

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115849.D
 Acq On : 30 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations
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Quant Time: Jul 31 15:38:44 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	127925	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514756	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	271617	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	472404	20.00	ng	0.00
76) Chrysene-d12	14.02	240	364635	20.00	ng	0.00
87) Perylene-d12	15.49	264	350284	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	959186	125.52	ng	0.00
7) Phenol-d6	6.49	99	1194800	123.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	746655	83.73	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	323265	122.76	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1243989	85.79	ng	0.00
79) Terphenyl-d14	12.96	244	1324467	76.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	20648	5.349	ng	100
3) Pyridine	3.45	79	40296	3.737	ng	99
4) n-Nitrosodimethylamine	3.31	42	20269	4.763	ng	# 92
6) Aniline	6.52	93	71341	5.167	ng	99
8) 2-Chlorophenol	6.64	128	46007	5.445	ng	96
9) Benzaldehyde	6.40	77	39894	5.997	ng	98
10) Phenol	6.49	94	62690	5.522	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	43077	5.161	ng	96
12) 1,3-Dichlorobenzene	6.79	146	50217	5.142	ng	99
13) 1,4-Dichlorobenzene	6.87	146	51186	5.235	ng	98
14) 1,2-Dichlorobenzene	7.02	146	47519	5.278	ng	99
15) Benzyl Alcohol	6.99	79	46032	6.291	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	57218	5.025	ng	98
17) 2-Methylphenol	7.10	107	38531	5.385	ng	98
18) Hexachloroethane	7.36	117	17635	4.899	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	31315	5.242	ng	96
20) 3+4-Methylphenols	7.26	107	47867	5.653	ng	# 48
22) Acetophenone	7.26	105	64608	5.723	ng	98
24) Nitrobenzene	7.43	77	53176	5.522	ng	97
25) Isophorone	7.66	82	86281	5.060	ng	97
26) 2-Nitrophenol	7.75	139	20643	4.548	ng	98
27) 2,4-Dimethylphenol	7.79	122	37513	5.493	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	53050	5.019	ng	98
29) 2,4-Dichlorophenol	8.00	162	35850	4.972	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	41628	5.065	ng	99
31) Naphthalene	8.15	128	138226	5.706	ng	99
32) Benzoic acid	7.88	122	12054m	2.504	ng	
33) 4-Chloroaniline	8.20	127	55612	5.138	ng	96
34) Hexachlorobutadiene	8.27	225	22970	4.852	ng	99
35) Caprolactam	8.53	113	10929	4.687	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	38403	5.120	ng	94
37) 2-Methylnaphthalene	8.85	142	91339	5.725	ng	98
38) 1-Methylnaphthalene	8.95	142	85824	5.687	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	39587	5.452	ng	99

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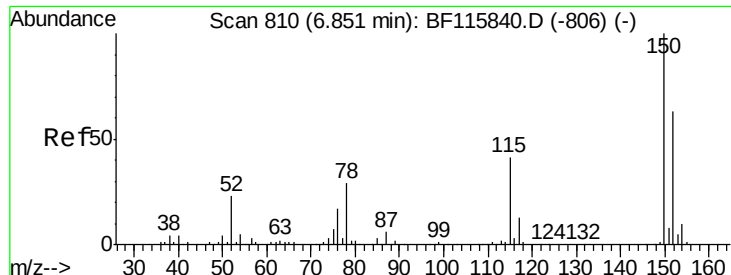
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	5411	1.906	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	22325	4.467	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	24738	4.788	nq	97
46) 1,1'-Biphenyl	9.31	154	112437	5.863	nq	99
47) 2-Chloronaphthalene	9.34	162	84139	5.272	nq	99
48) 2-Nitroaniline	9.43	65	23950	4.540	nq	94
49) Acenaphthylene	9.75	152	131506	5.648	nq	97
50) Dimethylphthalate	9.60	163	92861	5.021	nq	99
51) 2,6-Dinitrotoluene	9.67	165	19309	4.804	nq #	85
52) Acenaphthene	9.92	154	79847	5.590	nq	98
53) 3-Nitroaniline	9.84	138	21939	4.418	nq	87
54) 2,4-Dinitrophenol	9.97	184	1985	1.163	nq	98
55) Dibenzofuran	10.10	168	119383	5.747	nq	99
56) 4-Nitrophenol	10.02	139	10144	3.189	nq	94
57) 2,4-Dinitrotoluene	10.08	165	24261	4.534	nq	99
58) Fluorene	10.44	166	93203	5.832	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	19662	4.523	nq #	96
60) Diethylphthalate	10.31	149	87532	5.069	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	43948	5.429	nq	94
62) 4-Nitroaniline	10.45	138	23323	4.544	nq	96
63) Azobenzene	10.59	77	95451	5.375	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	7013	2.801	nq	100
66) n-Nitrosodiphenylamine	10.55	169	78083	5.492	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	25339	5.011	nq	95
68) Hexachlorobenzene	10.99	284	29071	4.971	nq	96
69) Atrazine	11.07	200	22354	4.779	nq	99
70) Pentachlorophenol	11.19	266	8340	2.938	nq	95
71) Phenanthrene	11.40	178	139211	5.764	nq	98
72) Anthracene	11.46	178	138627	5.672	nq	100
73) Carbazole	11.61	167	122227	5.512	nq	97
74) Di-n-butylphthalate	11.94	149	124417	4.810	nq	98
75) Fluoranthene	12.59	202	137965	5.457	nq	98
77) Benzidine	12.71	184	58067	4.714	nq	98
78) Pyrene	12.82	202	146154	5.317	nq	98
80) Butylbenzylphthalate	13.43	149	45825	3.941	nq	95
81) Benzo(a)anthracene	14.01	228	118890	5.101	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	40175	4.962	nq	99
83) Chrysene	14.04	228	119118	5.264	nq	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	63337	4.192	nq	98
85) Di-n-octyl phthalate	14.60	149	96139	4.006	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	86193	4.536	nq	99
88) Benzo(b)fluoranthene	15.06	252	95097	4.695	nq	98
89) Benzo(k)fluoranthene	15.09	252	106875m	5.418	nq	
90) Benzo(a)pyrene	15.42	252	91458	5.051	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	71065	4.534	nq	98
92) Benzo(g,h,i)perylene	17.40	276	69584	4.521	nq	98

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



#1

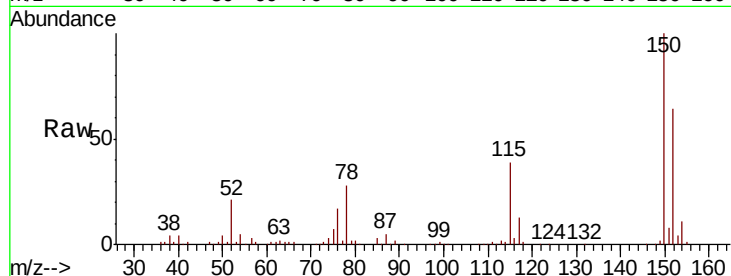
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	60.5	51.8	77.8

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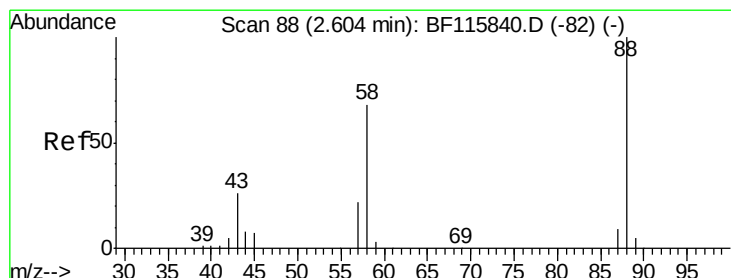
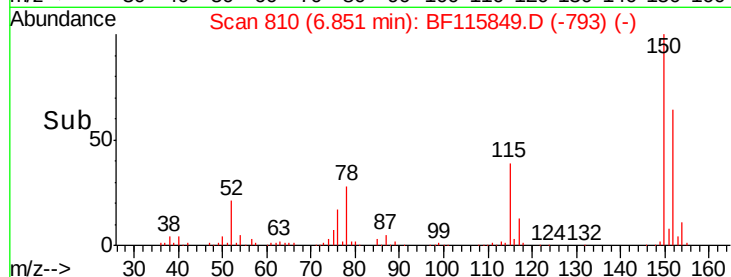
Abundance

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

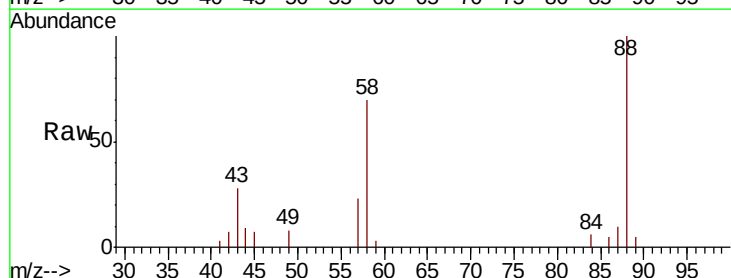
Time-->



#2

1,4-Dioxane
Concen: 5.349 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	54.1	81.1
43	26.3	20.7	31.1



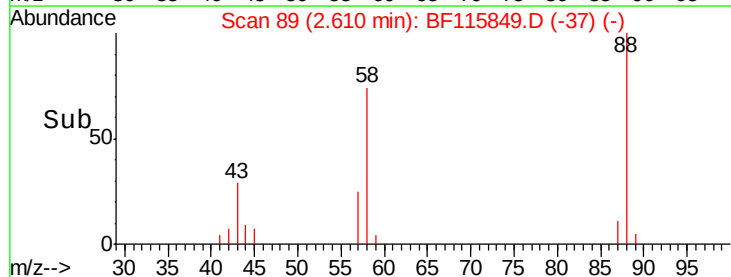
Abundance

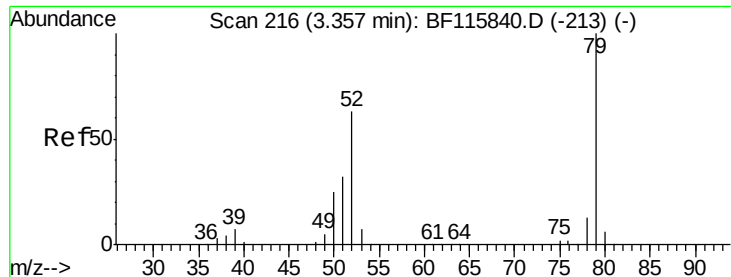
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 3.737 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.09 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

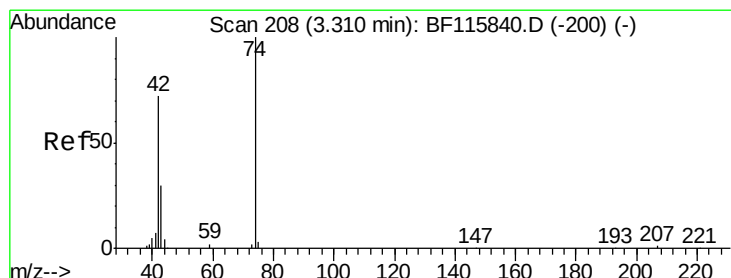
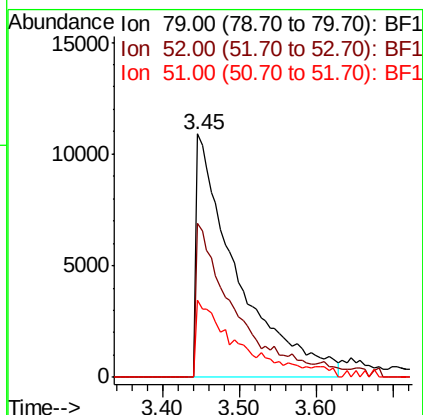
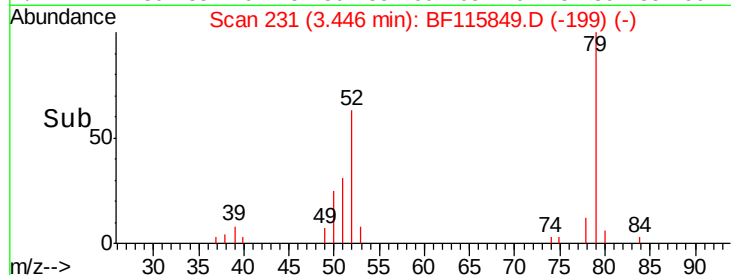
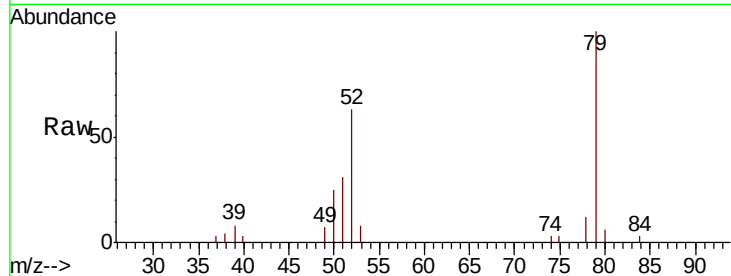
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	79	Resp:	40296
Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.4
51	31.5	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 4.763 ng

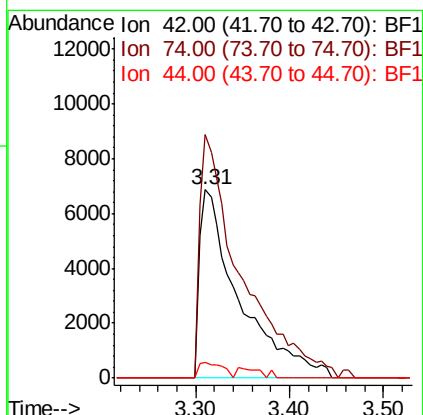
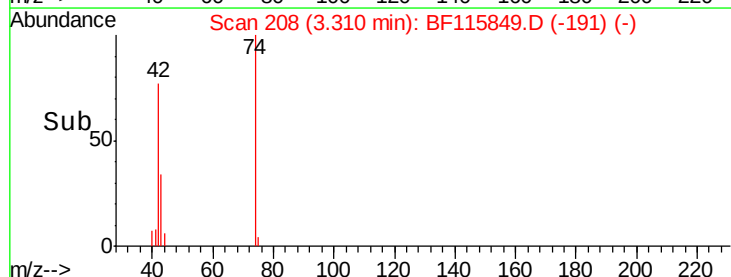
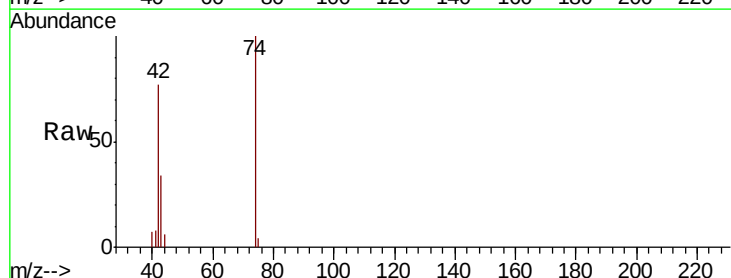
RT: 3.31 min Scan# 208

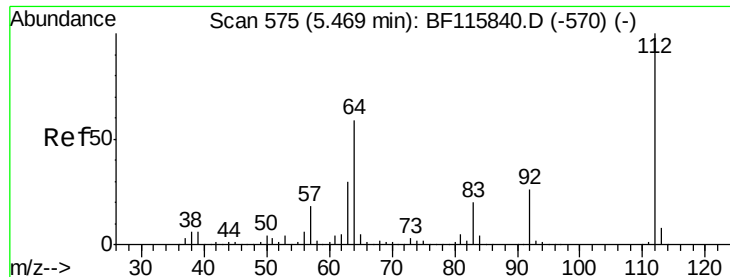
Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	42	Resp:	20269
Ion	Ratio	Lower	Upper
42	100		
74	129.4	111.0	166.4
44	8.2	4.7	7.1#





#5

2-Fluorophenol

Concen: 125.522 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

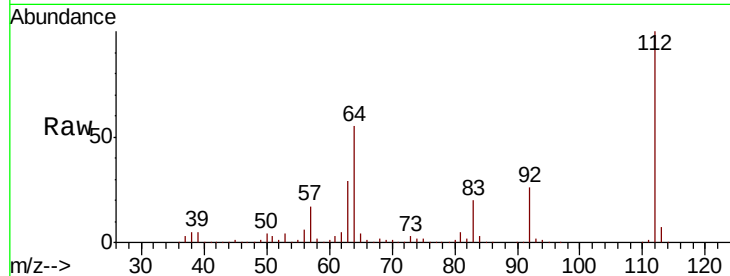
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

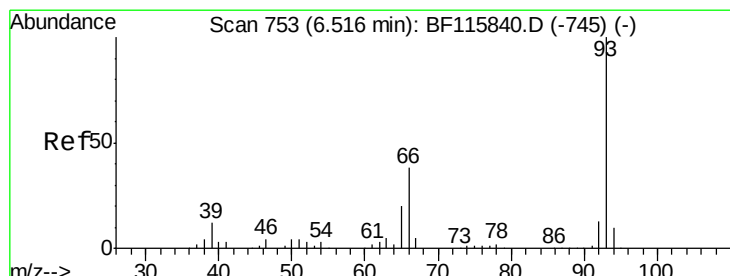
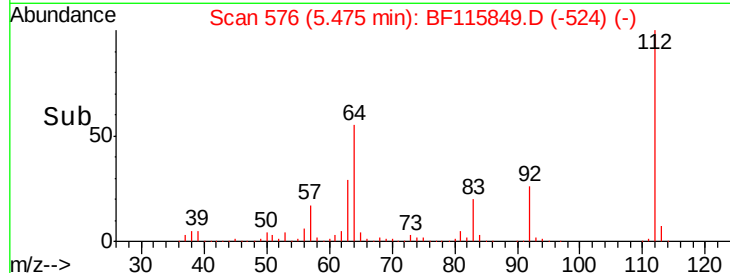
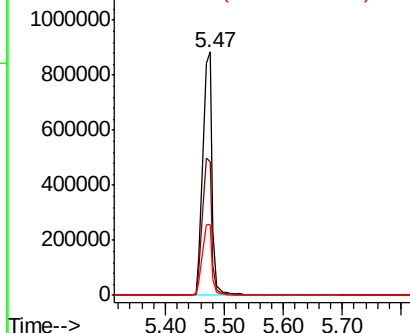
Tot Ion:	112	Resp:	959186
Ion Ratio	Lower	Upper	
112	100		
64	54.9	46.8	70.2
63	29.1	24.2	36.2

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



#6

Aniline

Concen: 5.167 ng

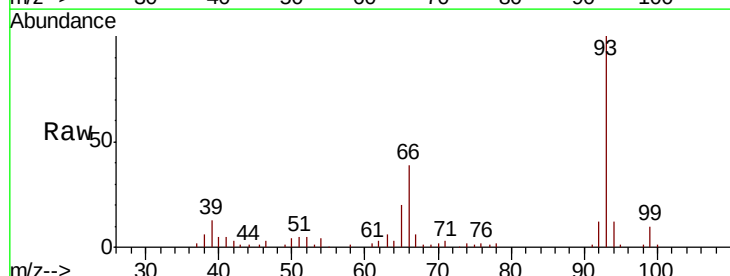
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

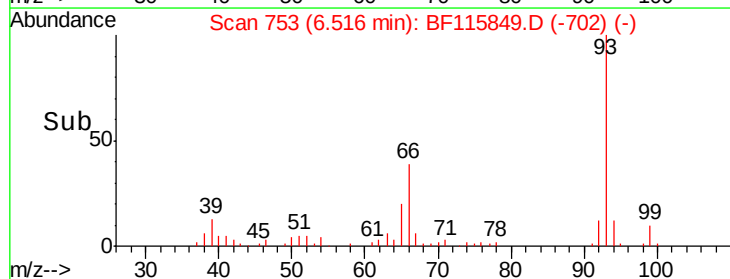
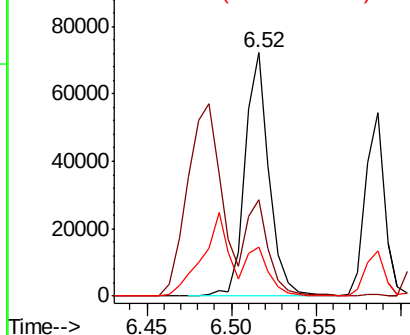
Lab File: BF115849.D

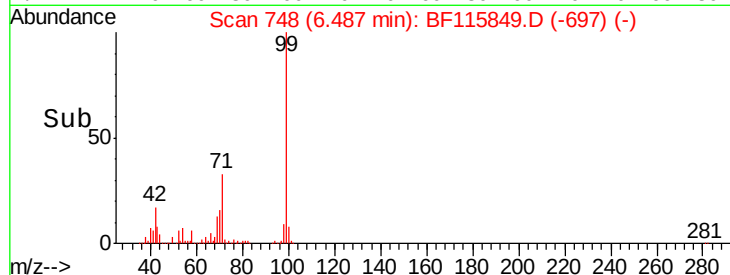
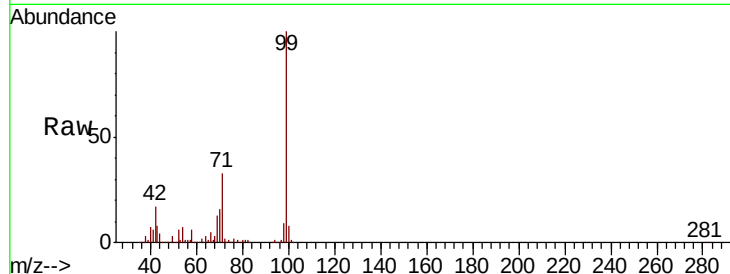
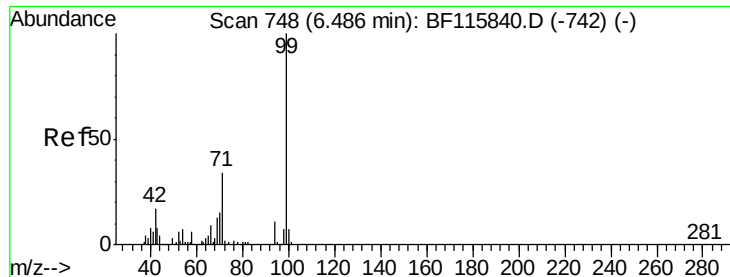
Acq: 30 Jul 2019 18:35

Tgt Ion:	93	Resp:	71341
Ion Ratio	Lower	Upper	
93	100		
66	39.5	31.4	47.0
65	20.3	16.5	24.7



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





#7

Phenol-d6

Concen: 123.926 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tot Ion:	99	Resp:	1194800
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	33.0	27.1	40.7

Instrument :

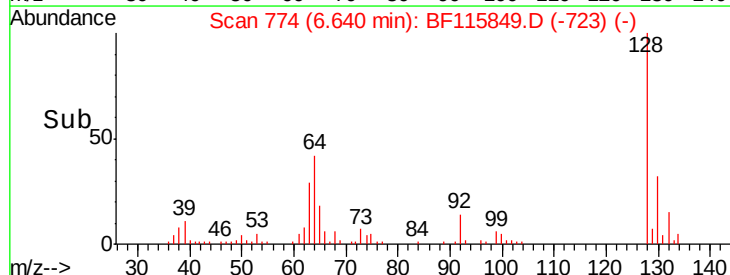
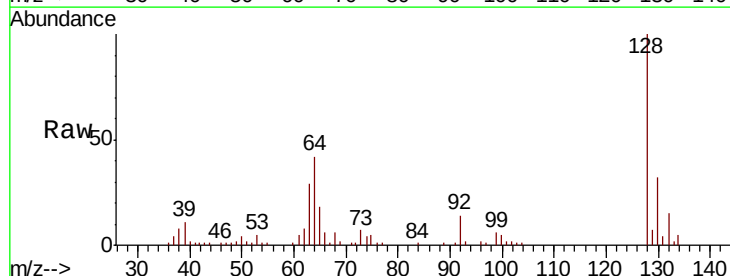
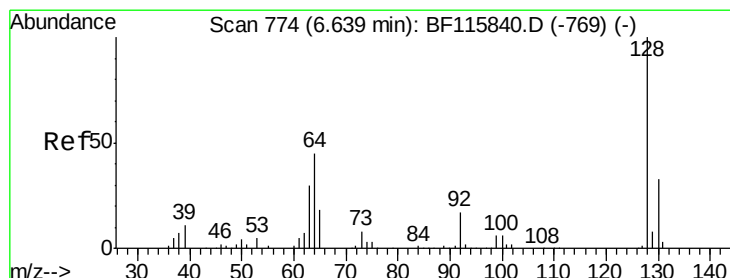
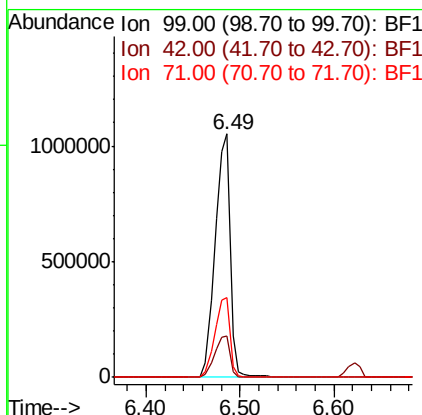
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 5.445 ng

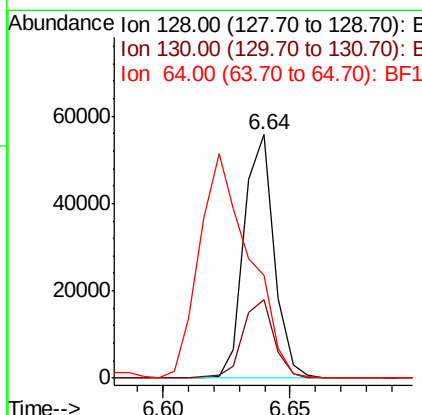
RT: 6.64 min Scan# 774

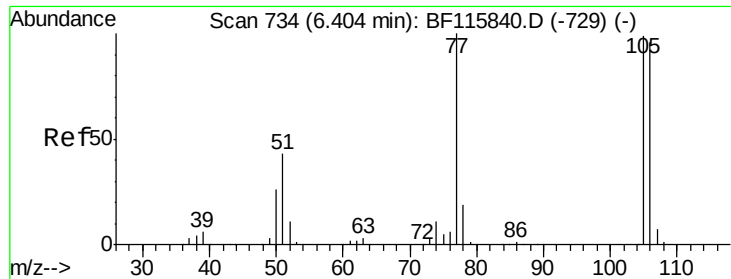
Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	128	Resp:	46007
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	42.5	26.1	66.1





#9

Benzaldehyde

Concen: 5.997 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

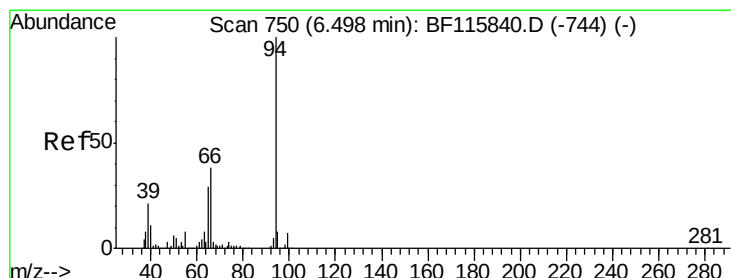
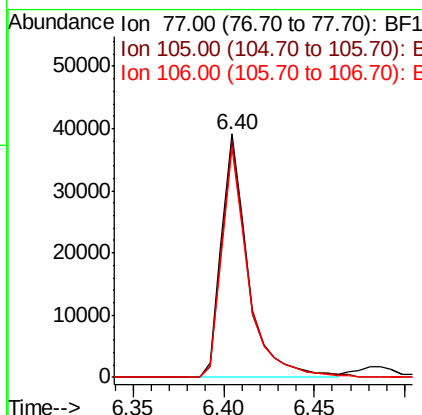
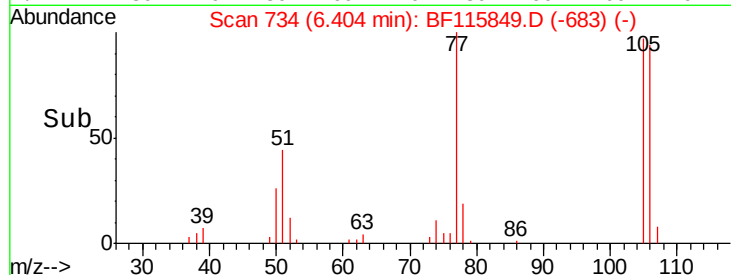
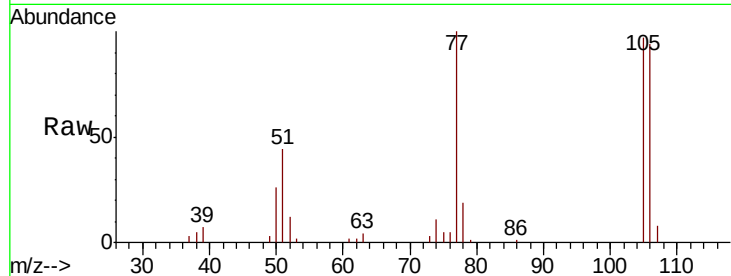
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	77	Resp:	39894
Ion	Ratio	Lower	Upper
77	100		
105	97.4	79.0	119.0
106	94.2	76.2	116.2

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#10

Phenol

Concen: 5.522 ng

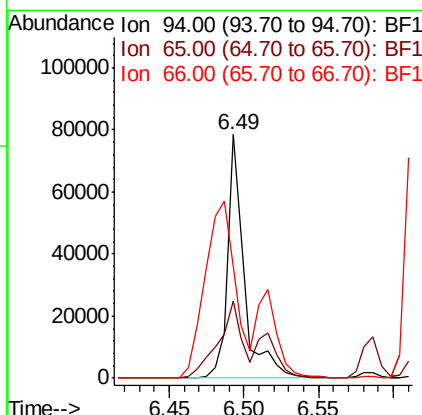
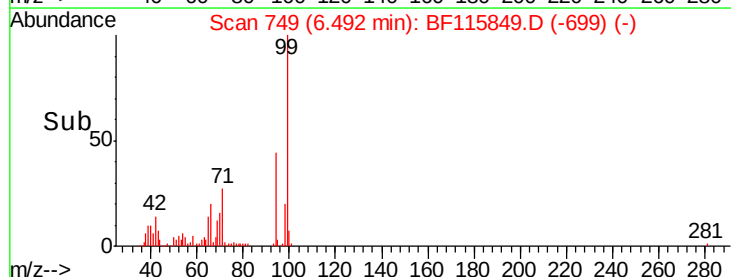
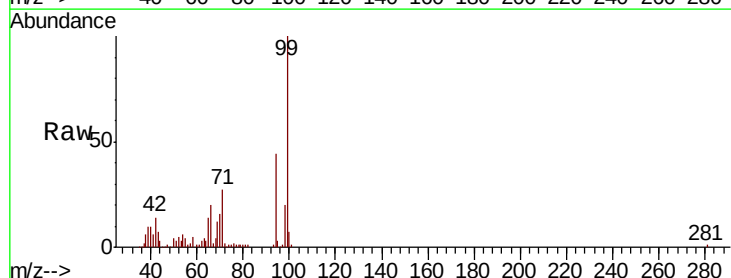
RT: 6.49 min Scan# 749

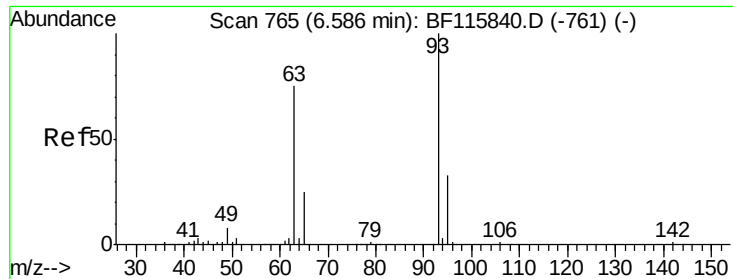
Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	94	Resp:	62690
Ion	Ratio	Lower	Upper
94	100		
65	31.8	8.9	48.9
66	46.1	18.0	58.0





#11

bis(2-Chloroethyl)ether

Concen: 5.161 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

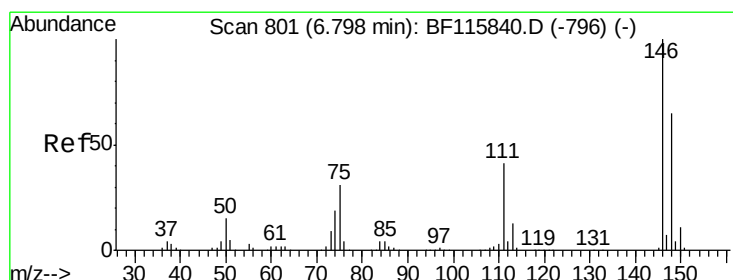
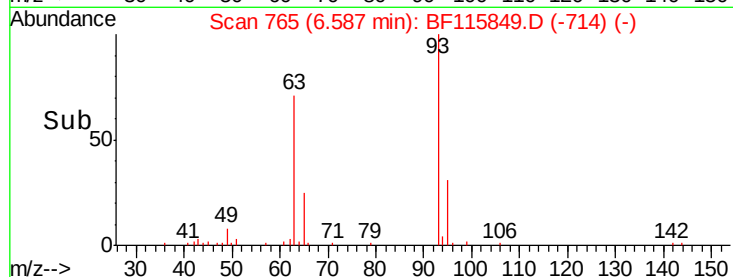
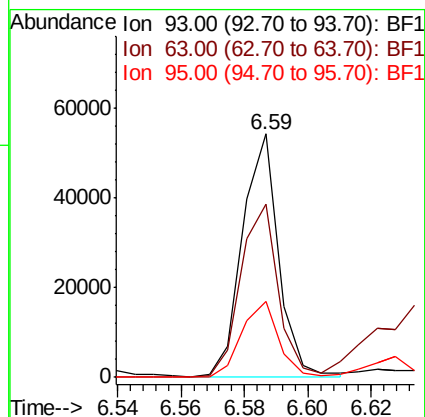
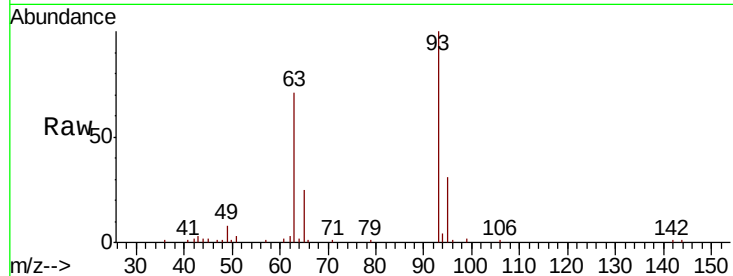
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	93	Resp:	43077
Ion	Ratio	Lower	Upper
93	100		
63	71.0	54.9	94.9
95	31.3	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 5.142 ng

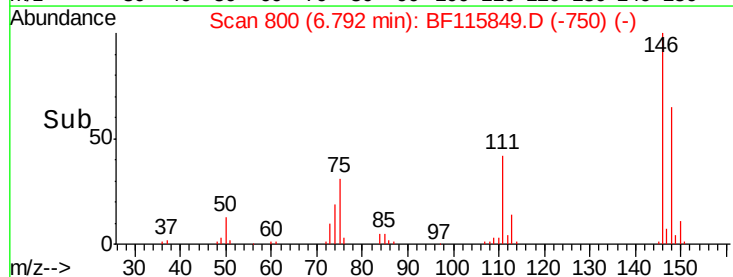
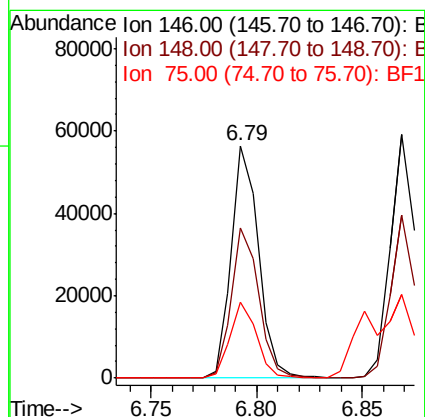
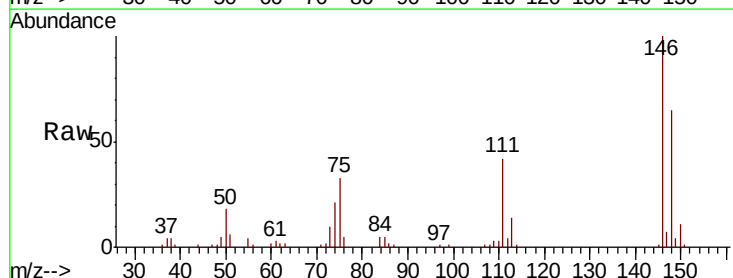
RT: 6.79 min Scan# 800

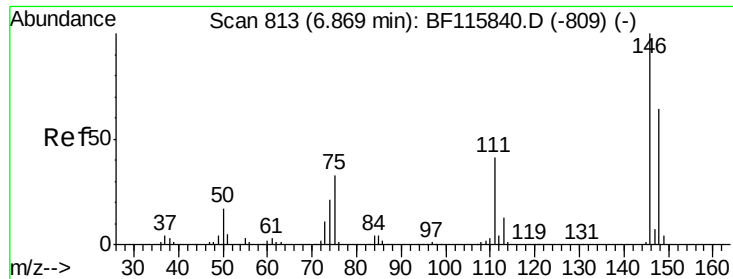
Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	146	Resp:	50217
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	32.5	25.0	37.6





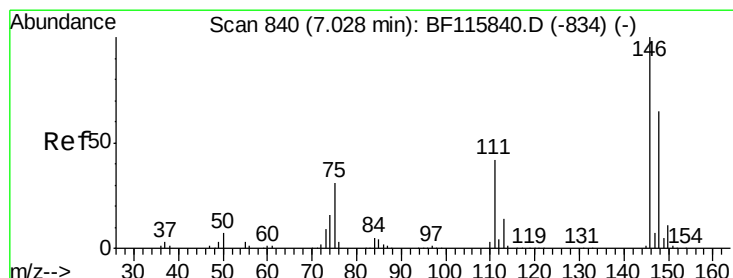
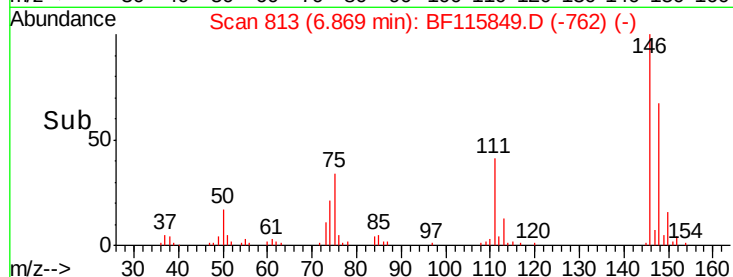
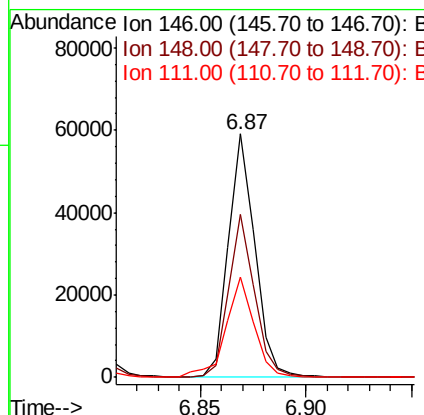
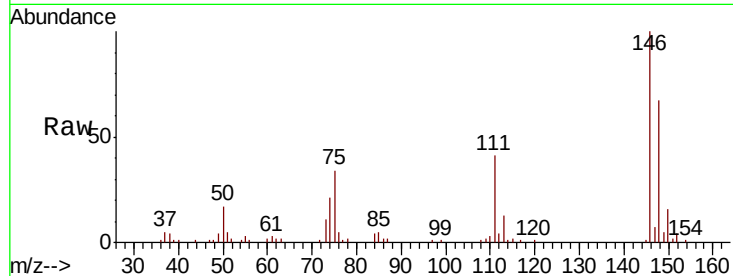
#13
 1,4-Dichlorobenzene
 Concen: 5.235 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.2	76.8
111	41.2	33.2	49.8

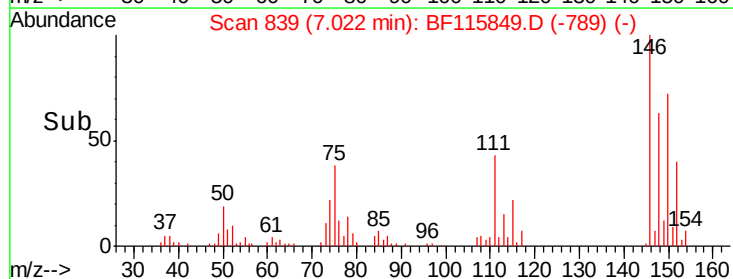
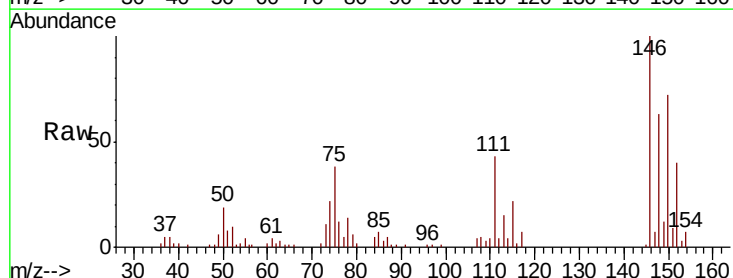
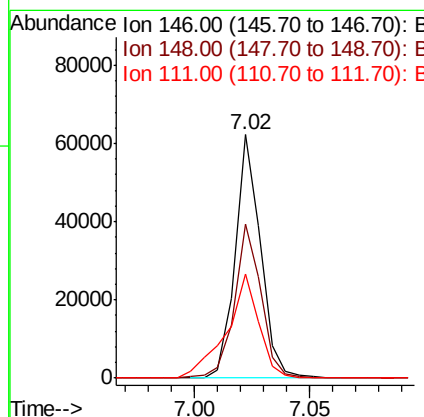
Manual Integrations
 APPROVED

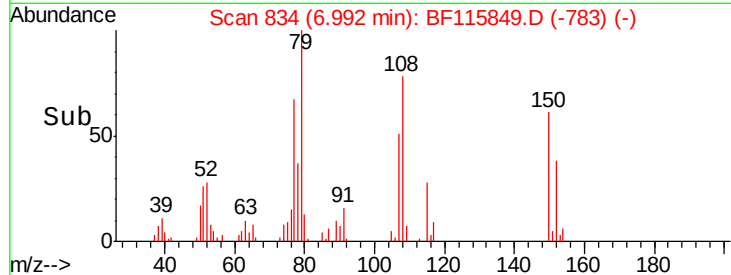
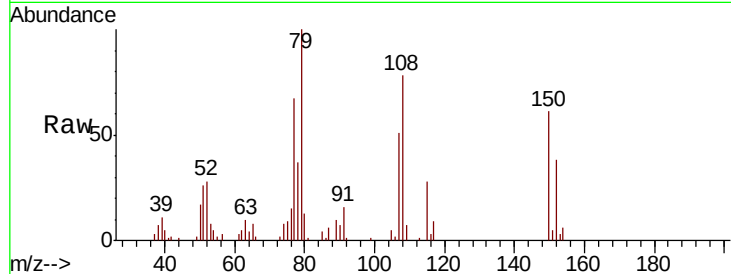
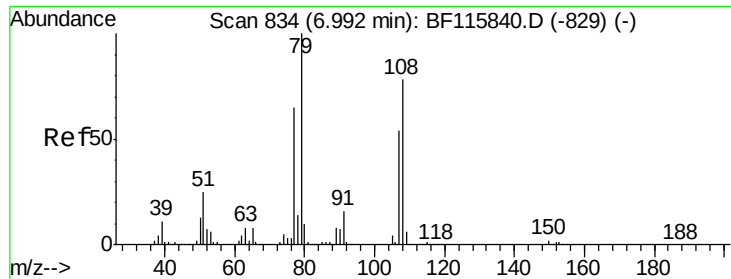
mohammad
 8/1/2019 5:05:56 PM



#14
 1,2-Dichlorobenzene
 Concen: 5.278 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	42.5	33.6	50.4





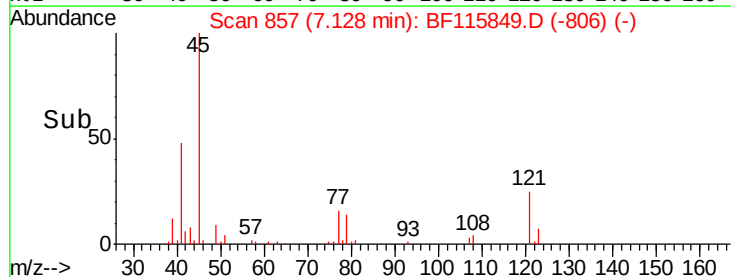
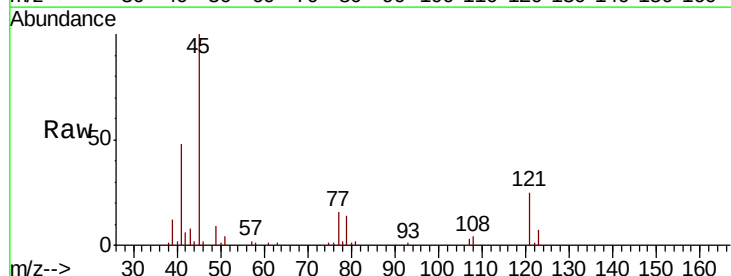
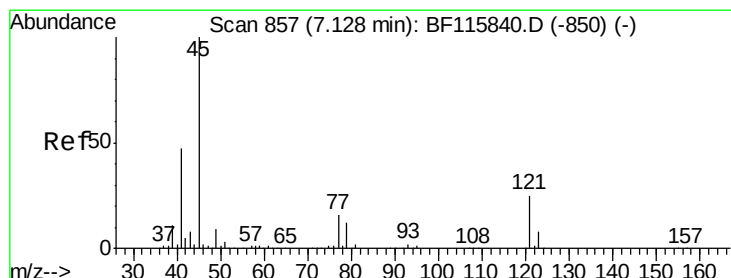
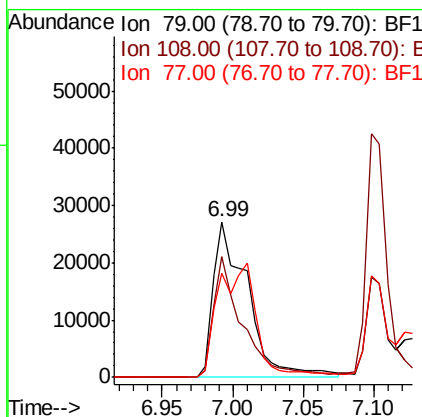
#15
Benzyl Alcohol
Concen: 6.291 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	62.8	94.2
77	67.3	52.0	78.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

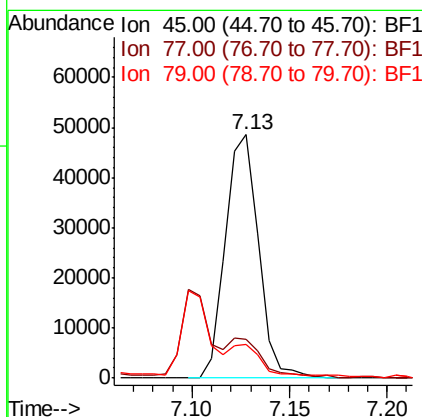
Manual Integrations
APPROVED

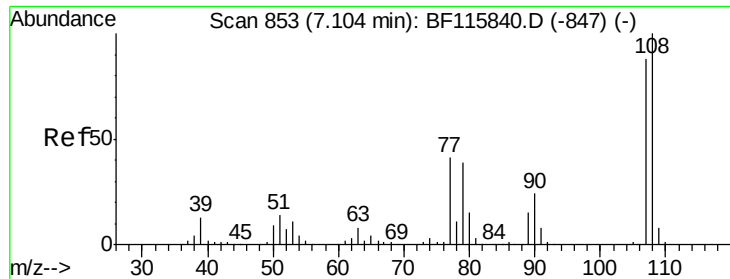
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.025 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	36.3
79	14.1	0.0	32.5





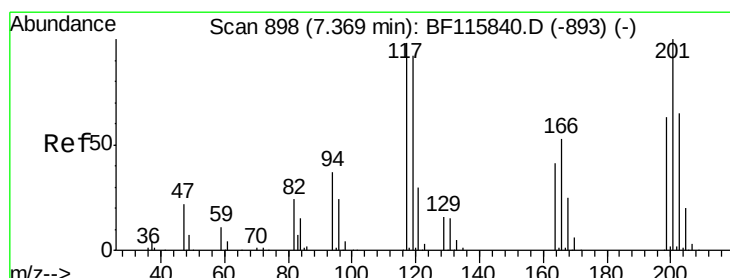
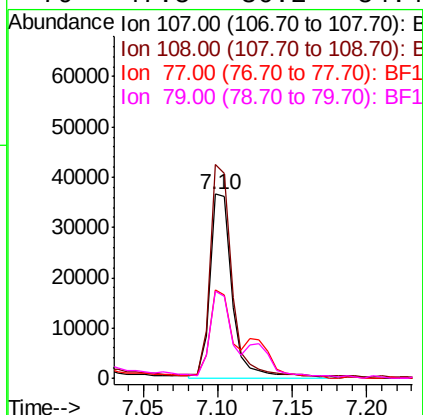
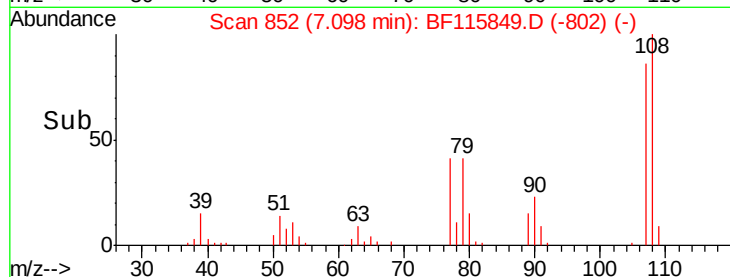
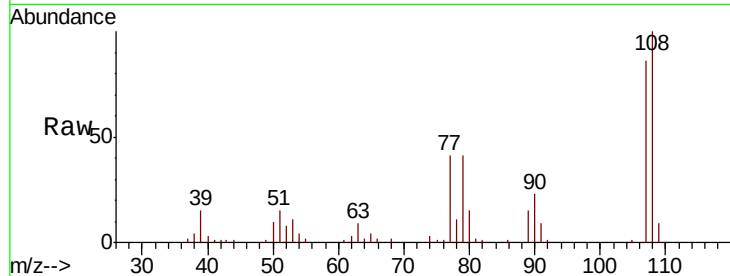
#17
2-Methylphenol
Concen: 5.385 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	91.4	137.0	
77	48.1	37.6	56.4	
79	47.5	36.2	54.4	

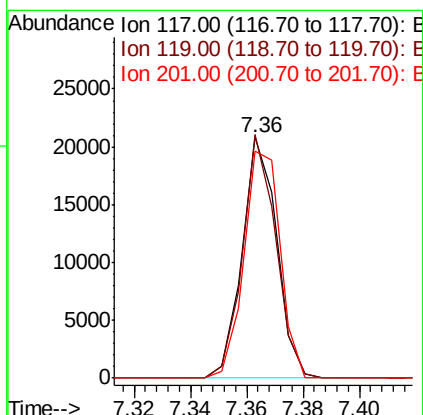
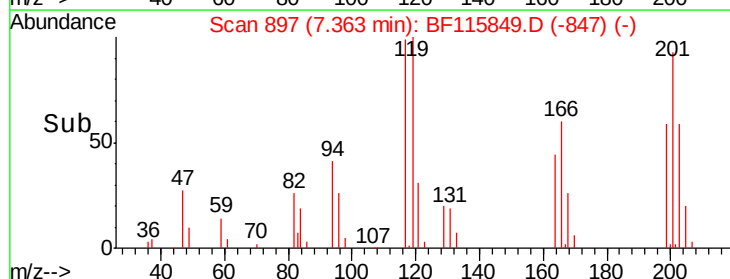
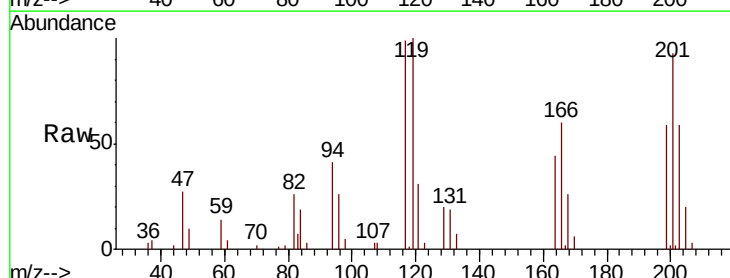
Manual Integrations
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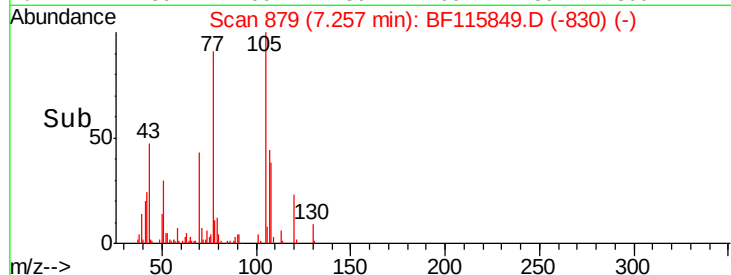
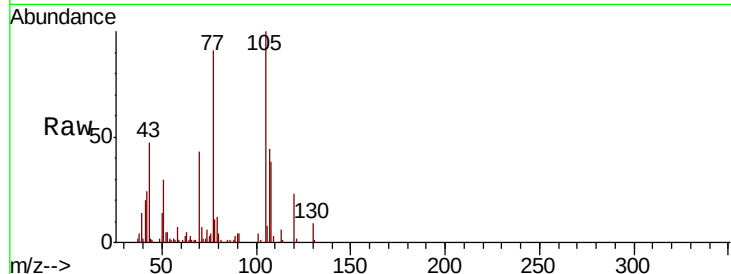
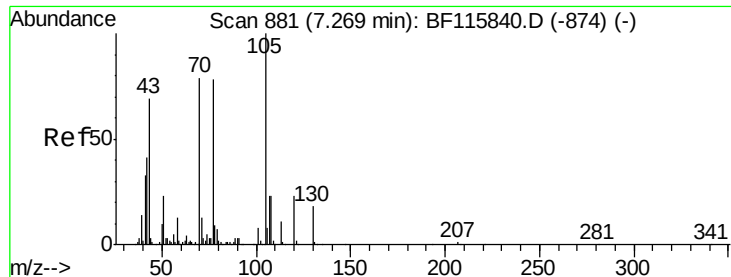
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#18
Hexachloroethane
Concen: 4.899 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.1	75.8	113.6	
201	96.2	82.0	123.0	





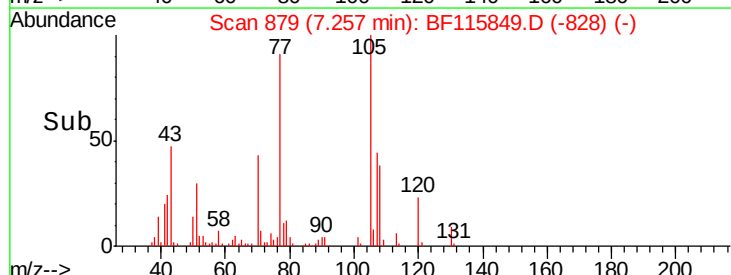
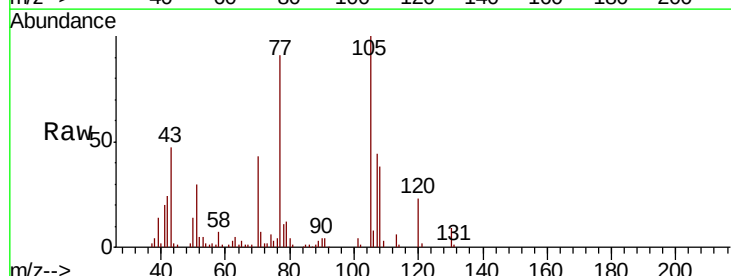
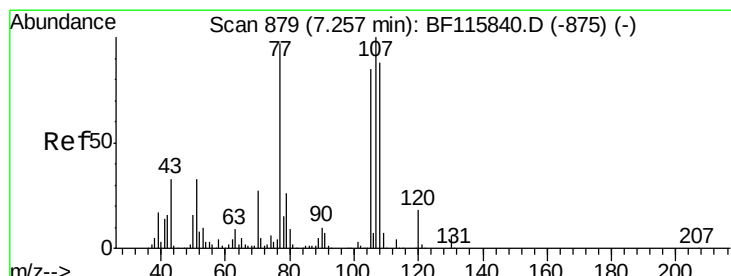
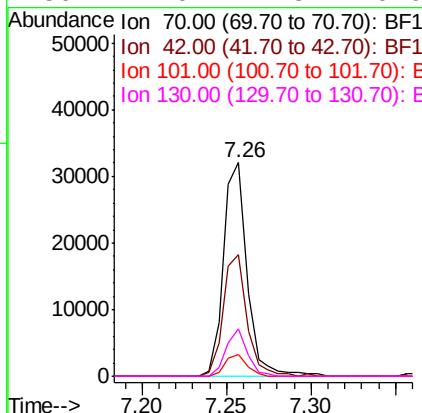
#19
n-Nitroso-di-n-propylamine
Concen: 5.242 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Lower	Upper
31315	70	100		
	42	56.7	41.8	62.8
	101	10.4	7.7	11.5
	130	22.0	17.8	26.6

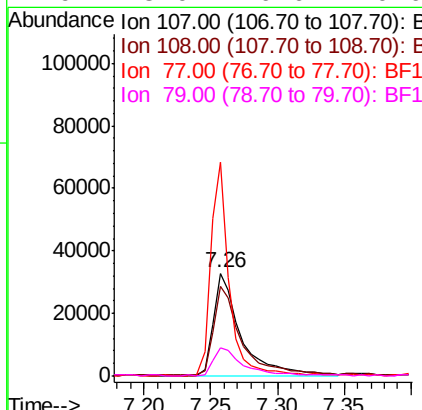
Manual Integrations
APPROVED

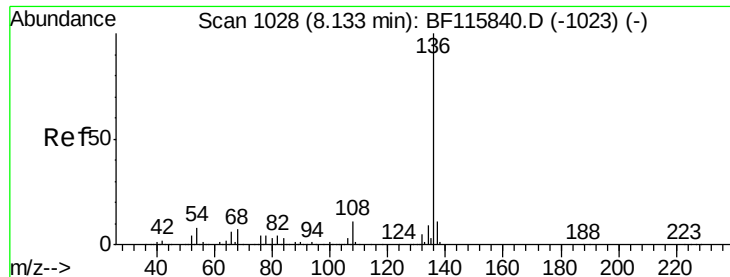
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#20
3+4-Methylphenols
Concen: 5.653 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
47867	107	100		
	108	86.8	67.9	107.9
	77	208.0	77.3	117.3#
	79	28.0	6.6	46.6





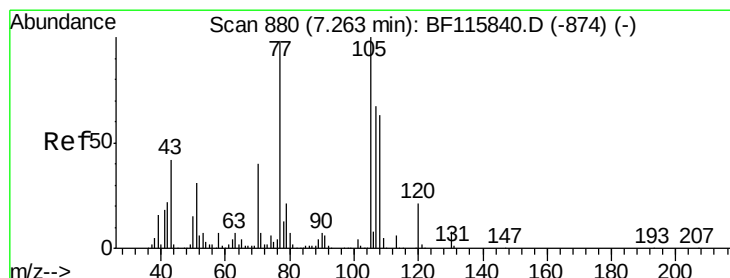
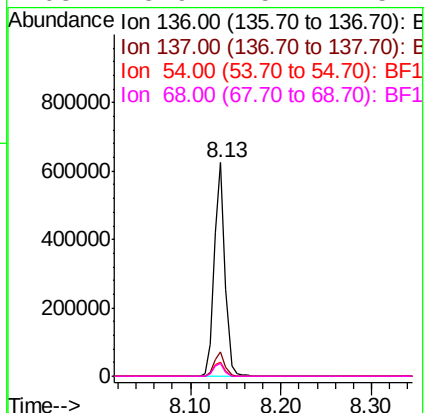
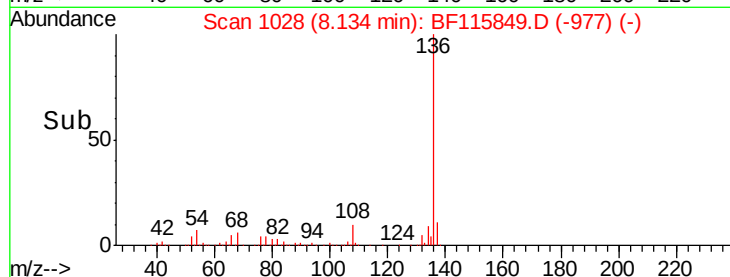
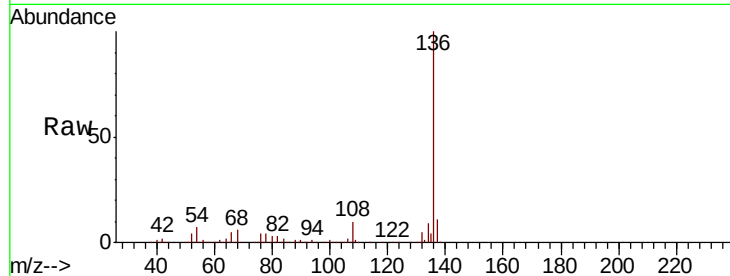
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	514756		
137	11.3		9.1	13.7
54	6.6		6.1	9.1
68	5.9		5.4	8.2

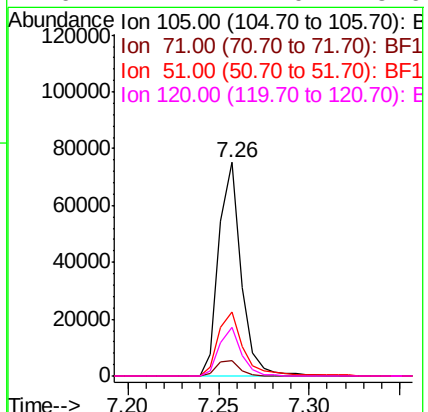
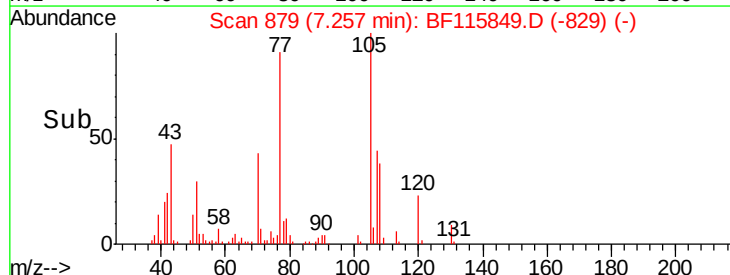
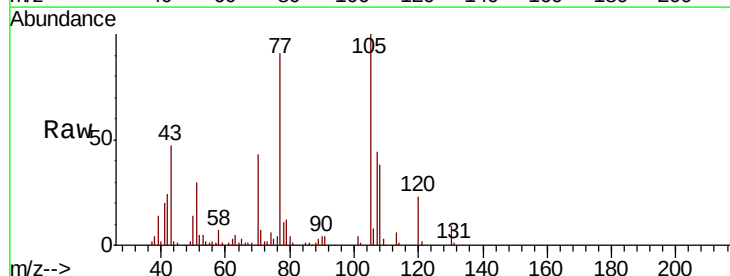
Manual Integrations
APPROVED

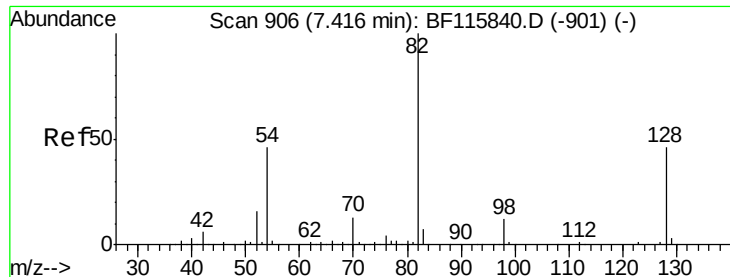
mohammad
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#22
Acetophenone
Concen: 5.723 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64608		
71	7.4		5.4	8.0
51	29.8		24.6	36.8
120	22.7		17.0	25.6





#23

Nitrobenzene-d5

Concen: 83.728 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

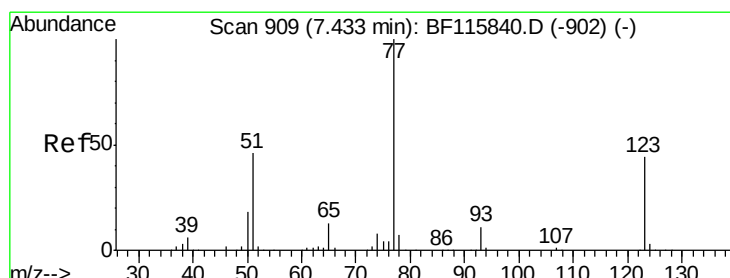
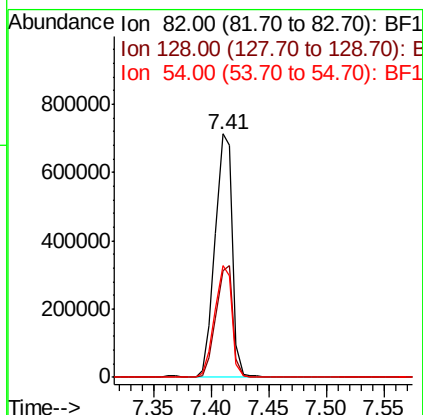
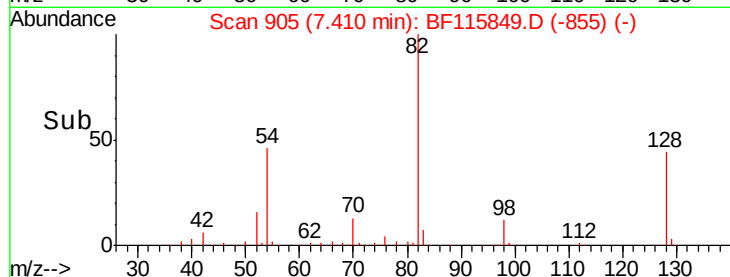
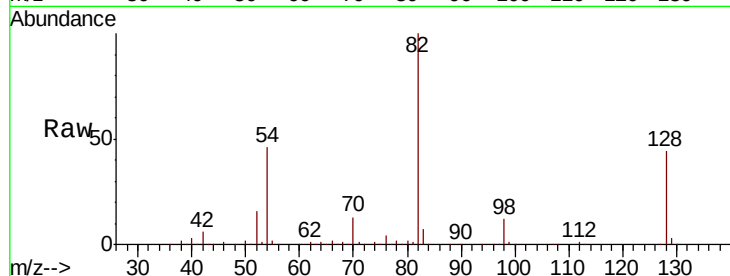
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	82	Resp:	746655
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.6	55.0
54	45.9	36.6	55.0

Manual Integrations
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#24

Nitrobenzene

Concen: 5.522 ng

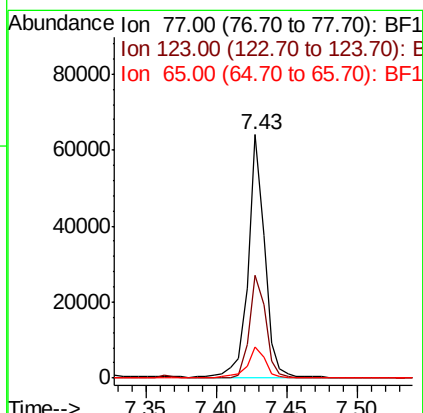
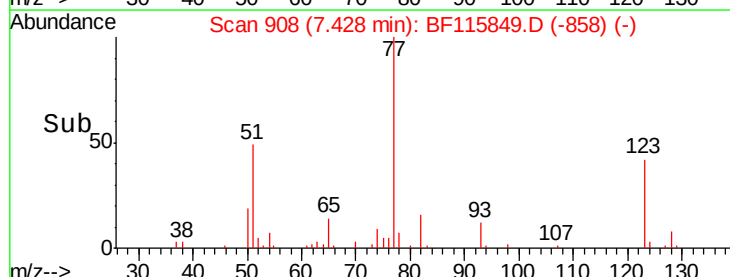
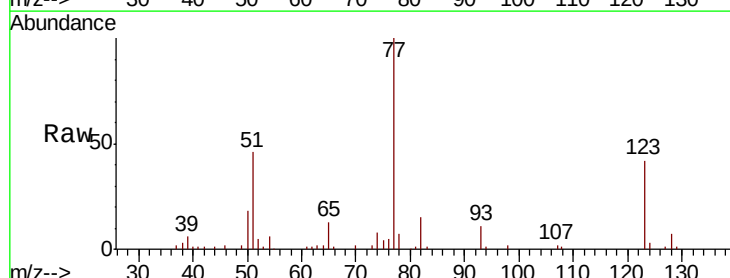
RT: 7.43 min Scan# 908

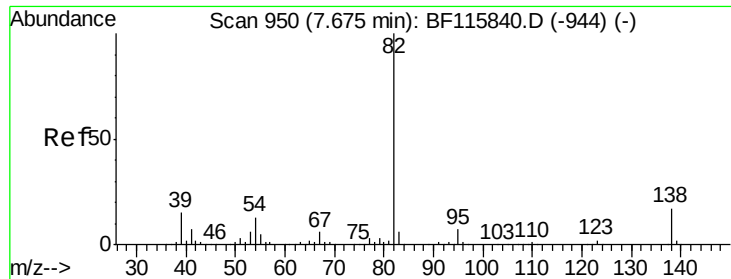
Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	77	Resp:	53176
Ion Ratio	Lower	Upper	
77	100		
123	42.1	35.5	53.3
65	13.0	10.6	15.8





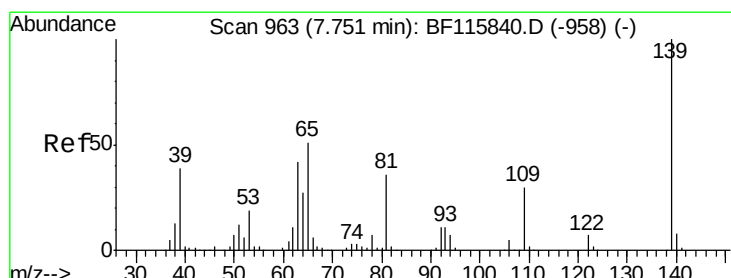
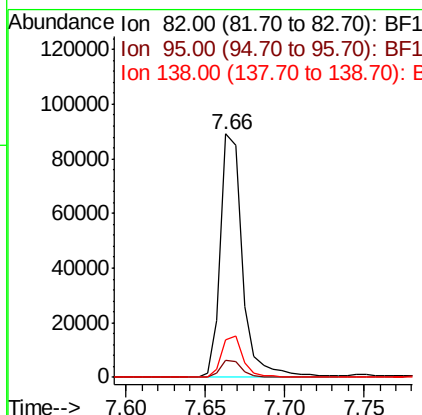
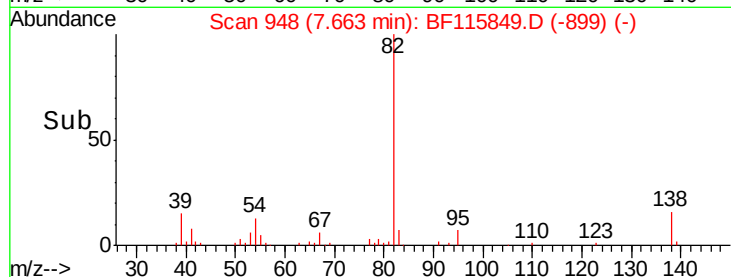
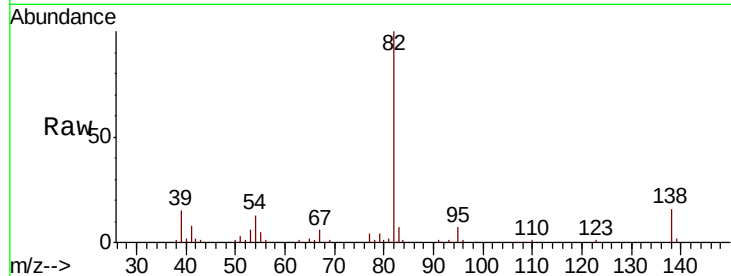
#25
Isophorone
Concen: 5.060 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100	86281		
95	7.0		5.5	8.3
138	15.5		13.9	20.9

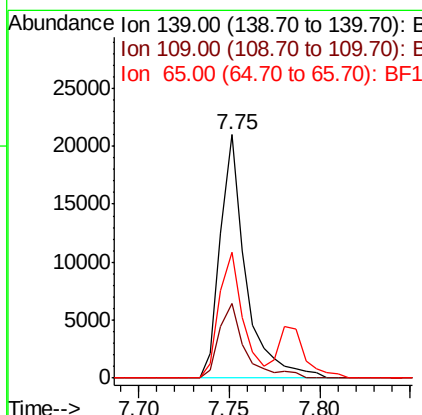
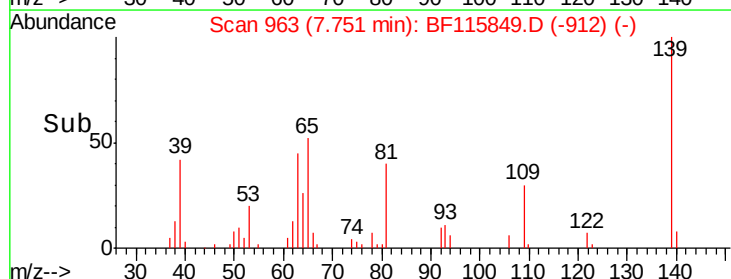
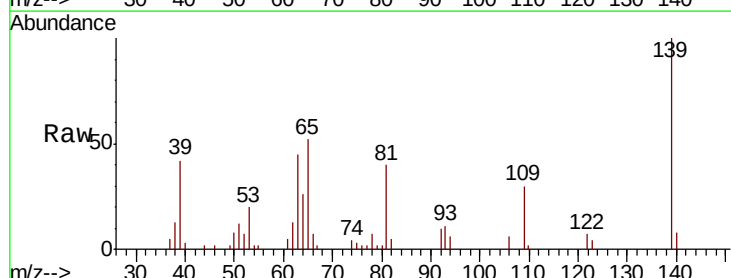
Manual Integrations
APPROVED

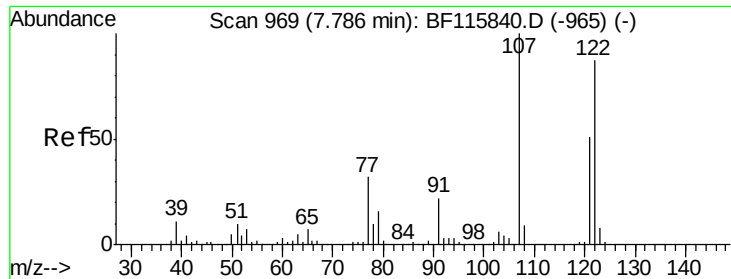
mohammad
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#26
2-Nitrophenol
Concen: 4.548 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	20643		
109	30.4		23.6	35.4
65	51.8		40.6	60.8





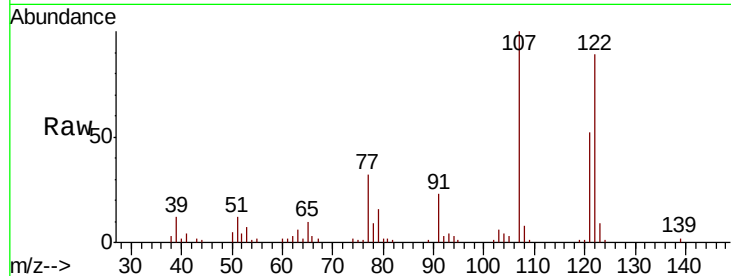
#27
2,4-Dimethylphenol
Concen: 5.493 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		37513		
107	112.1	91.7	137.5		
121	58.6	46.6	70.0		

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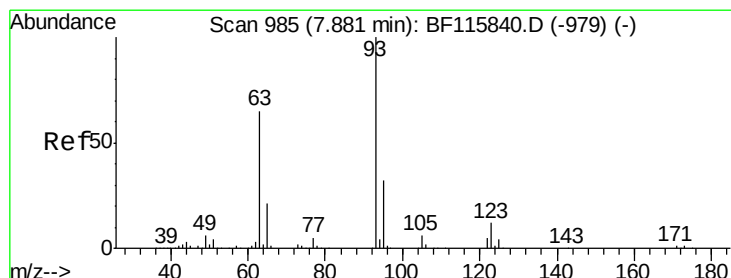
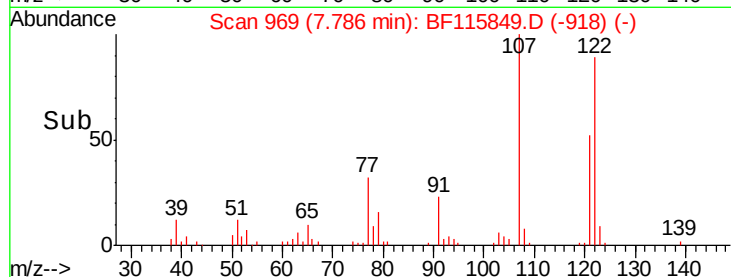
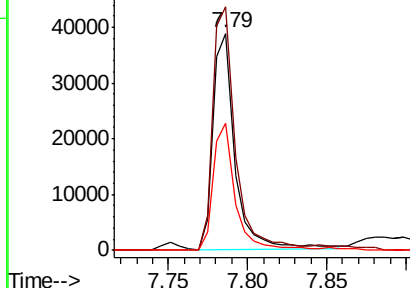


Abundance

Ion 122.00 (121.70 to 122.70): E

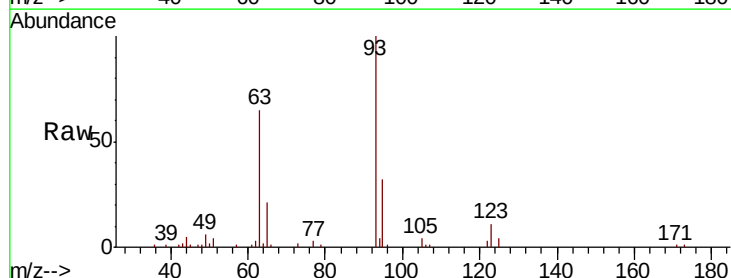
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 5.019 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		53050		
95	31.8	26.0	39.0		
123	10.9	9.5	14.3		

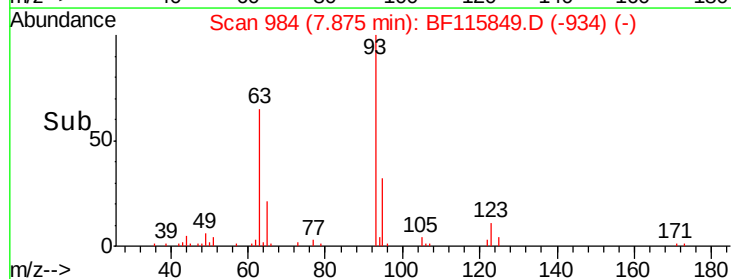
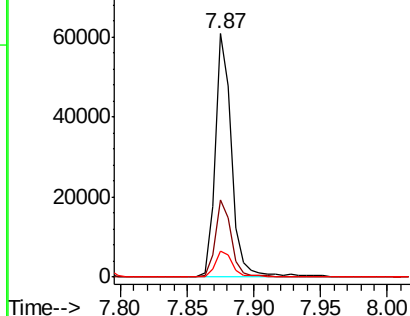


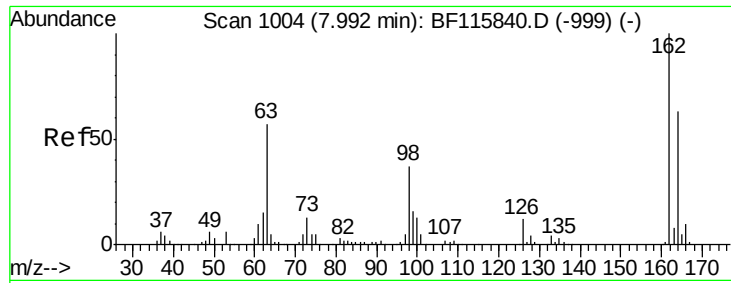
Abundance

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





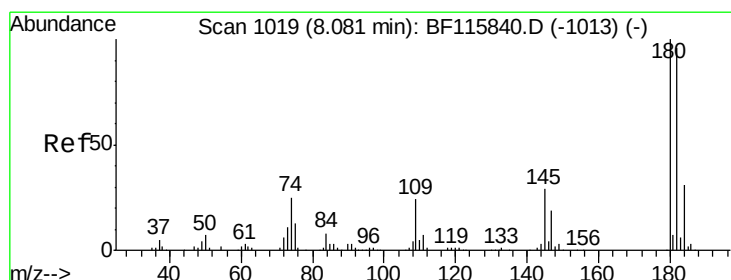
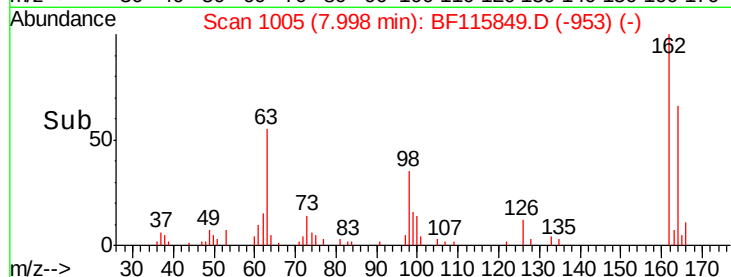
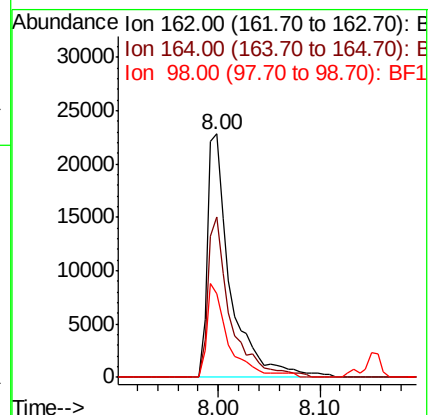
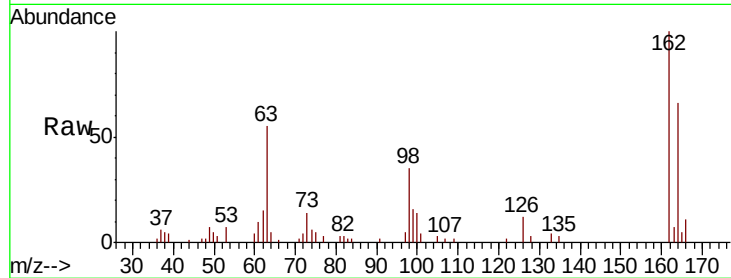
#29
2,4-Dichlorophenol
Concen: 4.972 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.9	43.2	83.2	
98	34.6	17.3	57.3	

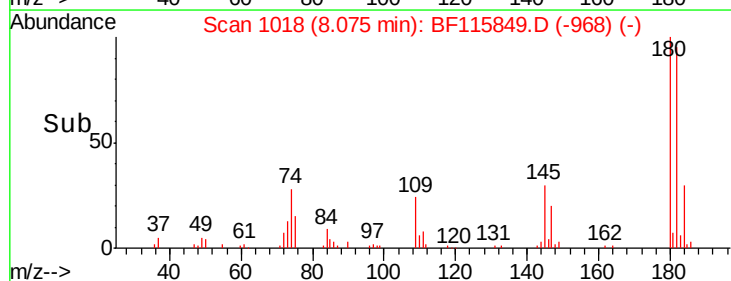
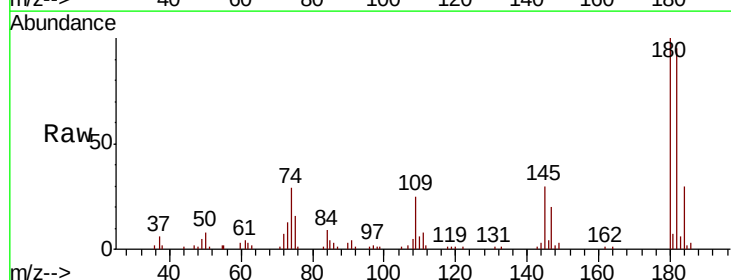
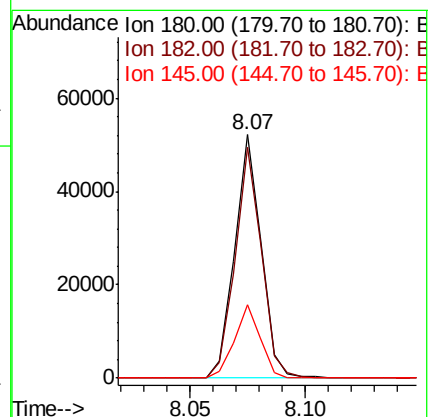
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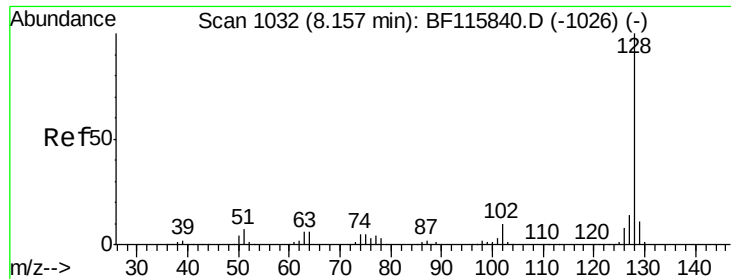
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#30
1,2,4-Trichlorobenzene
Concen: 5.065 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	76.6	114.8	
145	30.0	23.2	34.8	





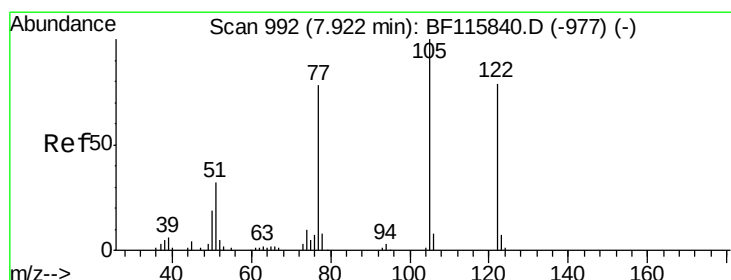
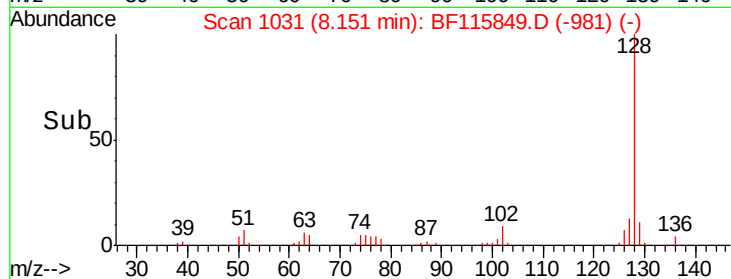
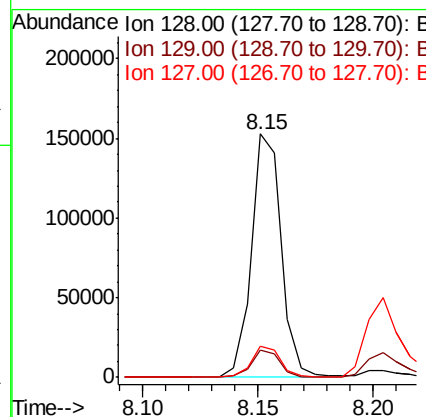
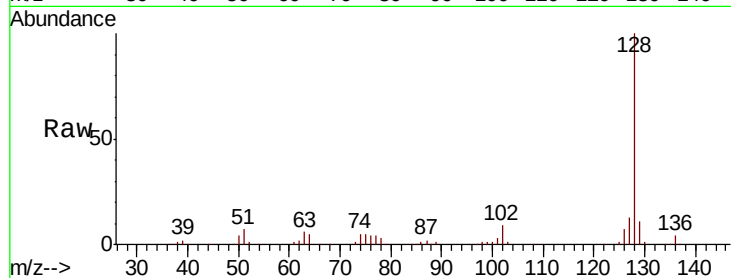
#31
Naphthalene
Concen: 5.706 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.0	11.0	16.4

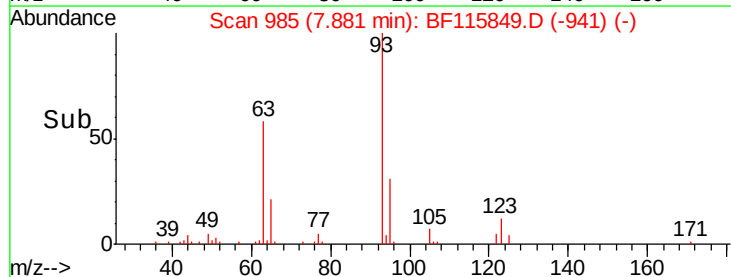
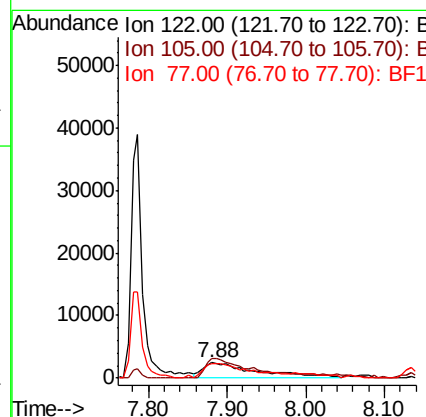
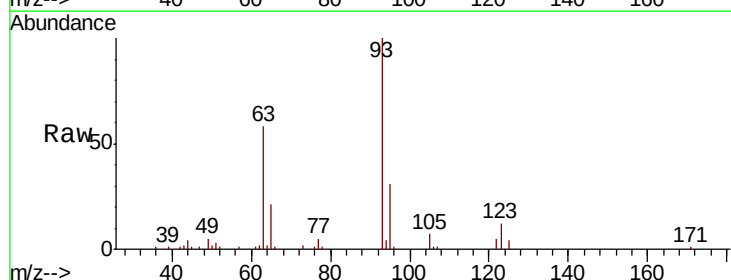
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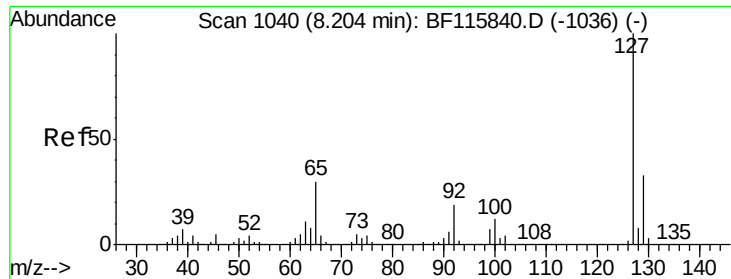
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#32
Benzoic acid
Concen: 2.504 ng m
RT: 7.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	103.1	143.1
77	91.4	76.8	116.8





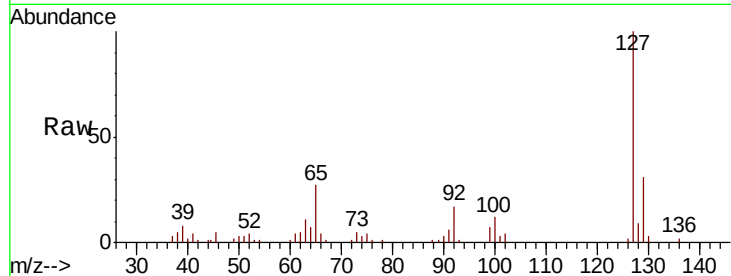
#33
4-Chloroaniline
Concen: 5.138 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

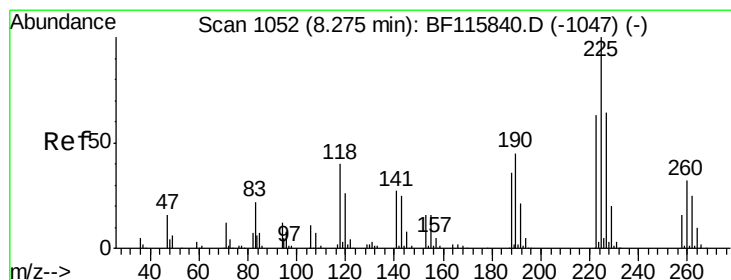
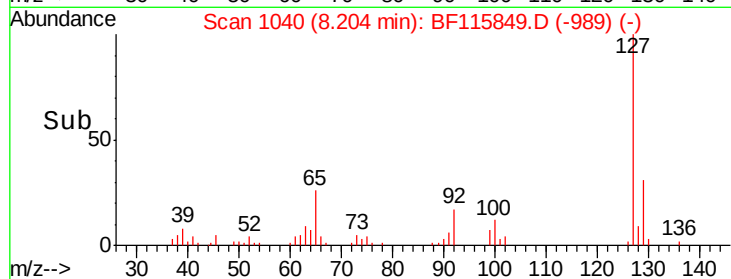
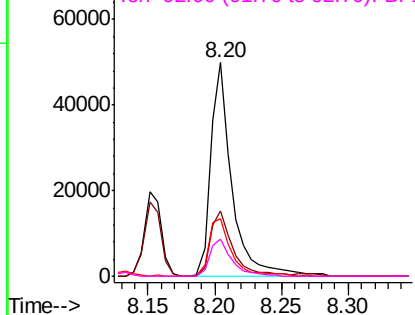
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.0	39.0
65	27.0	23.9	35.9
92	17.4	14.9	22.3

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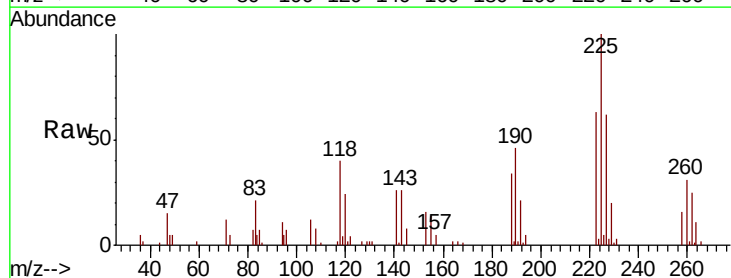


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

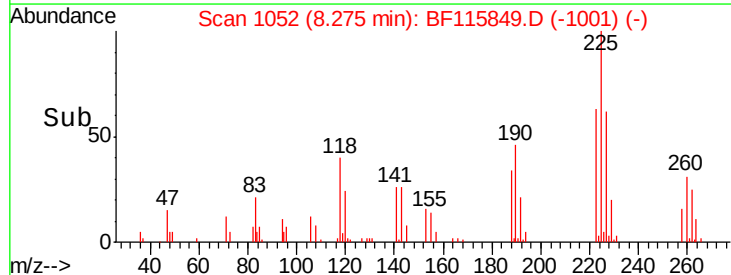
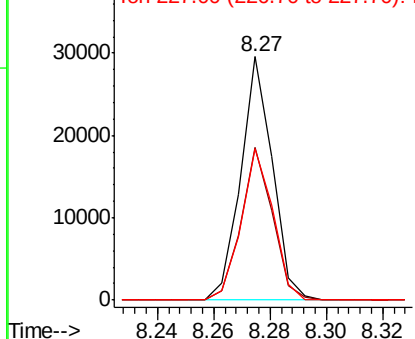


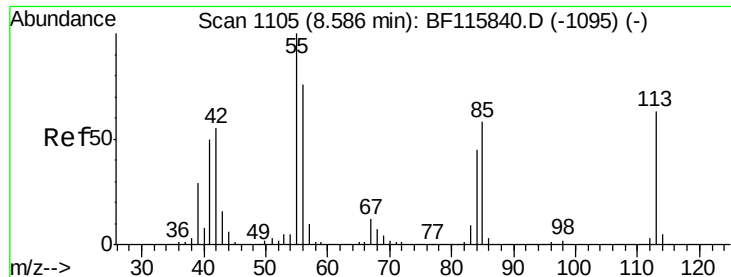
#34
Hexachlorobutadiene
Concen: 4.852 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	64.8	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





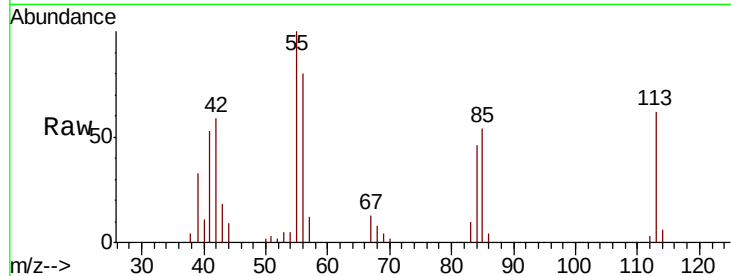
#35
Caprolactam
Concen: 4.687 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.05 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
113	100		
55	160.6	138.1	178.1
56	128.0	100.6	140.6

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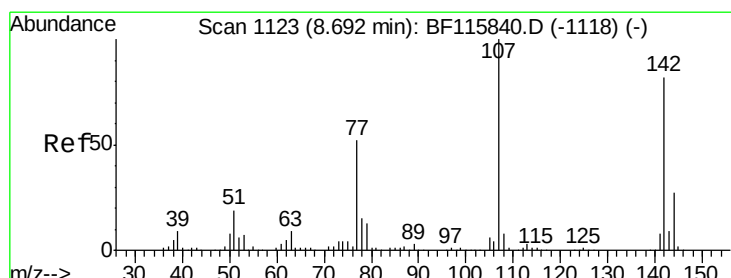
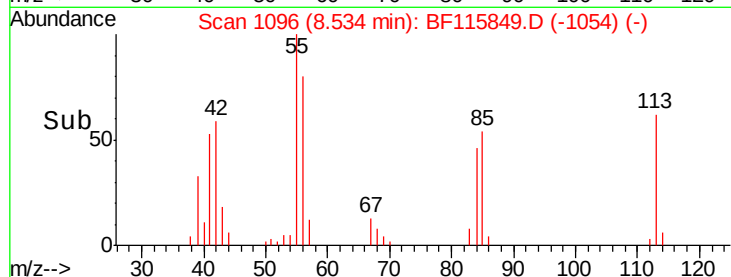
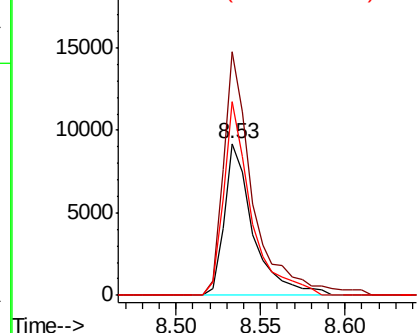


Abundance

Ion 113.00 (112.70 to 113.70): E

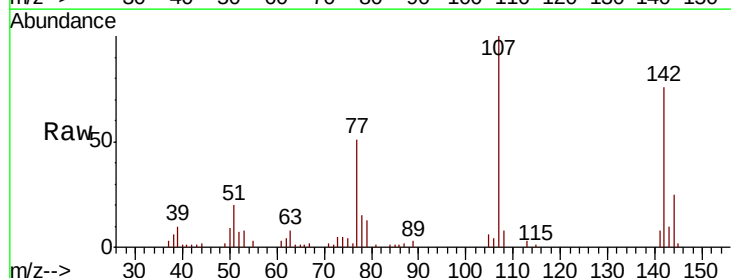
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 5.120 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.4	32.0
142	76.0	65.5	98.3

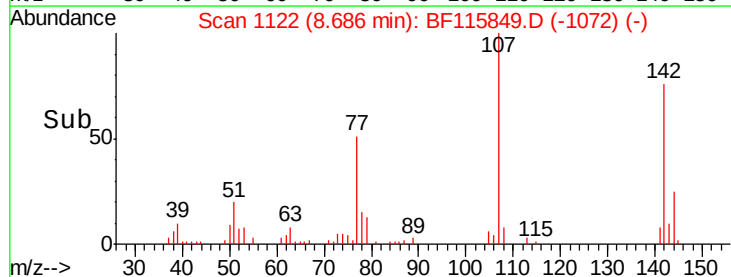
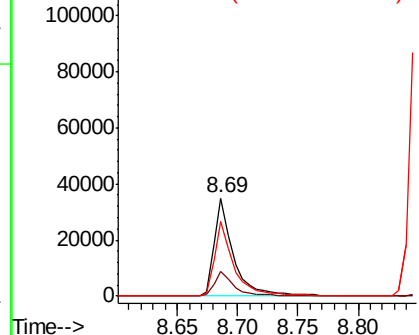


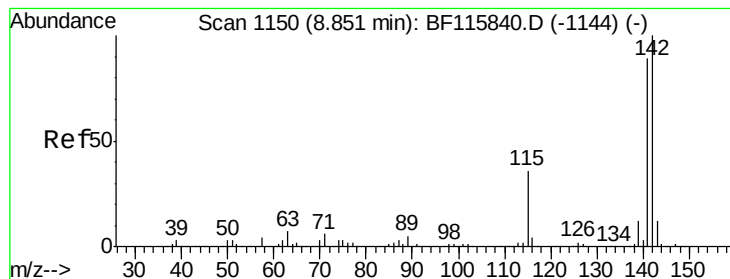
Abundance

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: 5.725 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

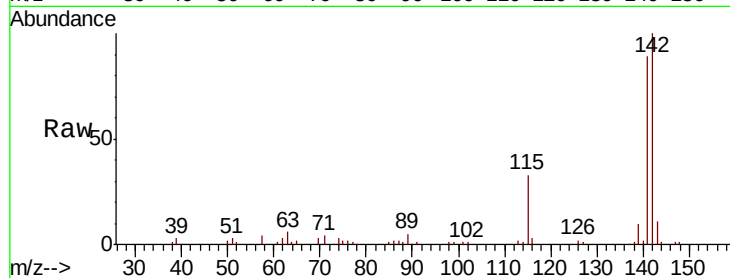
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

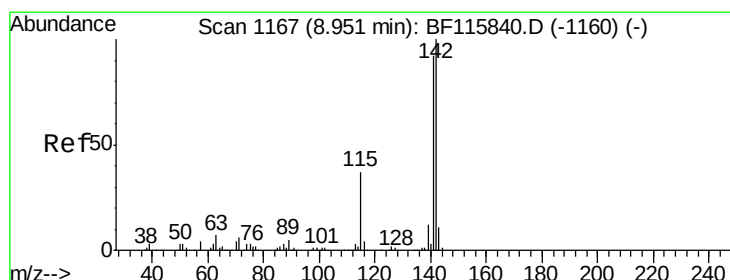
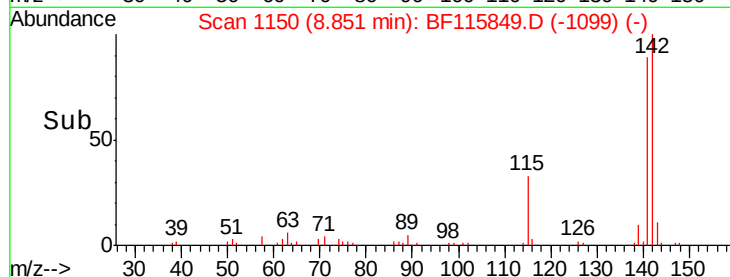
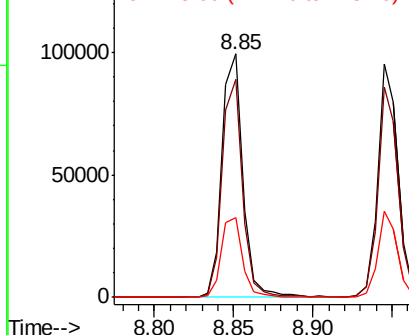
Tot Ion:	142	Resp:	91339
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.4	107.2
115	32.9	28.9	43.3

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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: 5.687 ng

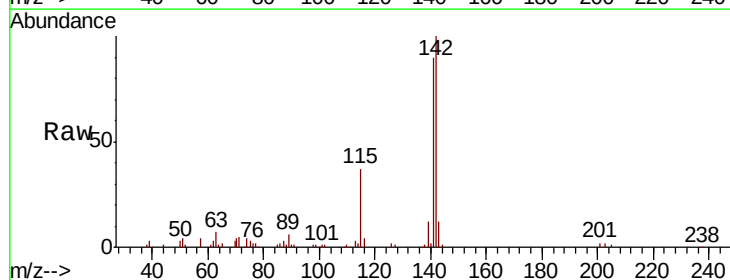
RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

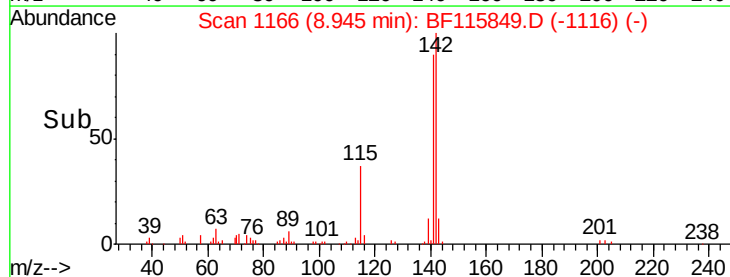
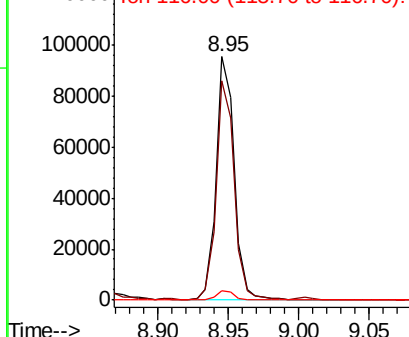
Lab File: BF115849.D

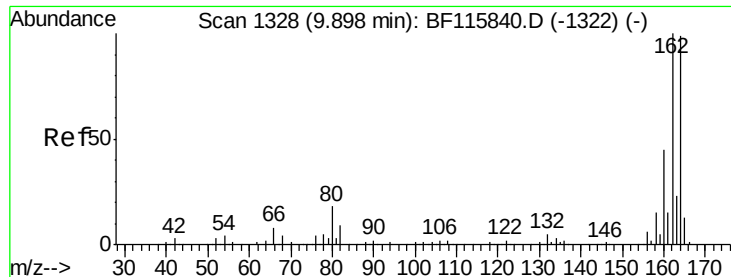
Acq: 30 Jul 2019 18:35

Tgt Ion:	142	Resp:	85824
Ion Ratio	Lower	Upper	
142	100		
141	90.1	73.8	110.6
116	3.8	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





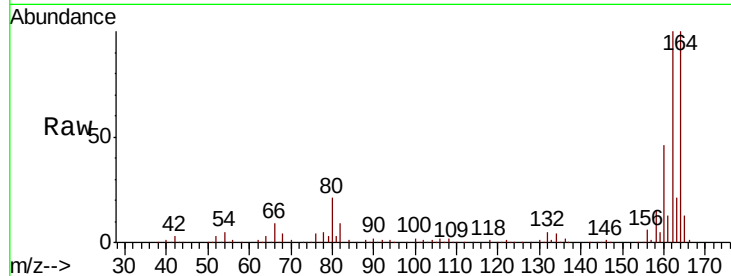
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	80.8	121.2	
160	45.8	36.2	54.4	

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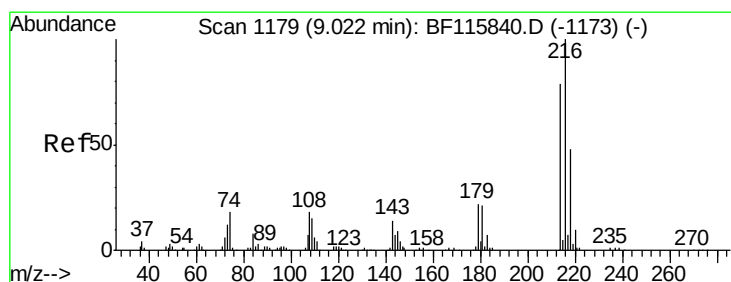
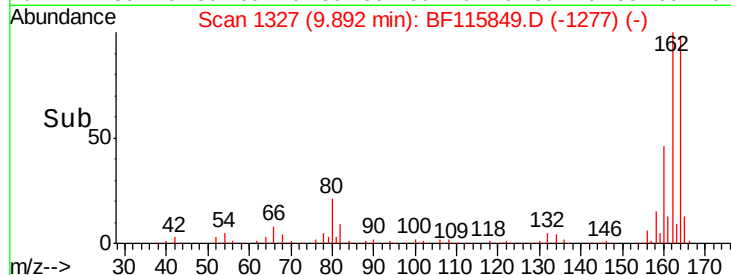
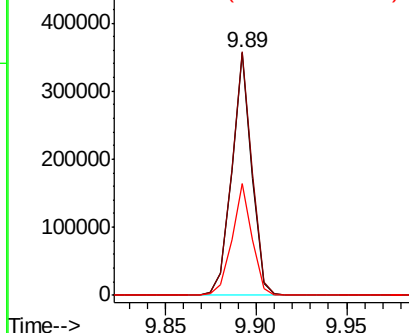


Abundance

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: 5.452 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	62.8	94.2	
179	21.4	17.6	26.4	
108	19.6	16.1	24.1	

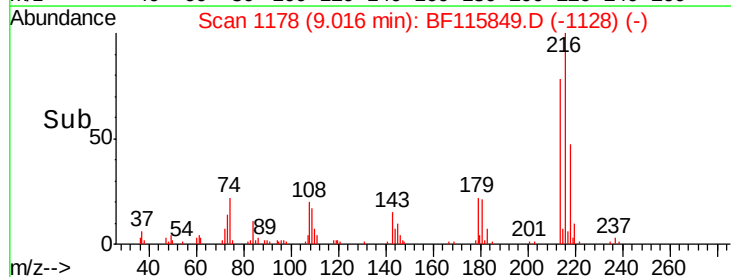
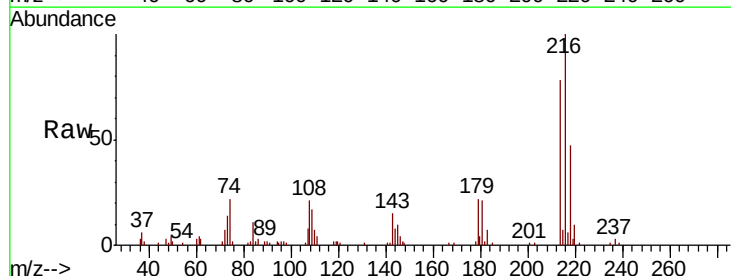
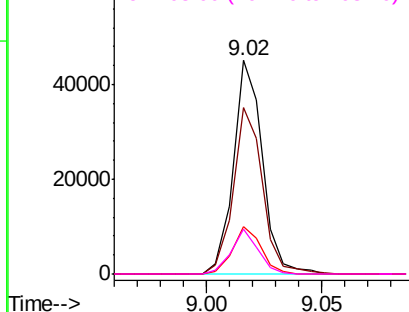
Abundance

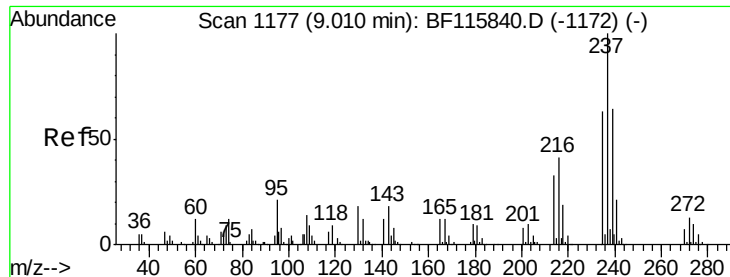
Ion 216.00 (215.70 to 216.70): E

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





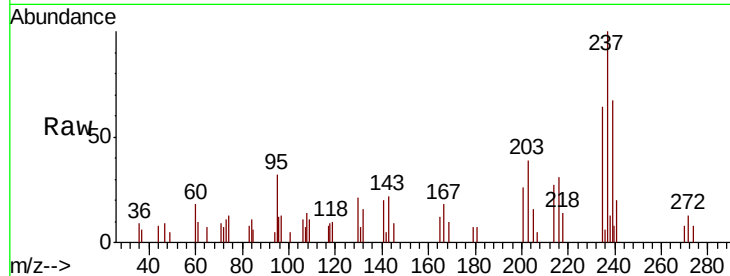
#41
Hexachlorocyclopentadiene
Concen: 1.906 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

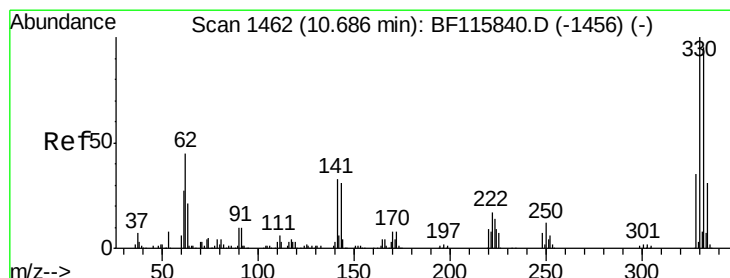
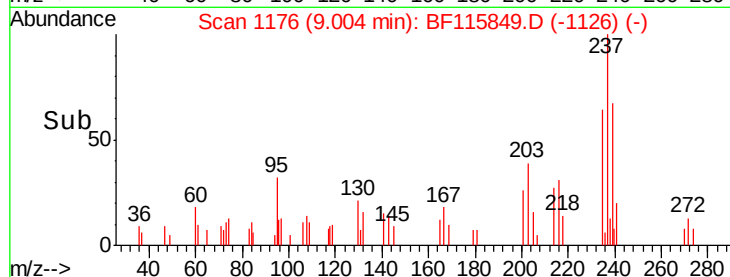
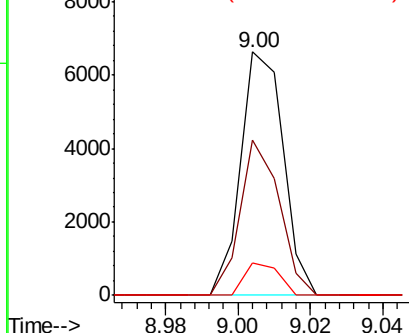
Tot Ion:	237	Resp:	5411
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.5	82.5
272	13.1	0.0	33.3

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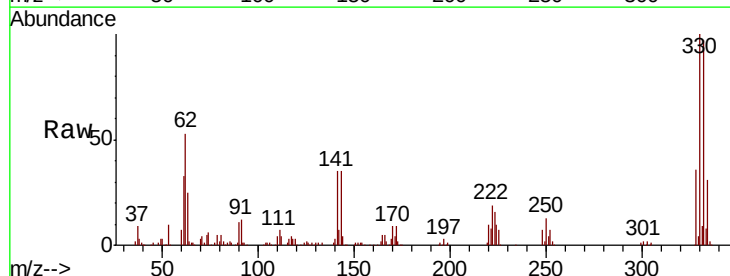


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

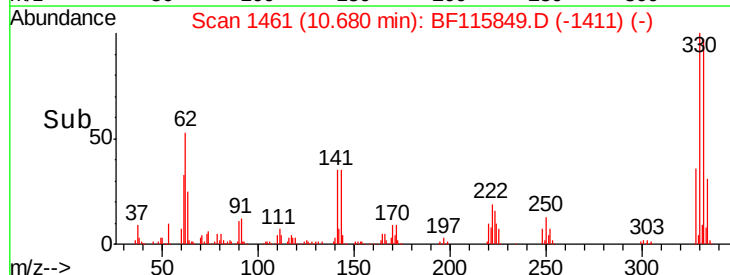
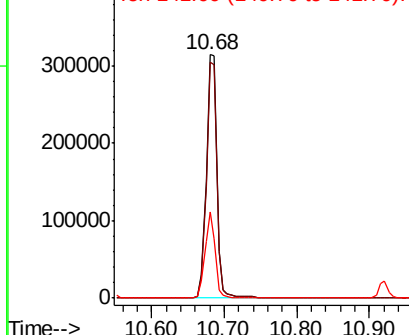


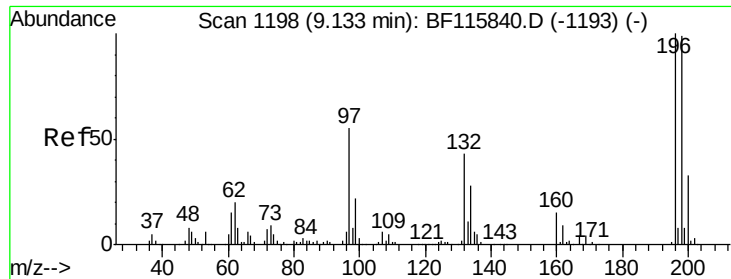
#42
2,4,6-Tribromophenol
Concen: 122.756 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:	330	Resp:	323265
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.7	116.5
141	33.5	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





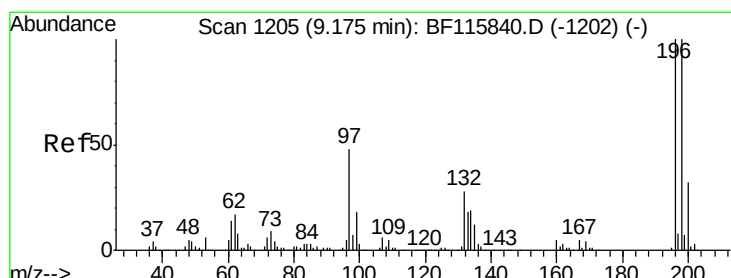
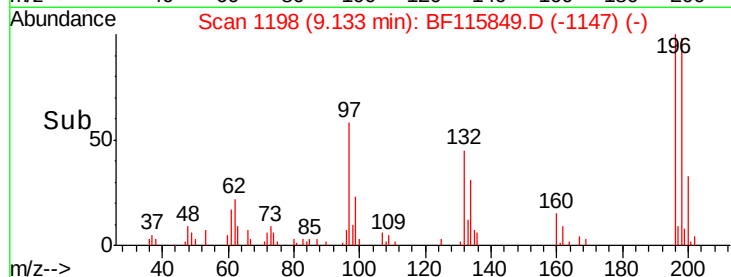
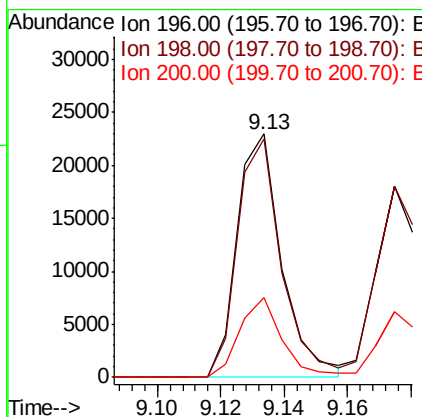
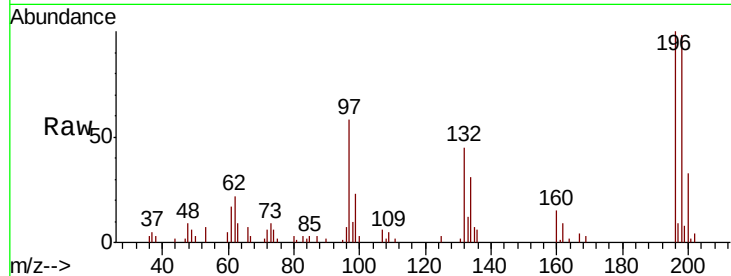
#43
 2,4,6-Trichlorophenol
 Concen: 4.467 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	22325		
198	98.0	79.1	118.7	
200	32.5	26.0	39.0	

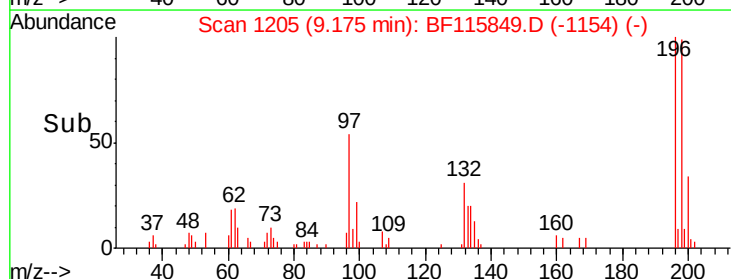
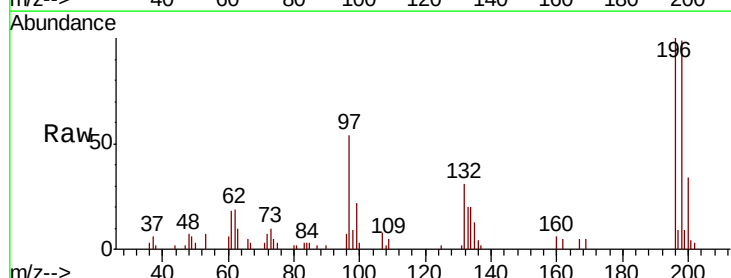
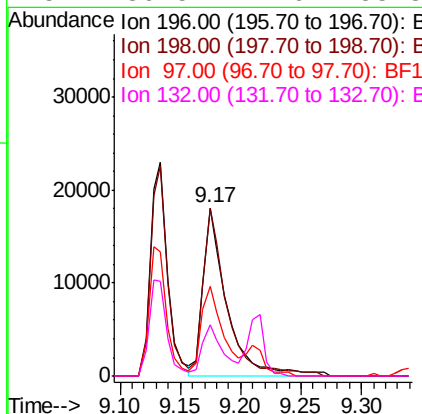
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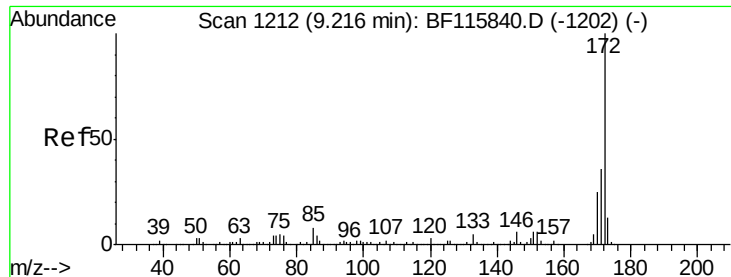
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#44
 2,4,5-Trichlorophenol
 Concen: 4.788 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	24738		
198	99.4	80.1	120.1	
97	53.6	38.9	58.3	
132	30.5	22.6	33.8	





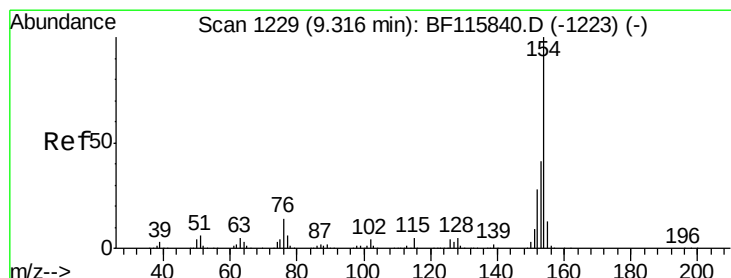
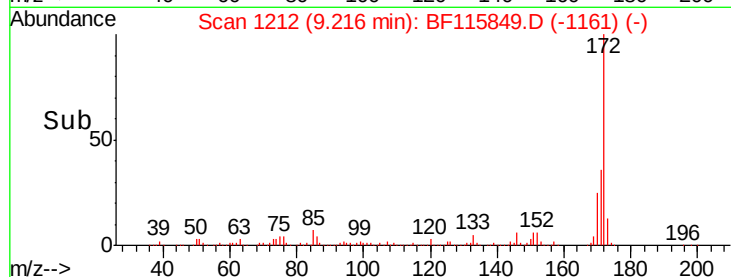
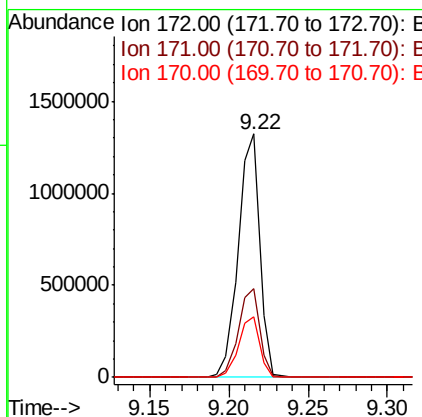
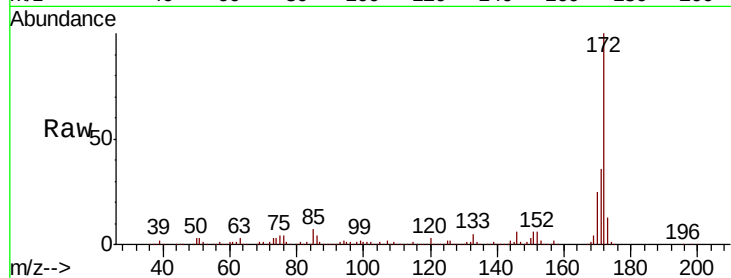
#45
2-Fluorobiphenyl
Concen: 85.786 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.0	20.1	30.1

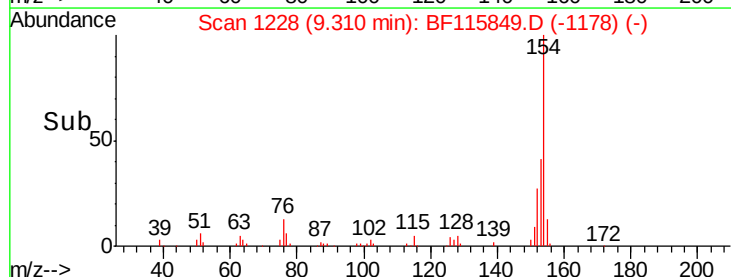
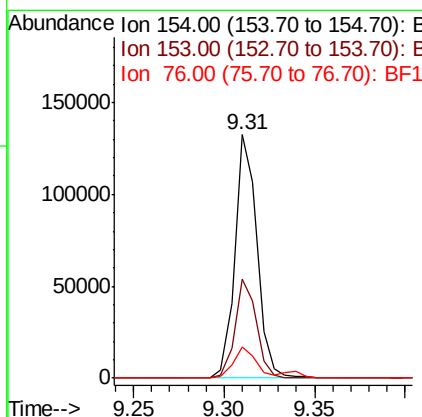
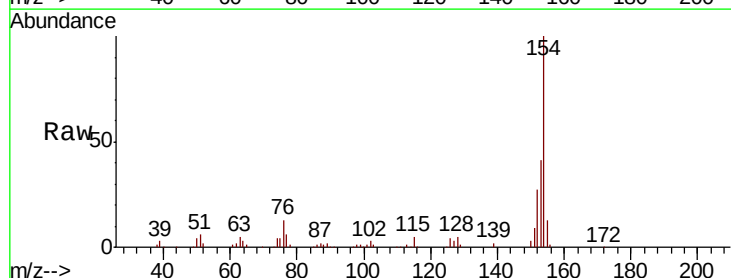
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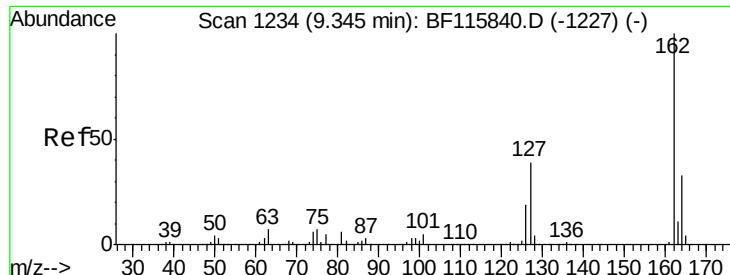
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#46
1,1'-Biphenyl
Concen: 5.863 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	13.0	0.0	34.3





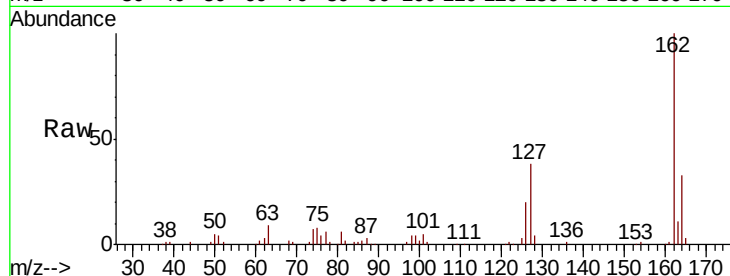
#47
2-Chloronaphthalene
Concen: 5.272 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

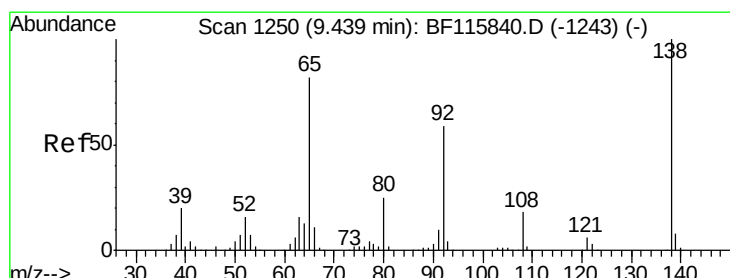
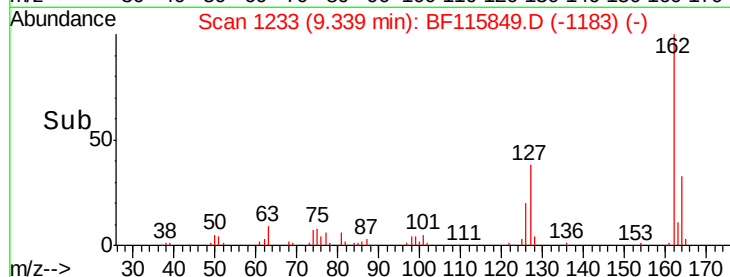
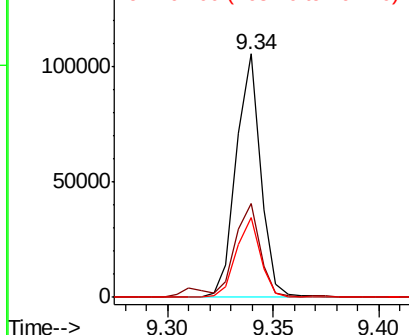
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.3	46.9
164	32.8	26.6	40.0

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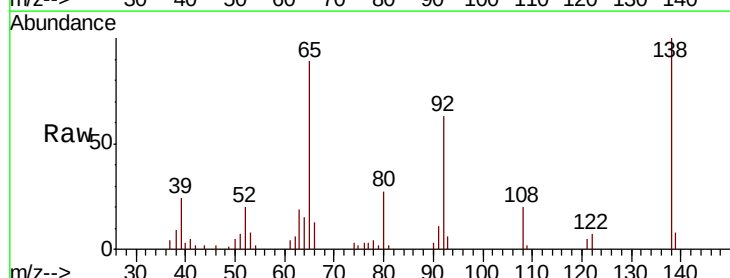


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

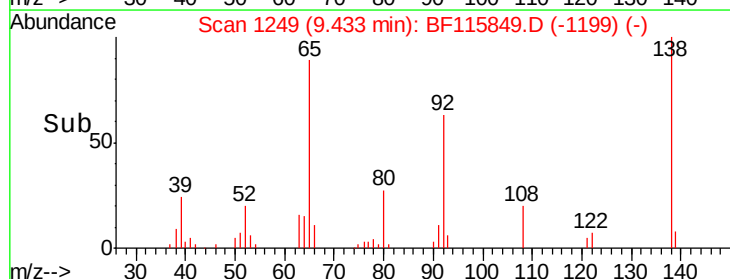
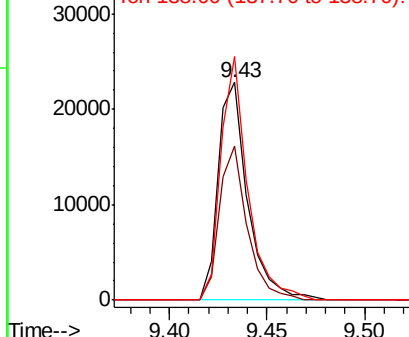


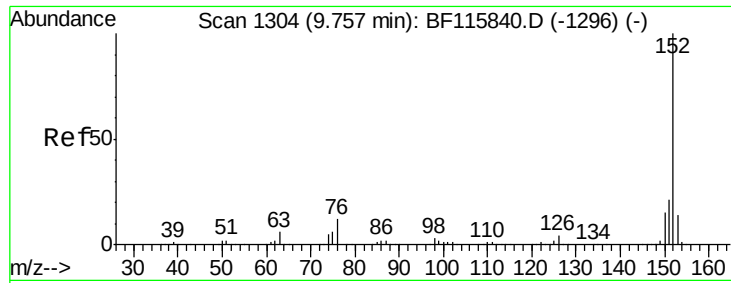
#48
2-Nitroaniline
Concen: 4.540 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.1	85.7
138	111.8	97.1	145.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.648 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

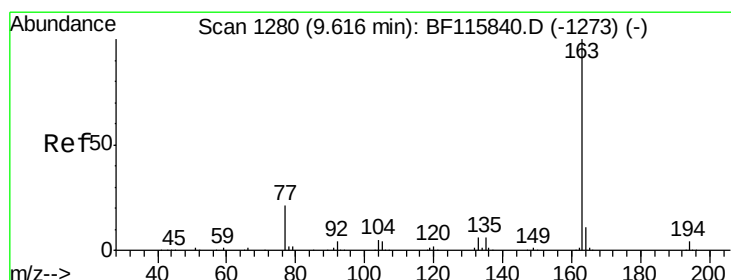
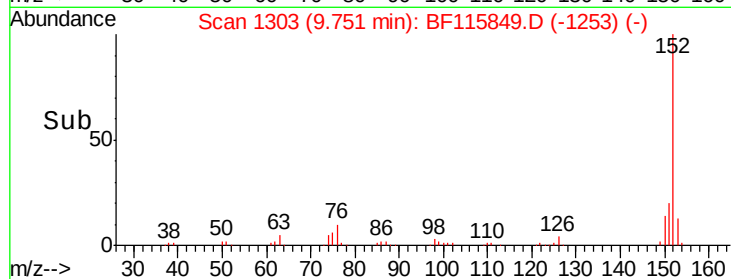
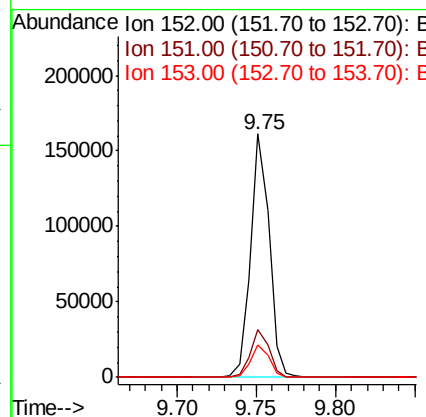
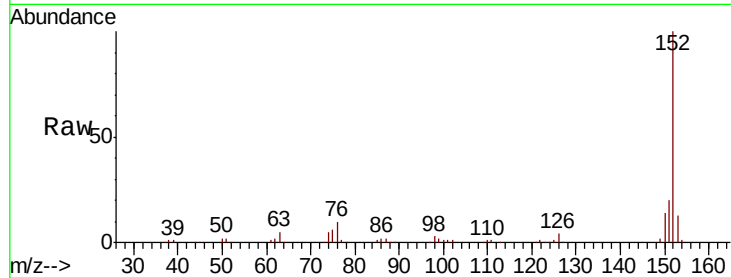
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	152	Resp:	131506
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.8	25.2
153	13.5	11.6	17.4

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#50

Dimethylphthalate

Concen: 5.021 ng

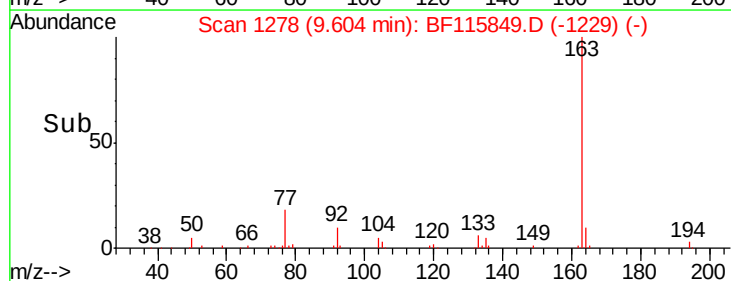
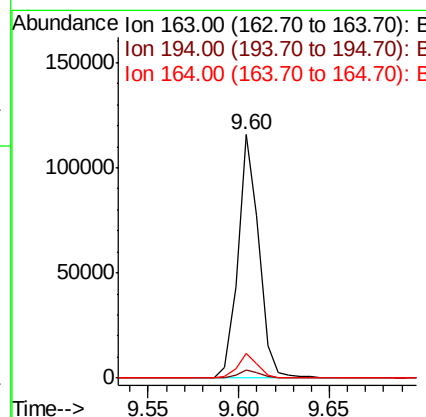
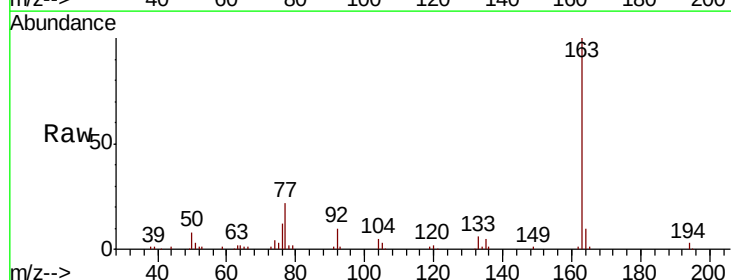
RT: 9.60 min Scan# 1278

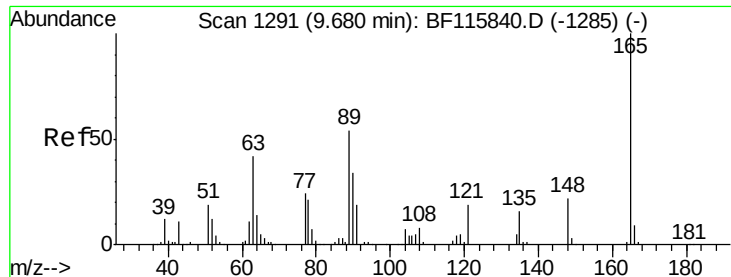
Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	163	Resp:	92861
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.6
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 4.804 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

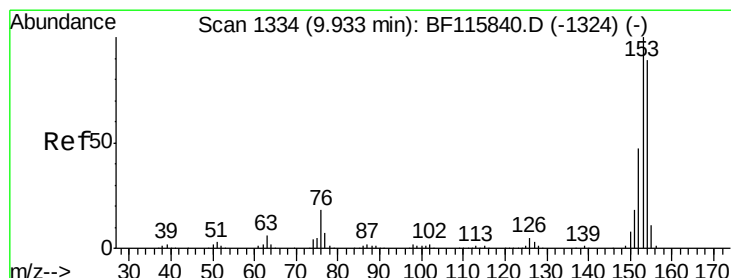
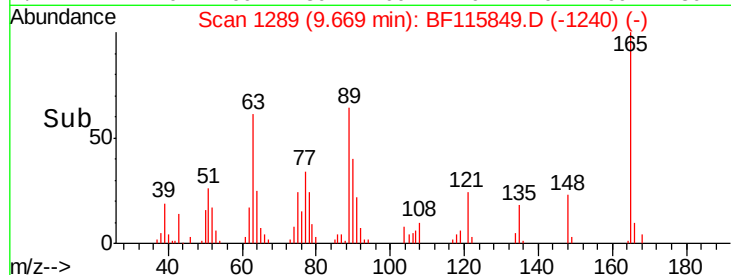
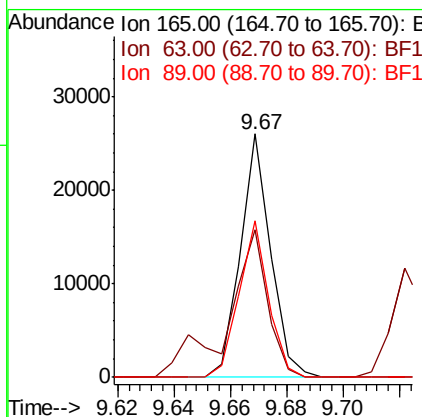
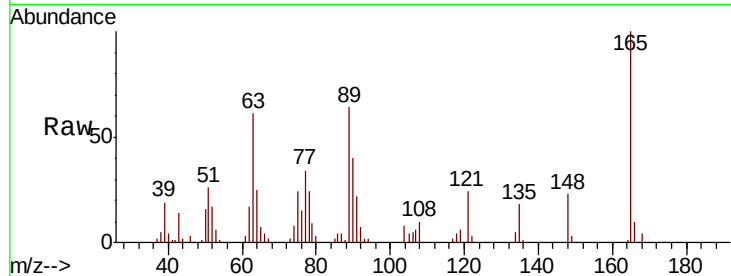
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	165	Resp:	19309
Ion Ratio	Lower	Upper	
165	100		
63	60.5	39.4	59.2#
89	64.1	43.0	64.6

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#52

Acenaphthene

Concen: 5.590 ng

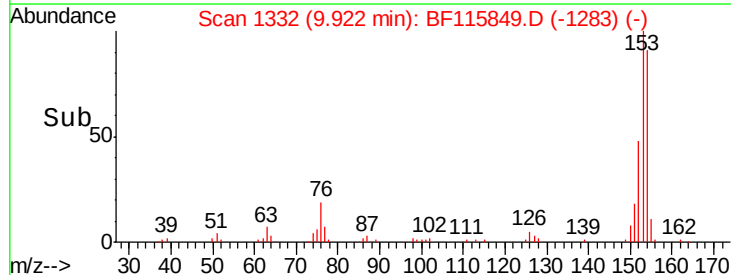
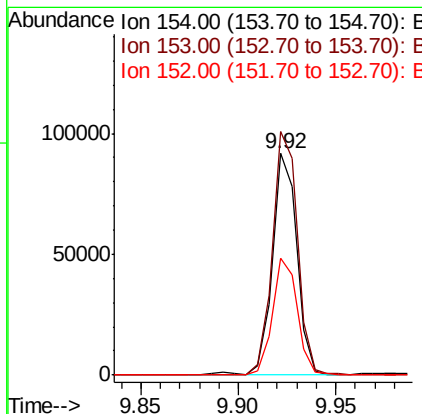
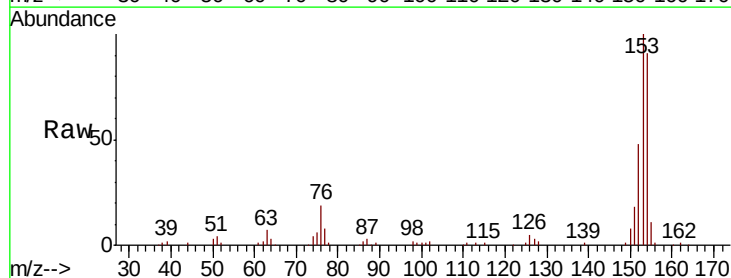
RT: 9.92 min Scan# 1332

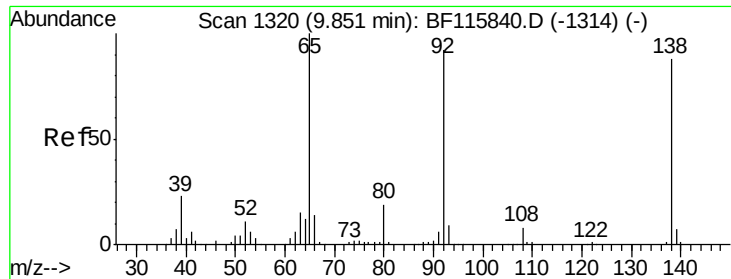
Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	154	Resp:	79847
Ion Ratio	Lower	Upper	
154	100		
153	109.8	90.1	135.1
152	52.7	42.6	63.8





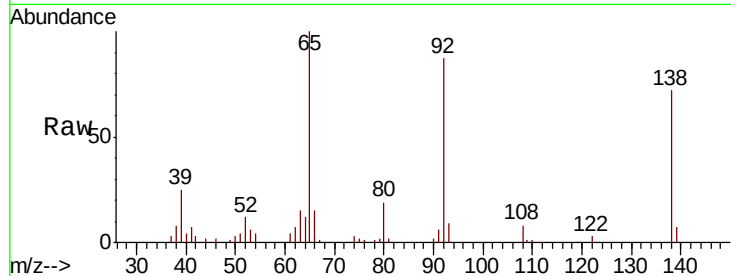
#53
3-Nitroaniline
Concen: 4.418 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	119.3	83.9	125.9

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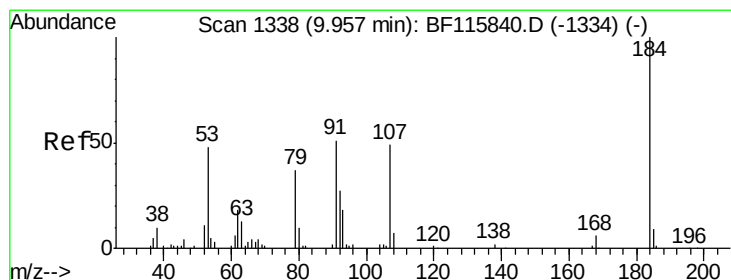
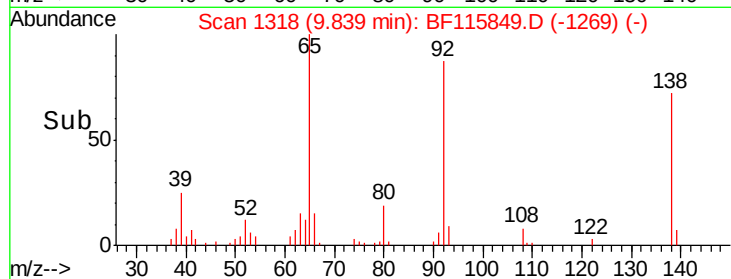
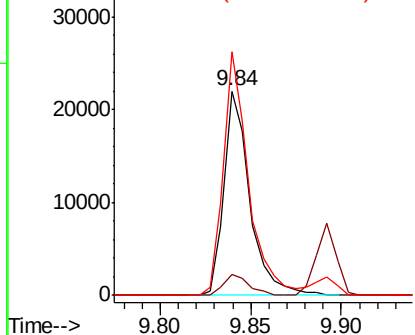


Abundance

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: 1.163 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

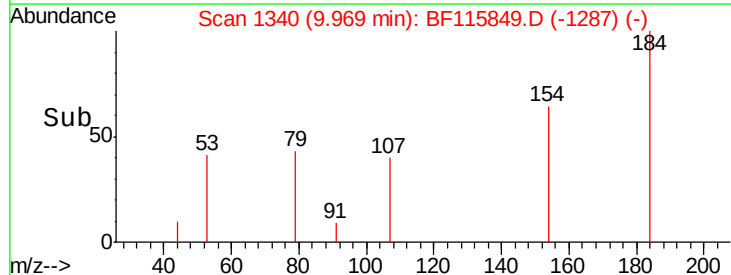
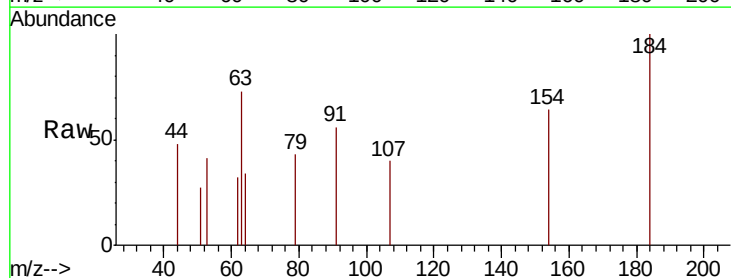
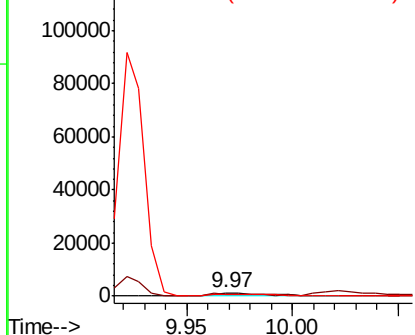
Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.0	56.7	85.1
154	63.9	51.9	77.9

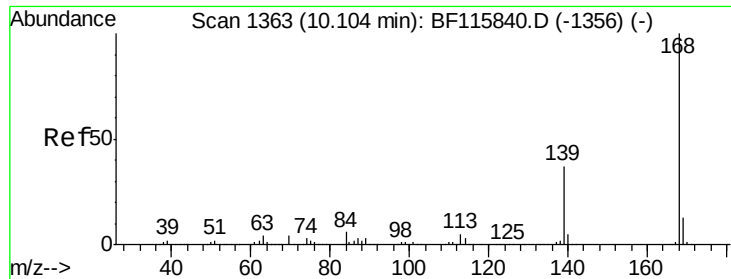
Abundance

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: 5.747 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

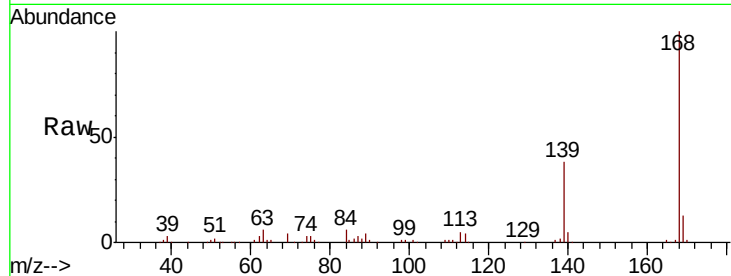
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

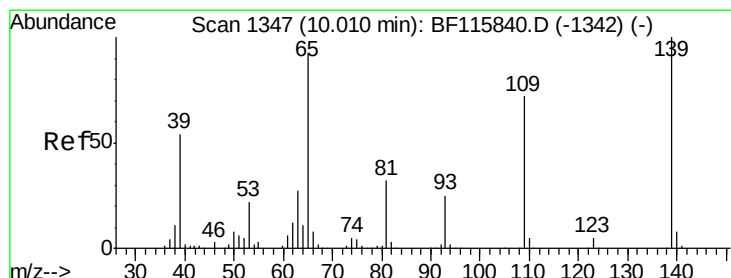
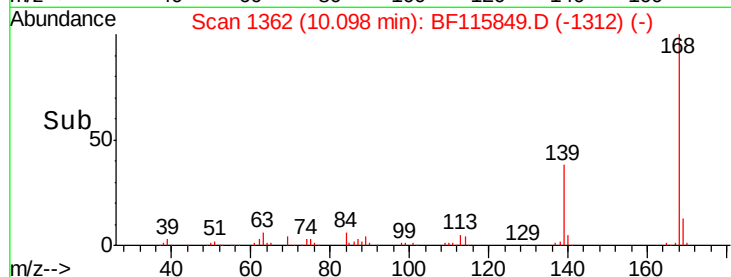
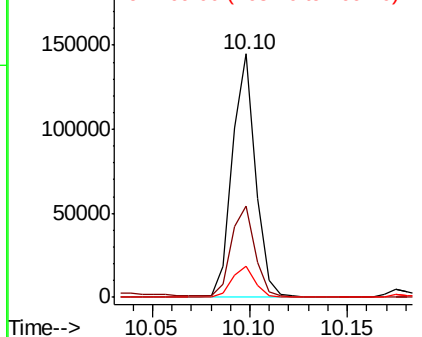
Tot Ion:	168	Resp:	119383
Ion Ratio	Lower	Upper	
168	100		
139	37.5	30.2	45.2
169	12.9	10.8	16.2

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 3.189 ng

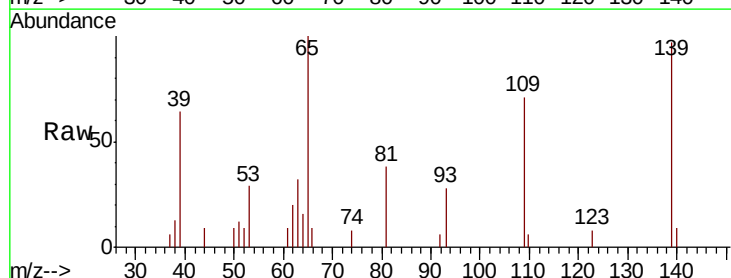
RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

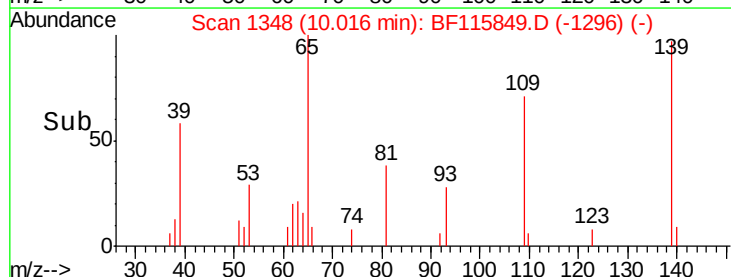
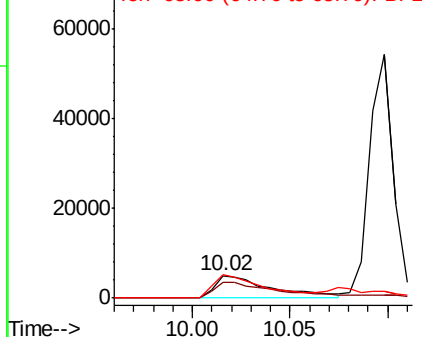
Lab File: BF115849.D

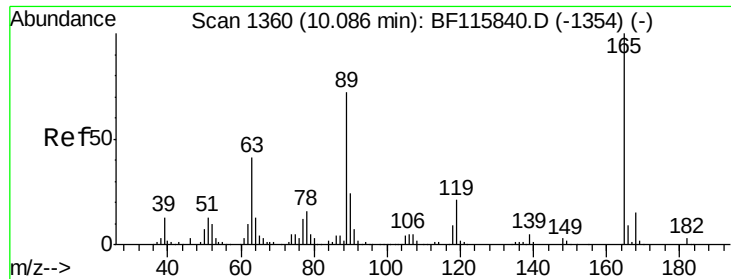
Acq: 30 Jul 2019 18:35

Tgt Ion:	139	Resp:	10144
Ion Ratio	Lower	Upper	
139	100		
109	72.7	52.0	92.0
65	103.0	72.6	112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





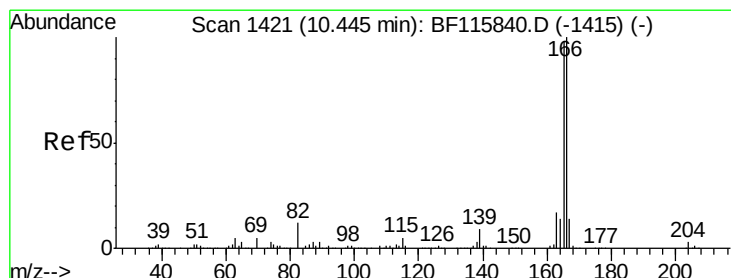
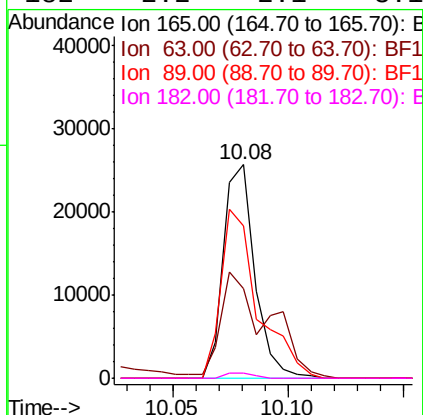
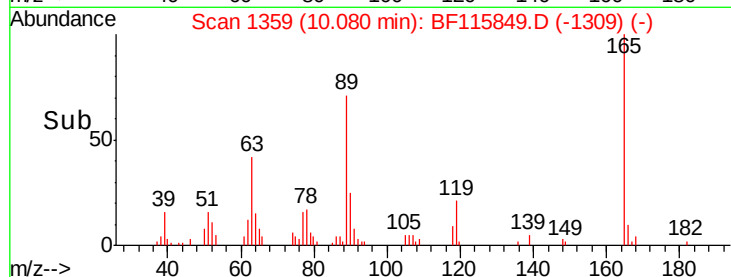
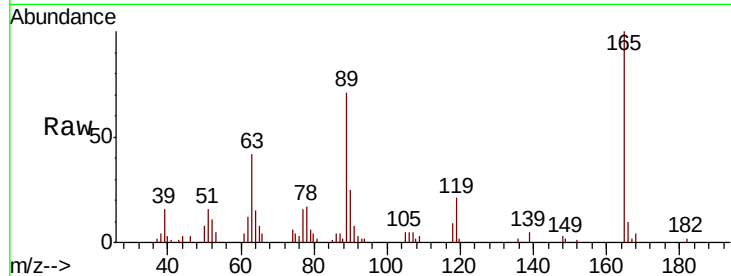
#57
 2,4-Dinitrotoluene
 Concen: 4.534 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.2	49.8
89	71.3	57.3	85.9
182	2.2	2.1	3.1

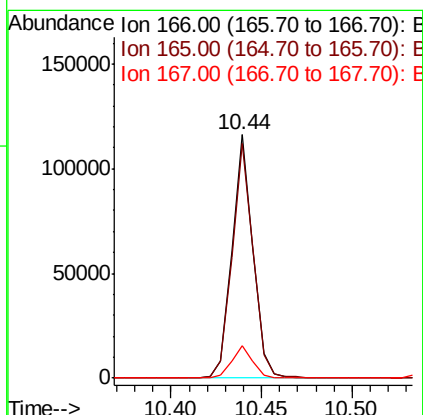
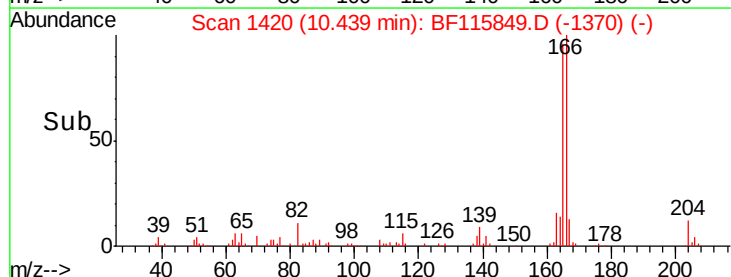
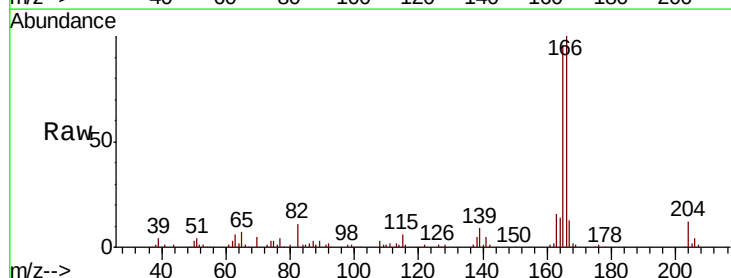
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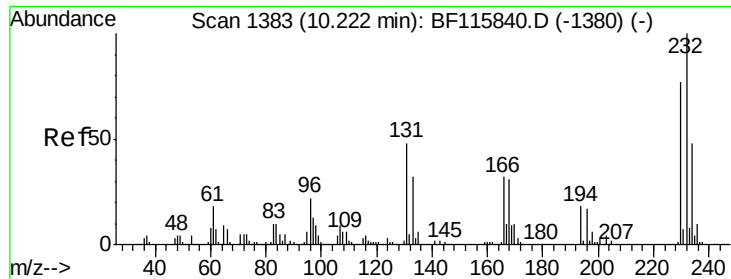
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#58
 Fluorene
 Concen: 5.832 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.6	118.0
167	13.4	10.9	16.3





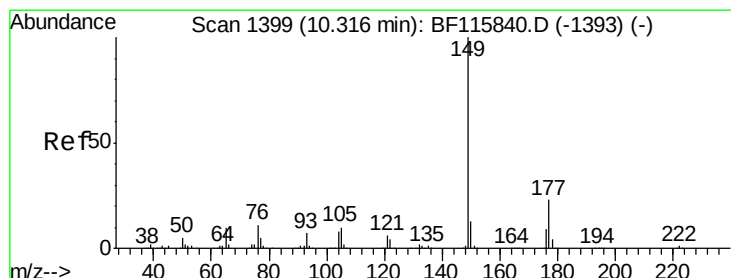
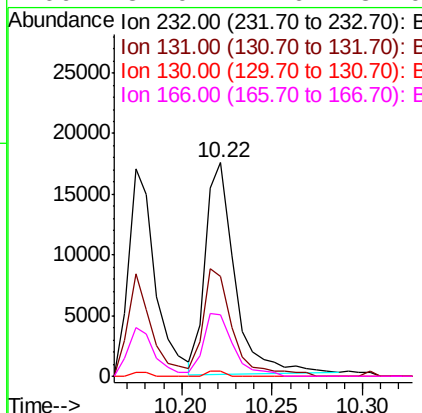
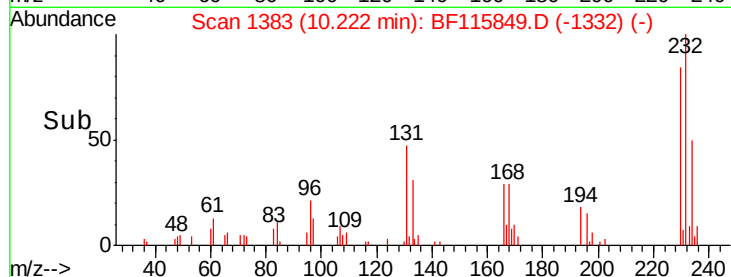
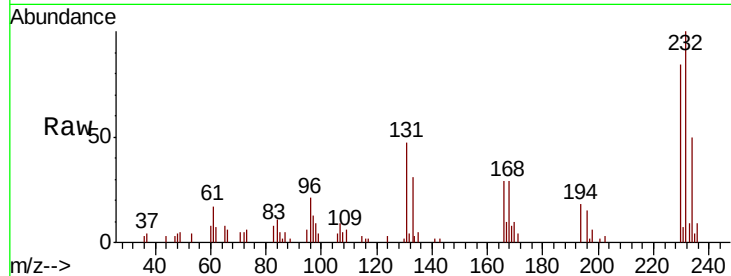
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.523 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.8	37.6	56.4
130	1.5	1.8	2.8
166	31.0	24.6	37.0

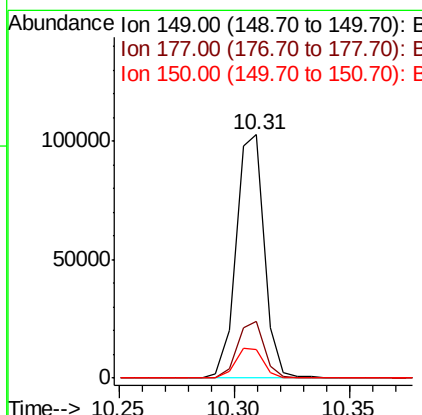
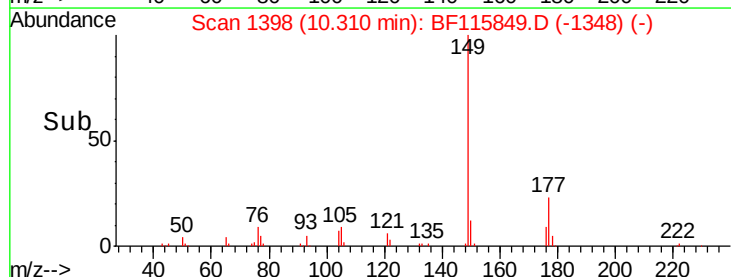
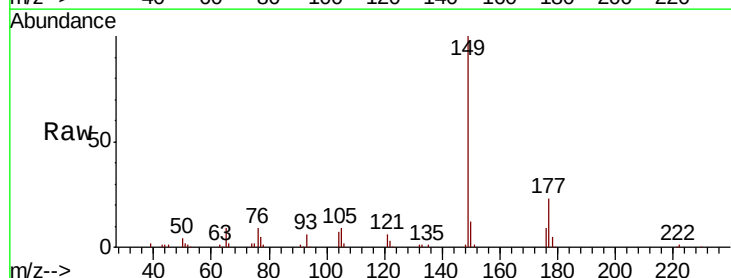
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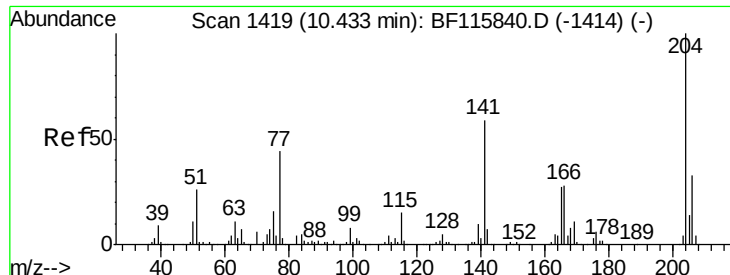
mohammad
8/1/2019 5:05:56 PM



#60
Diethylphthalate
Concen: 5.069 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.4	27.6
150	11.7	10.1	15.1





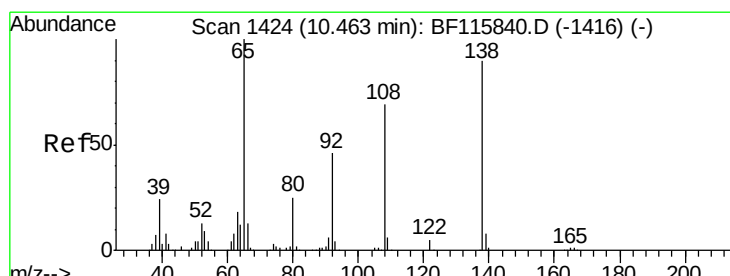
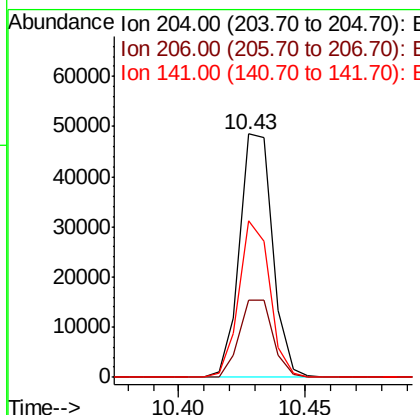
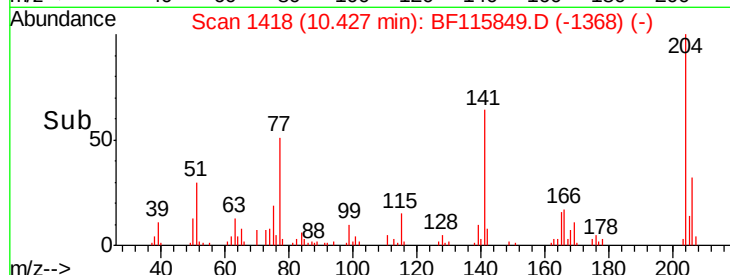
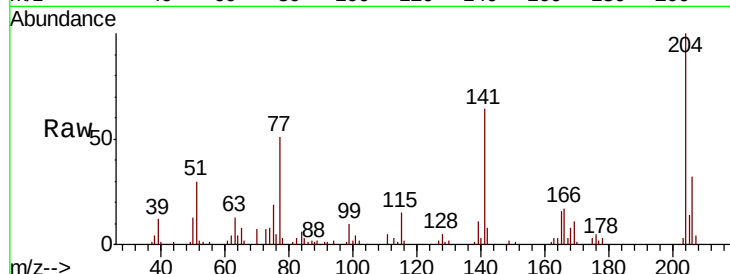
#61
4-Chlorophenyl-phenylether
Concen: 5.429 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.4	39.6
141	64.3	47.0	70.4

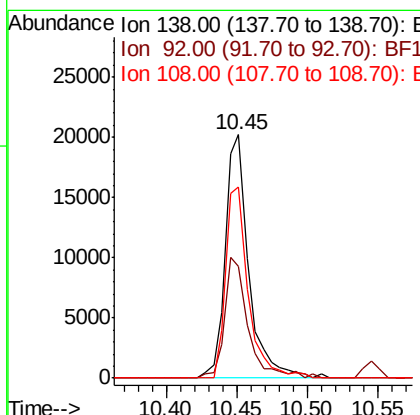
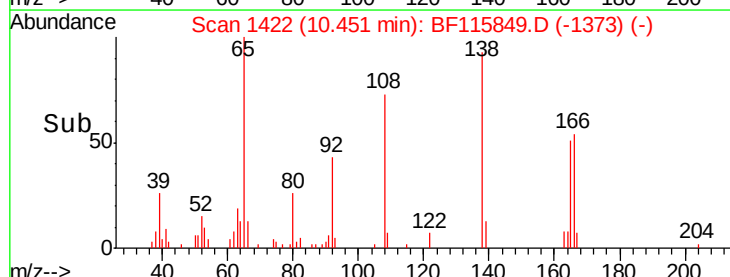
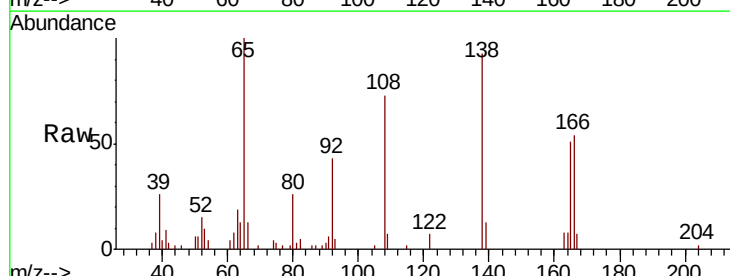
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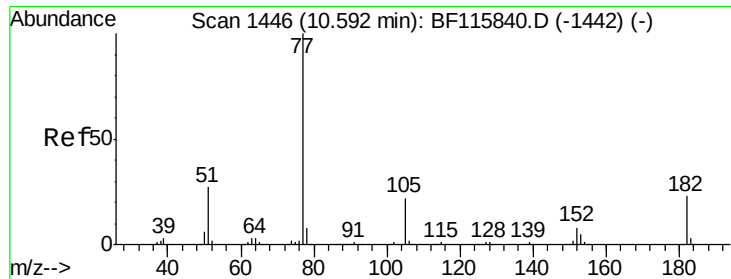
mohammad
8/1/2019 5:05:56 PM



#62
4-Nitroaniline
Concen: 4.544 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	31.0	71.0
108	78.5	56.7	96.7





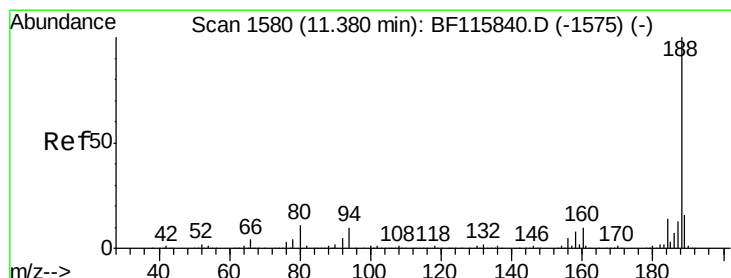
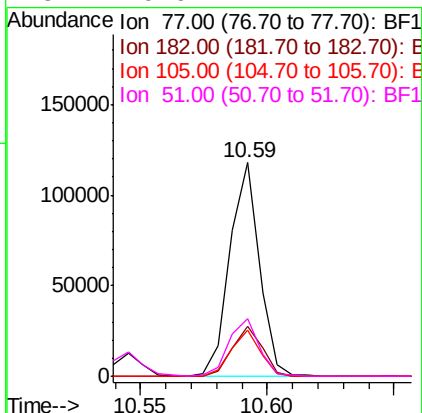
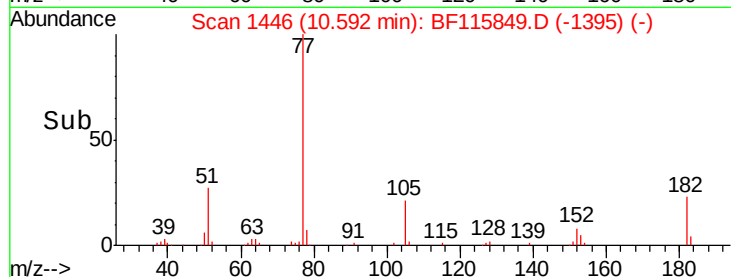
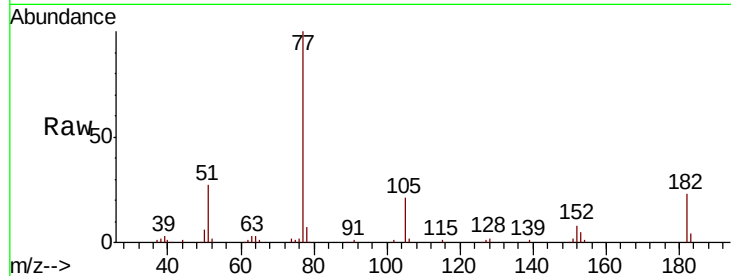
#63
Azobenzene
Concen: 5.375 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.5	2.6	42.6		
105	21.4	1.6	41.6		
51	26.9	7.4	47.4		

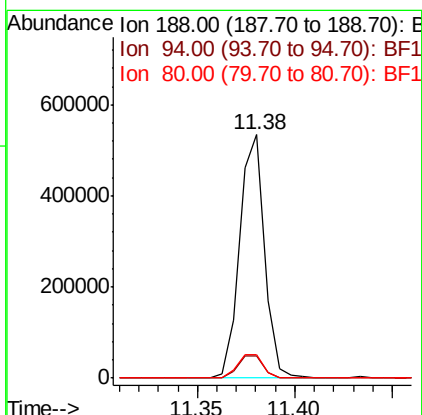
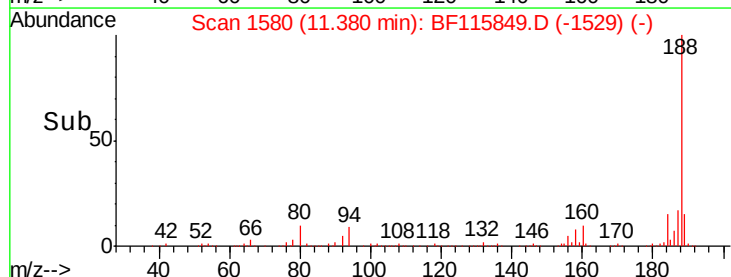
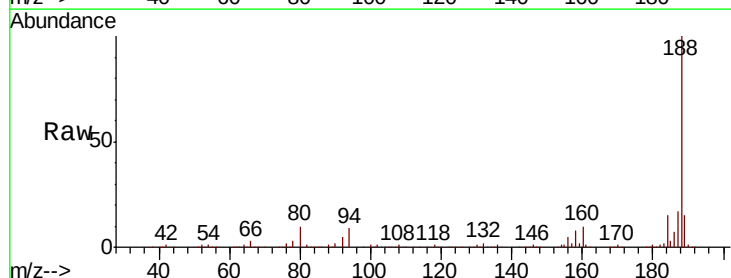
Manual Integrations
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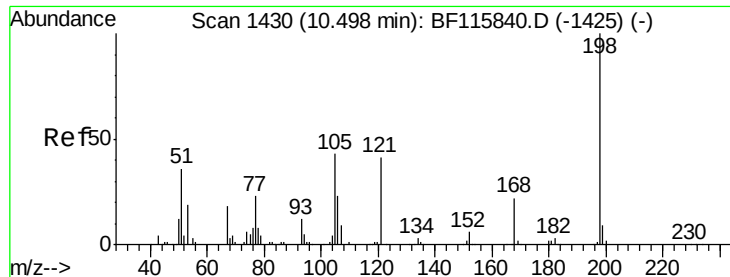
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	8.0	12.0		
80	9.5	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 2.801 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

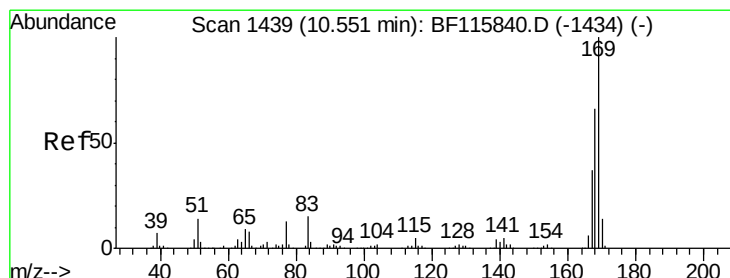
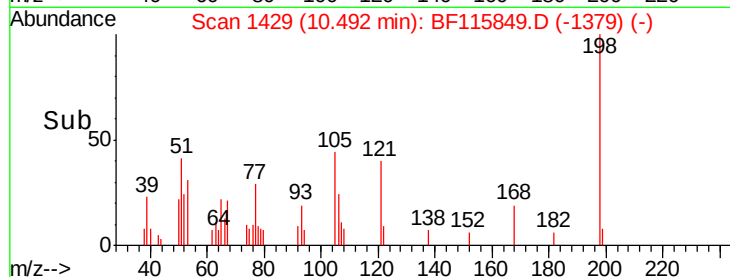
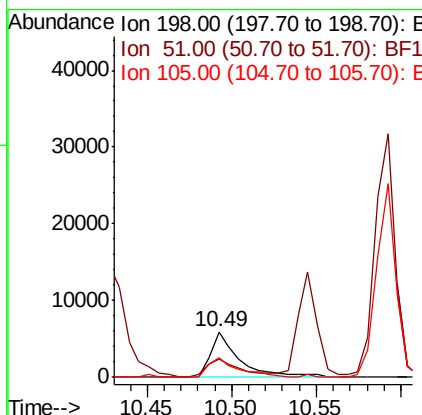
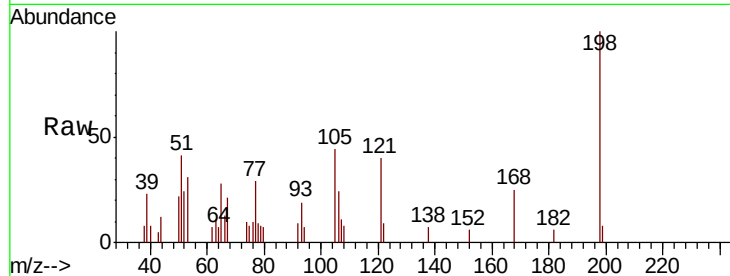
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	198	Resp:	7013
Ion Ratio	Lower	Upper	
198	100		
51	41.4	21.1	61.1
105	44.5	24.5	64.5

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#66

n-Nitrosodiphenylamine

Concen: 5.492 ng

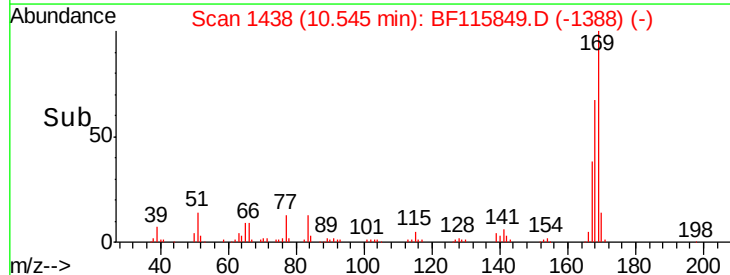
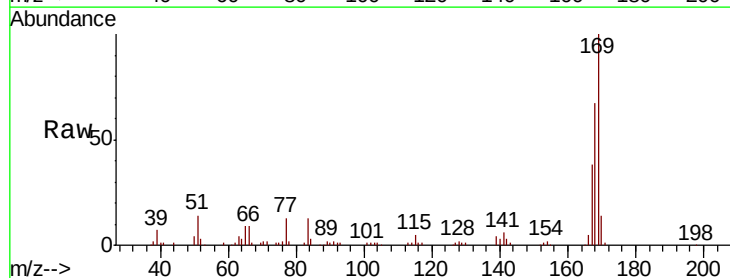
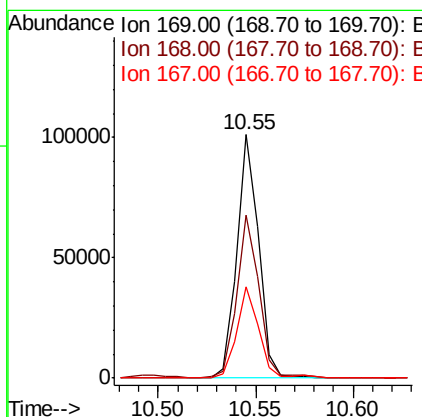
RT: 10.55 min Scan# 1438

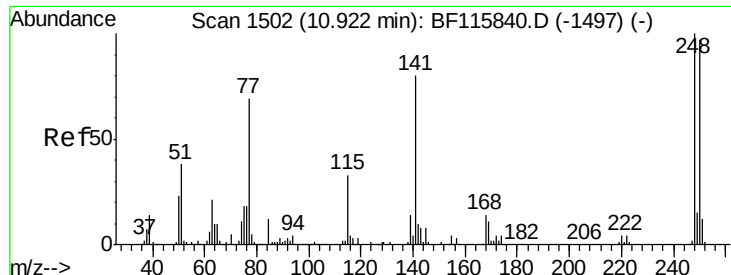
Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	169	Resp:	78083
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.0	79.6
167	37.6	29.9	44.9





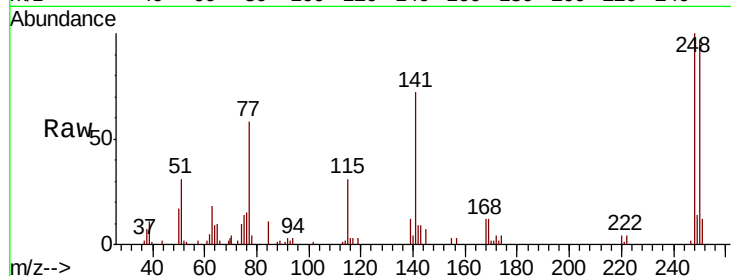
#67
 4-Bromophenyl-phenylether
 Concen: 5.011 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT3-2019

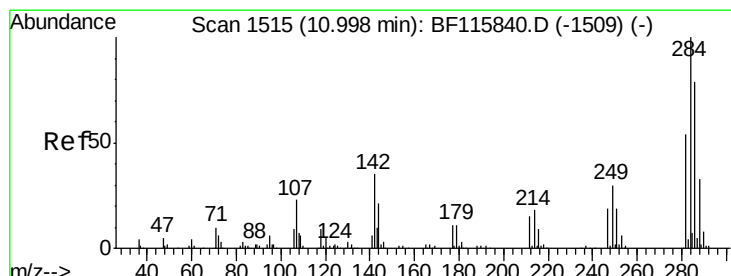
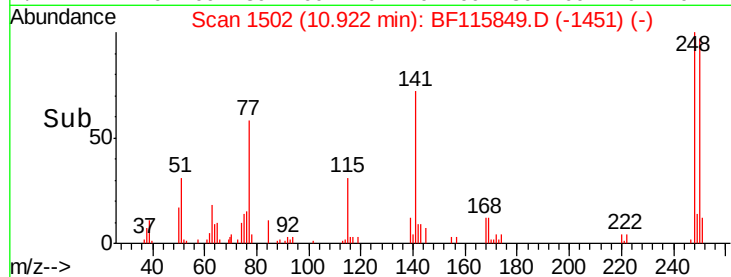
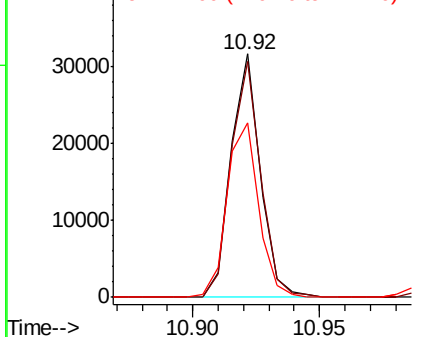
Tot Ion:	248	Resp:	25339
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.8	116.6
141	71.5	64.3	96.5

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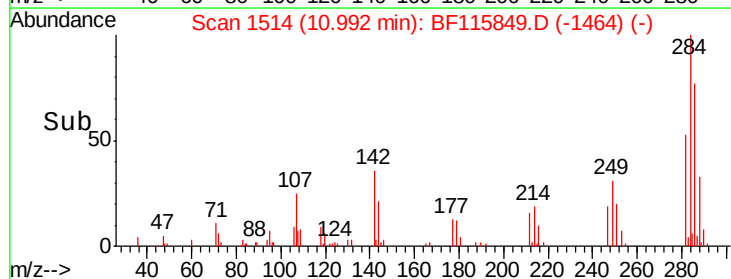
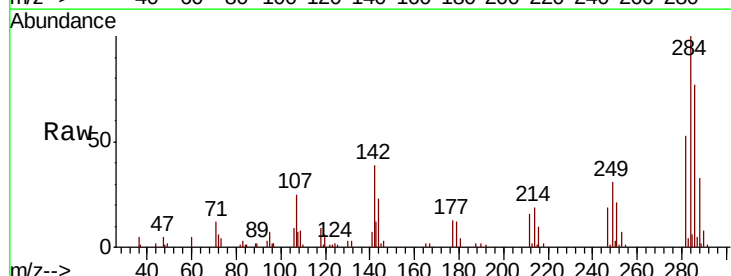
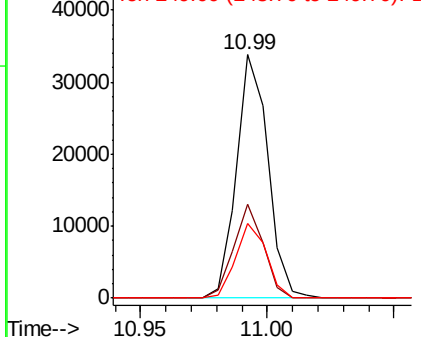
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

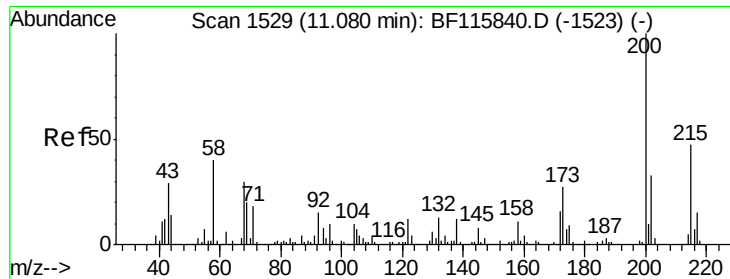


#68
 Hexachlorobenzene
 Concen: 4.971 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:	284	Resp:	29071
Ion Ratio	Lower	Upper	
284	100		
142	38.6	28.2	42.2
249	30.8	24.0	36.0

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





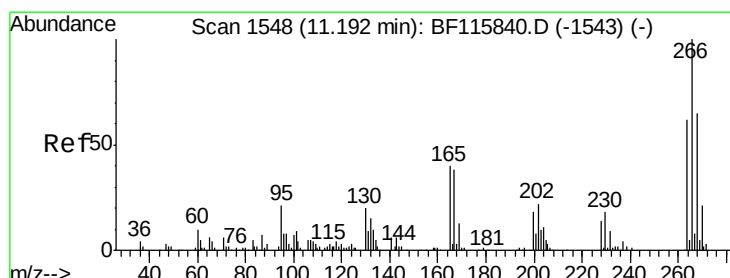
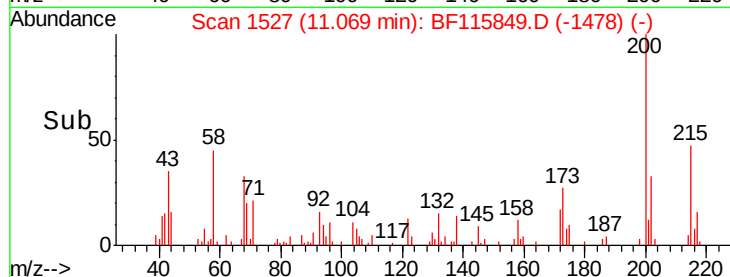
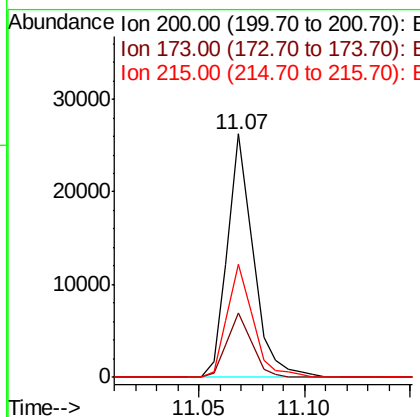
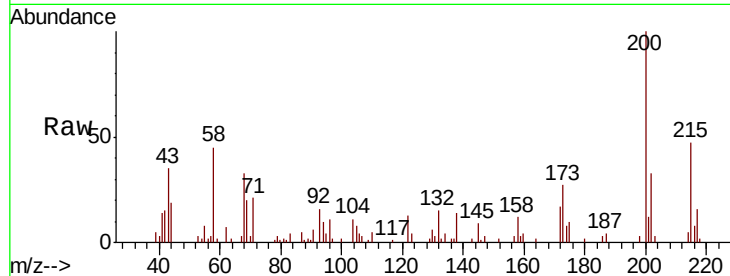
#69
Atrazine
Concen: 4.779 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.3	47.3
215	46.6	26.9	66.9

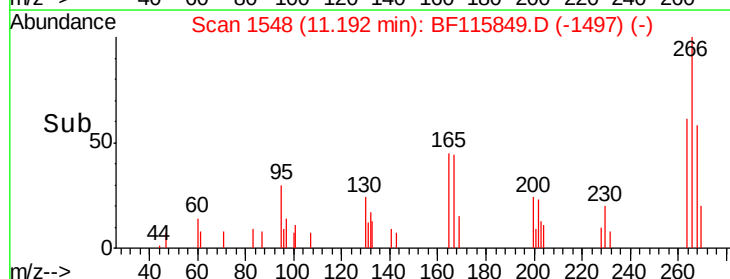
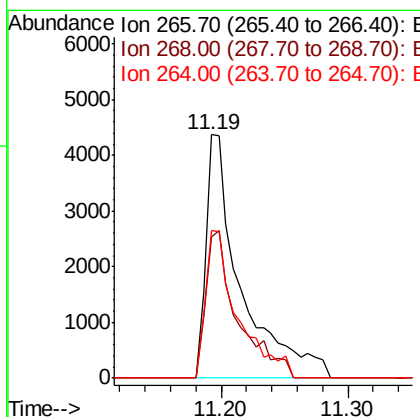
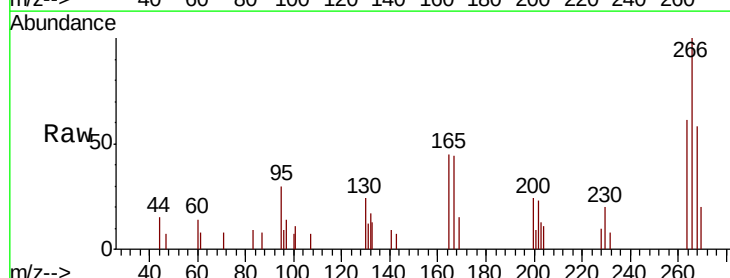
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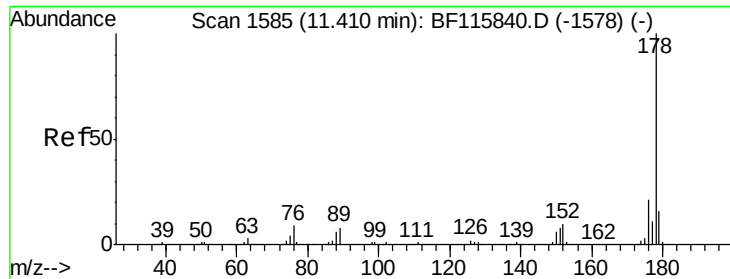
mohammad
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#70
Pentachlorophenol
Concen: 2.938 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	57.8	51.6	77.4
264	60.8	49.4	74.0





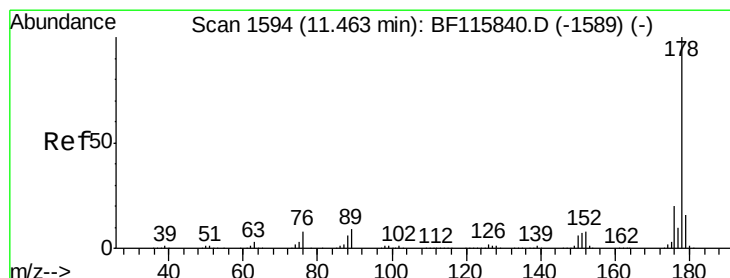
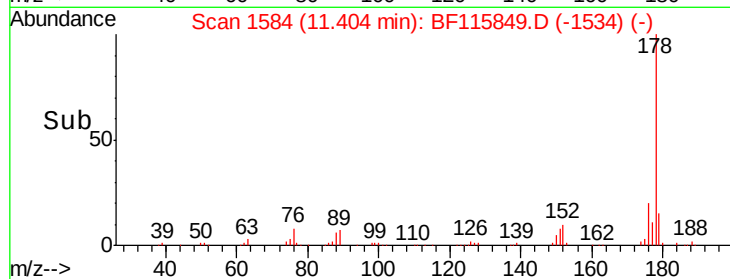
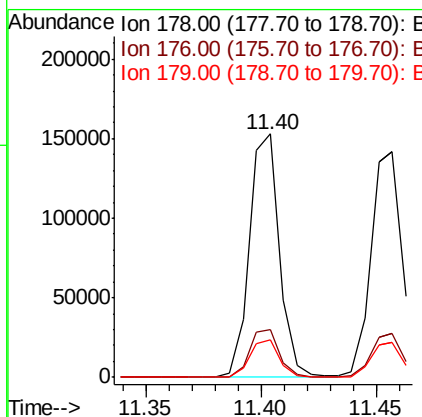
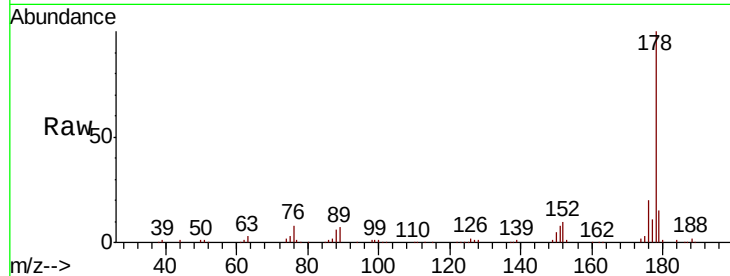
#71
Phenanthrene
Concen: 5.764 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.3	12.6	18.8

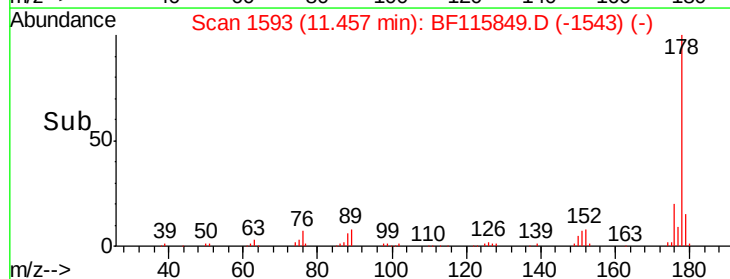
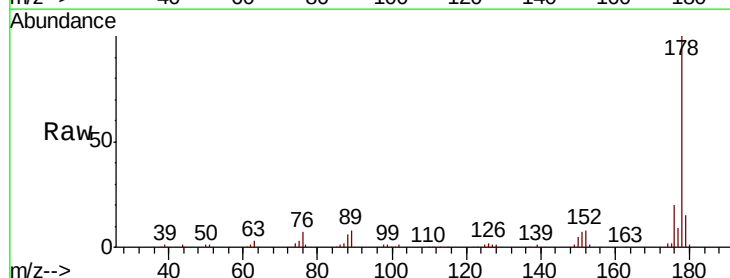
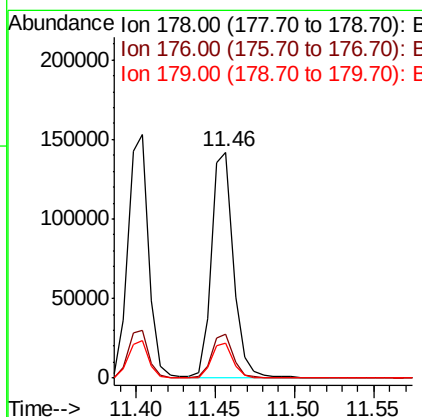
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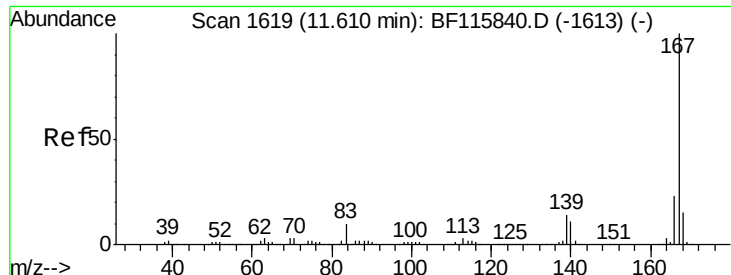
mohammad
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#72
Anthracene
Concen: 5.672 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.2	12.4	18.6





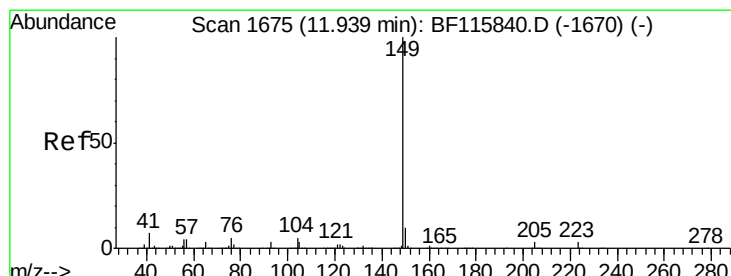
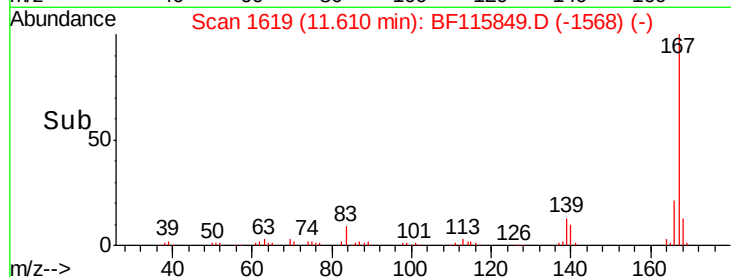
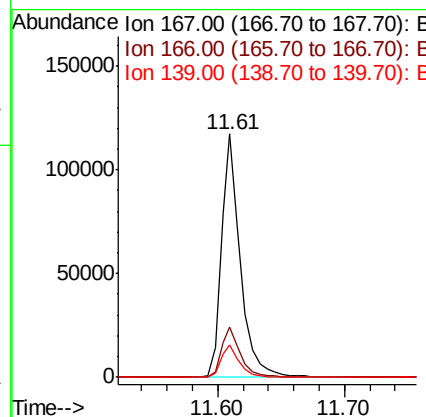
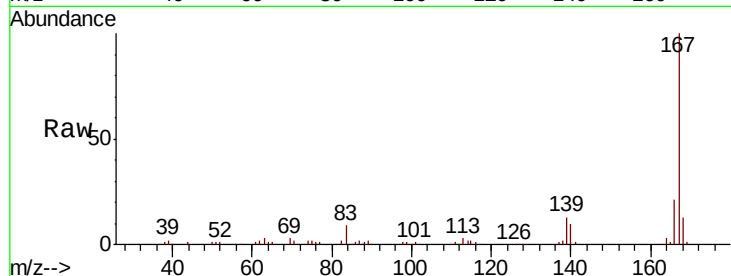
#73
 Carbazole
 Concen: 5.512 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
167	100	122227		
166	20.6		18.0	27.0
139	13.1		11.4	17.2

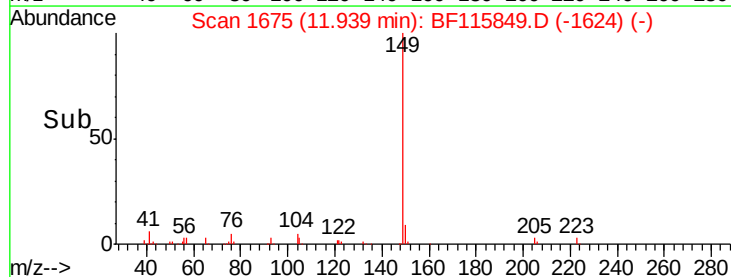
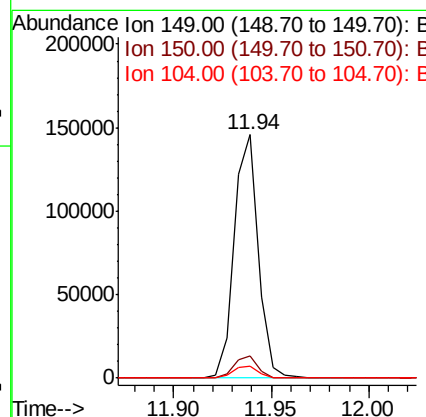
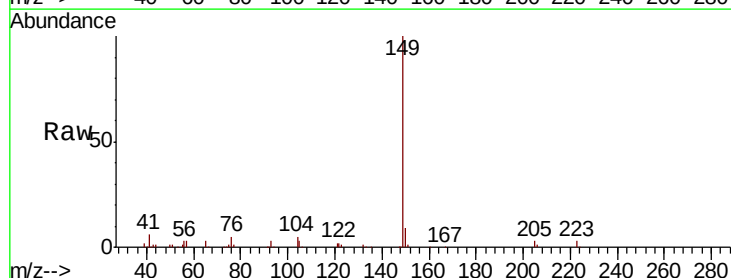
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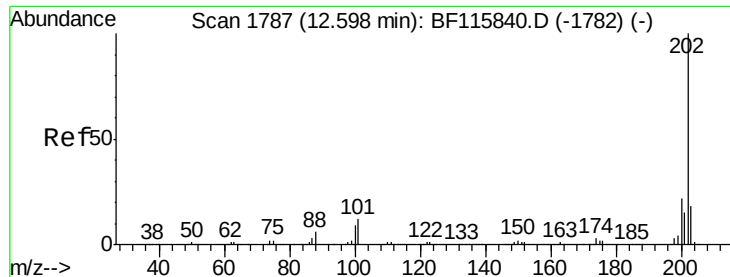
mohammad
 8/1/2019 5:05:56 PM



#74
 Di-n-butylphthalate
 Concen: 4.810 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	124417		
150	8.9		7.7	11.5
104	5.0		4.3	6.5





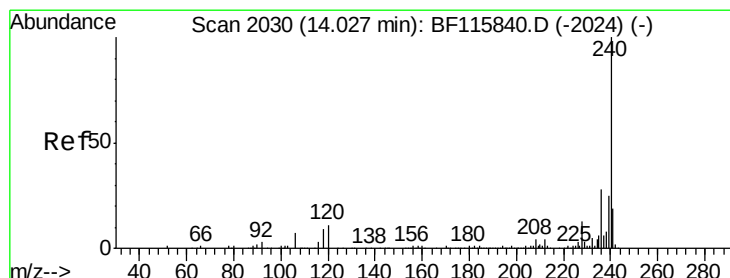
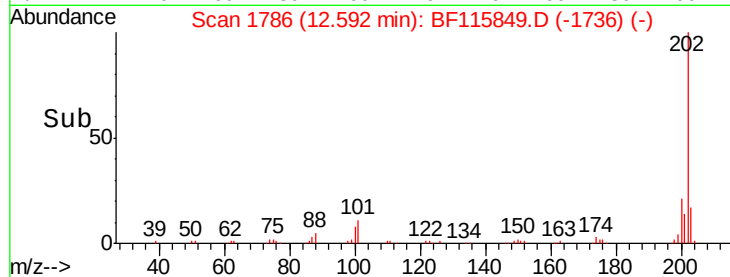
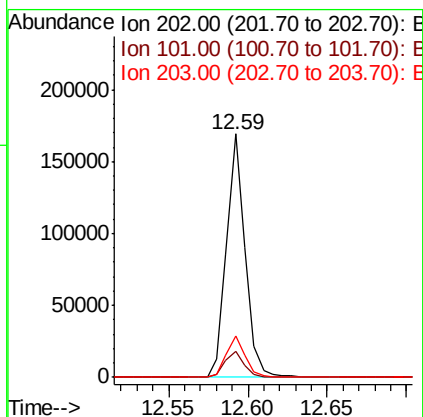
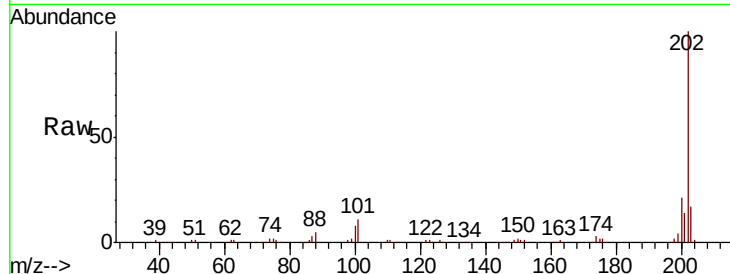
#75
Fluoranthene
Concen: 5.457 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
202	100	137965		
101	10.6	0.0	31.5	
203	16.8	0.0	37.9	

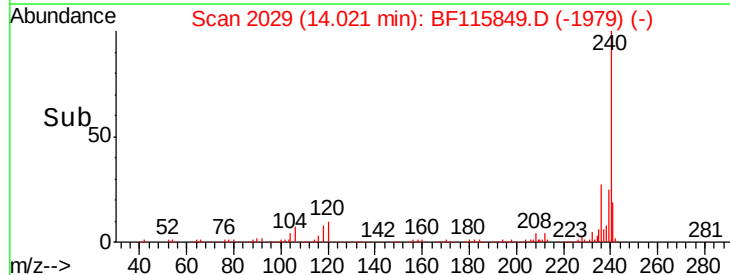
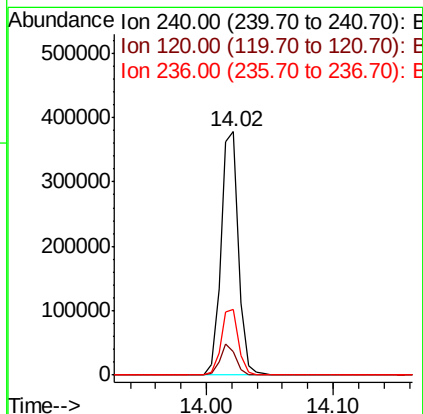
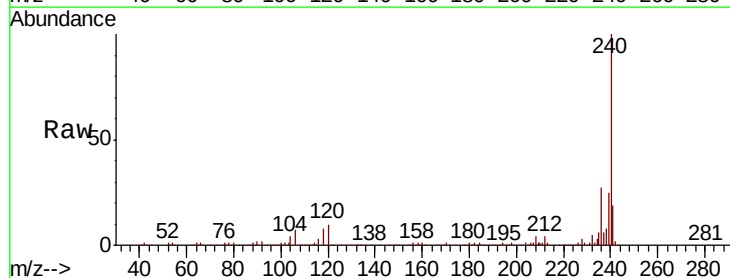
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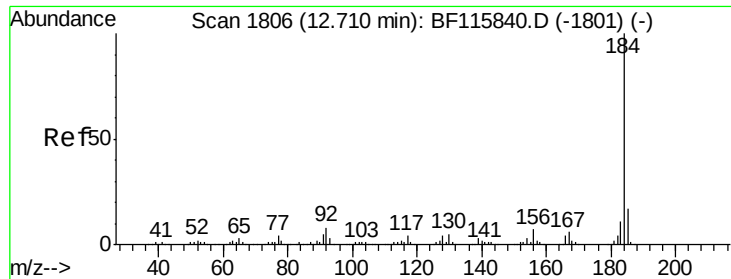
mohammad
8/1/2019 5:05:56 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	364635		
120	9.8	8.5	12.7	
236	27.2	22.2	33.2	





#77

Benzidine

Concen: 4.714 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

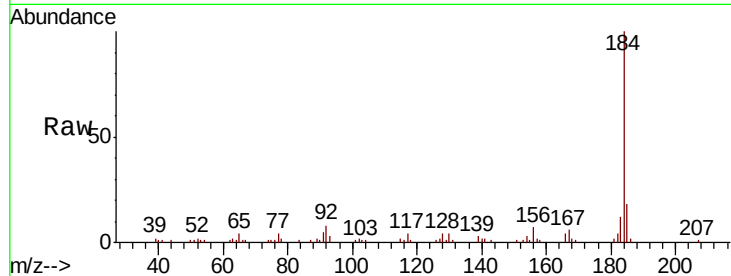
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

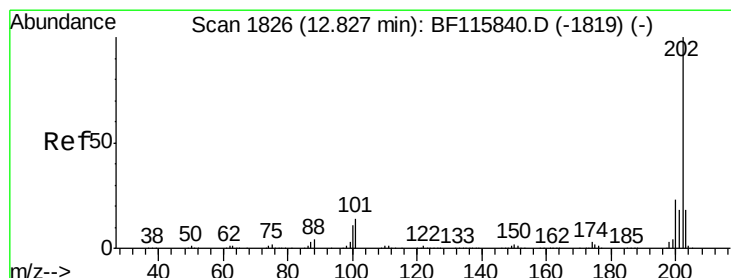
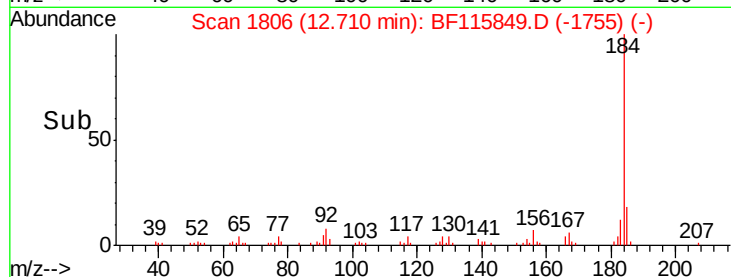
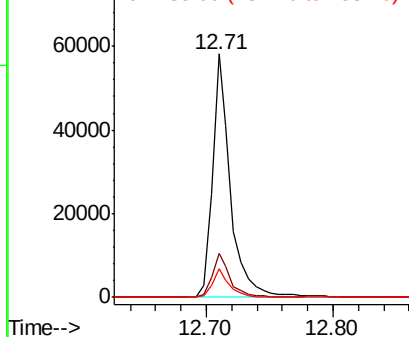
Tot Ion:	184	Resp:	58067
Ion Ratio	Lower	Upper	
184	100		
185	17.9	13.4	20.2
183	11.5	9.1	13.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.317 ng

RT: 12.82 min Scan# 1825

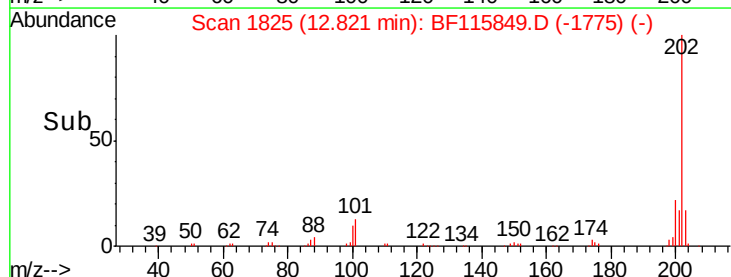
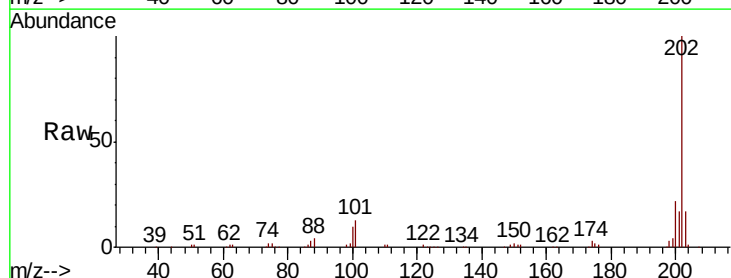
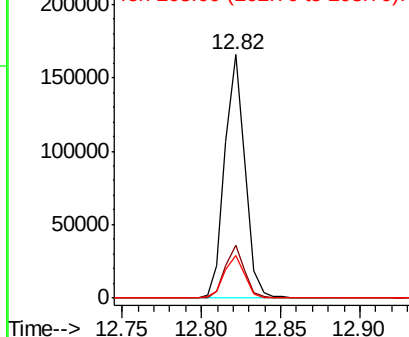
Delta R.T. -0.01 min

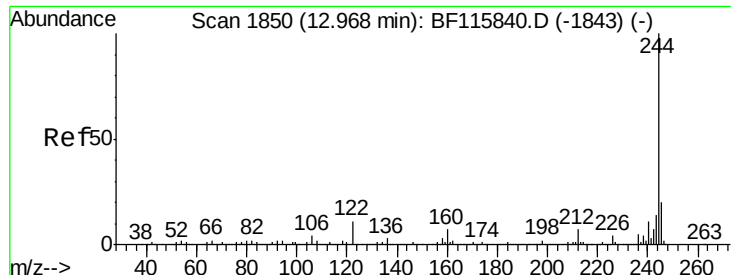
Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion:	202	Resp:	146154
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.2	27.2
203	17.3	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





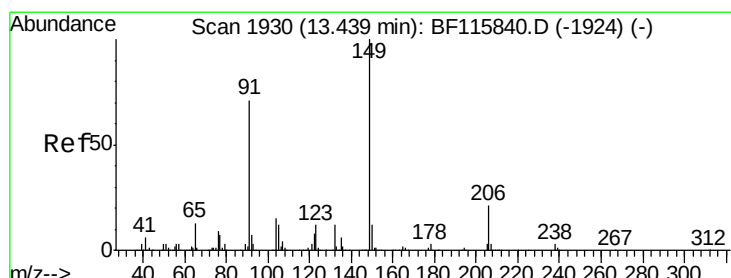
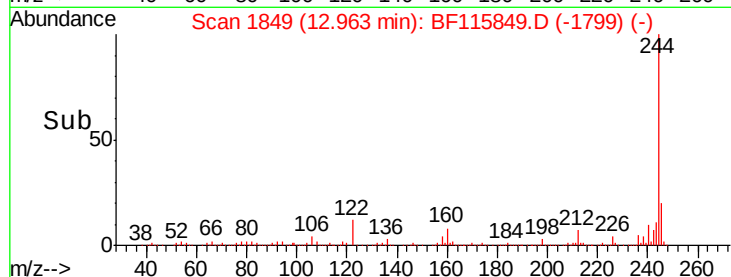
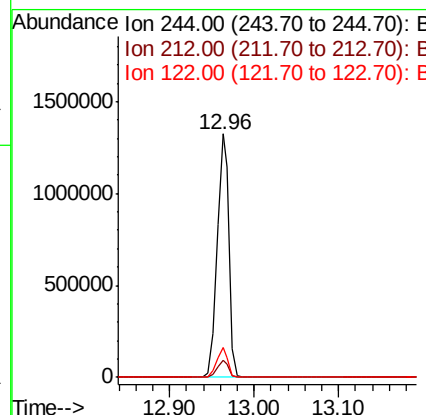
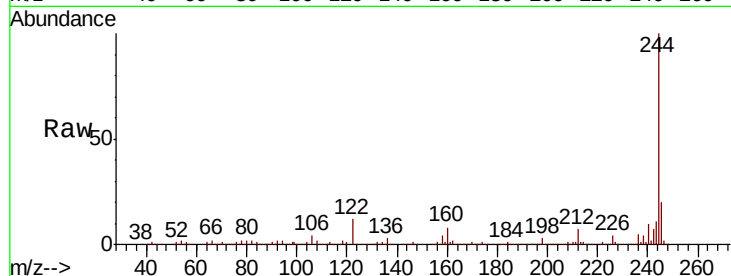
#79
 Terphenyl-d14
 Concen: 76.539 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:244 Resp: 1324467
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.5 8.6 13.0

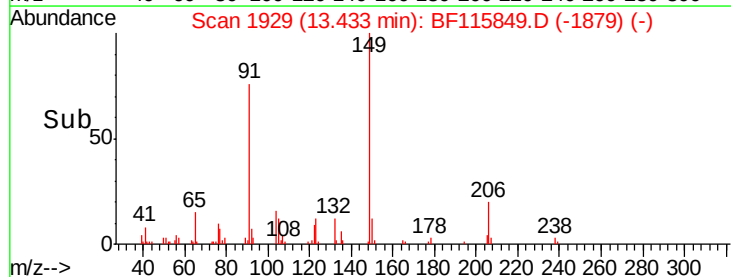
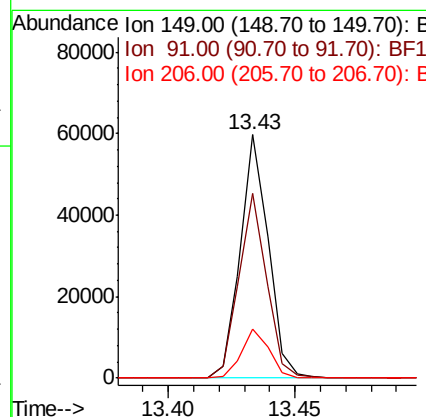
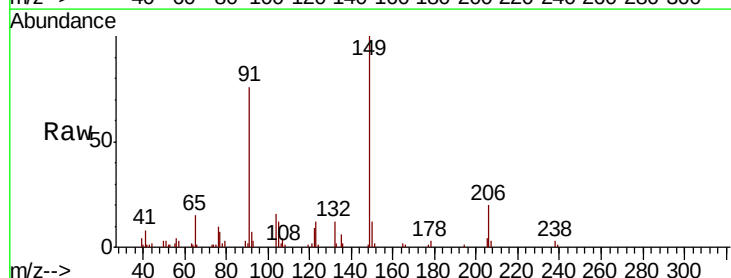
Manual Integrations
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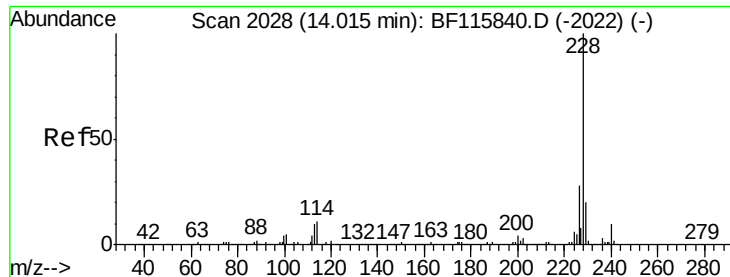
mohammad
 8/1/2019 5:05:56 PM



#80
 Butylbenzylphthalate
 Concen: 3.941 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:149 Resp: 45825
 Ion Ratio Lower Upper
 149 100
 91 75.7 57.0 85.6
 206 20.3 16.9 25.3





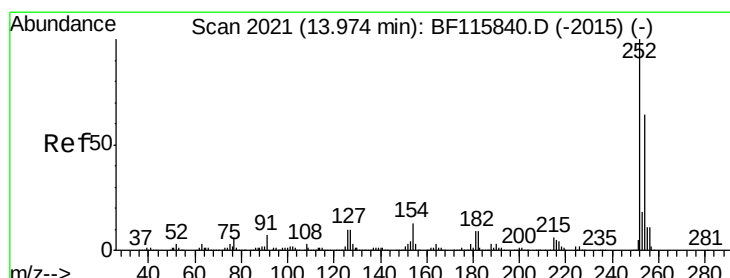
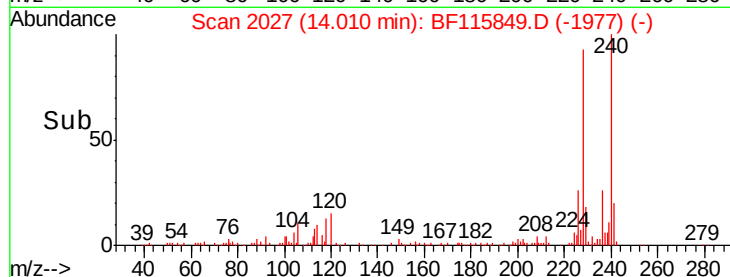
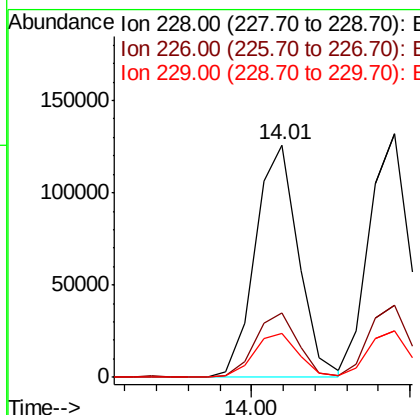
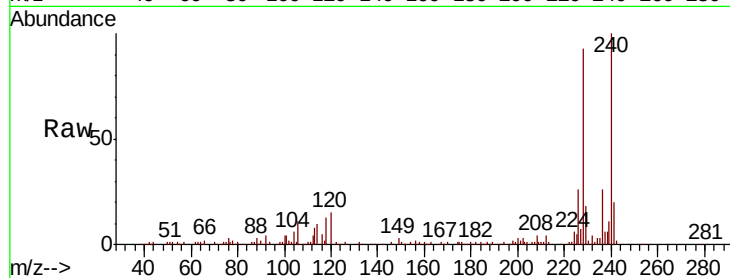
#81
Benzo(a)anthracene
Concen: 5.101 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	19.1	16.1	24.1

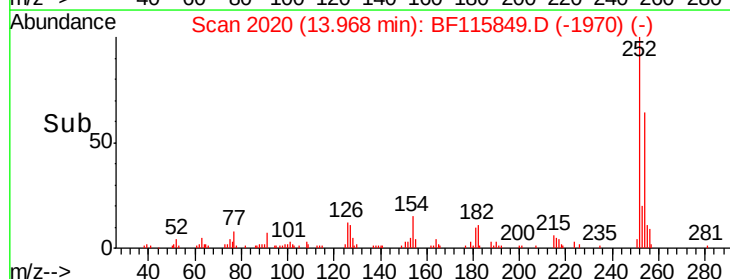
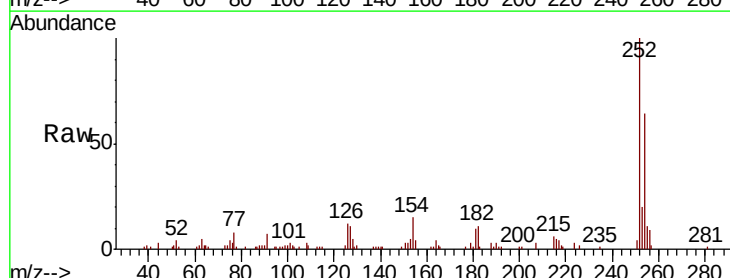
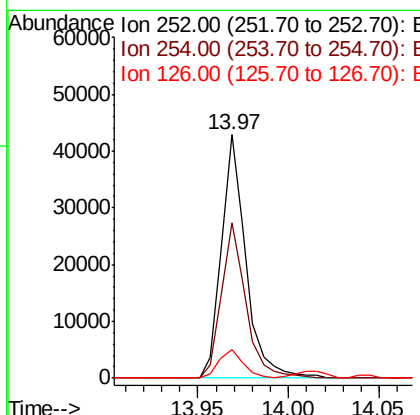
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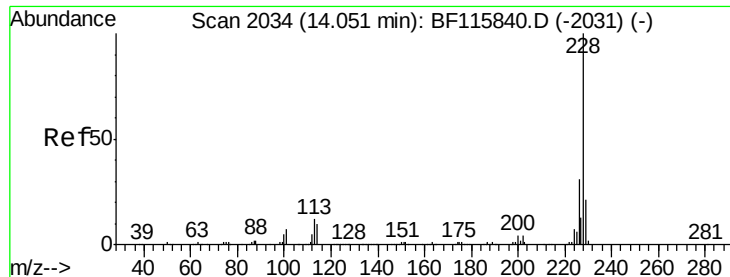
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 4.962 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	11.6	8.1	12.1





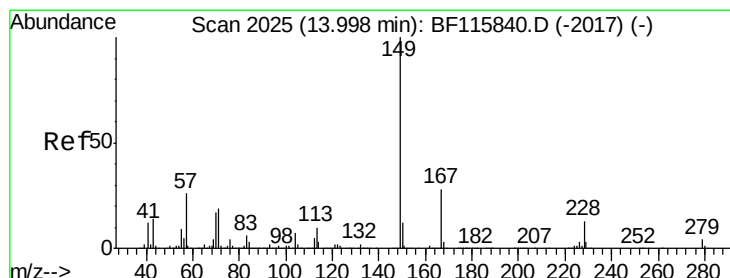
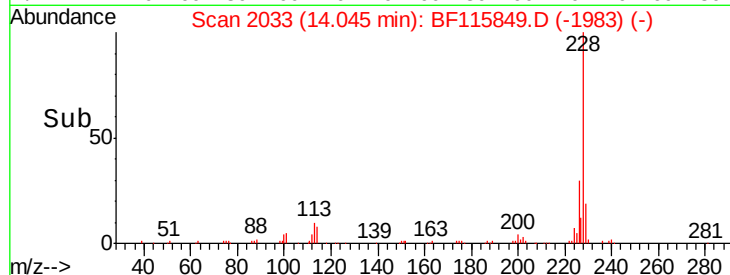
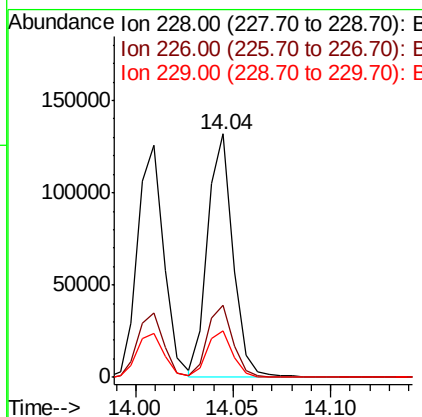
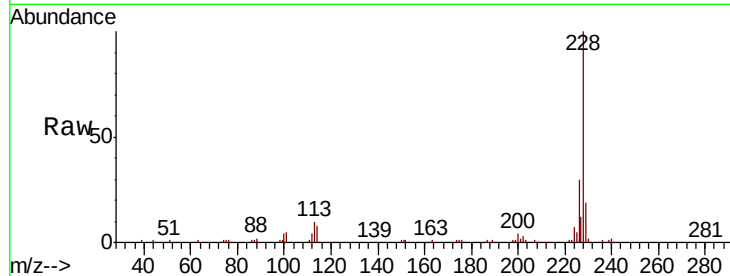
#83
Chrysene
Concen: 5.264 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.8	37.2
229	19.2	16.4	24.6

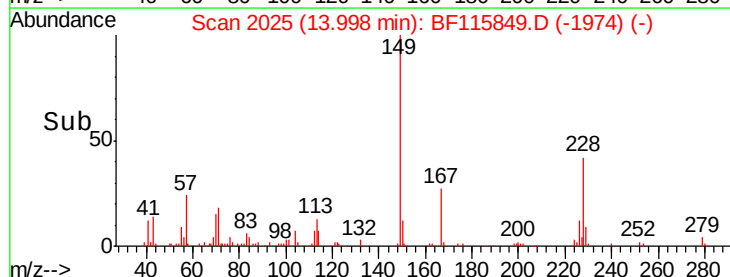
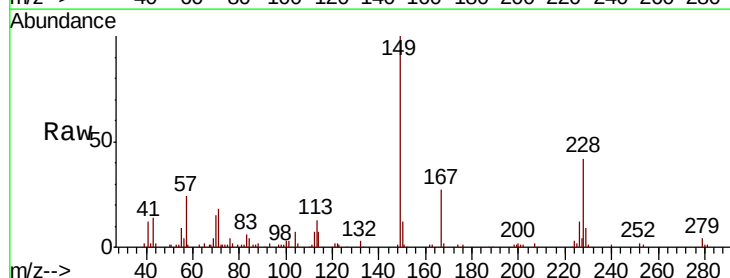
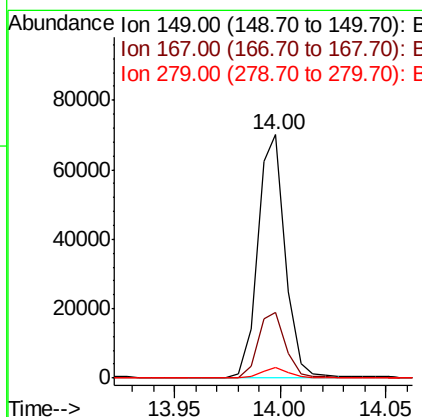
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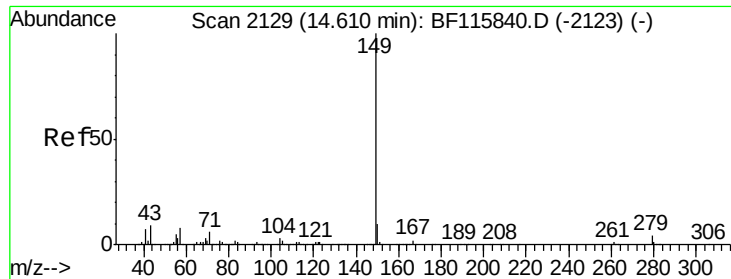
mohammad
8/1/2019 5:05:56 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.192 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	4.5	3.3	4.9





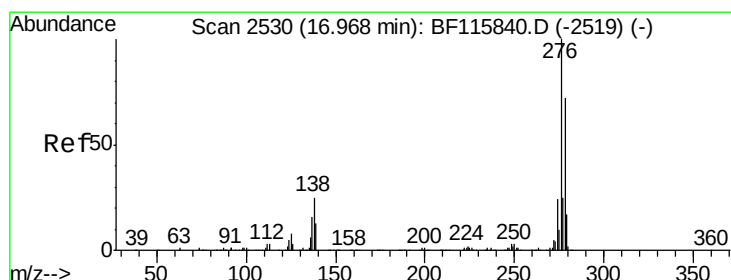
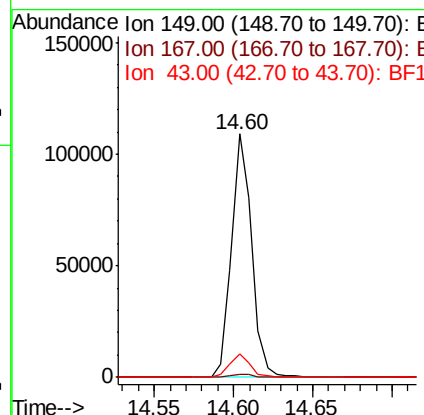
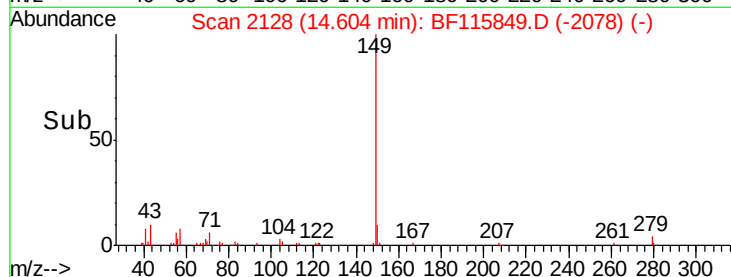
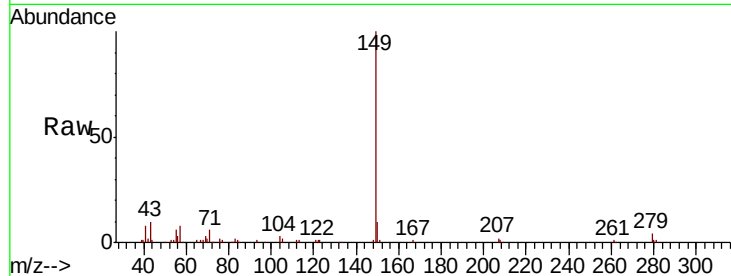
#85
Di-n-octyl phthalate
Concen: 4.006 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.4	11.0

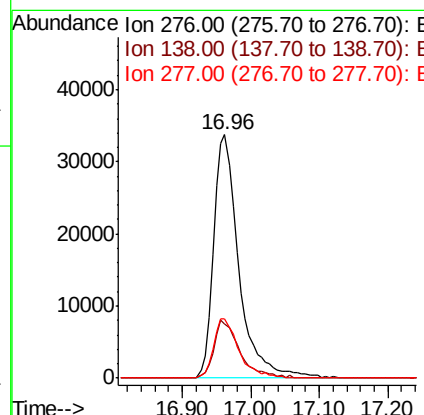
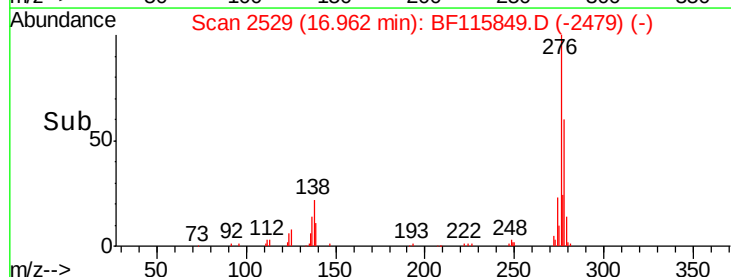
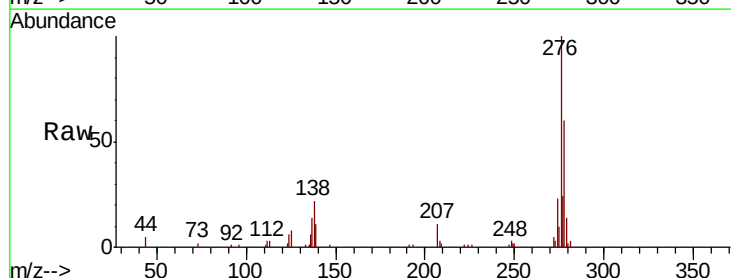
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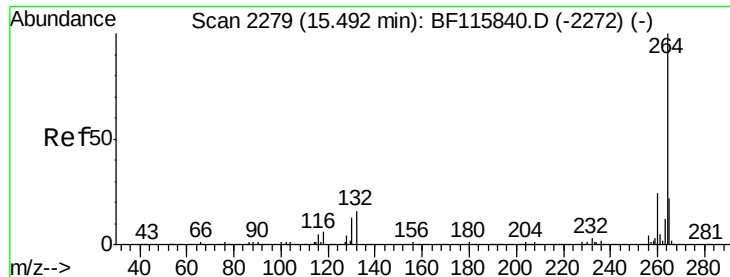
mohammad
8/1/2019 5:05:56 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.536 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.6	29.4
277	24.4	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

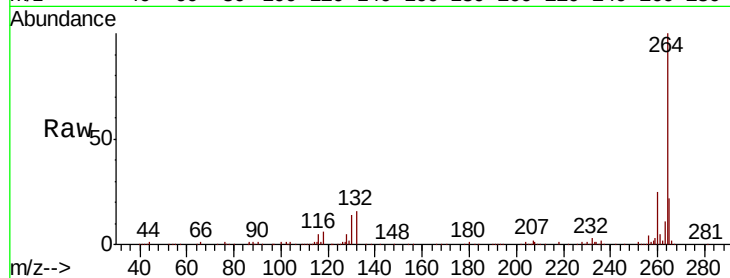
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

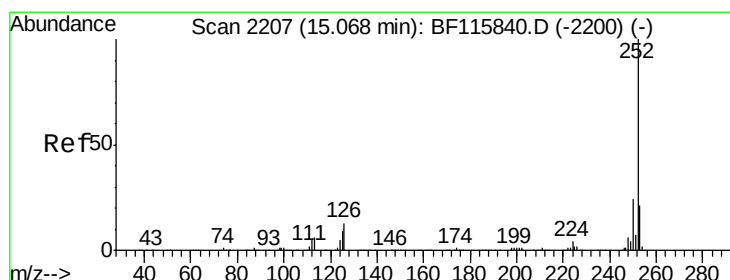
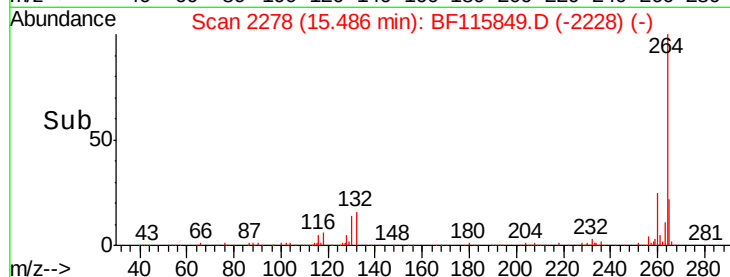
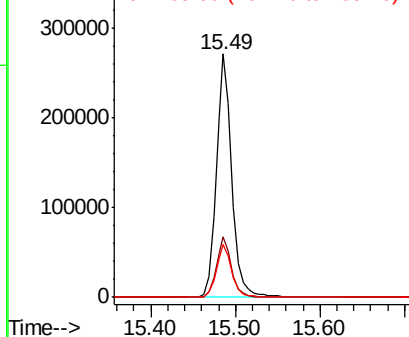
Tot Ion:	264	Resp:	350284
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	21.6	17.5	26.3

Manual Integrations
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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: 4.695 ng

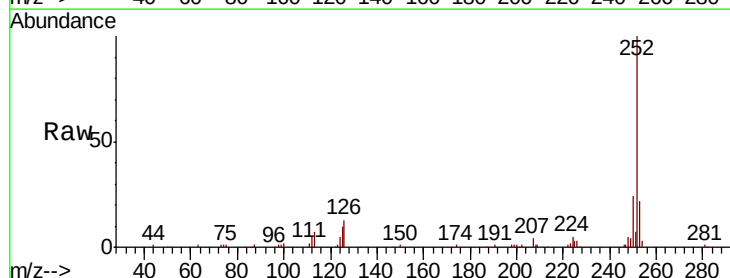
RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

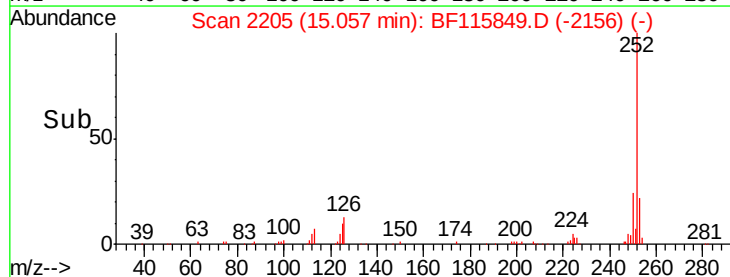
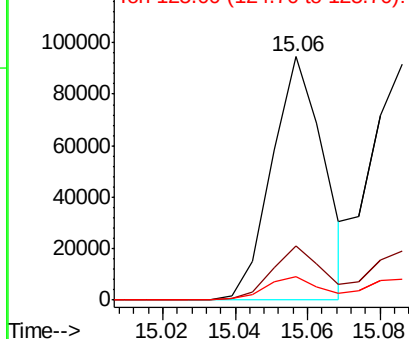
Lab File: BF115849.D

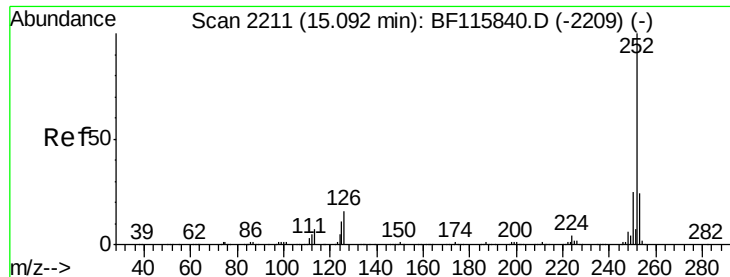
Acq: 30 Jul 2019 18:35

Tgt Ion:	252	Resp:	95097
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	9.8	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





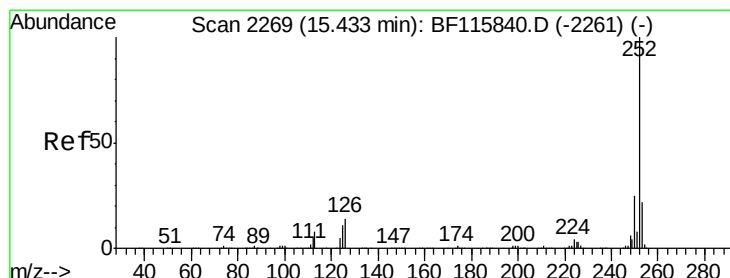
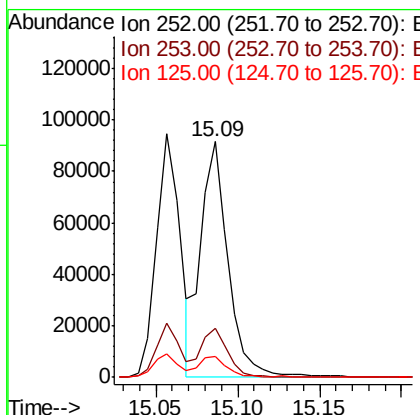
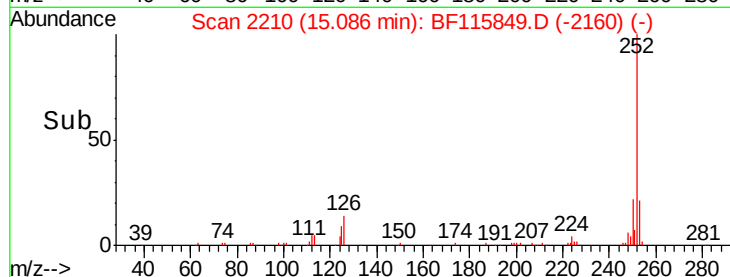
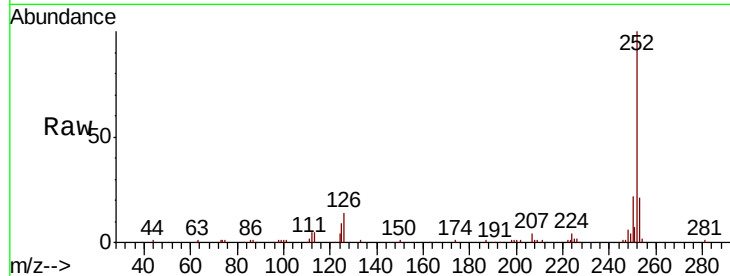
#89
Benzo(k)fluoranthene
Concen: 5.418 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	8.8	8.9	13.3

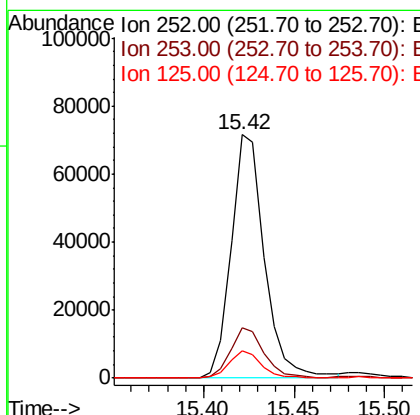
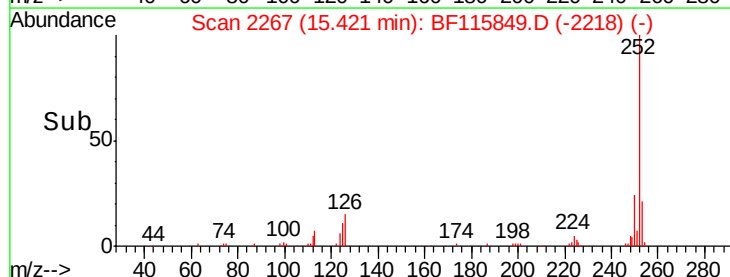
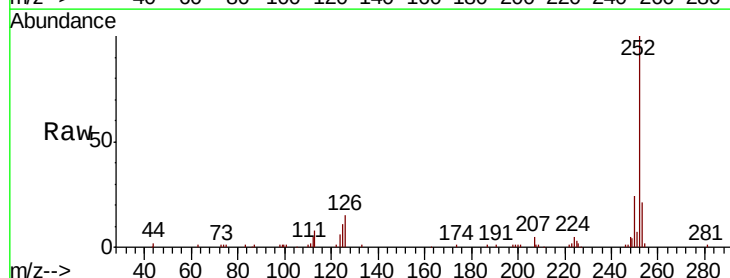
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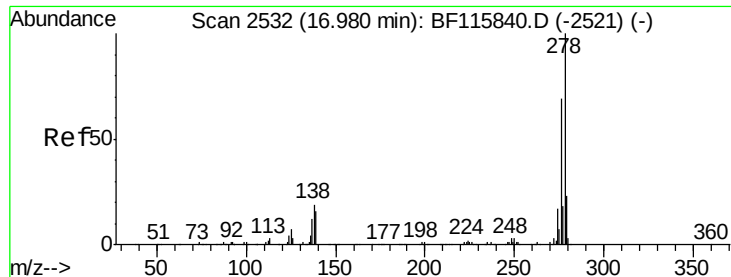
mohammad
8/1/2019 5:05:56 PM



#90
Benzo(a)pyrene
Concen: 5.051 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	11.3	8.8	13.2





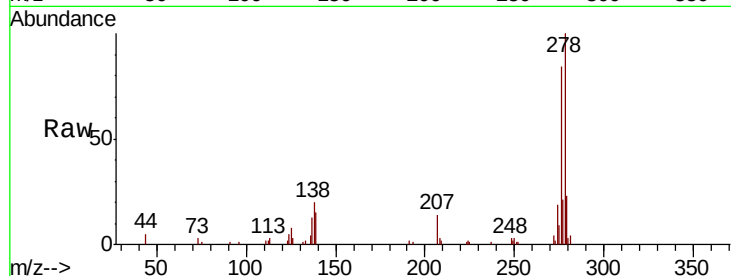
#91
Dibenzo(a,h)anthracene
Concen: 4.534 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

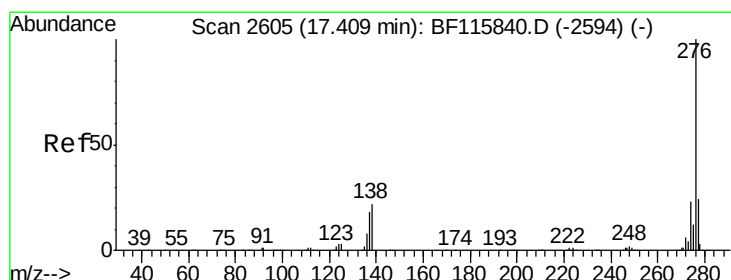
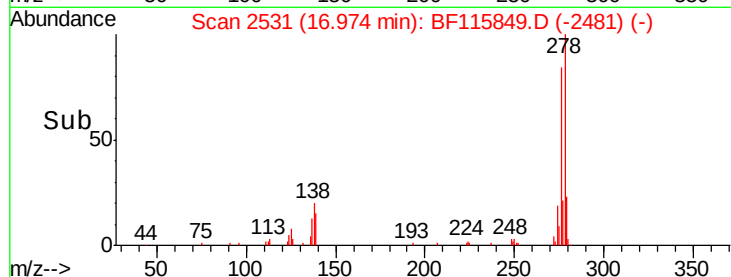
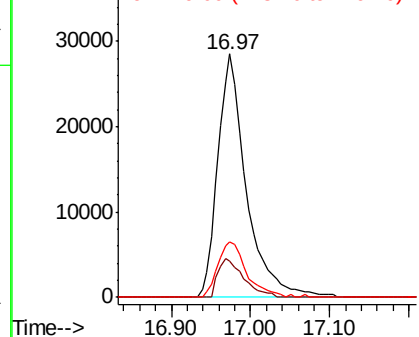
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.6	19.0
279	22.9	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:56 PM

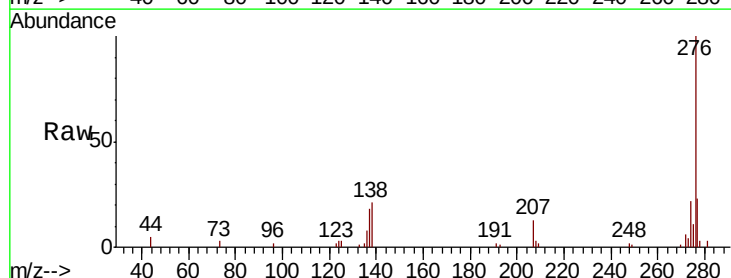


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.521 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	21.1	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

