

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115247.D
 Acq On : 27 Jun 2019 21:22
 Operator : HP/JU
 Sample : K3529-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Manual Integrations
 APPROVED

mohammad
 6/28/2019 2:58:36 PM

Quant Time: Jun 28 06:59:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	211299	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	808906	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	400314	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	809739	20.00	ng	0.00
76) Chrysene-d12	13.72	240	614096	20.00	ng	0.00
87) Perylene-d12	15.07	264	773459	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1542842	112.68	ng	0.01
7) Phenol-d6	6.24	99	1704168	102.54	ng	0.00
23) Nitrobenzene-d5	7.16	82	1210019	92.02	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	557224	132.00	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2253818	95.63	ng	0.00
79) Terphenyl-d14	12.68	244	2590017	89.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	218896	33.874	ng	99
3) Pyridine	2.87	79	598279	32.848	ng	98
4) n-Nitrosodimethylamine	2.78	42	259169	36.297	ng	95
6) Aniline	6.26	93	508246	22.251	ng	# 1
8) 2-Chlorophenol	6.38	128	572088	37.157	ng	100
9) Benzaldehyde	6.14	77	386410	35.638	ng	99
10) Phenol	6.26	94	993920	51.055	ng	99
11) bis(2-Chloroethyl)ether	6.34	93	552646	38.511	ng	98
12) 1,3-Dichlorobenzene	6.54	146	659650	38.605	ng	98
13) 1,4-Dichlorobenzene	6.61	146	667215	38.939	ng	99
14) 1,2-Dichlorobenzene	6.77	146	615211	38.771	ng	98
15) Benzyl Alcohol	6.75	79	481435	39.782	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	764697	36.741	ng	98
17) 2-Methylphenol	6.87	107	472139	37.151	ng	100
18) Hexachloroethane	7.11	117	230059	37.242	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	394481	37.075	ng	98
20) 3+4-Methylphenols	7.02	107	875124	59.636	ng	# 69
22) Acetophenone	7.01	105	815122	44.017	ng	# 95
24) Nitrobenzene	7.18	77	620322	42.820	ng	98
25) Isophorone	7.42	82	1099205	40.806	ng	100
26) 2-Nitrophenol	7.50	139	325994	45.567	ng	98
27) 2,4-Dimethylphenol	7.55	122	518838	44.294	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	698507	41.026	ng	99
29) 2,4-Dichlorophenol	7.74	162	517749	42.831	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	570011	42.690	ng	98
31) Naphthalene	7.90	128	1745636	43.963	ng	100
32) Benzoic acid	7.65	122	15274m	1.827	ng	
33) 4-Chloroaniline	7.95	127	255090	14.057	ng	100
34) Hexachlorobutadiene	8.03	225	309527	42.301	ng	99
35) Caprolactam	8.32	113	144914m	35.657	ng	
36) 4-Chloro-3-methylphenol	8.44	107	522758	42.702	ng	95
37) 2-Methylnaphthalene	8.59	142	1202664	44.921	ng	99
38) 1-Methylnaphthalene	8.69	142	1118956	43.761	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525576	46.461	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	339716	50.646	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	370037	42.370	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	404624	44.990	ng	99
46) 1,1'-Biphenyl	9.05	154	1420712	44.355	ng	99
47) 2-Chloronaphthalene	9.08	162	1136199	43.730	ng	99
48) 2-Nitroaniline	9.17	65	342870	45.264	ng	99
49) Acenaphthylene	9.48	152	1793394	44.302	ng	99
50) Dimethylphthalate	9.36	163	1358742	46.134	ng	100
51) 2,6-Dinitrotoluene	9.41	165	314774	46.293	ng	99
52) Acenaphthene	9.66	154	1053295	41.582	ng	99
53) 3-Nitroaniline	9.57	138	224066	27.003	ng	95
54) 2,4-Dinitrophenol	9.68	184	36855	16.910	ng	91
55) Dibenzofuran	9.83	168	1582828	43.536	ng	100
56) 4-Nitrophenol	9.74	139	514124	77.286	ng	97
57) 2,4-Dinitrotoluene	9.81	165	414889	47.256	ng	95
58) Fluorene	10.17	166	1124741	46.717	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	317577	42.111	ng	98
60) Diethylphthalate	10.06	149	1313114	44.354	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	544282	47.729	ng	98
62) 4-Nitroaniline	10.19	138	373996	44.929	ng	96
63) Azobenzene	10.32	77	1201965	43.467	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	55392	16.488	ng	98
66) n-Nitrosodiphenylamine	10.28	169	1113713	44.147	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	382787	43.601	ng	93
68) Hexachlorobenzene	10.72	284	417272	43.788	ng	97
69) Atrazine	10.82	200	365583	45.049	ng	99
70) Pentachlorophenol	10.91	266	281872	46.430	ng	99
71) Phenanthrene	11.12	178	1867390	42.832	ng	99
72) Anthracene	11.17	178	1912310	43.453	ng	100
73) Carbazole	11.32	167	1772830	45.112	ng	99
74) Di-n-butylphthalate	11.68	149	2041736	44.961	ng	100
75) Fluoranthene	12.30	202	1968578	45.256	ng	98
77) Benzidine	12.42	184	829120	30.406	ng	99
78) Pyrene	12.52	202	2047911	43.394	ng	99
80) Butylbenzylphthalate	13.16	149	959733	46.081	ng	95
81) Benzo(a)anthracene	13.71	228	1912779	43.410	ng	99
82) 3,3'-Dichlorobenzidine	13.67	252	393110	24.705	ng	98
83) Chrysene	13.74	228	1803001	44.670	ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1269749	46.528	ng	100
85) Di-n-octyl phthalate	14.34	149	2320715	50.613	ng	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	2019147	42.276	ng	99
88) Benzo(b)fluoranthene	14.71	252	2165305	44.866	ng	99
89) Benzo(k)fluoranthene	14.73	252	1843215	42.588	ng	100
90) Benzo(a)pyrene	15.02	252	1966522	45.209	ng	98
91) Dibenzo(a,h)anthracene	16.36	278	1684923	41.491	ng	98
92) Benzo(g,h,i)perylene	16.72	276	1622555	39.477	ng	99

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

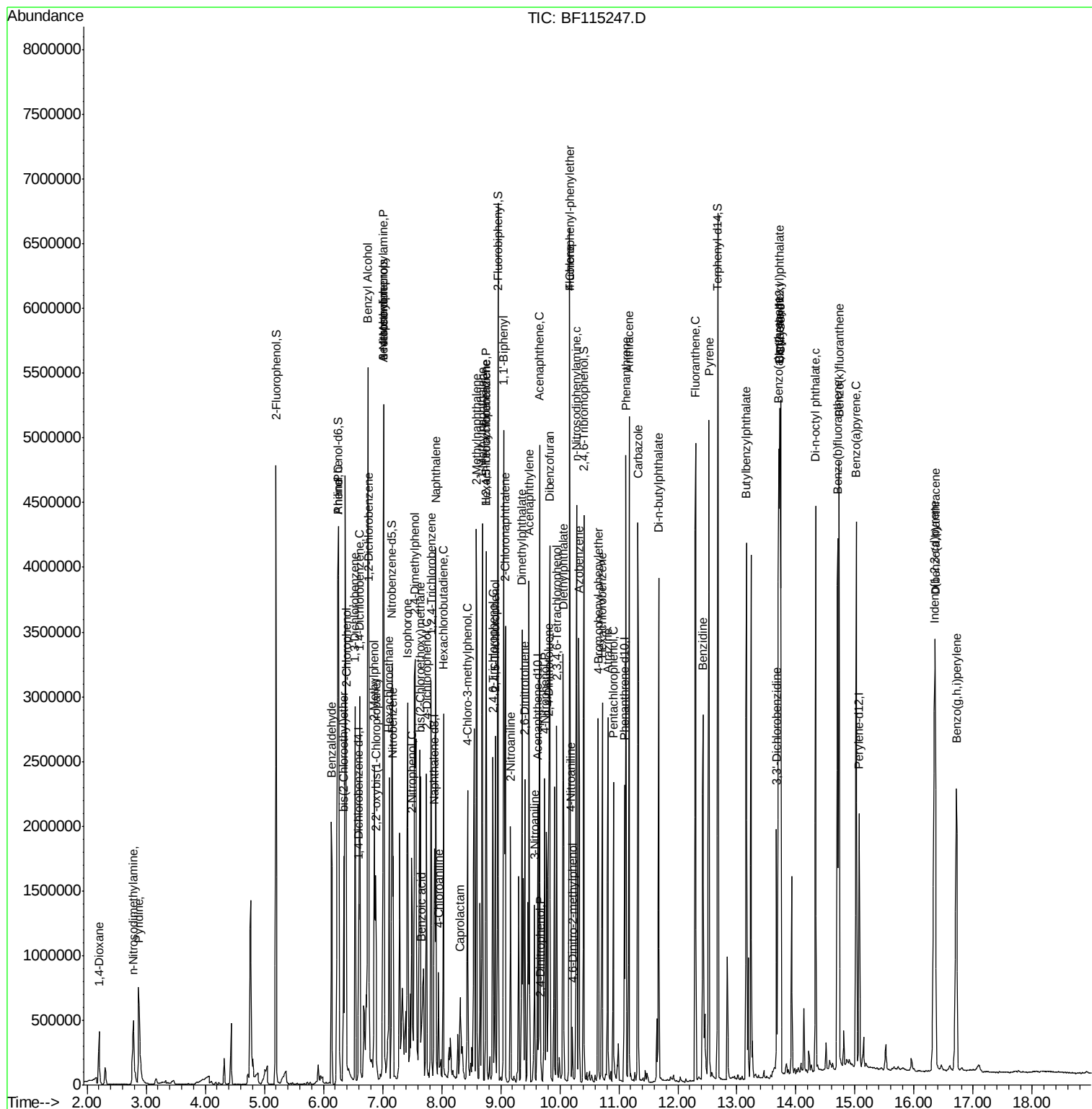
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\  
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#1

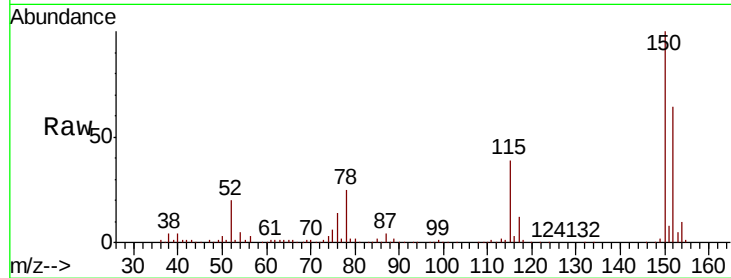
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	61.0	46.1	69.1

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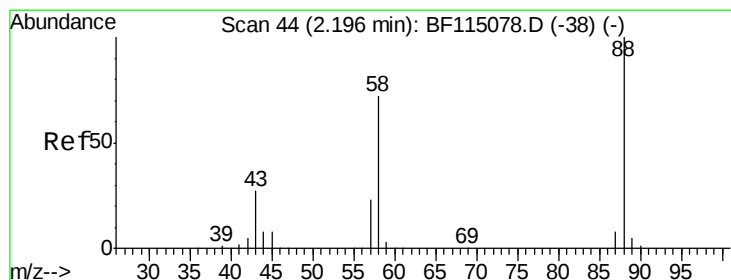
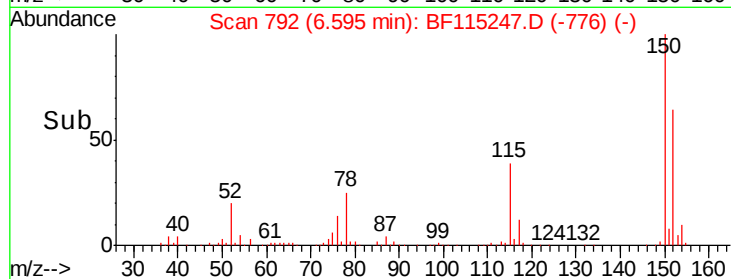
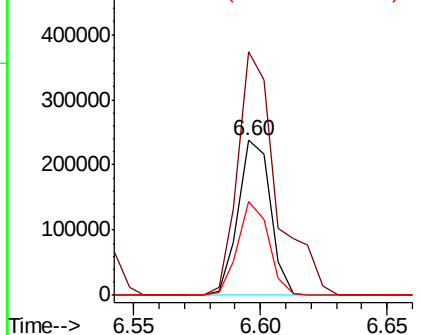


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.874 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.05 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

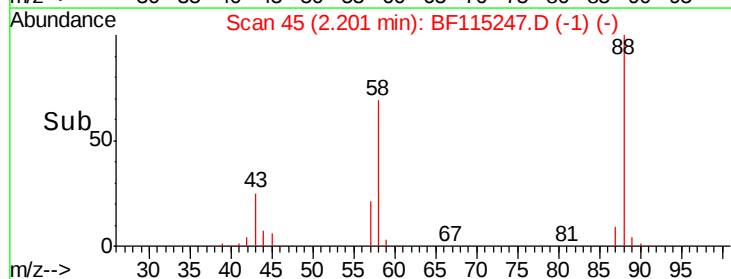
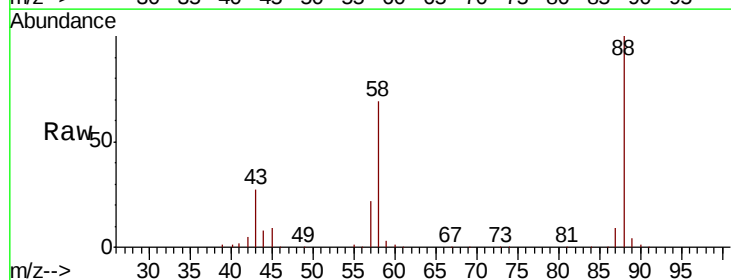
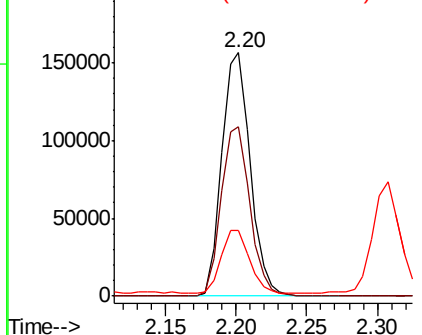
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	56.1	84.1
43	26.3	21.3	31.9

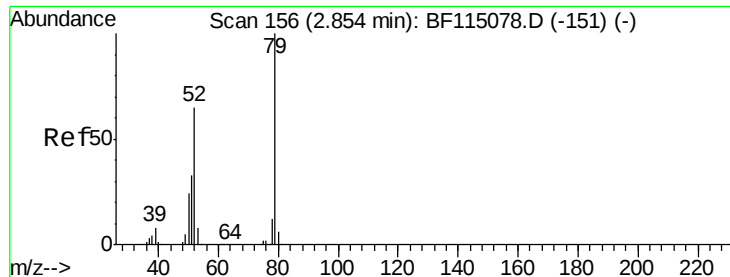
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.848 ng

RT: 2.87 min Scan# 159

Delta R.T. 0.07 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

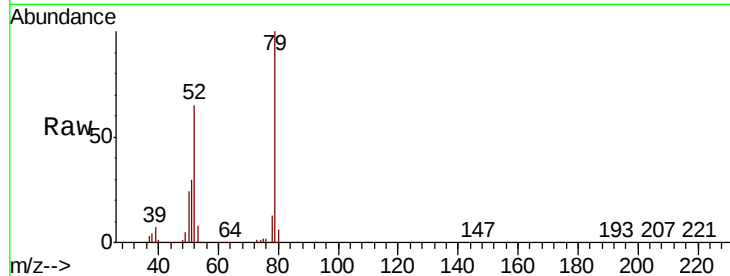
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

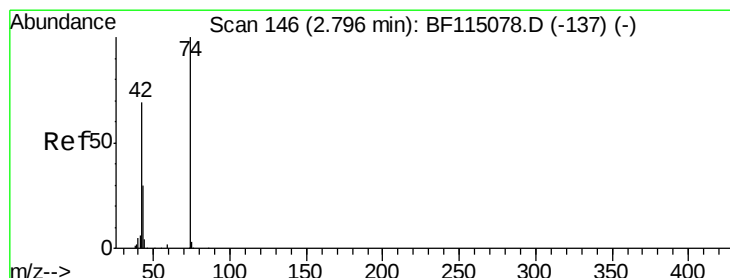
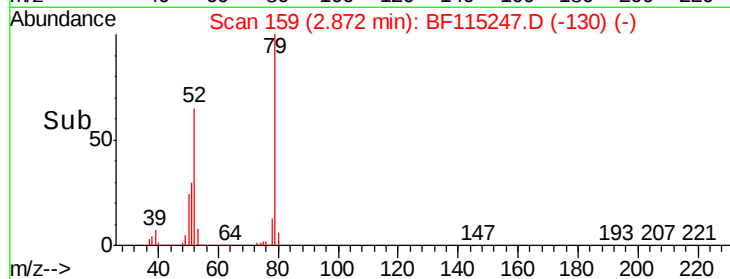
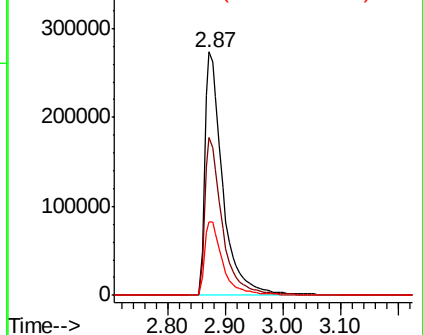
Tot Ion:	79	Resp:	598279
Ion	Ratio	Lower	Upper
79	100		
52	65.0	52.3	78.5
51	30.4	26.1	39.1

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.297 ng

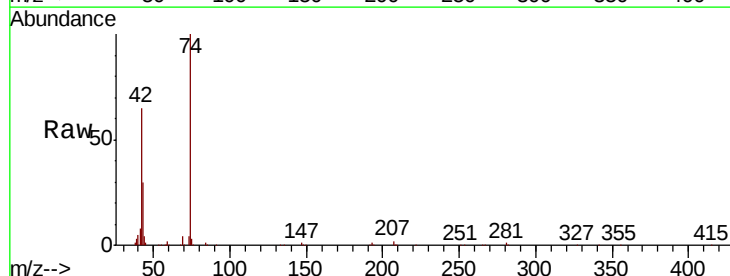
RT: 2.78 min Scan# 144

Delta R.T. 0.04 min

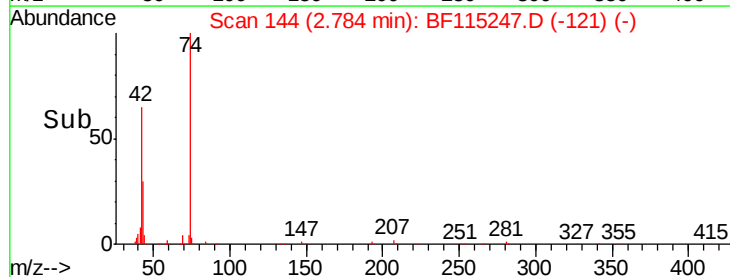
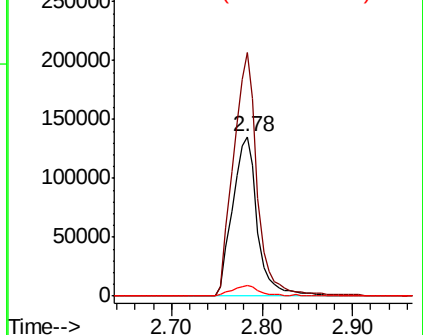
Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:	42	Resp:	259169
Ion	Ratio	Lower	Upper
42	100		
74	152.9	116.6	175.0
44	6.5	5.3	7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.678 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

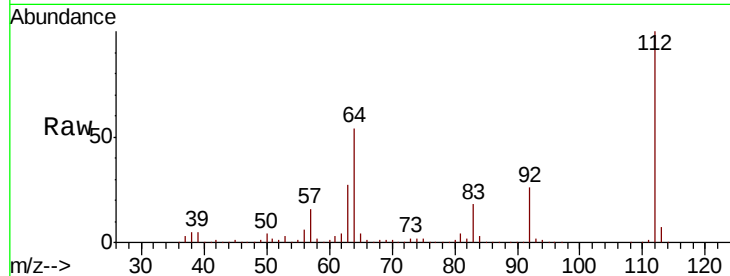
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

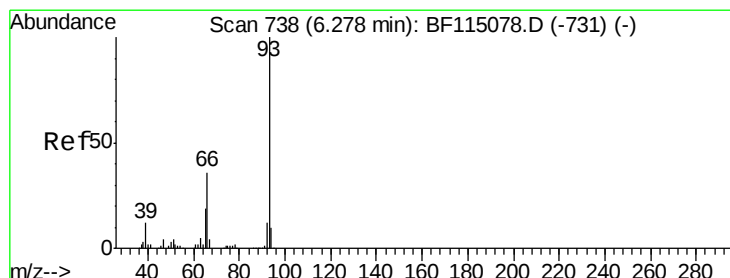
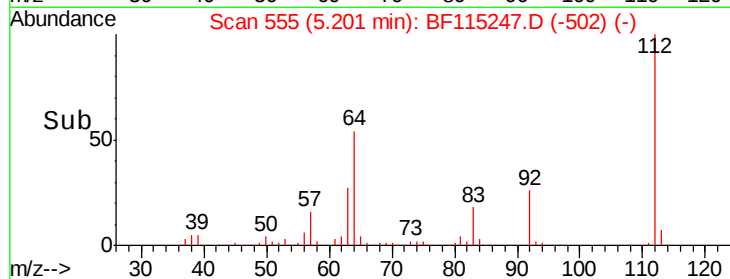
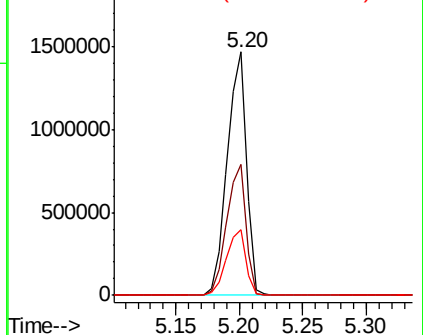
Tot Ion:	112	Resp:	1542842
Ion Ratio	Lower	Upper	
112	100		
64	53.8	43.8	65.6
63	27.2	22.2	33.4

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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: 22.251 ng

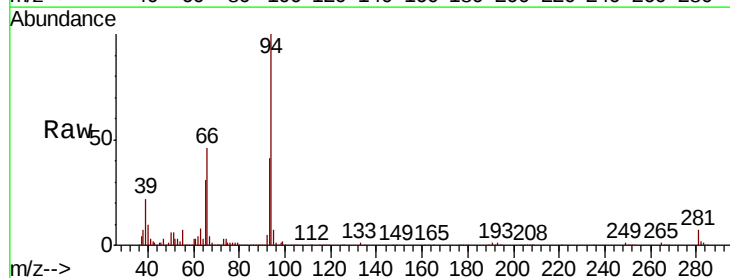
RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

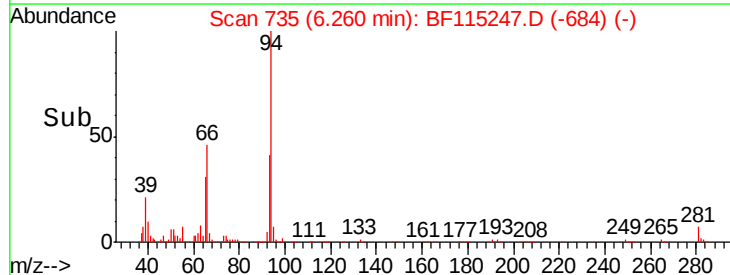
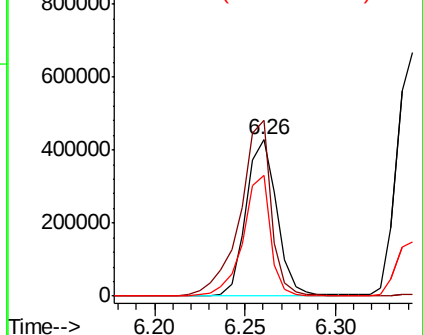
Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:	93	Resp:	508246
Ion Ratio	Lower	Upper	
93	100		
66	112.5	30.0	45.0#
65	76.8	15.6	23.4#



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: 102.541 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

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OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 99 Resp: 1704168

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

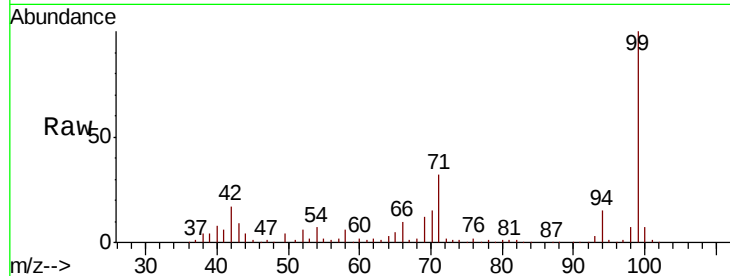
71 31.9 25.5 38.3

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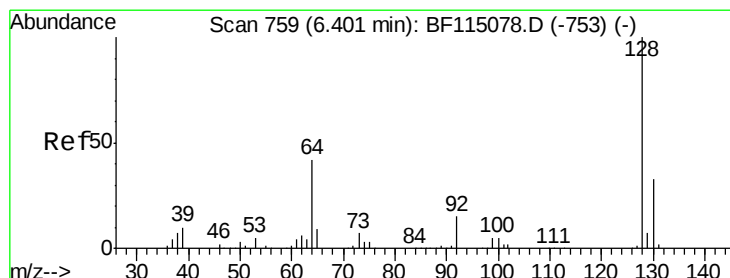
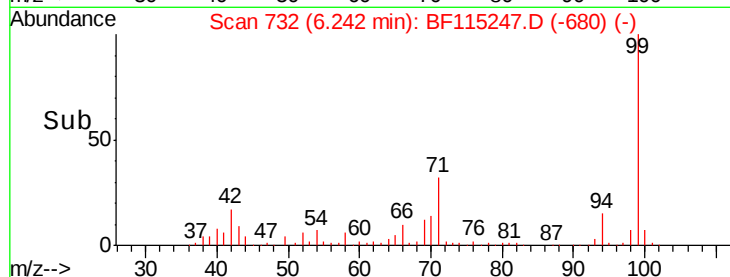
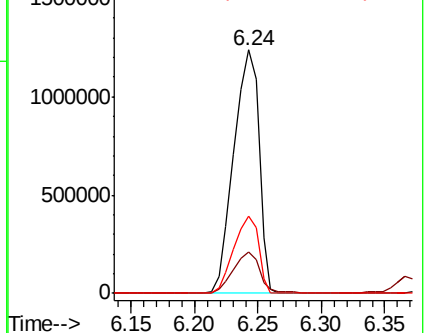
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.157 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

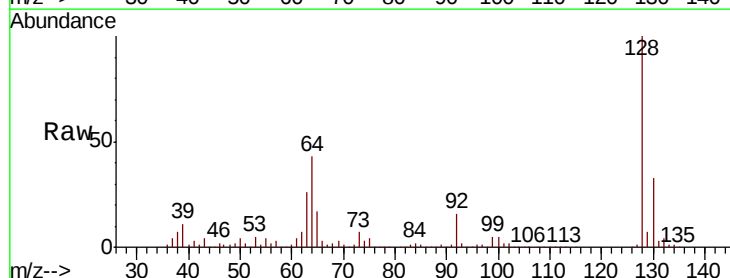
Tgt Ion:128 Resp: 572088

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

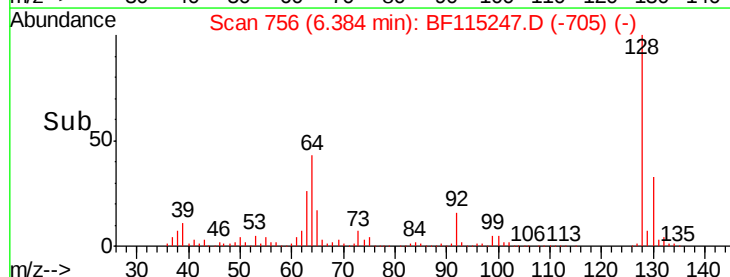
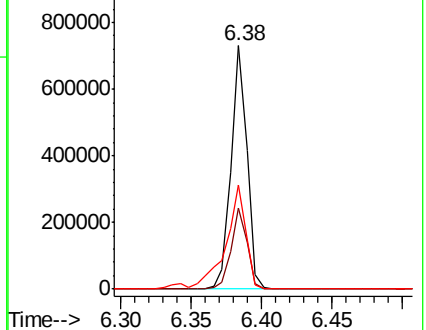
64 42.9 22.9 62.9

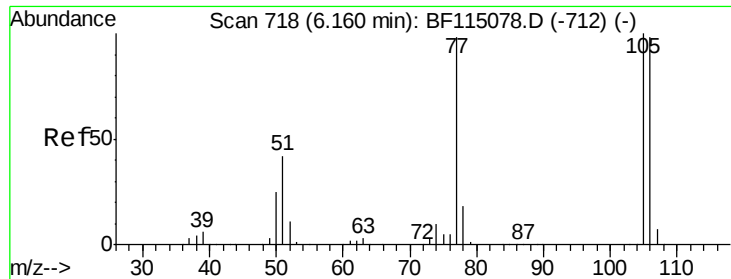


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.638 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

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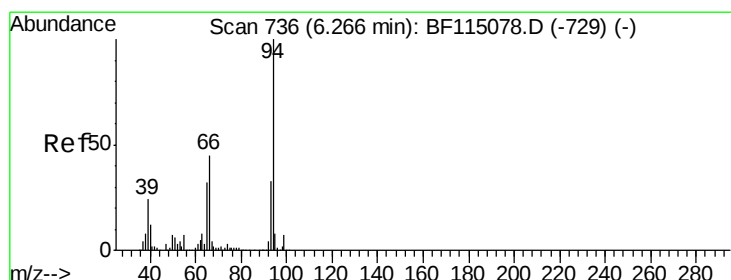
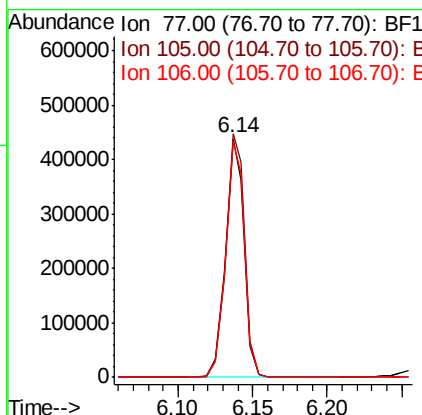
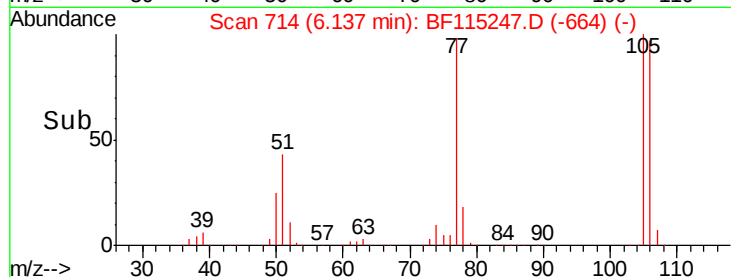
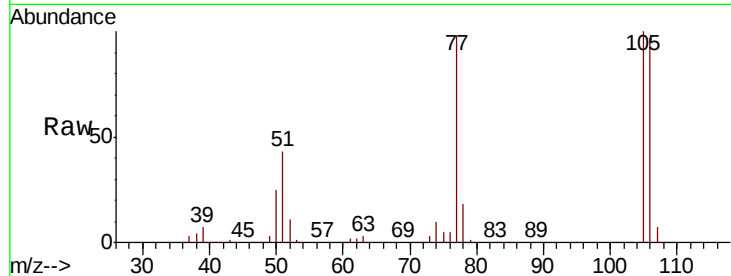
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIMENT

Tot Ion:	77	Resp:	386410
Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.5	121.5
106	98.8	79.7	119.7

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#10

Phenol

Concen: 51.055 ng

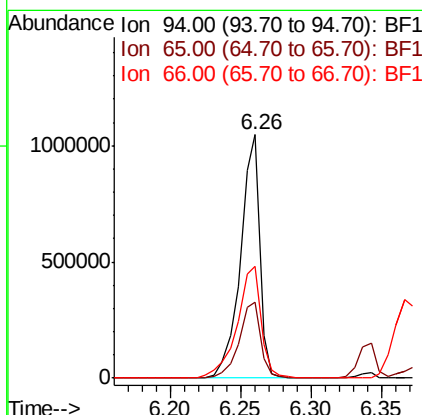
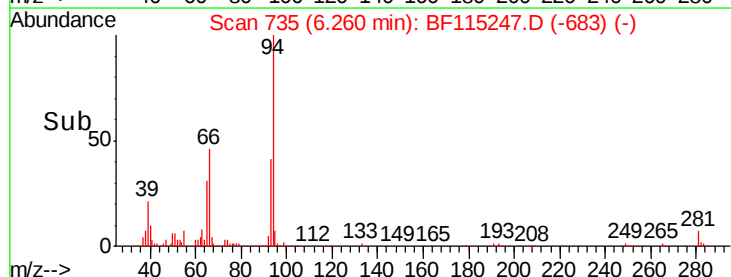
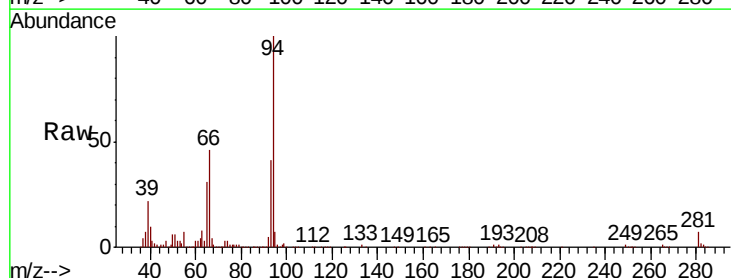
RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:	94	Resp:	993920
Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.9	51.9
66	46.0	25.2	65.2





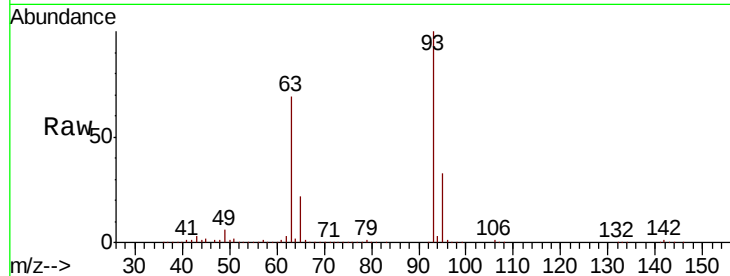
#11
bis(2-Chloroethyl)ether
Concen: 38.511 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

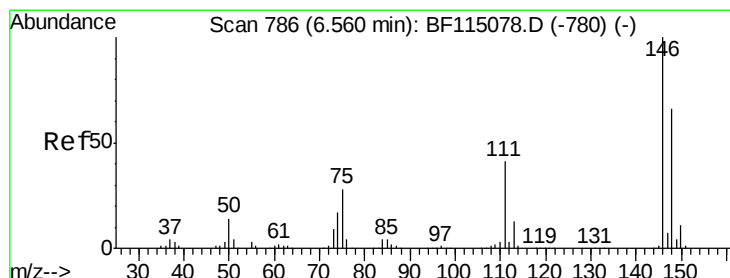
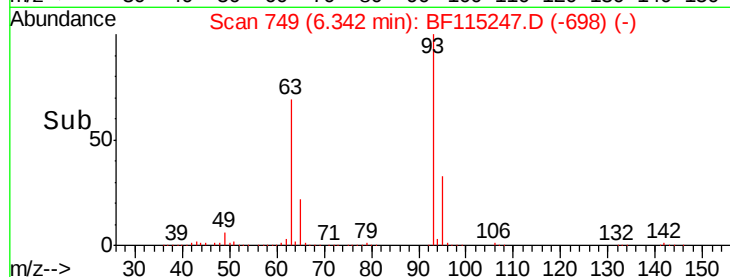
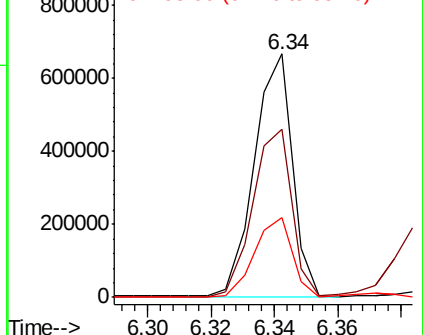
Tot Ion:	93	Resp:	552646
Ion	Ratio	Lower	Upper
93	100		
63	69.3	51.5	91.5
95	32.8	13.4	53.4

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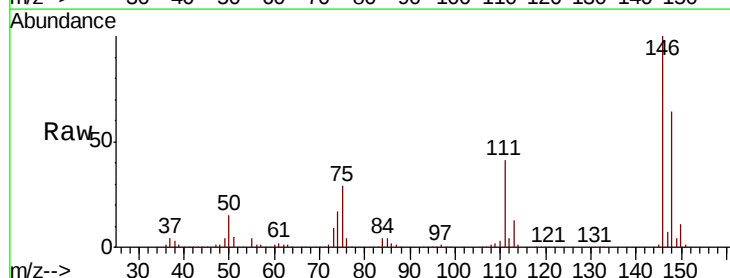


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

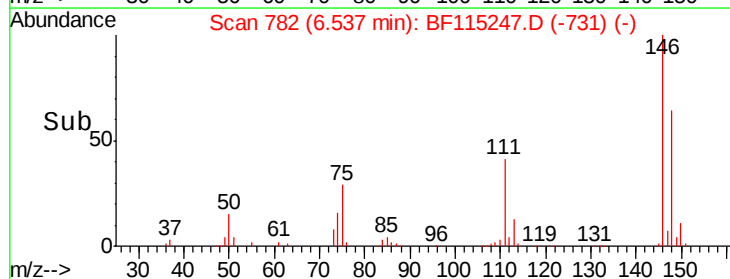
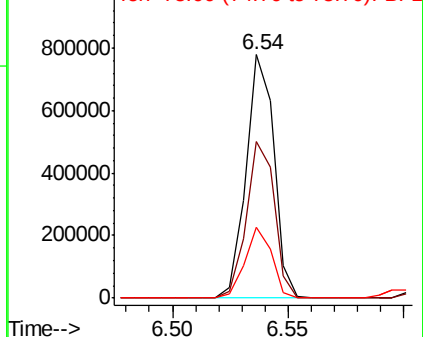


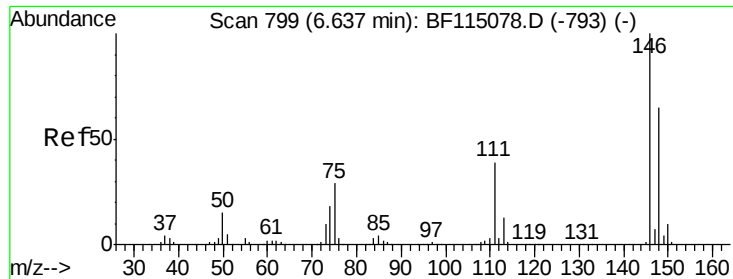
#12
1,3-Dichlorobenzene
Concen: 38.605 ng
RT: 6.54 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:	146	Resp:	659650
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
75	28.9	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





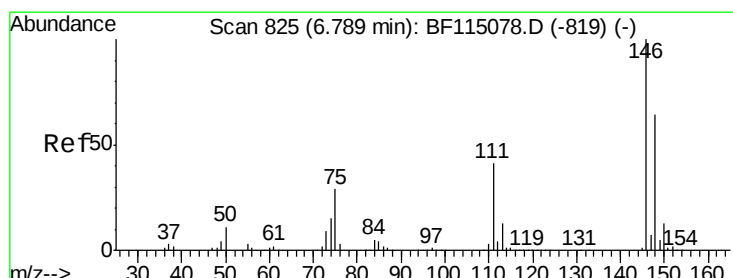
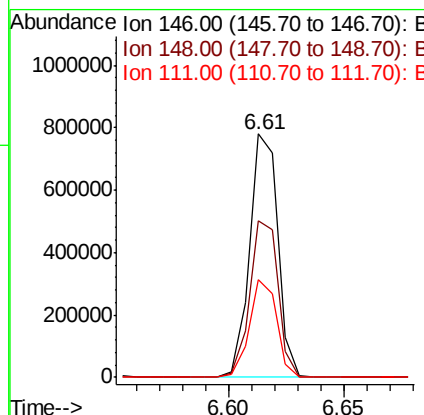
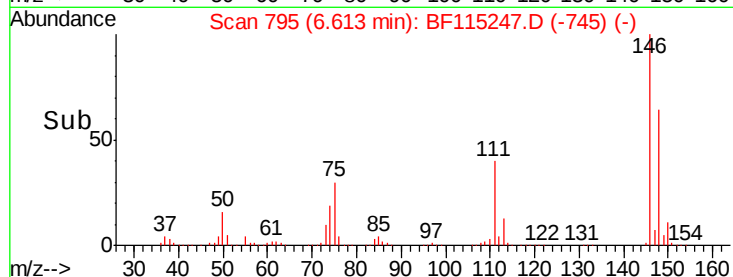
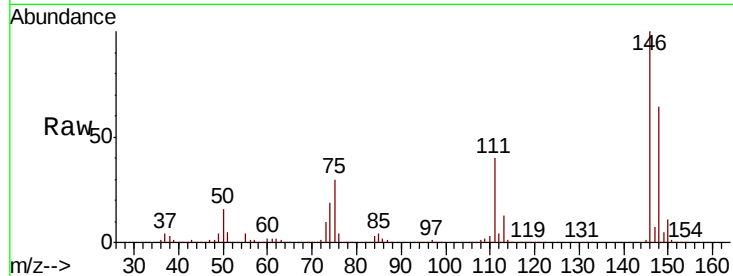
#13
1,4-Dichlorobenzene
Concen: 38.939 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	40.3	31.4	47.0

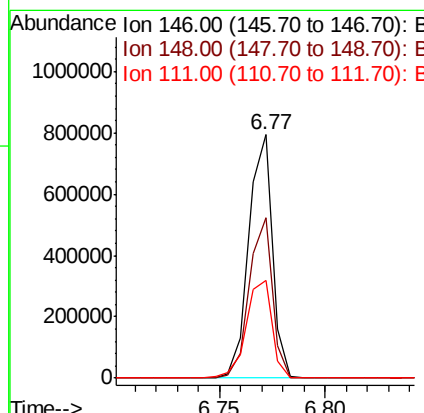
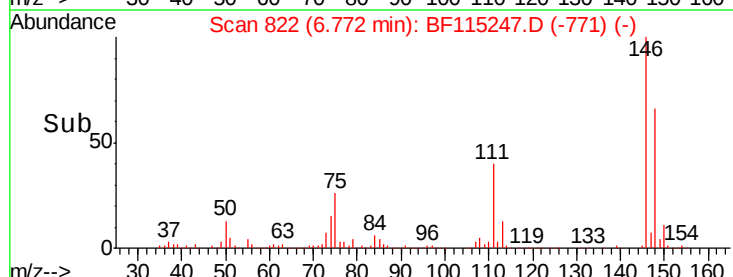
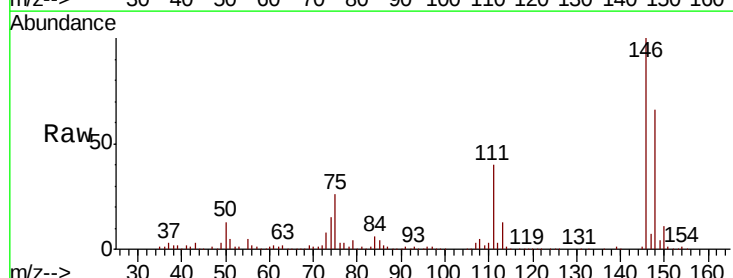
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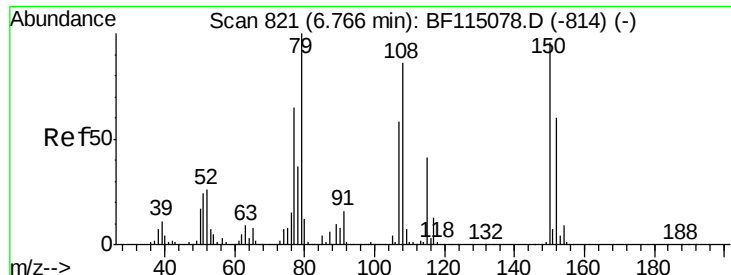
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#14
1,2-Dichlorobenzene
Concen: 38.771 ng
RT: 6.77 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.1	76.7
111	40.2	33.2	49.8





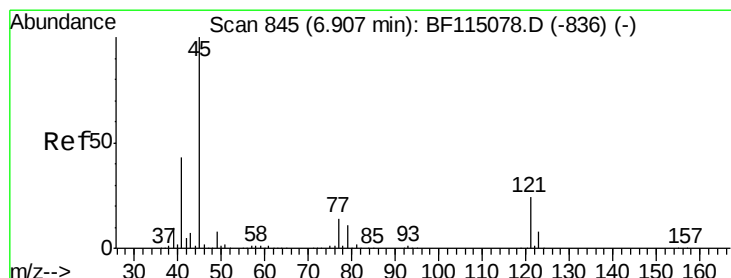
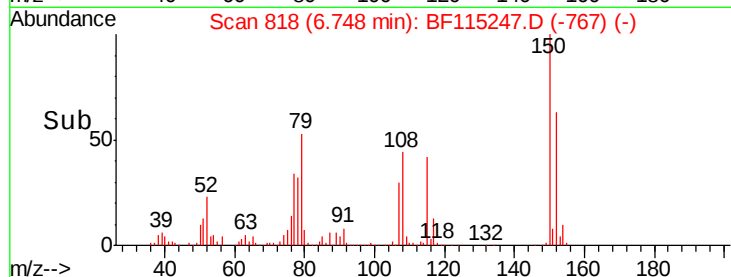
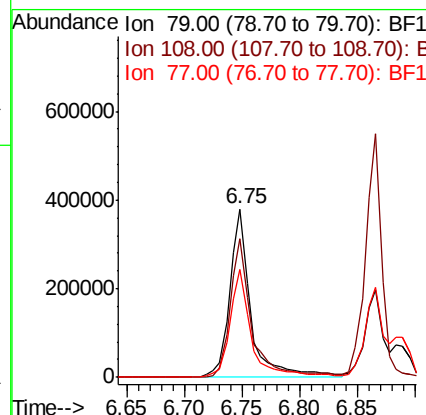
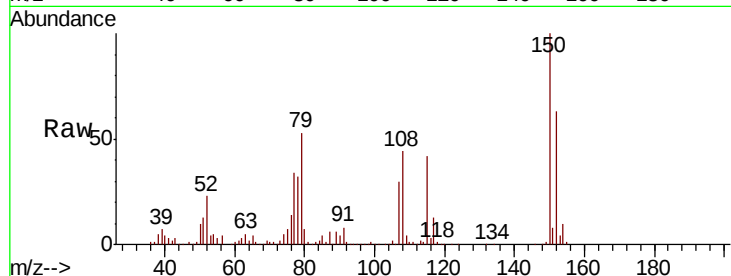
#15
Benzyl Alcohol
Concen: 39.782 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	68.7	103.1
77	64.2	51.7	77.5

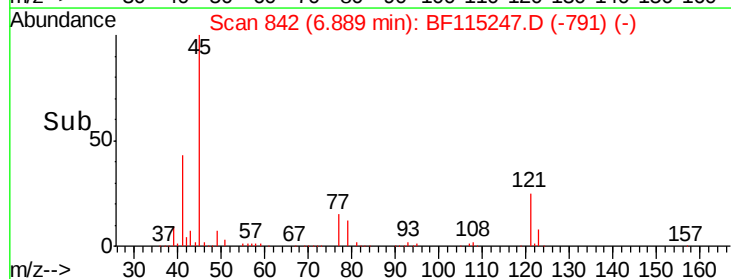
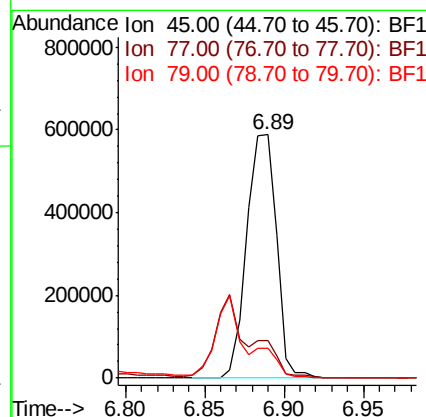
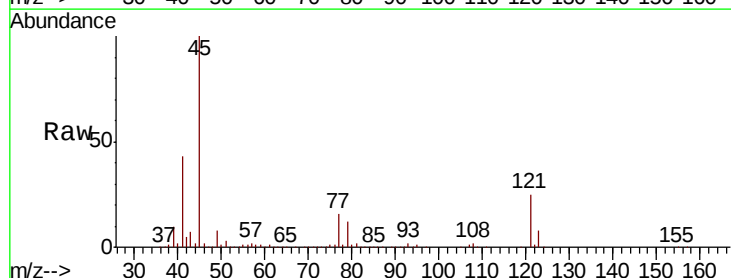
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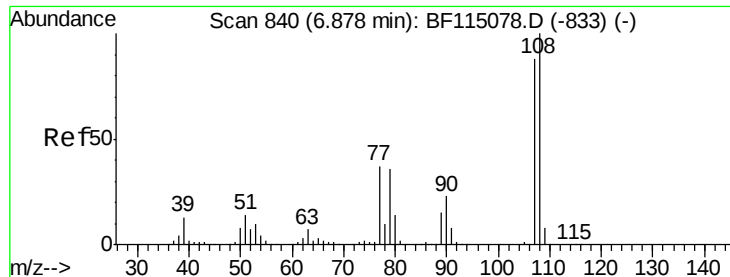
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.741 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.6
79	12.0	0.0	31.2





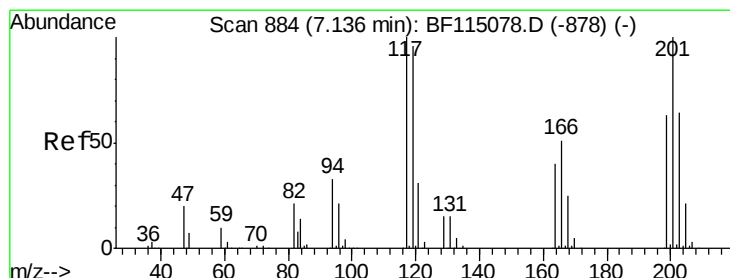
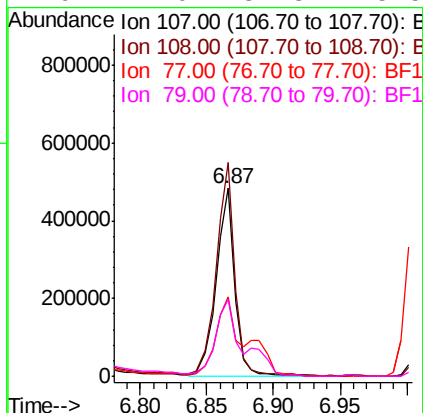
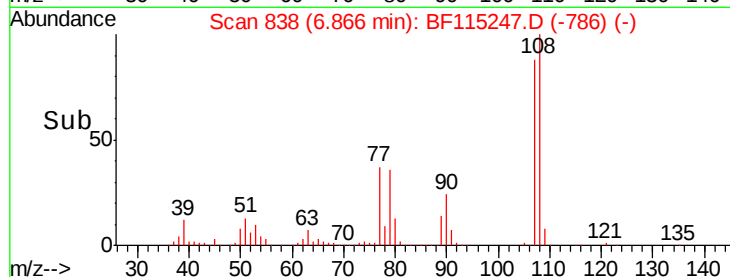
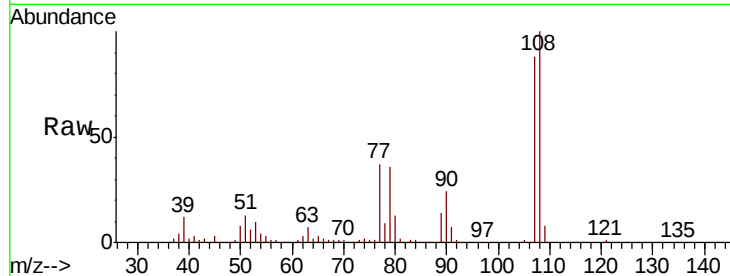
#17
2-Methylphenol
Concen: 37.151 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	90.9	136.3	
77	42.1	33.4	50.2	
79	41.0	32.3	48.5	

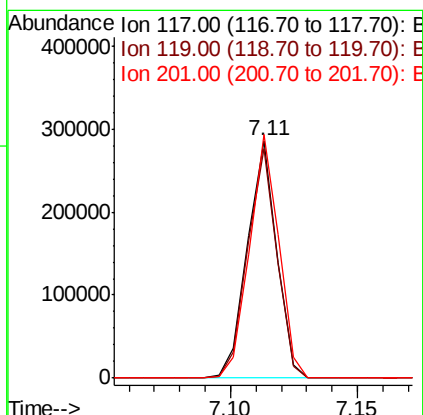
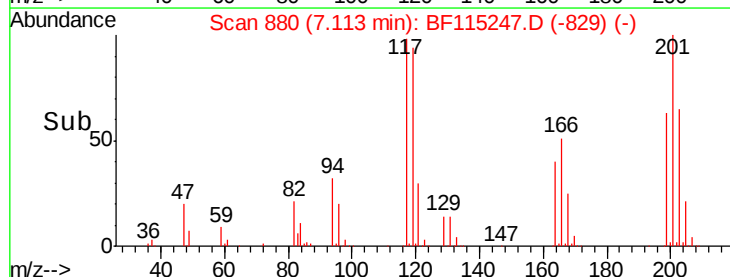
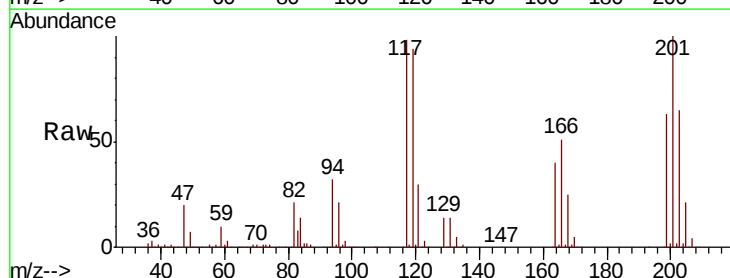
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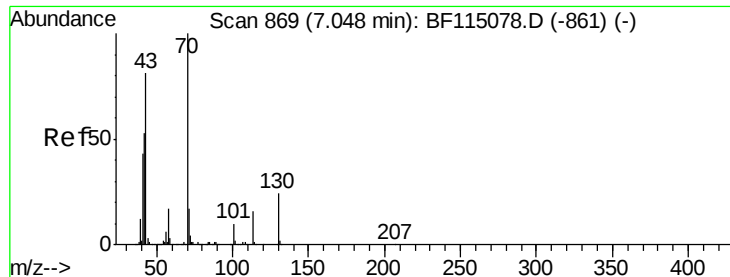
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#18
Hexachloroethane
Concen: 37.242 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.6	114.8	
201	102.5	80.2	120.2	





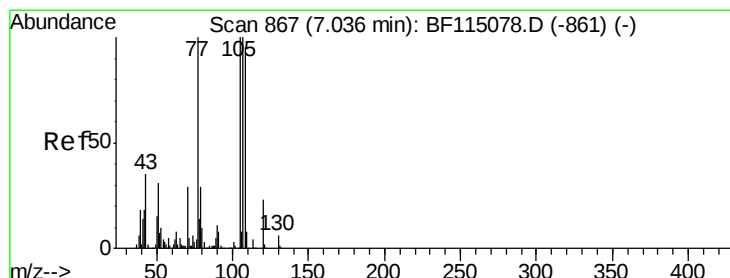
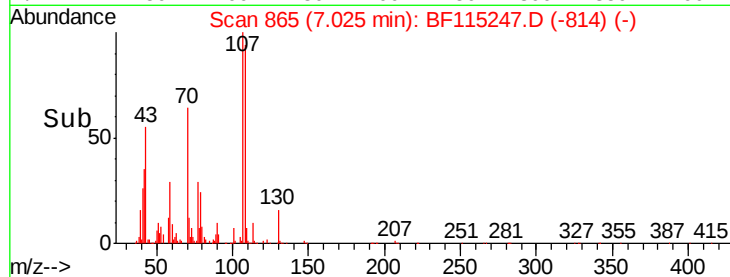
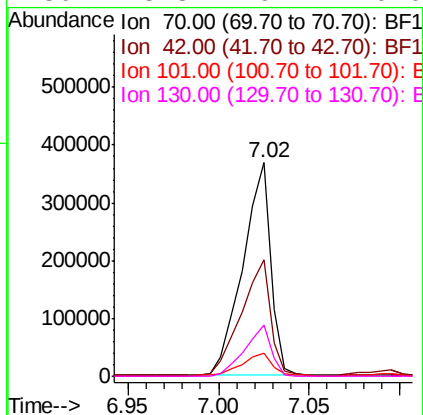
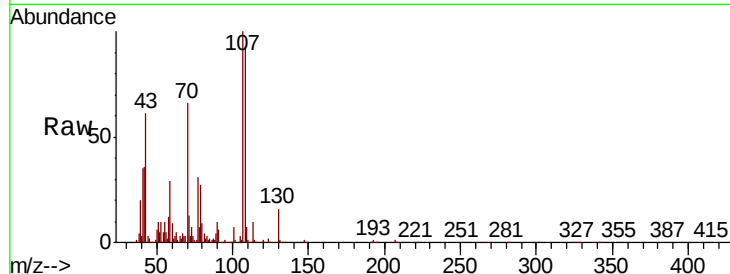
#19
n-Nitroso-di-n-propylamine
Concen: 37.075 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	42.6	63.8	
101	11.0	8.0	12.0	
130	23.8	19.4	29.0	

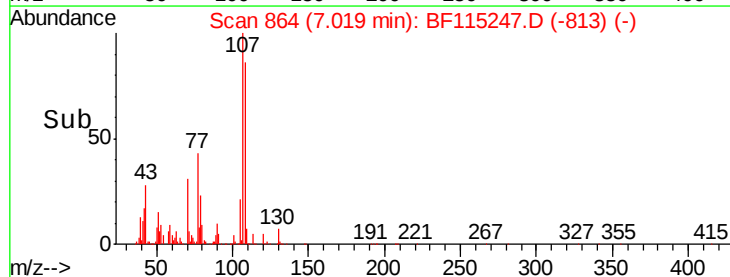
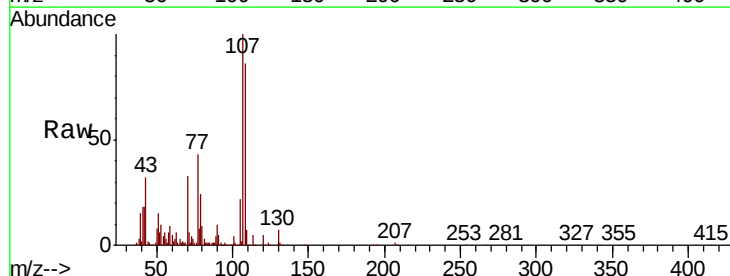
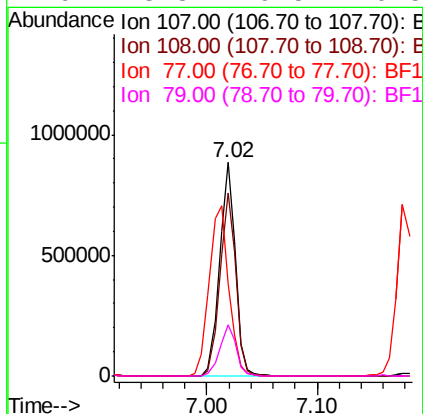
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#20
3+4-Methylphenols
Concen: 59.636 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.5	75.5	115.5	
77	43.3	80.2	120.2	
79	23.8	9.5	49.5	





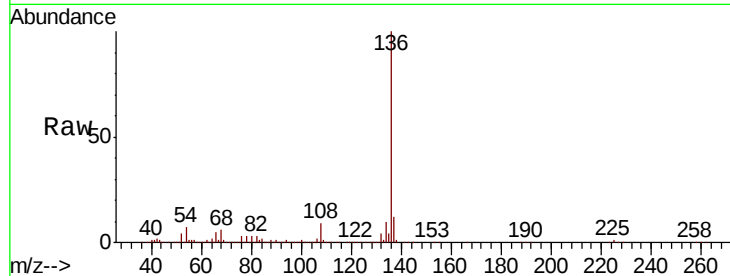
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

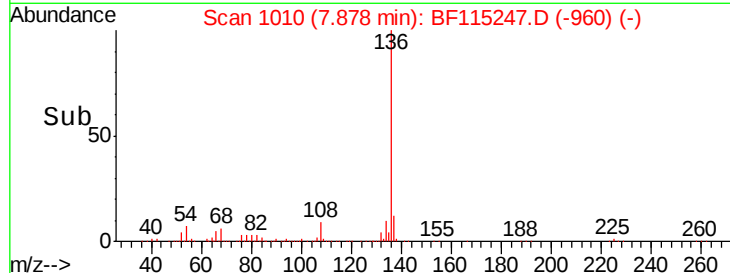
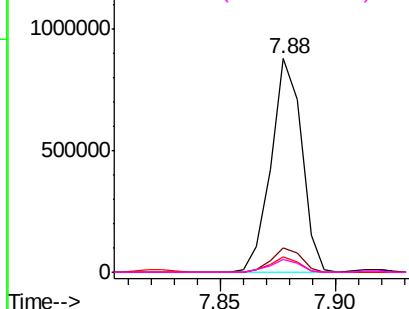
Tot Ion	Ratio	Resp	Lower	Upper
136	100	808906		
137	11.7		8.9	13.3
54	7.1		5.6	8.4
68	6.1		4.8	7.2

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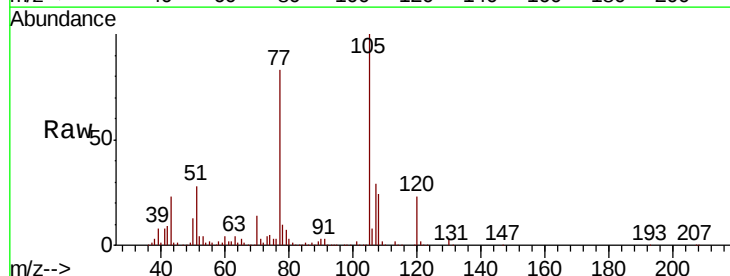
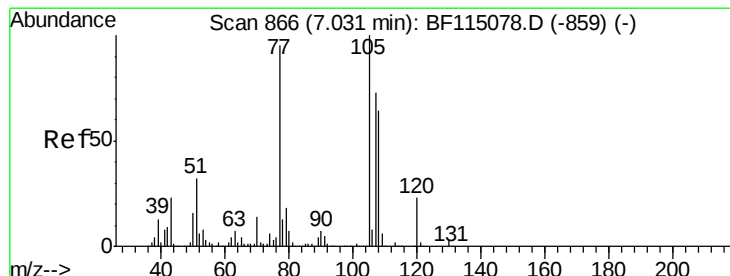
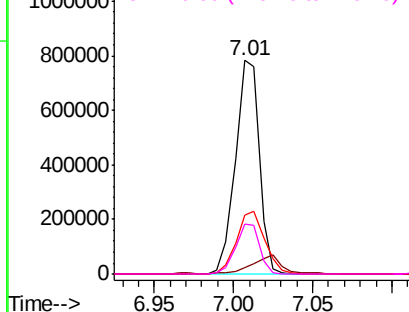
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

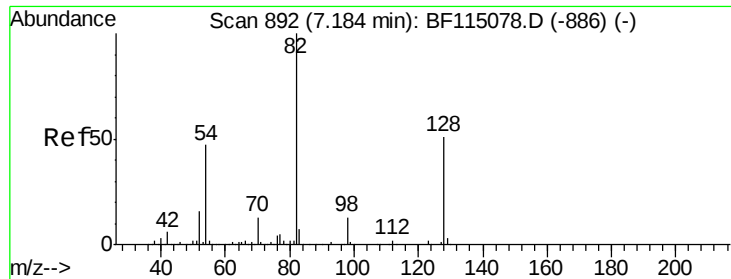


#22
Acetophenone
Concen: 44.017 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	815122		
71	3.0		1.9	2.9#
51	27.9		25.8	38.8
120	23.4		18.5	27.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





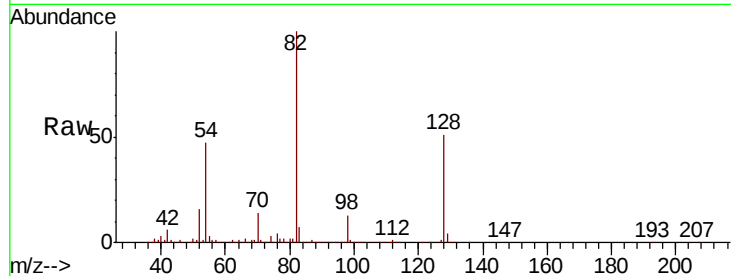
#23
 Nitrobenzene-d5
 Concen: 92.019 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

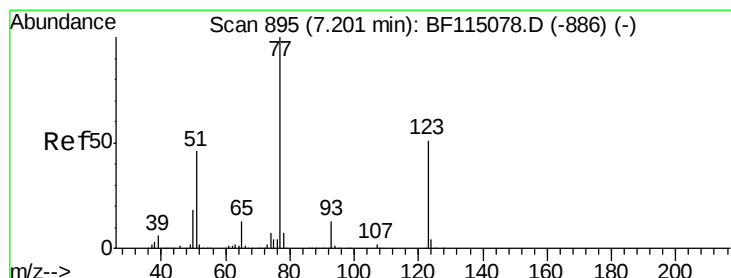
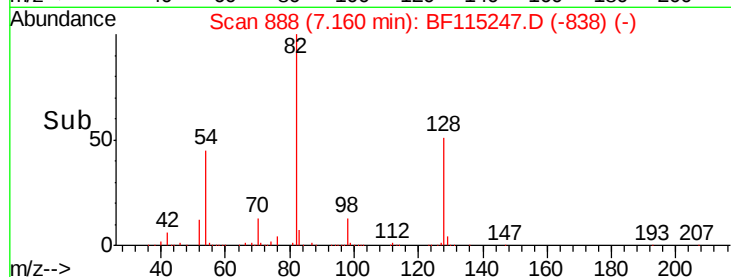
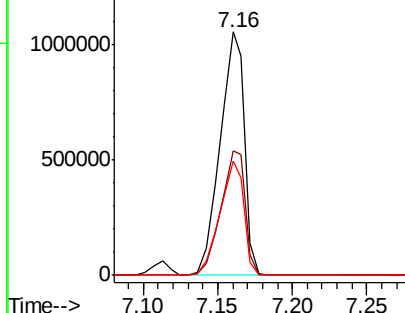
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.4	60.6
54	46.9	37.5	56.3

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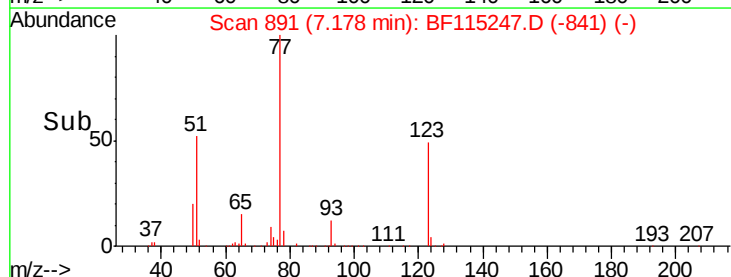
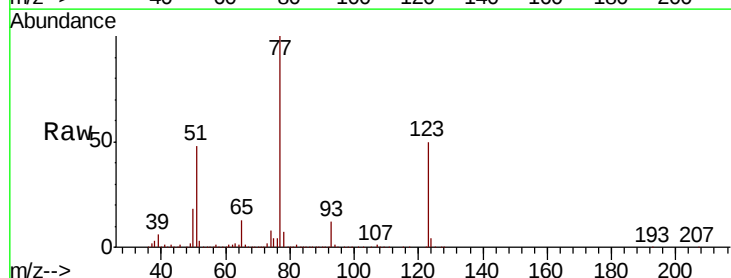
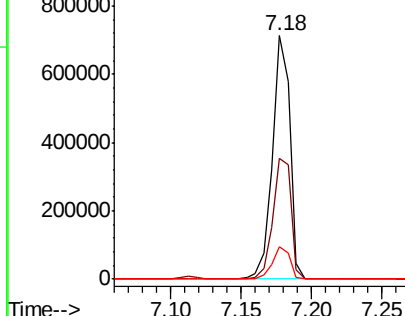
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

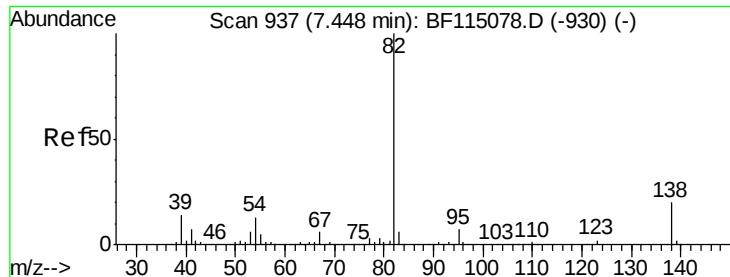


#24
 Nitrobenzene
 Concen: 42.820 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	41.0	61.6
65	13.1	10.5	15.7

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





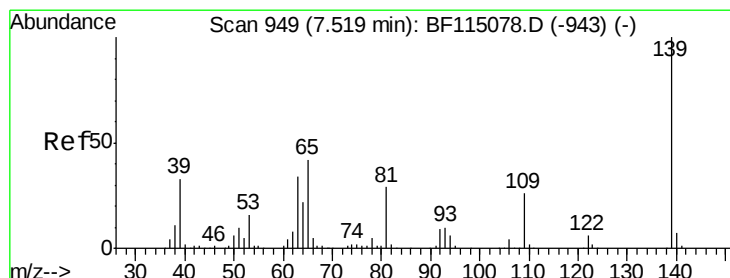
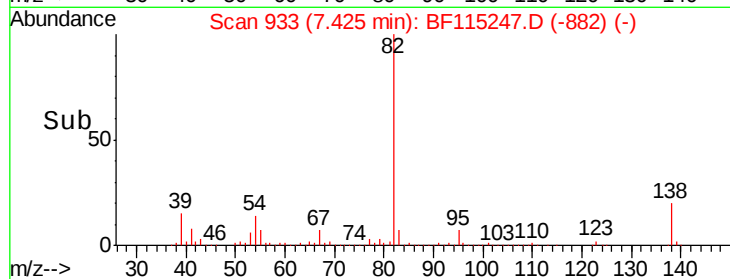
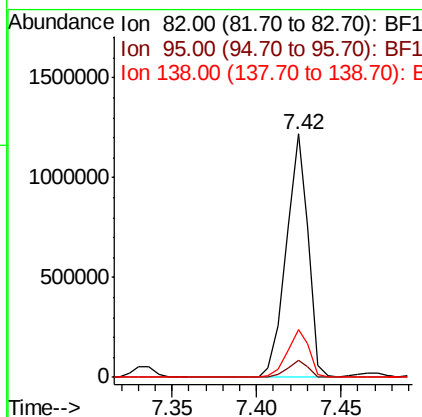
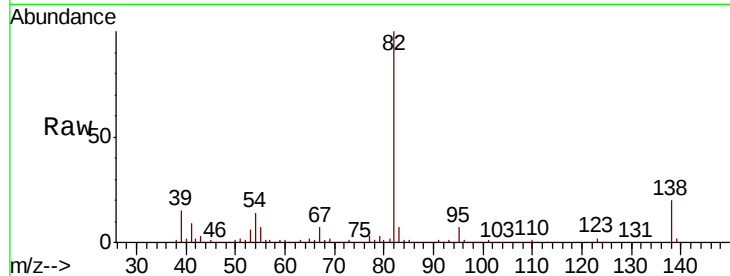
#25
Isophorone
Concen: 40.806 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 82 Resp: 1099205
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.7 15.9 23.9

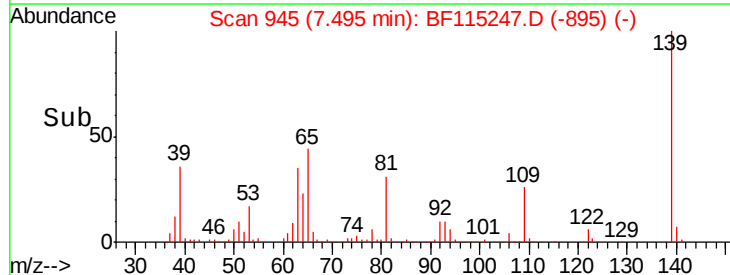
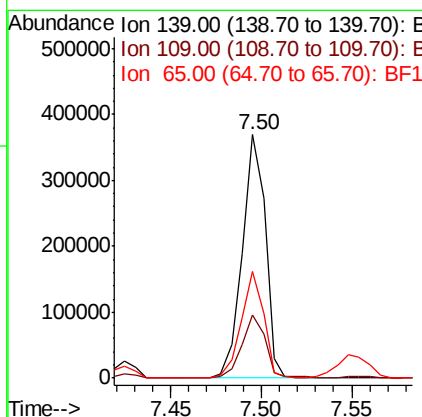
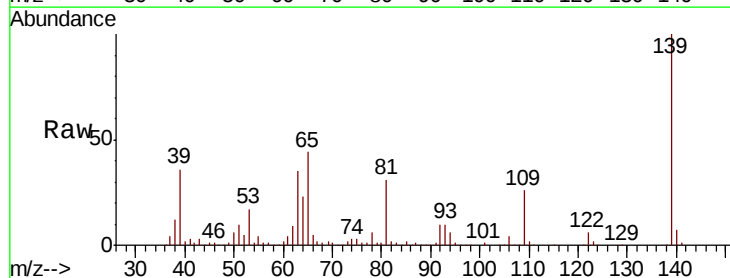
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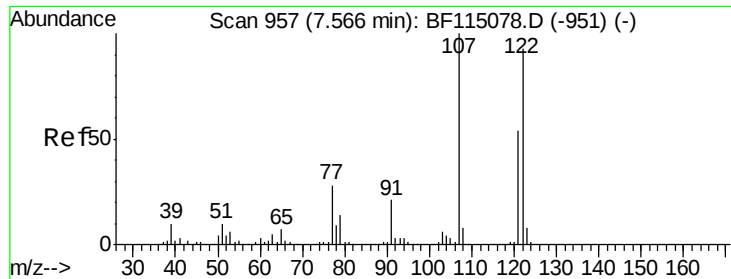
mohammad
6/28/2019 2:58:36 PM



#26
2-Nitrophenol
Concen: 45.567 ng
RT: 7.50 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion: 139 Resp: 325994
Ion Ratio Lower Upper
139 100
109 26.0 20.4 30.6
65 43.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 44.294 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

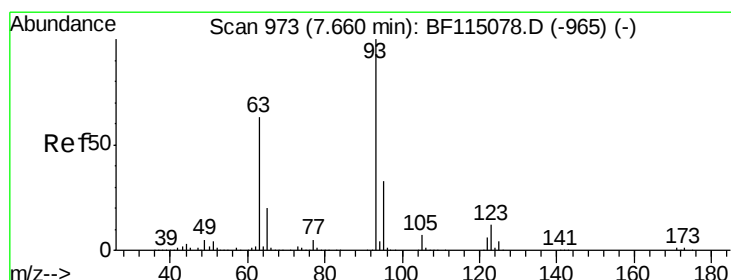
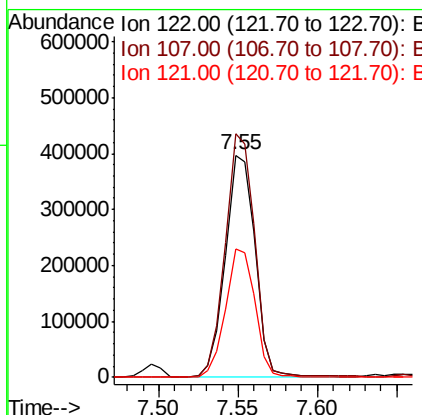
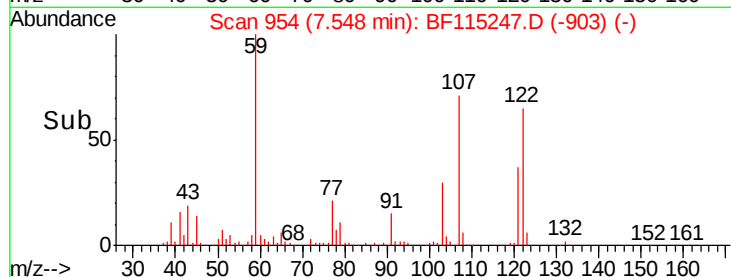
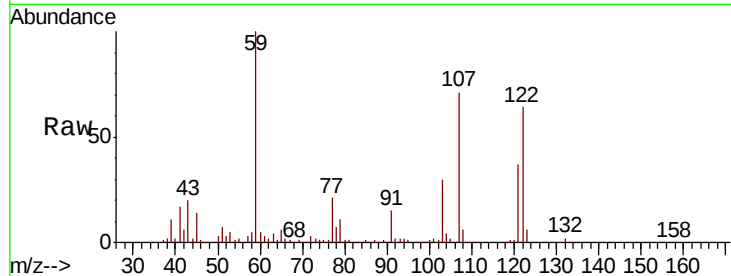
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	122	Resp:	518838
Ion Ratio	Lower	Upper	
122	100		
107	109.6	85.8	128.6
121	57.8	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.026 ng

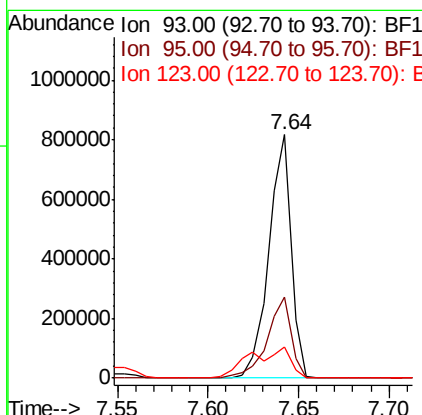
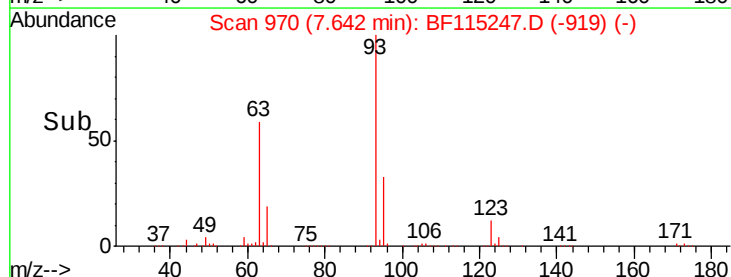
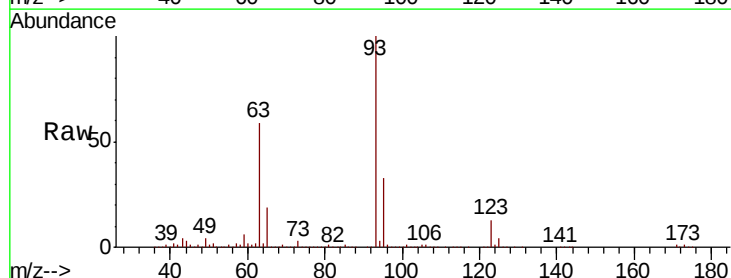
RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:	93	Resp:	698507
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	12.6	9.7	14.5





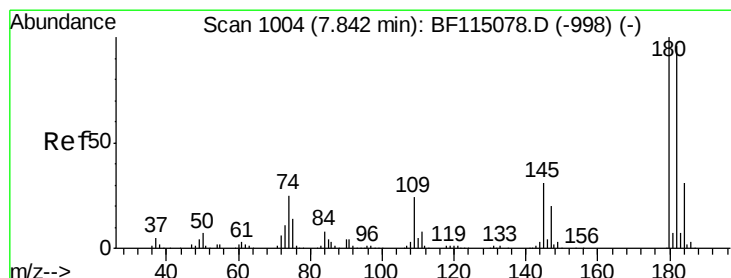
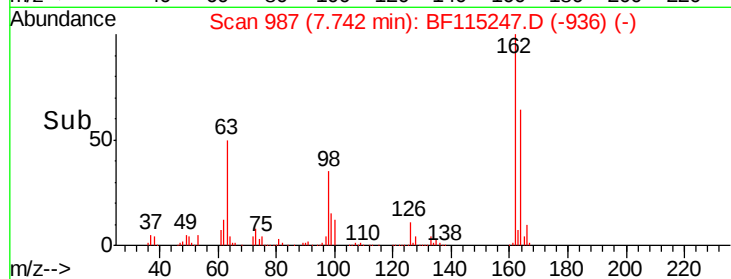
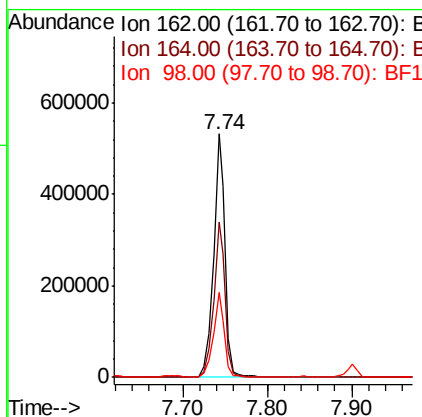
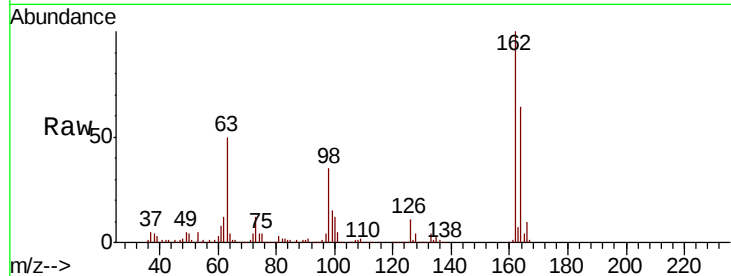
#29
2,4-Dichlorophenol
Concen: 42.831 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
162	100	517749		
164	63.5	45.3	85.3	
98	34.7	12.5	52.5	

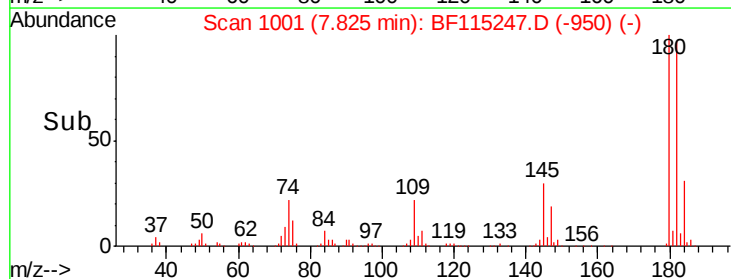
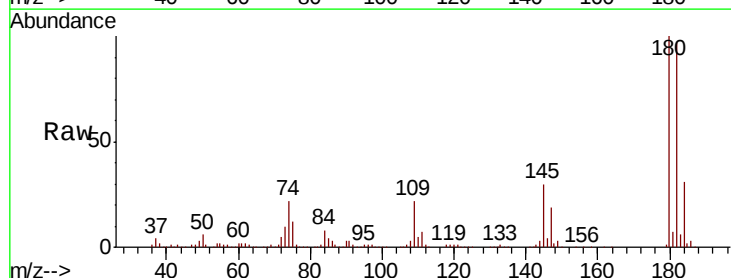
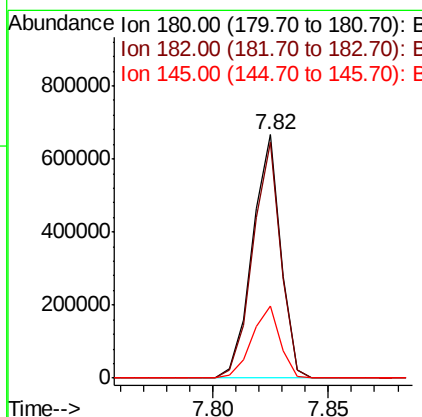
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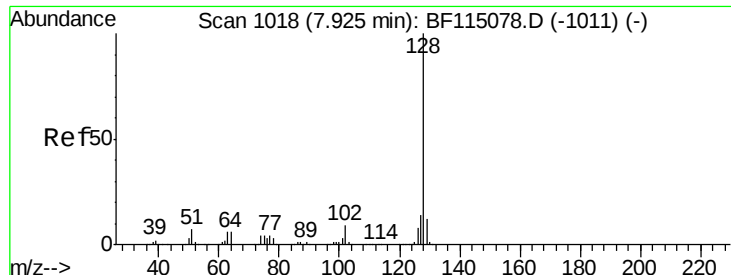
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#30
1,2,4-Trichlorobenzene
Concen: 42.690 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	570011		
182	97.1	76.4	114.6	
145	29.8	24.8	37.2	





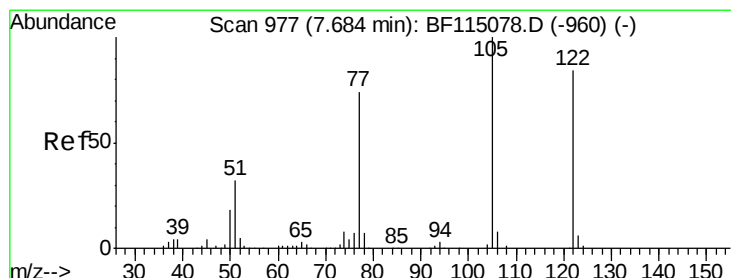
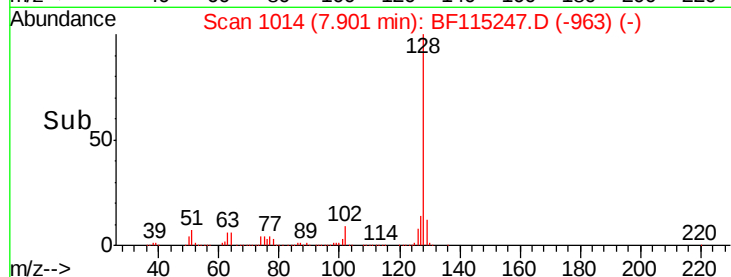
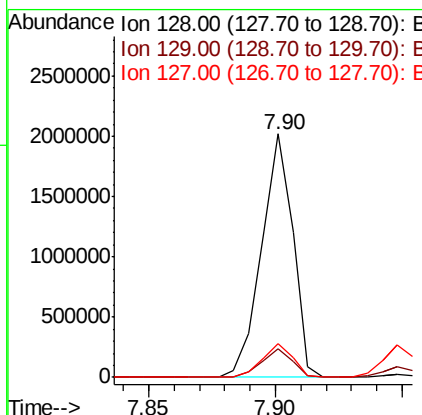
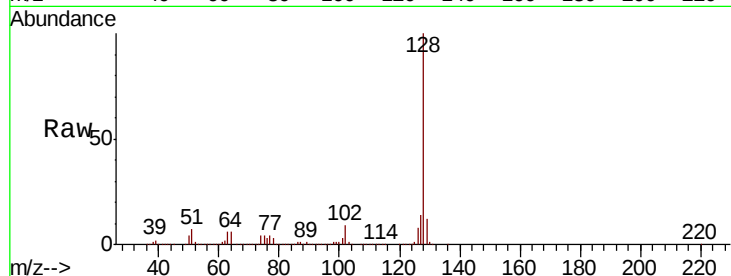
#31
Naphthalene
Concen: 43.963 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.0	11.4	17.0

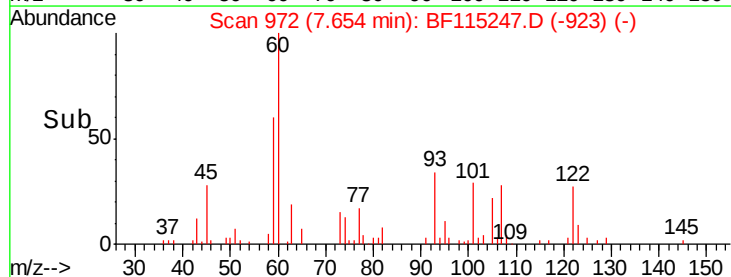
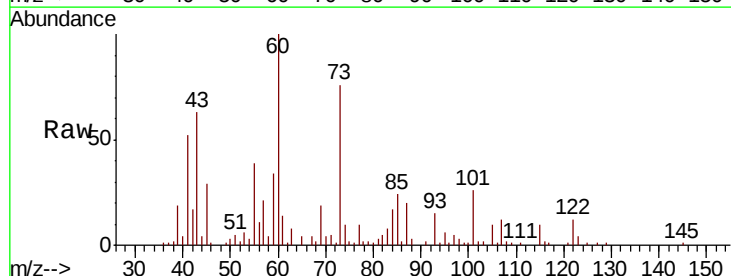
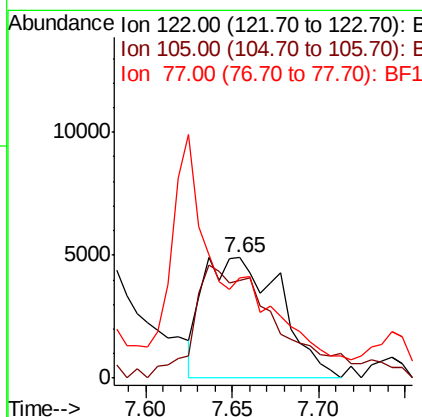
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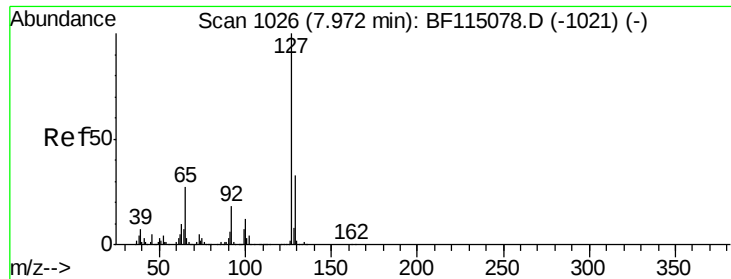
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#32
Benzoic acid
Concen: 1.827 ng m
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	81.6	98.2	138.2#
77	83.2	67.0	107.0





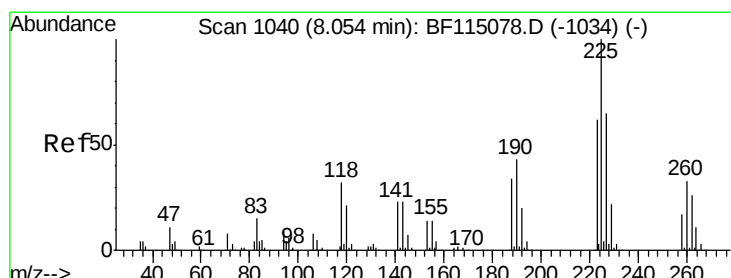
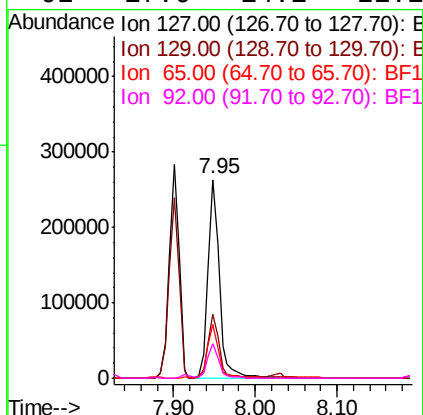
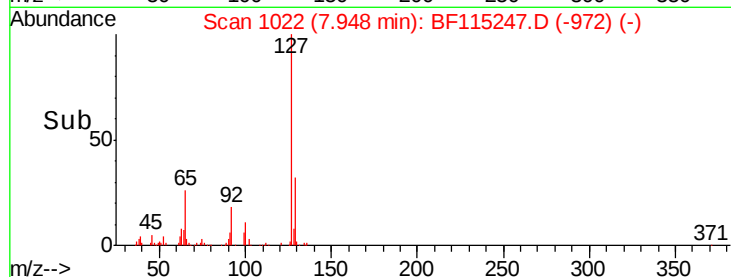
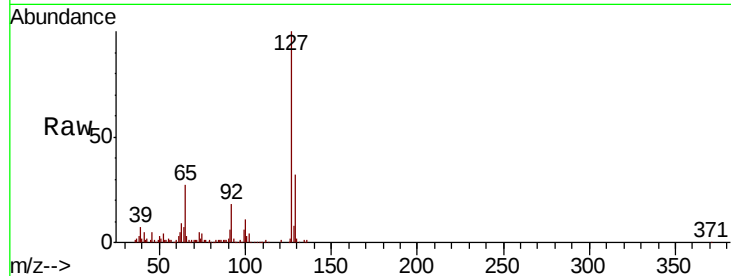
#33
4-Chloroaniline
Concen: 14.057 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		255090		
129	32.2	26.1	39.1		
65	26.8	21.4	32.2		
92	17.6	14.1	21.1		

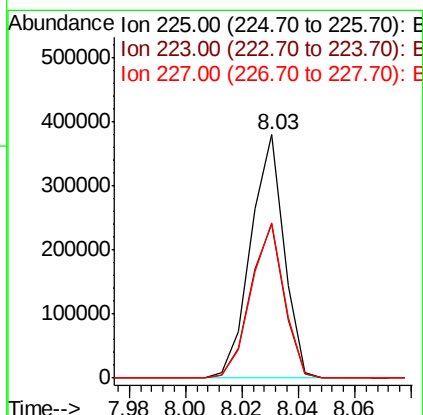
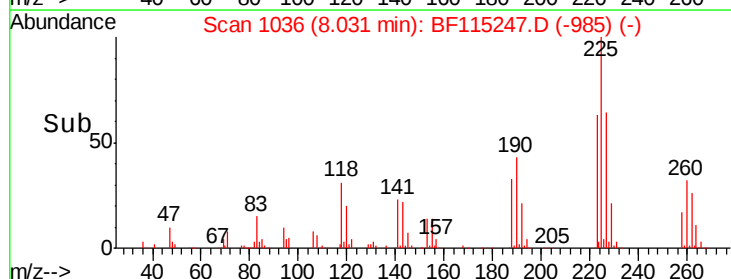
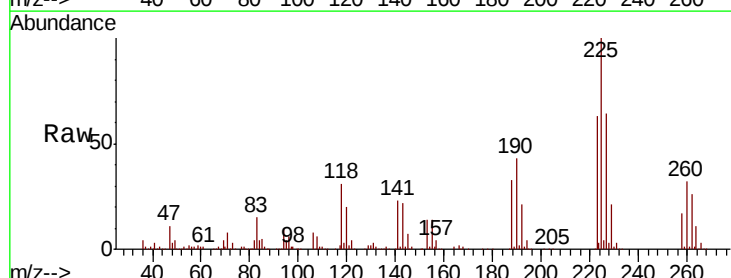
Manual Integrations
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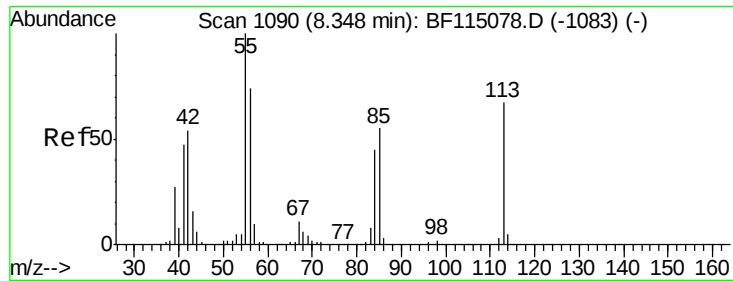
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#34
Hexachlorobutadiene
Concen: 42.301 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		309527		
223	63.1	49.4	74.2		
227	63.9	51.8	77.8		





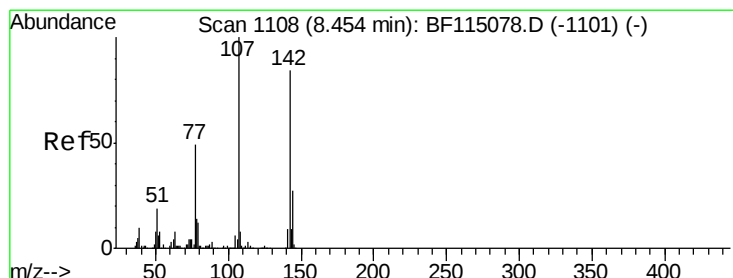
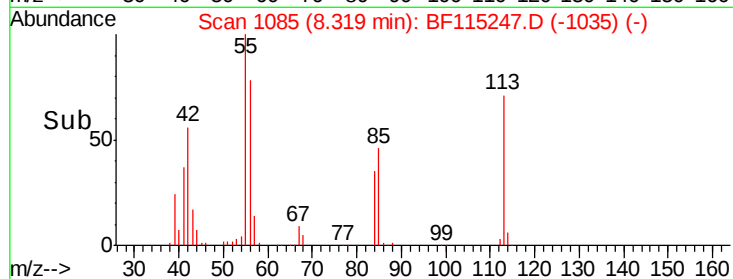
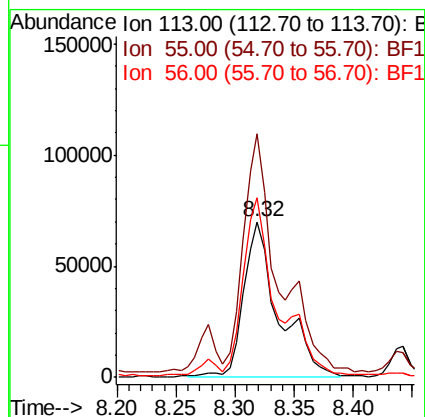
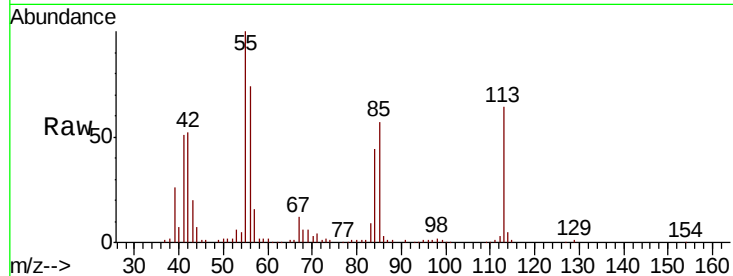
#35
Caprolactam
Concen: 35.657 ng/ml
RT: 8.32 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	156.3	130.2	170.2		
56	115.4	91.6	131.6		

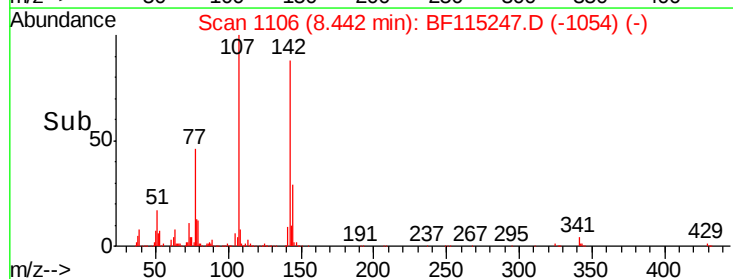
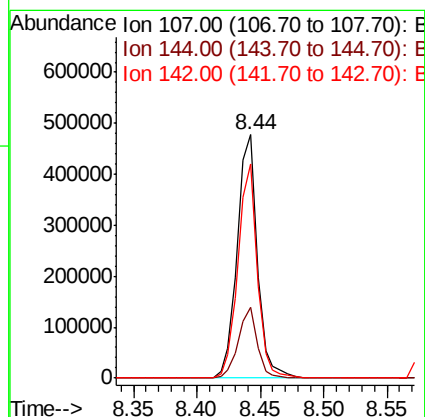
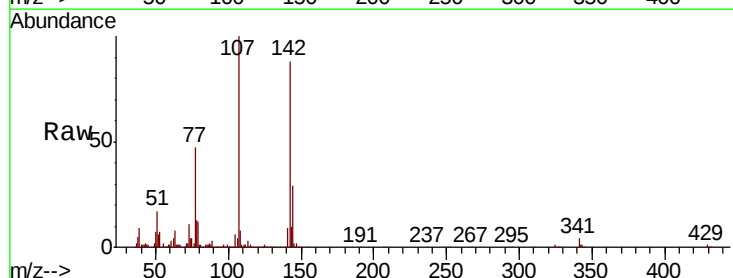
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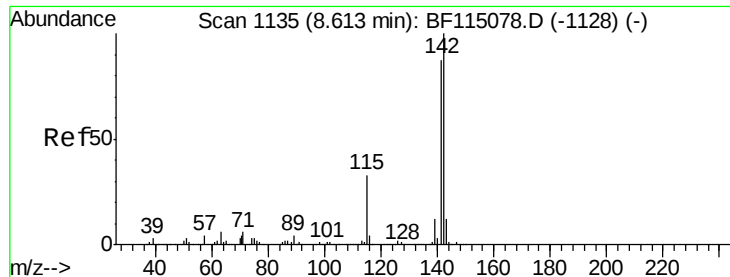
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.702 ng/ml
RT: 8.44 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.9	21.7	32.5		
142	88.2	67.0	100.4		





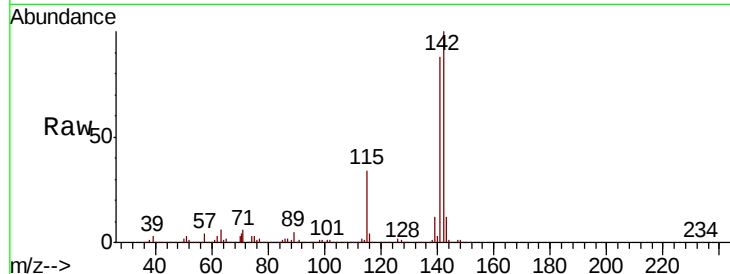
#37
2-Methylnaphthalene
Concen: 44.921 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.6
115	33.8	26.7	40.1

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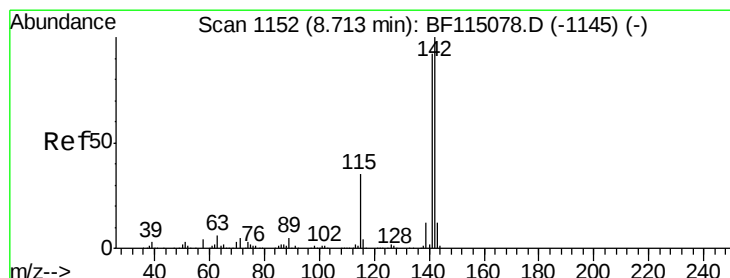
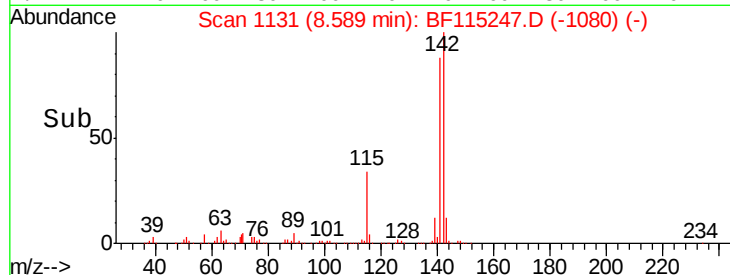
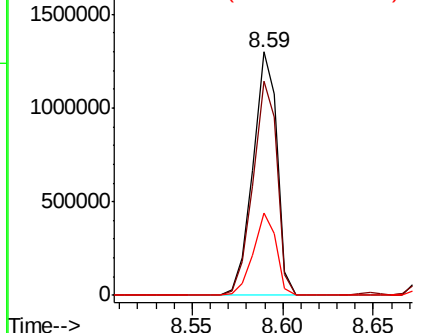


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.761 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

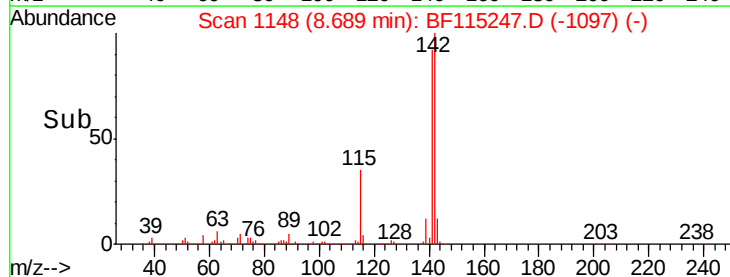
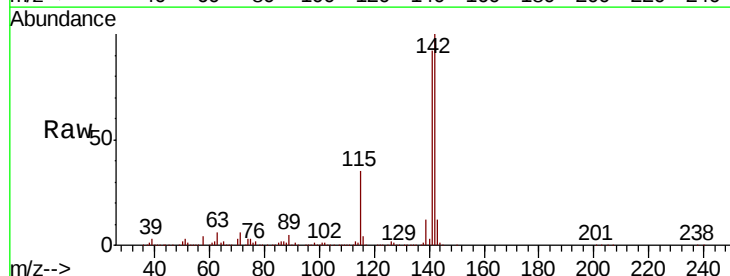
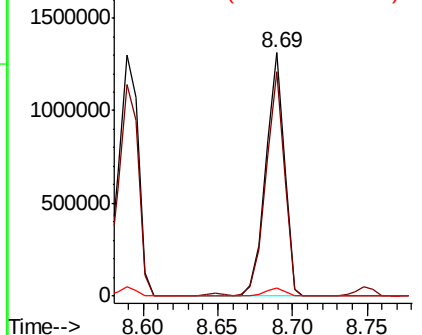
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
116	3.6	2.8	4.2

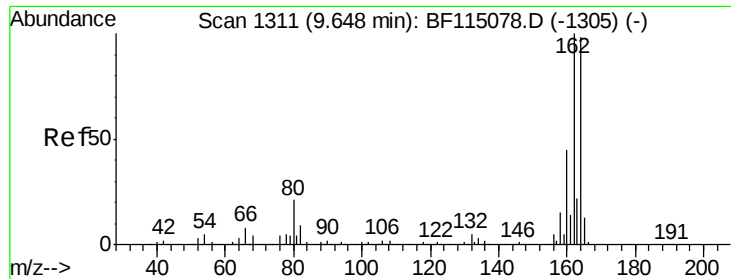
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





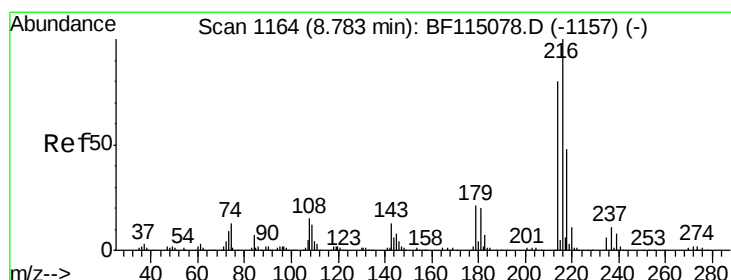
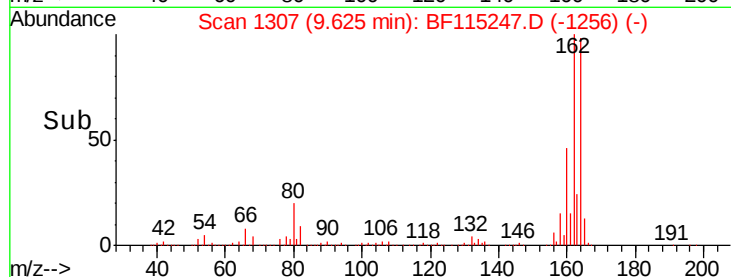
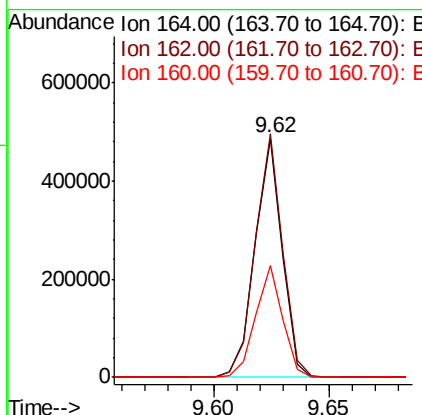
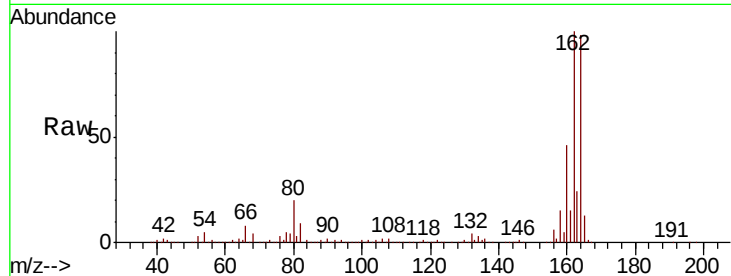
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	81.7	122.5	
160	47.0	37.0	55.4	

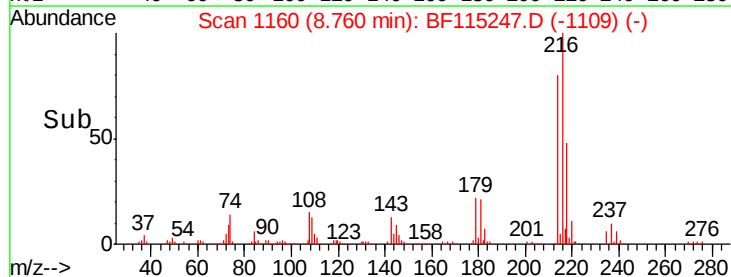
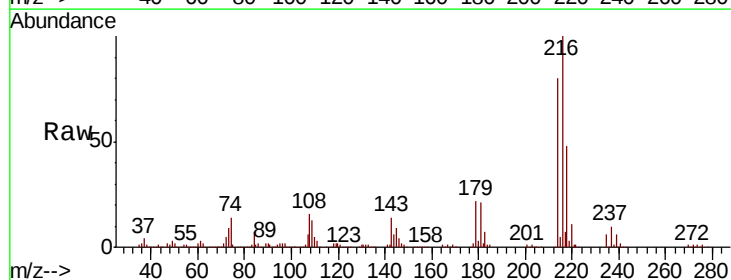
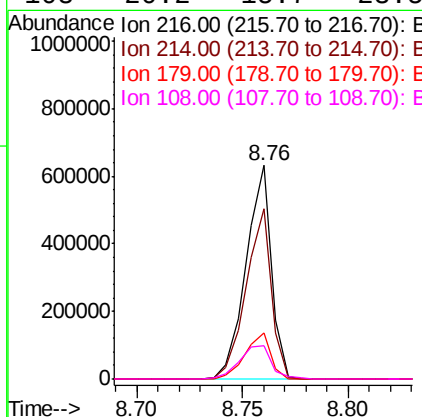
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.461 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.6	
179	21.9	17.6	26.4	
108	20.2	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 50.646 ng

RT: 8.75 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

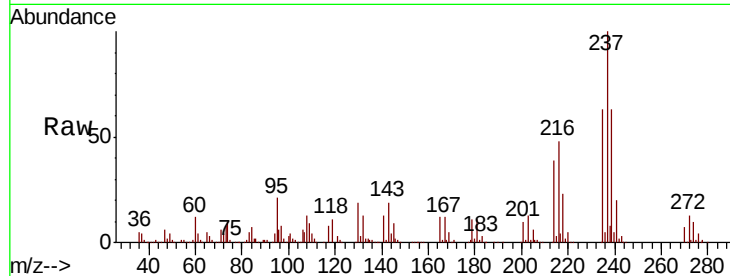
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

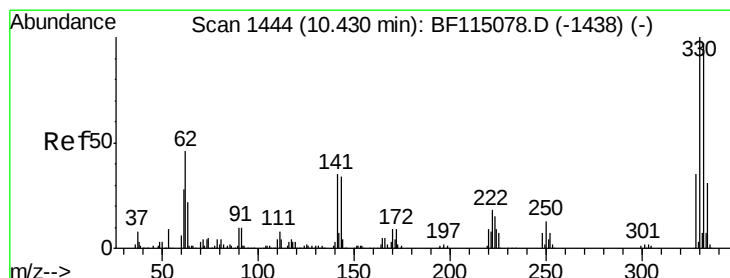
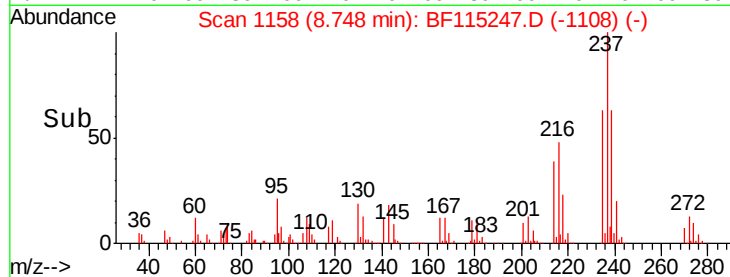
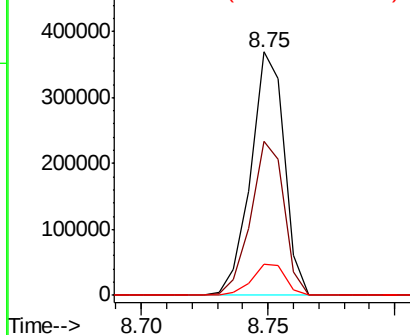
Tot Ion:	237	Resp:	339716
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.9	83.9
272	12.8	0.0	33.8

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.998 ng

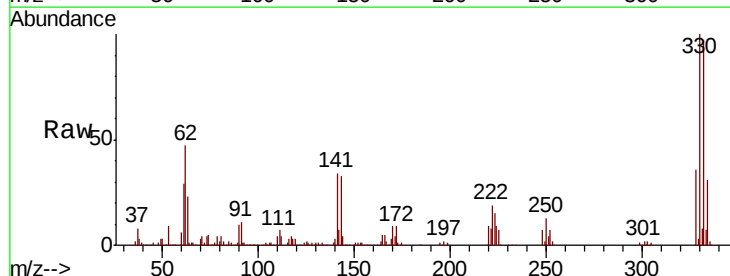
RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

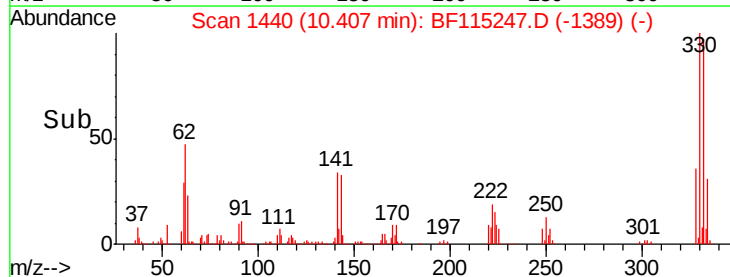
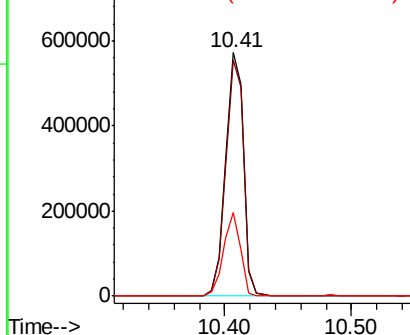
Lab File: BF115247.D

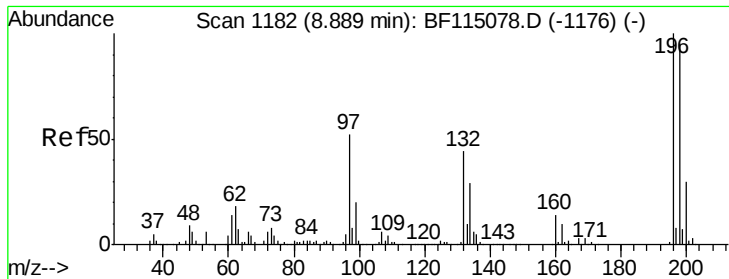
Acq: 27 Jun 2019 21:22

Tgt Ion:	330	Resp:	557224
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.3	115.9
141	32.7	28.2	42.2



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





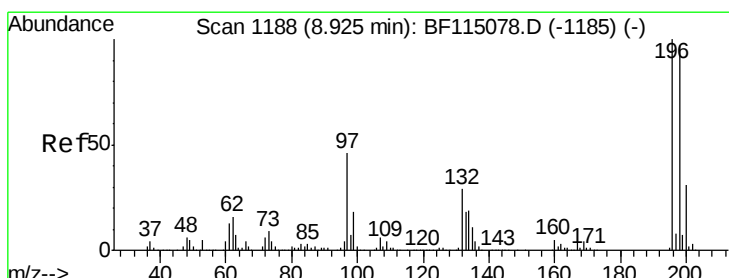
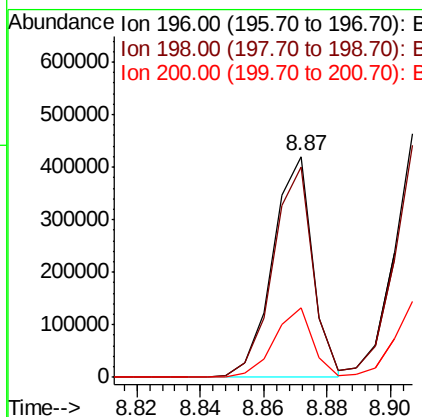
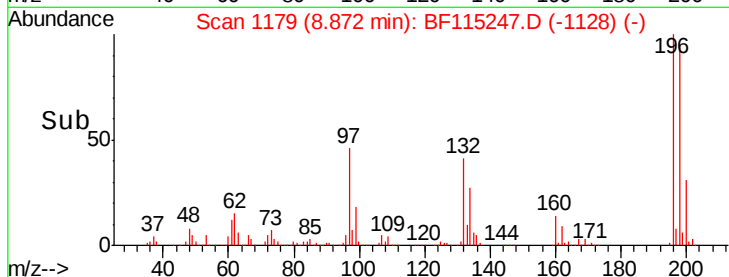
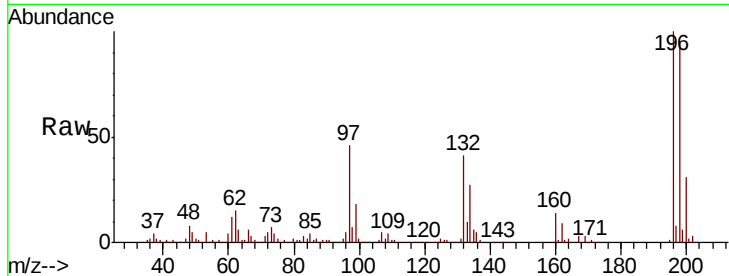
#43
 2,4,6-Trichlorophenol
 Concen: 42.370 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.3	114.5
200	31.4	24.2	36.4

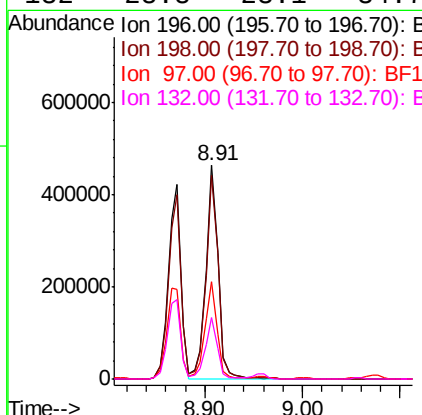
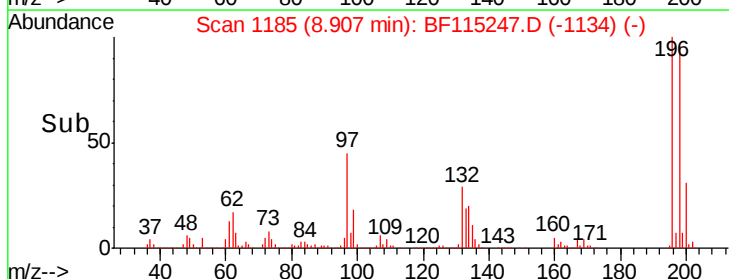
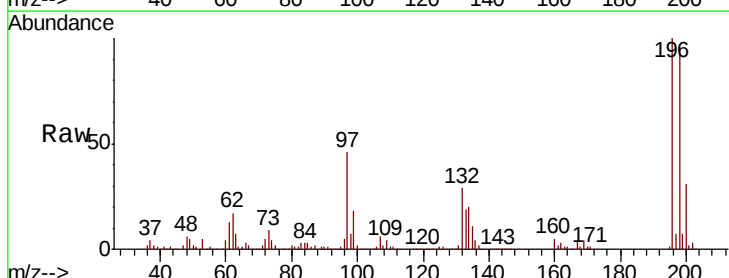
Manual Integrations
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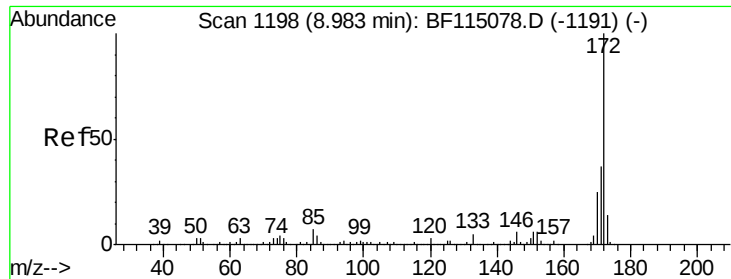
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#44
 2,4,5-Trichlorophenol
 Concen: 44.990 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.1	115.7
97	45.6	37.7	56.5
132	28.8	23.1	34.7





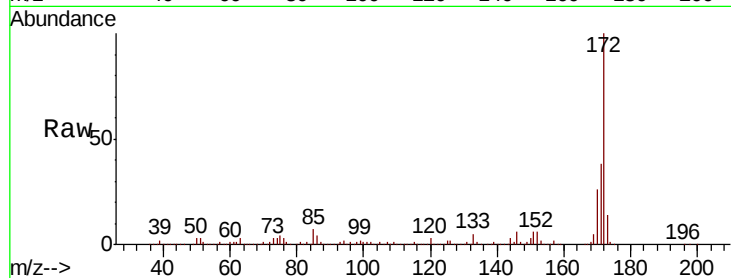
#45
2-Fluorobiphenyl
Concen: 95.635 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	26.0	20.3	30.5

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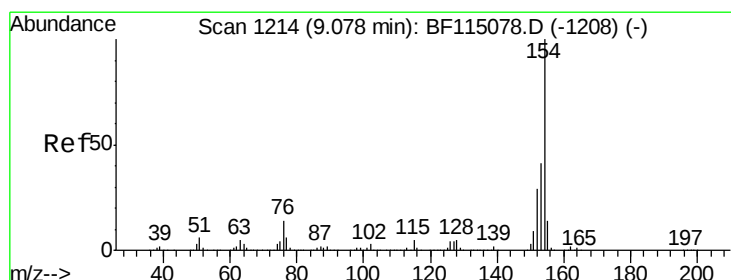
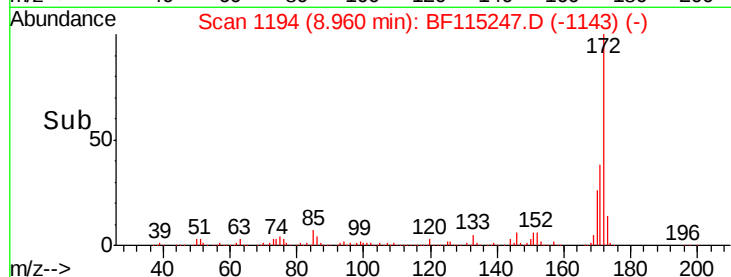
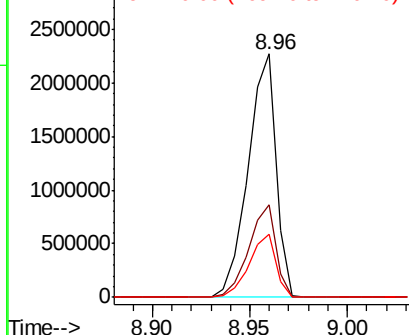


Abundance

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: 44.355 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

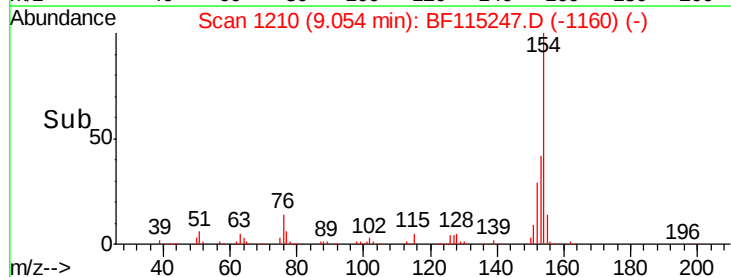
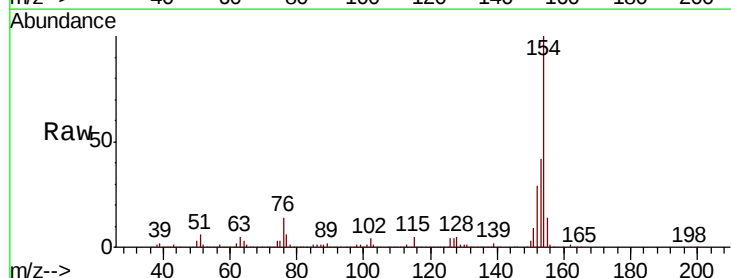
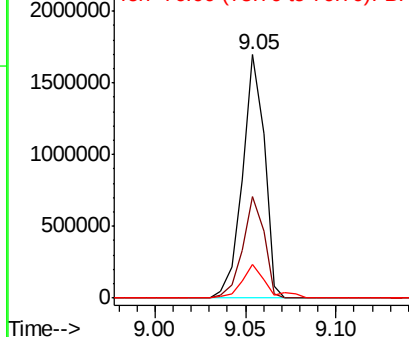
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	13.7	0.0	34.1

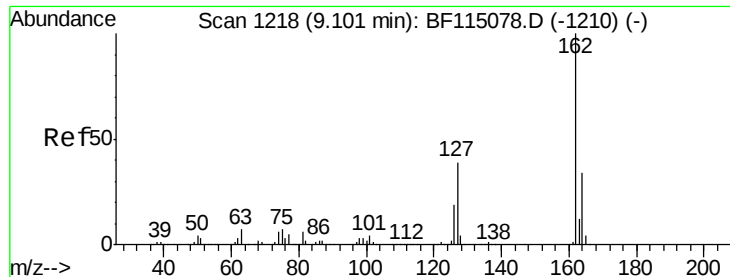
Abundance

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





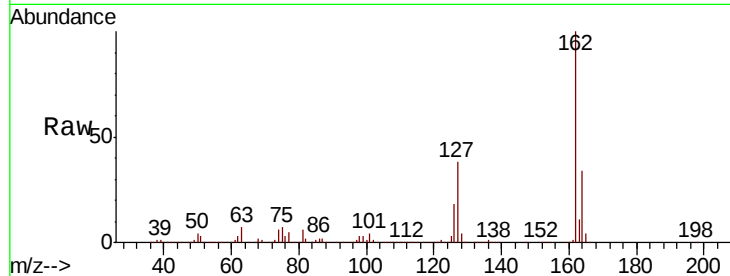
#47
2-Chloronaphthalene
Concen: 43.730 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

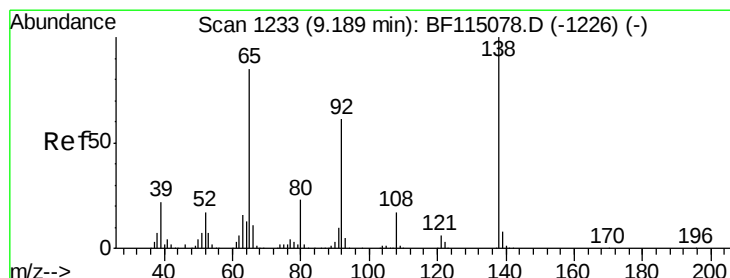
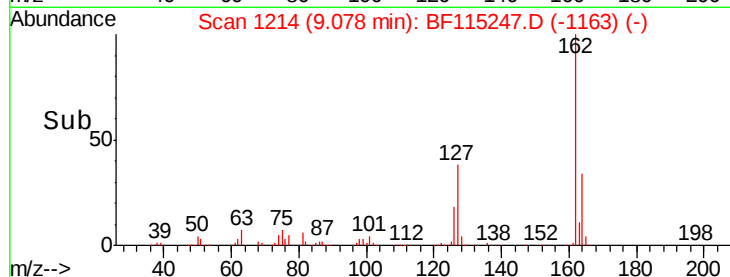
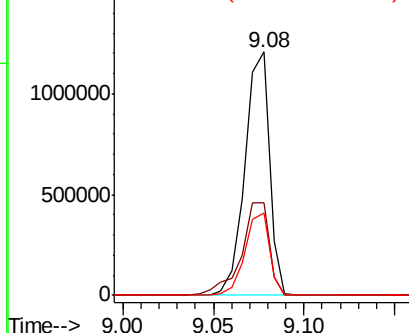
Tot Ion: 162 Resp: 1136199
Ion Ratio Lower Upper
162 100
127 37.8 30.8 46.2
164 34.0 27.0 40.4

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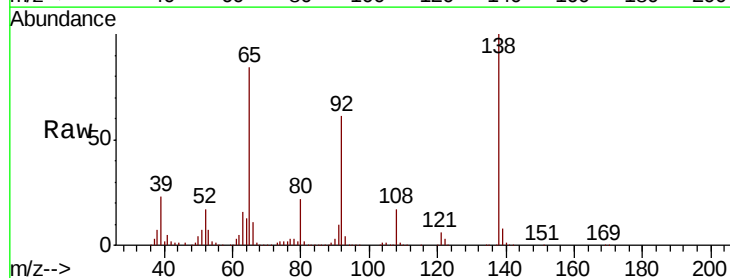


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

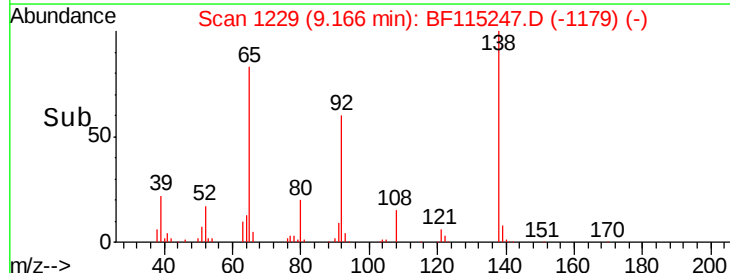
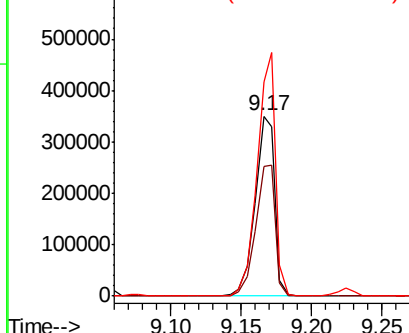


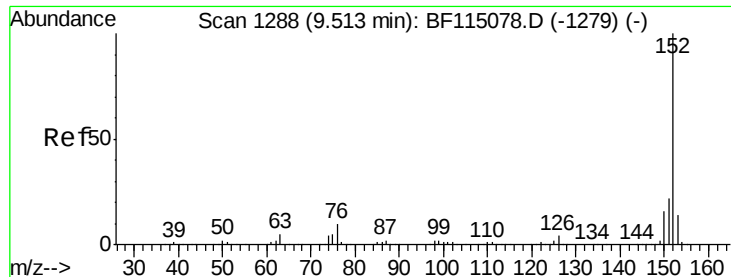
#48
2-Nitroaniline
Concen: 45.264 ng
RT: 9.17 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion: 65 Resp: 342870
Ion Ratio Lower Upper
65 100
92 72.3 57.4 86.2
138 119.3 94.1 141.1



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: 44.302 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:152 Resp: 1793394

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

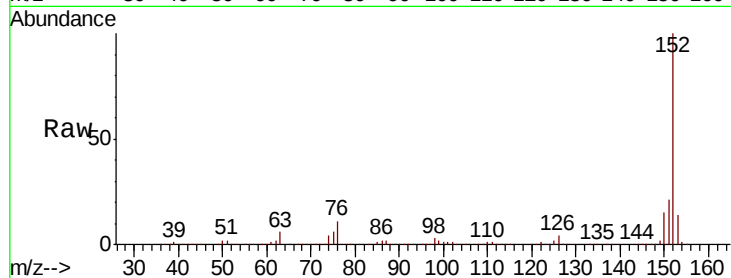
153 14.0 11.0 16.6

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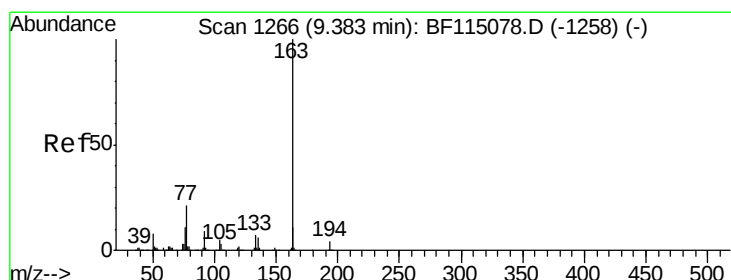
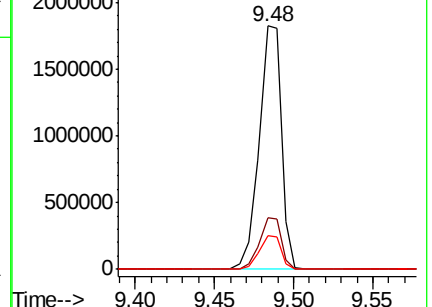
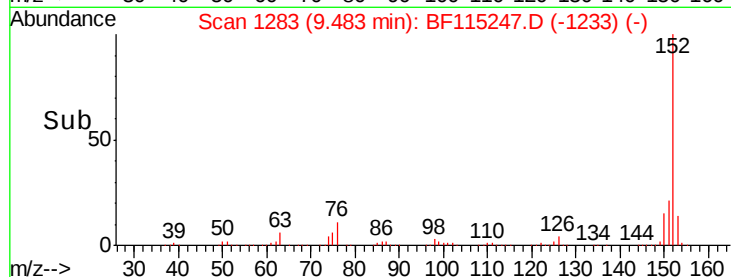
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.134 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

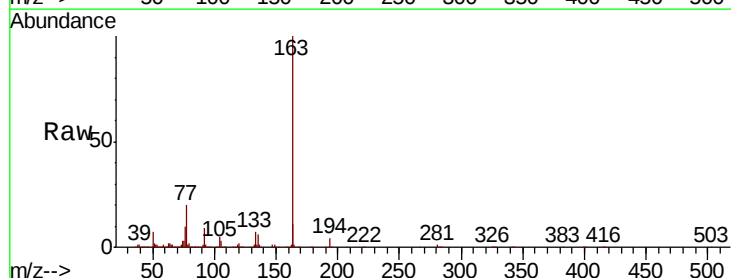
Tgt Ion:163 Resp: 1358742

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

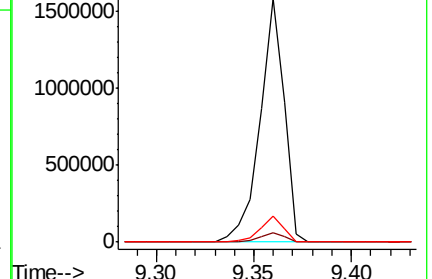
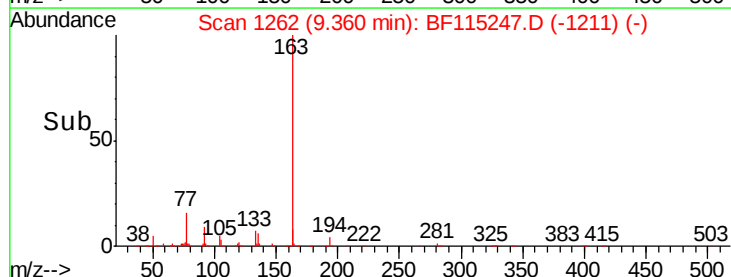
164 10.8 8.6 13.0

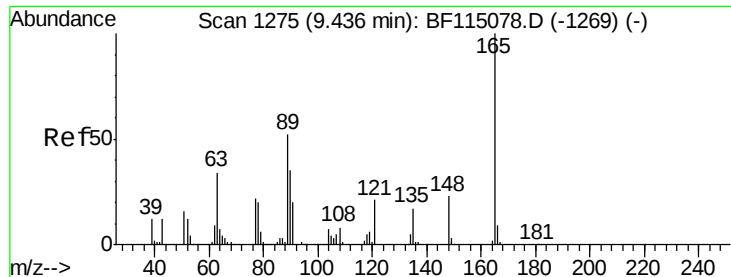


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





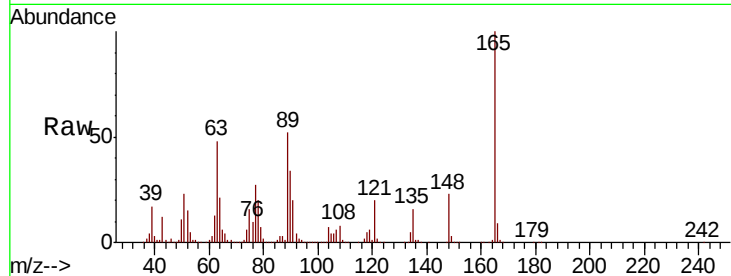
#51
2,6-Dinitrotoluene
Concen: 46.293 ng
RT: 9.41 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

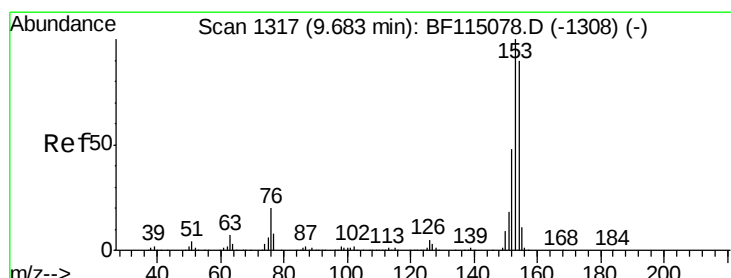
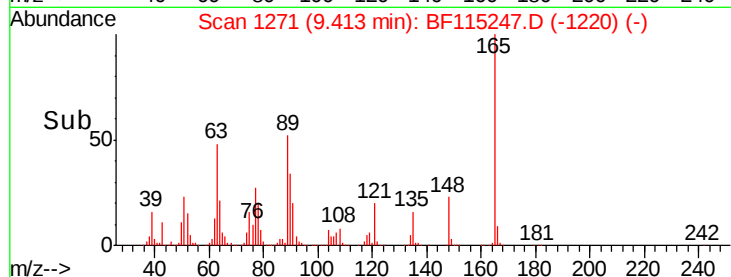
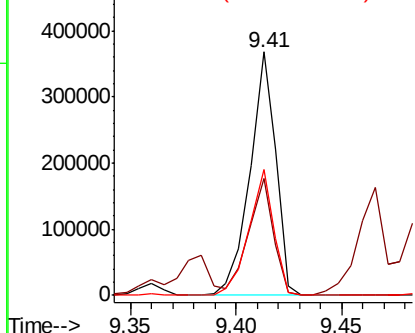
Tot Ion	Ratio	Resp	Lower	Upper
165	100	314774		
63	48.3	39.4	59.2	
89	51.6	42.0	63.0	

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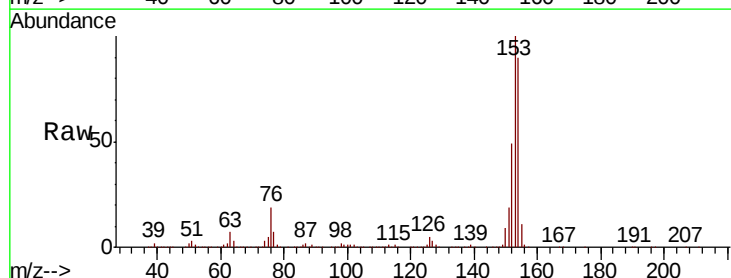


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

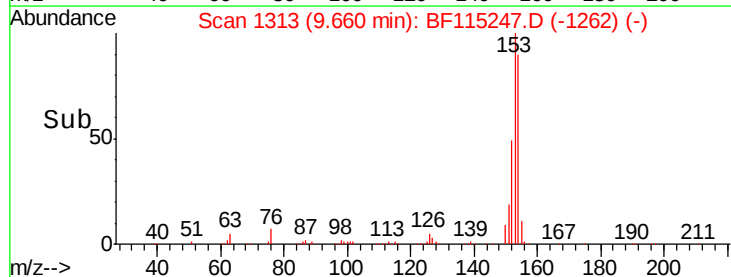
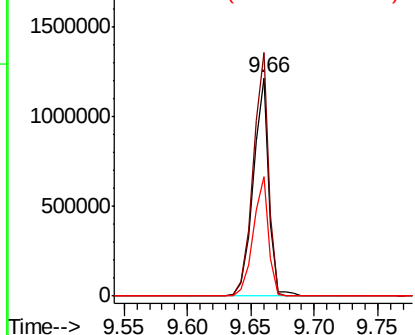


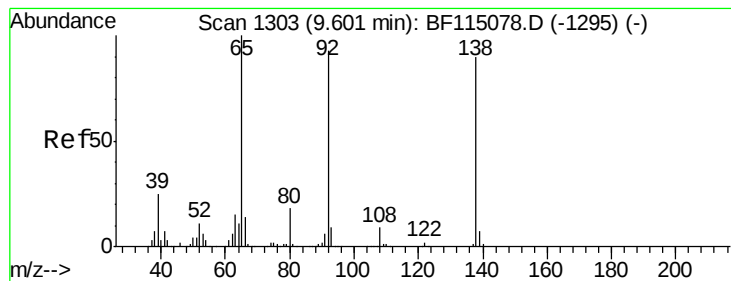
#52
Acenaphthene
Concen: 41.582 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1053295		
153	111.4	88.7	133.1	
152	54.8	42.6	64.0	



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: 27.003 ng

RT: 9.57 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

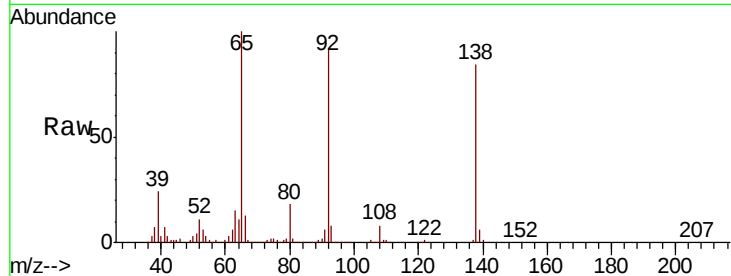
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	108.7	82.9	124.3

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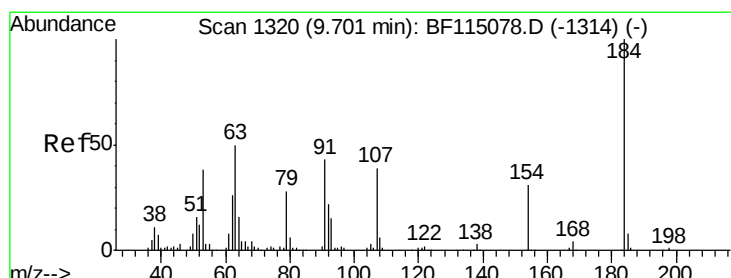
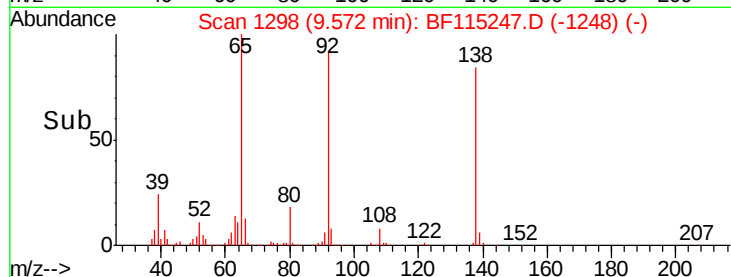
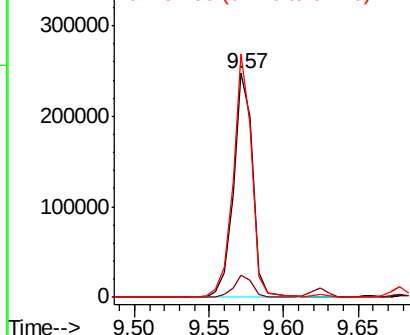


Abundance

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



#54

2,4-Dinitrophenol

Concen: 16.910 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

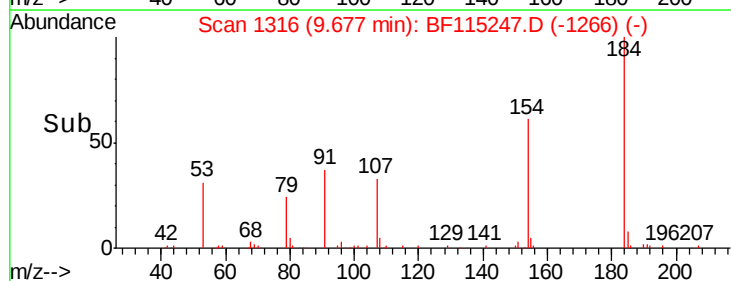
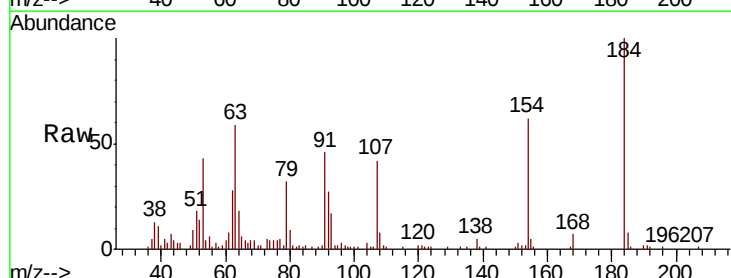
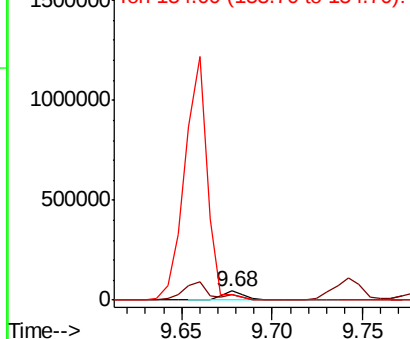
Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	41.9	62.9
154	62.1	44.7	67.1

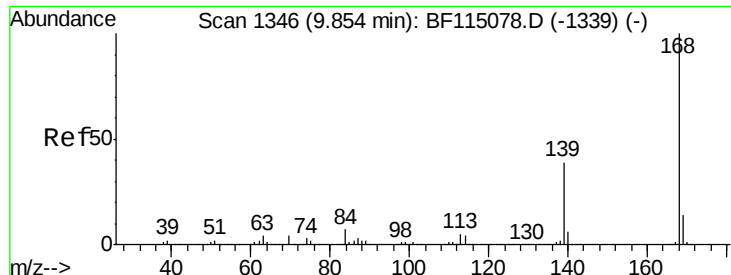
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





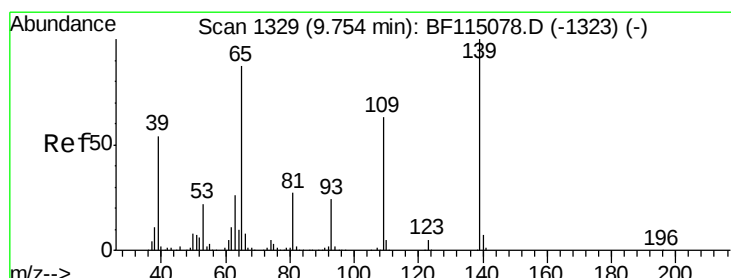
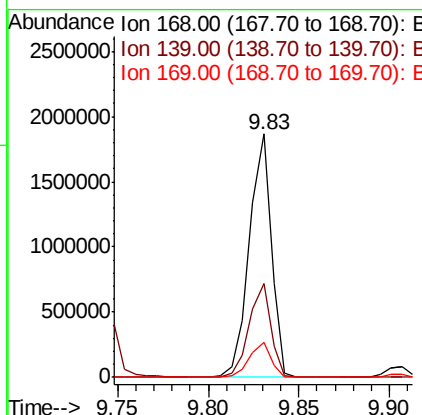
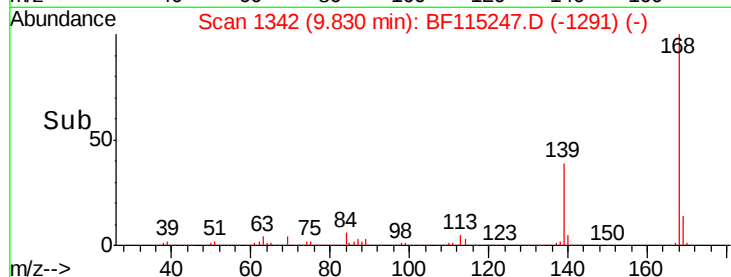
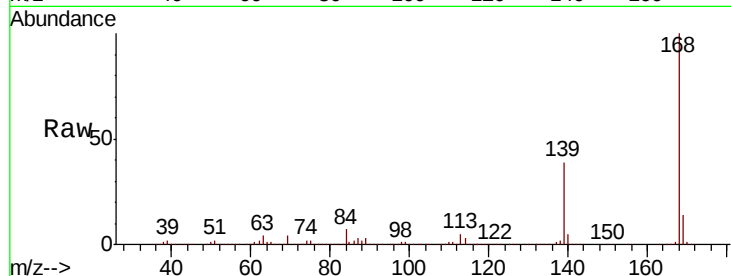
#55
Dibenzenofuran
Concen: 43.536 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion:168 Resp: 1582828
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 14.2 11.3 16.9

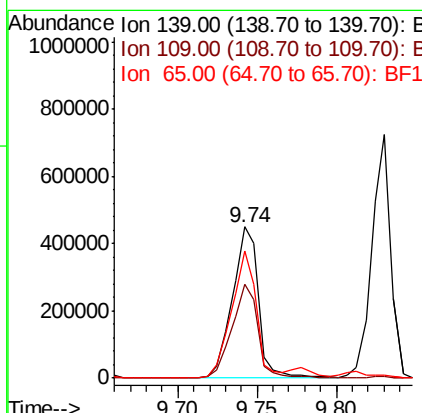
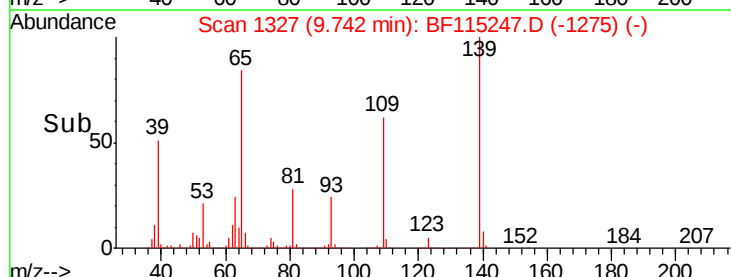
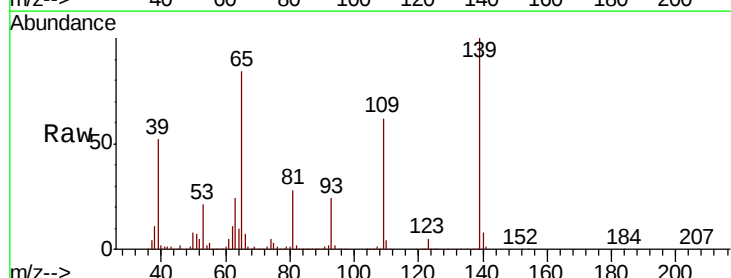
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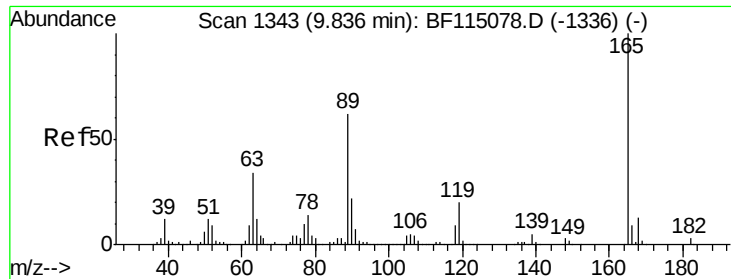
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#56
4-Nitrophenol
Concen: 77.286 ng
RT: 9.74 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:139 Resp: 514124
Ion Ratio Lower Upper
139 100
109 61.8 43.0 83.0
65 84.0 67.0 107.0





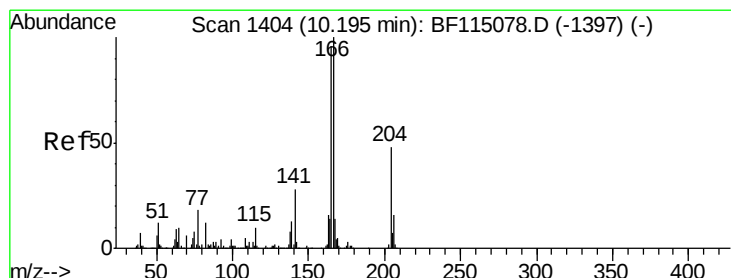
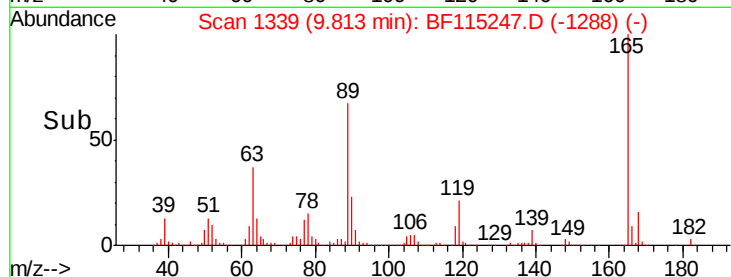
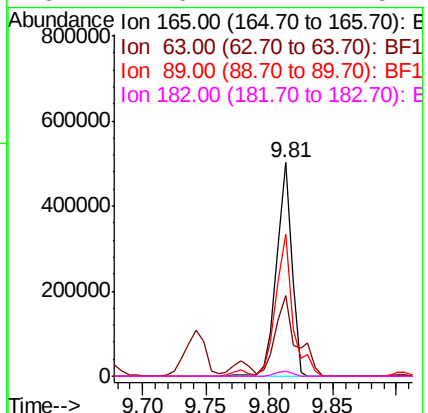
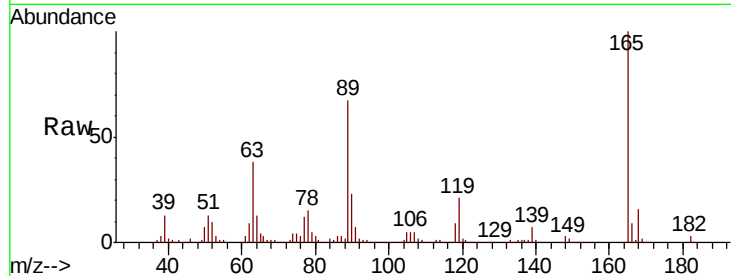
#57
2,4-Dinitrotoluene
Concen: 47.256 ng
RT: 9.81 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
165	100	414889		
63	37.6	27.5	41.3	
89	66.7	49.9	74.9	
182	2.6	2.1	3.1	

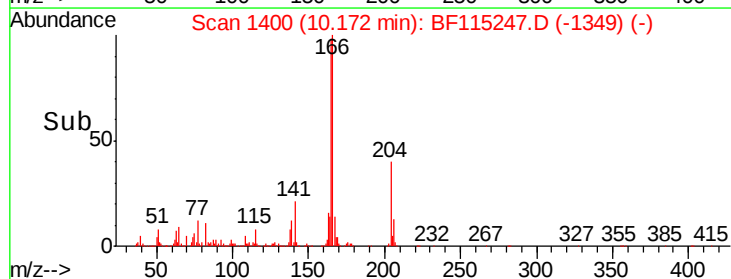
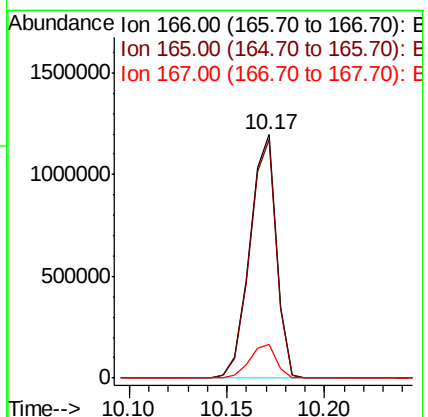
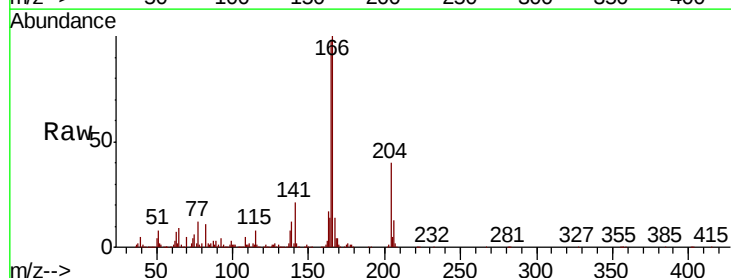
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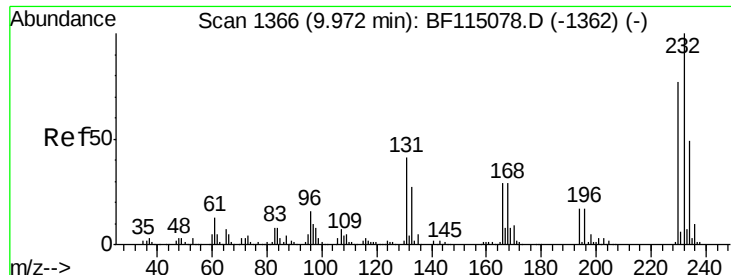
mohammad
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#58
Fluorene
Concen: 46.717 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1124741		
165	98.2	76.5	114.7	
167	13.6	11.0	16.4	





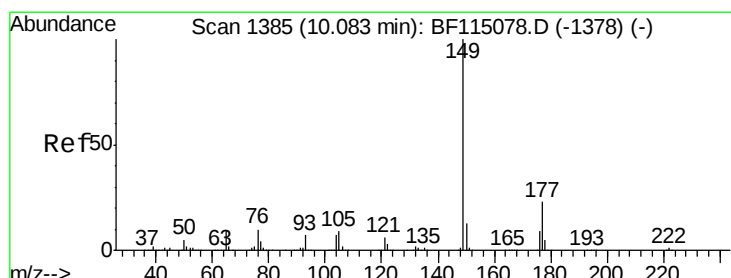
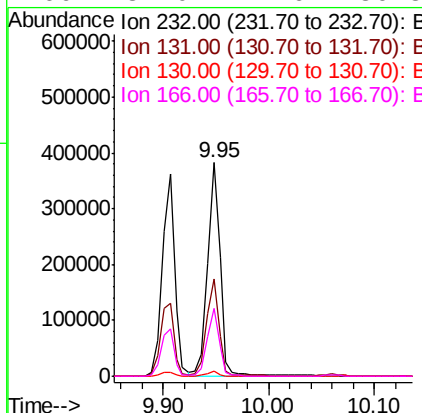
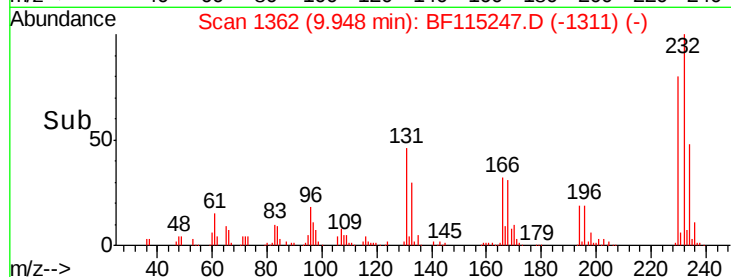
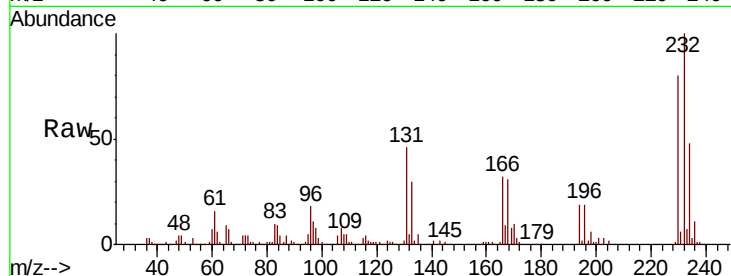
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.111 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.4	56.0
130	2.1	1.8	2.6
166	31.0	24.6	36.8

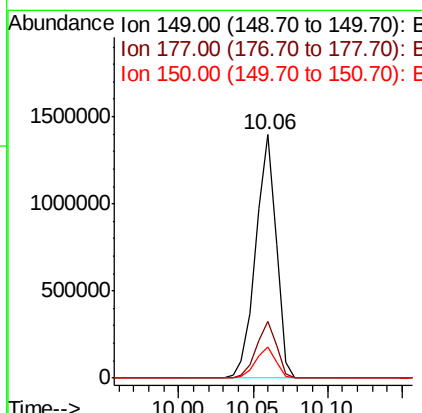
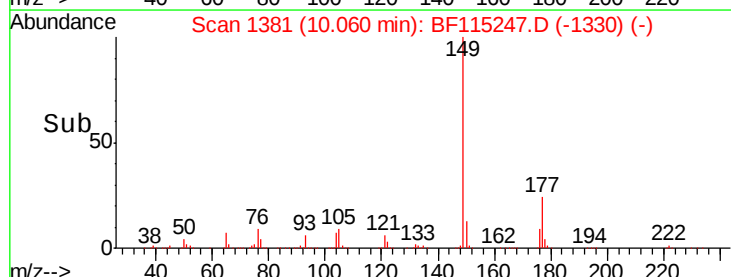
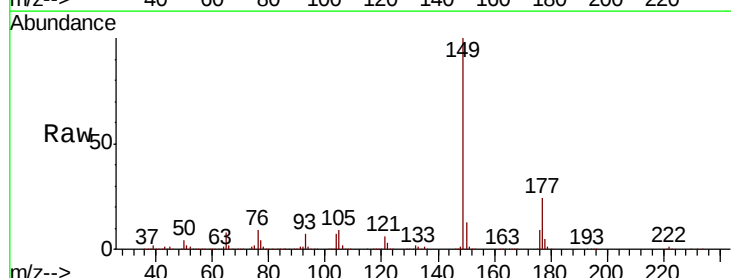
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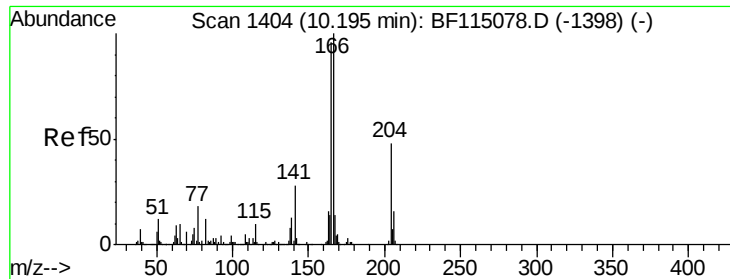
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#60
 Diethylphthalate
 Concen: 44.354 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	12.7	10.4	15.6





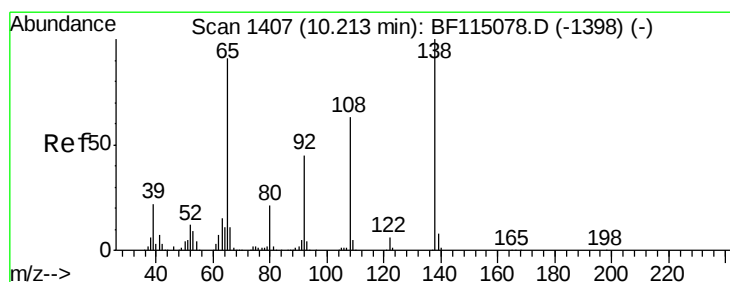
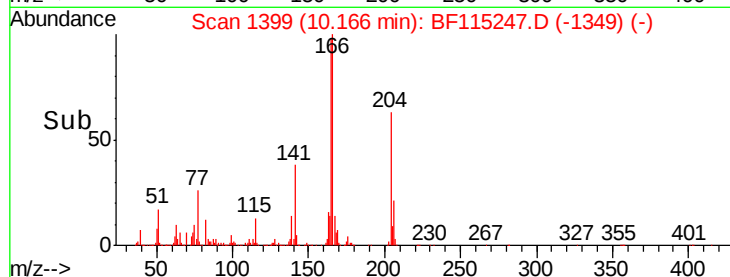
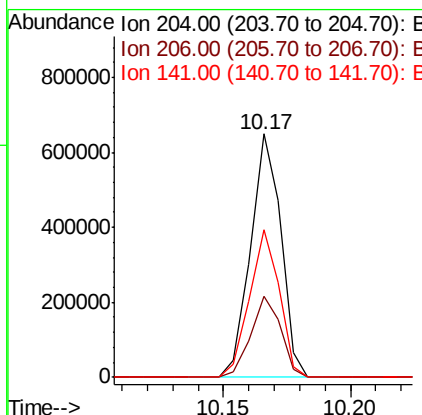
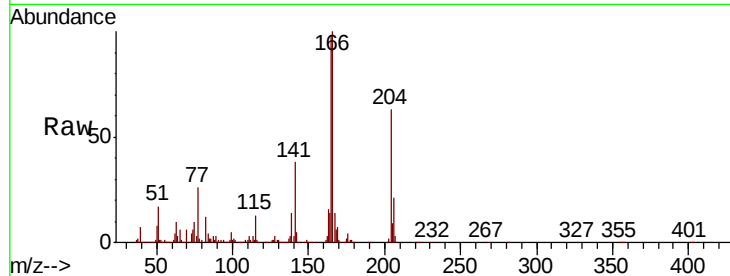
#61
4-Chlorophenyl-phenylether
Concen: 47.729 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	60.5	46.7	70.1

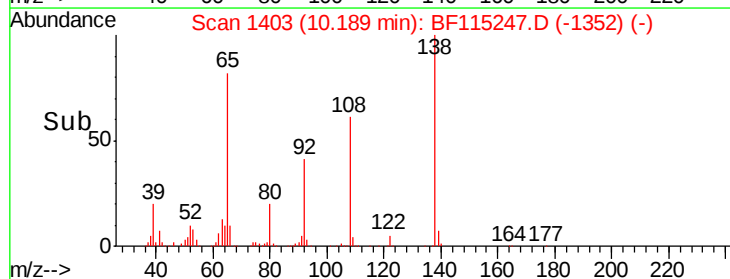
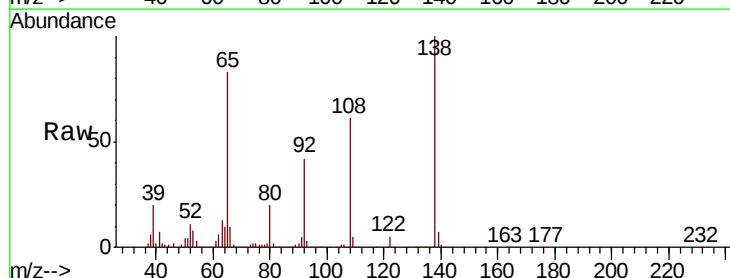
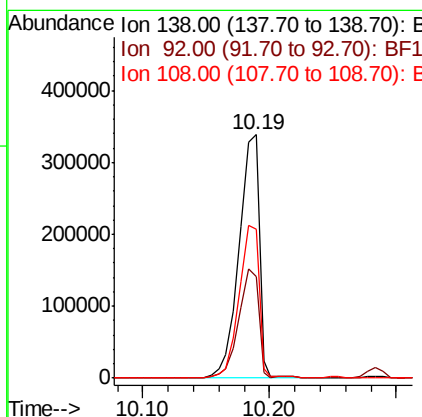
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#62
4-Nitroaniline
Concen: 44.929 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.5	24.8	64.8
108	61.0	43.3	83.3





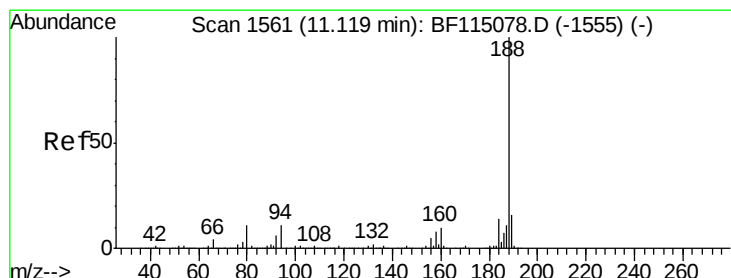
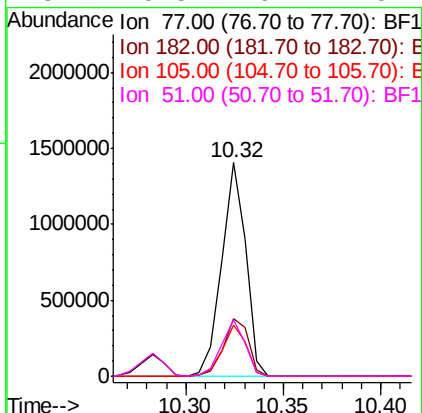
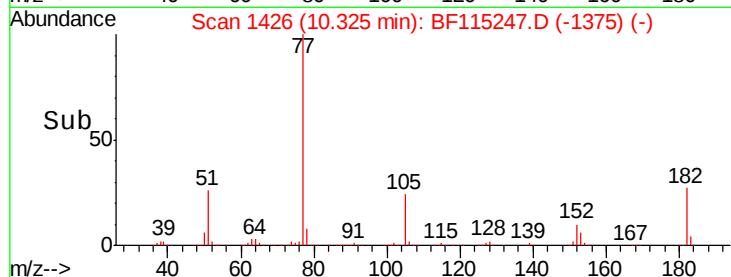
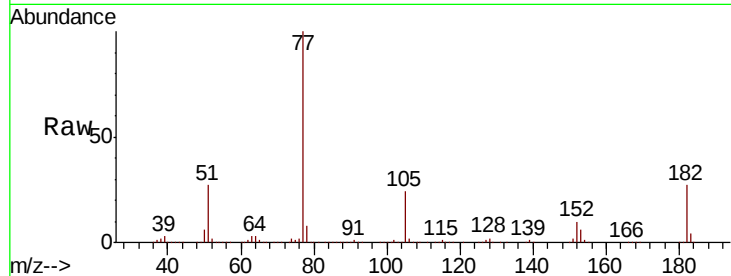
#63
Azobenzene
Concen: 43.467 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	10.1	50.1
105	23.9	4.5	44.5
51	26.5	6.4	46.4

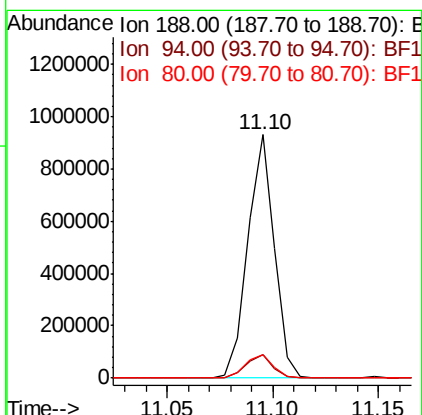
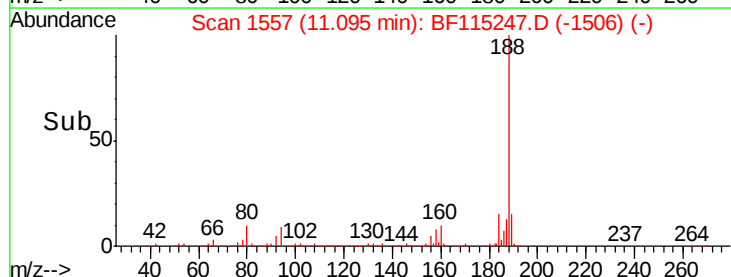
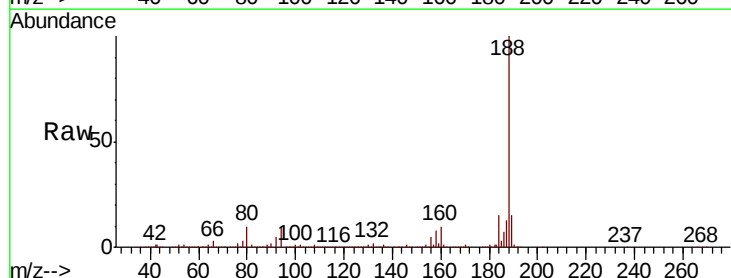
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	12.8
80	9.8	8.8	13.2





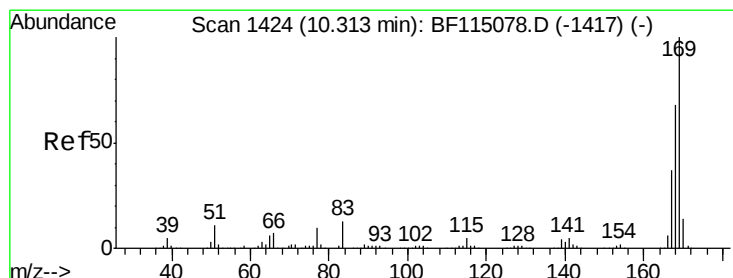
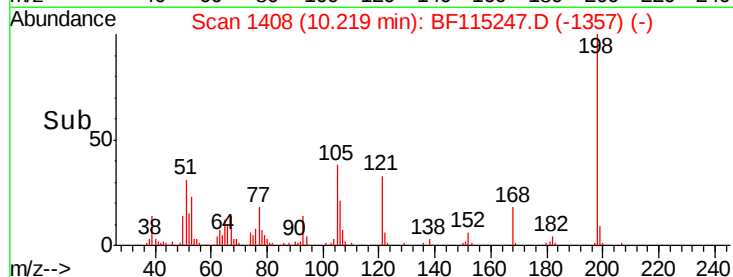
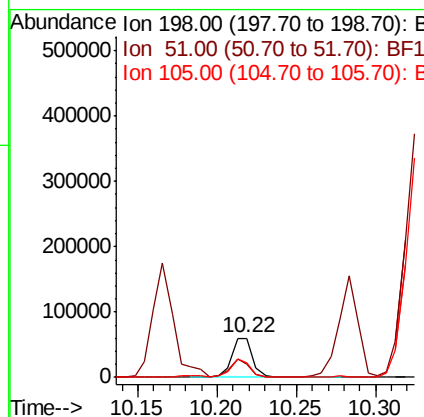
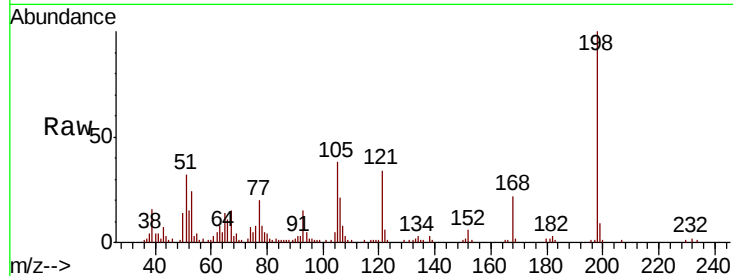
#65
4,6-Dinitro-2-methylphenol
Concen: 16.488 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.2	11.0	51.0
105	38.3	17.3	57.3

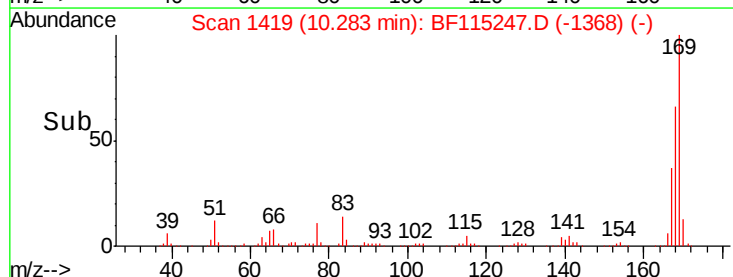
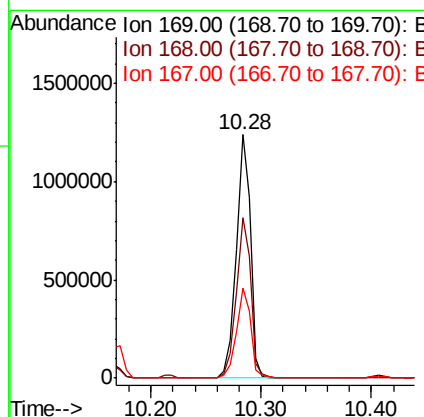
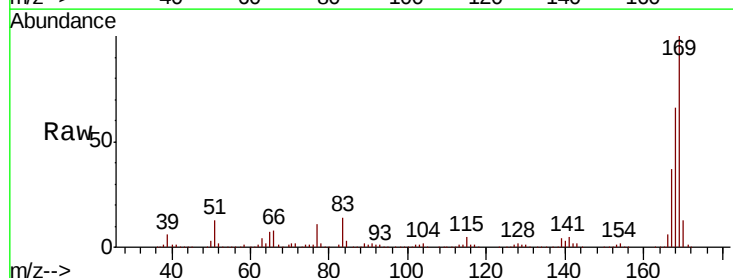
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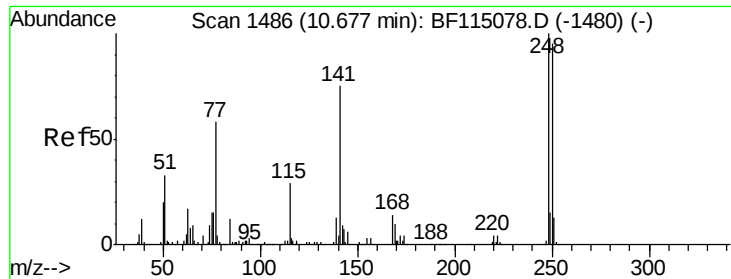
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#66
n-Nitrosodiphenylamine
Concen: 44.147 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.2	81.4
167	36.7	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 43.601 ng

RT: 10.65 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

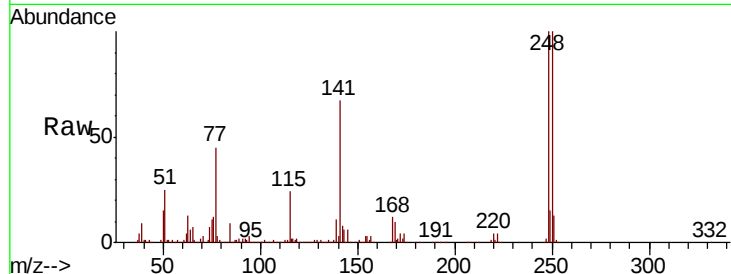
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

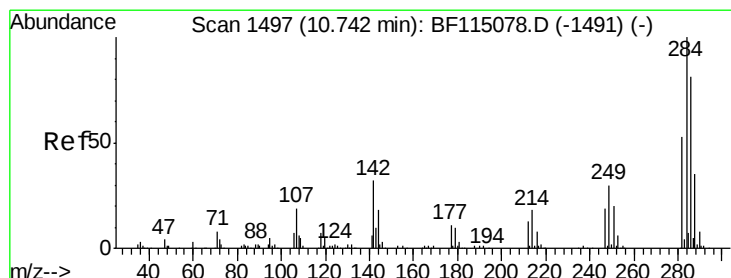
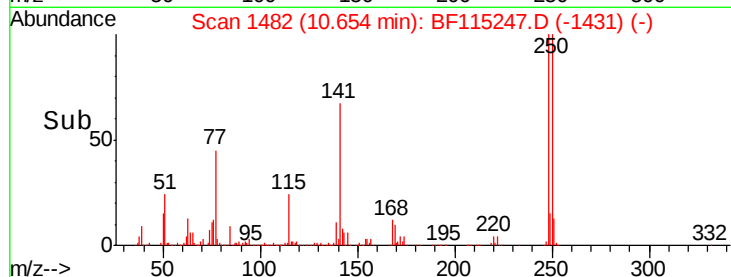
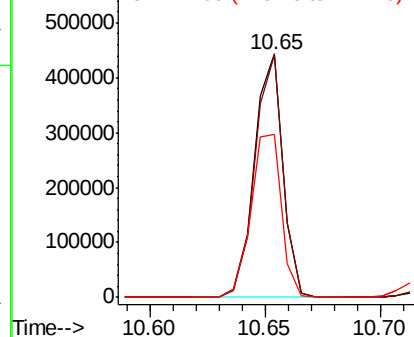
Tot Ion:	248	Resp:	382787
Ion Ratio	Lower	Upper	
248	100		
250	99.6	76.2	114.2
141	66.8	59.6	89.4

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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: 43.788 ng

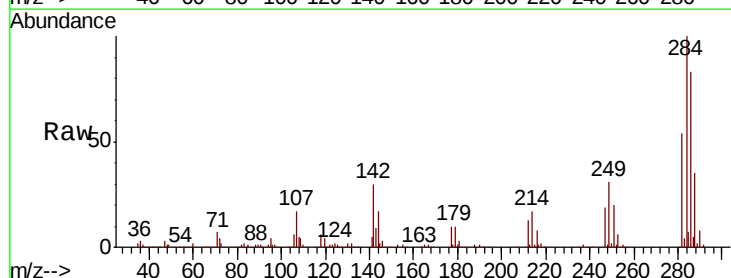
RT: 10.72 min Scan# 1493

Delta R.T. 0.00 min

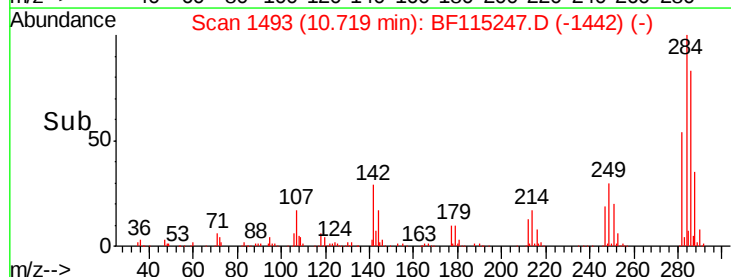
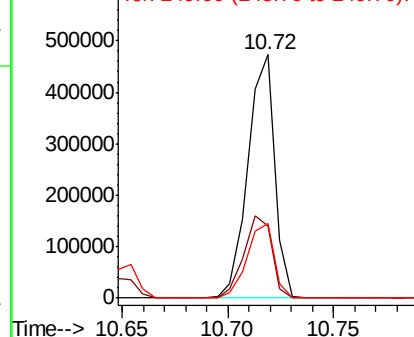
Lab File: BF115247.D

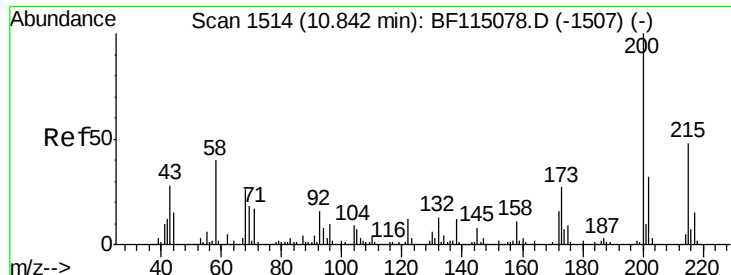
Acq: 27 Jun 2019 21:22

Tgt Ion:	284	Resp:	417272
Ion Ratio	Lower	Upper	
284	100		
142	29.6	25.8	38.8
249	30.6	24.2	36.4



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





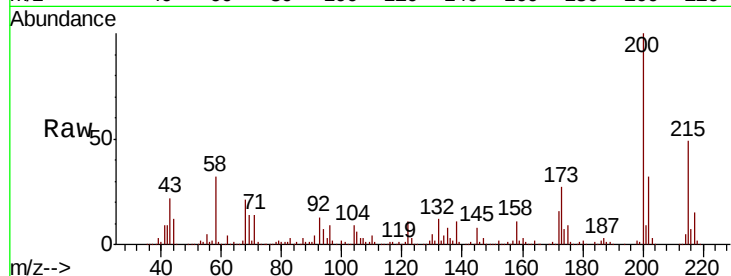
#69
Atrazine
Concen: 45.049 ng
RT: 10.82 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
200	100	365583		
173	26.7	7.4	47.4	
215	48.8	27.8	67.8	

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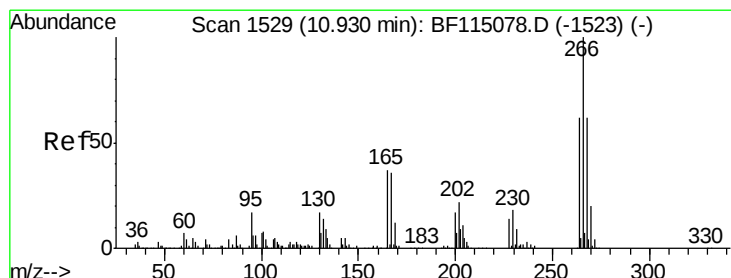
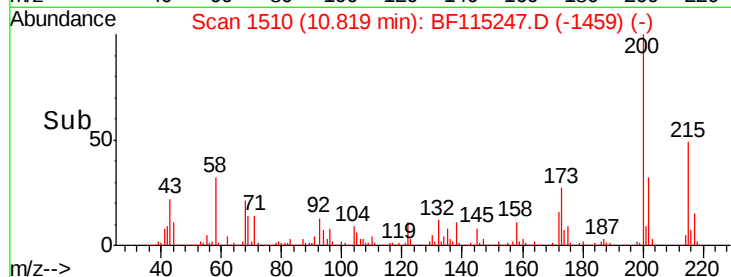
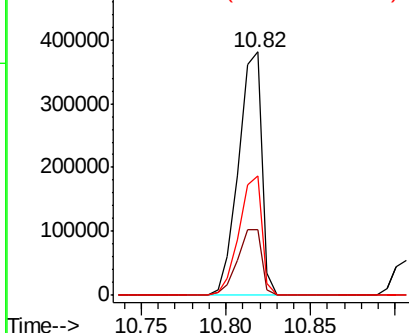


Abundance

Ion 200.00 (199.70 to 200.70): E

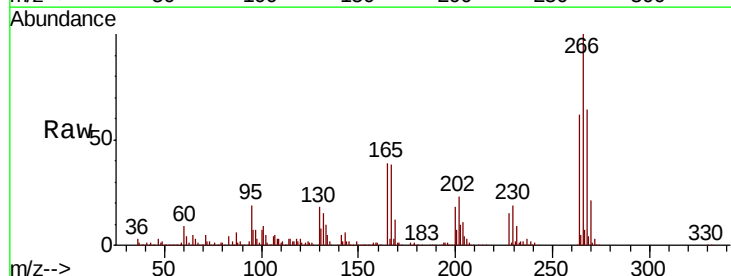
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 46.430 ng
RT: 10.91 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	281872		
268	64.2	49.5	74.3	
264	61.6	49.3	73.9	

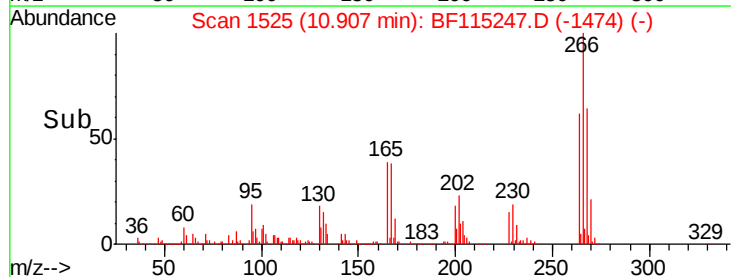
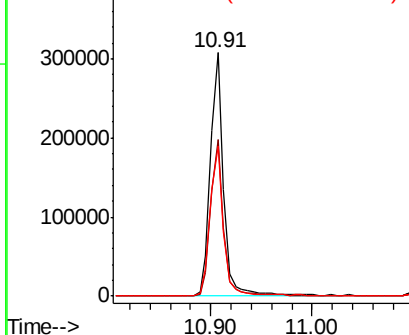


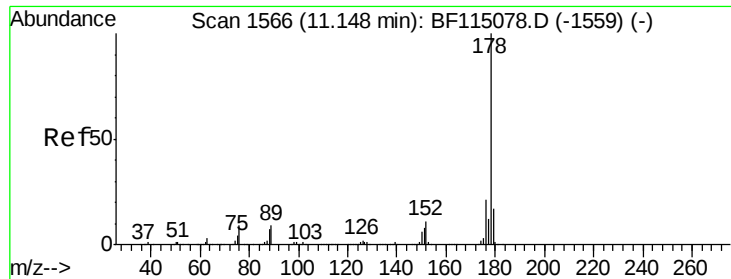
Abundance

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





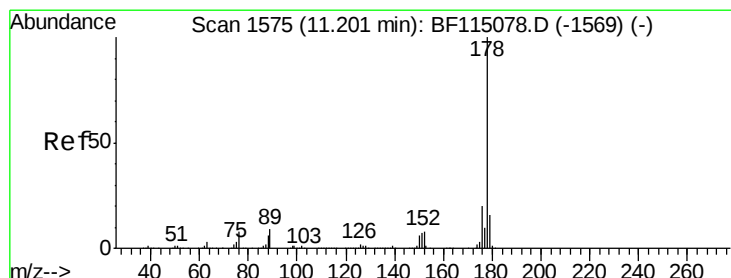
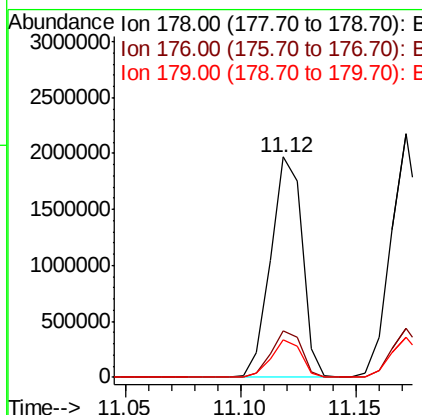
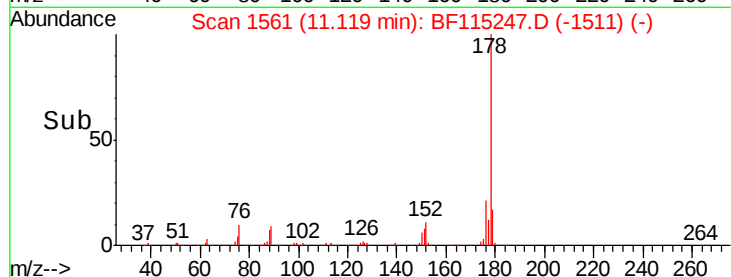
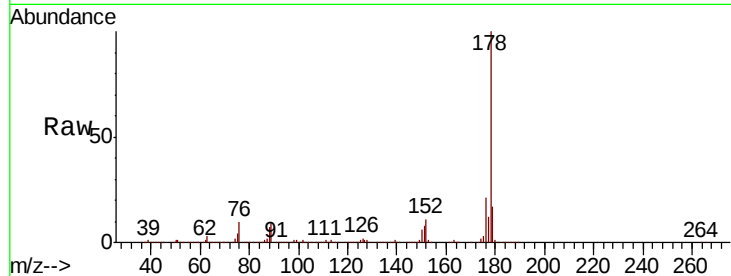
#71
Phenanthrene
Concen: 42.832 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion:178 Resp: 1867390
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.8 13.2 19.8

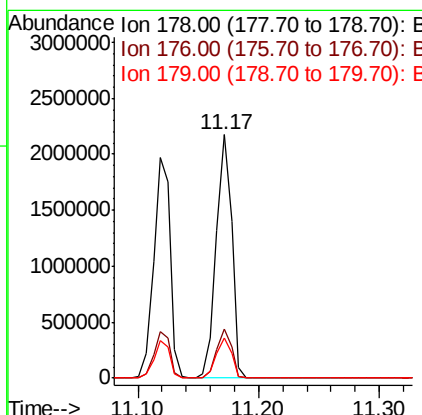
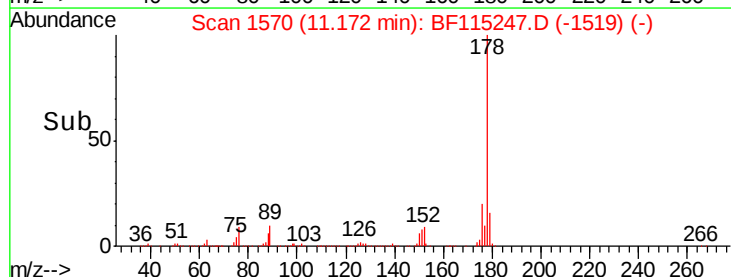
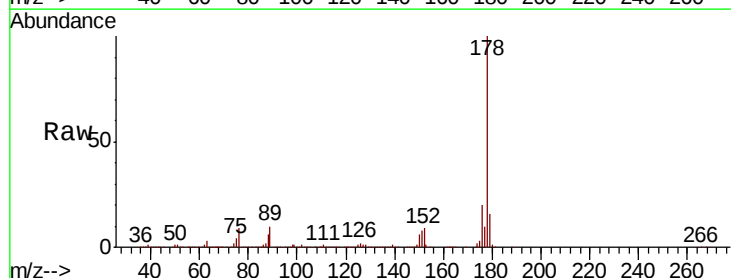
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#72
Anthracene
Concen: 43.453 ng
RT: 11.17 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:178 Resp: 1912310
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.4 12.9 19.3





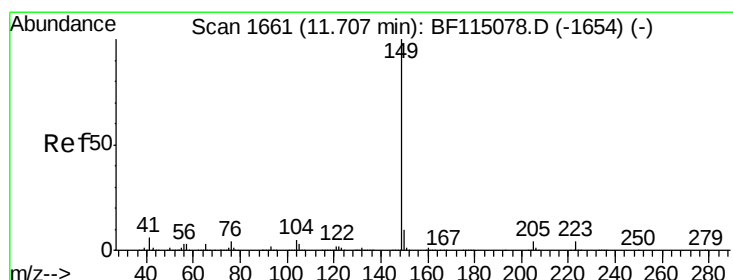
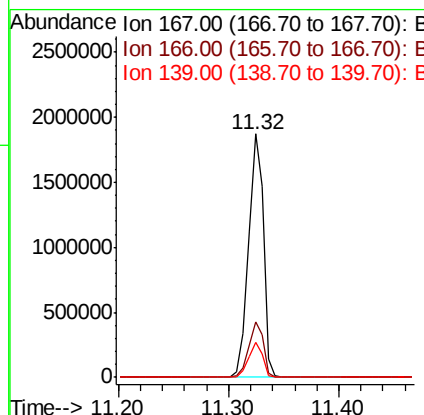
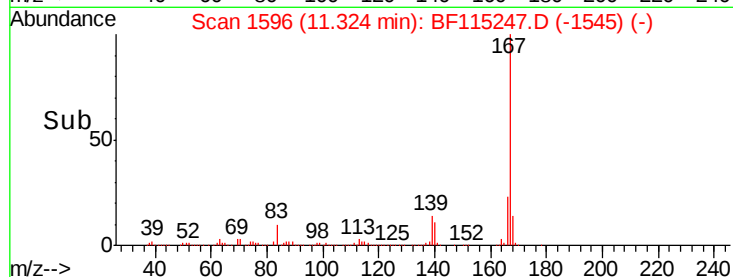
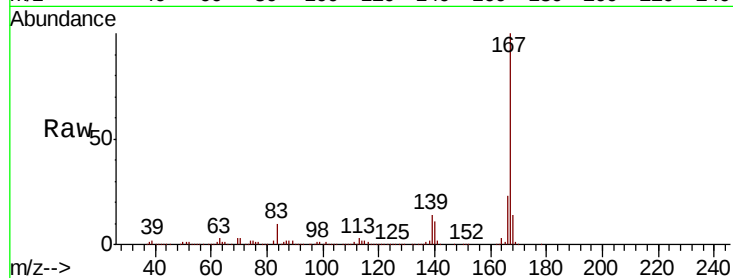
#73
 Carbazole
 Concen: 45.112 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion:167 Resp: 1772830
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.3 11.1 16.7

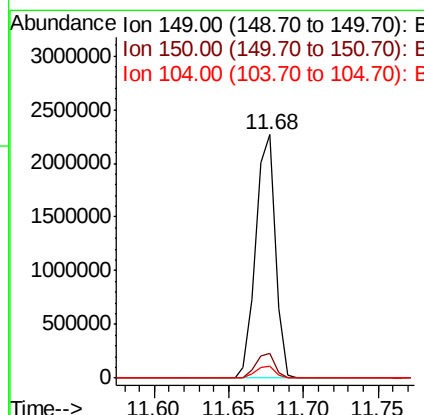
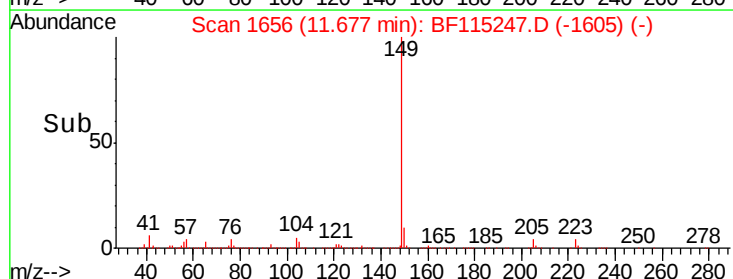
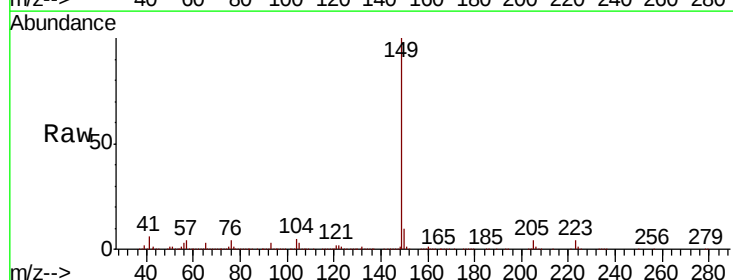
Manual Integrations
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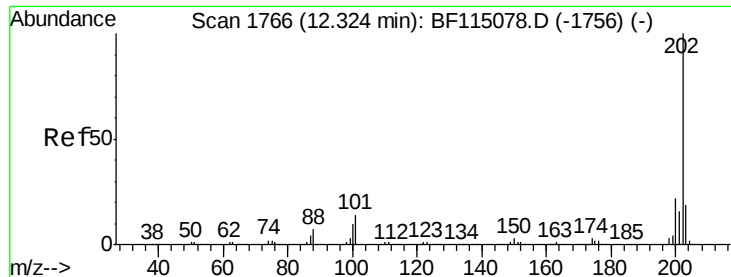
mohammad
 6/28/2019 2:58:36 PM



#74
 Di-n-butylphthalate
 Concen: 44.961 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion:149 Resp: 2041736
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.7 5.5





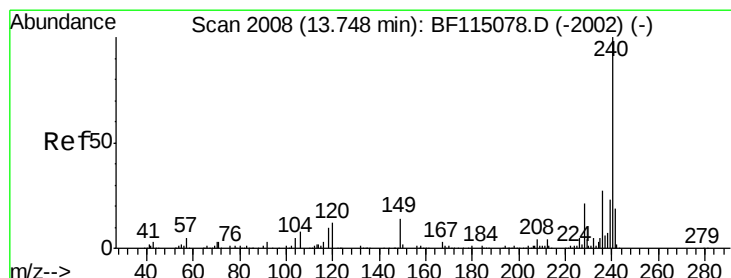
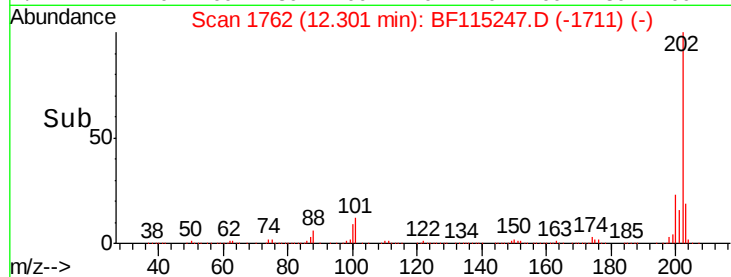
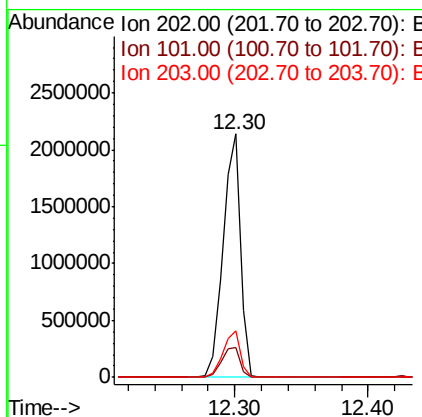
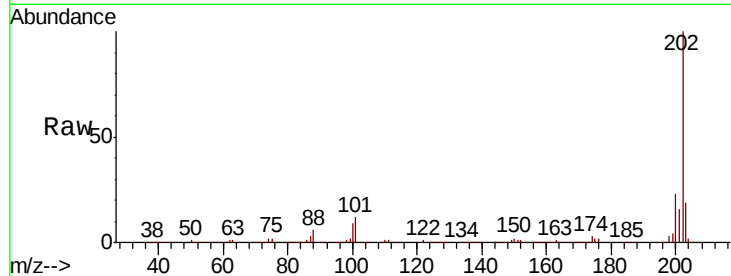
#75
 Fluoranthene
 Concen: 45.256 ng
 RT: 12.30 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1968578		
101	12.0		0.0	34.0
203	19.0		0.0	38.8

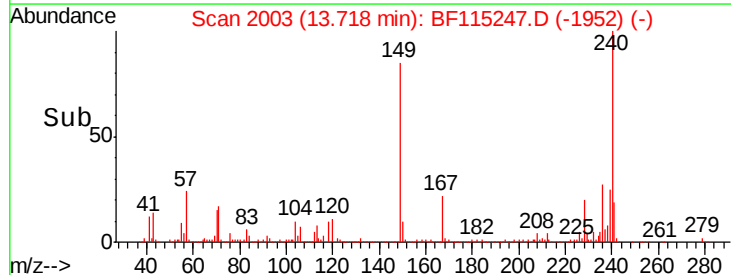
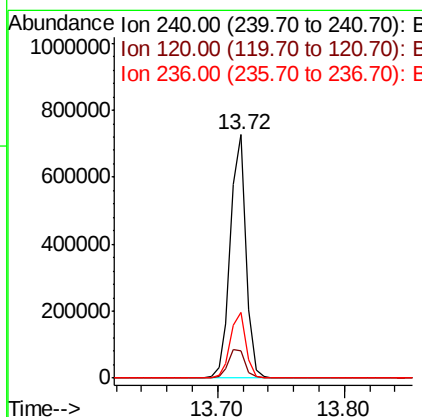
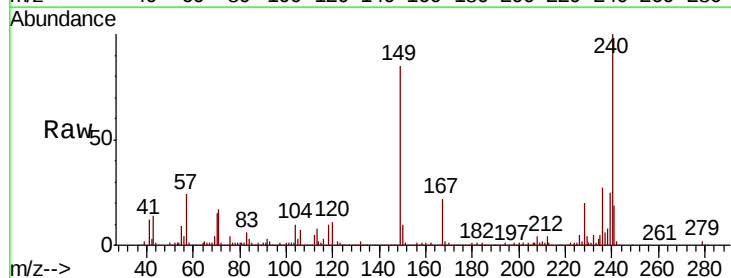
Manual Integrations
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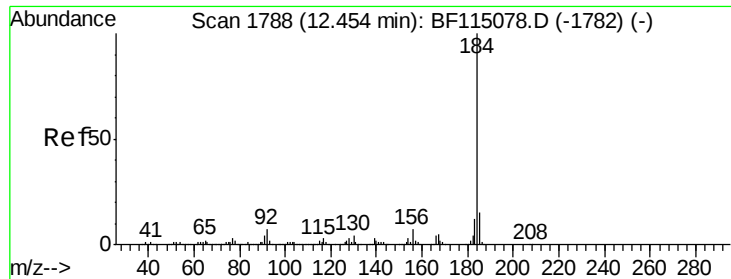
mohammad
 6/28/2019 2:58:36 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	614096		
120	11.2		9.4	14.2
236	27.2		21.7	32.5





#77

Benzidine

Concen: 30.406 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

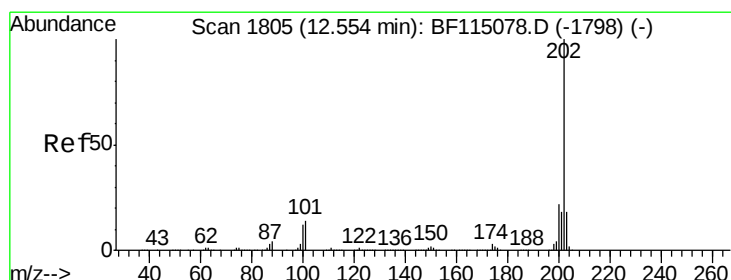
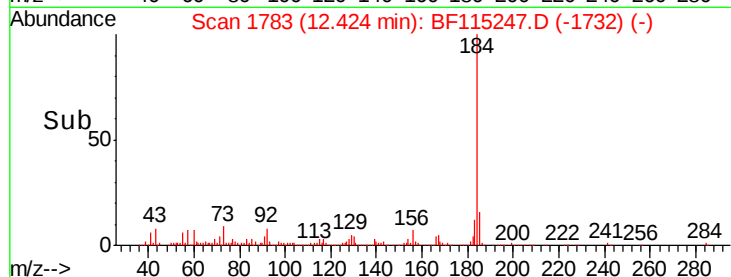
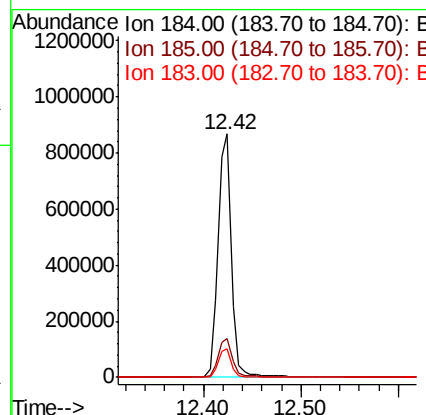
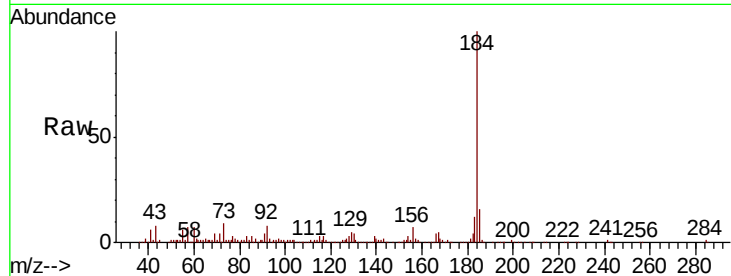
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	184	Resp:	829120
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.2
183	11.8	9.6	14.4

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#78

Pyrene

Concen: 43.394 ng

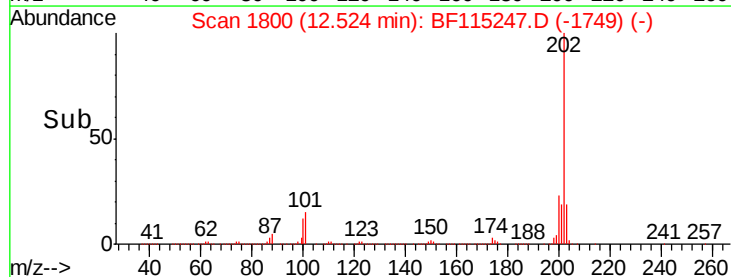
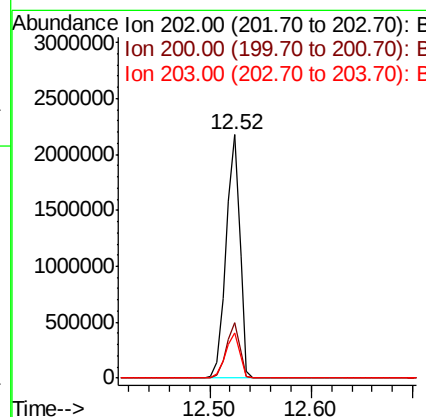
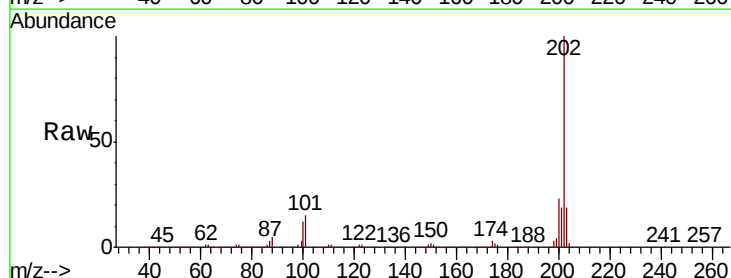
RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:	202	Resp:	2047911
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.9	26.9
203	18.6	14.6	21.8





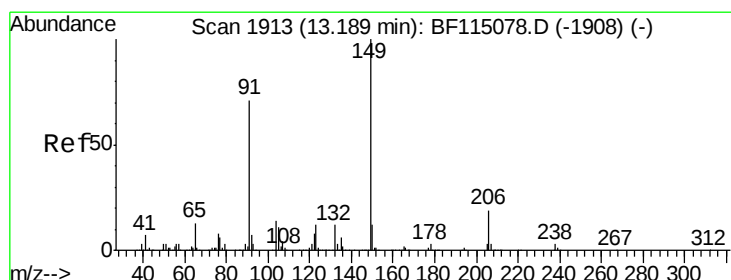
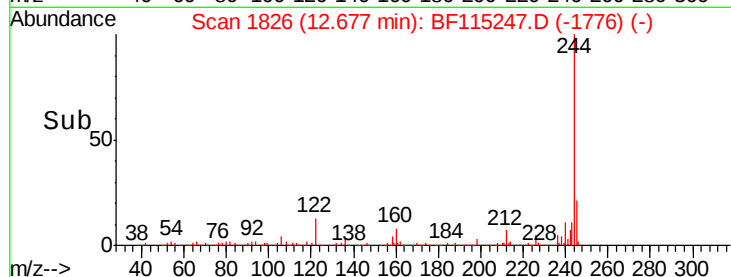
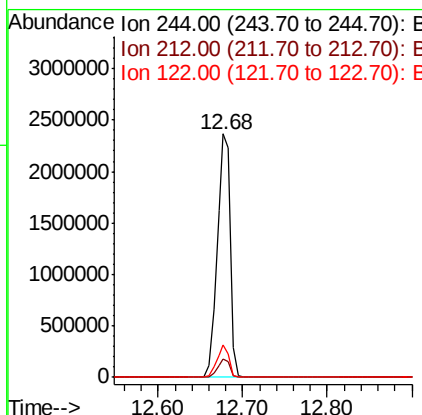
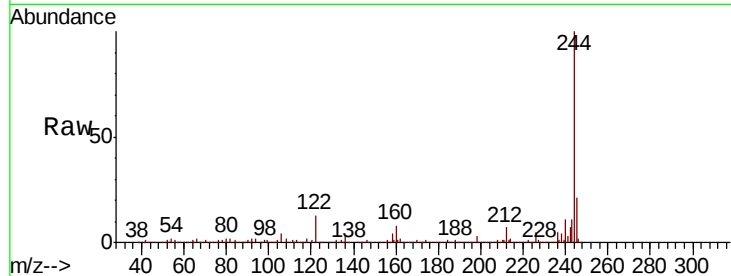
#79
Terphenyl-d14
Concen: 89.673 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion:244 Resp: 2590017
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 13.1 10.4 15.6

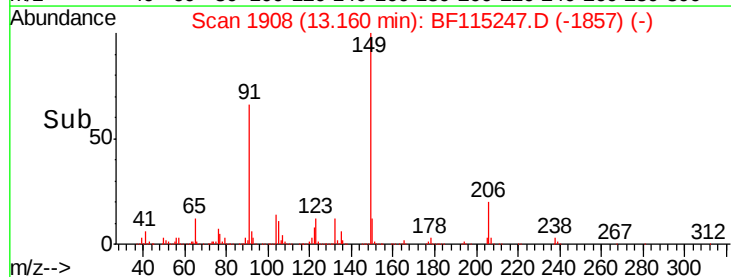
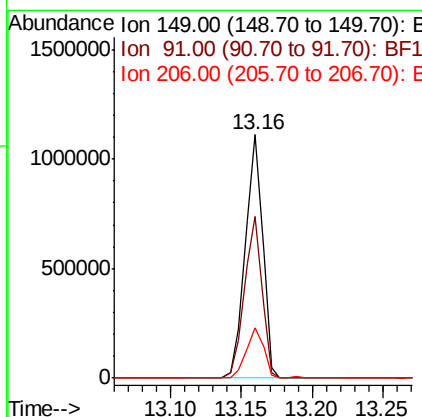
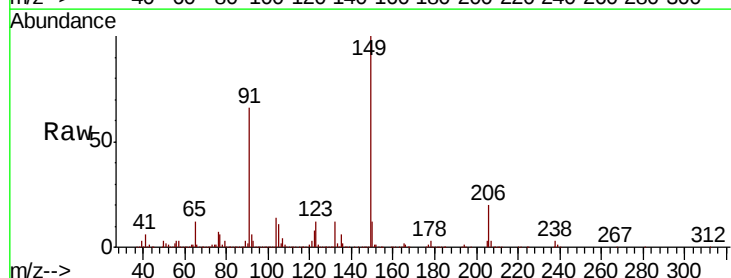
Manual Integrations
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#80
Butylbenzylphthalate
Concen: 46.081 ng
RT: 13.16 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:149 Resp: 959733
Ion Ratio Lower Upper
149 100
91 66.4 56.5 84.7
206 20.5 15.3 22.9





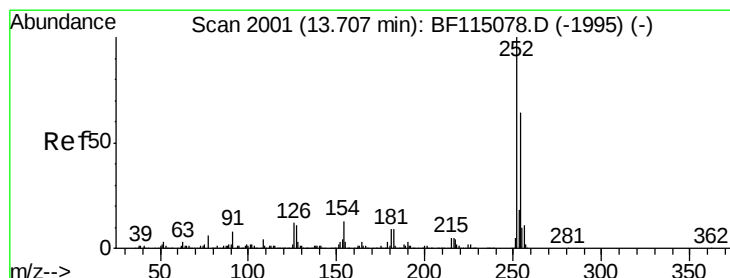
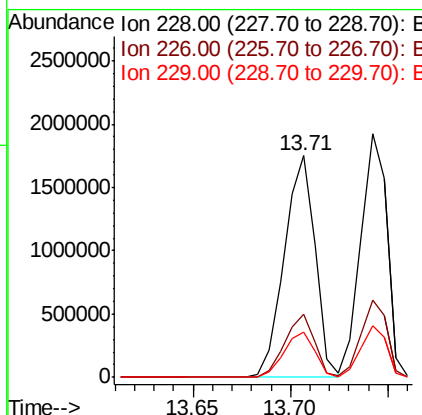
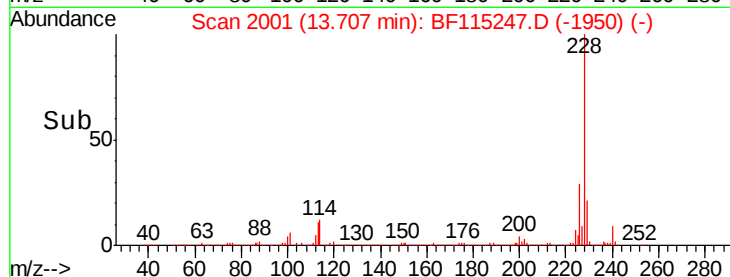
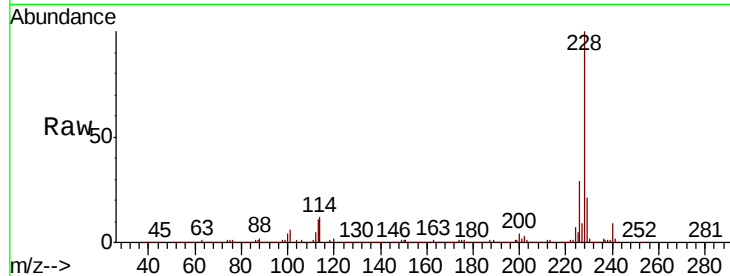
#81
Benzo(a)anthracene
Concen: 43.410 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.6	16.6	24.8

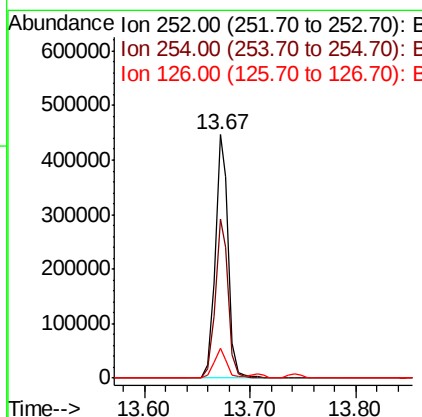
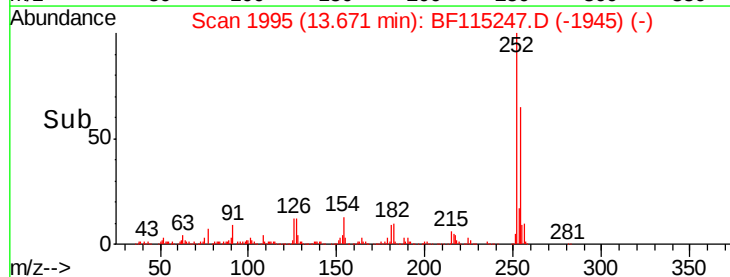
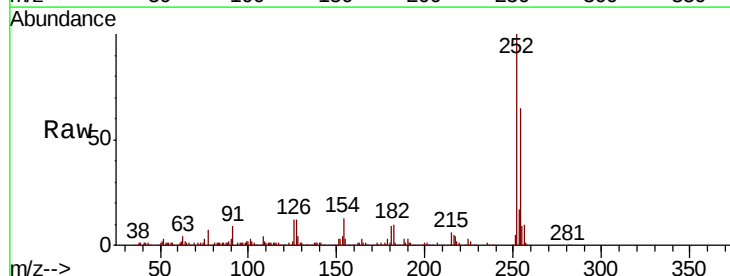
Manual Integrations
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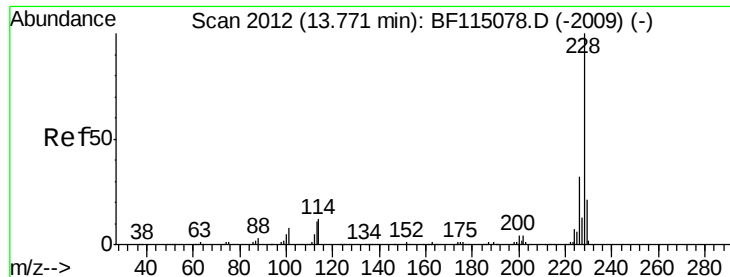
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.705 ng
RT: 13.67 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.1	76.7
126	12.3	9.4	14.0





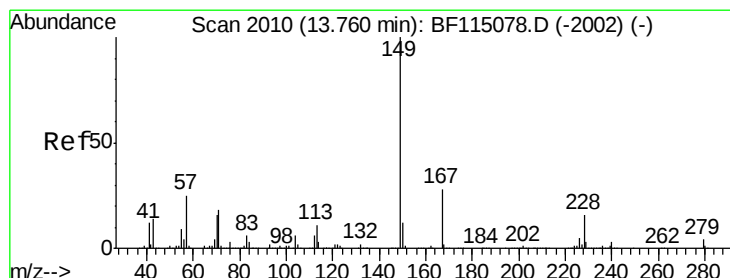
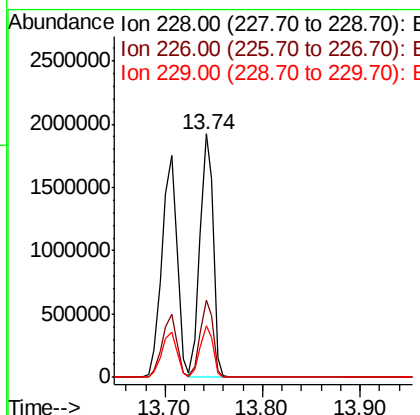
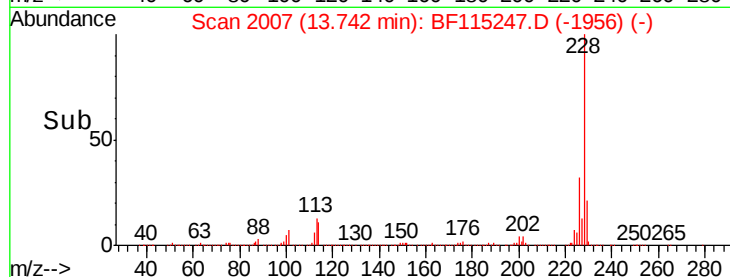
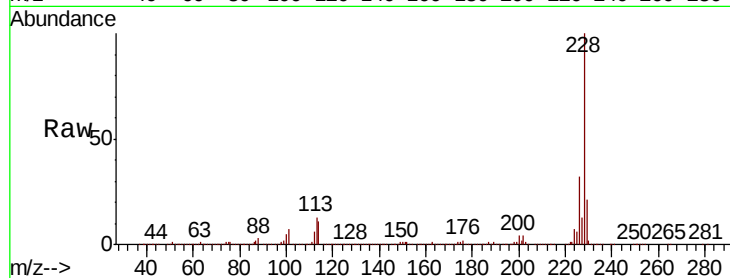
#83
 Chrysene
 Concen: 44.670 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR-SEDIME

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.8	25.4	38.0	
229	21.1	16.5	24.7	

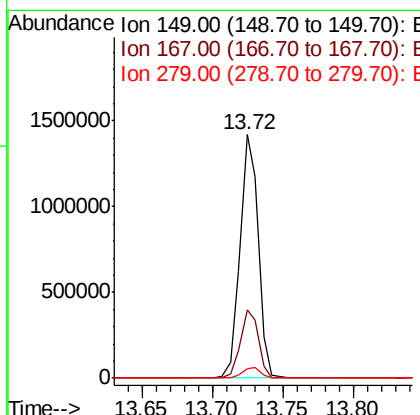
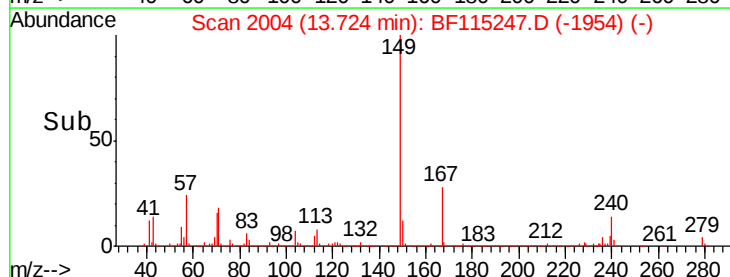
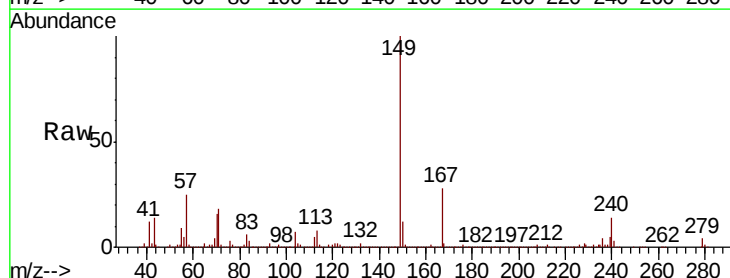
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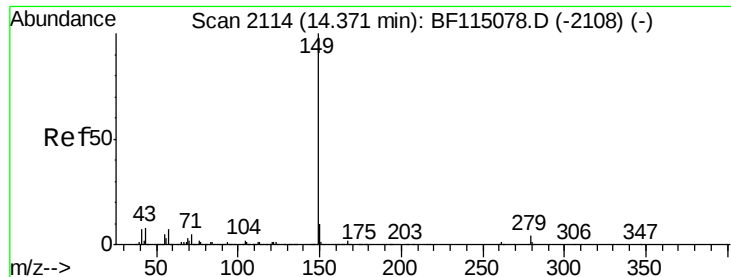
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.528 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF115247.D
 Acq: 27 Jun 2019 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.8	22.2	33.4	
279	3.8	2.9	4.3	





#85

Di-n-octyl phthalate

Concen: 50.613 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:149 Resp: 2320715

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	7.0	10.6

149 100

167 1.6 1.2 1.8

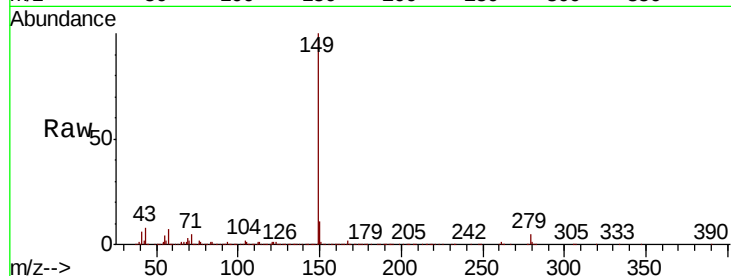
43 8.5 7.0 10.6

Manual Integrations

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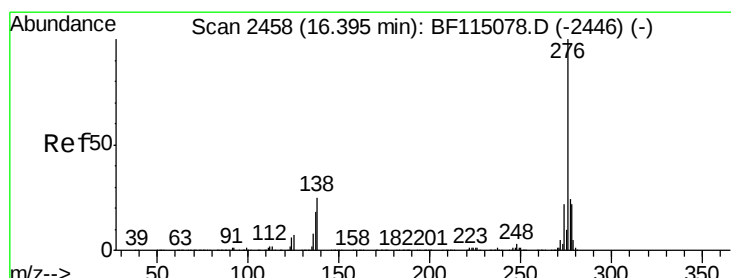
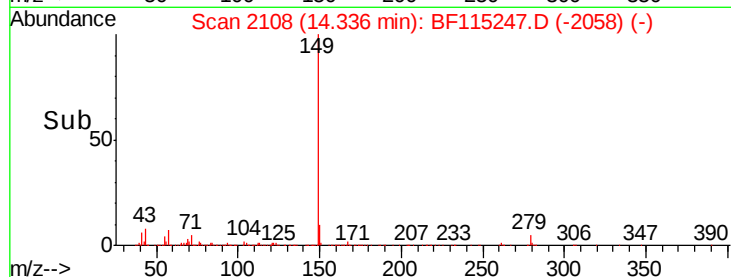
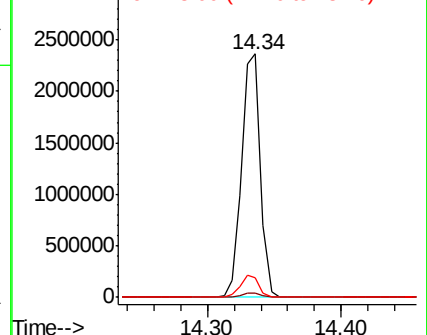


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.276 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

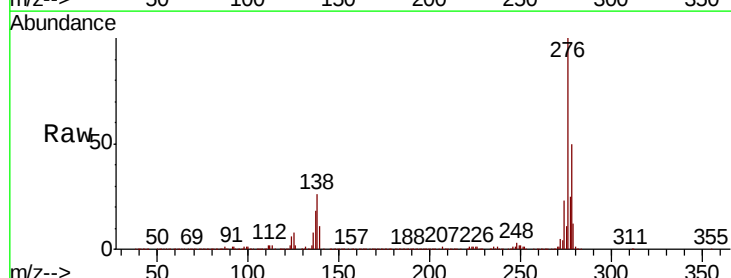
Tgt Ion:276 Resp: 2019147

Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.2	34.8
277	25.6	20.1	30.1

276 100

138 28.1 23.2 34.8

277 25.6 20.1 30.1

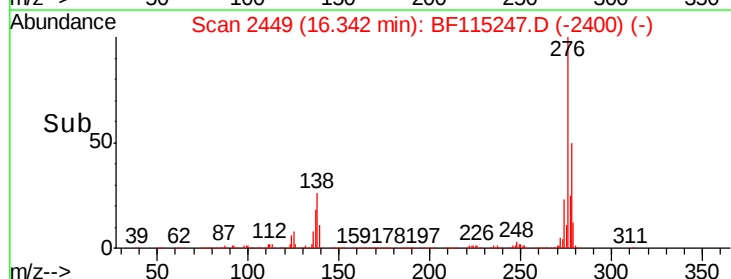
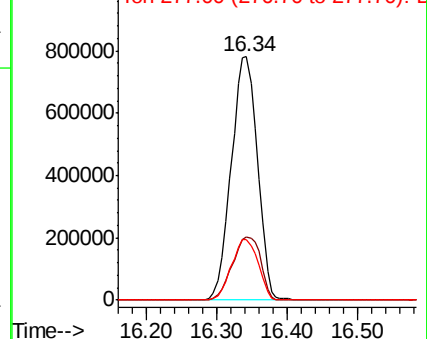


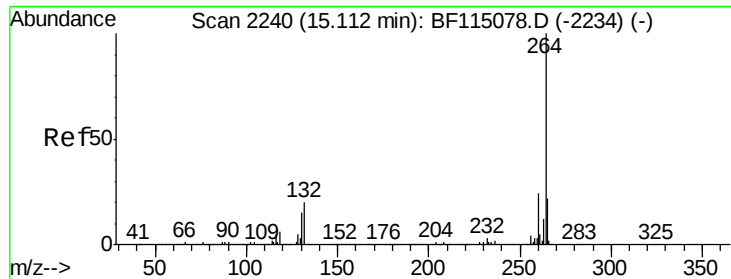
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





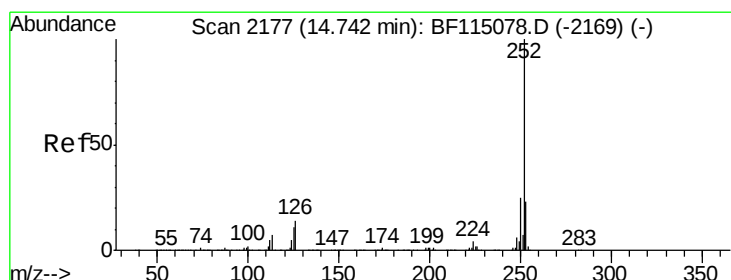
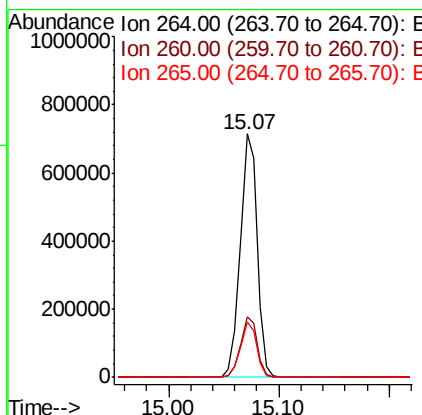
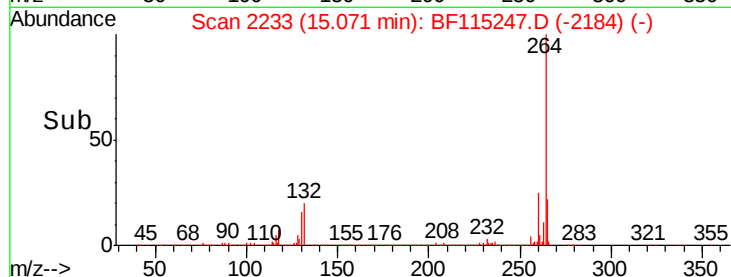
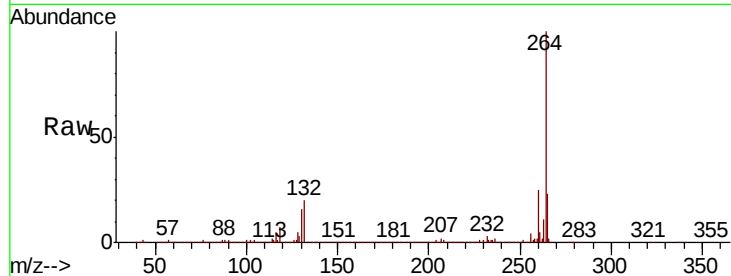
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-SEDIME

Tot Ion:	264	Resp:	773459
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.6	29.4
265	22.5	17.3	25.9

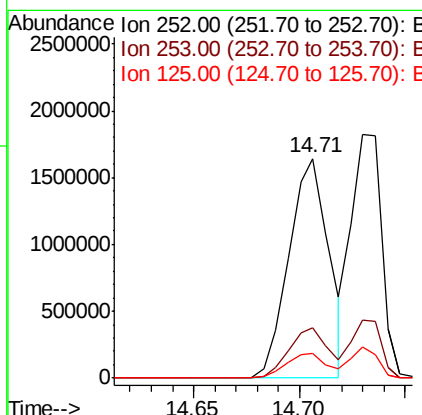
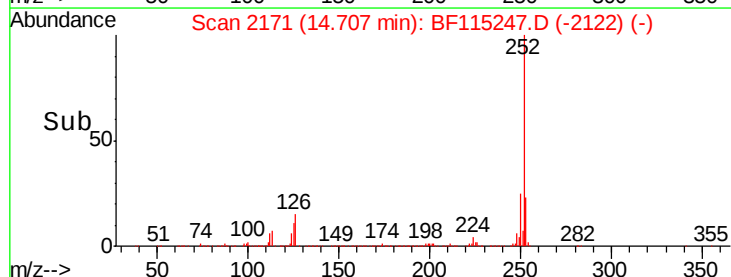
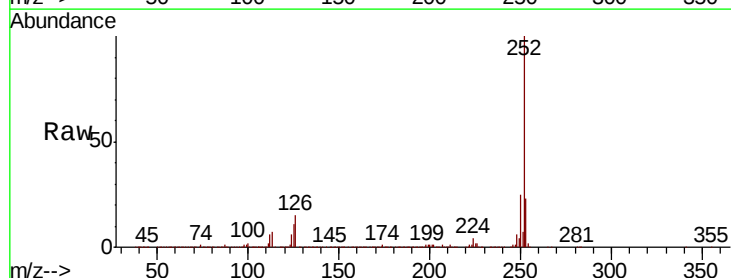
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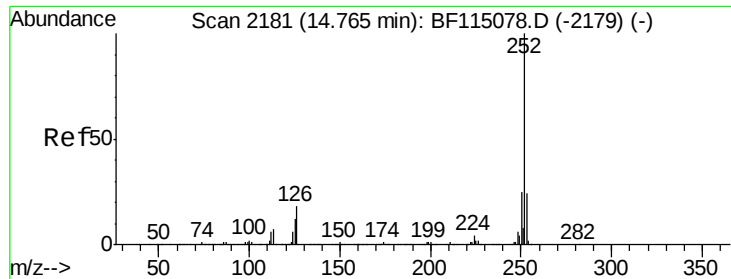
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.866 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion:	252	Resp:	2165305
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	11.1	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 42.588 ng

RT: 14.73 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Instrument :

BNA_F

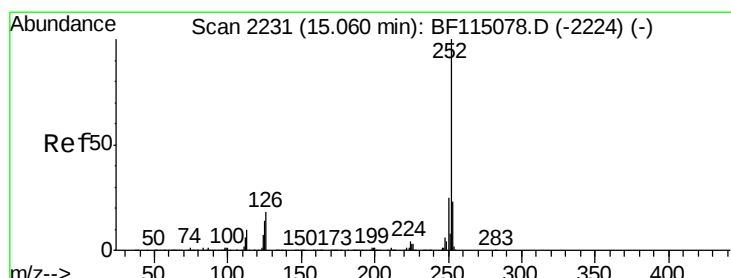
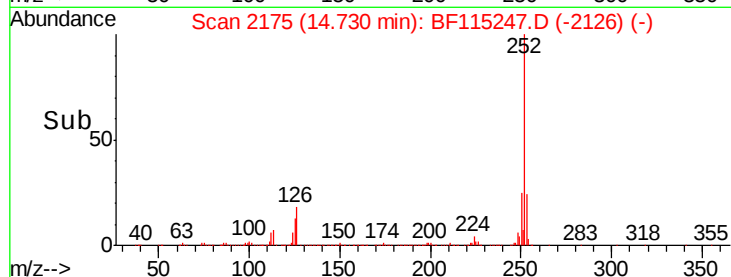
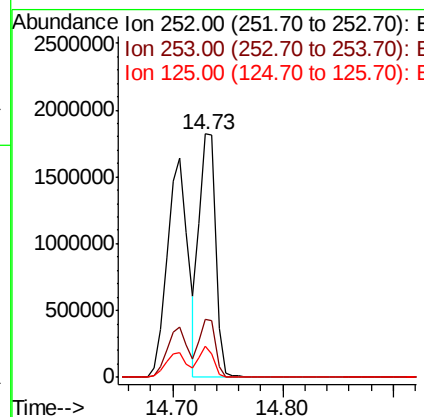
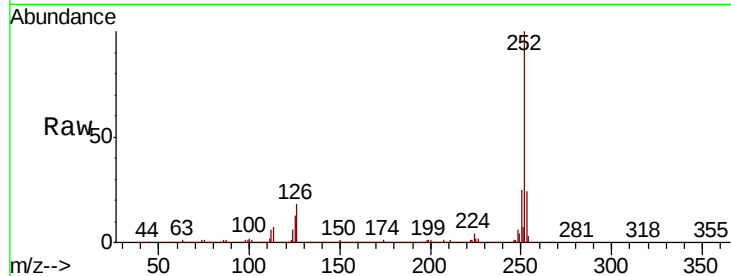
ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:252	Resp: 1843215
Ion Ratio	Lower Upper
252 100	
253 23.8	18.9 28.3
125 12.6	10.2 15.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 45.209 ng

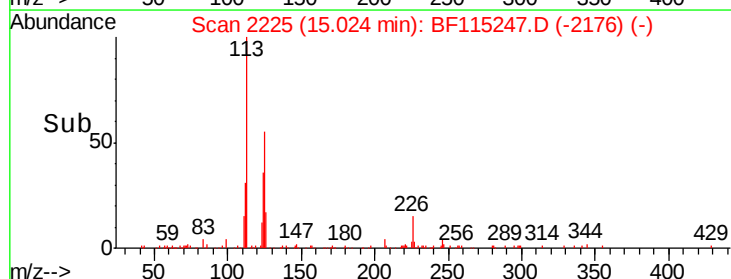
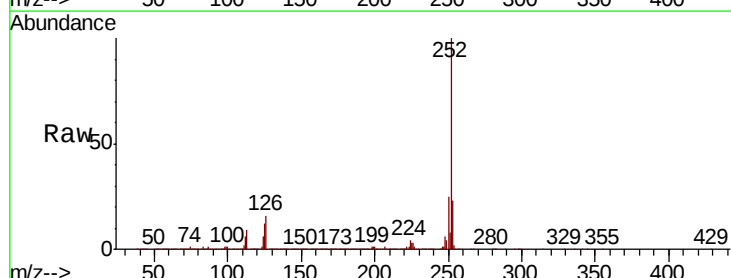
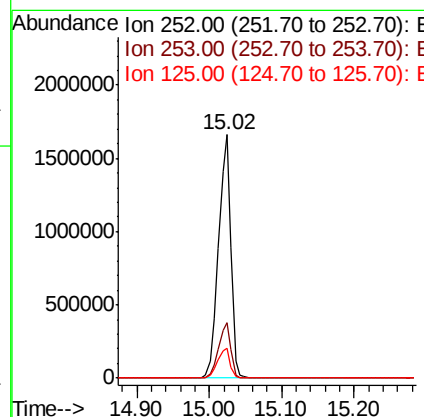
RT: 15.02 min Scan# 2225

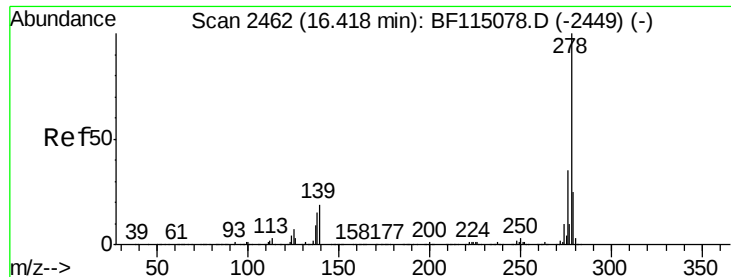
Delta R.T. -0.01 min

Lab File: BF115247.D

Acq: 27 Jun 2019 21:22

Tgt Ion:252	Resp: 1966522
Ion Ratio	Lower Upper
252 100	
253 22.8	18.3 27.5
125 12.0	10.9 16.3





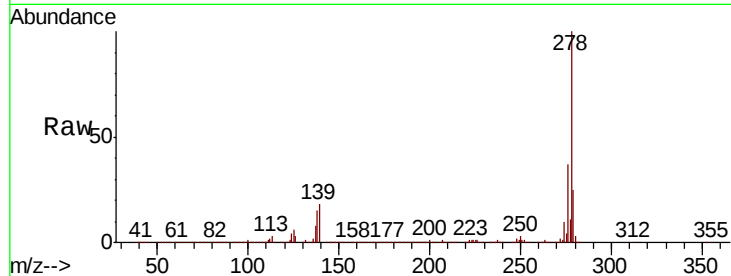
#91
Dibenzo(a,h)anthracene
Concen: 41.491 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.6	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 2:58:36 PM

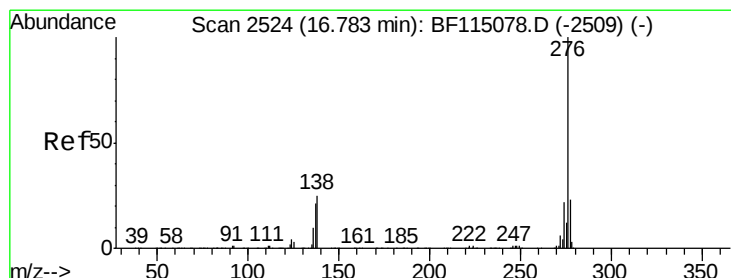
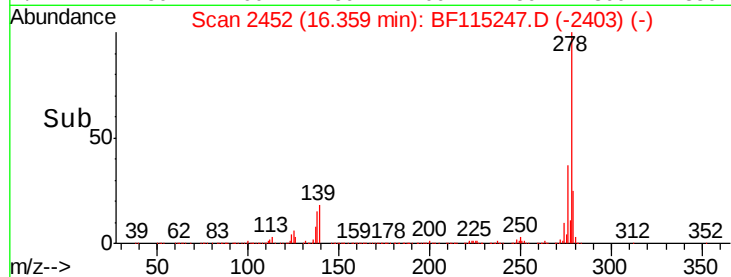
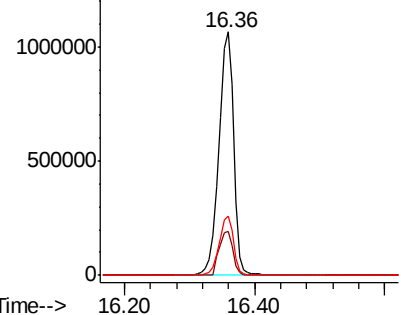


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.477 ng
RT: 16.72 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BF115247.D
Acq: 27 Jun 2019 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.7	19.8	29.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

