

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115851.D
 Acq On : 30 Jul 2019 19:28
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Manual Integrations
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Quant Time: Jul 31 15:43:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 04:26:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135413	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	545003	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	289862	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	504470	20.00	ng	0.00
76) Chrysene-d12	14.02	240	398098	20.00	ng	0.00
87) Perylene-d12	15.49	264	388546	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	957701	118.40	ng	0.00
7) Phenol-d6	6.49	99	1195415	117.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	763431	80.86	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	332623	118.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1289628	83.34	ng	0.00
79) Terphenyl-d14	12.96	244	1418797	75.10	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.60	88	42473	10.394 ng	99
3) Pyridine	3.41	79	88842	7.783 ng	99
4) n-Nitrosodimethylamine	3.30	42	42492	9.433 ng	95
6) Aniline	6.52	93	149668	10.240 ng	99
8) 2-Chlorophenol	6.64	128	93814	10.488 ng	97
9) Benzaldehyde	6.40	77	80587	11.444 ng	99
10) Phenol	6.49	94	126909	10.560 ng	93
11) bis(2-Chloroethyl)ether	6.59	93	88639	10.032 ng	98
12) 1,3-Dichlorobenzene	6.79	146	104498	10.109 ng	97
13) 1,4-Dichlorobenzene	6.87	146	107000	10.338 ng	98
14) 1,2-Dichlorobenzene	7.02	146	98601	10.346 ng	99
15) Benzyl Alcohol	6.99	79	85445	11.032 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	119195	9.890 ng	99
17) 2-Methylphenol	7.10	107	78460	10.359 ng	97
18) Hexachloroethane	7.36	117	37076	9.729 ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	66630	10.536 ng	97
20) 3+4-Methylphenols	7.26	107	102586	11.446 ng	# 55
22) Acetophenone	7.26	105	134528	11.255 ng	97
24) Nitrobenzene	7.43	77	107837	10.578 ng	98
25) Isophorone	7.66	82	182913	10.131 ng	96
26) 2-Nitrophenol	7.75	139	46326	9.640 ng	95
27) 2,4-Dimethylphenol	7.78	122	78877	10.910 ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	111787	9.990 ng	99
29) 2,4-Dichlorophenol	7.99	162	78014	10.219 ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	86554	9.946 ng	98
31) Naphthalene	8.15	128	284076	11.077 ng	98
32) Benzoic acid	7.87	122	30160m	5.917 ng	
33) 4-Chloroaniline	8.20	127	115729	10.099 ng	97
34) Hexachlorobutadiene	8.27	225	49101	9.796 ng	98
35) Caprolactam	8.55	113	24276	9.832 ng	96
36) 4-Chloro-3-methylphenol	8.69	107	82564	10.396 ng	95
37) 2-Methylnaphthalene	8.85	142	186701	11.054 ng	99
38) 1-Methylnaphthalene	8.95	142	176278	11.032 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	82830	10.689 ng	99

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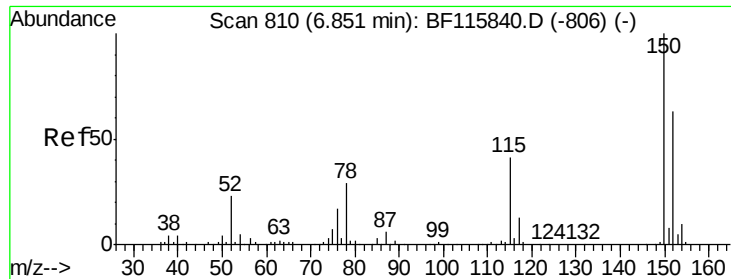
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	18592	6.138	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	49530	9.286	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	54936	9.964	nq	97
46) 1,1'-Biphenyl	9.31	154	230947	11.285	nq	98
47) 2-Chloronaphthalene	9.34	162	175029	10.276	nq	99
48) 2-Nitroaniline	9.43	65	52218	9.275	nq	84
49) Acenaphthylene	9.75	152	276697	11.135	nq	98
50) Dimethylphthalate	9.60	163	192607	9.759	nq	99
51) 2,6-Dinitrotoluene	9.67	165	41330	9.636	nq #	86
52) Acenaphthene	9.92	154	164824	10.812	nq	100
53) 3-Nitroaniline	9.84	138	48645	9.179	nq	94
54) 2,4-Dinitrophenol	9.96	184	8924	4.900	nq	92
55) Dibenzofuran	10.10	168	248332	11.202	nq	100
56) 4-Nitrophenol	10.00	139	26523	7.812	nq	93
57) 2,4-Dinitrotoluene	10.07	165	54566	9.555	nq	90
58) Fluorene	10.44	166	194418	11.399	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	44157	9.519	nq	99
60) Diethylphthalate	10.31	149	184134	9.993	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	91553	10.599	nq	95
62) 4-Nitroaniline	10.45	138	50805	9.276	nq	99
63) Azobenzene	10.59	77	200775	10.593	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	19626	7.341	nq	95
66) n-Nitrosodiphenylamine	10.55	169	165183	10.879	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	54151	10.027	nq	96
68) Hexachlorobenzene	10.99	284	61132	9.790	nq	99
69) Atrazine	11.07	200	48697	9.749	nq	98
70) Pentachlorophenol	11.19	266	21056	6.945	nq	94
71) Phenanthrene	11.40	178	288093	11.171	nq	98
72) Anthracene	11.45	178	290921	11.146	nq	99
73) Carbazole	11.61	167	259678	10.966	nq	98
74) Di-n-butylphthalate	11.94	149	274030	9.920	nq	98
75) Fluoranthene	12.59	202	293753	10.880	nq	99
77) Benzidine	12.71	184	142525	10.597	nq	99
78) Pyrene	12.82	202	306136	10.201	nq	98
80) Butylbenzylphthalate	13.43	149	106870	8.419	nq	98
81) Benzo(a)anthracene	14.01	228	254670	10.009	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	92160	10.425	nq	98
83) Chrysene	14.04	228	251001	10.161	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	145597	8.826	nq	99
85) Di-n-octyl phthalate	14.60	149	225857	8.620	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	190142	9.164	nq	100
88) Benzo(b)fluoranthene	15.06	252	214771	9.560	nq	99
89) Benzo(k)fluoranthene	15.09	252	226985	10.373	nq	98
90) Benzo(a)pyrene	15.42	252	198137	9.866	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	157644	9.068	nq	98
92) Benzo(g,h,i)perylene	17.40	276	155691	9.119	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

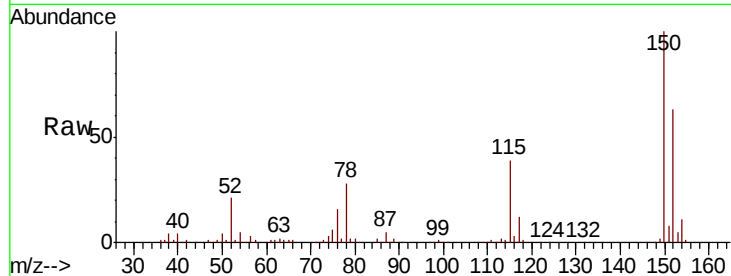
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.0
115	62.5	51.8	77.8

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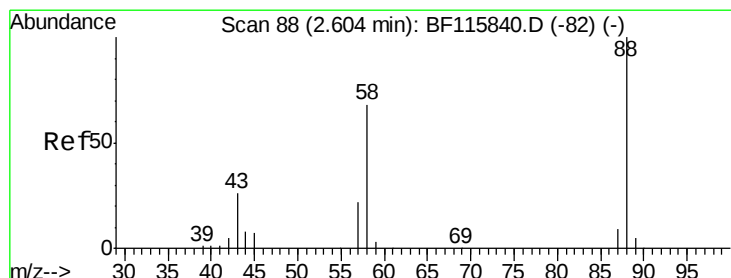
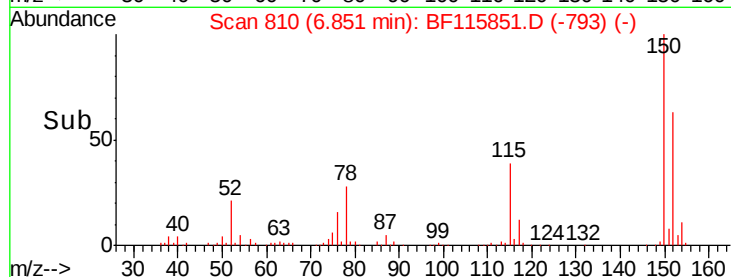
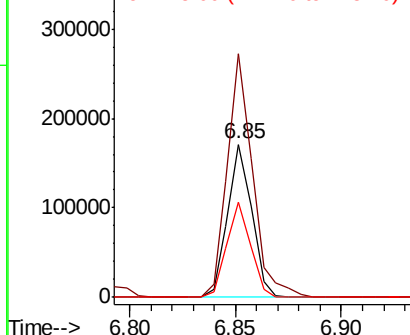


Abundance

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: 10.394 ng

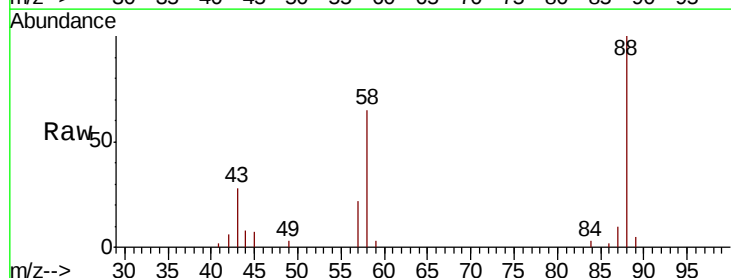
RT: 2.60 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	54.1	81.1
43	26.8	20.7	31.1

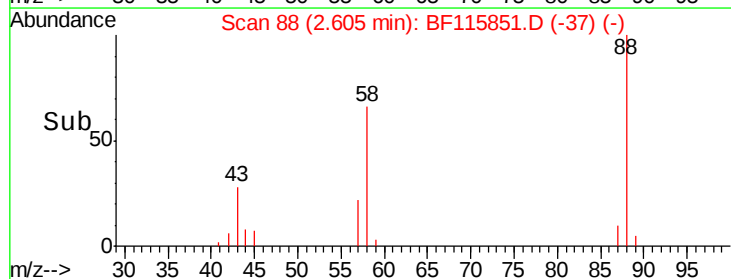
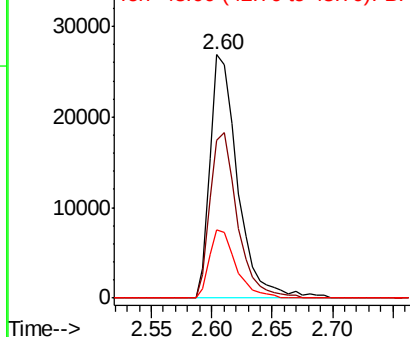


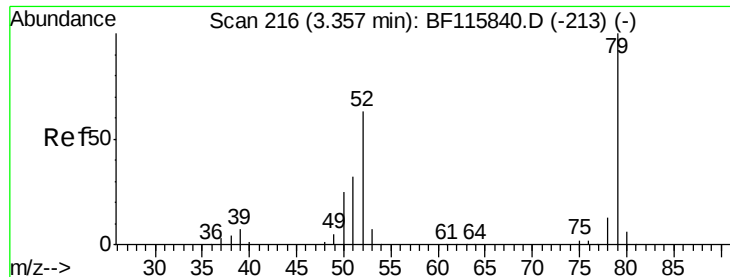
Abundance

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





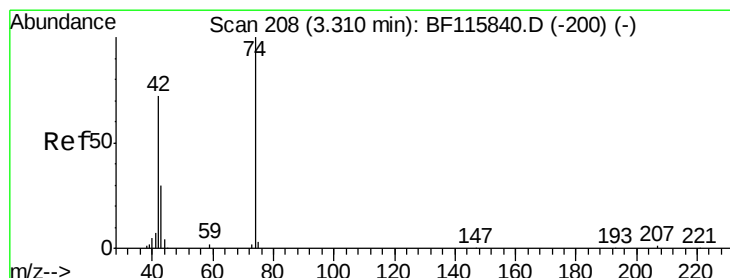
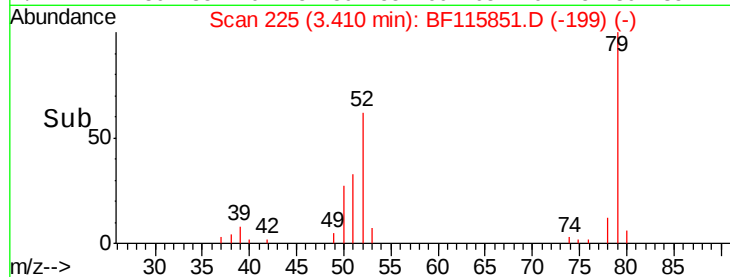
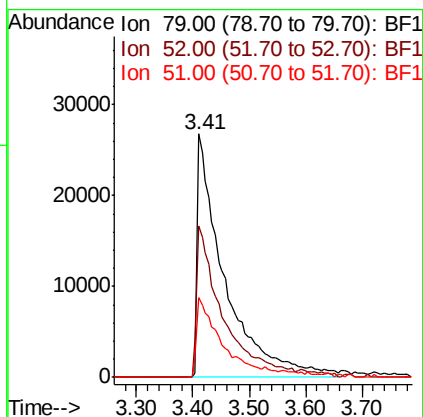
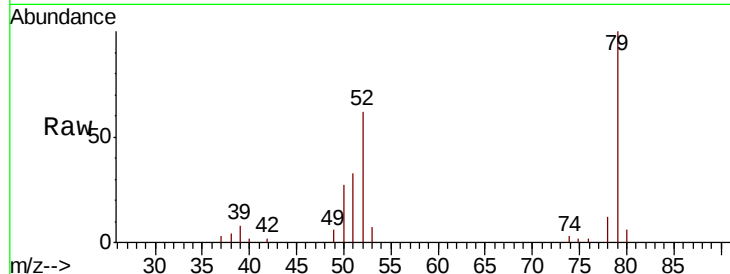
#3
 Pvridine
 Concen: 7.783 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.4
51	32.7	25.8	38.6

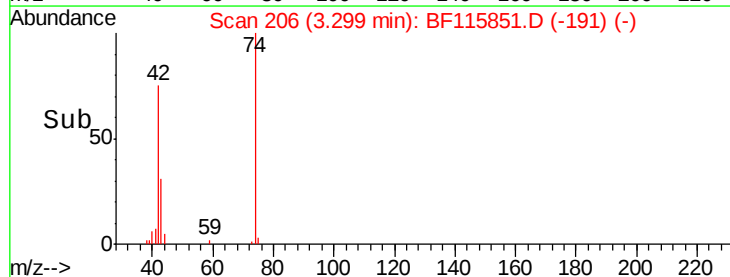
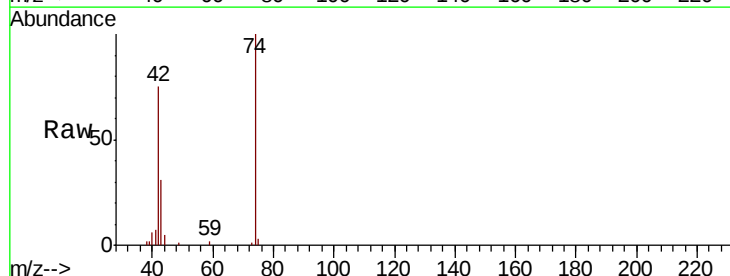
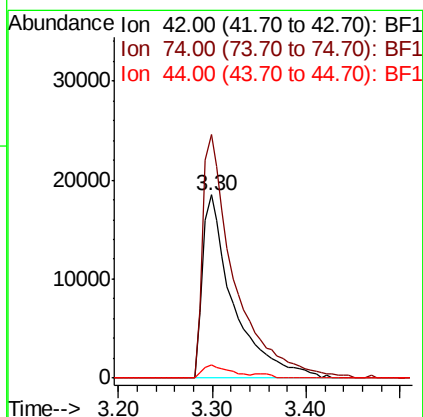
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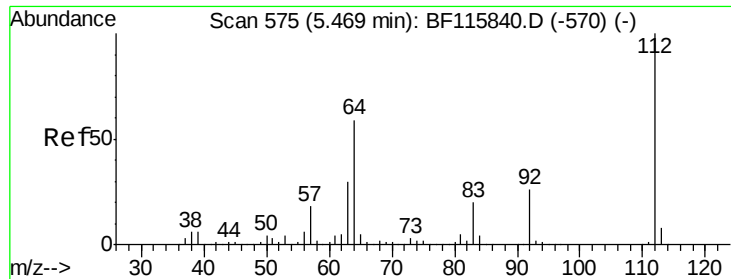
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#4
 n-Nitrosodimethylamine
 Concen: 9.433 ng
 RT: 3.30 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.1	111.0	166.4
44	7.0	4.7	7.1





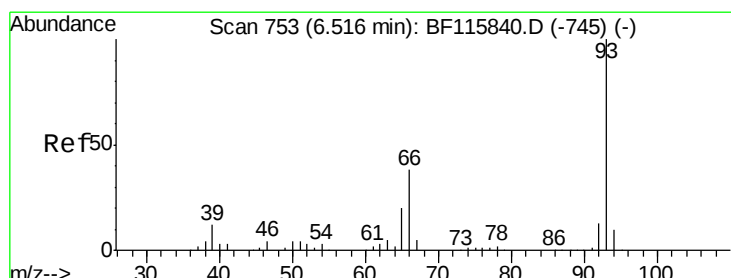
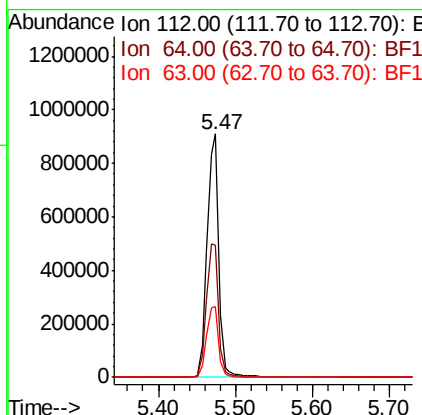
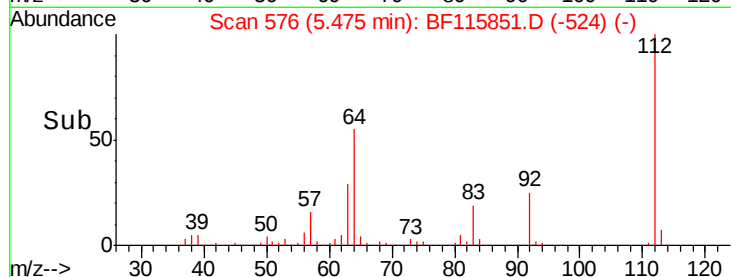
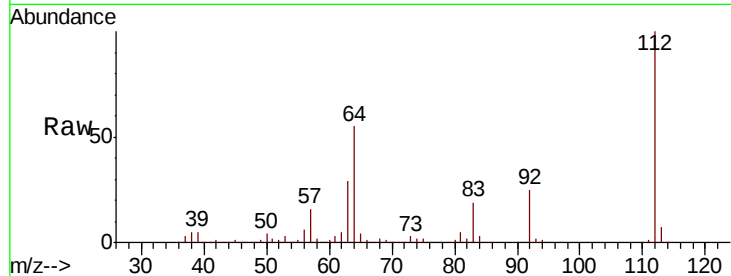
#5
2-Fluorophenol
Concen: 118.397 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
112	100	957701		
64	54.5	46.8	70.2	
63	28.9	24.2	36.2	

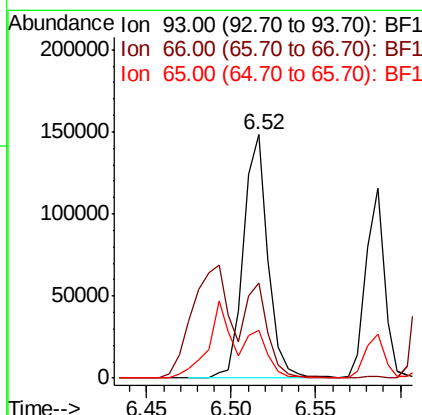
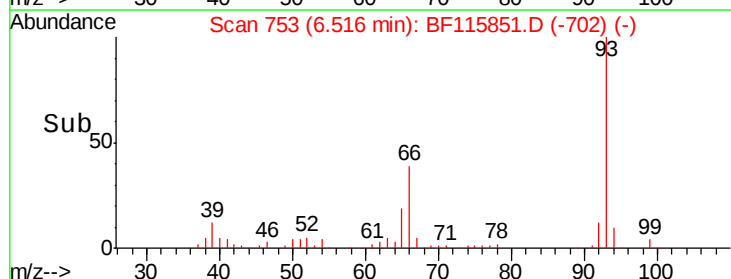
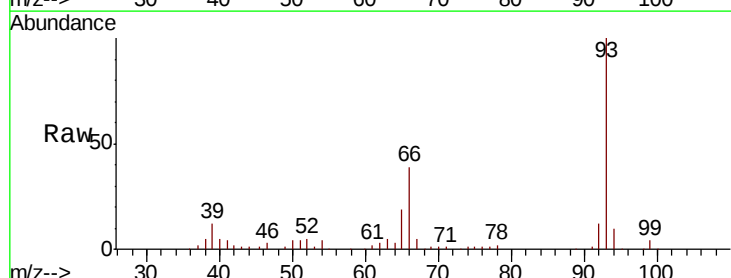
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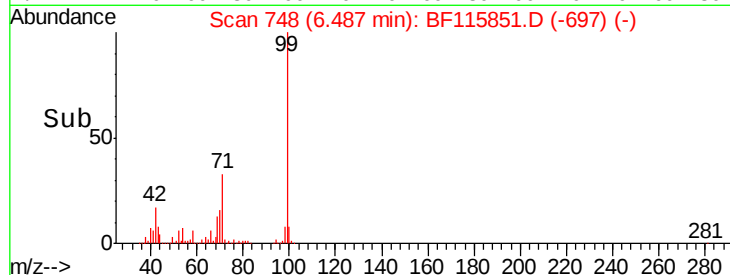
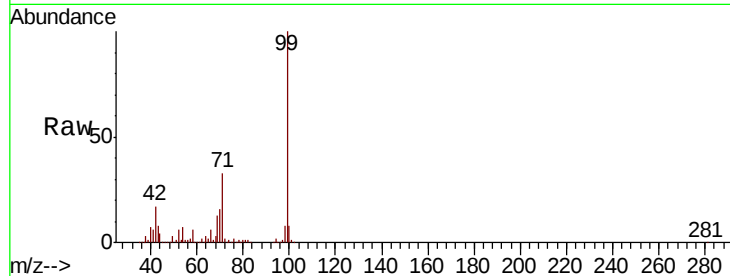
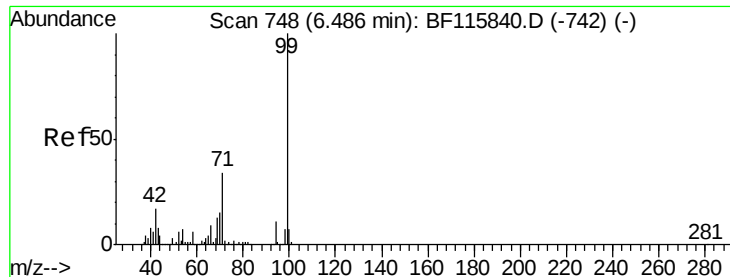
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#6
Aniline
Concen: 10.240 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	149668		
66	38.9	31.4	47.0	
65	19.5	16.5	24.7	





#7

Phenol-d6

Concen: 117.134 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 99 Resp: 1195415

Ion Ratio Lower Upper

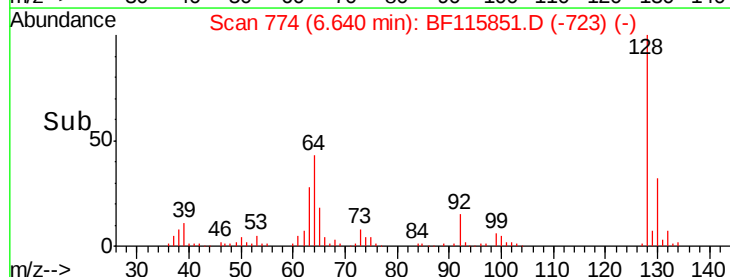
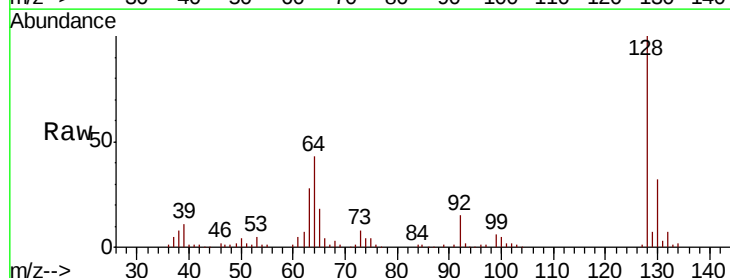
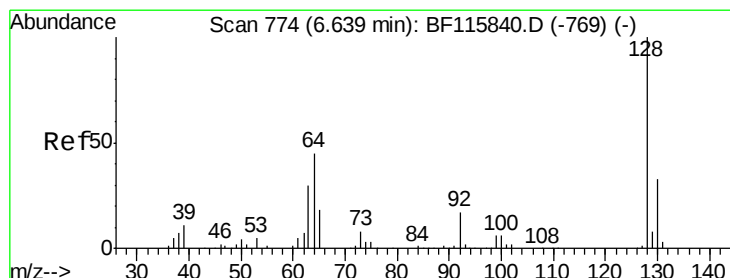
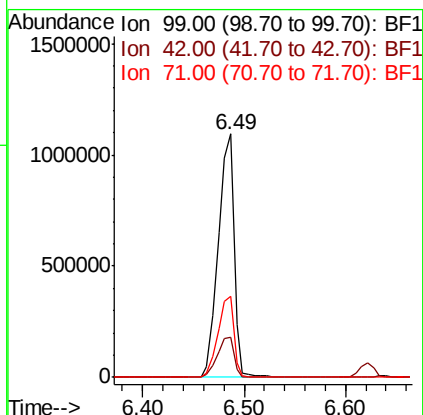
99 100

42 16.7 13.8 20.6

71 33.3 27.1 40.7

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#8

2-Chlorophenol

Concen: 10.488 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

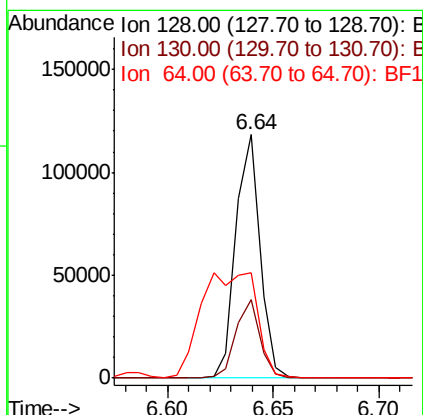
Tgt Ion: 128 Resp: 93814

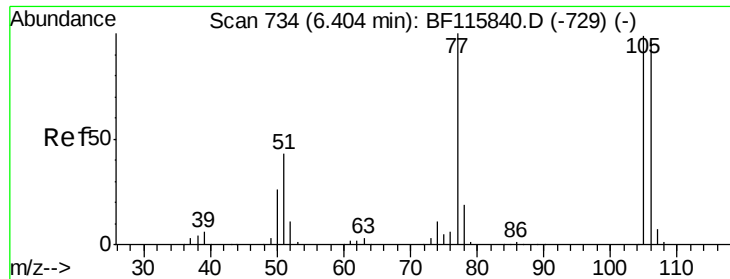
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 43.3 26.1 66.1





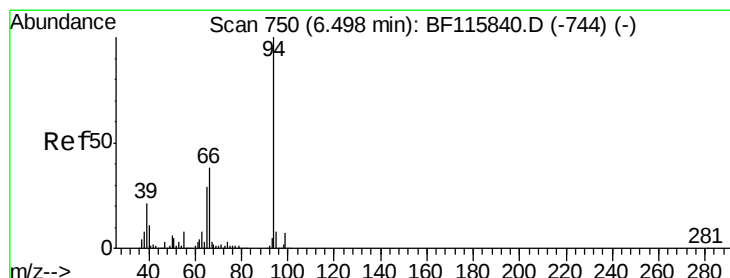
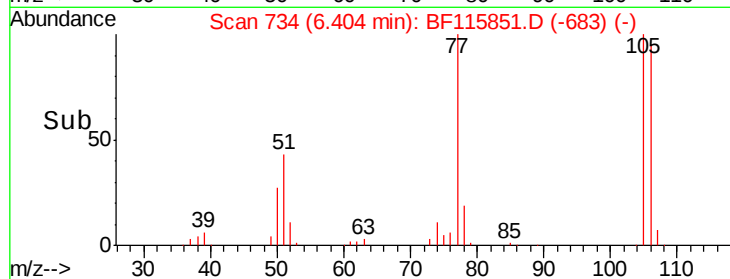
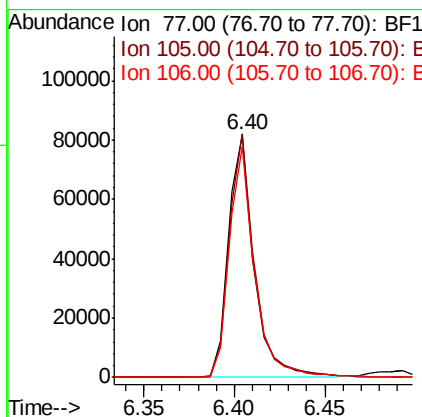
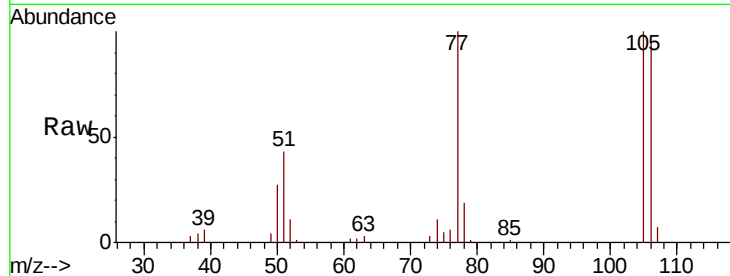
#9
Benzaldehyde
Concen: 11.444 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	79.0	119.0
106	94.9	76.2	116.2

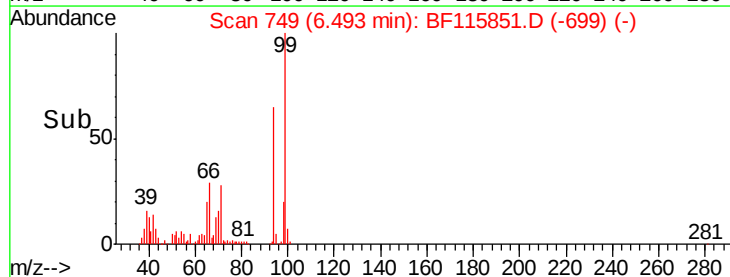
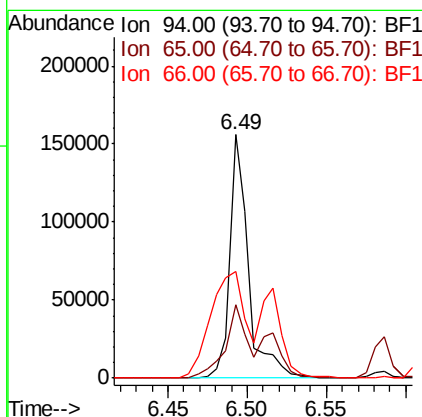
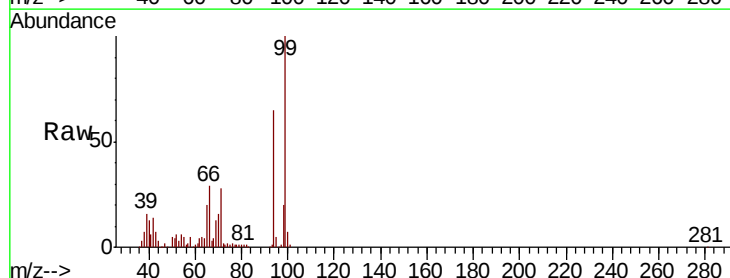
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#10
Phenol
Concen: 10.560 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	8.9	48.9
66	43.9	18.0	58.0





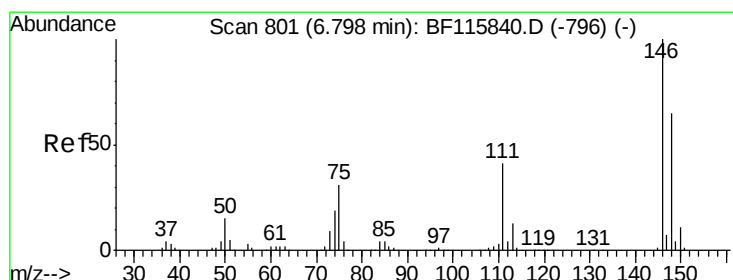
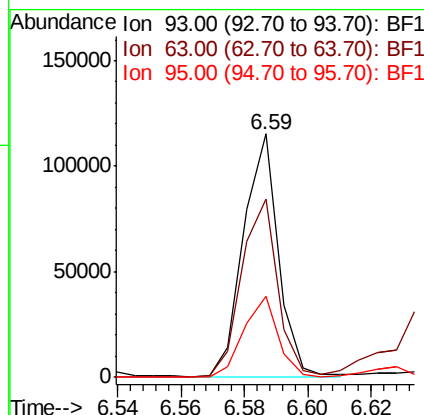
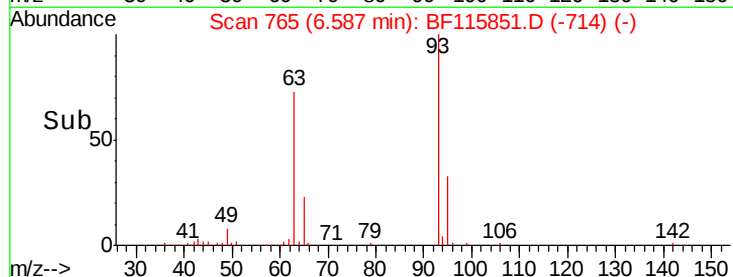
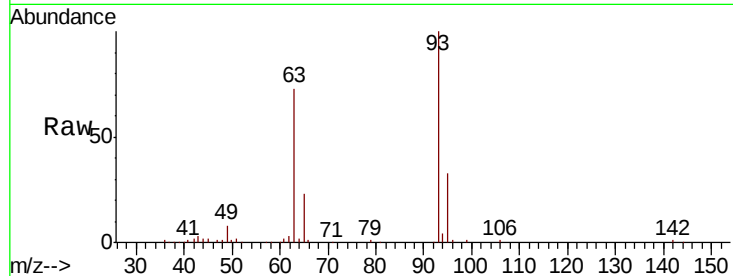
#11
bis(2-Chloroethyl)ether
Concen: 10.032 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	54.9	94.9
95	33.4	13.3	53.3

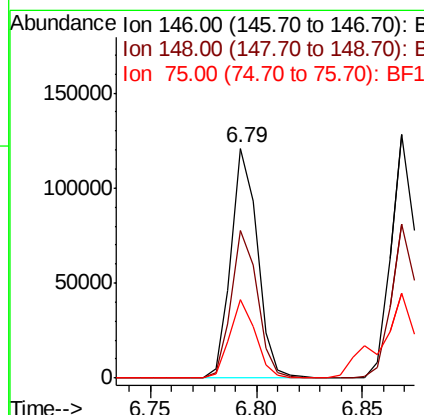
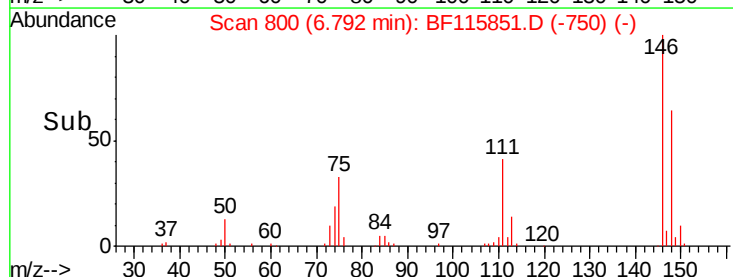
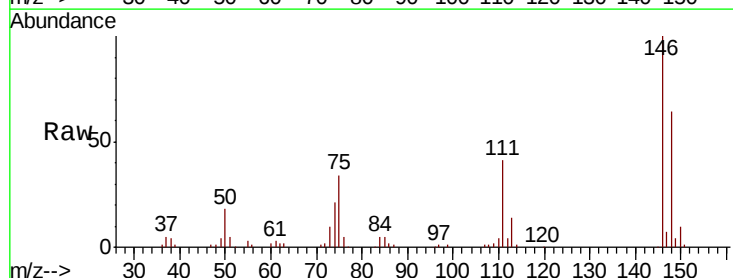
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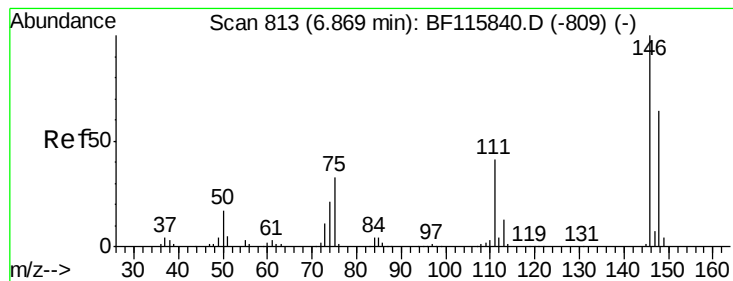
mohammad
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#12
1,3-Dichlorobenzene
Concen: 10.109 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	34.1	25.0	37.6





#13

1,4-Dichlorobenzene

Concen: 10.338 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

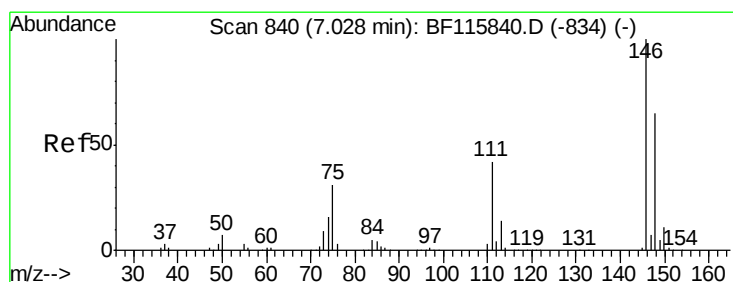
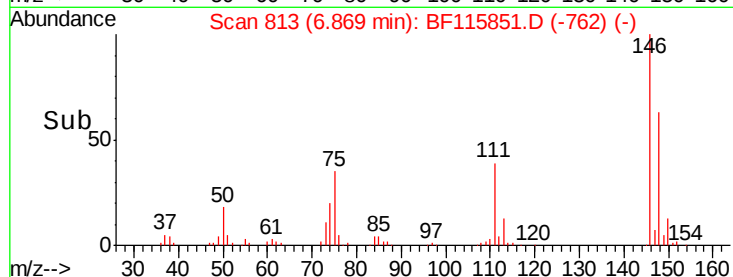
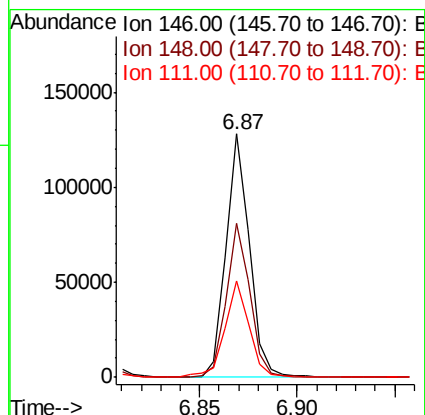
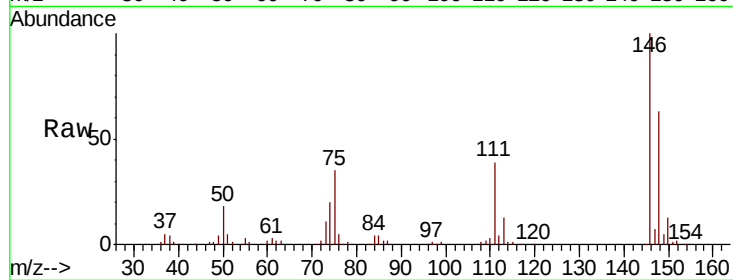
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	146	Resp:	107000
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.2	76.8
111	39.5	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 10.346 ng

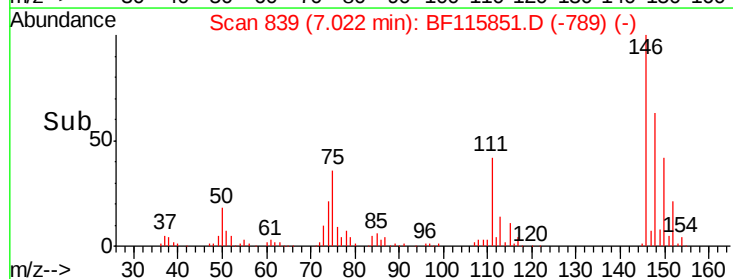
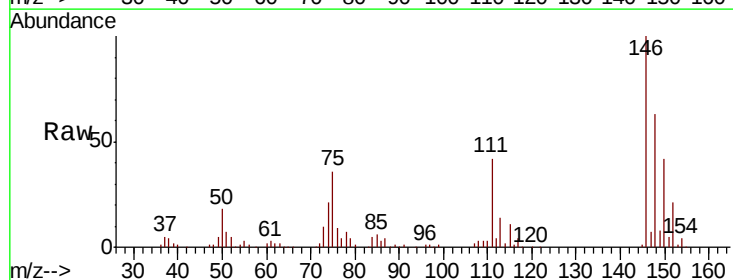
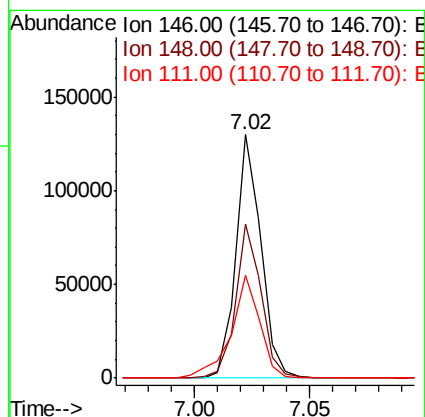
RT: 7.02 min Scan# 839

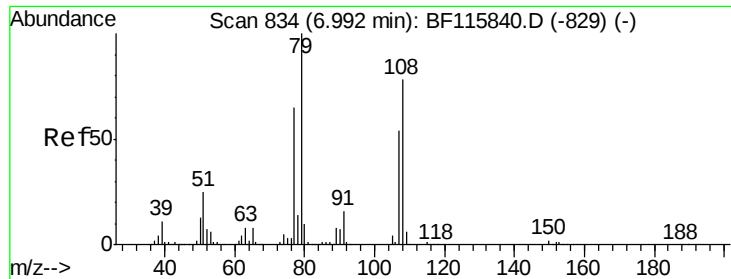
Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:	146	Resp:	98601
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.6	77.4
111	42.3	33.6	50.4





#15

Benzyl Alcohol

Concen: 11.032 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

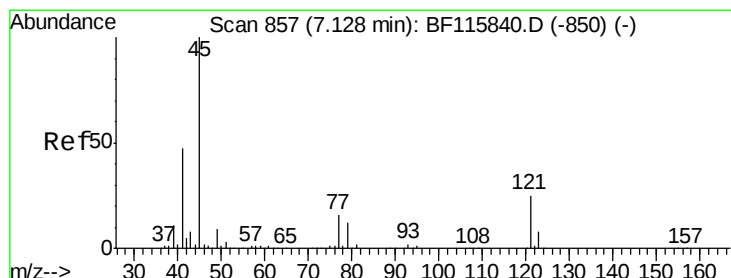
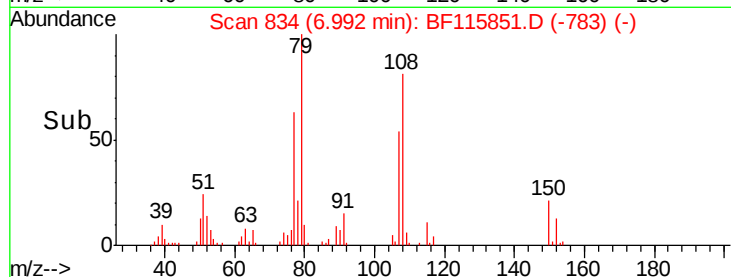
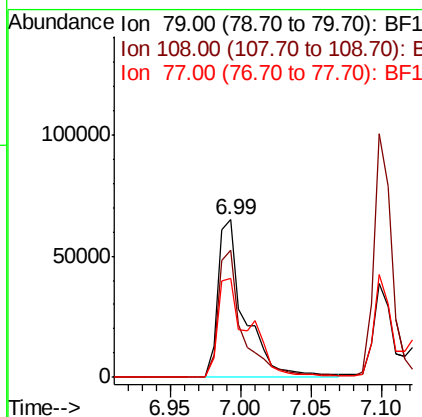
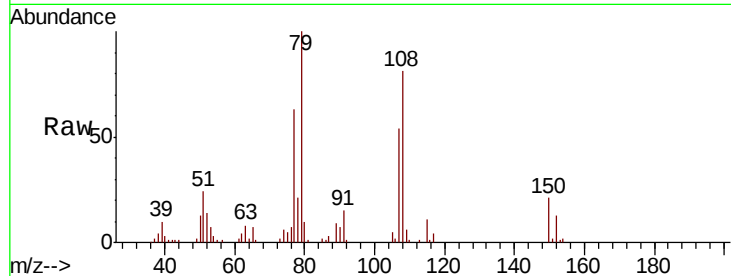
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	79	Resp:	85445
Ion	Ratio	Lower	Upper
79	100		
108	81.1	62.8	94.2
77	63.1	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 9.890 ng

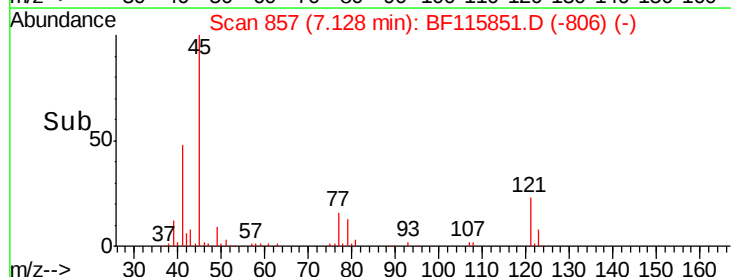
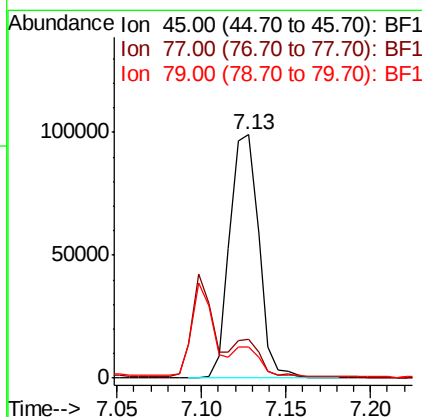
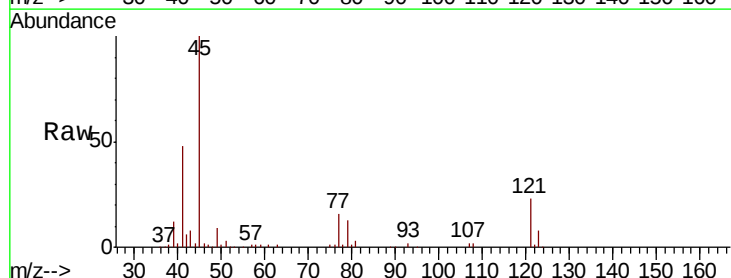
RT: 7.13 min Scan# 857

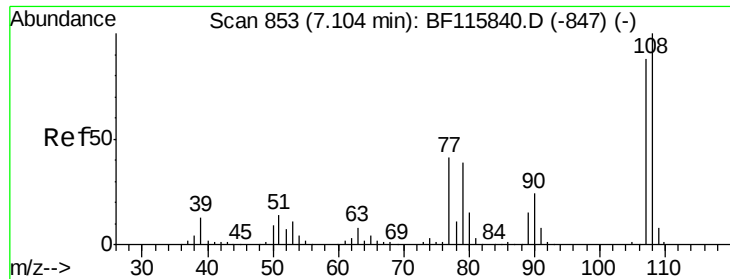
Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:	45	Resp:	119195
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	36.3
79	13.0	0.0	32.5





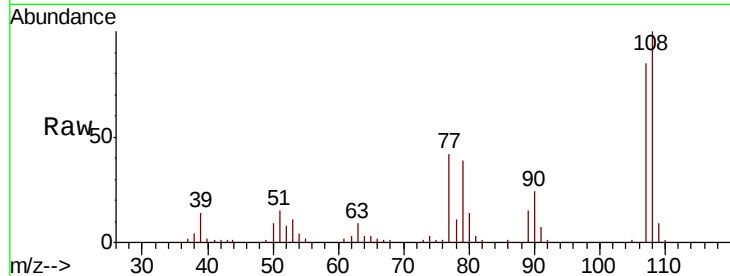
#17
2-Methylphenol
Concen: 10.359 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:	107	Resp:	78460
Ion	Ratio	Lower	Upper
107	100		
108	117.8	91.4	137.0
77	50.0	37.6	56.4
79	45.4	36.2	54.4

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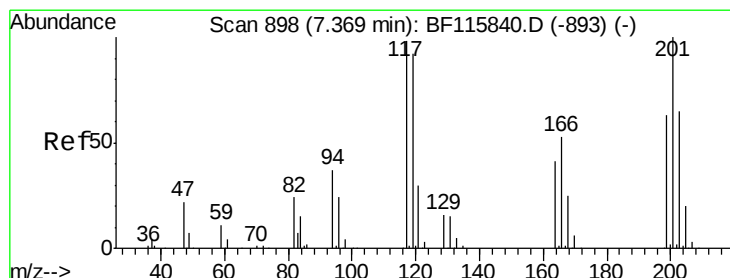
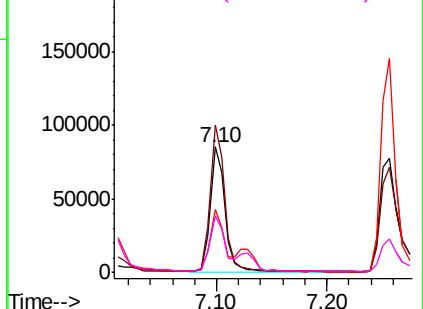
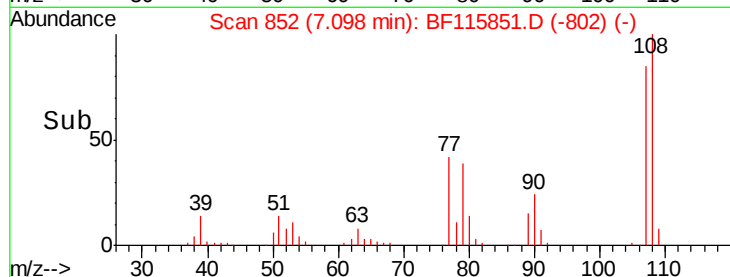
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

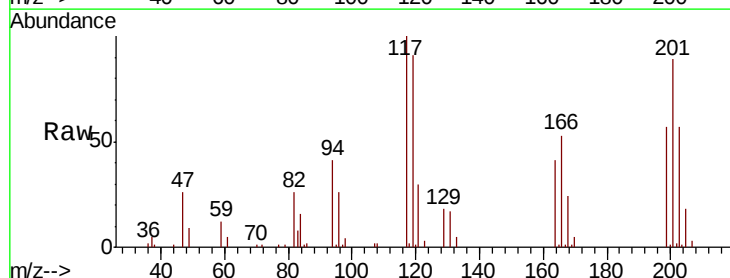
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 9.729 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:	117	Resp:	37076
Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.8	113.6
201	89.0	82.0	123.0

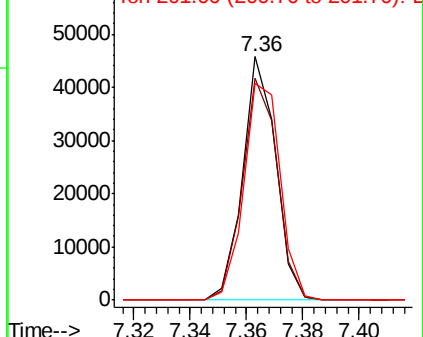
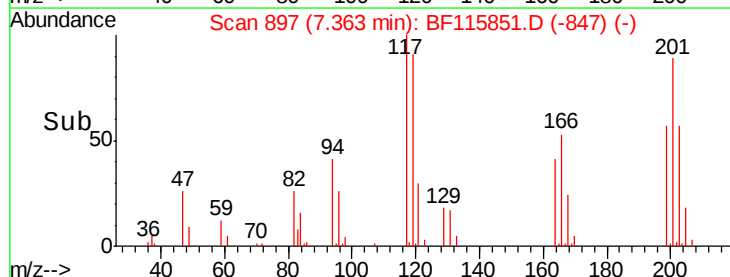


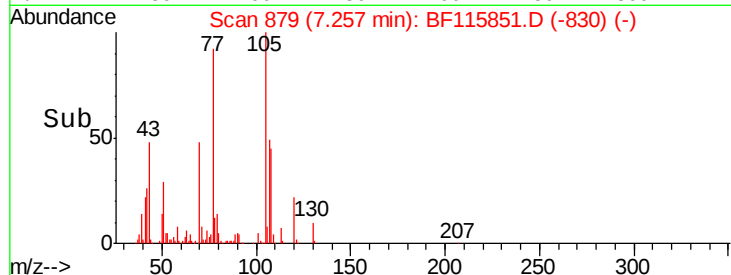
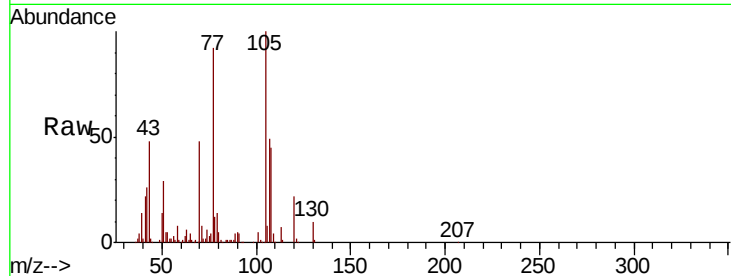
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





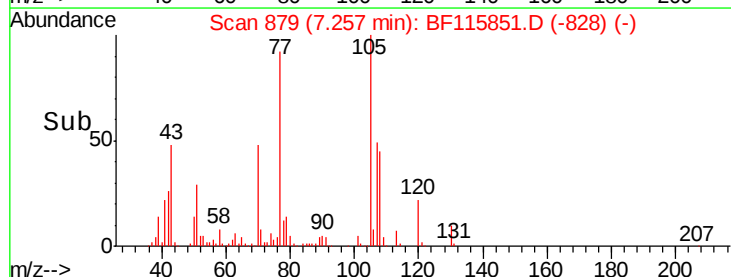
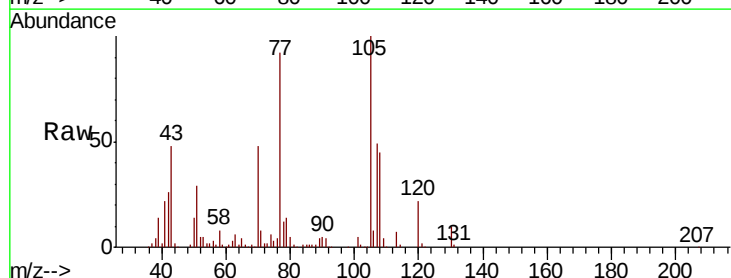
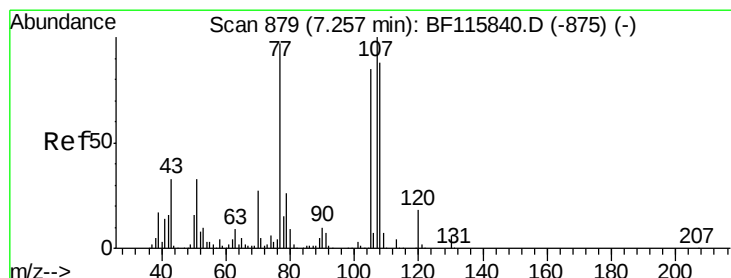
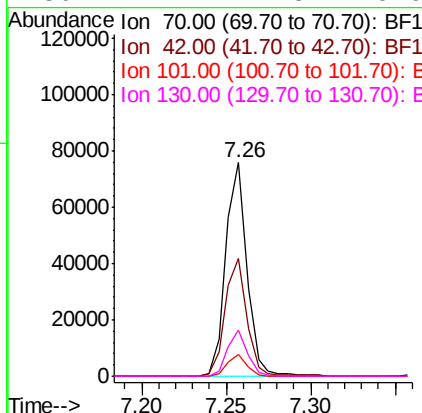
#19
n-Nitroso-di-n-propylamine
Concen: 10.536 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	41.8	62.8
101	9.9	7.7	11.5
130	21.4	17.8	26.6

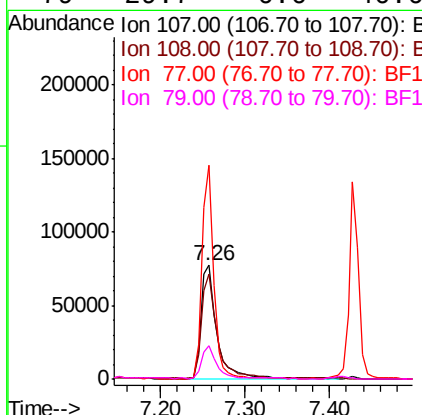
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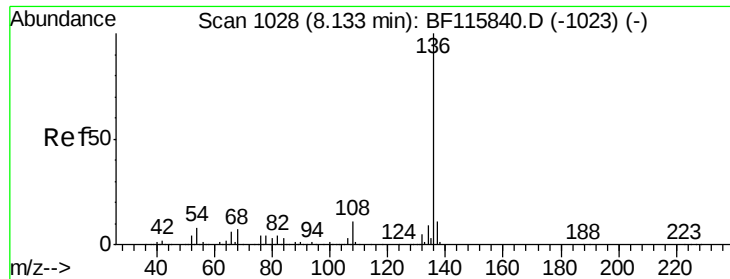
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#20
3+4-Methylphenols
Concen: 11.446 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	67.9	107.9
77	188.4	77.3	117.3
79	29.7	6.6	46.6





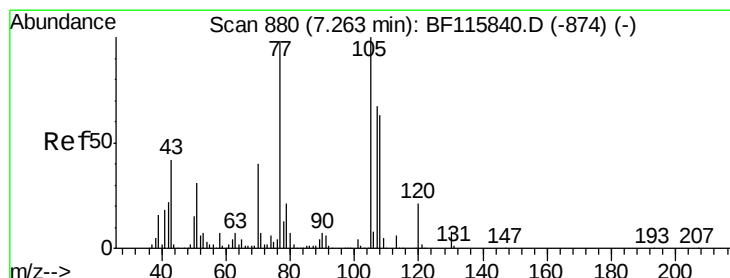
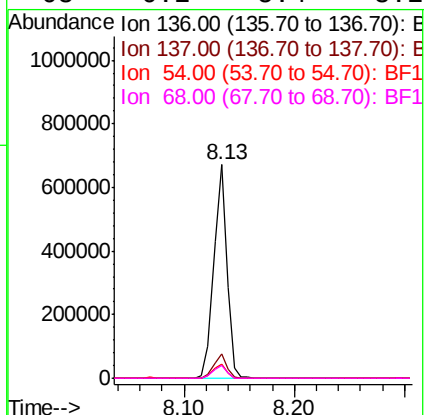
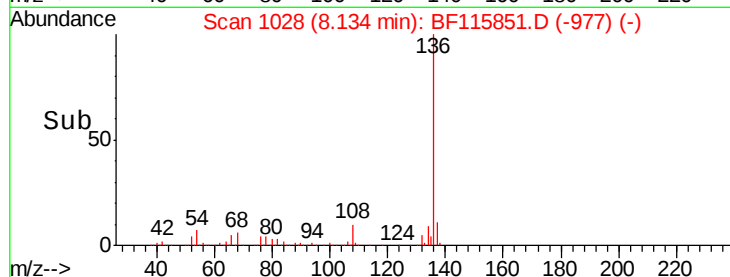
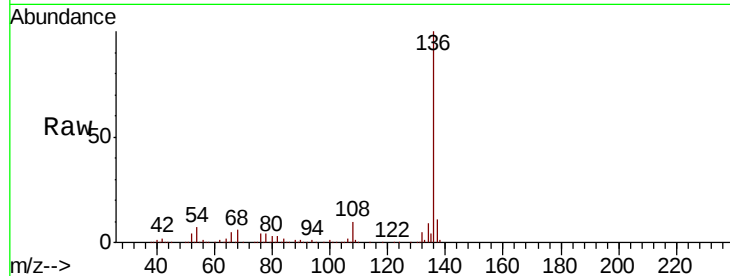
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	545003		
137	11.1		9.1	13.7
54	6.7		6.1	9.1
68	6.2		5.4	8.2

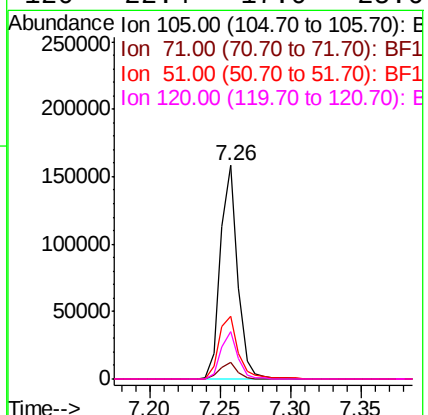
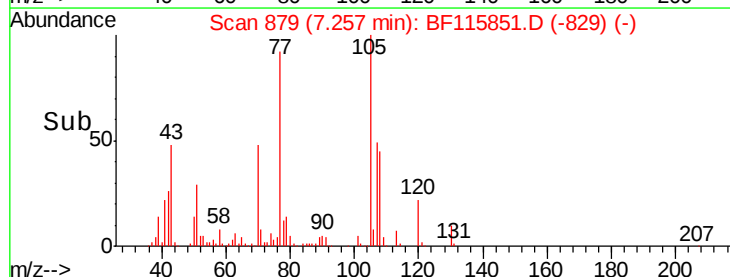
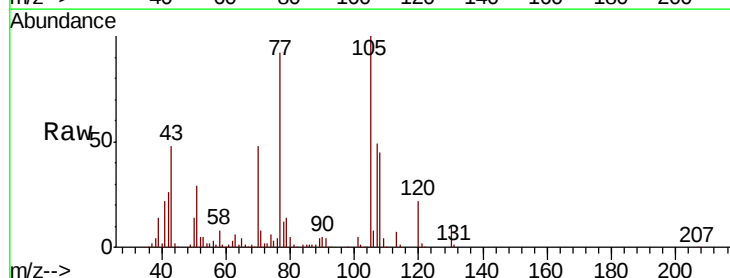
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#22
Acetophenone
Concen: 11.255 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134528		
71	7.7		5.4	8.0
51	29.1		24.6	36.8
120	22.4		17.0	25.6





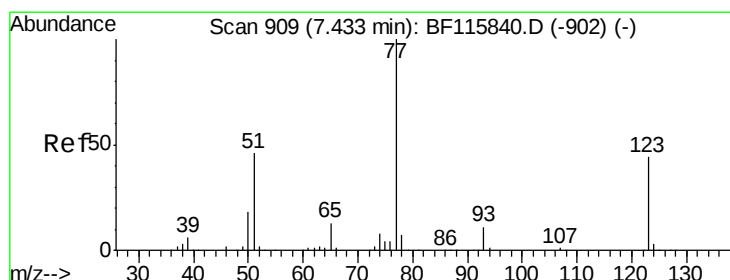
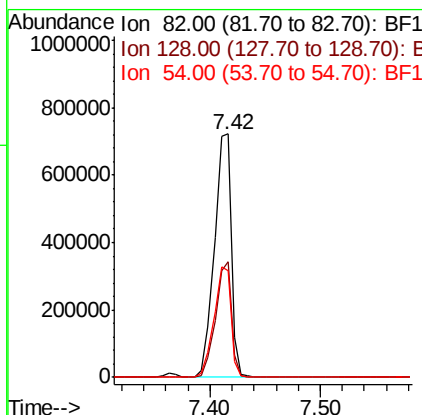
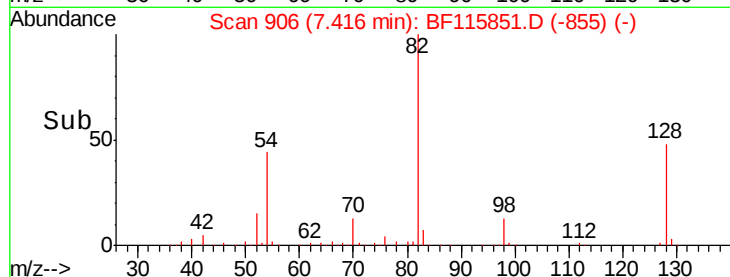
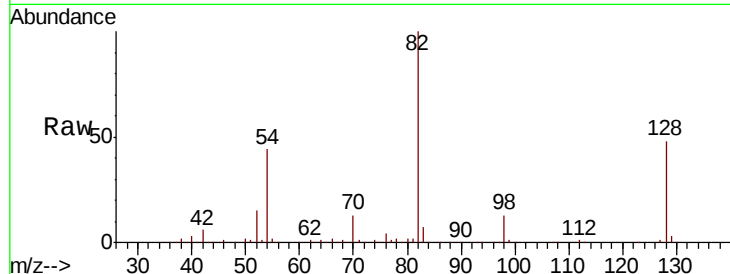
#23
 Nitrobenzene-d5
 Concen: 80.858 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.6	55.0
54	44.0	36.6	55.0

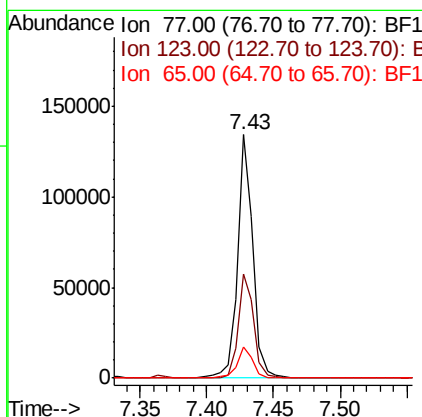
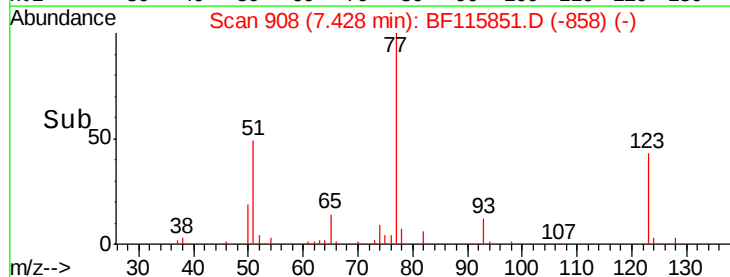
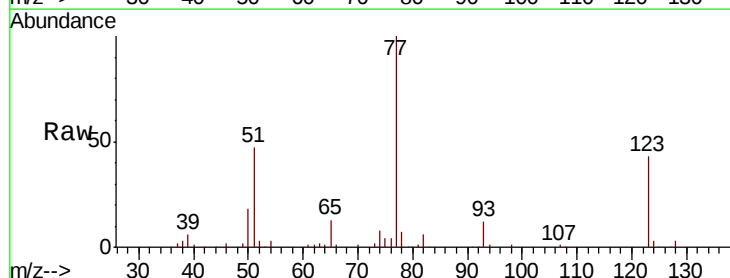
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#24
 Nitrobenzene
 Concen: 10.578 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	35.5	53.3
65	12.8	10.6	15.8





#25

Isophorone

Concen: 10.131 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

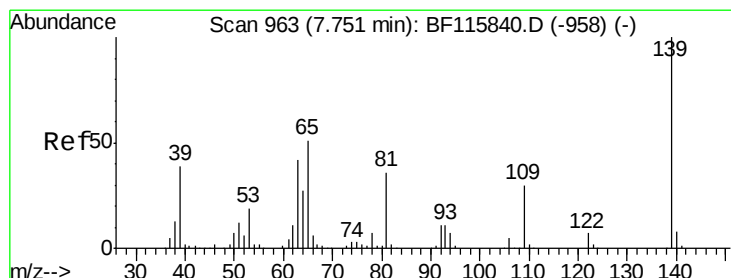
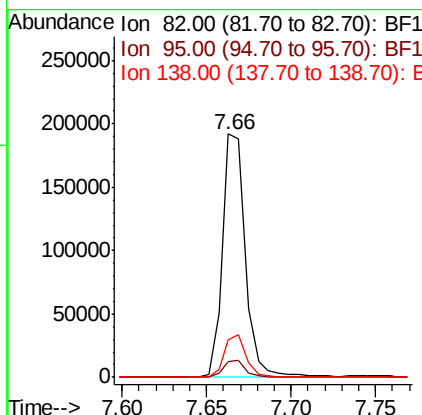
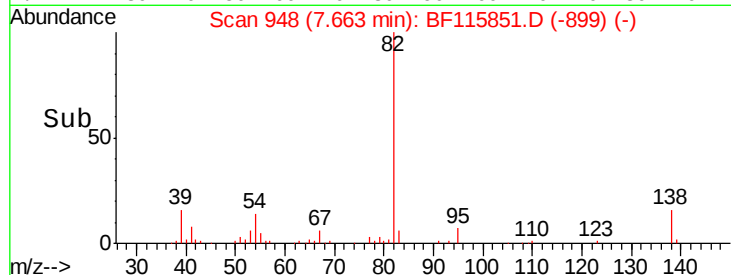
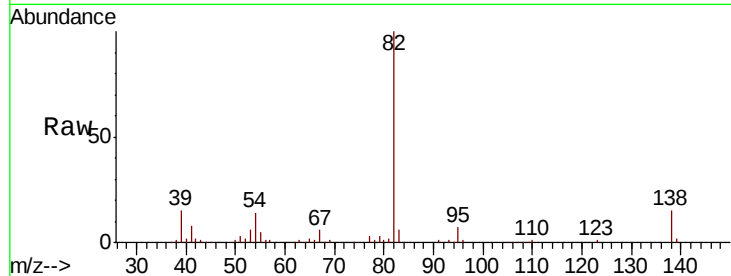
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	82	Resp:	182913
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.5	8.3
138	15.4	13.9	20.9

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#26

2-Nitrophenol

Concen: 9.640 ng

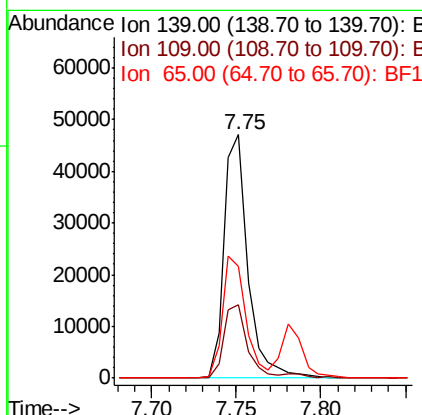
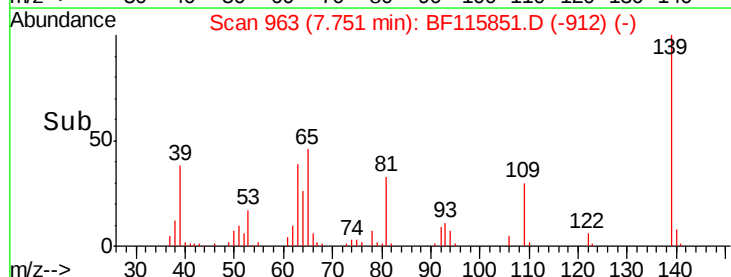
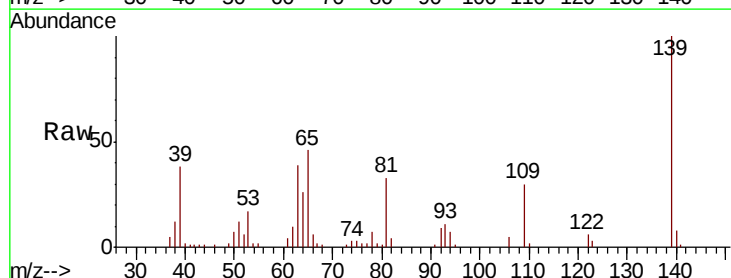
RT: 7.75 min Scan# 963

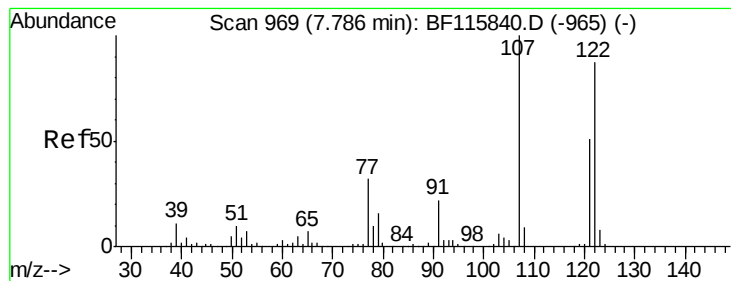
Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:	139	Resp:	46326
Ion Ratio	Lower	Upper	
139	100		
109	30.0	23.6	35.4
65	46.1	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 10.910 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

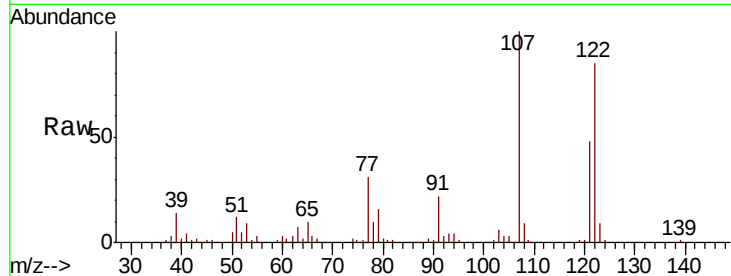
ClientSampleId :

LOQ-WATER-02-QT3-2019

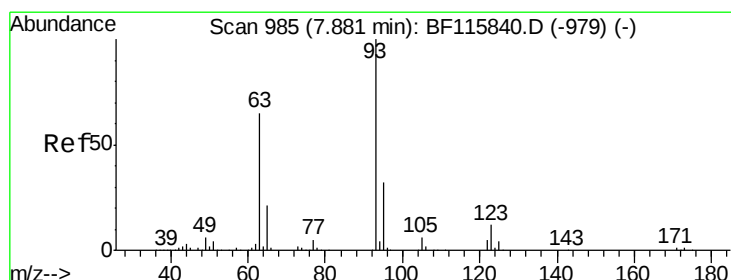
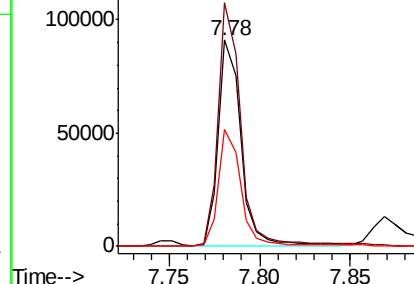
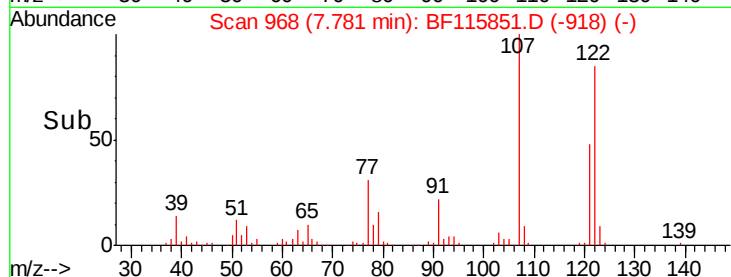
Tot Ion:	122	Resp:	78877
Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.7	137.5
121	56.9	46.6	70.0

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.990 ng

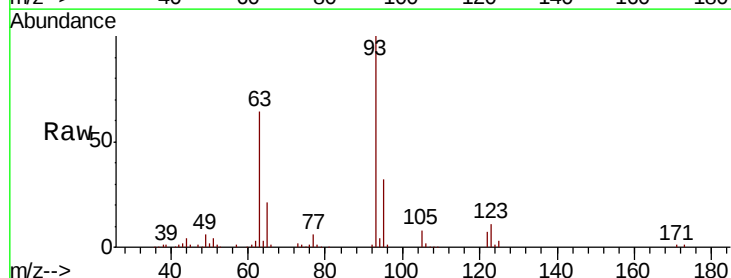
RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

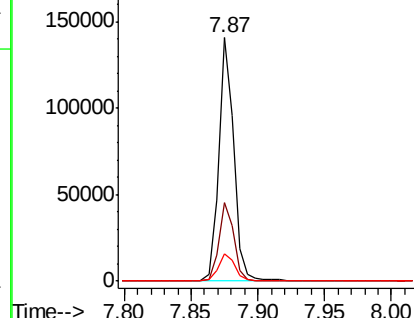
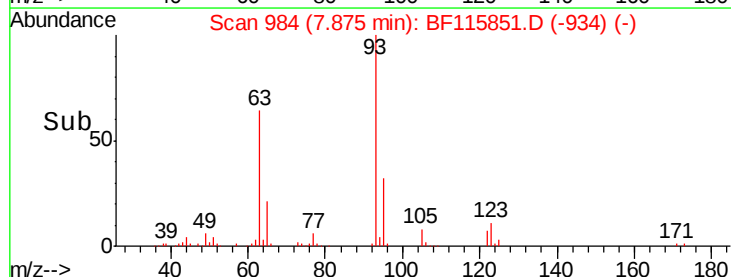
Lab File: BF115851.D

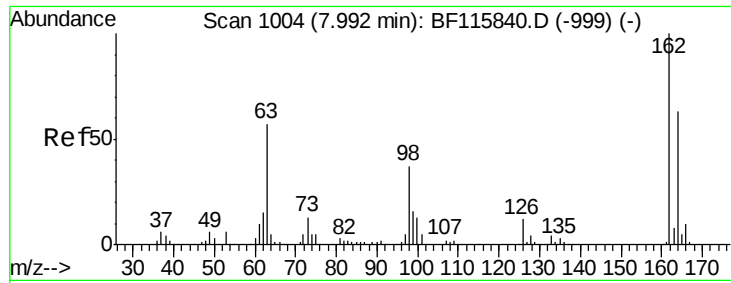
Acq: 30 Jul 2019 19:28

Tgt Ion:	93	Resp:	111787
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.4	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





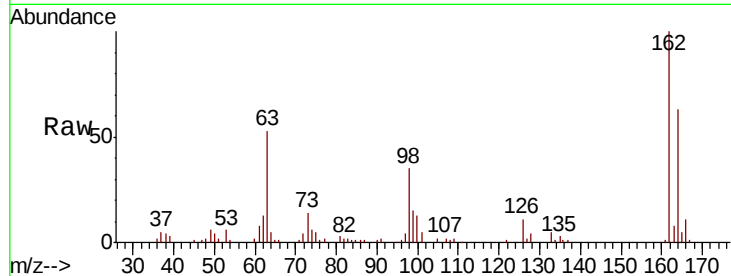
#29
2,4-Dichlorophenol
Concen: 10.219 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	35.0	17.3	57.3

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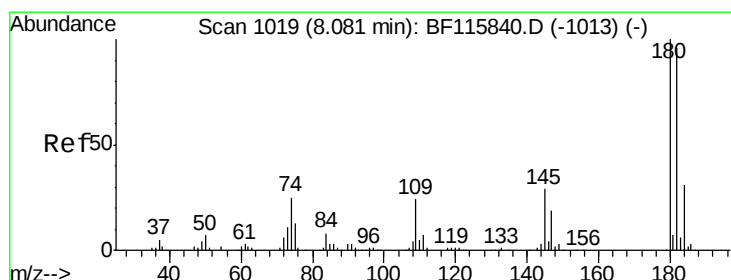
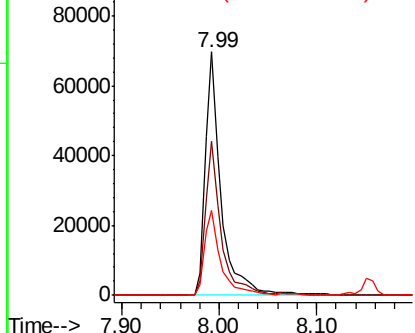
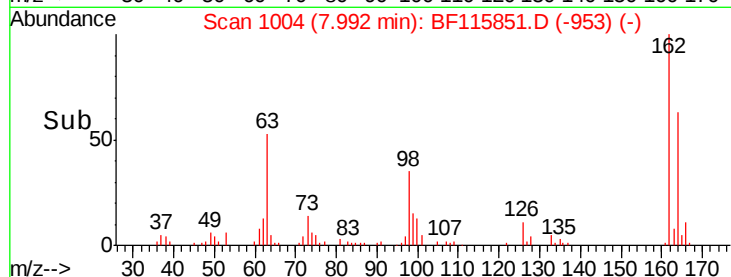


Abundance

Ion 162.00 (161.70 to 162.70): E

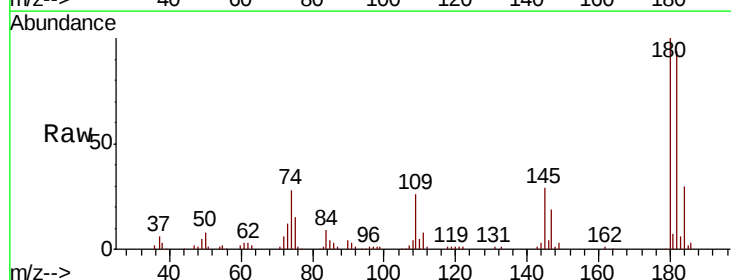
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 9.946 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
145	28.9	23.2	34.8

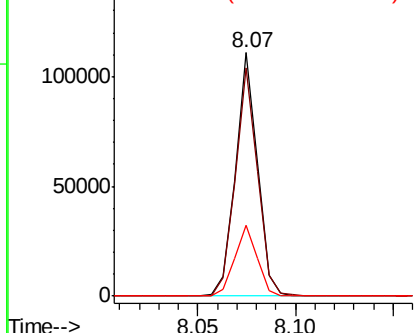
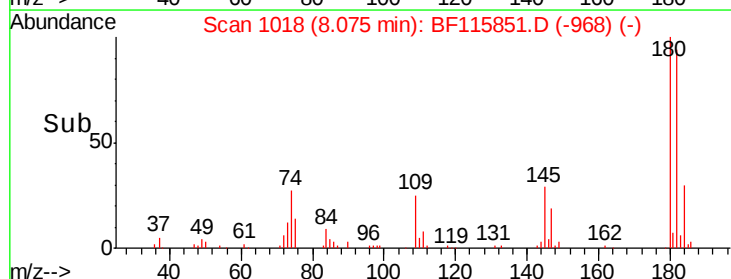


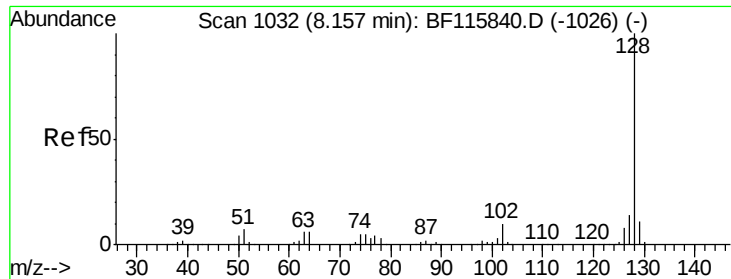
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





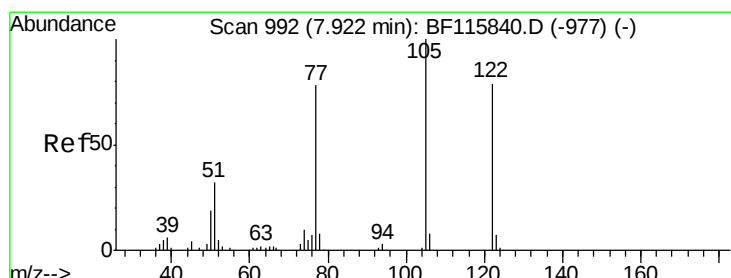
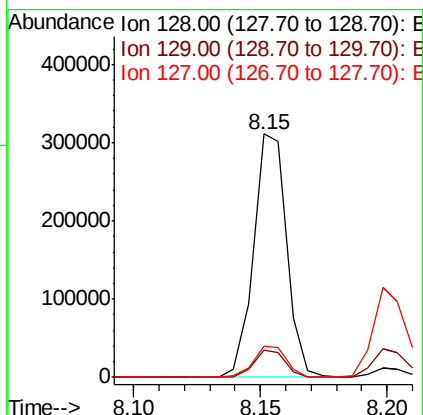
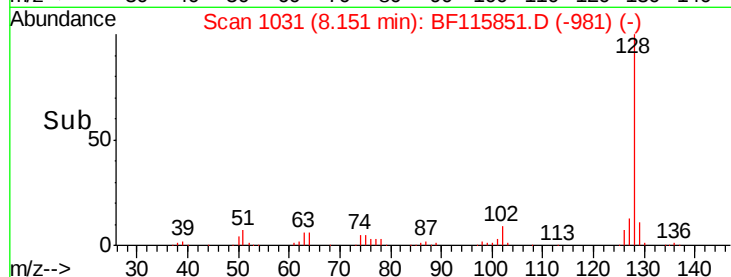
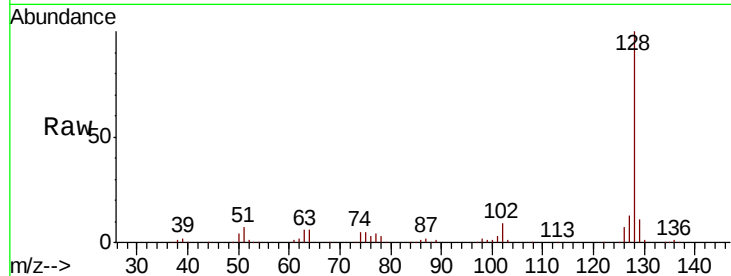
#31
Naphthalene
Concen: 11.077 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	12.8	11.0	16.4

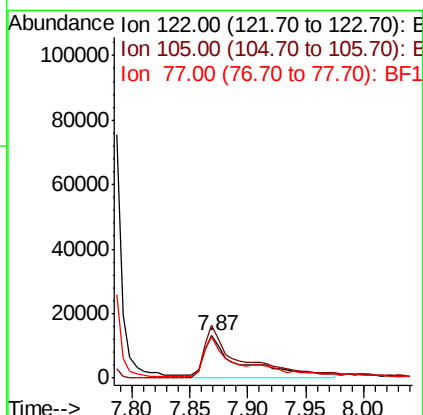
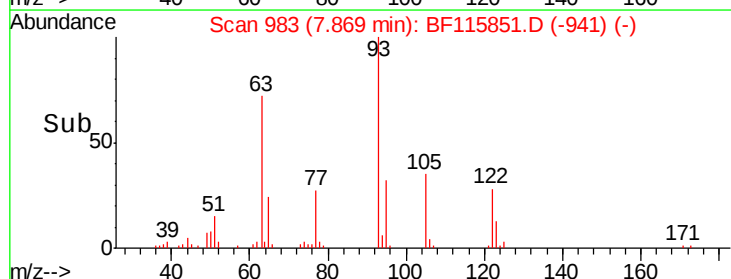
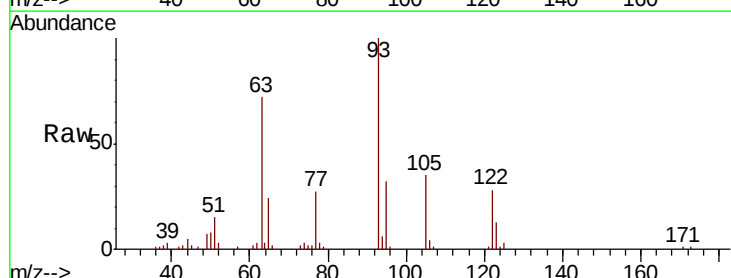
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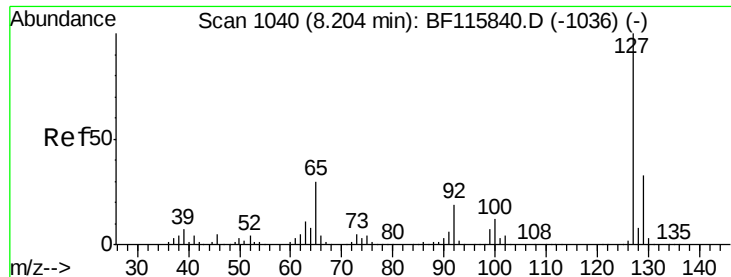
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#32
Benzoic acid
Concen: 5.917 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	103.1	143.1
77	97.2	76.8	116.8





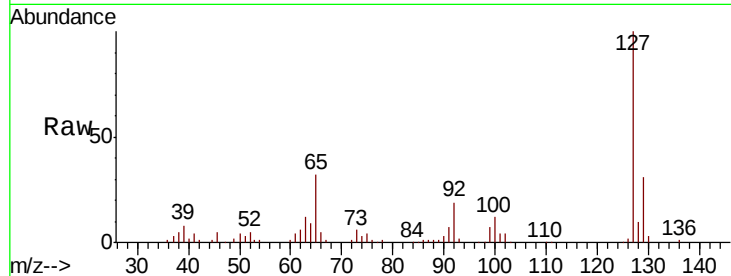
#33
4-Chloroaniline
Concen: 10.099 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	26.0	39.0	
65	32.4	23.9	35.9	
92	19.3	14.9	22.3	

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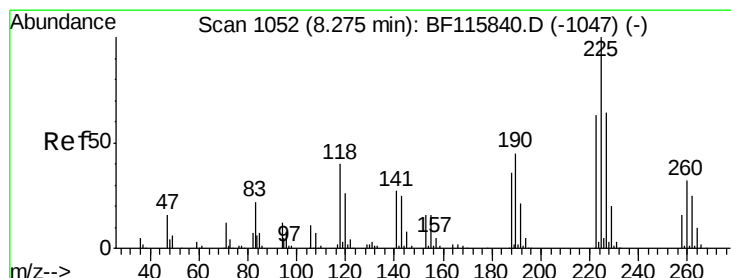
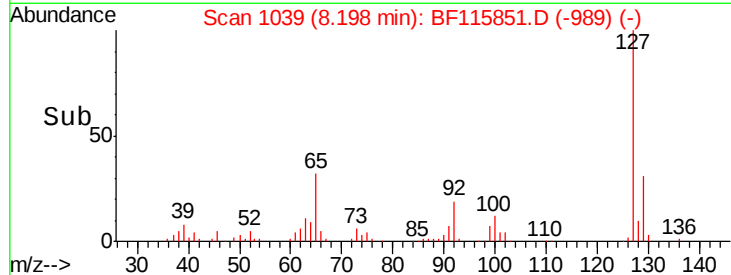
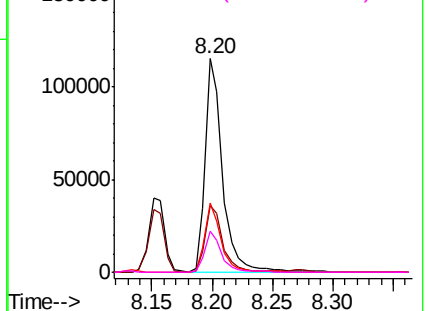
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

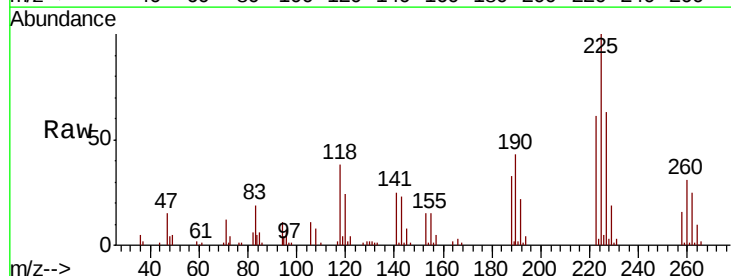
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 9.796 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	50.4	75.6	
227	62.7	51.6	77.4	

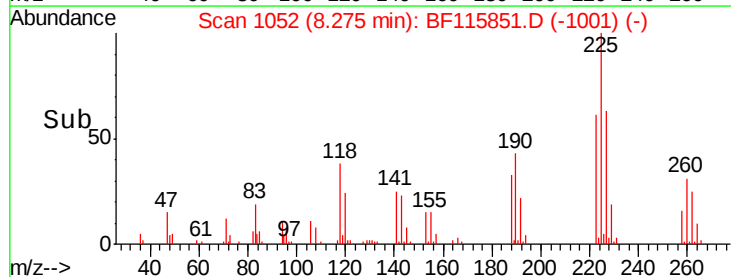
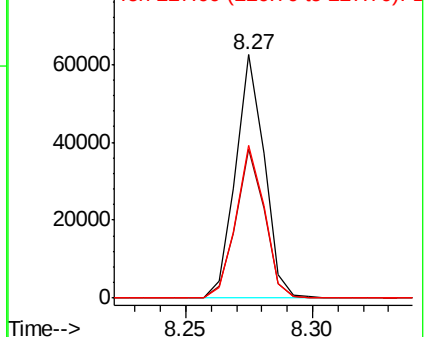


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





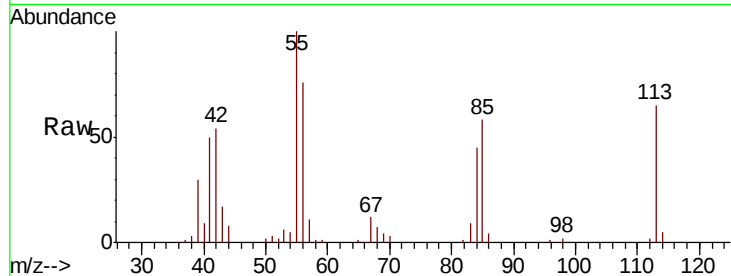
#35
Caprolactam
Concen: 9.832 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

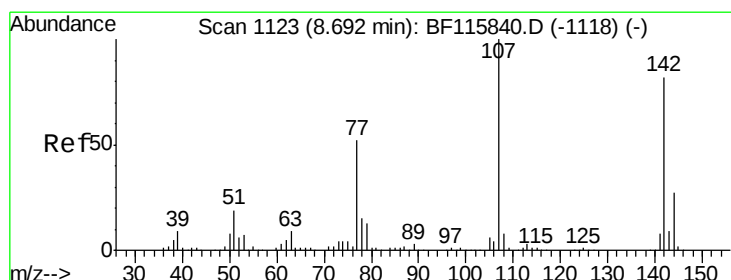
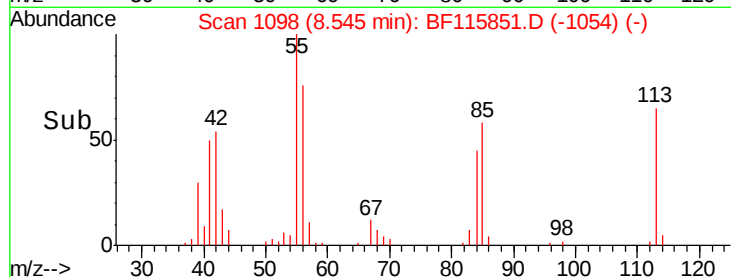
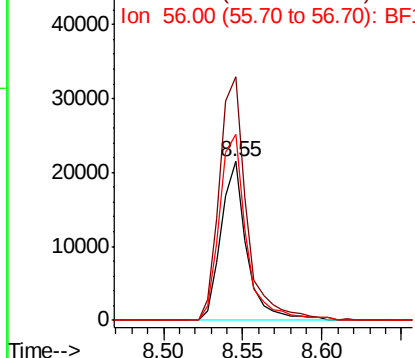
Tot Ion:113 Resp: 24276
Ion Ratio Lower Upper
113 100
55 153.1 138.1 178.1
56 117.0 100.6 140.6

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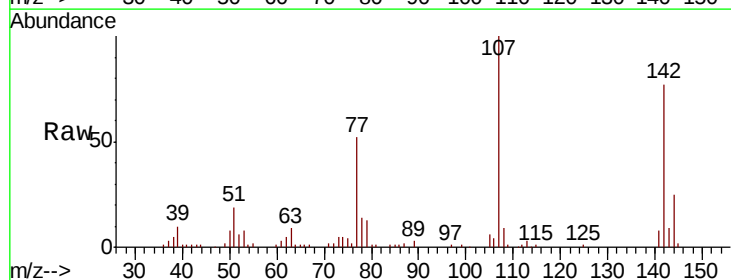


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

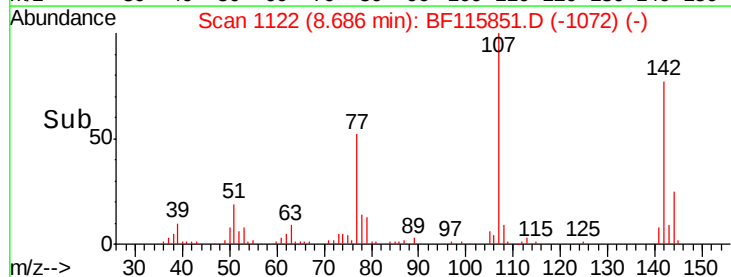
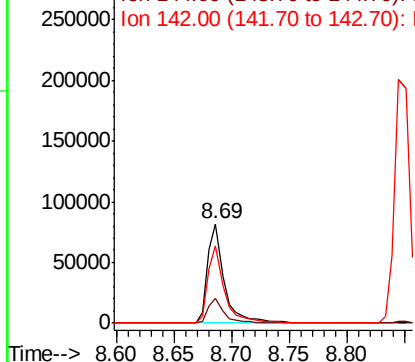


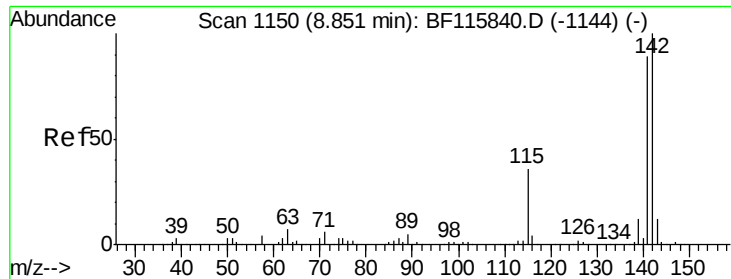
#36
4-Chloro-3-methylphenol
Concen: 10.396 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:107 Resp: 82564
Ion Ratio Lower Upper
107 100
144 25.1 21.4 32.0
142 77.4 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





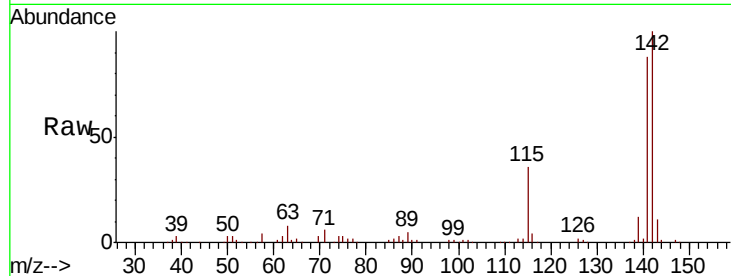
#37
2-Methylnaphthalene
Concen: 11.054 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

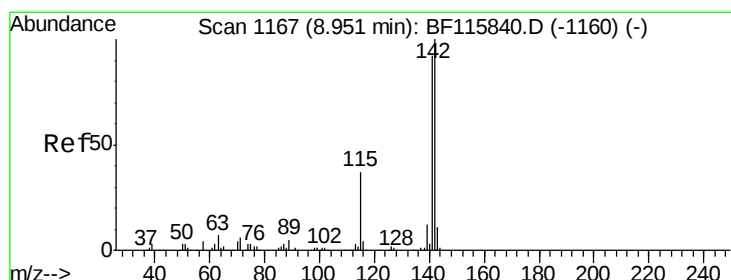
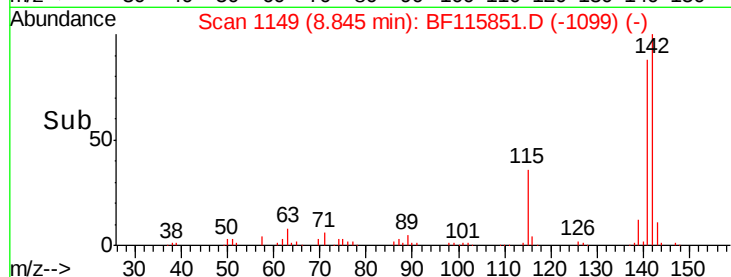
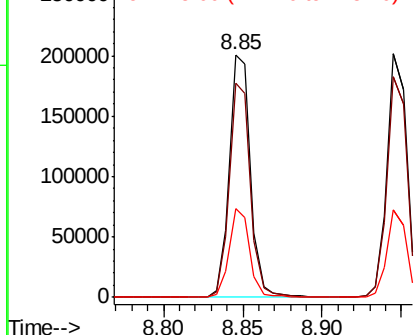
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	36.4	28.9	43.3

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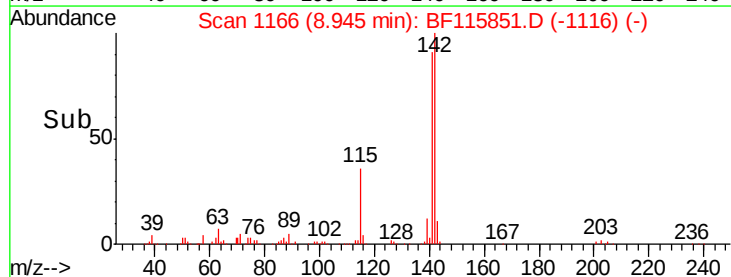
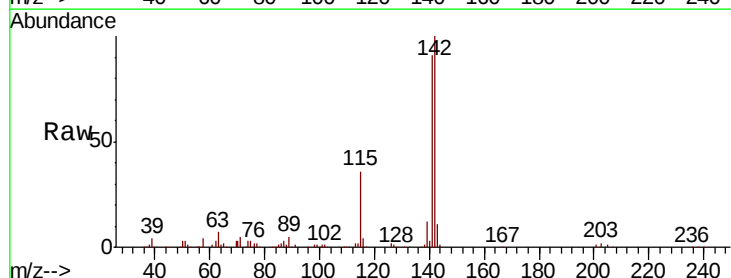
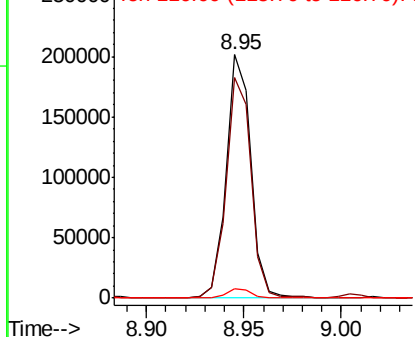
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 11.032 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.8	110.6
116	3.9	3.1	4.7

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





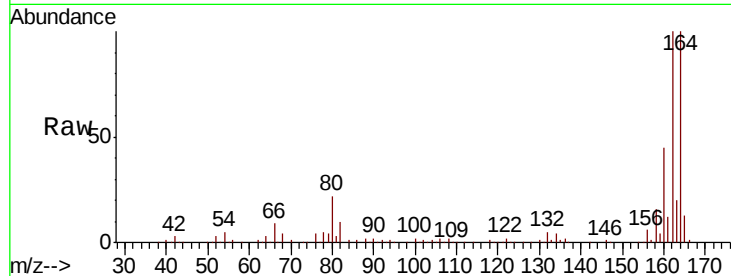
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	80.8	121.2	
160	45.1	36.2	54.4	

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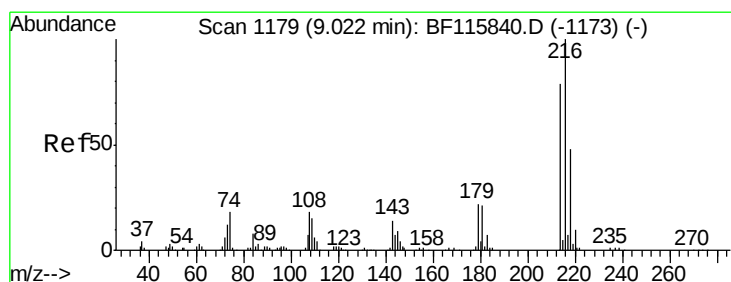
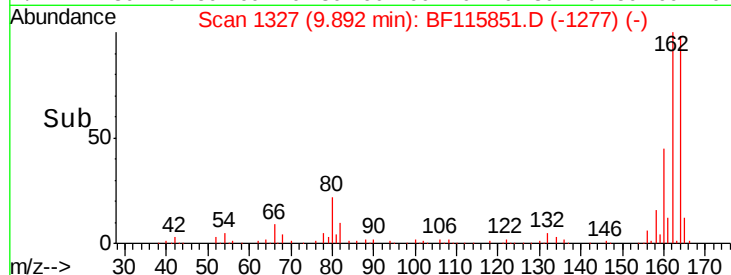
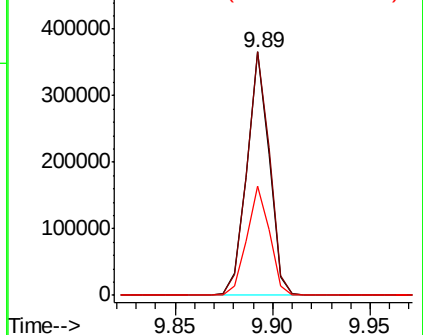


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.689 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	62.8	94.2	
179	21.6	17.6	26.4	
108	19.8	16.1	24.1	

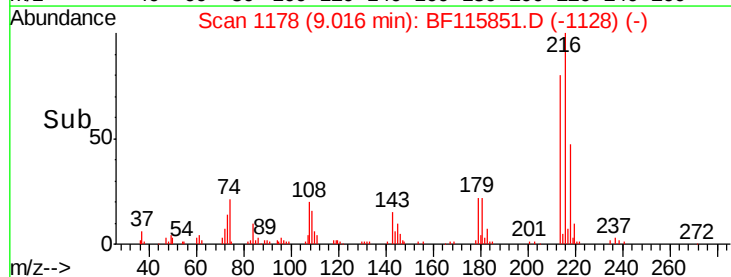
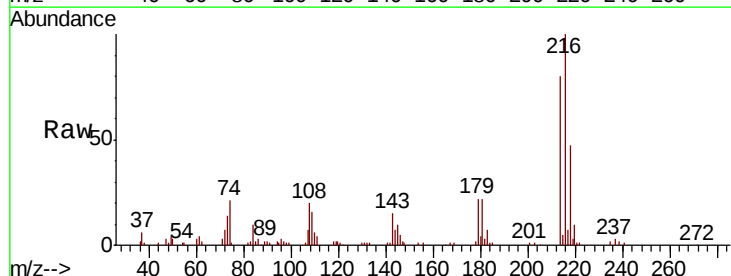
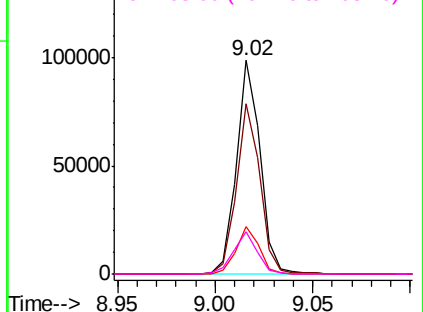
Abundance

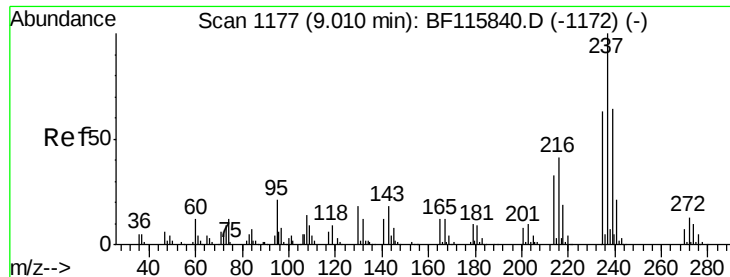
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 6.138 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

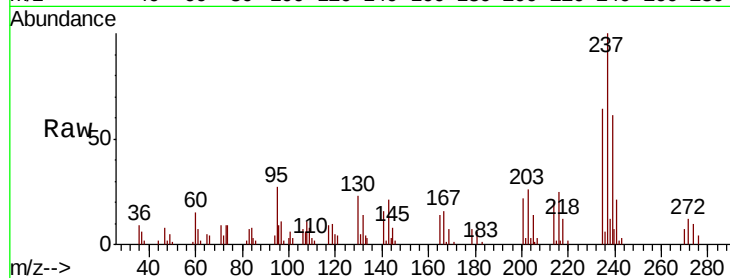
ClientSampleId :

LOQ-WATER-02-QT3-2019

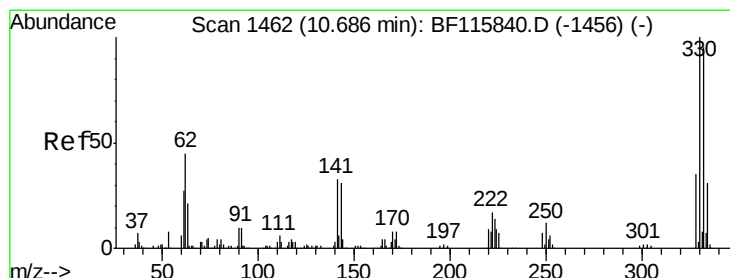
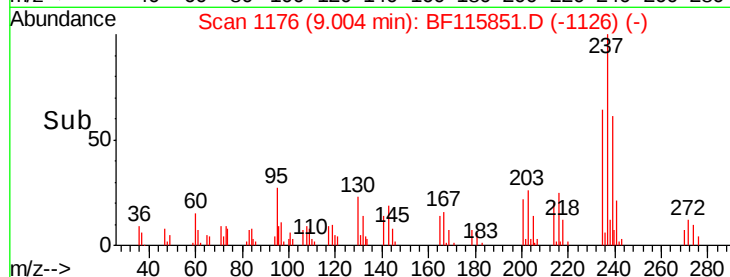
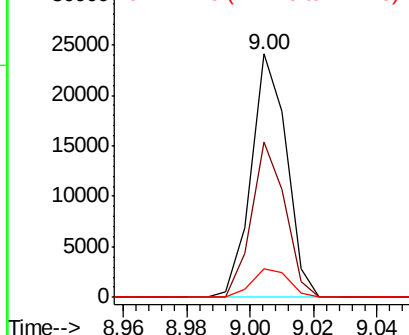
Tot Ion:	237	Resp:	18592
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.5	82.5
272	11.6	0.0	33.3

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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: 118.359 ng

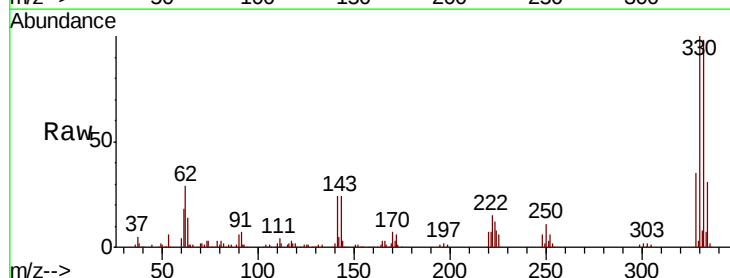
RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

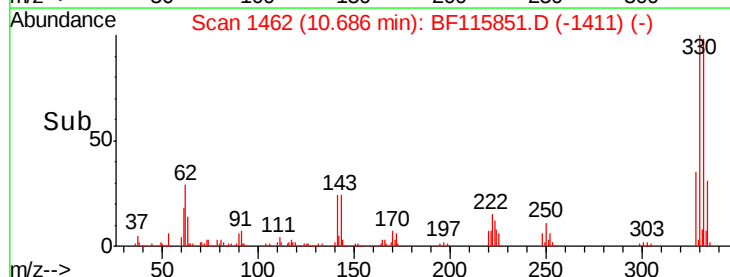
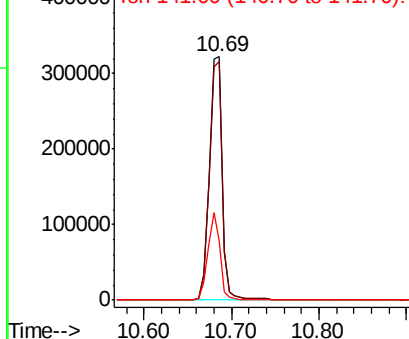
Lab File: BF115851.D

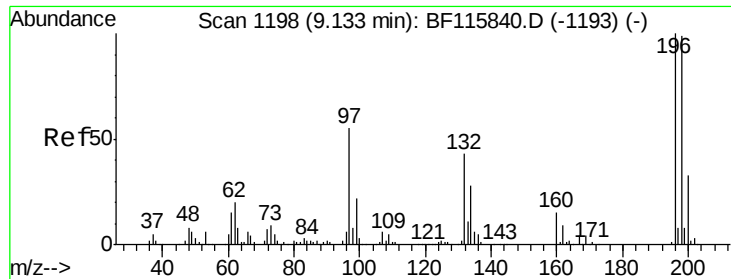
Acq: 30 Jul 2019 19:28

Tgt Ion:	330	Resp:	332623
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.7	116.5
141	33.6	28.1	42.1



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





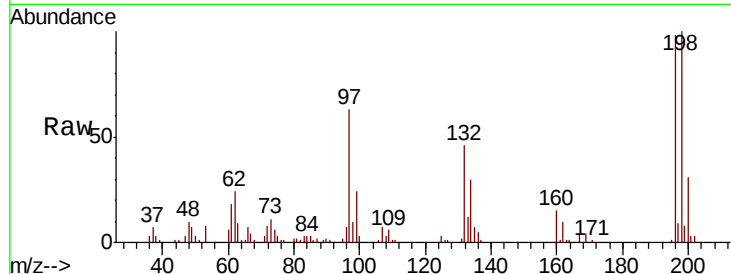
#43
 2,4,6-Trichlorophenol
 Concen: 9.286 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

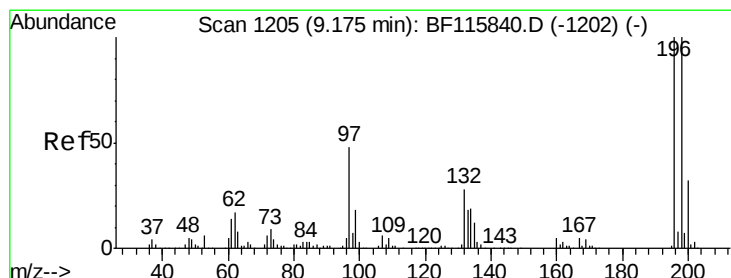
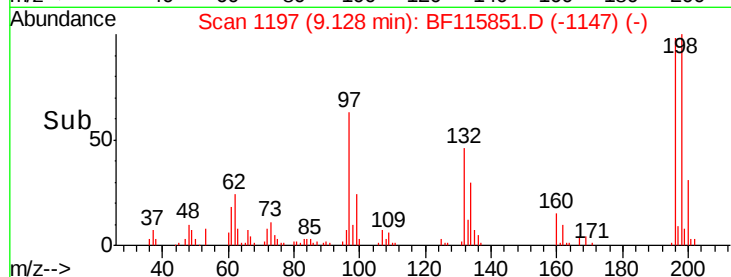
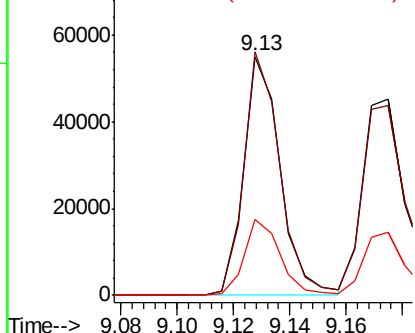
Tot Ion:	196	Resp:	49530
Ion Ratio	Lower	Upper	
196	100		
198	102.0	79.1	118.7
200	32.0	26.0	39.0

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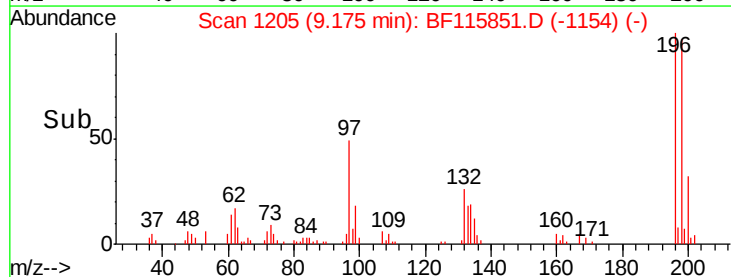
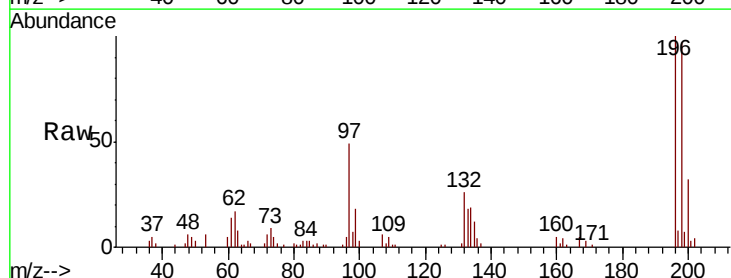
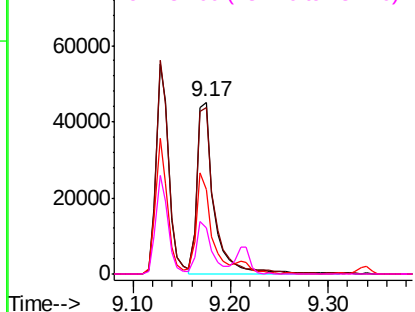
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

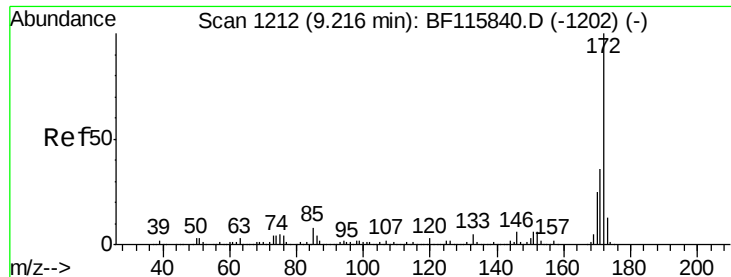


#44
 2,4,5-Trichlorophenol
 Concen: 9.964 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:	196	Resp:	54936
Ion Ratio	Lower	Upper	
196	100		
198	97.1	80.1	120.1
97	49.4	38.9	58.3
132	26.5	22.6	33.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





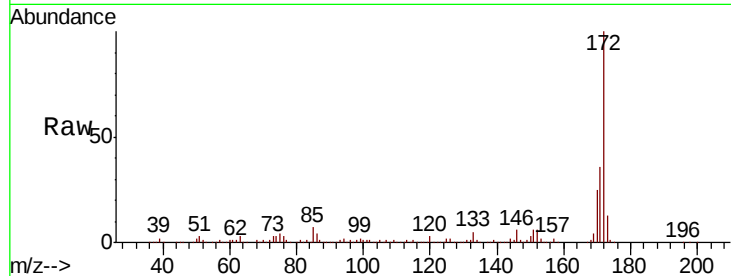
#45
2-Fluorobiphenyl
Concen: 83.335 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	25.1	20.1	30.1

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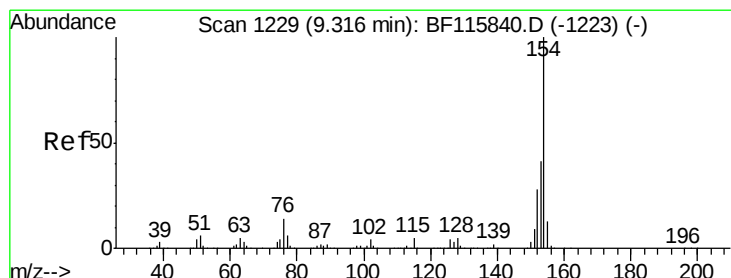
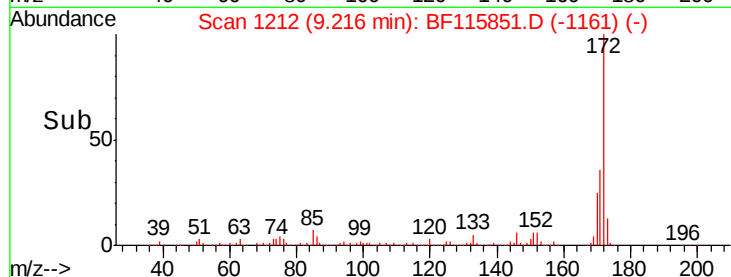
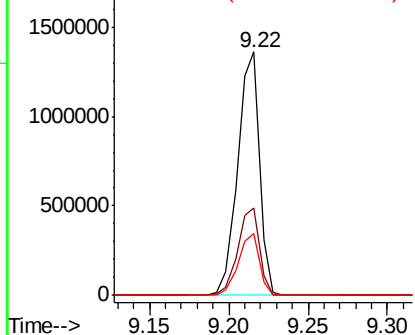


Abundance

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: 11.285 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

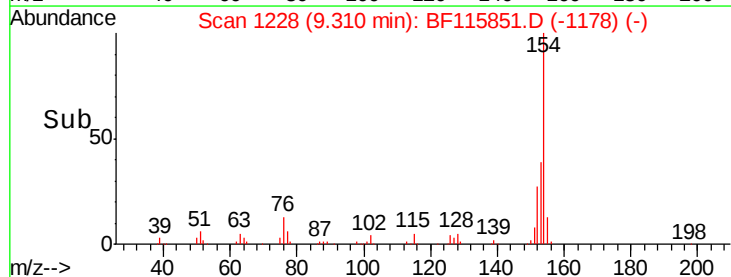
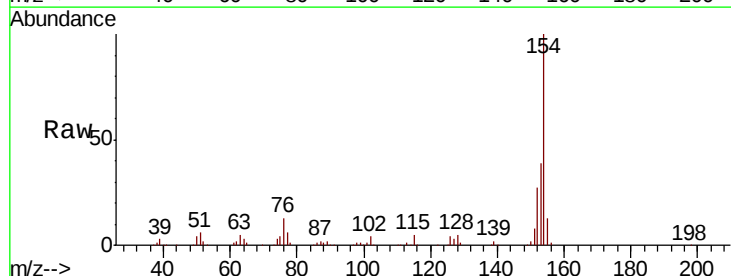
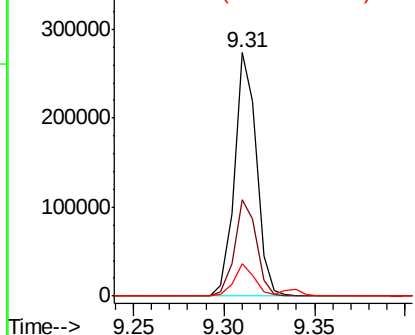
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.9	60.9
76	13.3	0.0	34.3

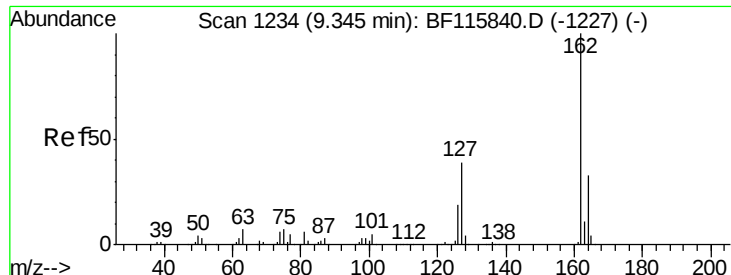
Abundance

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





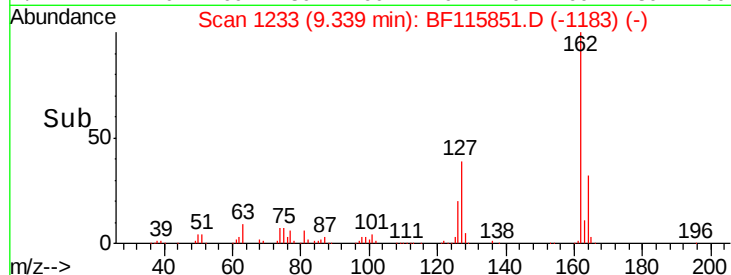
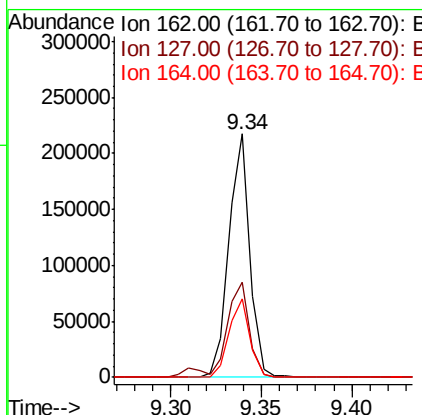
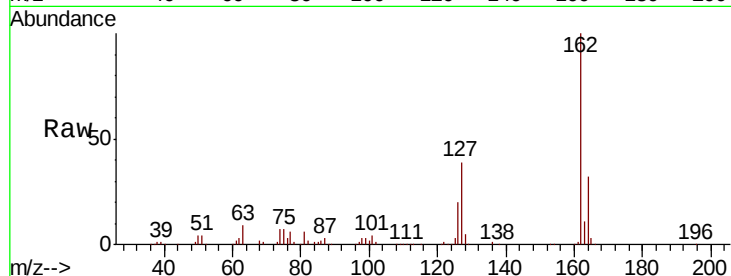
#47
2-Chloronaphthalene
Concen: 10.276 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	31.3	46.9	
164	32.1	26.6	40.0	

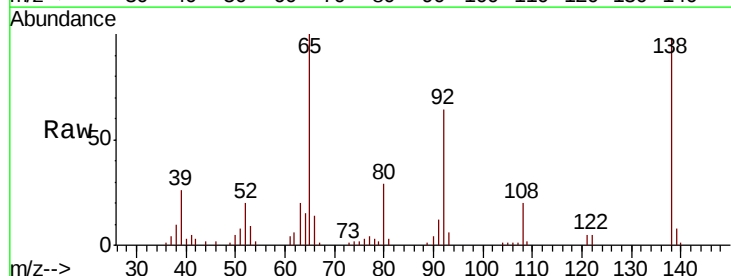
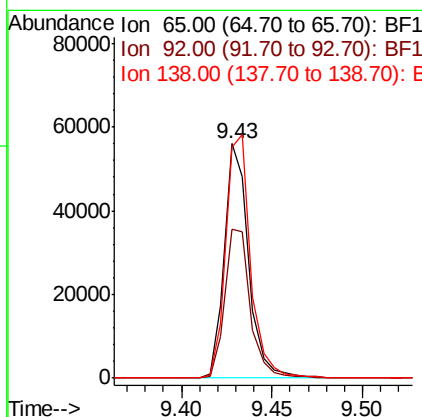
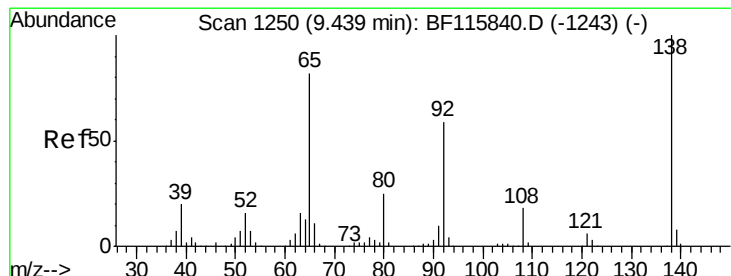
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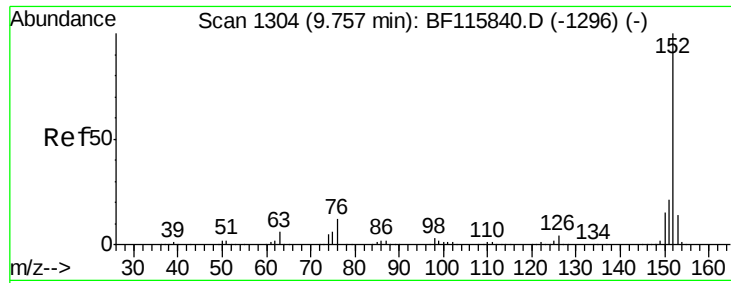
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#48
2-Nitroaniline
Concen: 9.275 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.6	57.1	85.7	
138	98.5	97.1	145.7	





#49

Acenaphthylene

Concen: 11.135 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

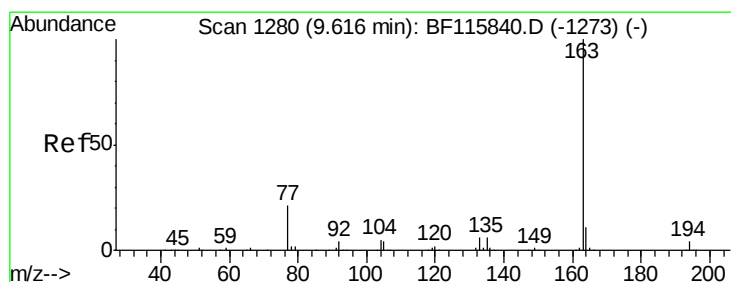
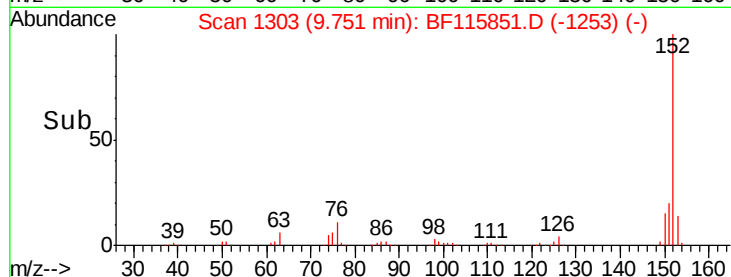
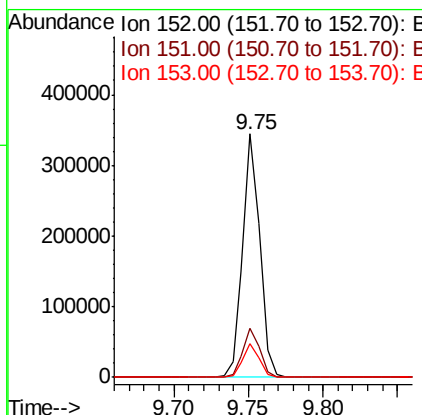
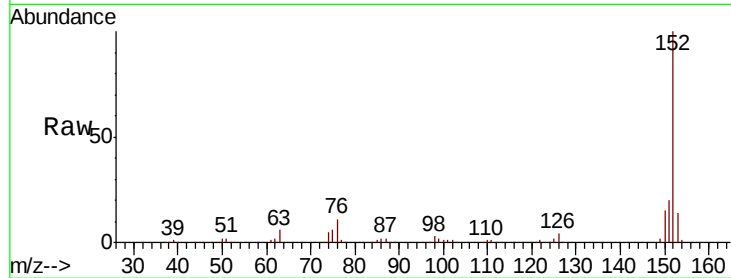
ClientSampleId :

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Tot Ion:	152	Resp:	276697
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.7	11.6	17.4

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#50

Dimethylphthalate

Concen: 9.759 ng

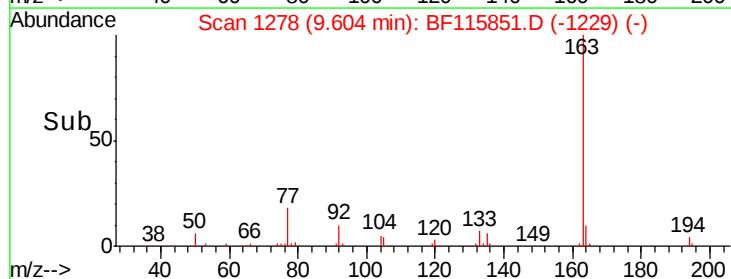
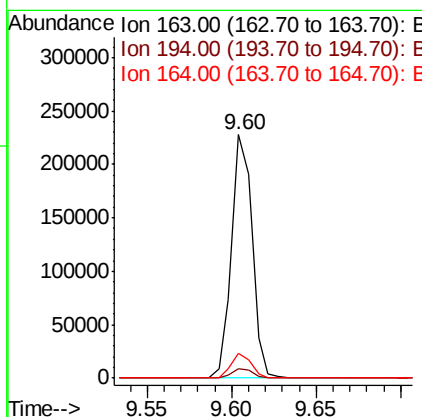
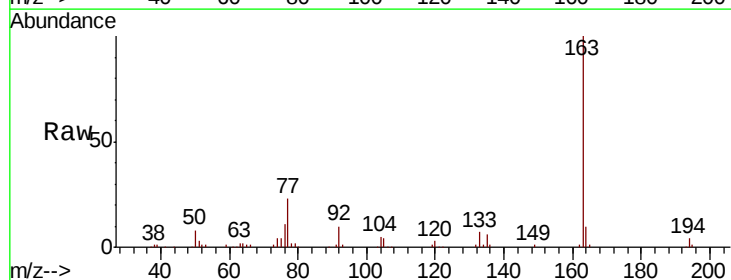
RT: 9.60 min Scan# 1278

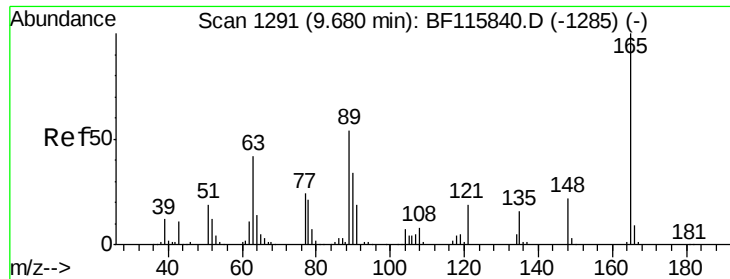
Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:	163	Resp:	192607
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.2	8.4	12.6





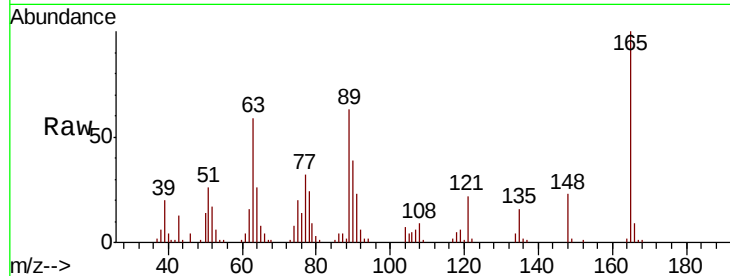
#51
2,6-Dinitrotoluene
Concen: 9.636 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

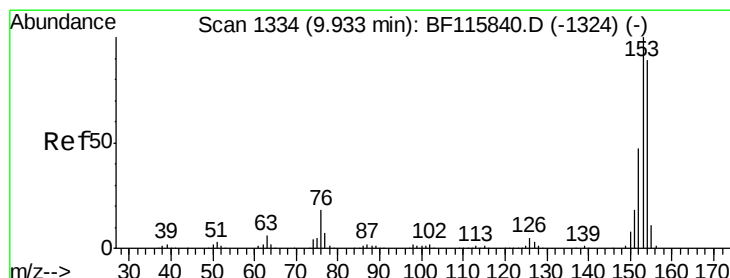
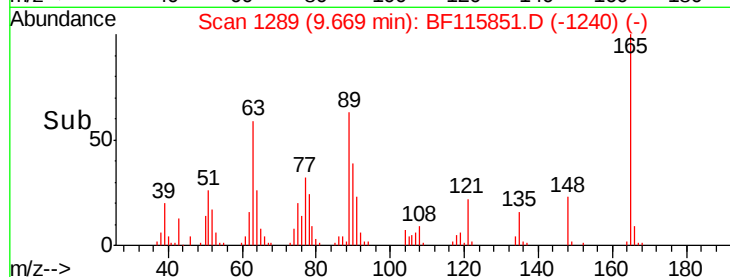
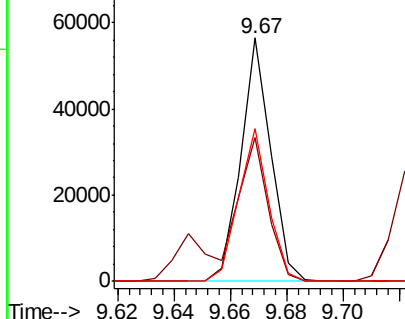
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.3	39.4	59.2#
89	62.7	43.0	64.6

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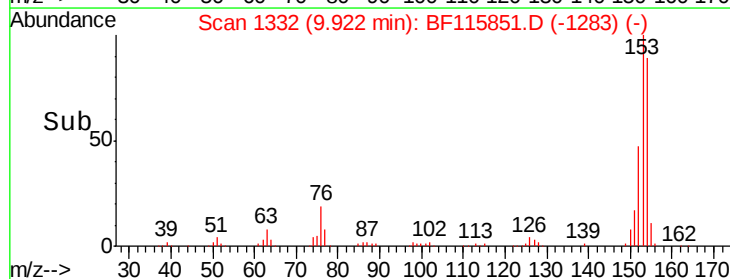
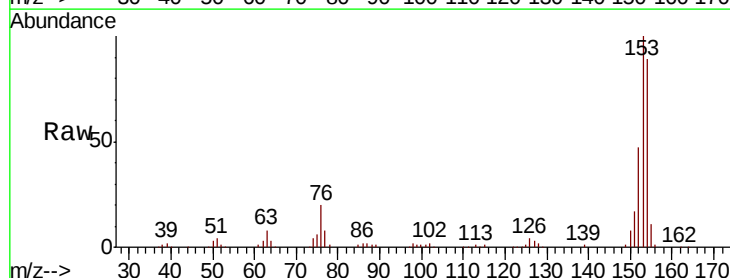
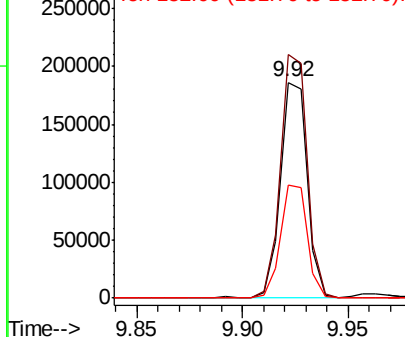
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 10.812 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.1	135.1
152	52.7	42.6	63.8

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





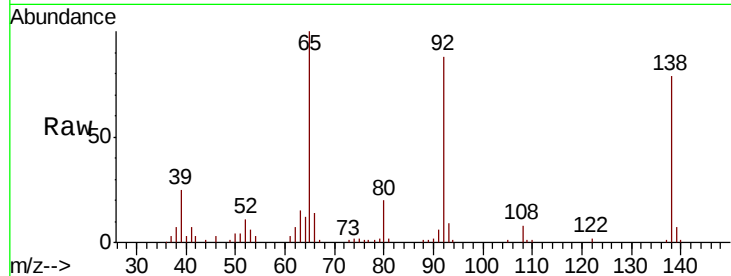
#53
3-Nitroaniline
Concen: 9.179 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	111.0	83.9	125.9

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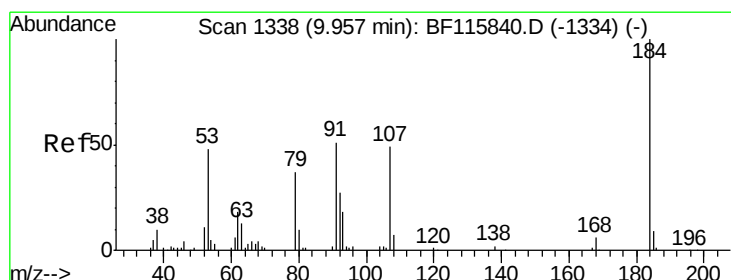
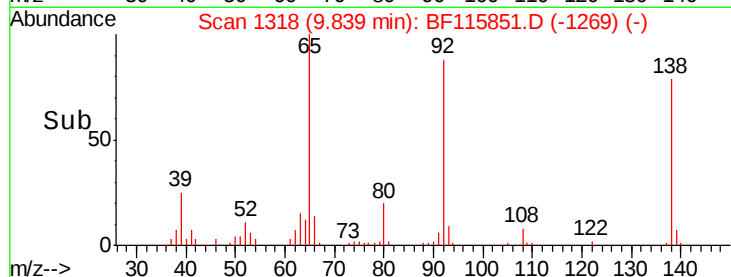
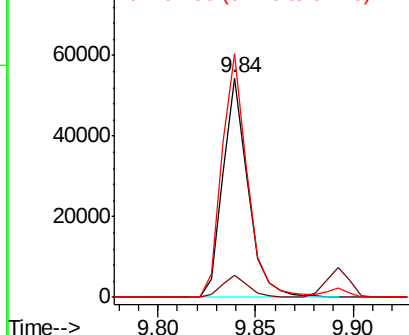


Abundance

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: 4.900 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

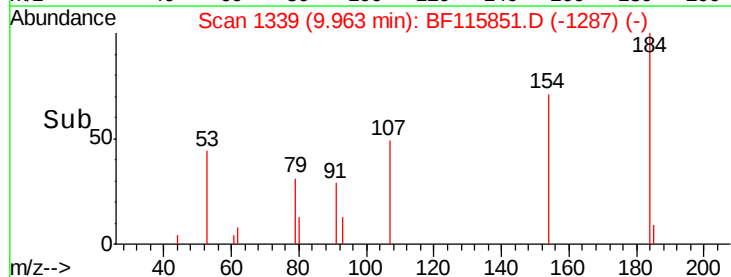
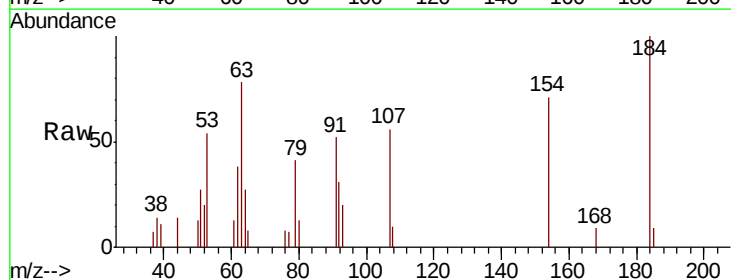
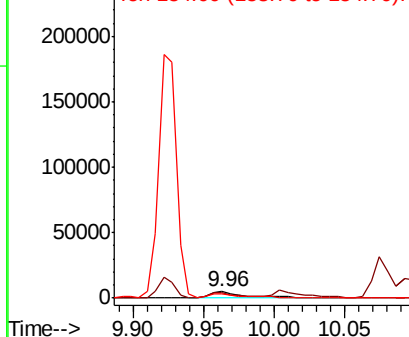
Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.9	56.7	85.1
154	70.7	51.9	77.9

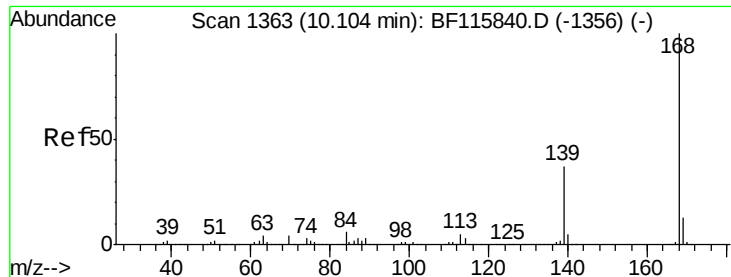
Abundance

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





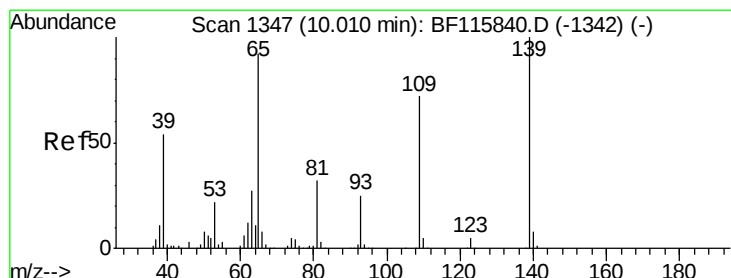
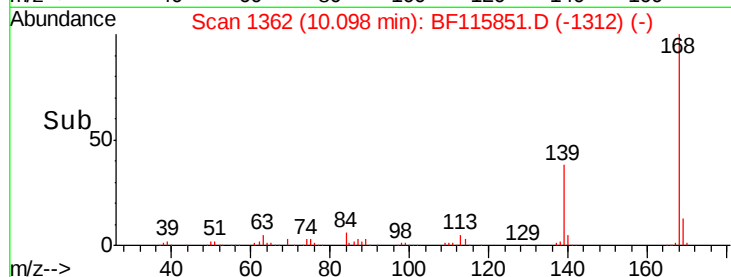
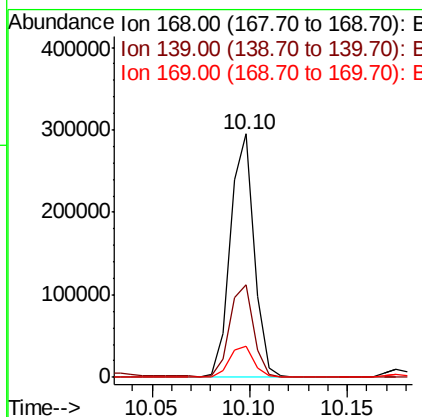
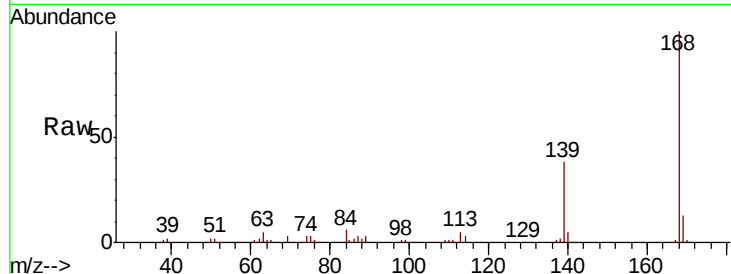
#55
Dibenzofuran
Concen: 11.202 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.0	10.8	16.2

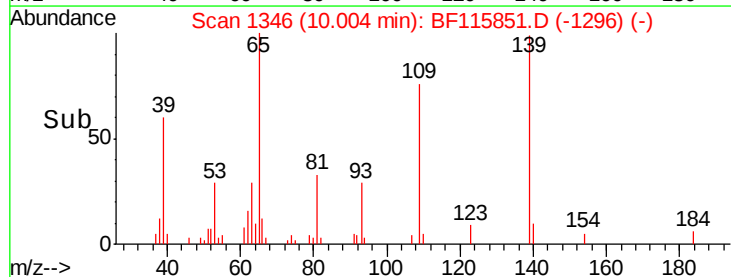
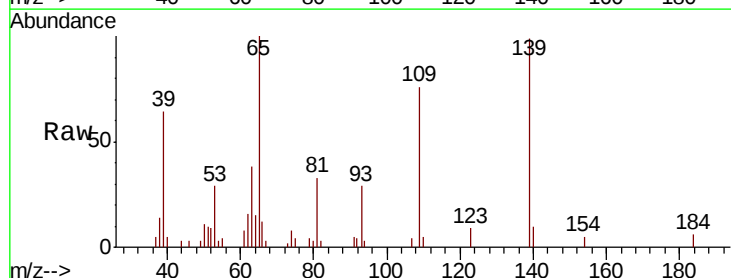
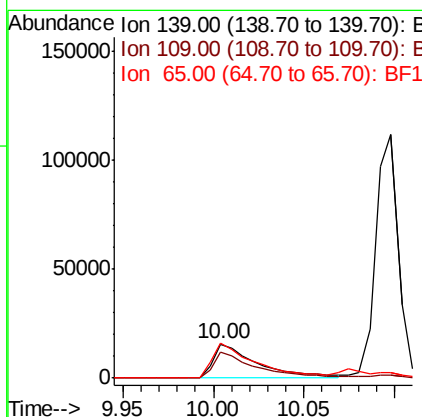
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#56
4-Nitrophenol
Concen: 7.812 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.3	52.0	92.0
65	100.9	72.6	112.6





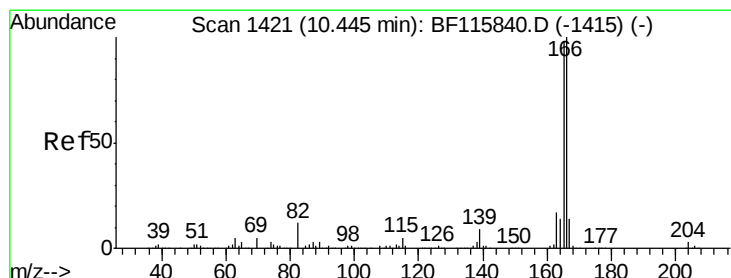
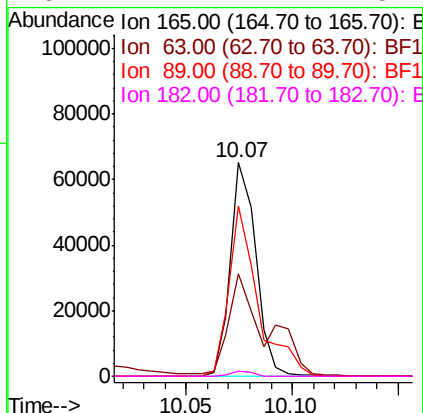
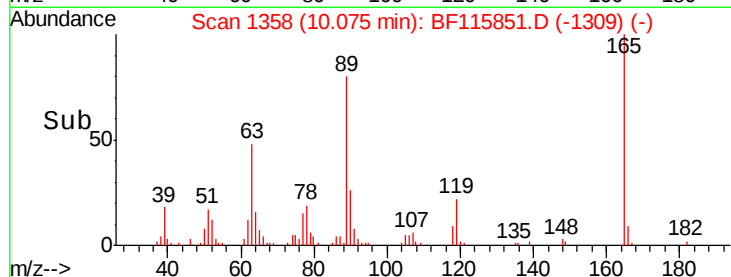
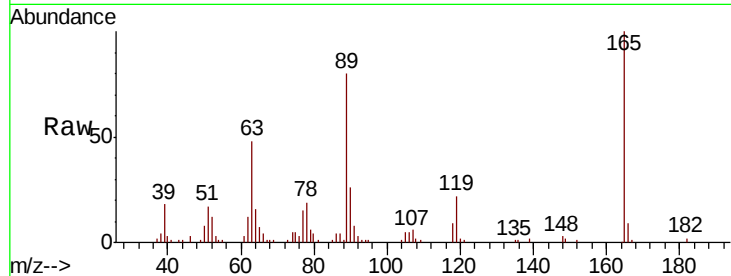
#57
2,4-Dinitrotoluene
Concen: 9.555 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.2	33.2	49.8
89	79.8	57.3	85.9
182	2.1	2.1	3.1

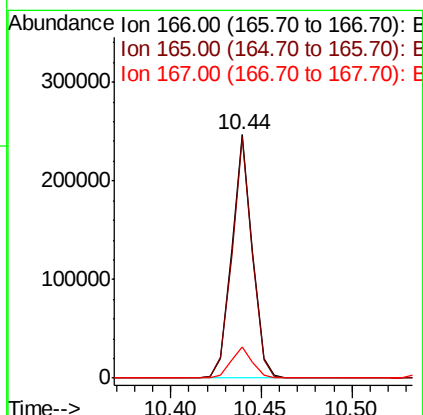
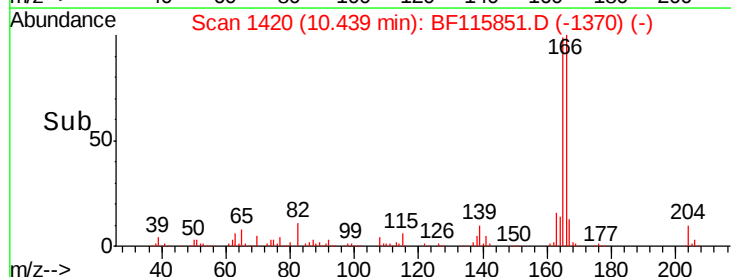
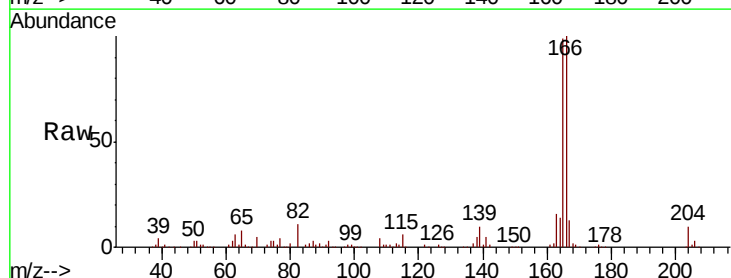
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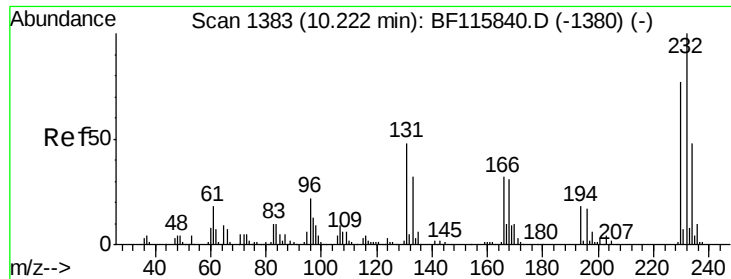
mohammad
8/1/2019 5:05:59 PM



#58
Fluorene
Concen: 11.399 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	12.8	10.9	16.3





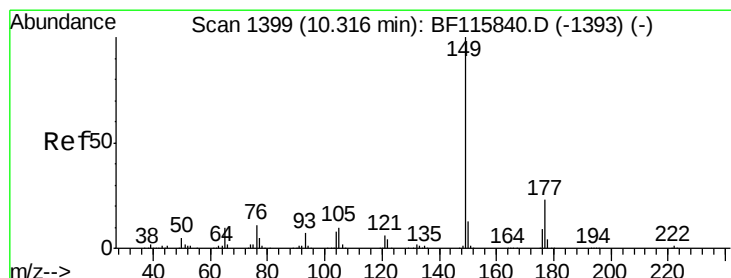
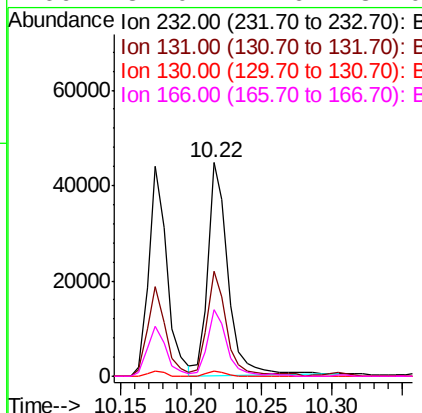
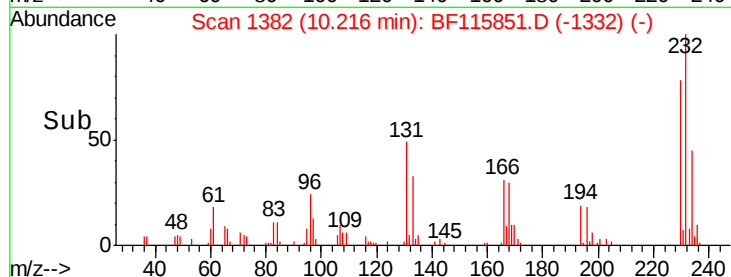
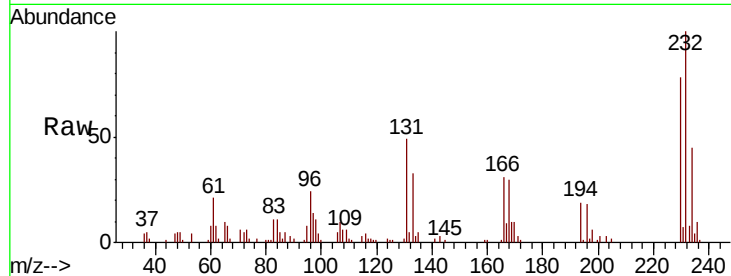
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.519 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:	232	Resp:	44157
Ion Ratio	Lower	Upper	
232	100		
131	48.1	37.6	56.4
130	2.2	1.8	2.8
166	31.0	24.6	37.0

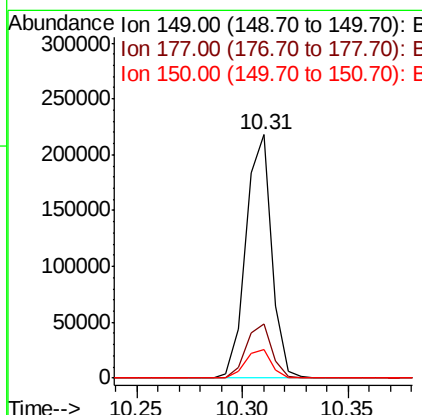
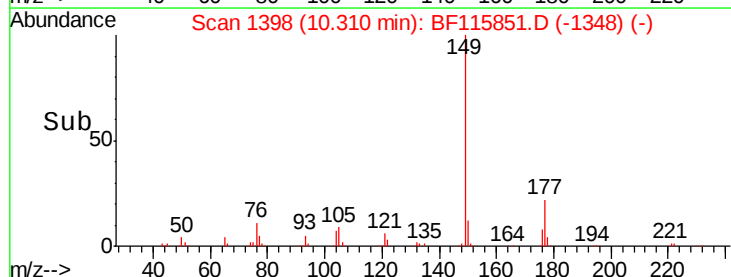
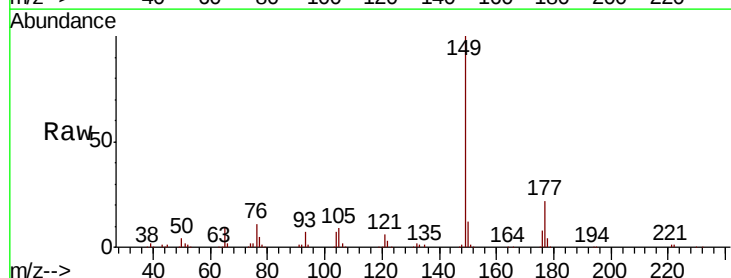
Manual Integrations
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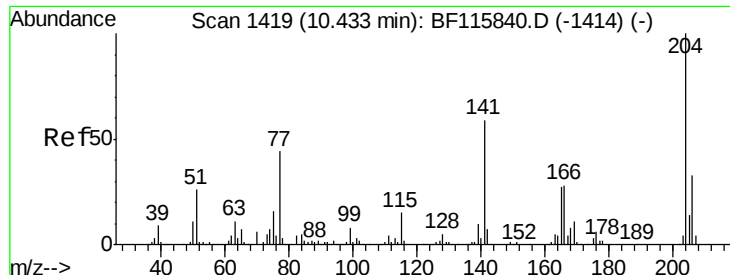
mohammad
 8/1/2019 5:05:59 PM



#60
 Diethylphthalate
 Concen: 9.993 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:	149	Resp:	184134
Ion Ratio	Lower	Upper	
149	100		
177	22.1	18.4	27.6
150	11.8	10.1	15.1





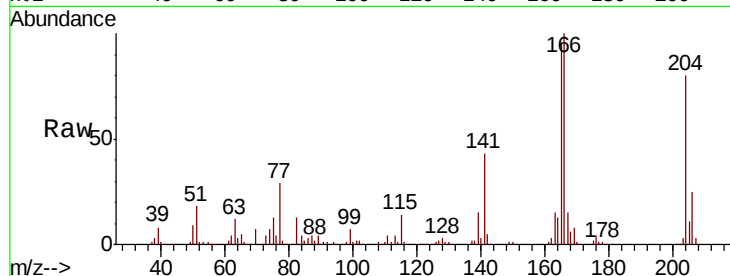
#61
 4-Chlorophenyl-phenylether
 Concen: 10.599 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

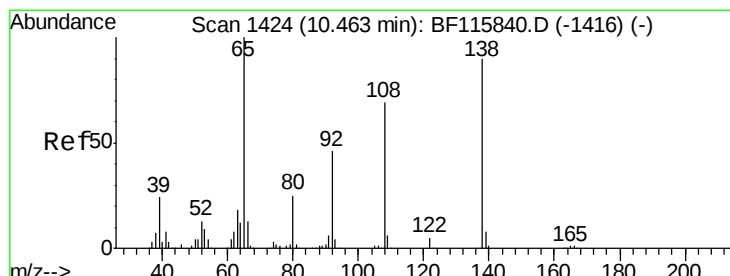
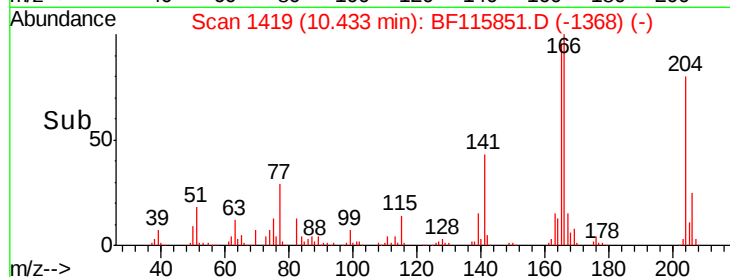
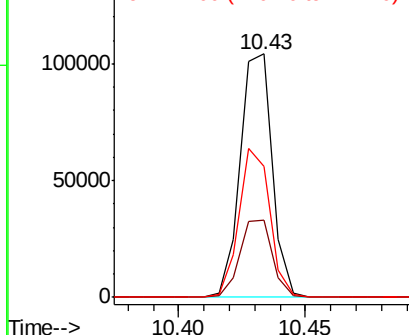
Tot Ion:	204	Resp:	91553
Ion Ratio	Lower	Upper	
204	100		
206	31.5	26.4	39.6
141	53.6	47.0	70.4

Manual Integrations
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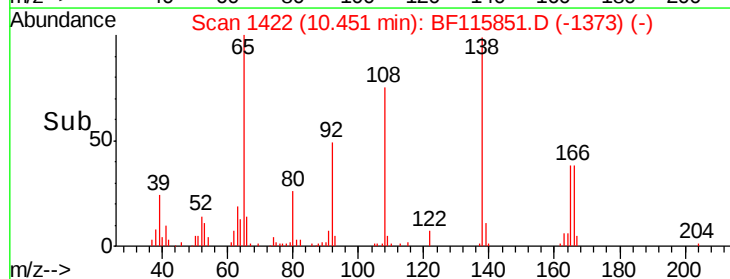
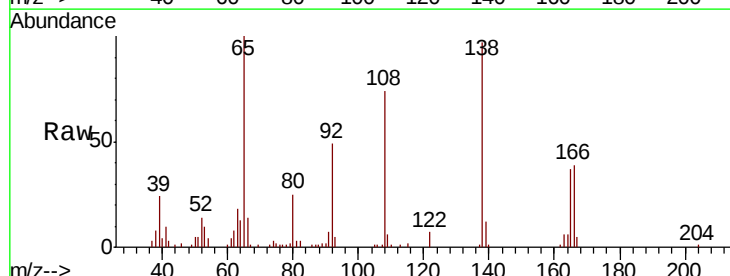
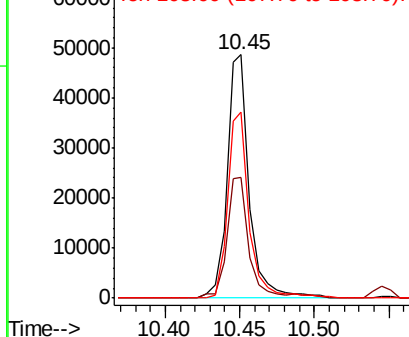
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

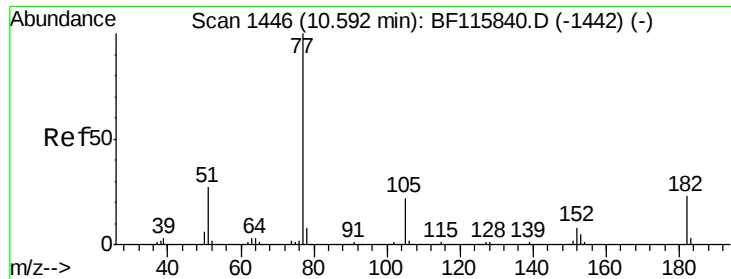


#62
 4-Nitroaniline
 Concen: 9.276 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:	138	Resp:	50805
Ion Ratio	Lower	Upper	
138	100		
92	49.8	31.0	71.0
108	76.3	56.7	96.7

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





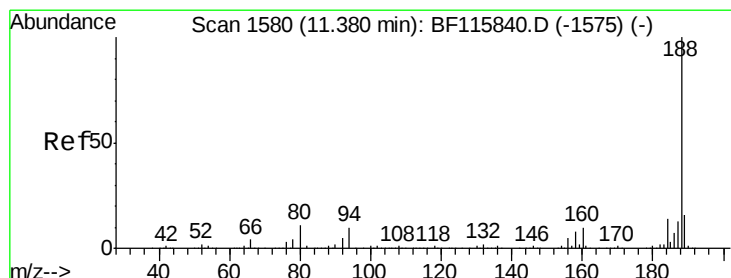
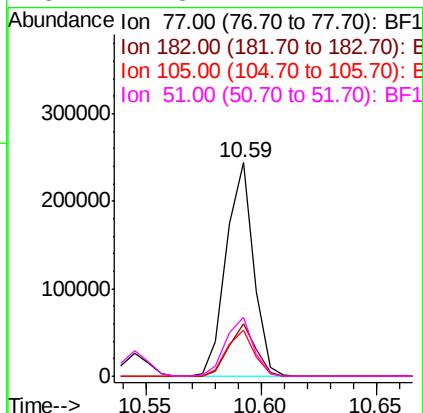
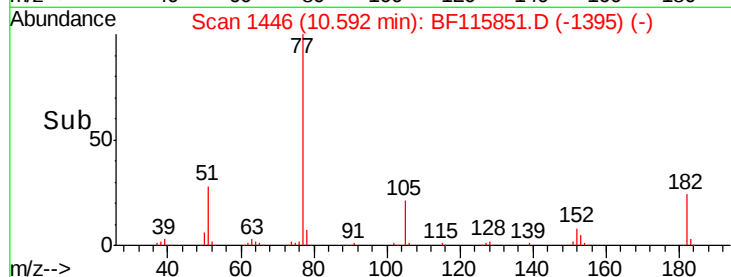
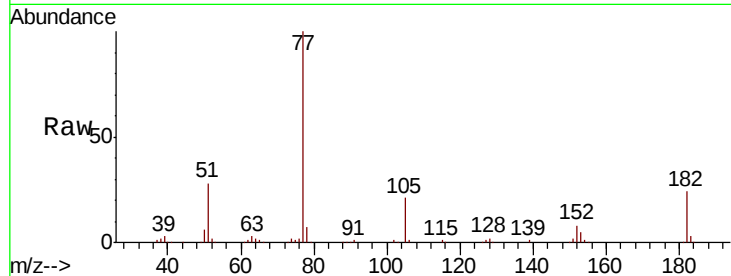
#63
Azobenzene
Concen: 10.593 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	2.6	42.6	
105	21.4	1.6	41.6	
51	27.8	7.4	47.4	

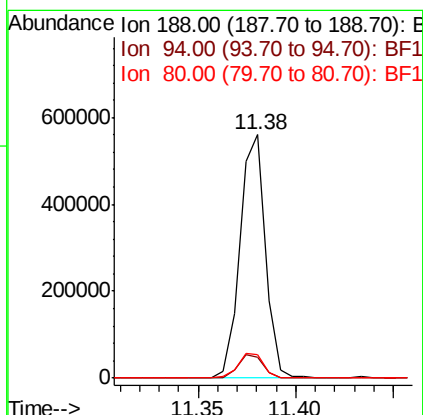
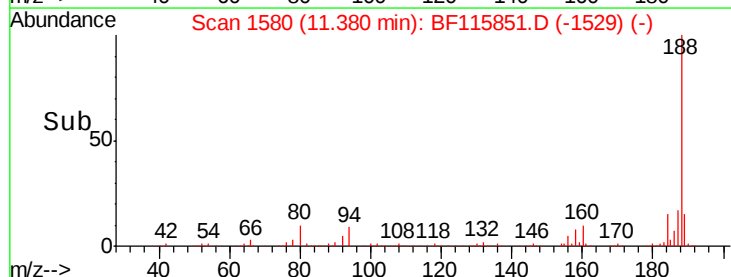
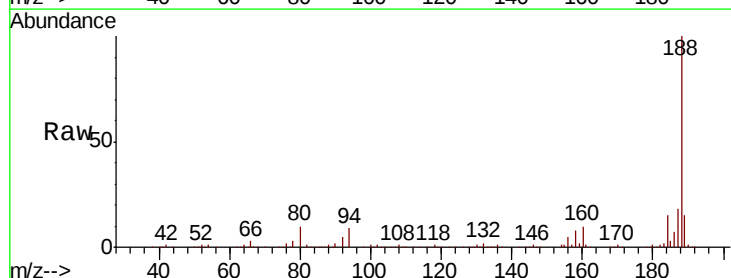
Manual Integrations
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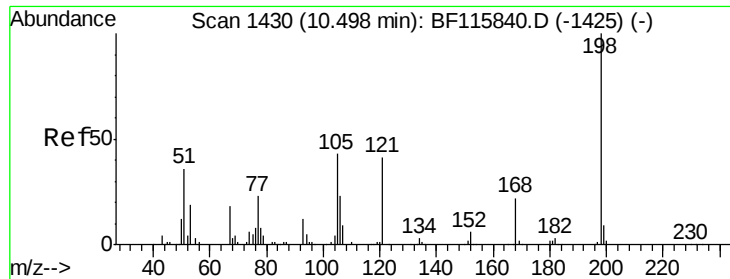
mohammad
8/1/2019 5:05:59 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	8.0	12.0	
80	9.6	8.6	12.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 7.341 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:198 Resp: 19626

Ion Ratio Lower Upper

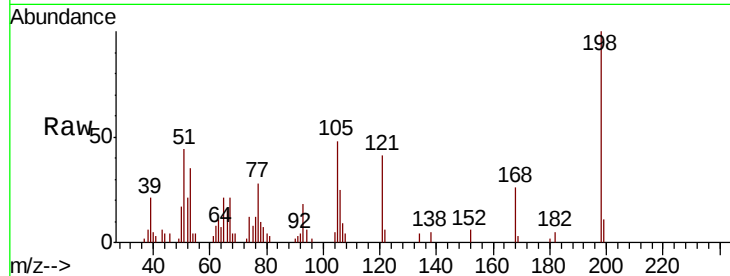
198 100

51 43.7 21.1 61.1

105 48.1 24.5 64.5

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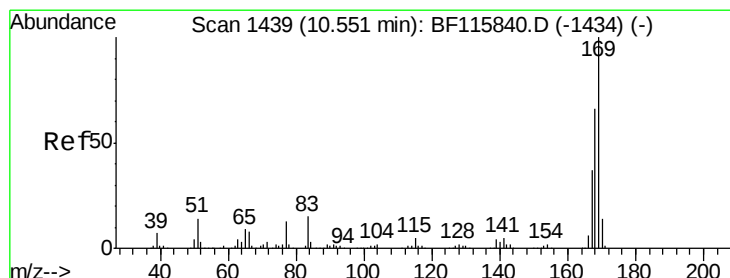
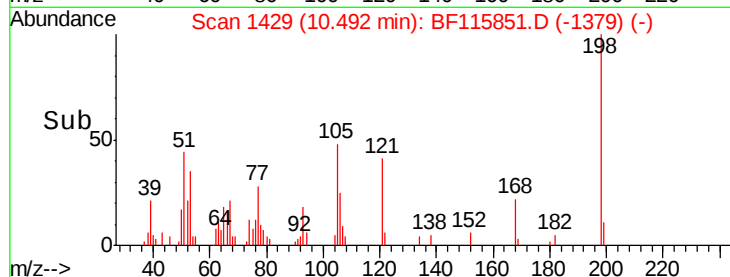
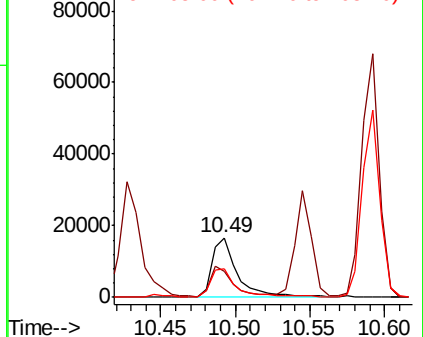
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.879 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

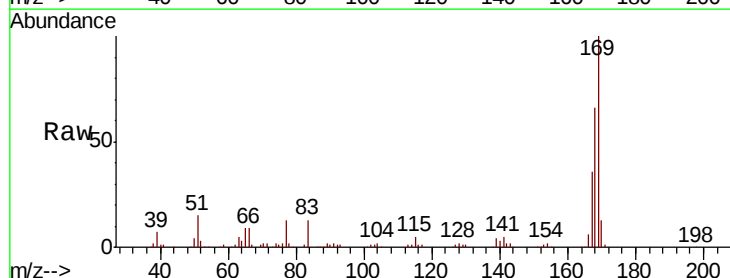
Tgt Ion:169 Resp: 165183

Ion Ratio Lower Upper

169 100

168 65.9 53.0 79.6

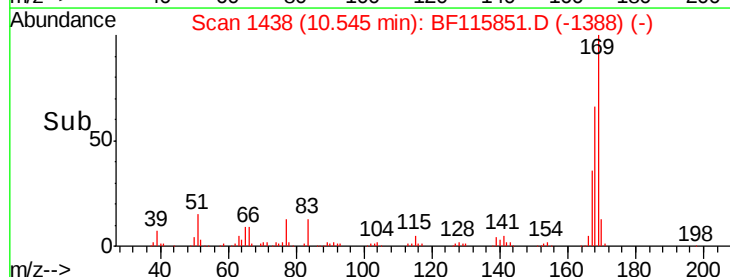
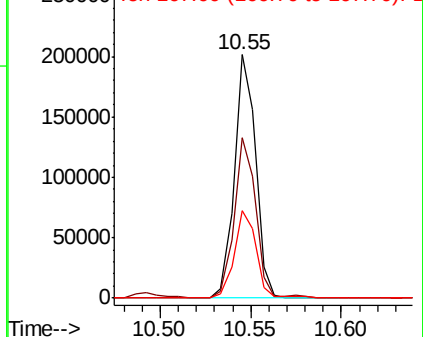
167 35.9 29.9 44.9

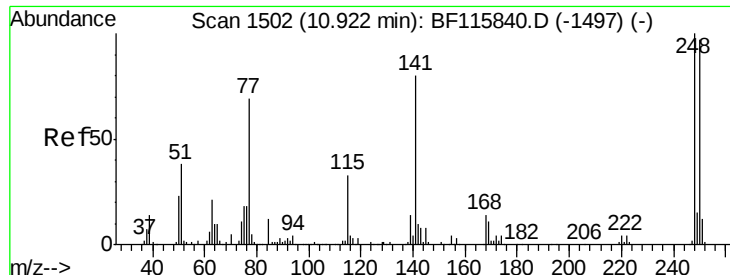


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





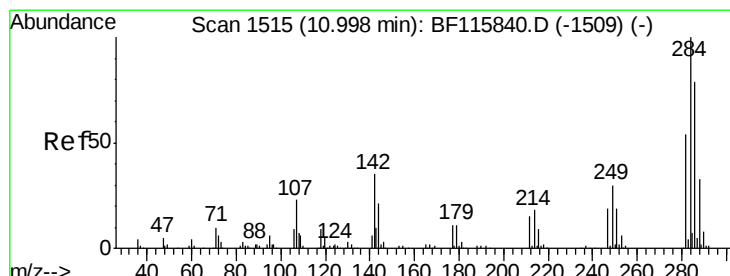
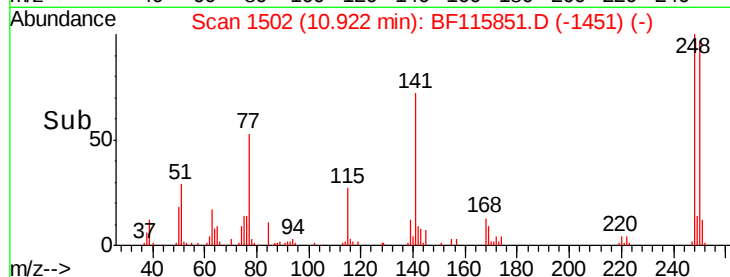
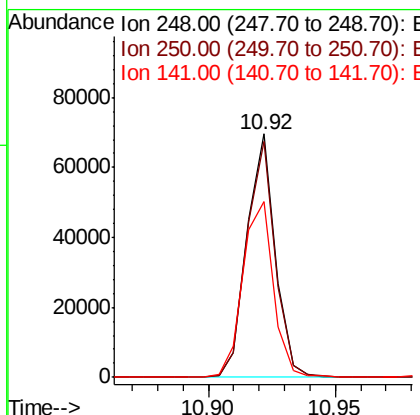
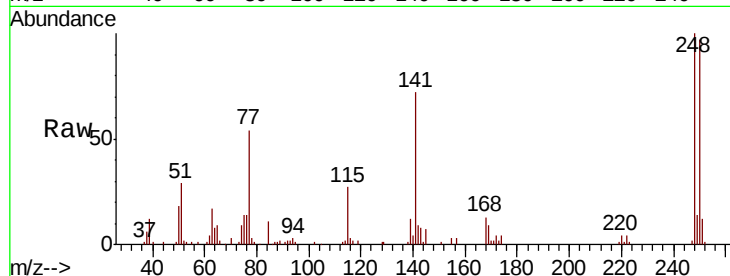
#67
4-Bromophenyl-phenylether
Concen: 10.027 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	72.2	64.3	96.5

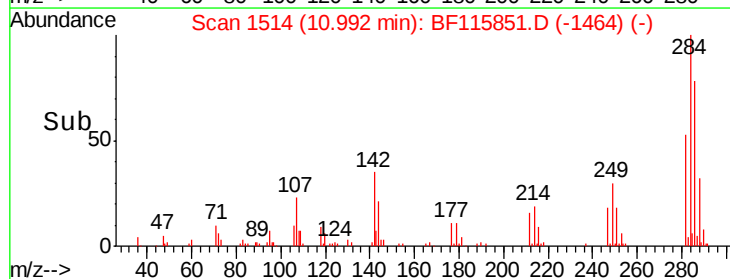
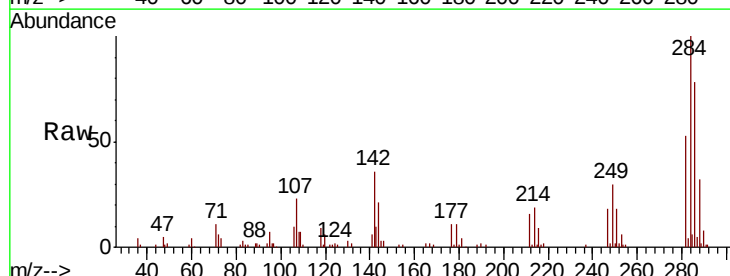
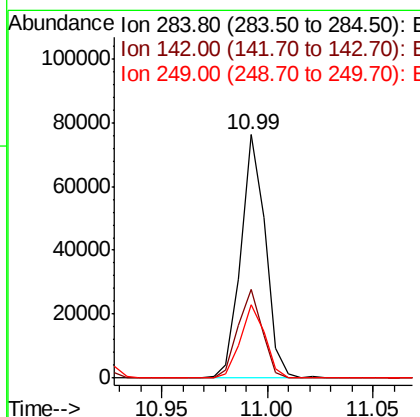
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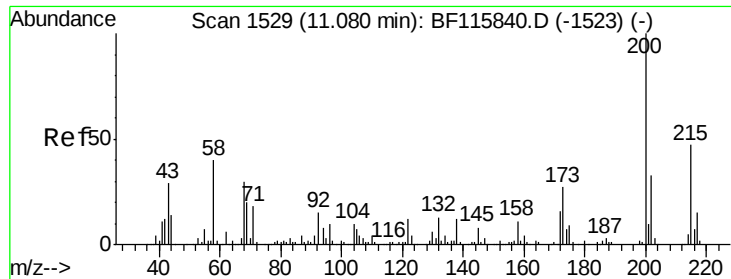
mohammad
8/1/2019 5:05:59 PM



#68
Hexachlorobenzene
Concen: 9.790 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.2	42.2
249	29.9	24.0	36.0





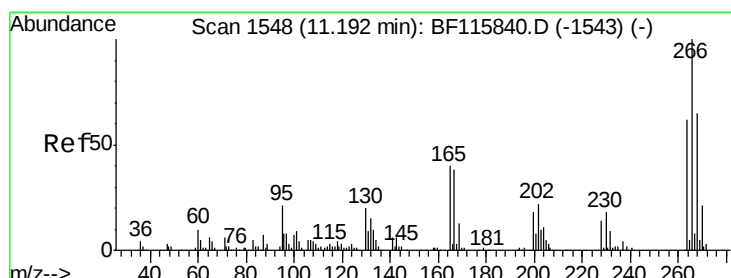
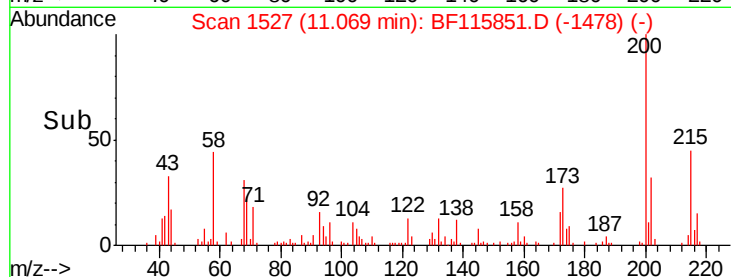
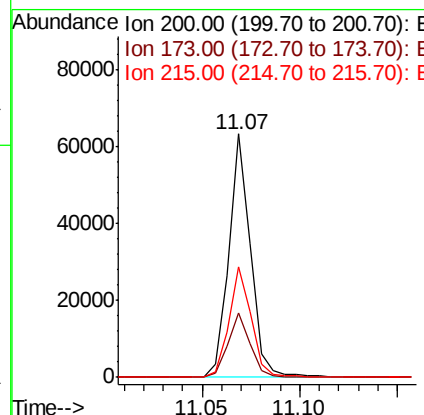
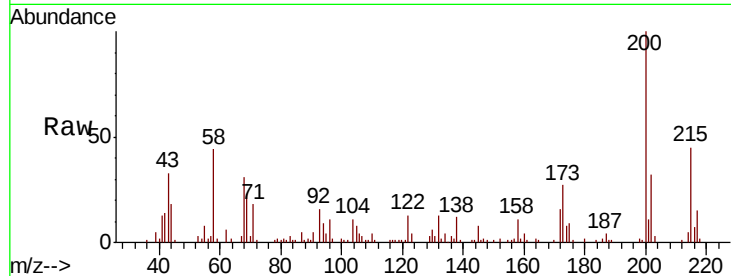
#69
Atrazine
Concen: 9.749 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.3	47.3
215	45.4	26.9	66.9

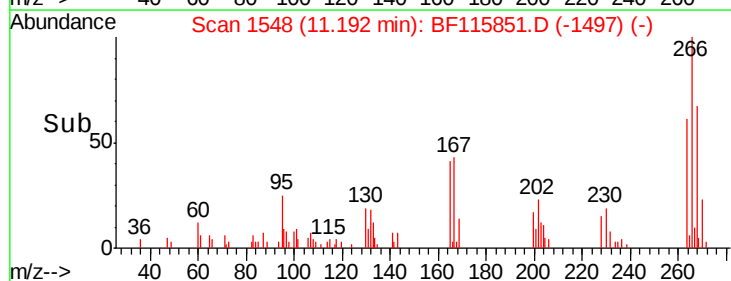
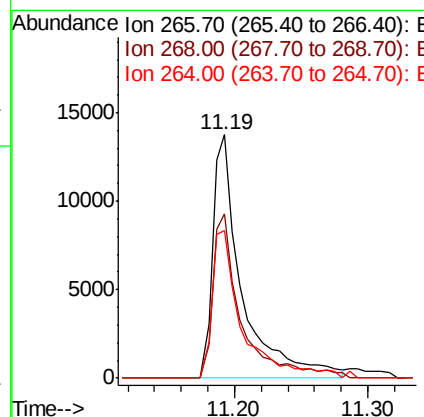
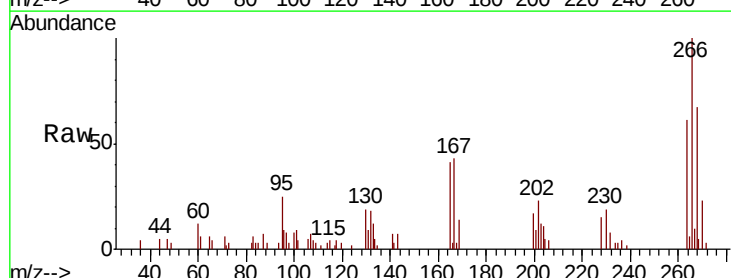
Manual Integrations
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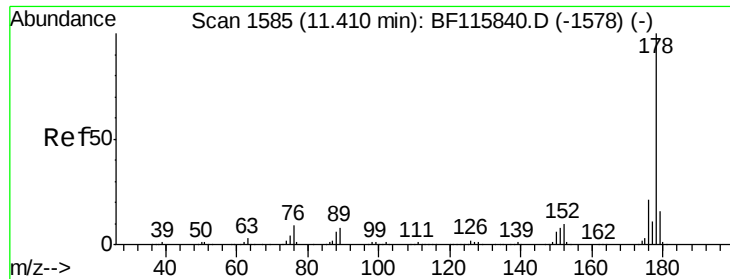
mohammad
8/1/2019 5:05:59 PM



#70
Pentachlorophenol
Concen: 6.945 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.9	51.6	77.4
264	60.6	49.4	74.0





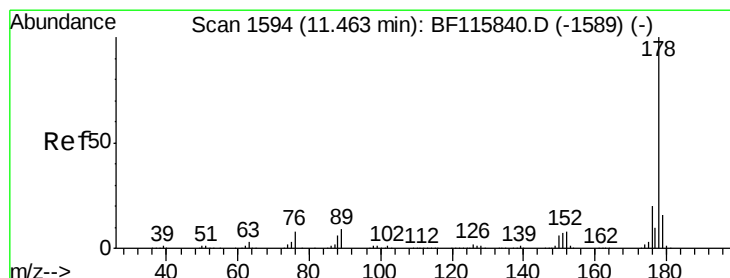
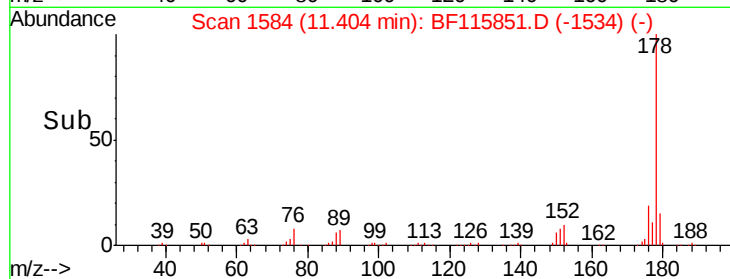
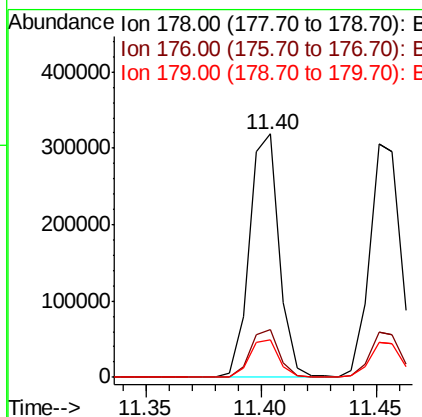
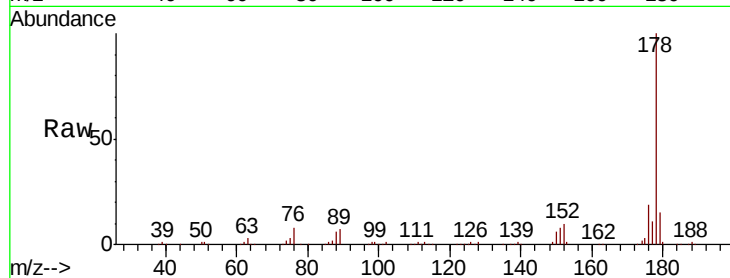
#71
Phenanthrene
Concen: 11.171 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.5	24.7
179	15.2	12.6	18.8

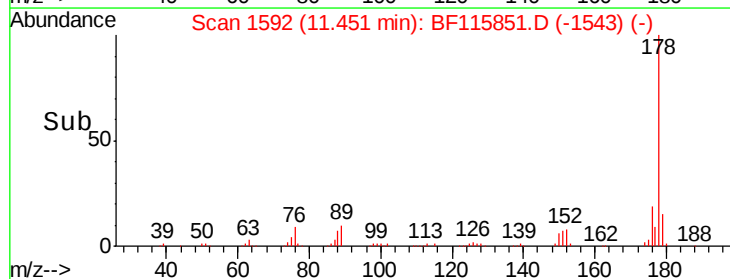
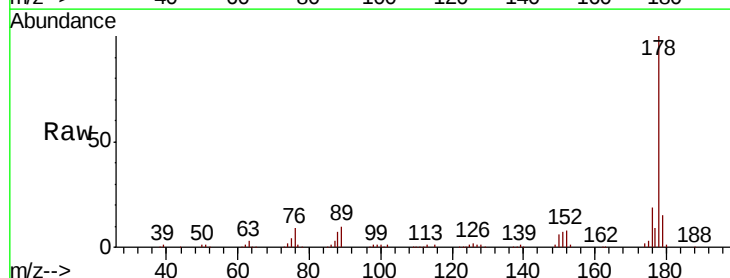
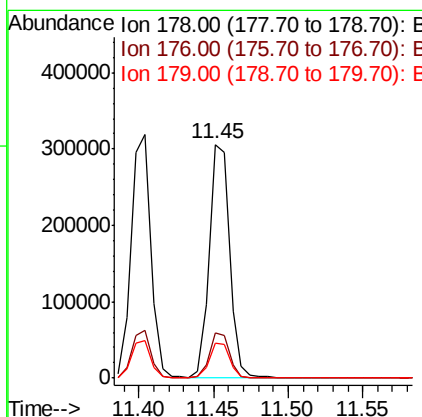
Manual Integrations
APPROVED

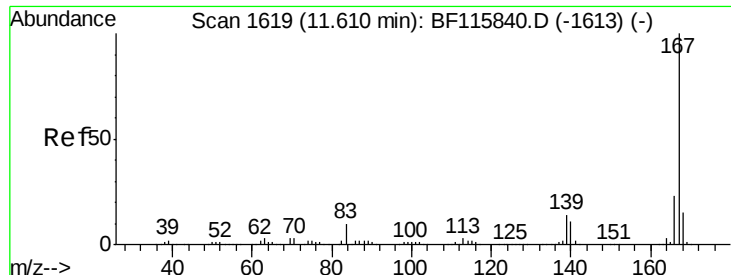
mohammad
8/1/2019 5:05:59 PM



#72
Anthracene
Concen: 11.146 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.4	18.6





#73

Carbazole

Concen: 10.966 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:167 Resp: 259678

Ion Ratio Lower Upper

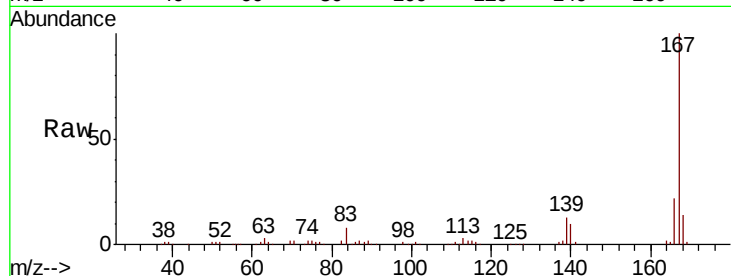
167 100

166 21.5 18.0 27.0

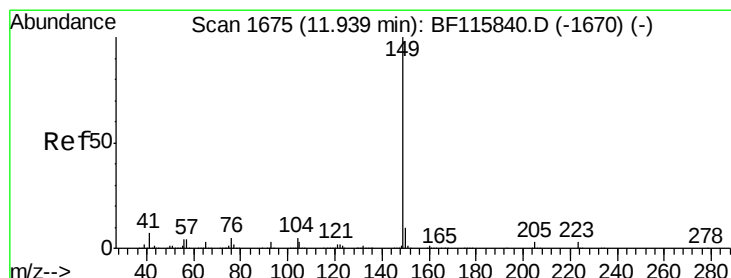
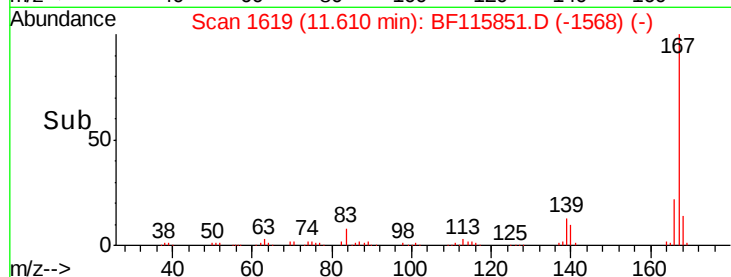
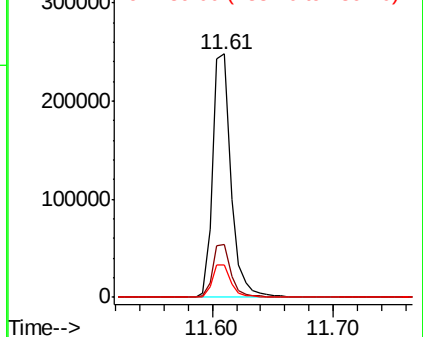
139 13.1 11.4 17.2

Manual Integrations
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mohammad
8/1/2019 5:05:59 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 9.920 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

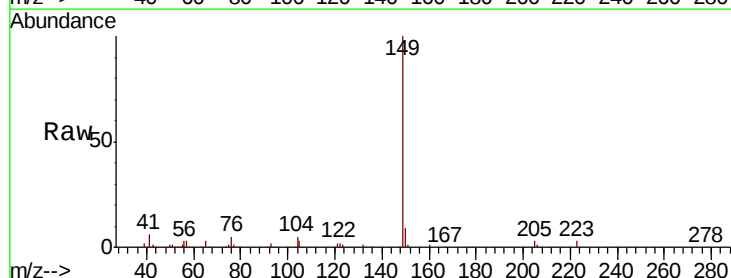
Tgt Ion:149 Resp: 274030

Ion Ratio Lower Upper

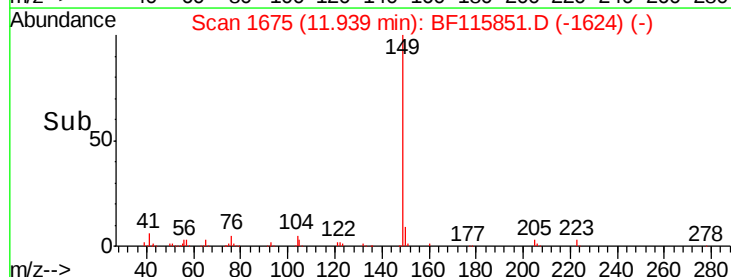
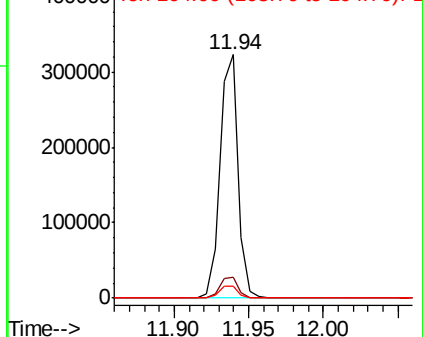
149 100

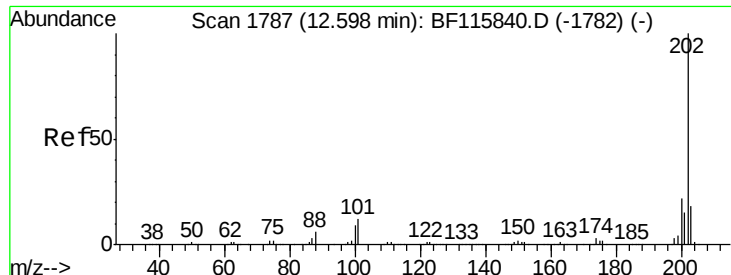
150 8.8 7.7 11.5

104 4.7 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.880 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

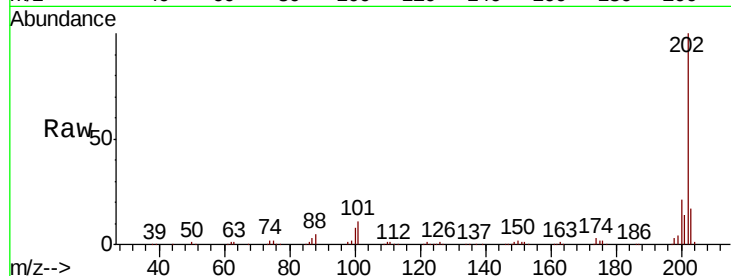
ClientSampleId :

LOQ-WATER-02-QT3-2019

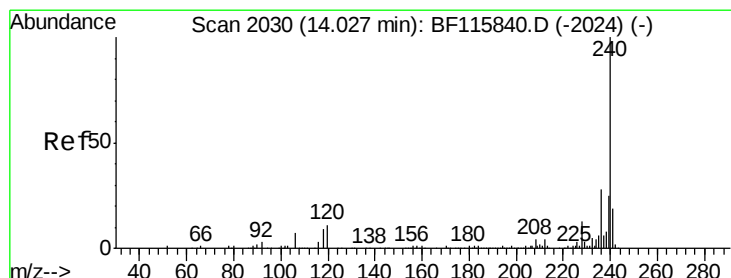
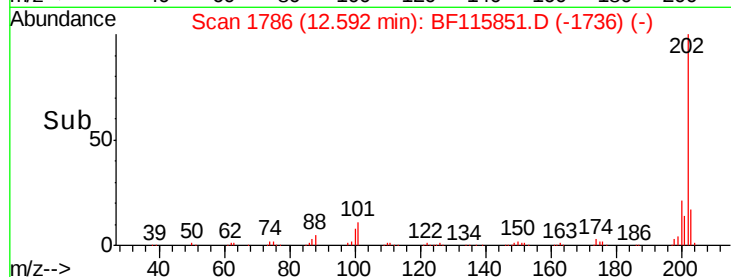
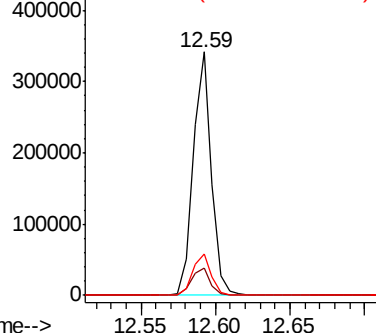
Tot Ion	Ratio	Resp	Lower	Upper
202	100	293753		
101	11.1	0.0	31.5	
203	17.1	0.0	37.9	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

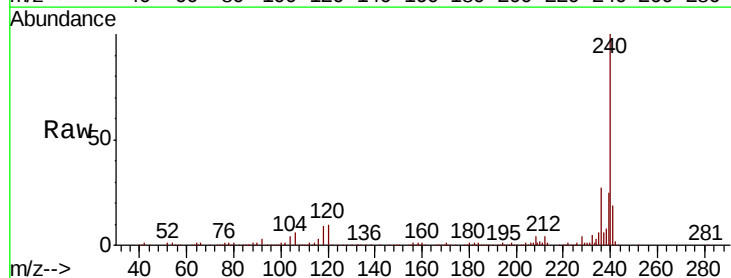
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

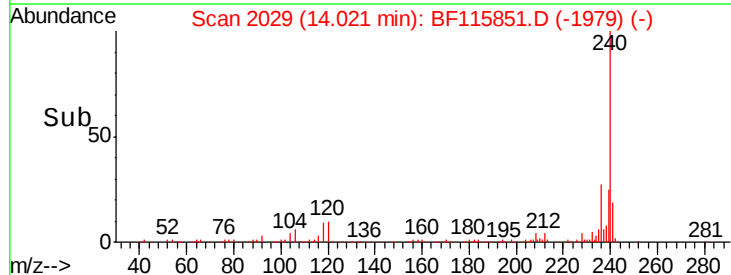
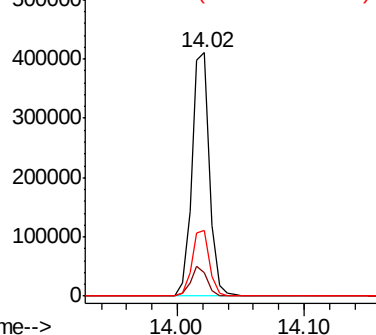
Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	398098		
120	9.6	8.5	12.7	
236	26.8	22.2	33.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.597 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

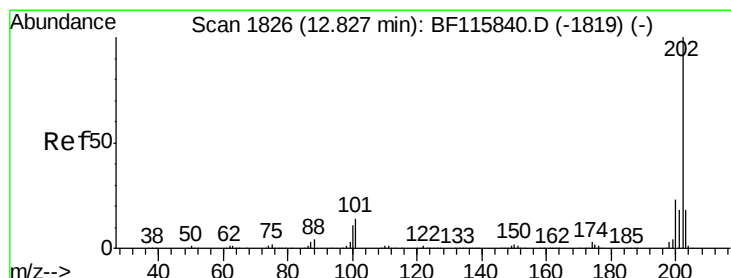
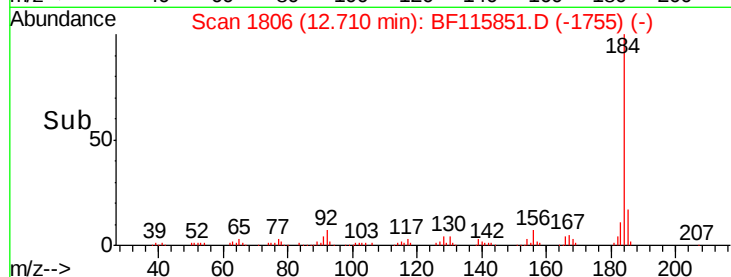
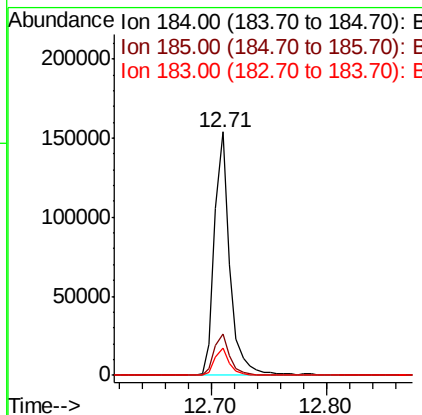
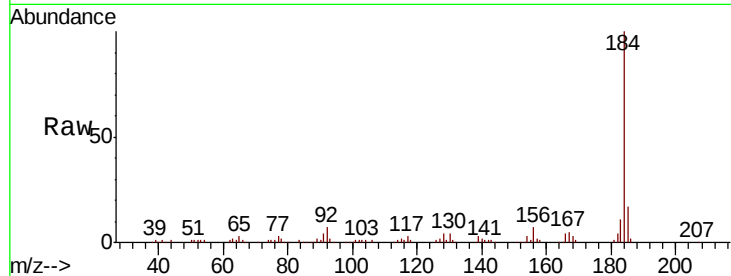
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	184	Resp:	142525
Ion Ratio	Lower	Upper	
184	100		
185	17.0	13.4	20.2
183	11.1	9.1	13.7

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#78

Pyrene

Concen: 10.201 ng

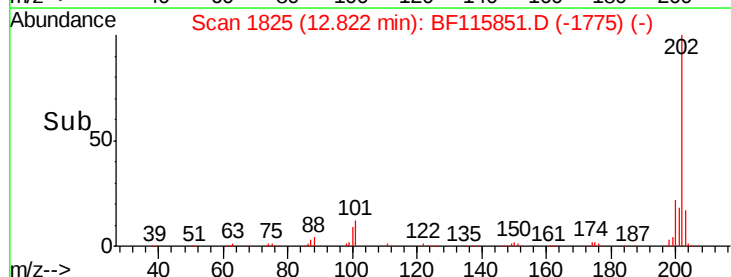
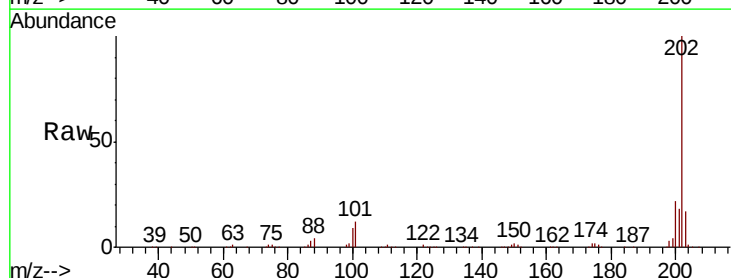
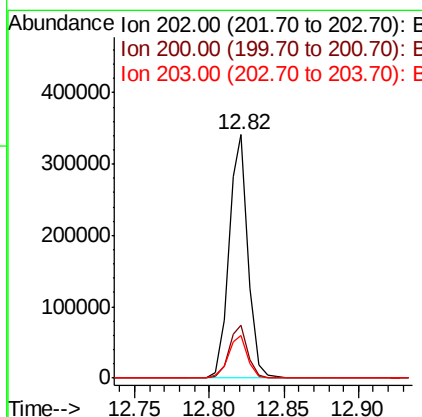
RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:	202	Resp:	306136
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.2	27.2
203	17.4	14.3	21.5





#79

Terphenyl-d14

Concen: 75.098 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:244 Resp: 1418797

Ion Ratio Lower Upper

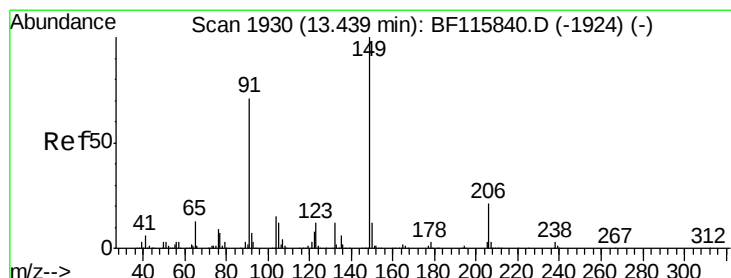
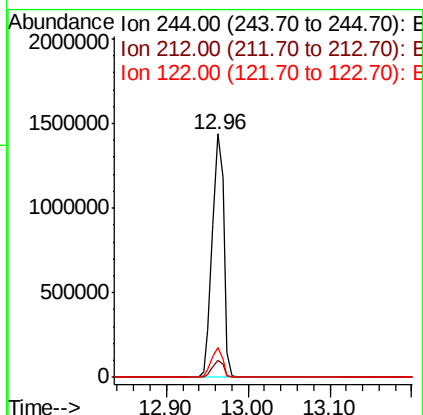
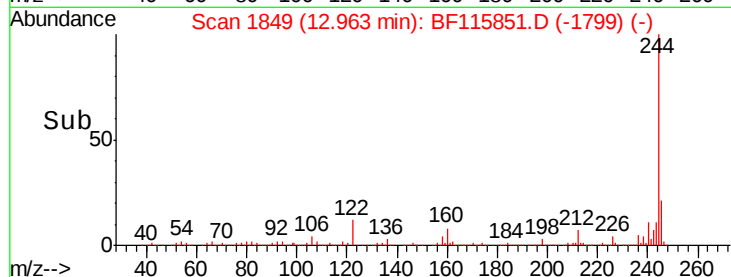
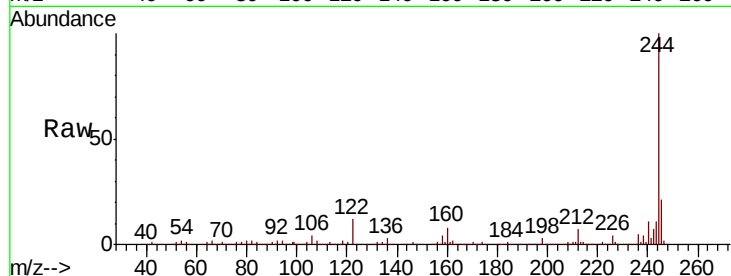
244 100

212 7.2 5.6 8.4

122 12.1 8.6 13.0

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#80

Butylbenzylphthalate

Concen: 8.419 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

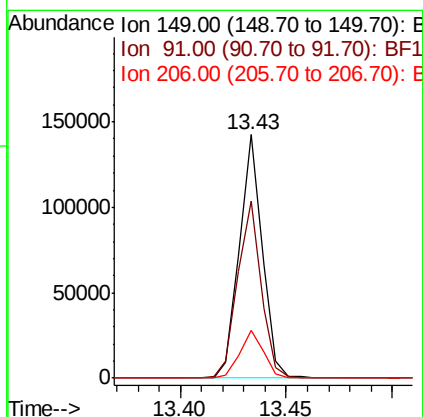
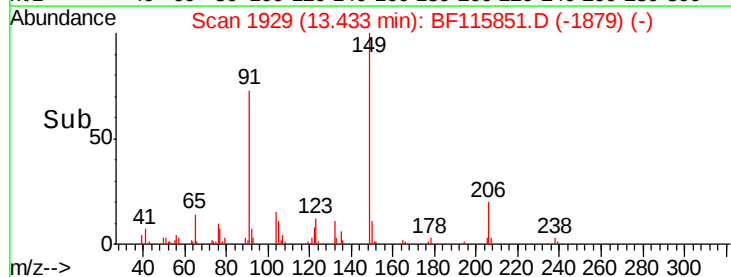
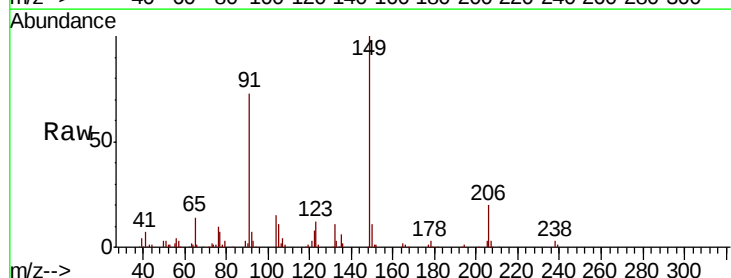
Tgt Ion:149 Resp: 106870

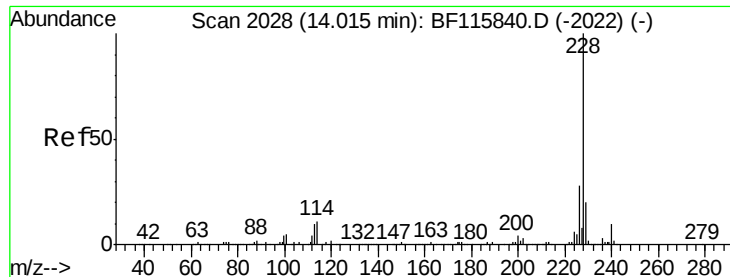
Ion Ratio Lower Upper

149 100

91 72.9 57.0 85.6

206 19.7 16.9 25.3





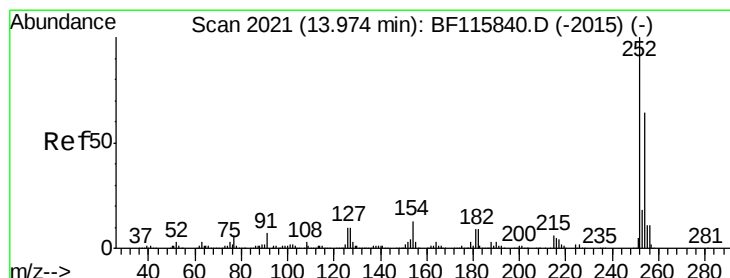
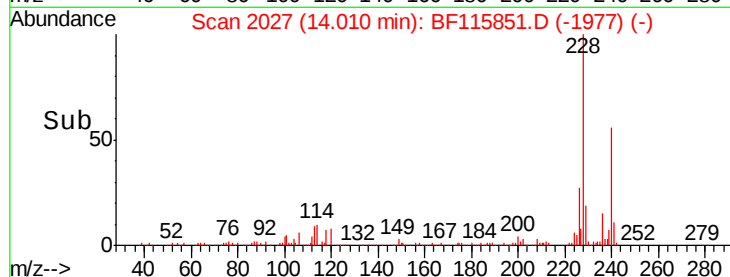
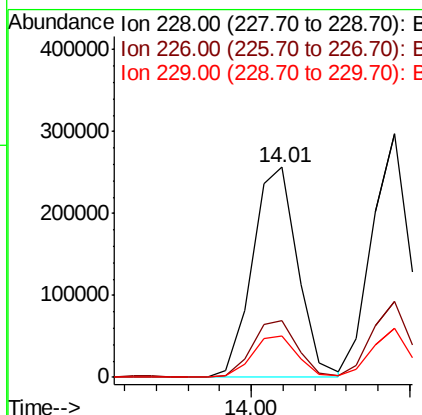
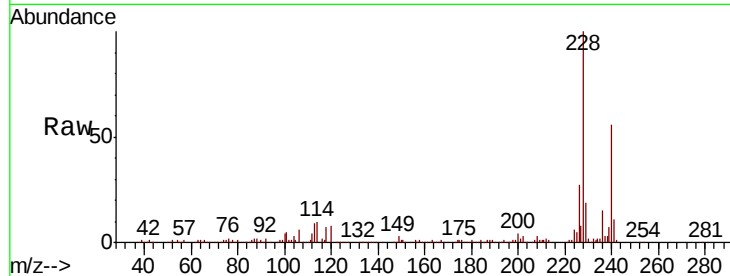
#81
Benzo(a)anthracene
Concen: 10.009 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.5	33.7
229	19.4	16.1	24.1

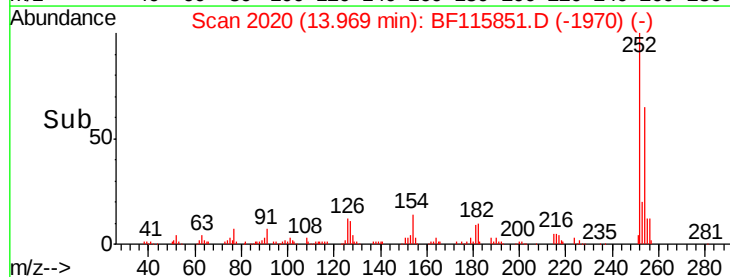
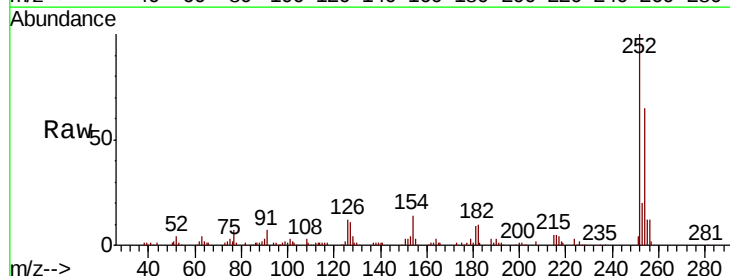
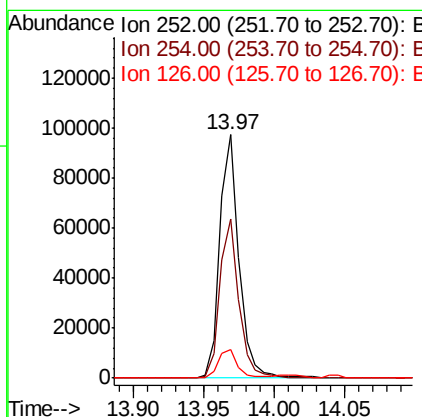
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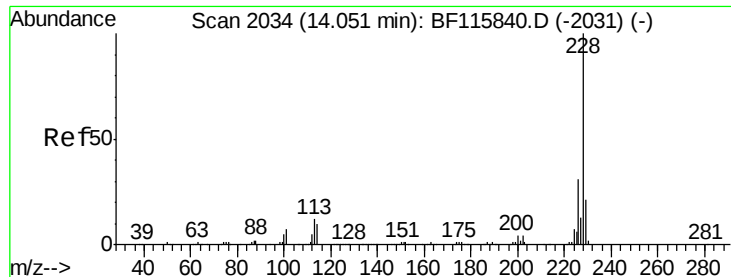
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 10.425 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	11.5	8.1	12.1





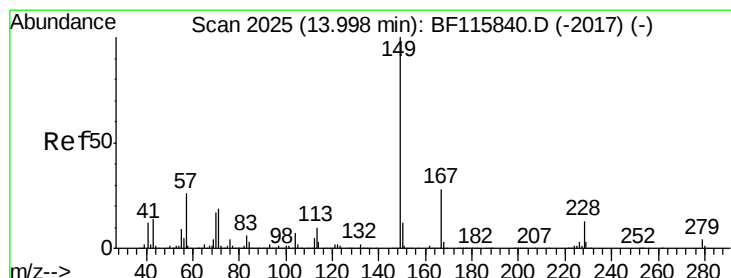
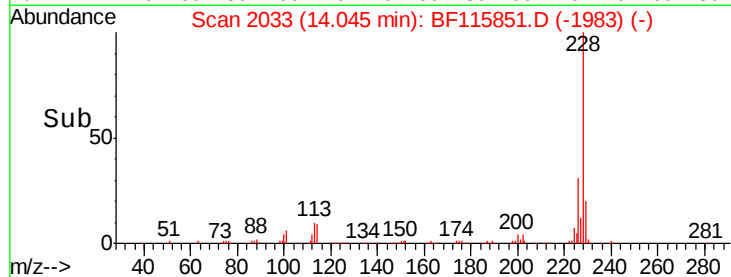
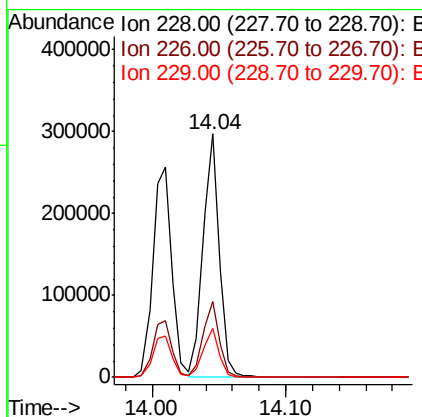
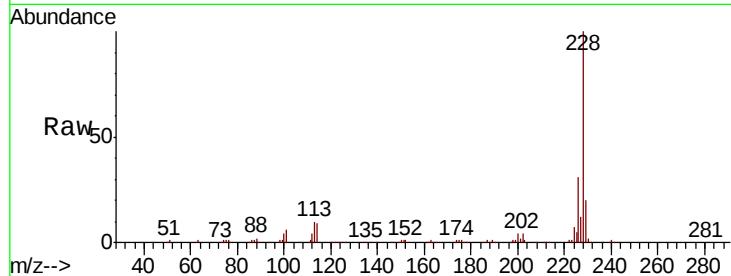
#83
 Chrvsene
 Concen: 10.161 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.1	16.4	24.6

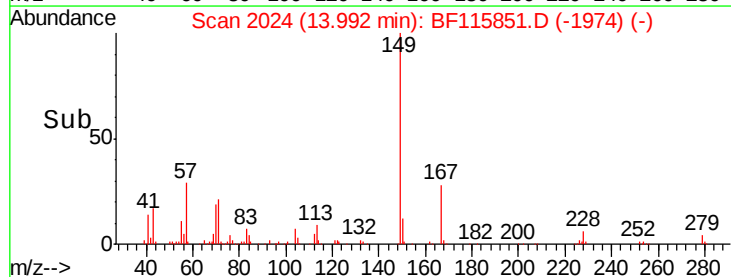
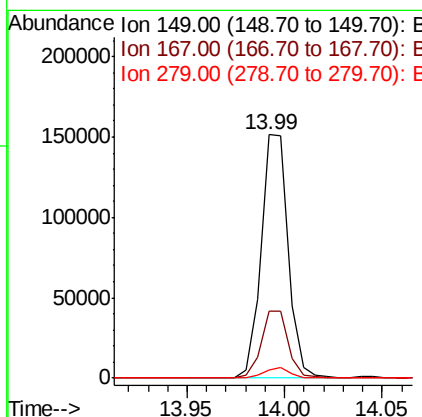
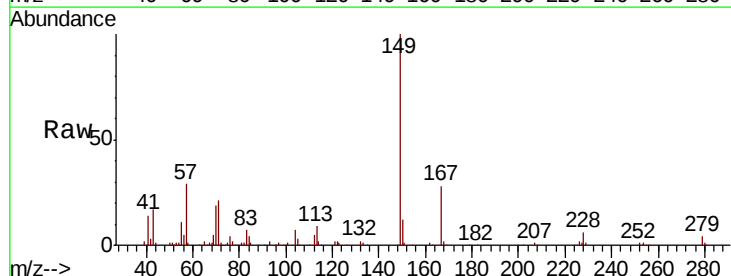
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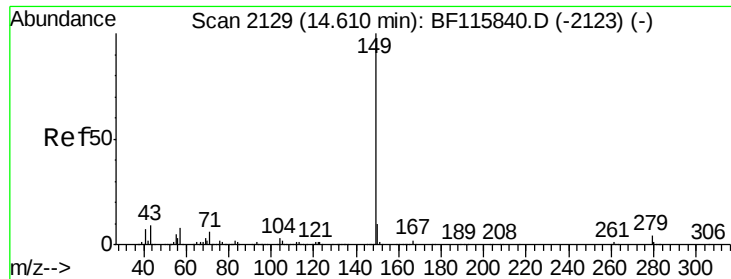
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.826 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	3.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 8.620 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

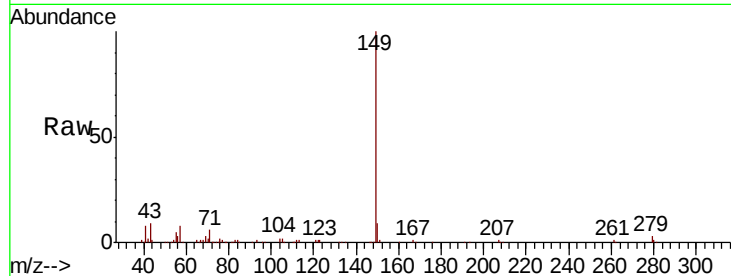
ClientSampleId :

LOQ-WATER-02-QT3-2019

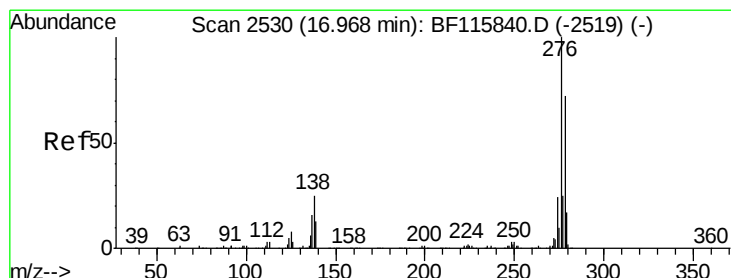
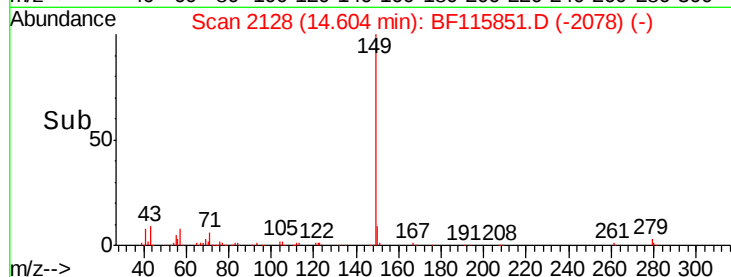
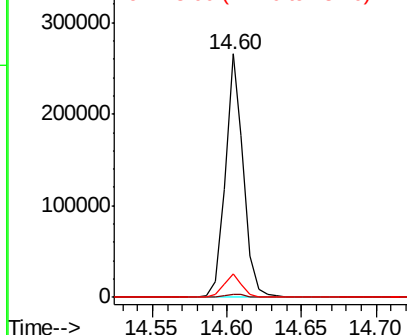
Tot Ion:	149	Resp:	225857
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	9.7	7.4	11.0

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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: 9.164 ng

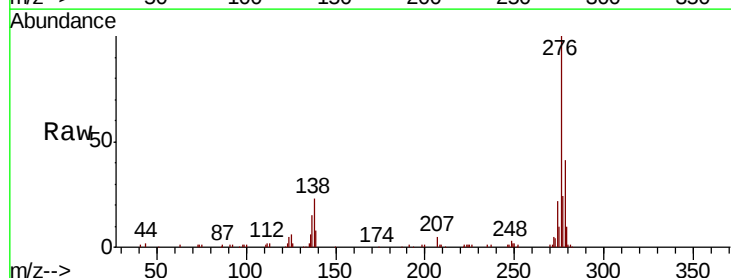
RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

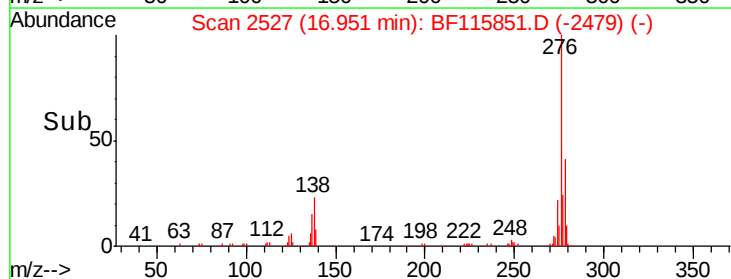
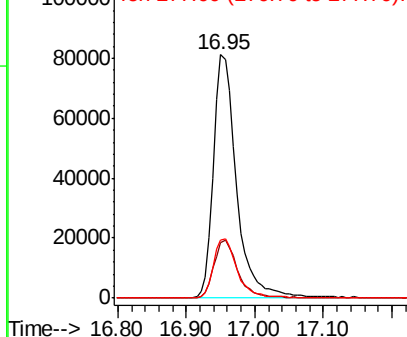
Lab File: BF115851.D

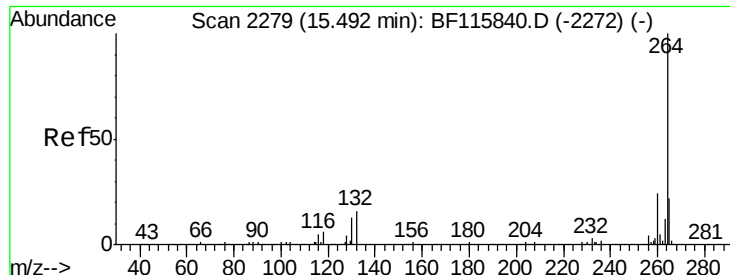
Acq: 30 Jul 2019 19:28

Tgt Ion:	276	Resp:	190142
Ion Ratio	Lower	Upper	
276	100		
138	24.6	19.6	29.4
277	24.9	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





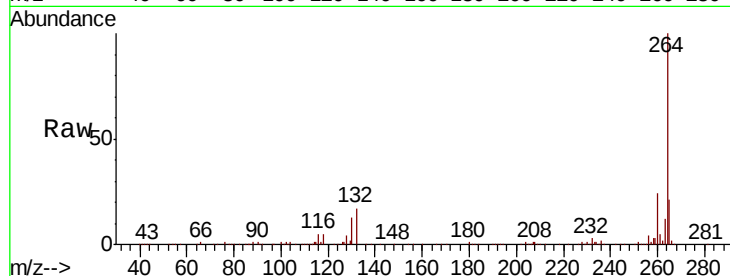
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.0	17.5	26.3

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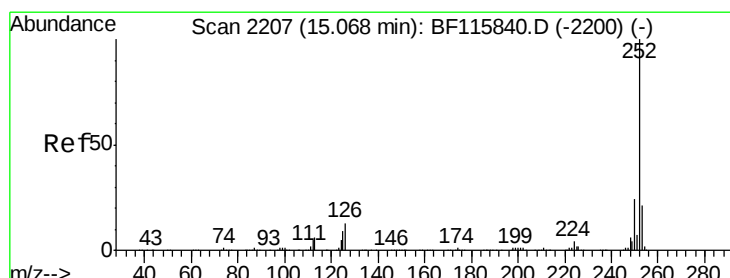
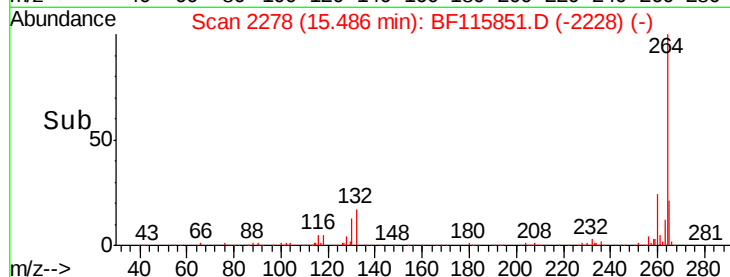
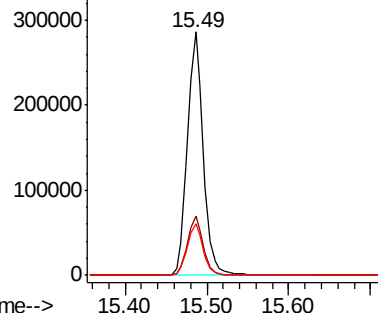


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 9.560 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

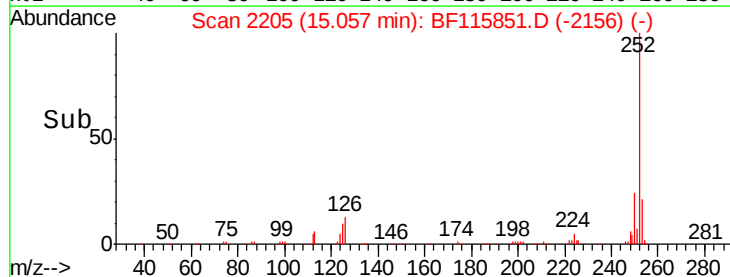
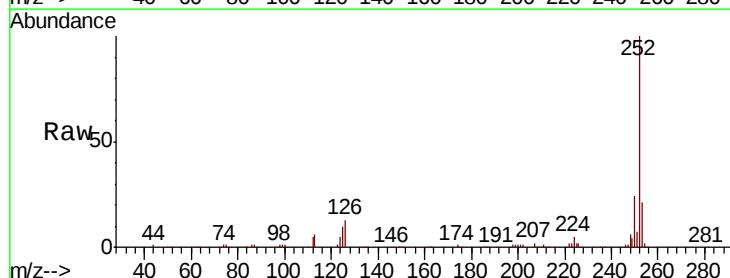
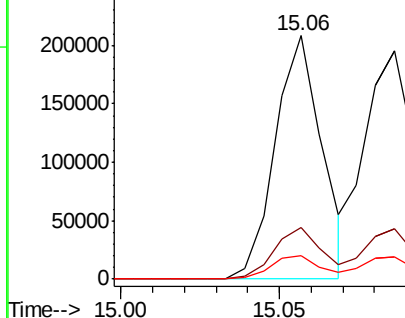
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.5	7.4	11.0

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





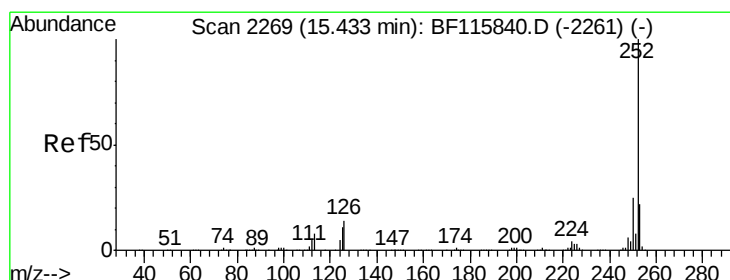
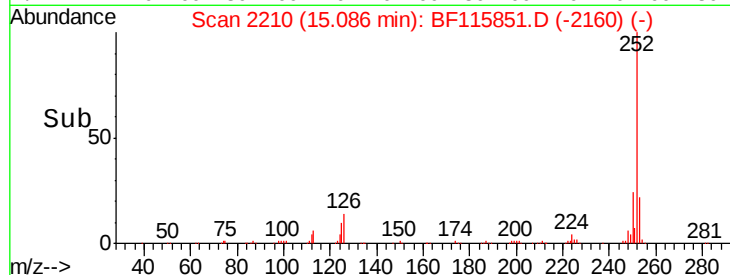
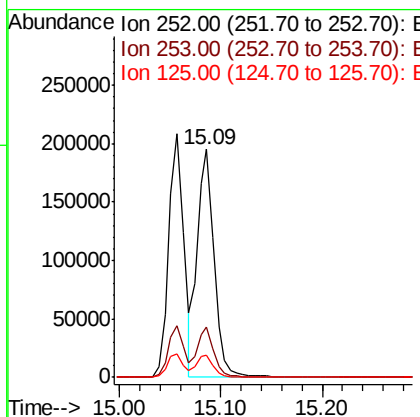
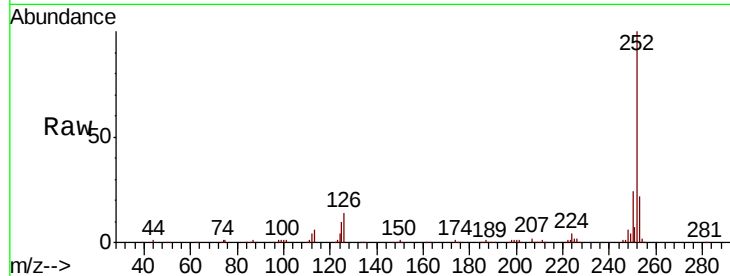
#89
Benzo(k)fluoranthene
Concen: 10.373 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.0	8.9	13.3

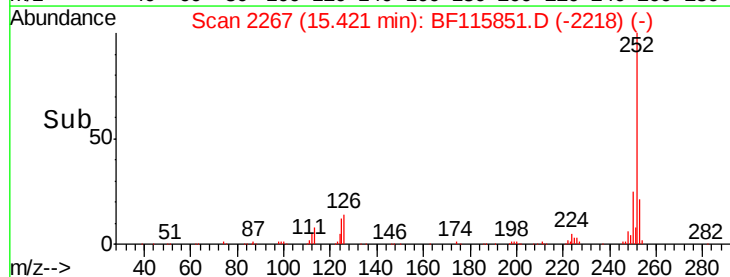
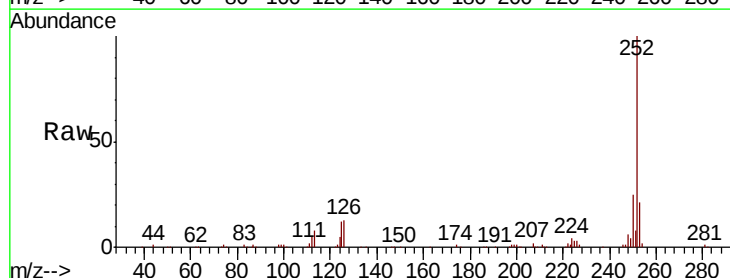
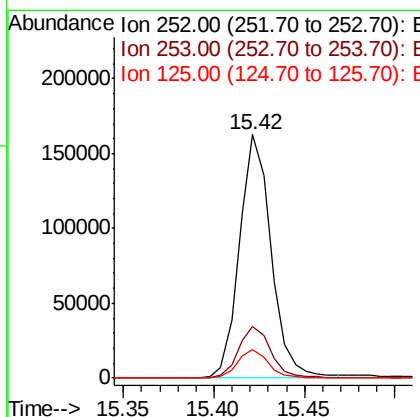
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#90
Benzo(a)pyrene
Concen: 9.866 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	11.6	8.8	13.2





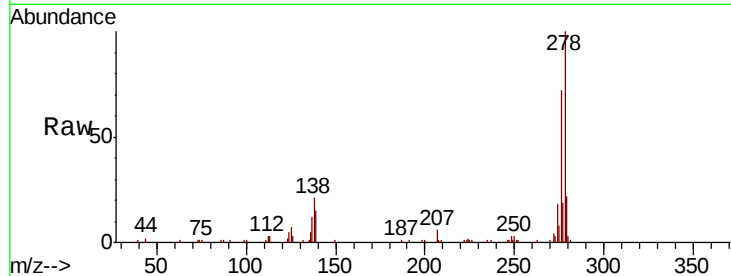
#91
Dibenzo(a,h)anthracene
Concen: 9.068 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	22.3	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:59 PM

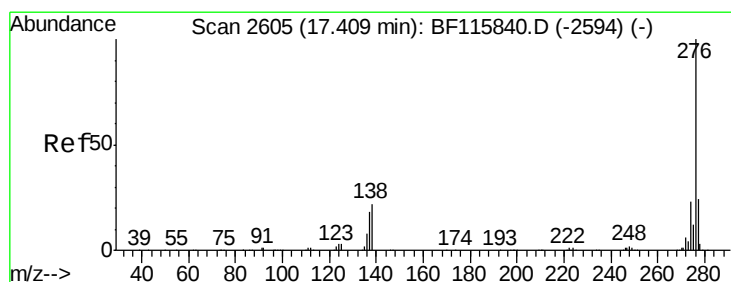
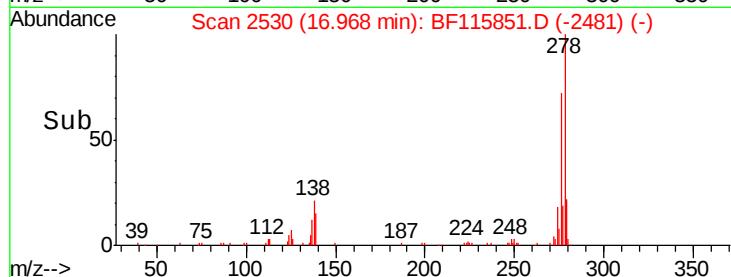
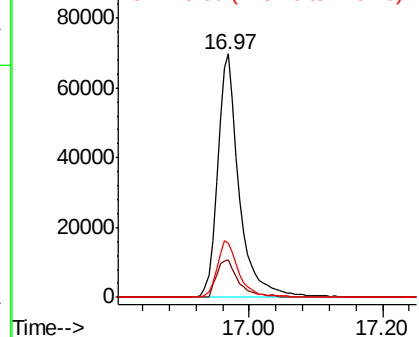


Abundance

Ion 278.00 (277.70 to 278.70): E

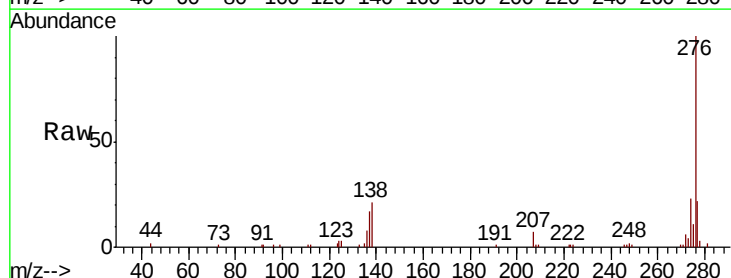
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.119 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.5	29.3
138	21.3	17.8	26.8



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

