

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115735.D
 Acq On : 23 Jul 2019 22:36
 Operator : HP/JU
 Sample : K3926-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Quant Time: Jul 24 04:59:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

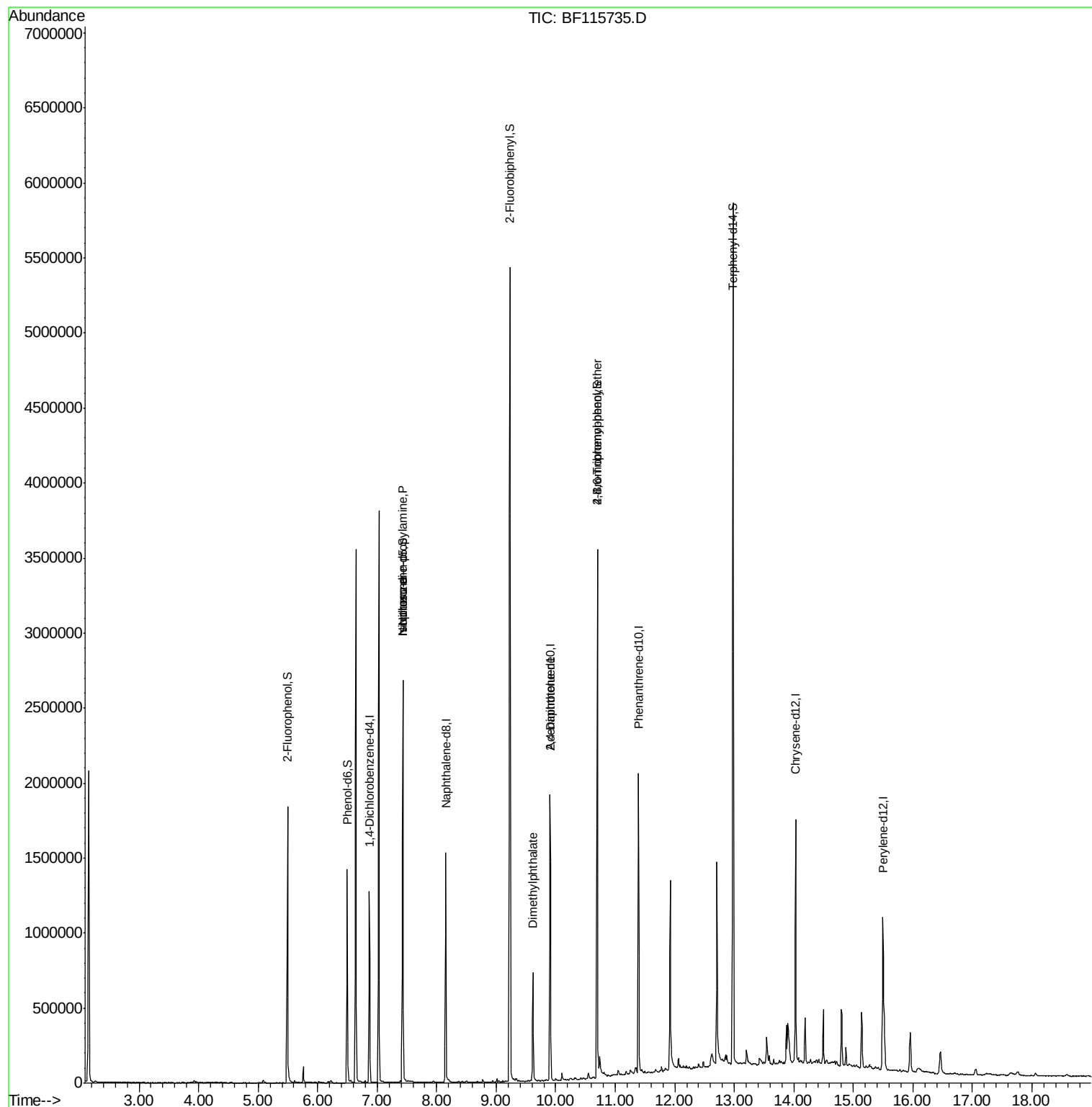
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175820	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	687368	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	382850	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	700858	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	529843	20.00	ng	-0.02
87) Perylene-d12	15.50	264	479552	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	568667	52.90	ng	-0.01
7) Phenol-d6	6.49	99	465791	34.15	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1045052	88.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	516233	115.52	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1850517	84.60	ng	-0.02
79) Terphenyl-d14	12.98	244	2331735	81.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	141010	15.852	ng	# 78
25) Isophorone	7.43	82	1029503	43.522	ng	# 64
50) Dimethylphthalate	9.62	163	265648	9.222	ng	98
57) 2,4-Dinitrotoluene	9.90	165	49405	5.826	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	31421	3.923	ng	# 1

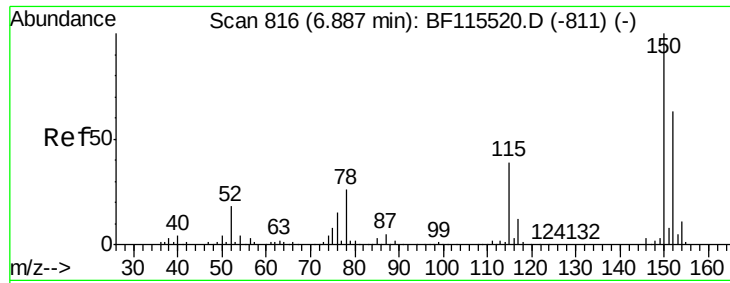
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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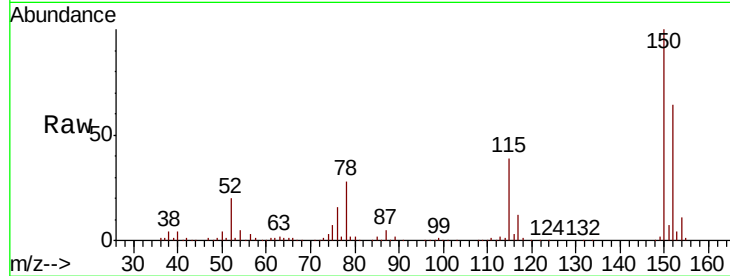


#1

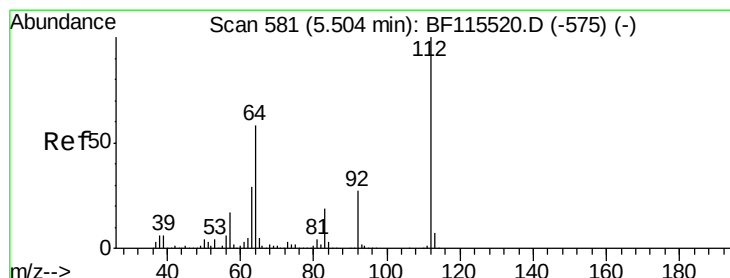
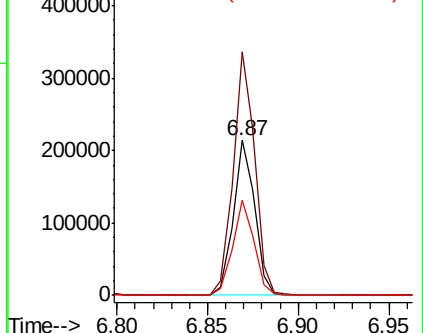
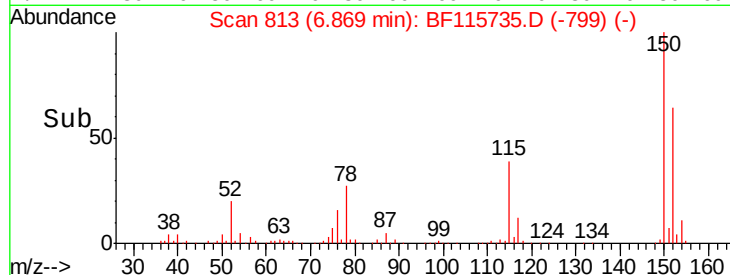
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Instrument :
 BNA_F
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Tgt Ion:152 Resp: 175820
 Ion Ratio Lower Upper
 152 100
 150 156.9 129.7 194.5
 115 61.2 48.2 72.4



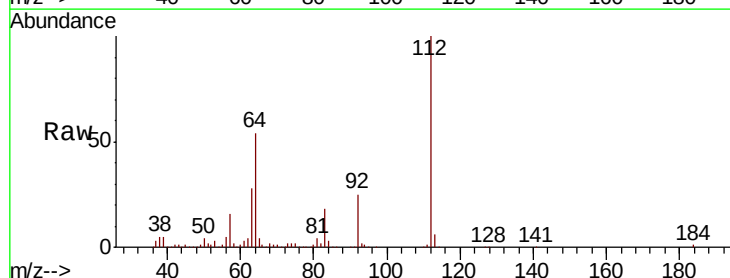
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



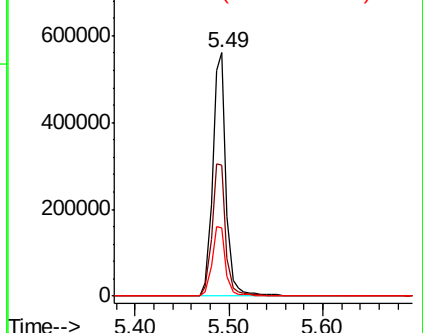
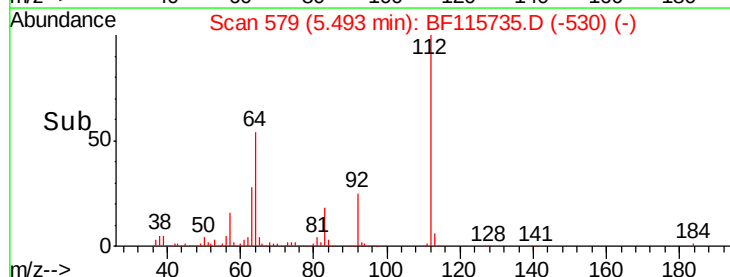
#5

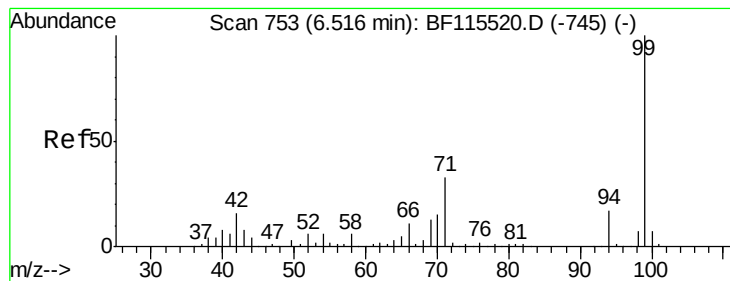
2-Fluorophenol
 Concen: 52.905 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Tgt Ion:112 Resp: 568667
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.8 70.2
 63 28.1 24.1 36.1



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





#7

Phenol-d6

Concen: 34.151 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

Instrument :

BNA_F

ClientSampleId :

POLY-TANK-GROUNDWATER

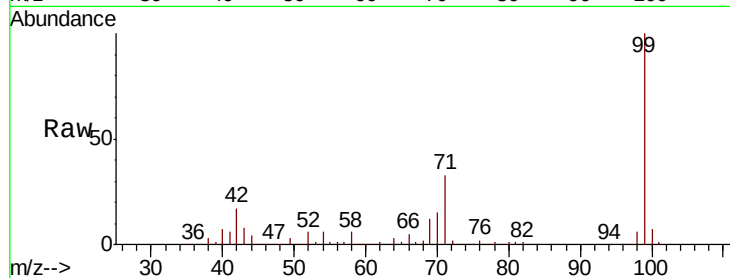
Tgt Ion: 99 Resp: 465791

Ion Ratio Lower Upper

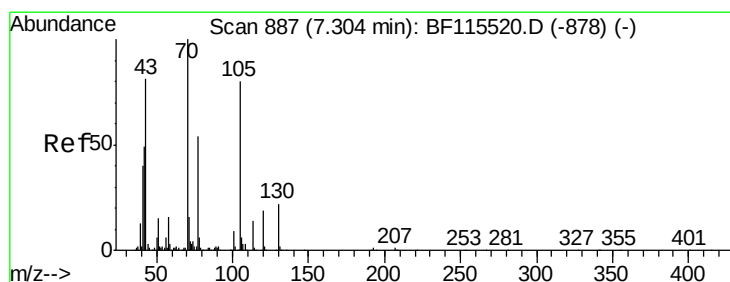
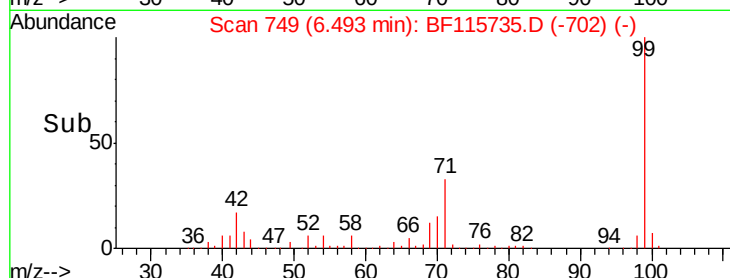
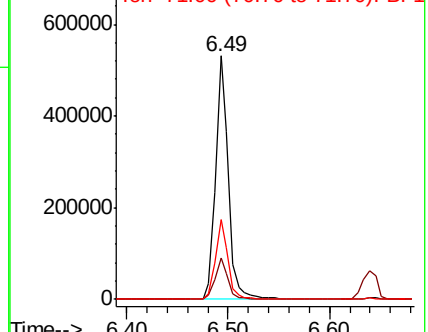
99 100

42 17.0 13.6 20.4

71 32.5 28.5 42.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.852 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

Tgt Ion: 70 Resp: 141010

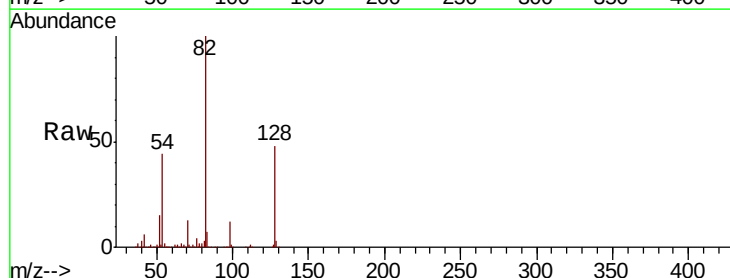
Ion Ratio Lower Upper

70 100

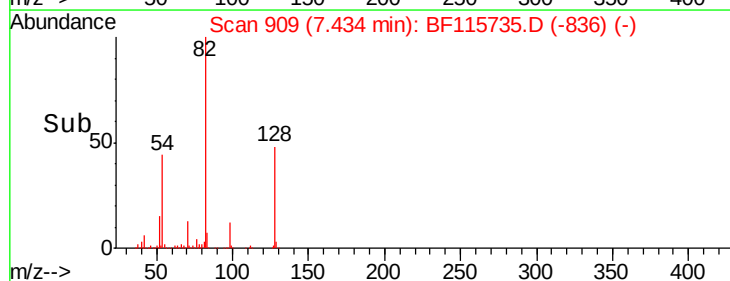
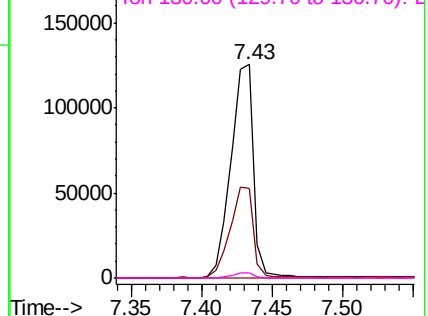
42 41.9 39.6 59.4

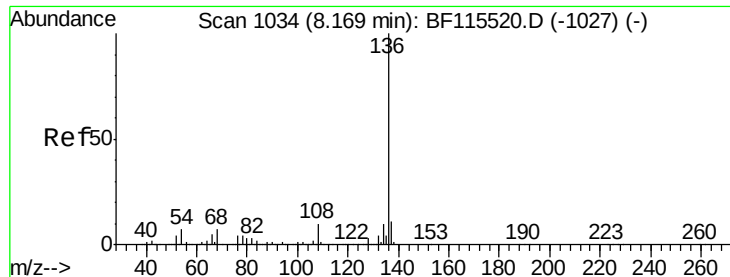
101 0.0 8.1 12.1#

130 2.4 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

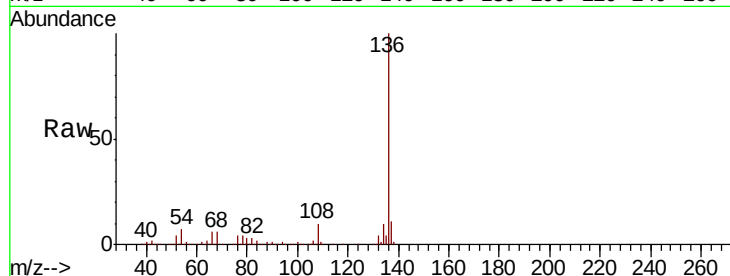




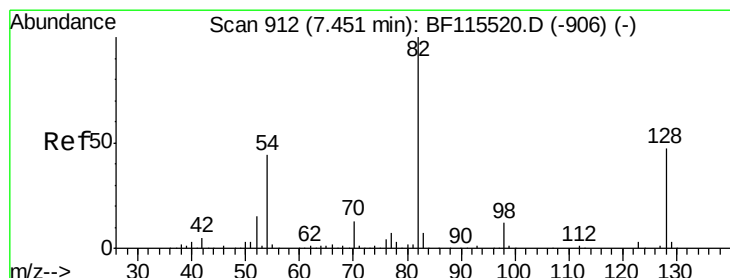
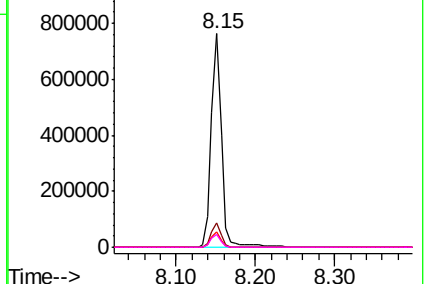
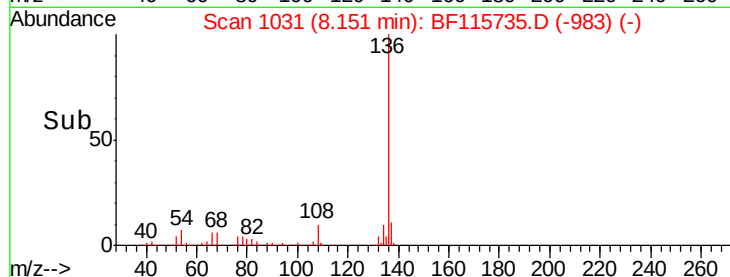
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Instrument :
BNA_F
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POLY-TANK-GROUNDWATER

Tgt Ion:	136	Resp:	687368
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.2	5.6	8.4
68	6.2	5.0	7.6

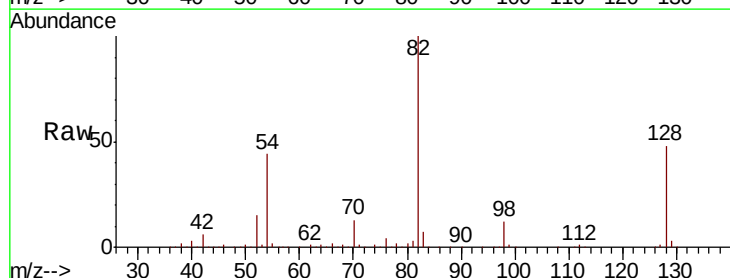


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

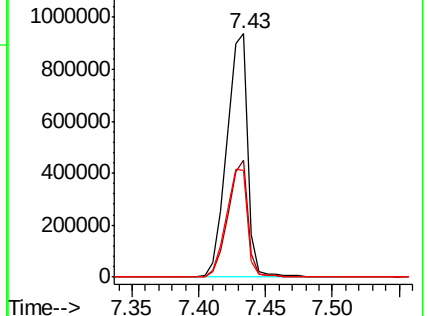
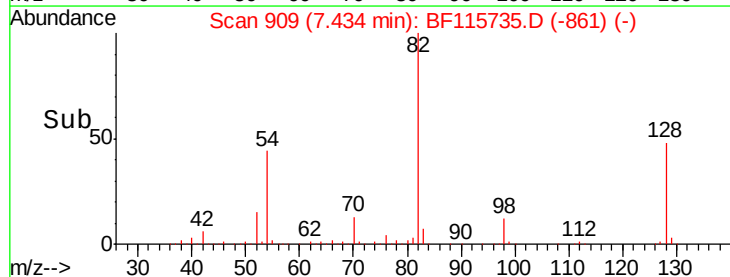


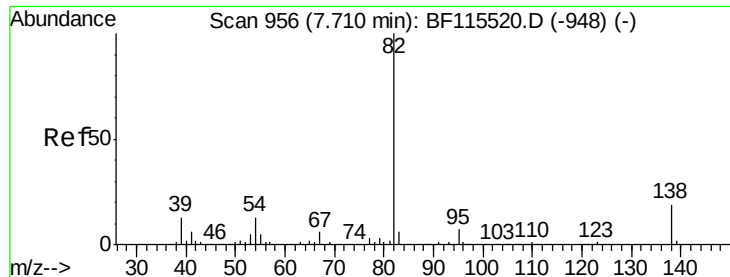
#23
Nitrobenzene-d5
Concen: 88.404 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Tgt Ion:	82	Resp:	1045052
Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.6	57.8
54	44.0	35.6	53.4



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





#25

Isophorone

Concen: 43.522 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

Instrument :

BNA_F

ClientSampleId :

POLY-TANK-GROUNDWATER

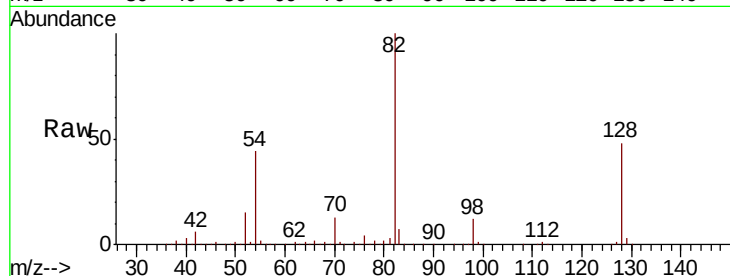
Tgt Ion: 82 Resp: 1029503

Ion Ratio Lower Upper

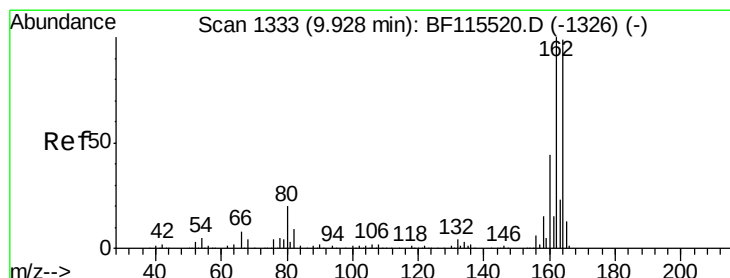
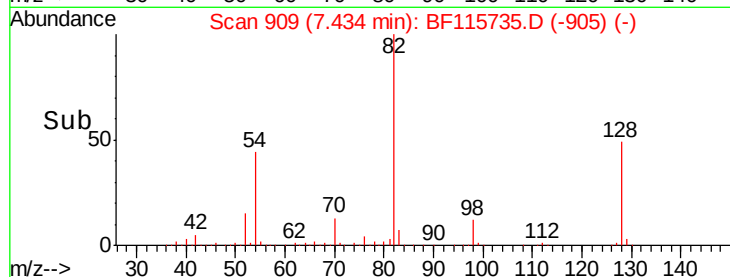
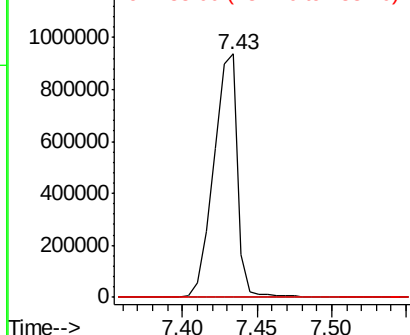
82 100

95 0.0 5.5 8.3#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

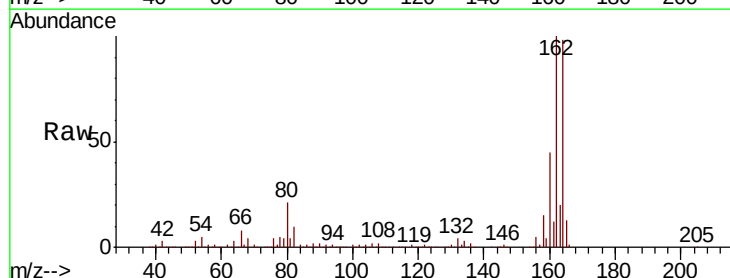
Tgt Ion: 164 Resp: 382850

Ion Ratio Lower Upper

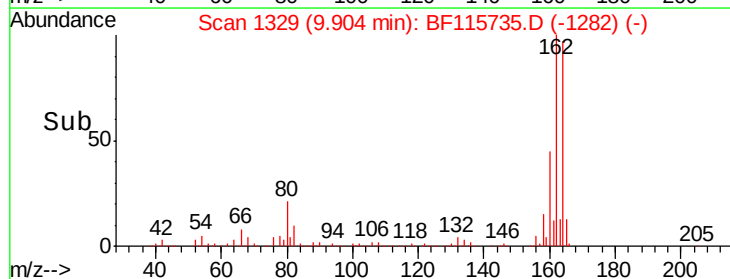
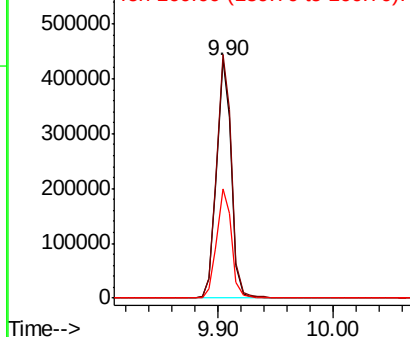
164 100

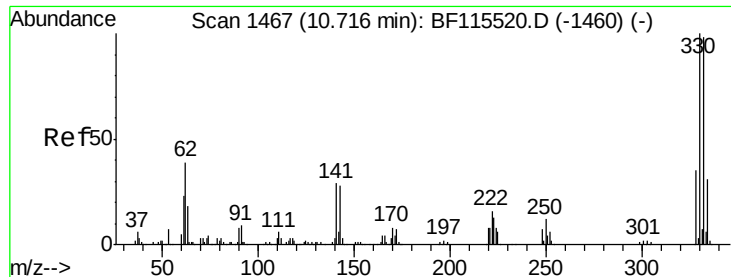
162 102.3 82.9 124.3

160 46.0 36.8 55.2



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

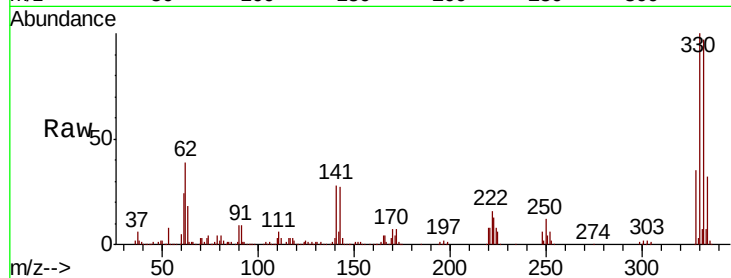




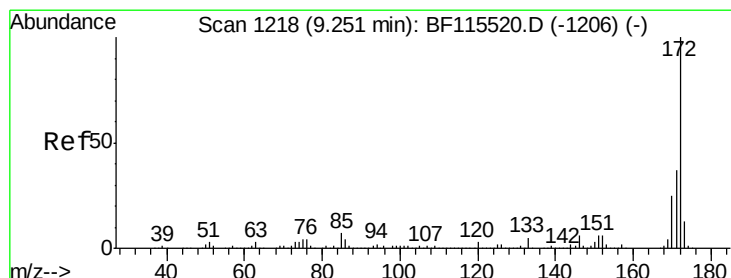
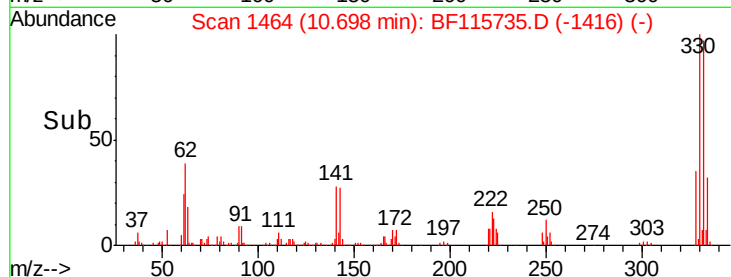
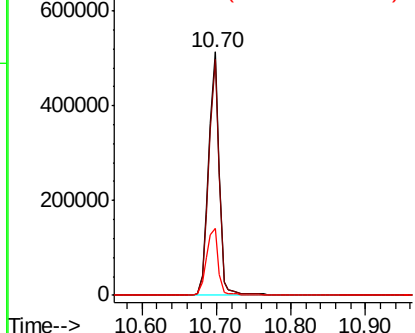
#42
 2,4,6-Tribromophenol
 Concen: 115.520 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Instrument :
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 POLY-TANK-GROUNDWATER

Tgt Ion:330 Resp: 516233
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 30.8 22.4 33.6

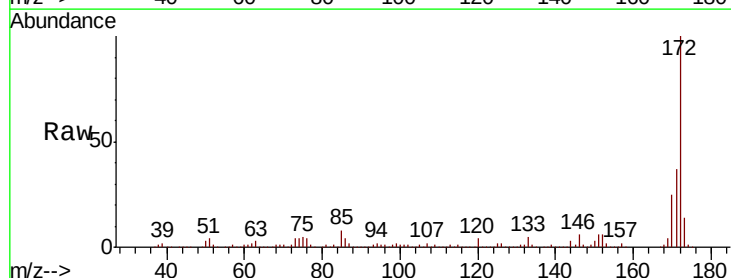


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

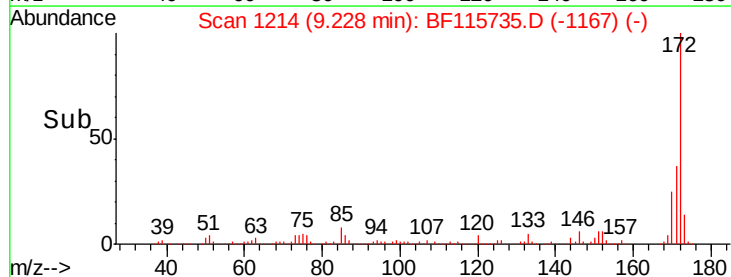
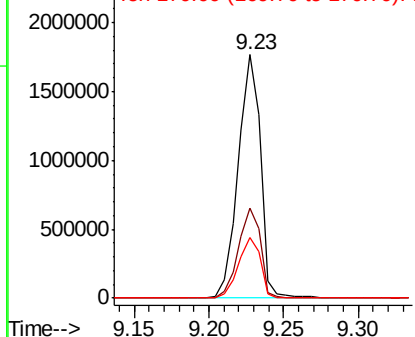


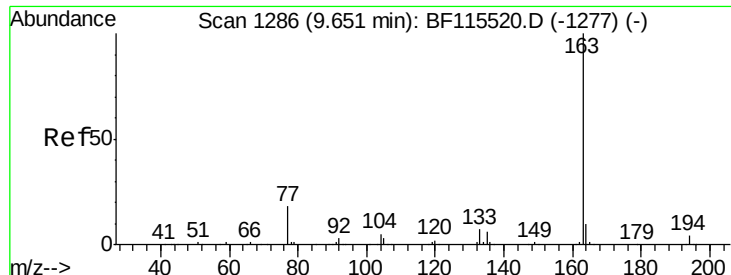
#45
 2-Fluorobiphenyl
 Concen: 84.600 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Tgt Ion:172 Resp: 1850517
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 46.0
 170 25.0 20.5 30.7



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

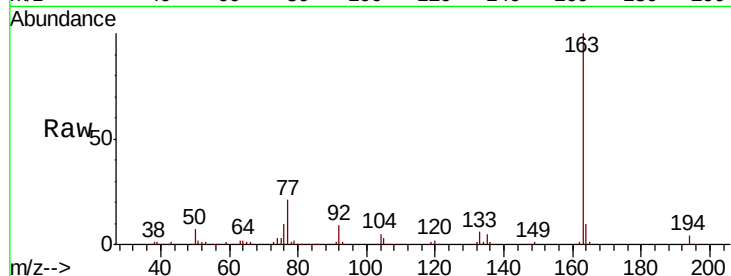




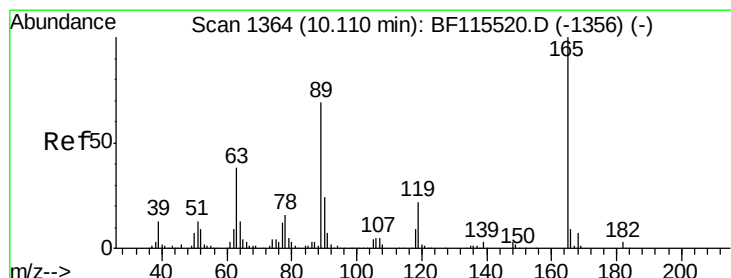
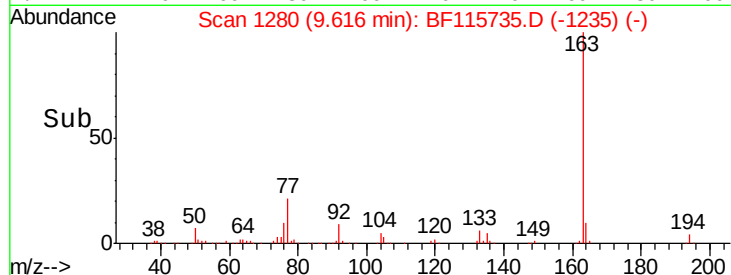
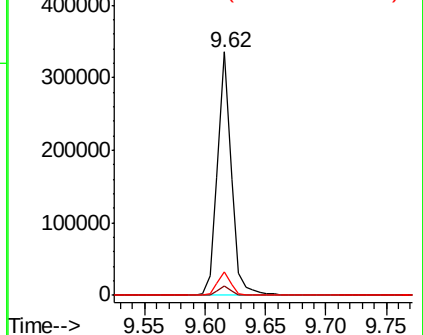
#50
Dimethylphthalate
Concen: 9.222 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Instrument :
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POLY-TANK-GROUNDWATER

Tgt Ion:163 Resp: 265648
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.7 13.1

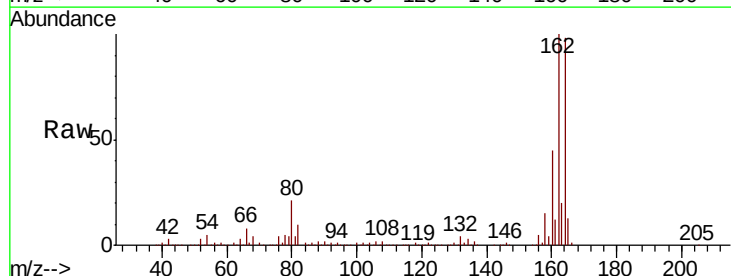


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

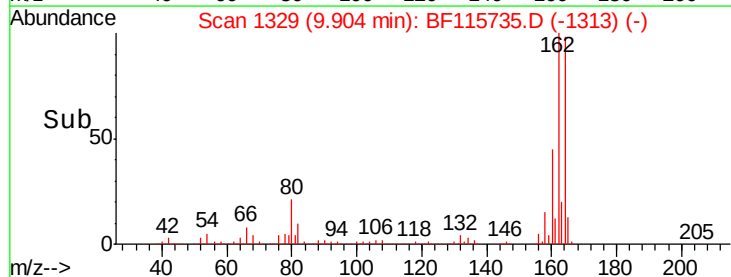
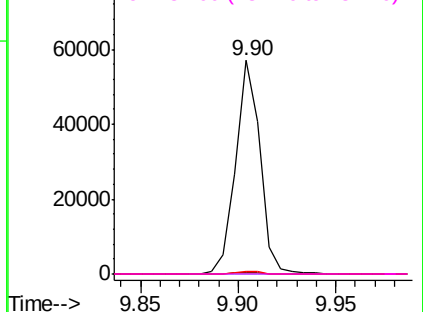


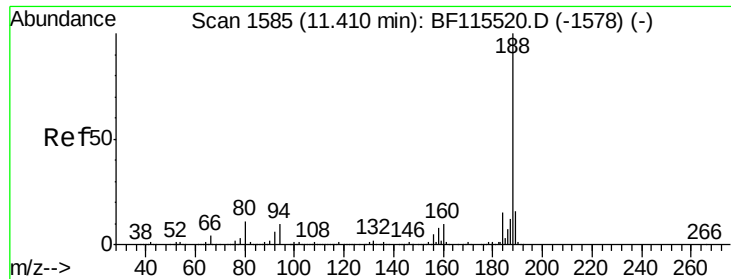
#57
2,4-Dinitrotoluene
Concen: 5.826 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Tgt Ion:165 Resp: 49405
Ion Ratio Lower Upper
165 100
63 0.8 34.9 52.3#
89 1.3 57.5 86.3#
182 0.0 2.2 3.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

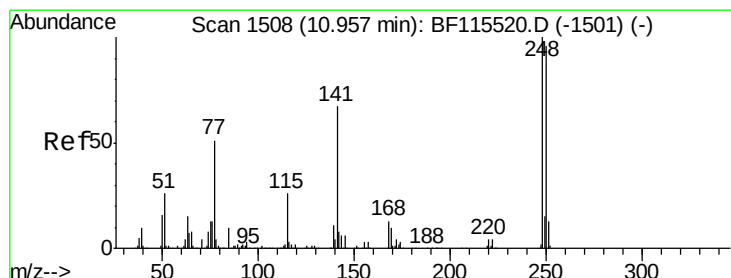
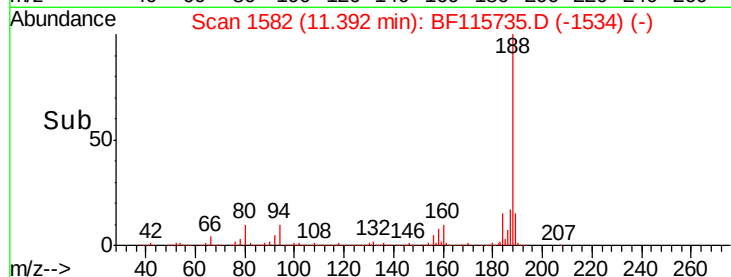
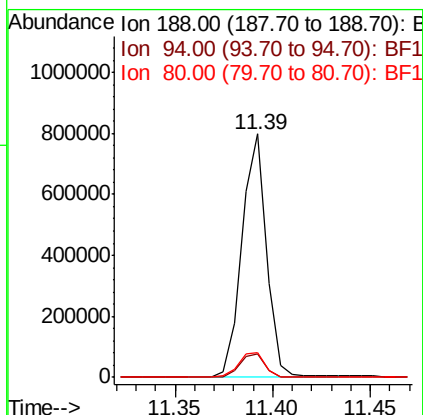
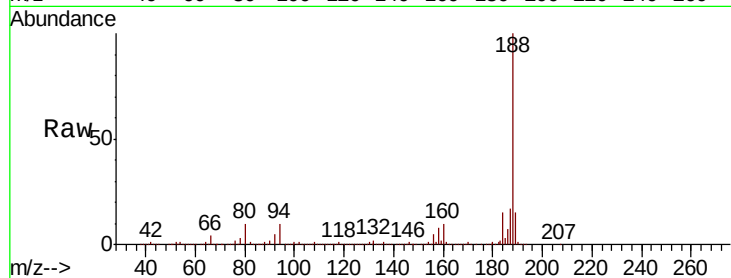




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

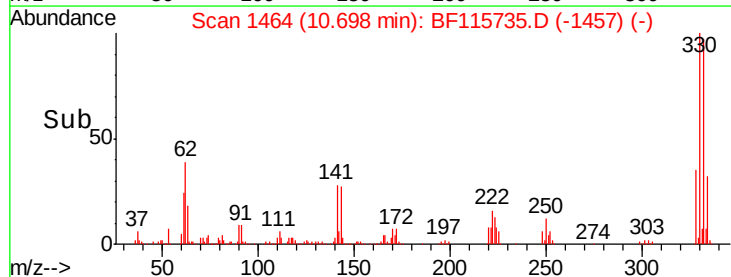
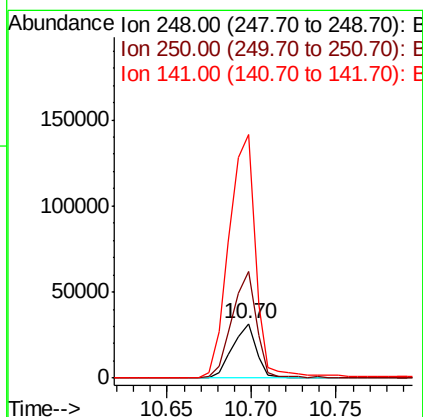
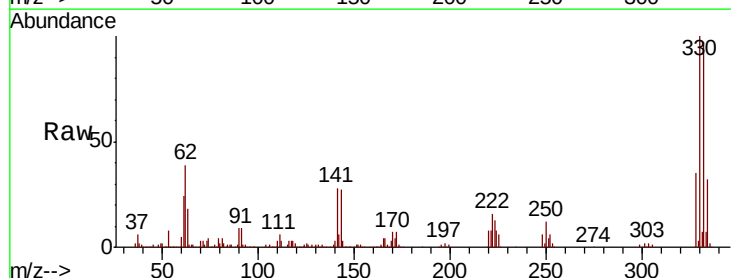
Instrument :
 BNA_F
 ClientSampleId :
 POLY-TANK-GROUNDWATER

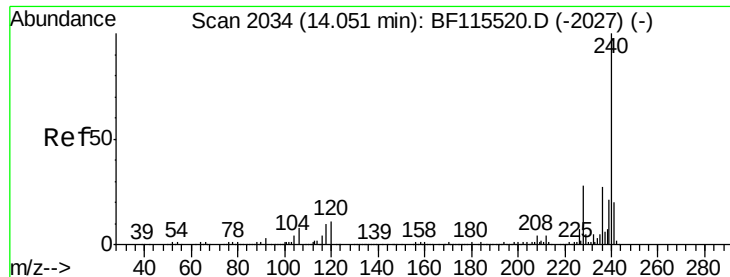
Tgt Ion:188 Resp: 700858
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.8 11.6
 80 10.1 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.923 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Tgt Ion:248 Resp: 31421
 Ion Ratio Lower Upper
 248 100
 250 197.2 78.0 117.0#
 141 448.9 57.7 86.5#

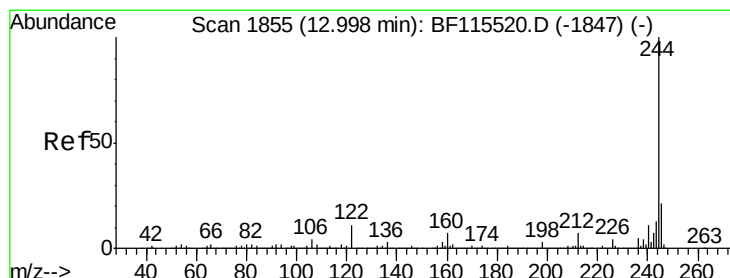
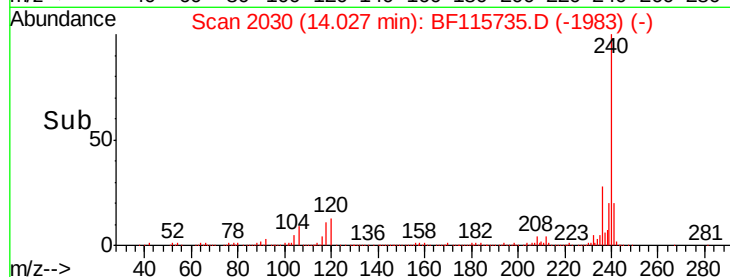
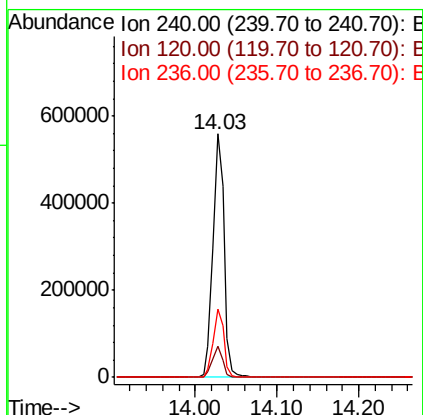
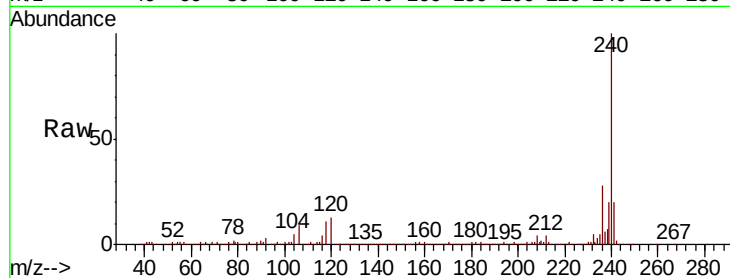




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

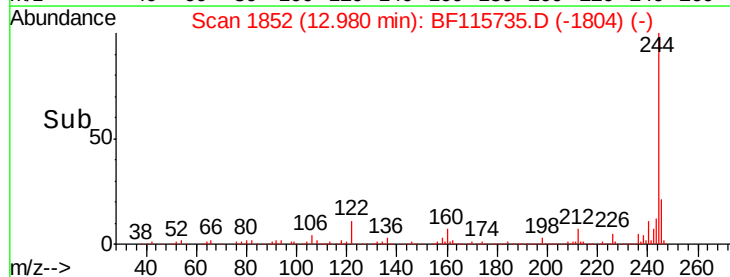
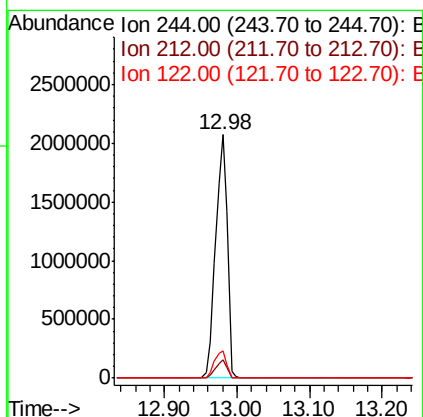
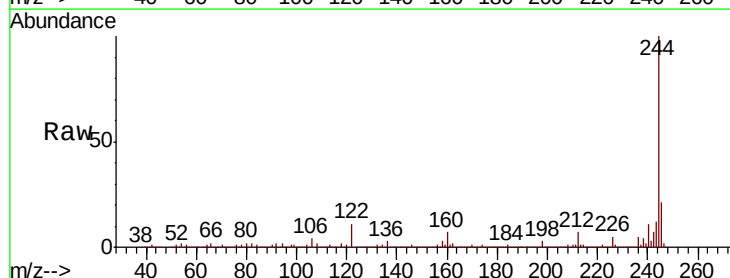
Instrument :
BNA_F
ClientSampleId :
POLY-TANK-GROUNDWATER

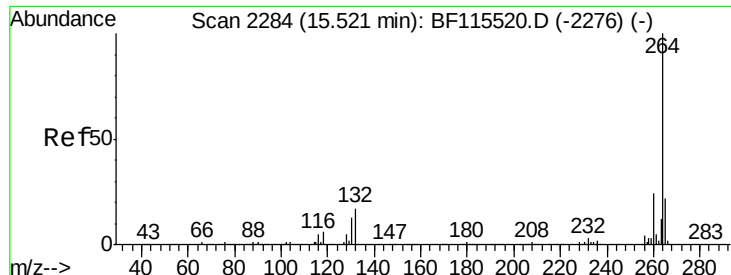
Tgt Ion:240 Resp: 529843
Ion Ratio Lower Upper
240 100
120 12.8 8.6 13.0
236 27.9 21.3 31.9



#79
Terphenyl-d14
Concen: 81.202 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Tgt Ion:244 Resp: 2331735
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.2 8.6 12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Instrument :
BNA_F
ClientSampleId :
POLY-TANK-GROUNDWATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.7	17.7	26.5

