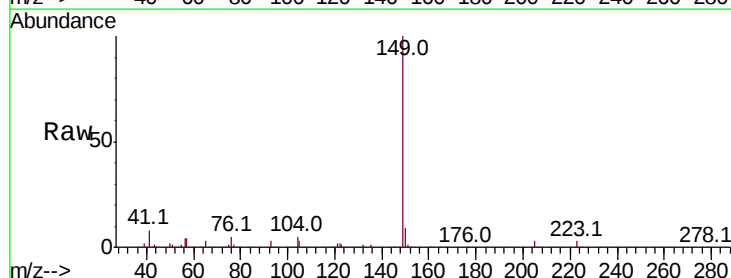
Manual Integrations
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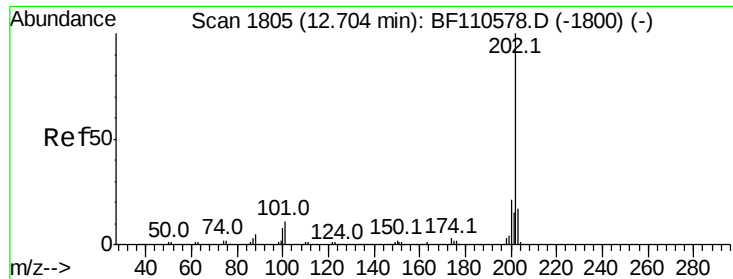
Sohil
 11/19/2018 11:55:36 AM



#74
 Di-n-butylphthalate
 Concen: 40.657 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110811.D
 Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 42.508 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

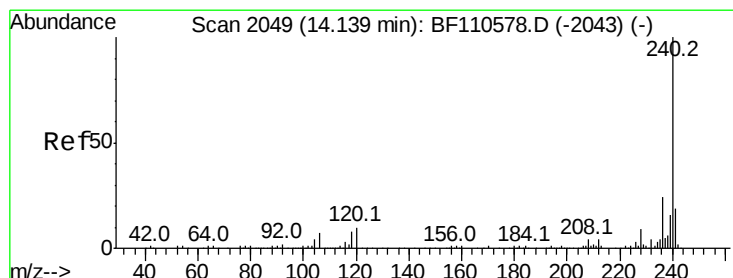
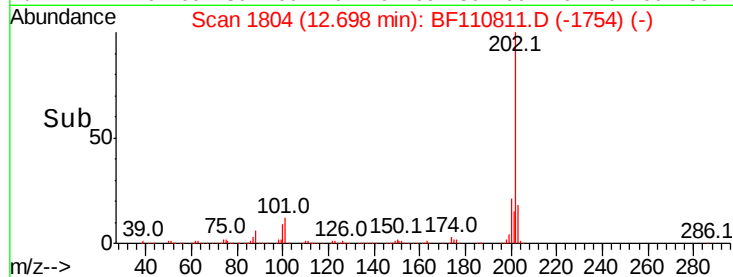
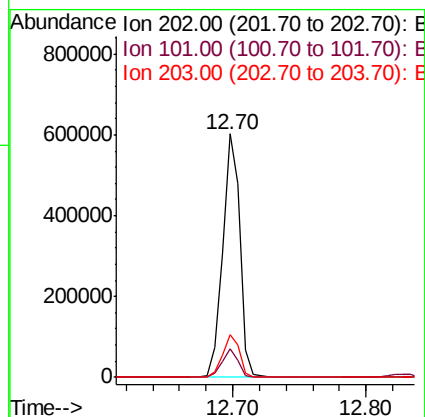
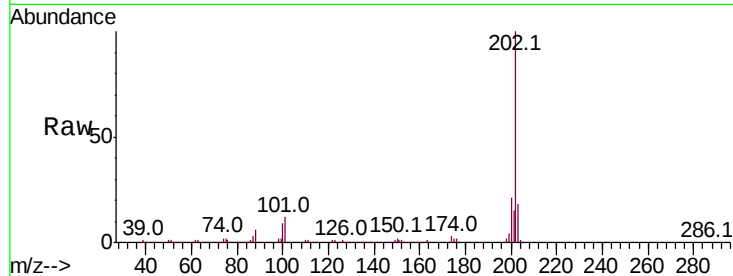
ClientSampleId :

OILY-WATERMSD

Tot Ion:	202	Resp:	546055
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.4
203	17.7	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

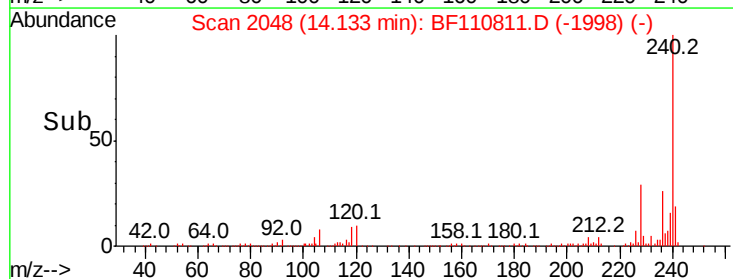
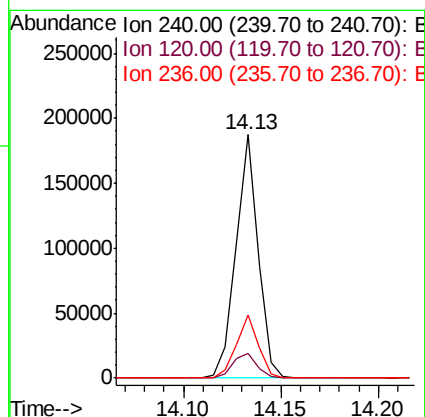
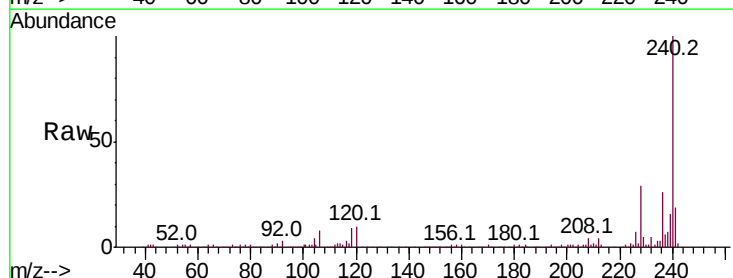
RT: 14.13 min Scan# 2048

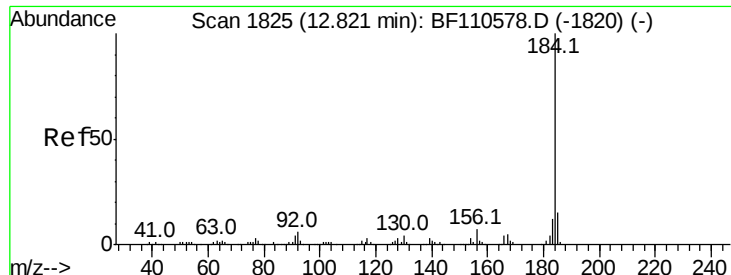
Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Tgt Ion:	240	Resp:	148006
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.3	12.5
236	26.0	21.2	31.8





#77

Benzidine

Concen: 286.380 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

ClientSampleId :

OILY-WATERMSD

Tot Ion:184 Resp: 1165625

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

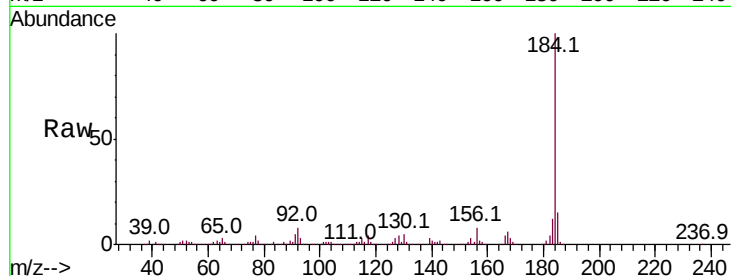
183 12.4 9.4 14.2

Manual Integrations

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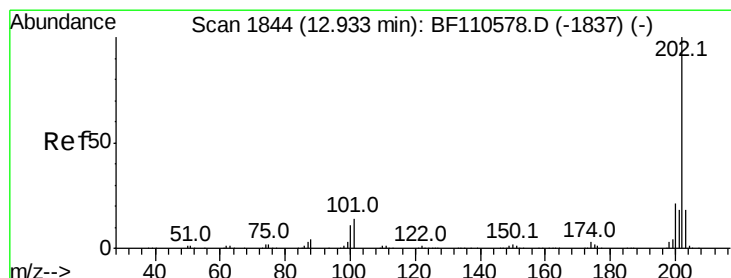
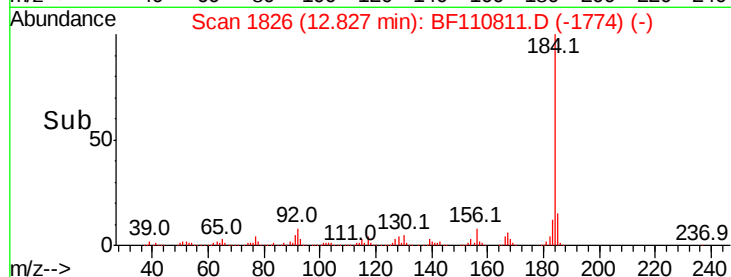
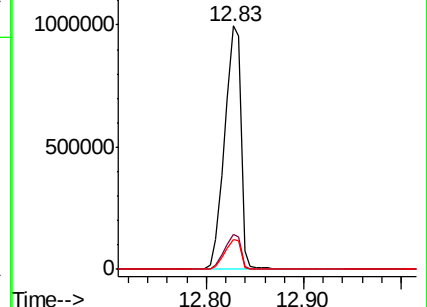
11/19/2018 11:55:36 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.318 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

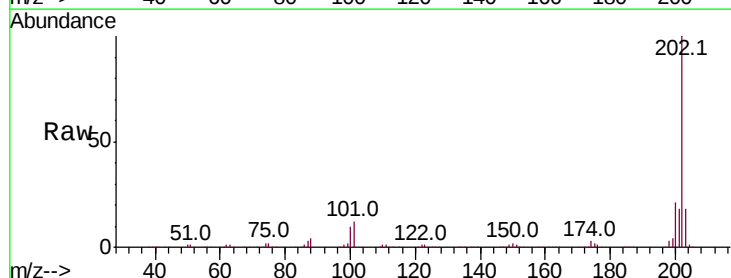
Tgt Ion:202 Resp: 539239

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

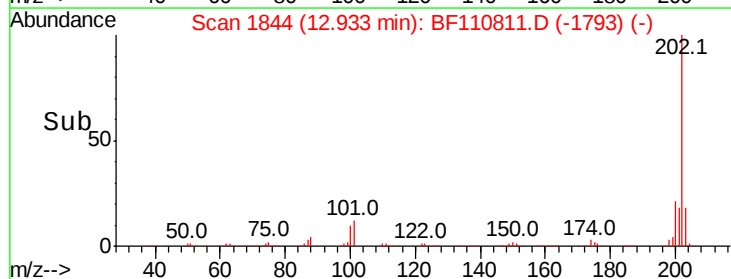
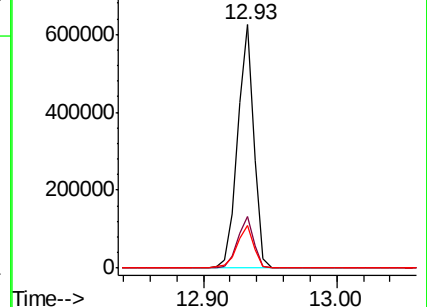
203 17.7 14.2 21.4

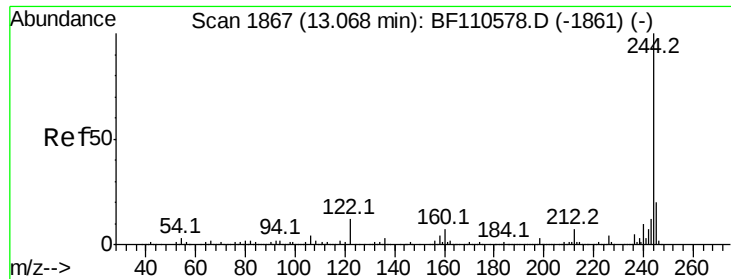


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.862 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

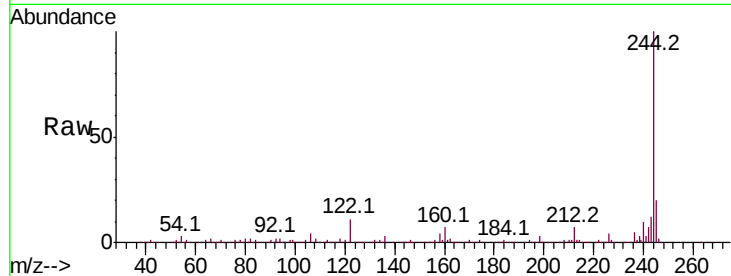
ClientSampleId :

OILY-WATERMSD

Tot Ion:	244	Resp:	623254
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	11.2	8.7	13.1

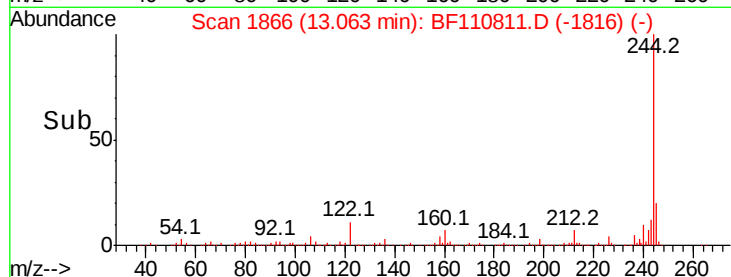
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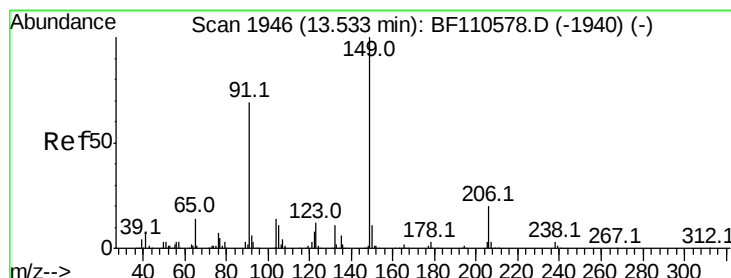


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

13.06



Time-->



#80

Butylbenzylphthalate

Concen: 41.404 ng

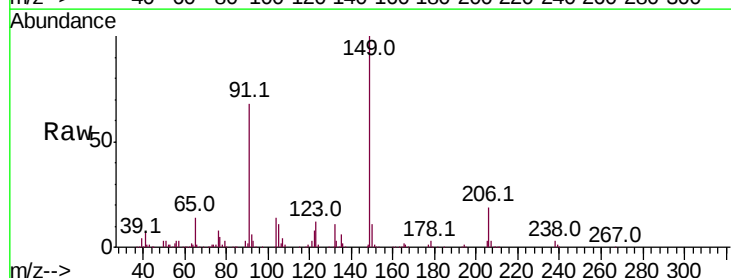
RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110811.D

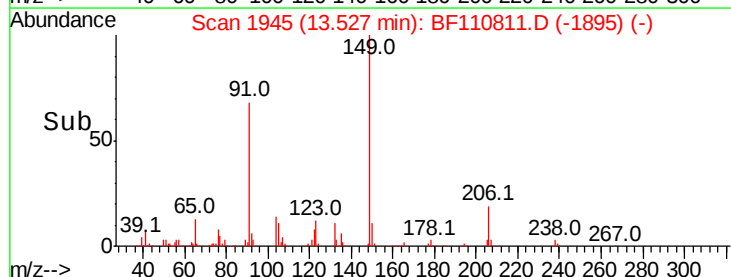
Acq: 16 Nov 2018 12:18

Tgt Ion:	149	Resp:	203089
Ion Ratio	Lower	Upper	
149	100		
91	67.8	57.2	85.8
206	19.4	15.7	23.5

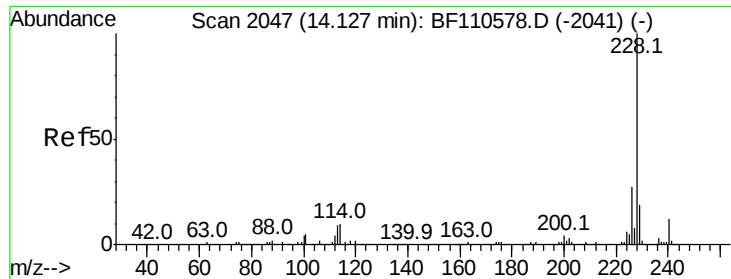


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

13.53



Time-->



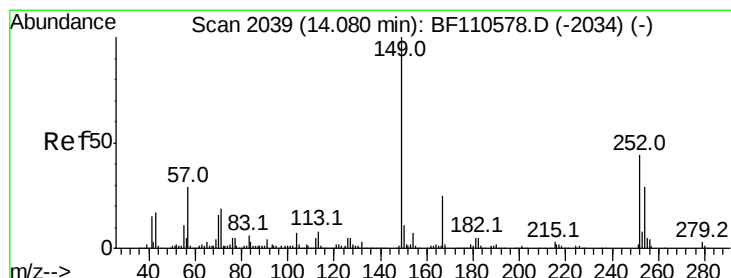
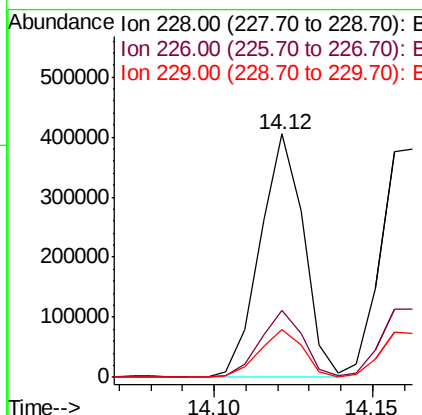
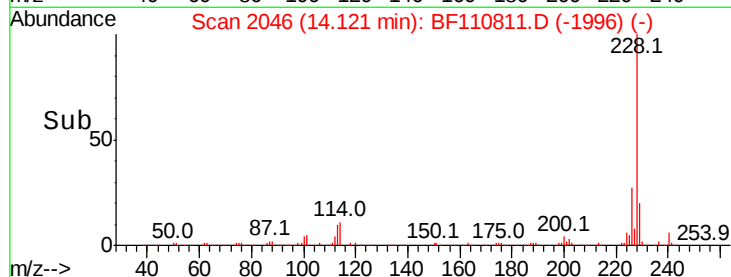
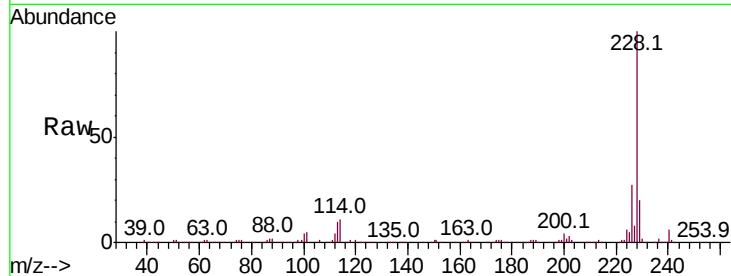
#81
Benzo(a)anthracene
Concen: 43.688 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.8	15.6	23.4

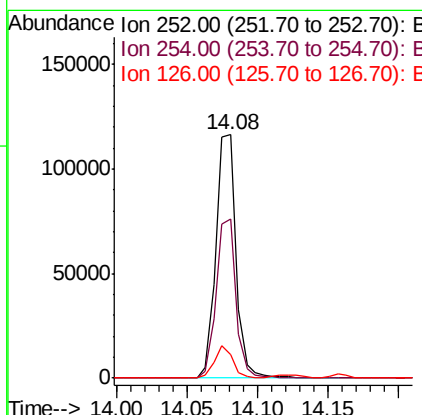
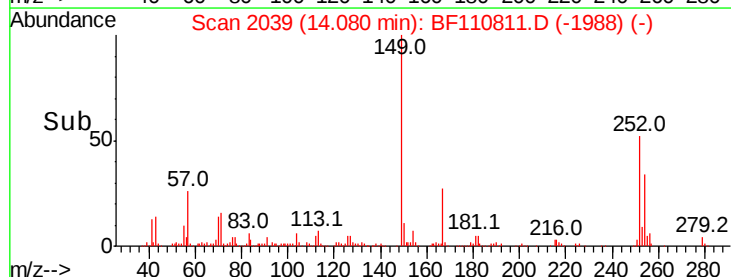
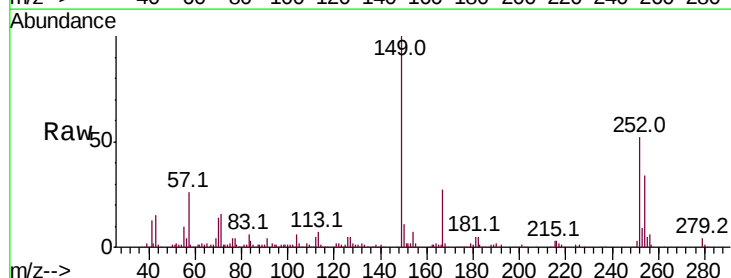
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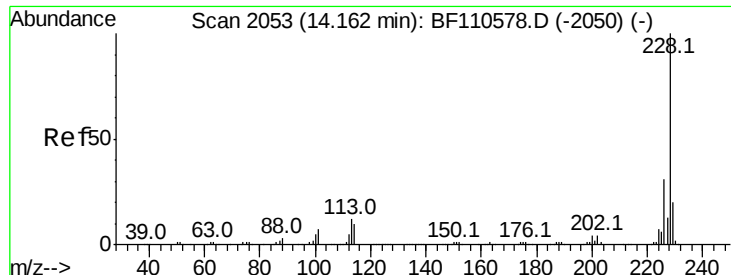
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#82
3,3'-Dichlorobenzidine
Concen: 39.048 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	9.7	9.4	14.2





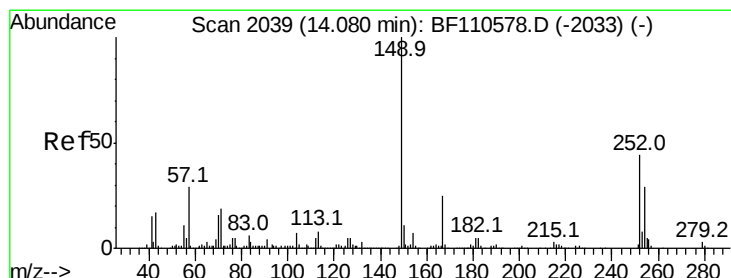
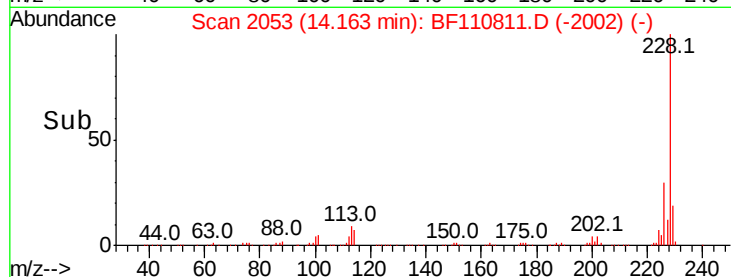
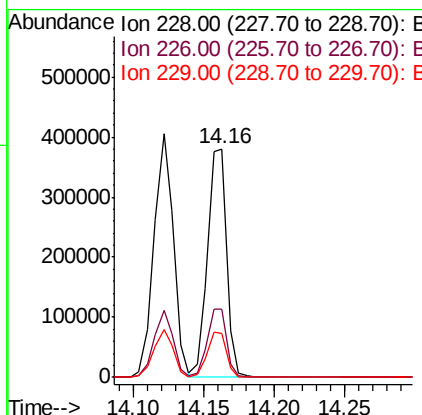
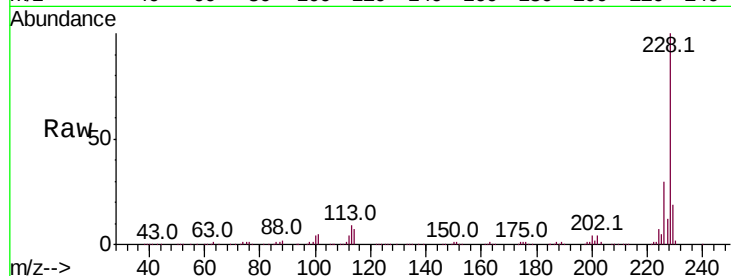
#83
Chrysene
Concen: 42.612 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.5	15.9	23.9

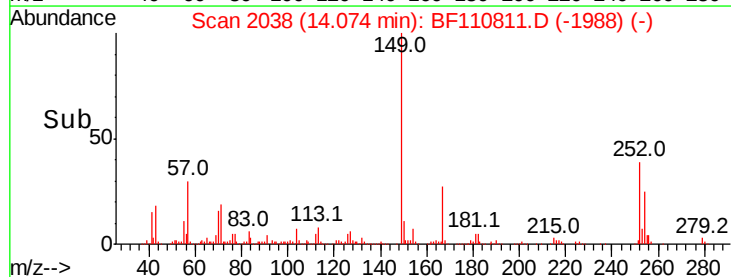
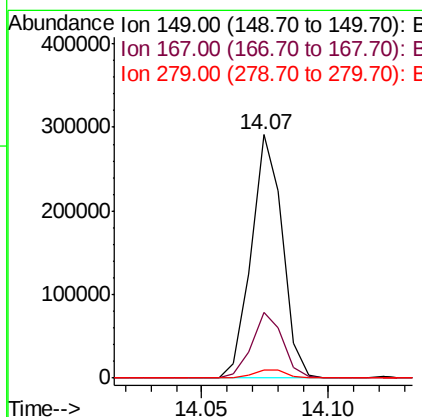
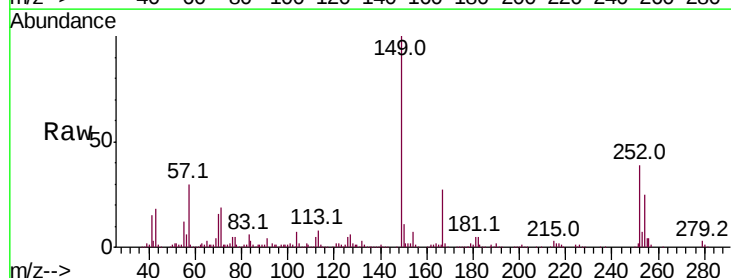
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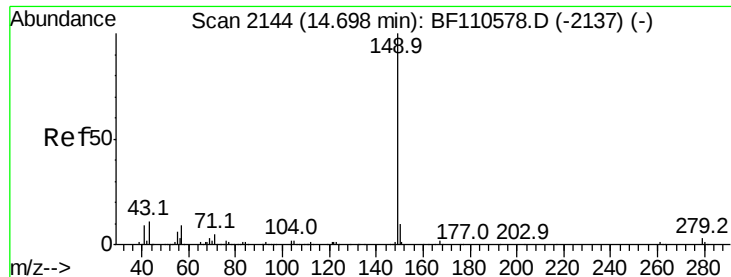
Sohil
11/19/2018 11:55:36 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.887 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 44.369 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Instrument :

BNA_F

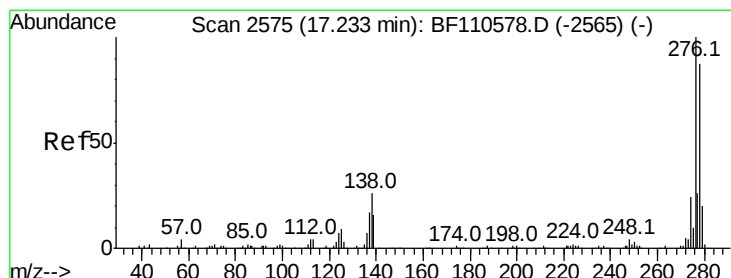
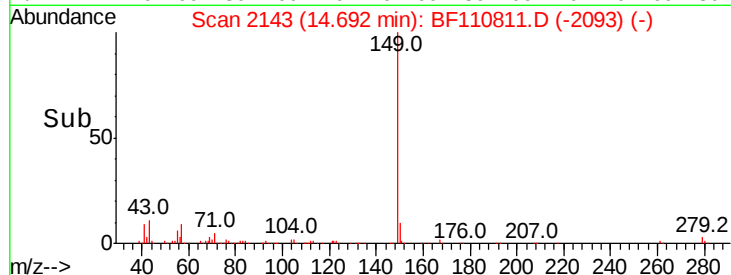
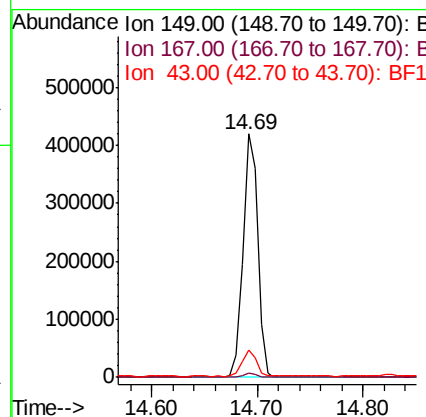
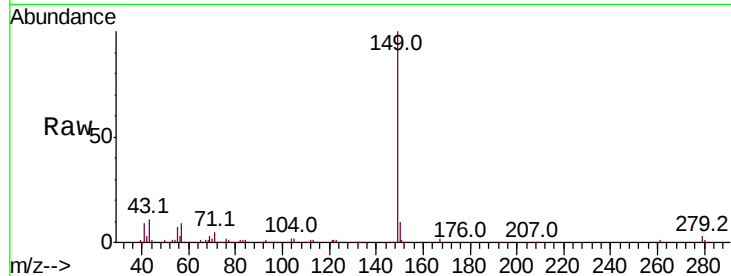
ClientSampleId :

OILY-WATERMSD

Tot Ion:	149	Resp:	397004
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 64.449 ng

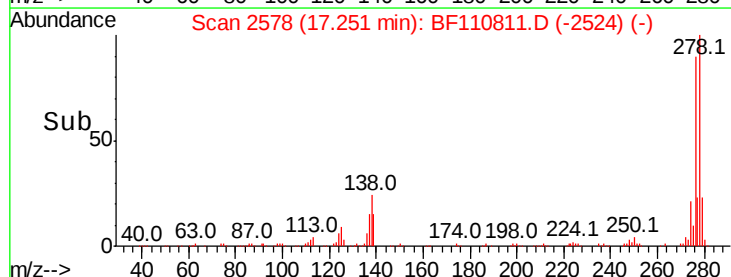
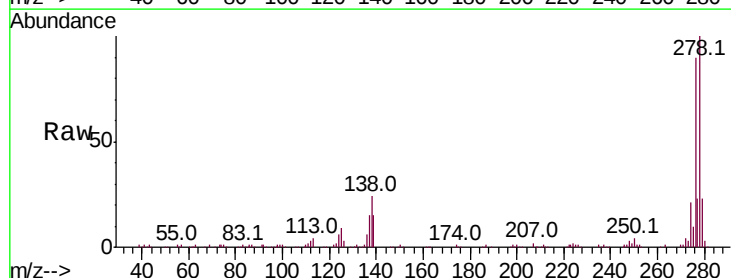
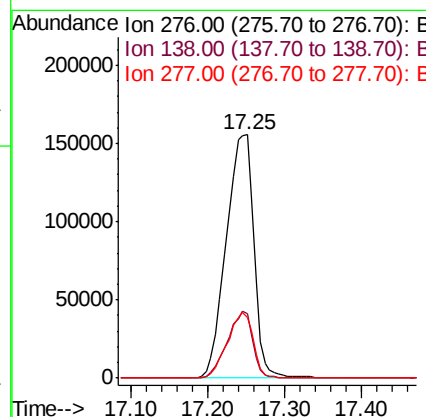
RT: 17.25 min Scan# 2578

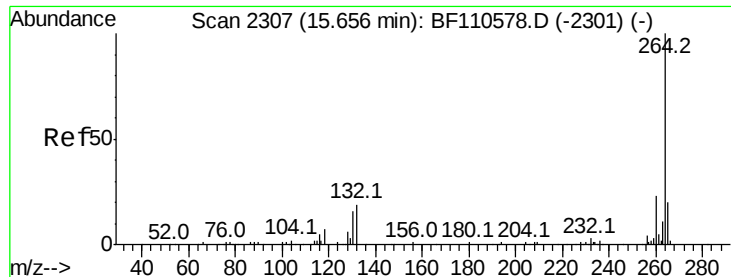
Delta R.T. 0.02 min

Lab File: BF110811.D

Acq: 16 Nov 2018 12:18

Tgt Ion:	276	Resp:	389783
Ion Ratio	Lower	Upper	
276	100		
138	25.2	18.5	27.7
277	25.2	20.0	30.0





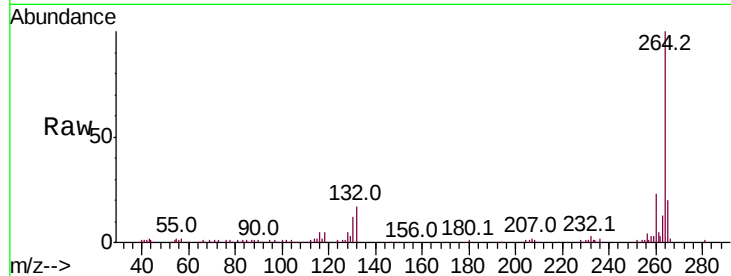
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

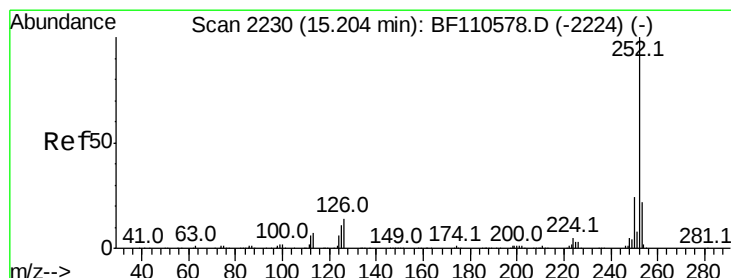
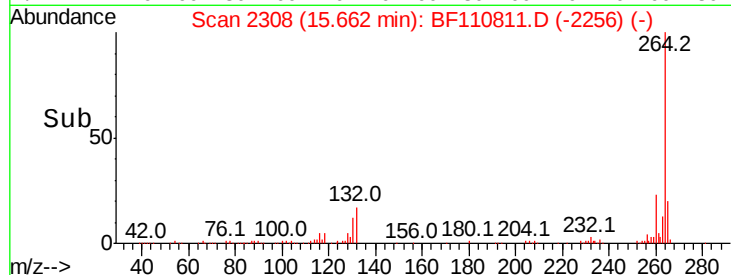
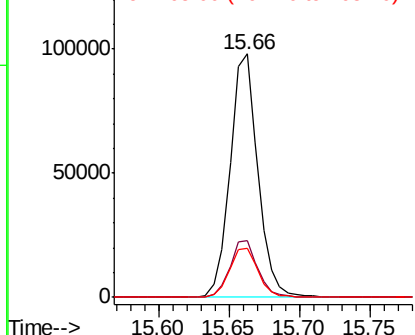
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.2	16.7	25.1

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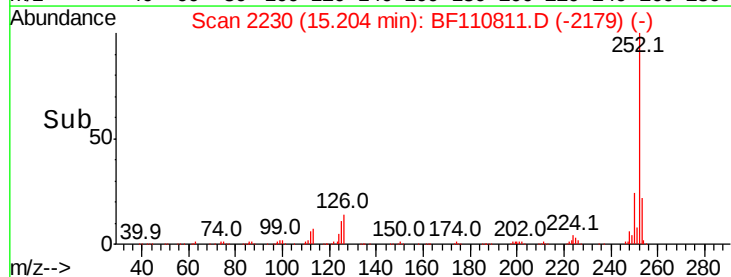
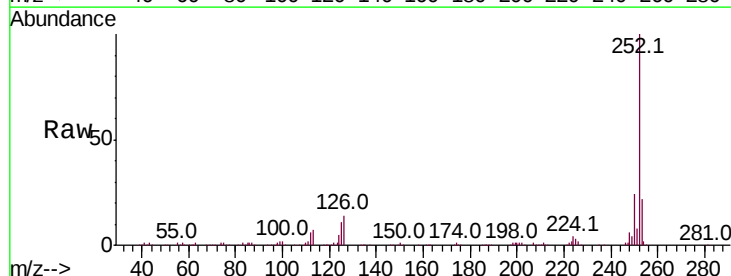
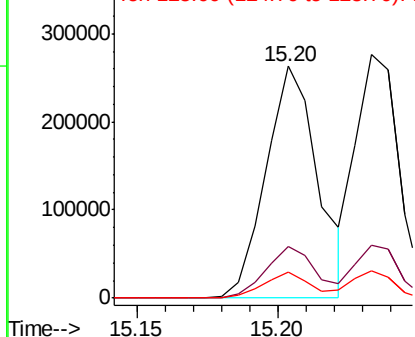
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

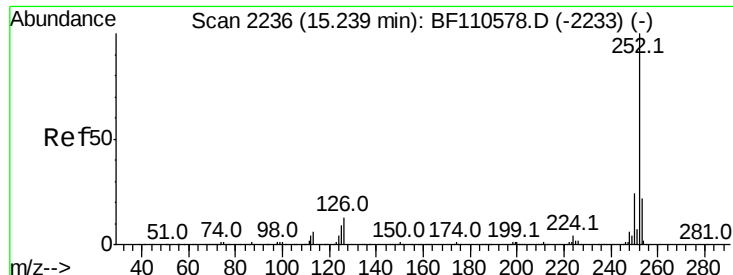


#88
Benzo(b)fluoranthene
Concen: 41.808 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.2	8.2	12.4

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





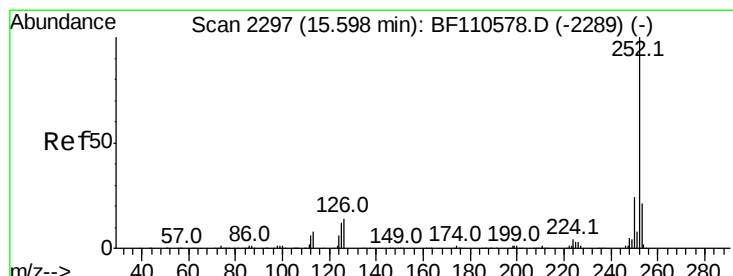
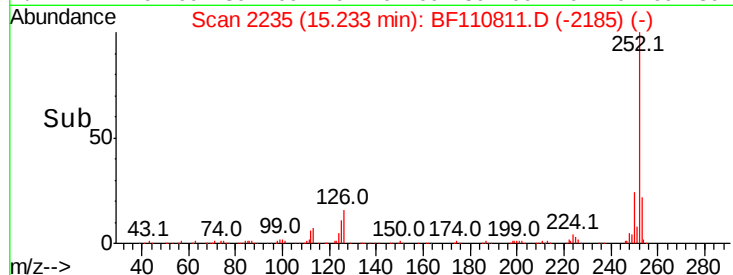
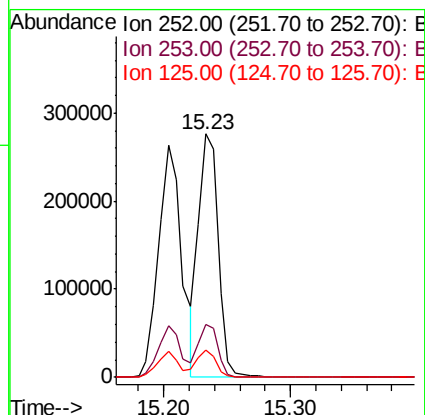
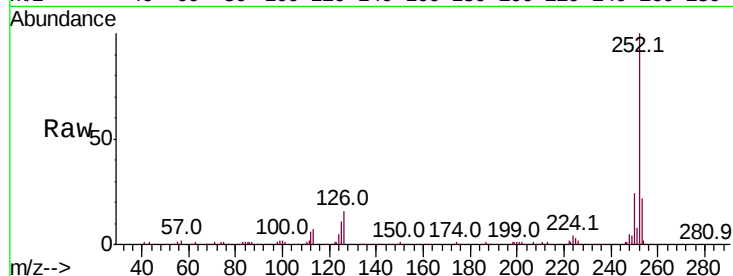
#89
Benzo(k)fluoranthene
Concen: 37.199 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.1	7.4	11.0

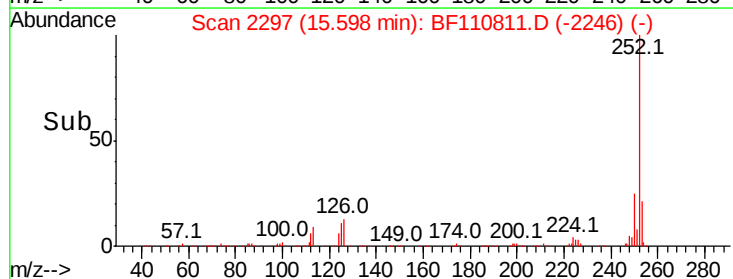
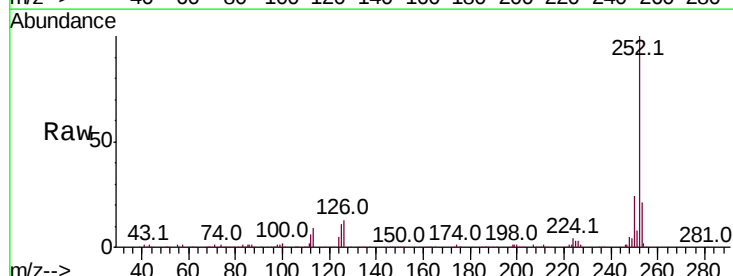
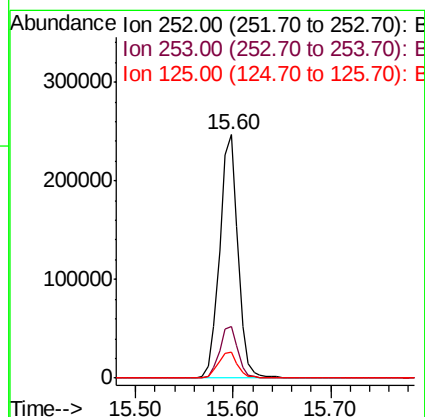
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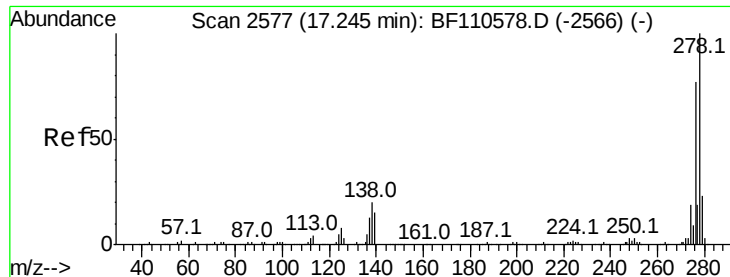
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#90
Benzo(a)pyrene
Concen: 43.908 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	18.2	27.4
125	10.9	9.0	13.6





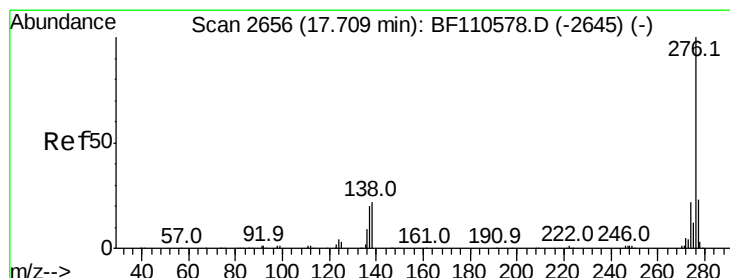
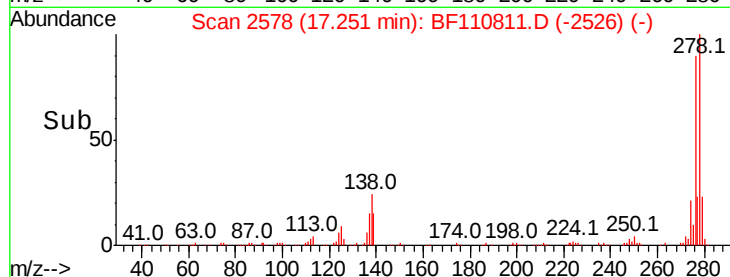
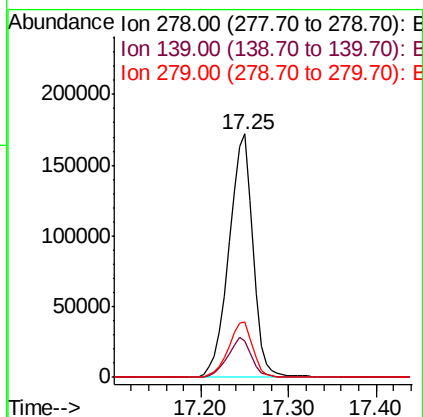
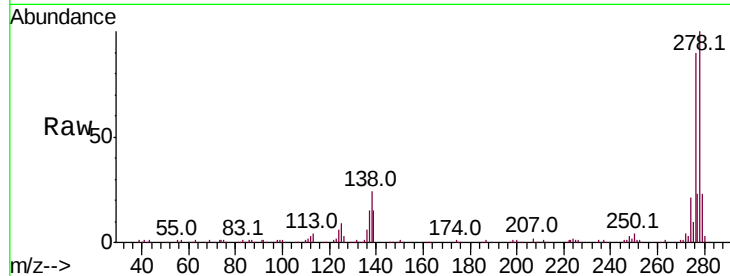
#91
Dibenzo(a,h)anthracene
Concen: 52.047 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	22.5	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 50.984 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110811.D
Acq: 16 Nov 2018 12:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	20.9	16.0	24.0

