

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118710.D
 Acq On : 25 Jan 2020 4:58
 Operator : CG/JU
 Sample : L1173-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0048-SITE-WATER

Quant Time: Jan 27 03:21:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

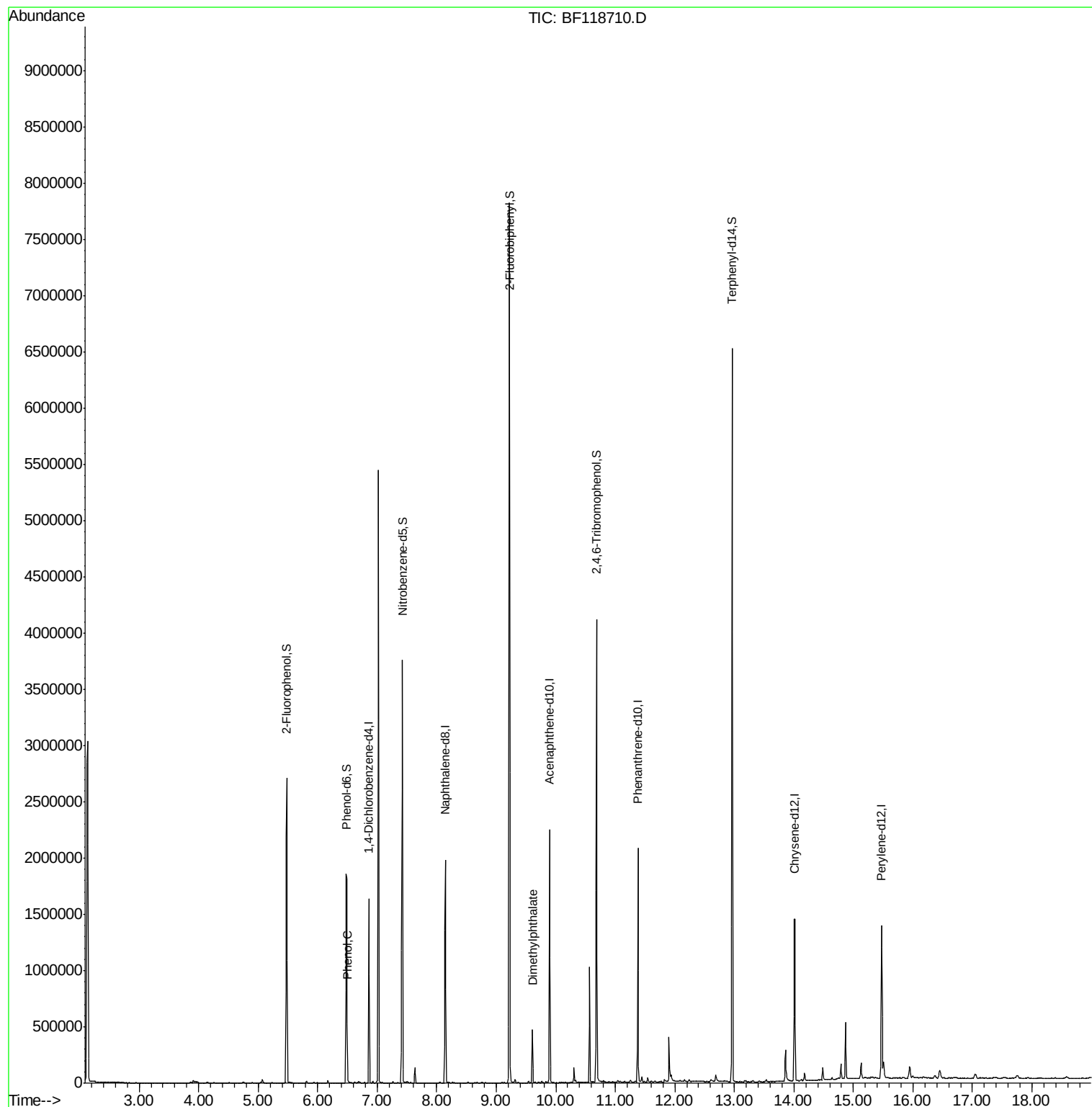
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	232638	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	847762	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	442599	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	718023	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	529328	20.00	ng	-0.03
87) Perylene-d12	15.47	264	645988	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	758128	60.52	ng	-0.02
7) Phenol-d6	6.48	99	670116	41.16	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1215371	80.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	594711	116.17	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2408410	89.44	ng	-0.02
79) Terphenyl-d14	12.96	244	2343644	96.57	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	53580	2.888	ng	92
50) Dimethylphthalate	9.61	163	196535	6.816	ng	96

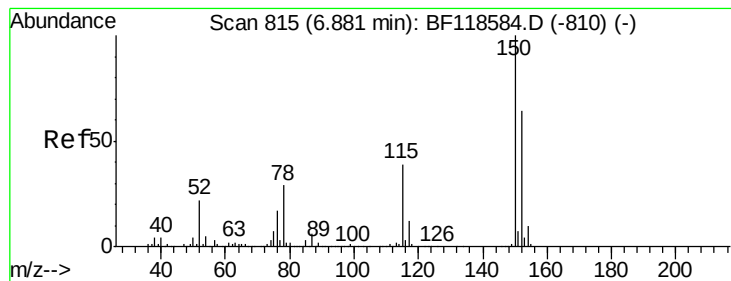
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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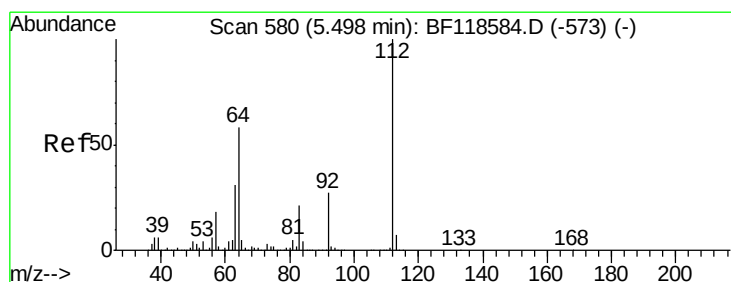
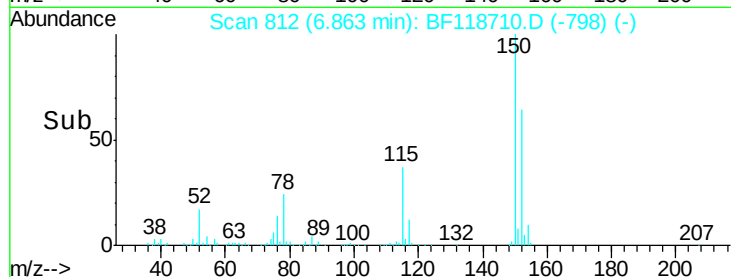
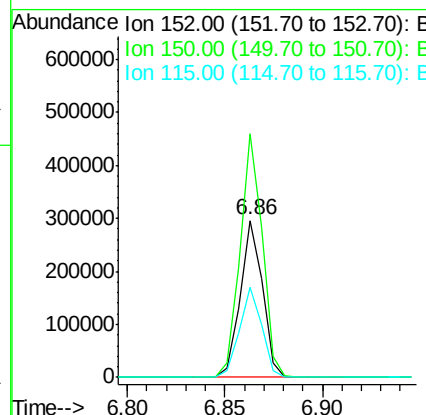
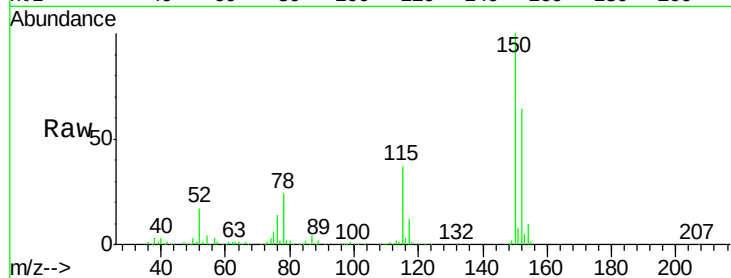


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Instrument :
BNA_F
ClientSampleId :
0048-SITE-WATER

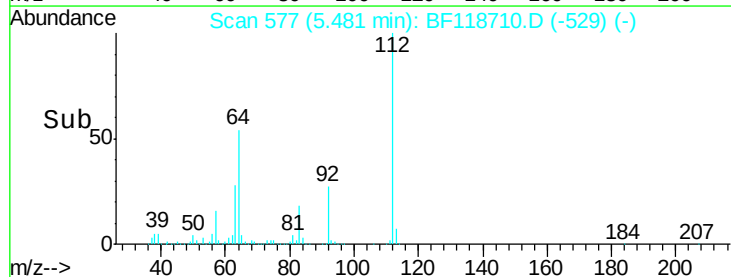
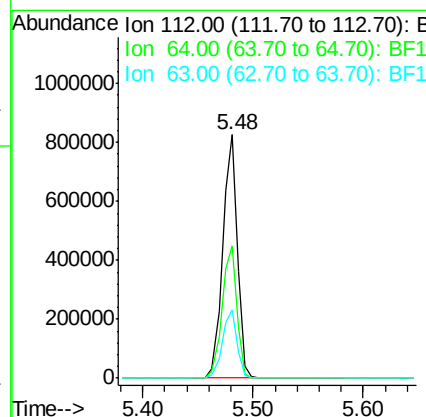
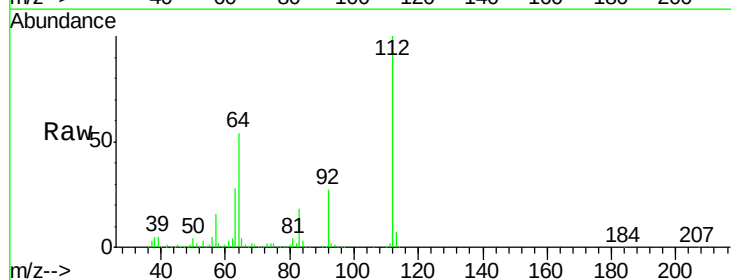
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.6	188.4
115	57.3	48.4	72.6

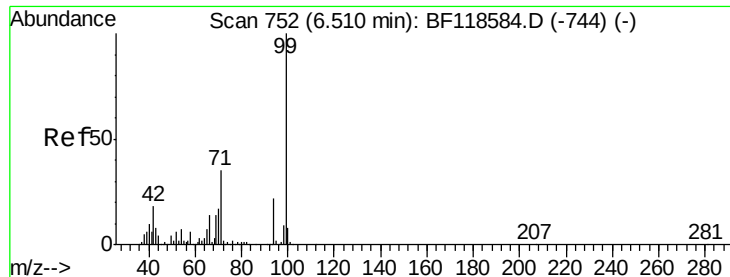


#5

2-Fluorophenol
Concen: 60.525 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.6	70.0
63	28.0	25.1	37.7





#7

Phenol-d6

Concen: 41.161 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

BNA_F

ClientSampleId :

0048-SITE-WATER

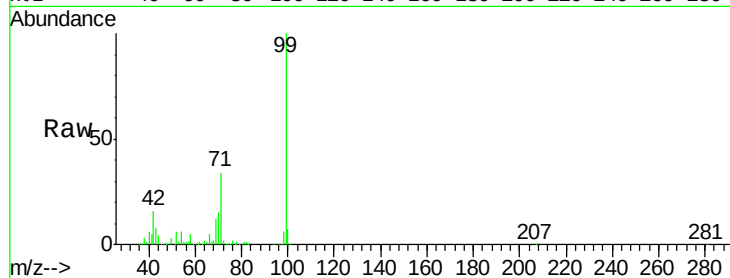
Tot Ion: 99 Resp: 670116

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

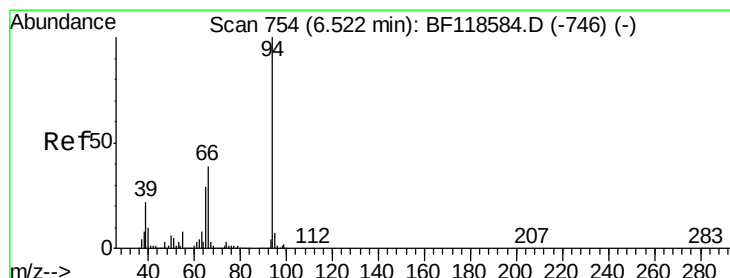
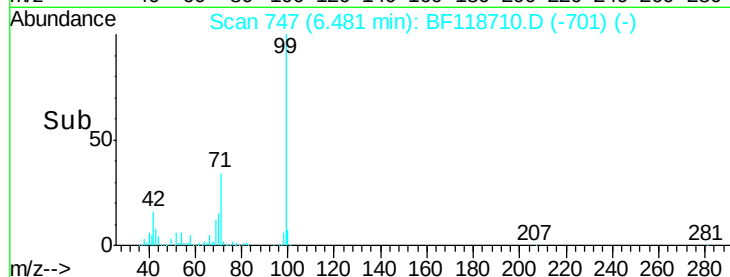
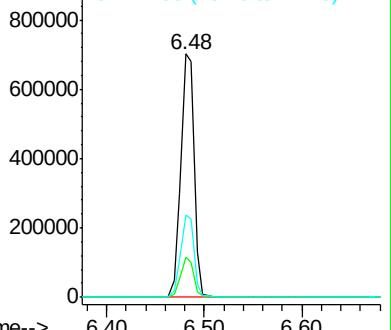
71 33.9 27.8 41.6



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



#10

Phenol

Concen: 2.888 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

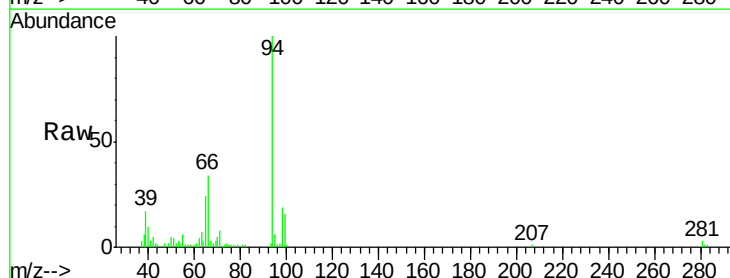
Tgt Ion: 94 Resp: 53580

Ion Ratio Lower Upper

94 100

65 23.7 9.5 49.5

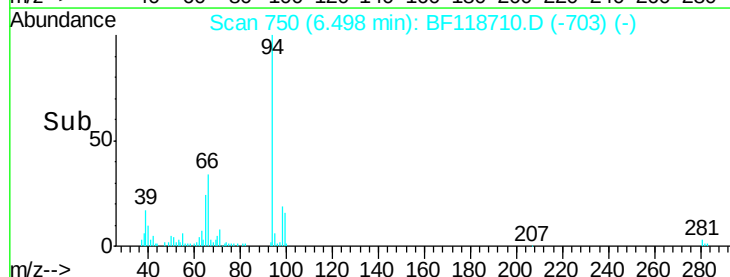
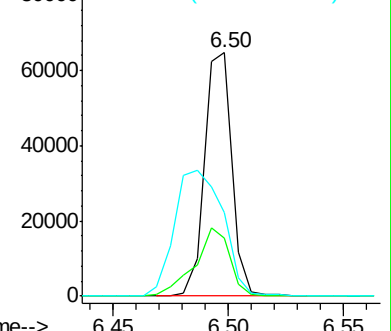
66 34.5 18.5 58.5

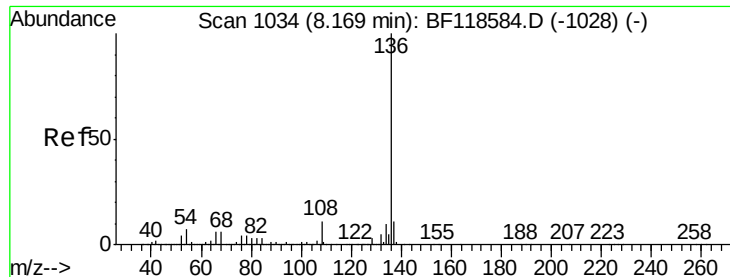


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

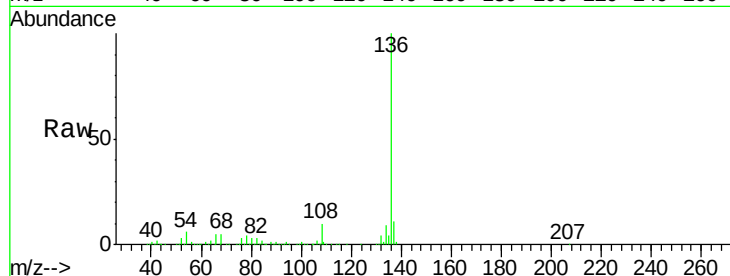




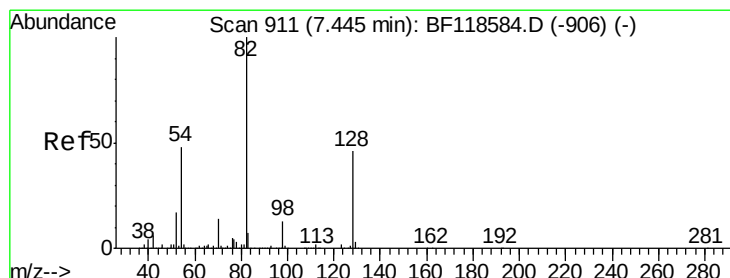
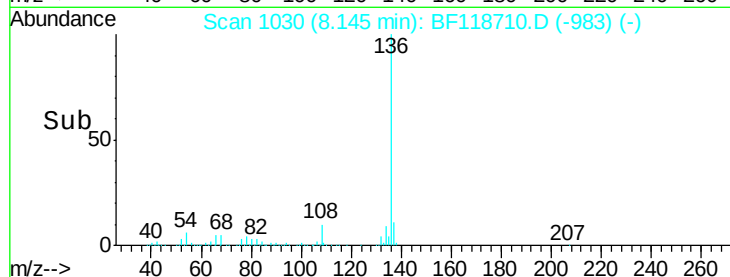
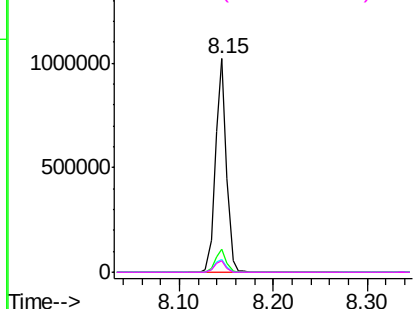
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Instrument :
BNA_F
ClientSampleId :
0048-SITE-WATER

Tot Ion:136	Resp:	847762
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.1	13.7
54 6.3	5.8	8.6
68 5.5	5.0	7.4

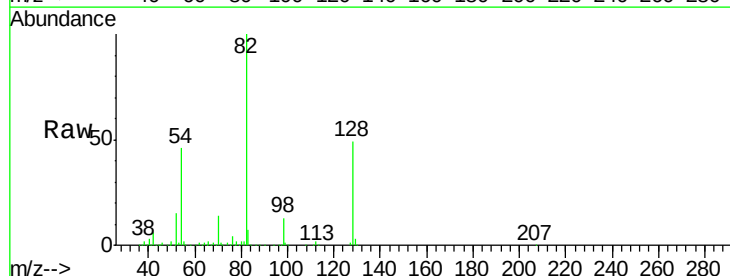


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

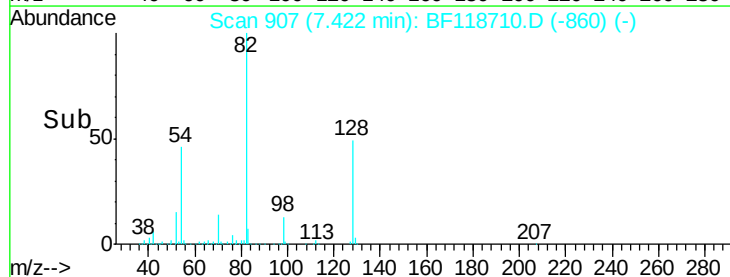
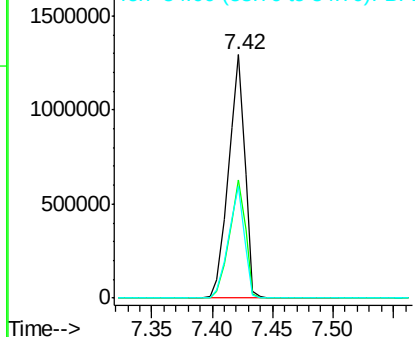


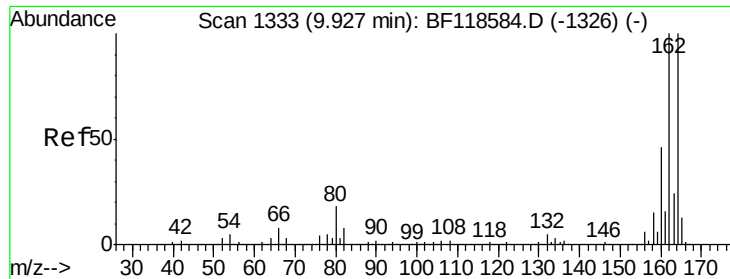
#23
Nitrobenzene-d5
Concen: 80.188 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Tgt Ion: 82	Resp:	1215371
Ion Ratio	Lower	Upper
82 100		
128 48.6	36.6	54.8
54 45.8	38.0	57.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

BNA_F

ClientSampleId :

0048-SITE-WATER

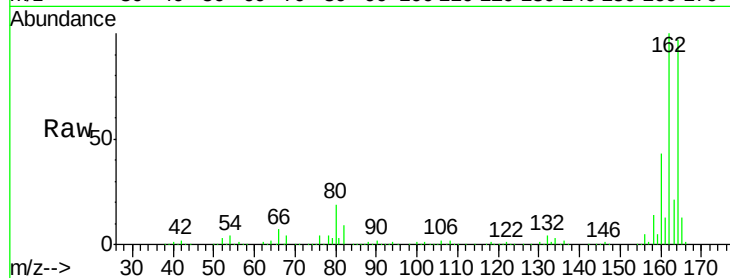
Tot Ion:164 Resp: 442599

Ion Ratio Lower Upper

164 100

162 103.5 80.4 120.6

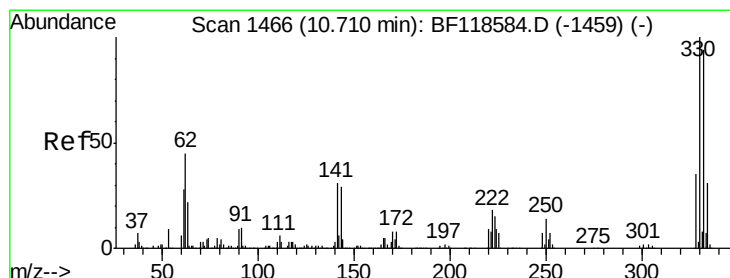
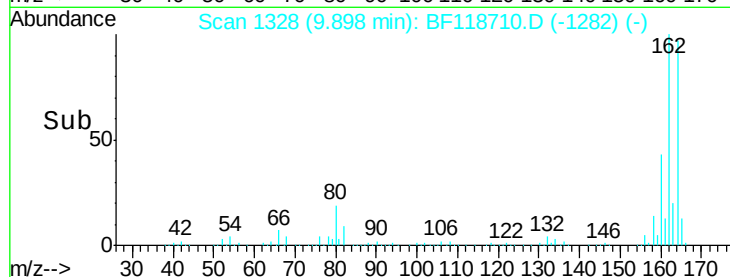
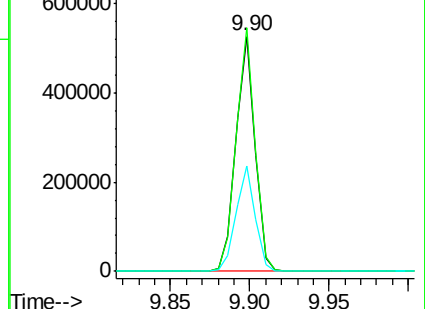
160 45.0 36.6 55.0



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: 116.172 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

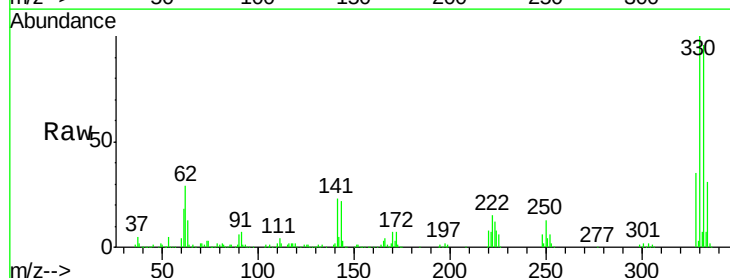
Tgt Ion:330 Resp: 594711

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

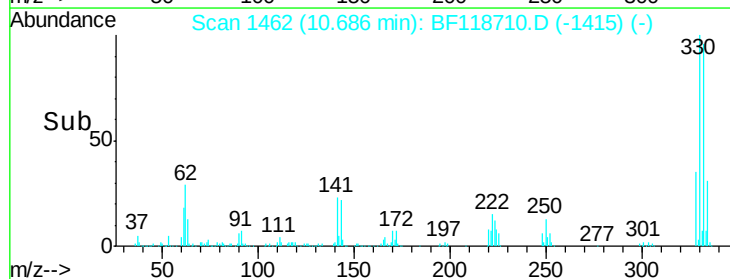
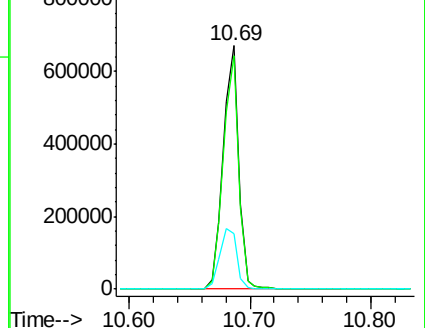
141 27.3 23.9 35.9

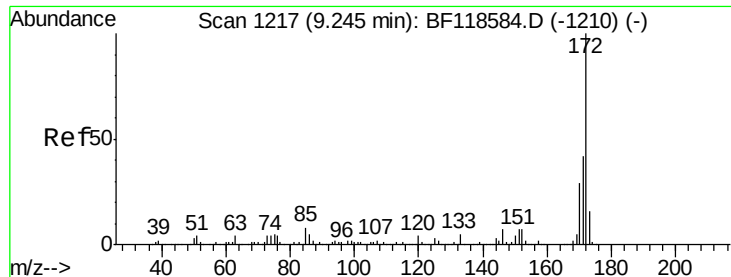


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 89.438 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

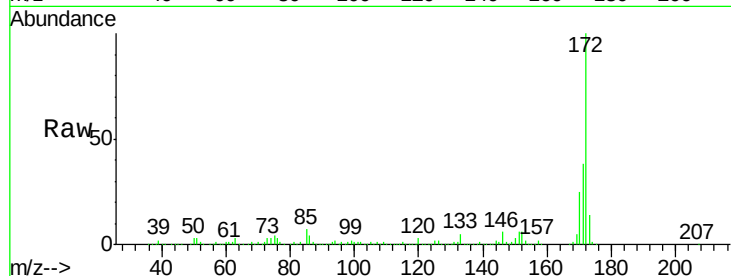
BNA_F

ClientSampleId :

0048-SITE-WATER

Tot Ion:172 Resp: 2408410

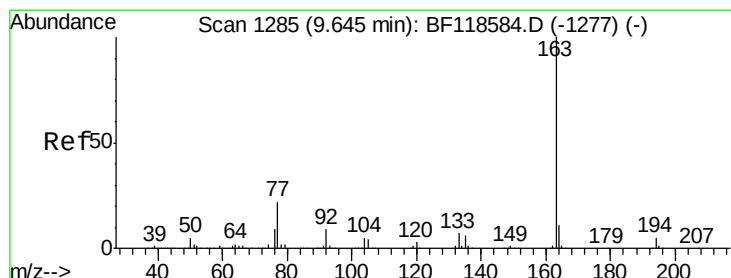
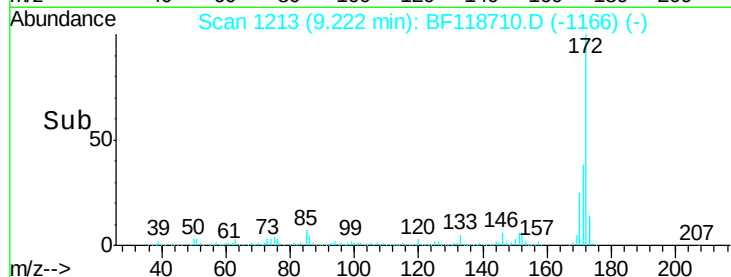
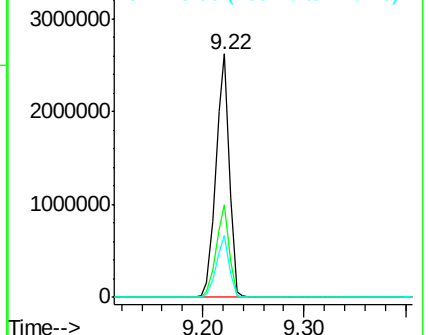
Ion	Ratio	Lower	Upper
172	100		
171	38.0	33.4	50.2
170	25.4	23.2	34.8



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: 6.816 ng

RT: 9.61 min Scan# 1279

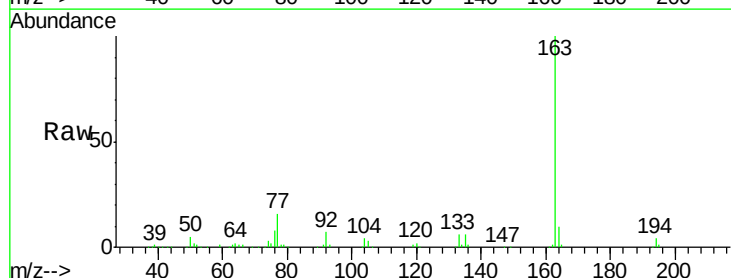
Delta R.T. -0.04 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Tgt Ion:163 Resp: 196535

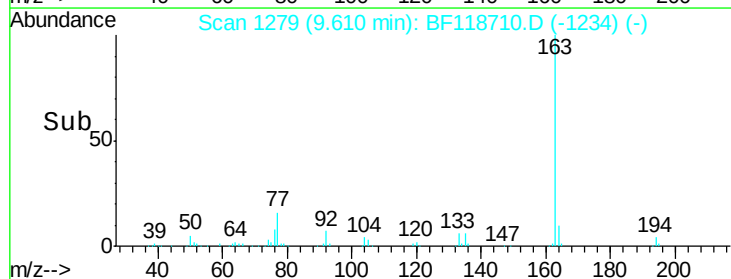
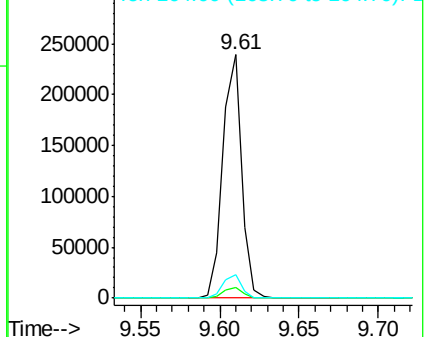
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	9.6	9.1	13.7

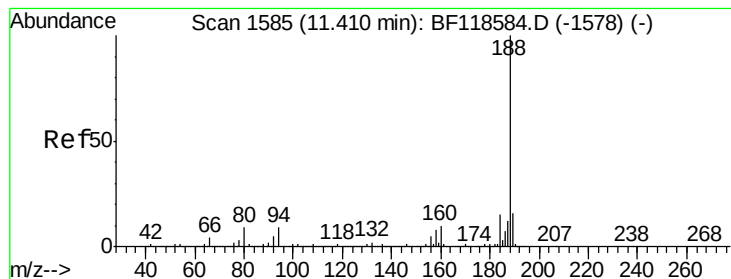


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

BNA_F

ClientSampleId :

0048-SITE-WATER

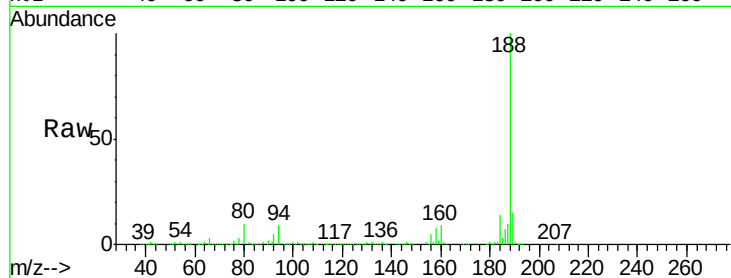
Tot Ion:188 Resp: 718023

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

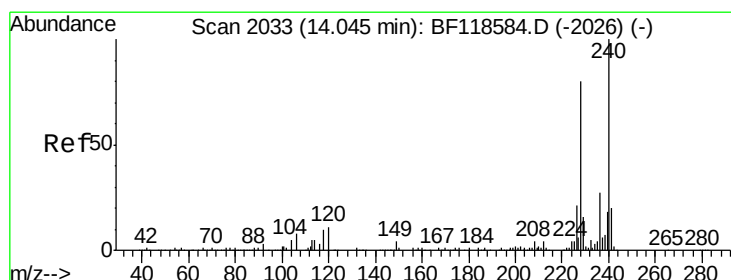
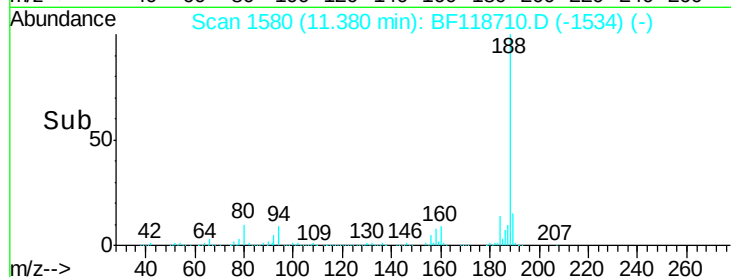
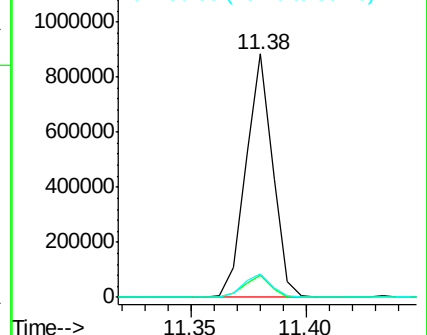
80 9.5 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

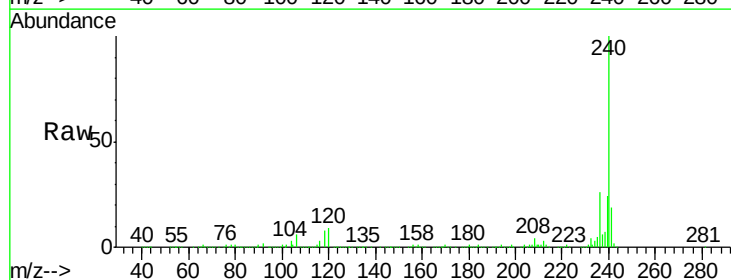
Tgt Ion:240 Resp: 529328

Ion Ratio Lower Upper

240 100

120 9.1 8.9 13.3

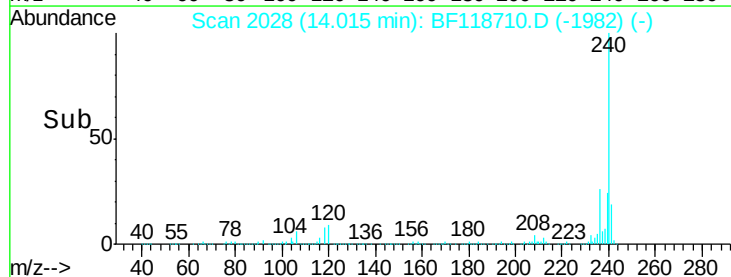
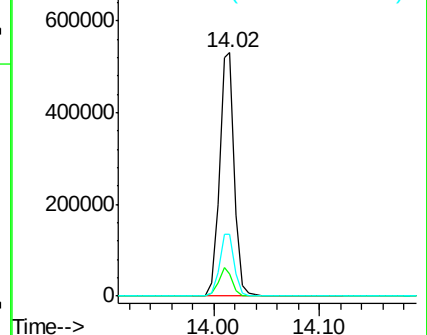
236 25.6 21.5 32.3

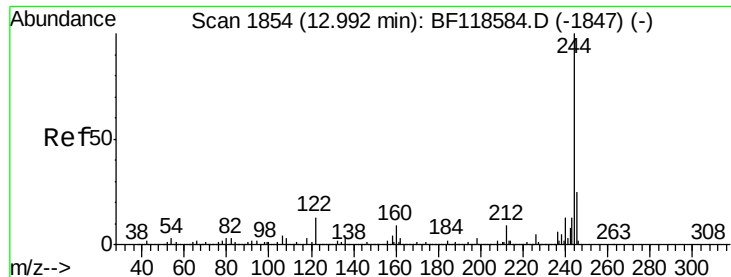


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.570 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

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0048-SITE-WATER

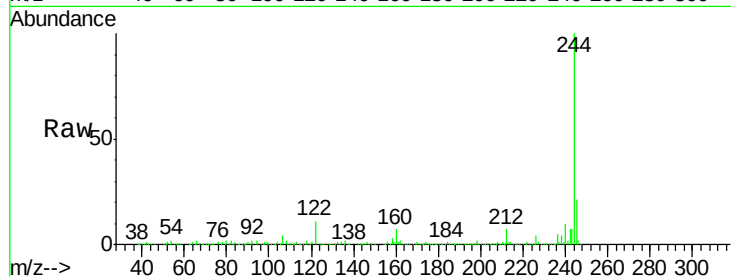
Tot Ion:244 Resp: 2343644

Ion Ratio Lower Upper

244 100

212 7.0 7.0 10.4

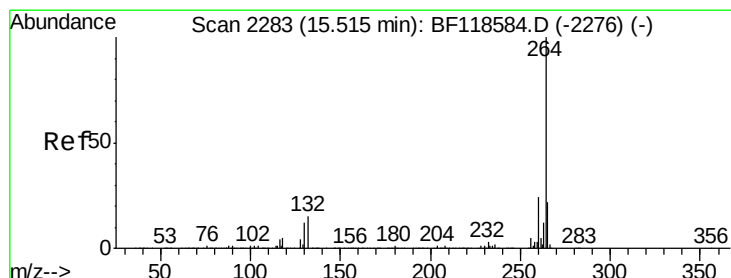
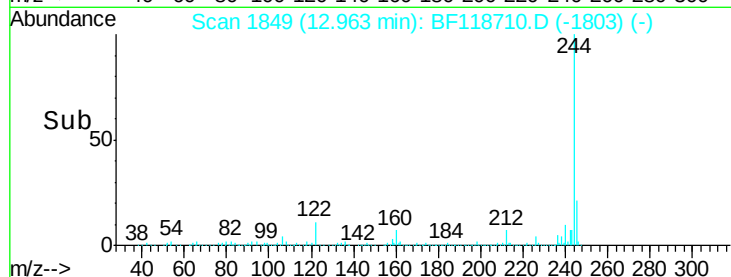
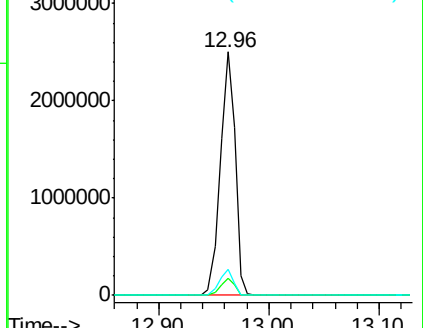
122 10.5 10.7 16.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

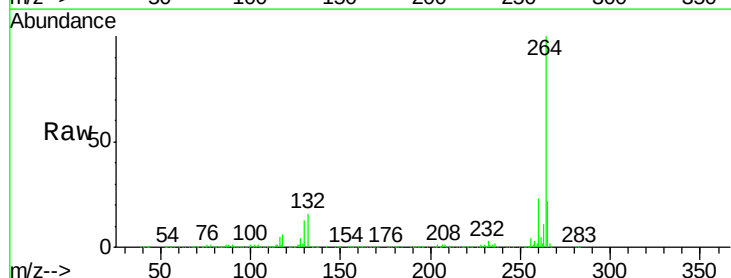
Tgt Ion:264 Resp: 645988

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.6 17.7 26.5



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

