

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115373.D
 Acq On : 2 Jul 2019 21:21
 Operator : HP/JU
 Sample : K3585-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RM-WATER-COMP

Quant Time: Jul 03 07:05:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

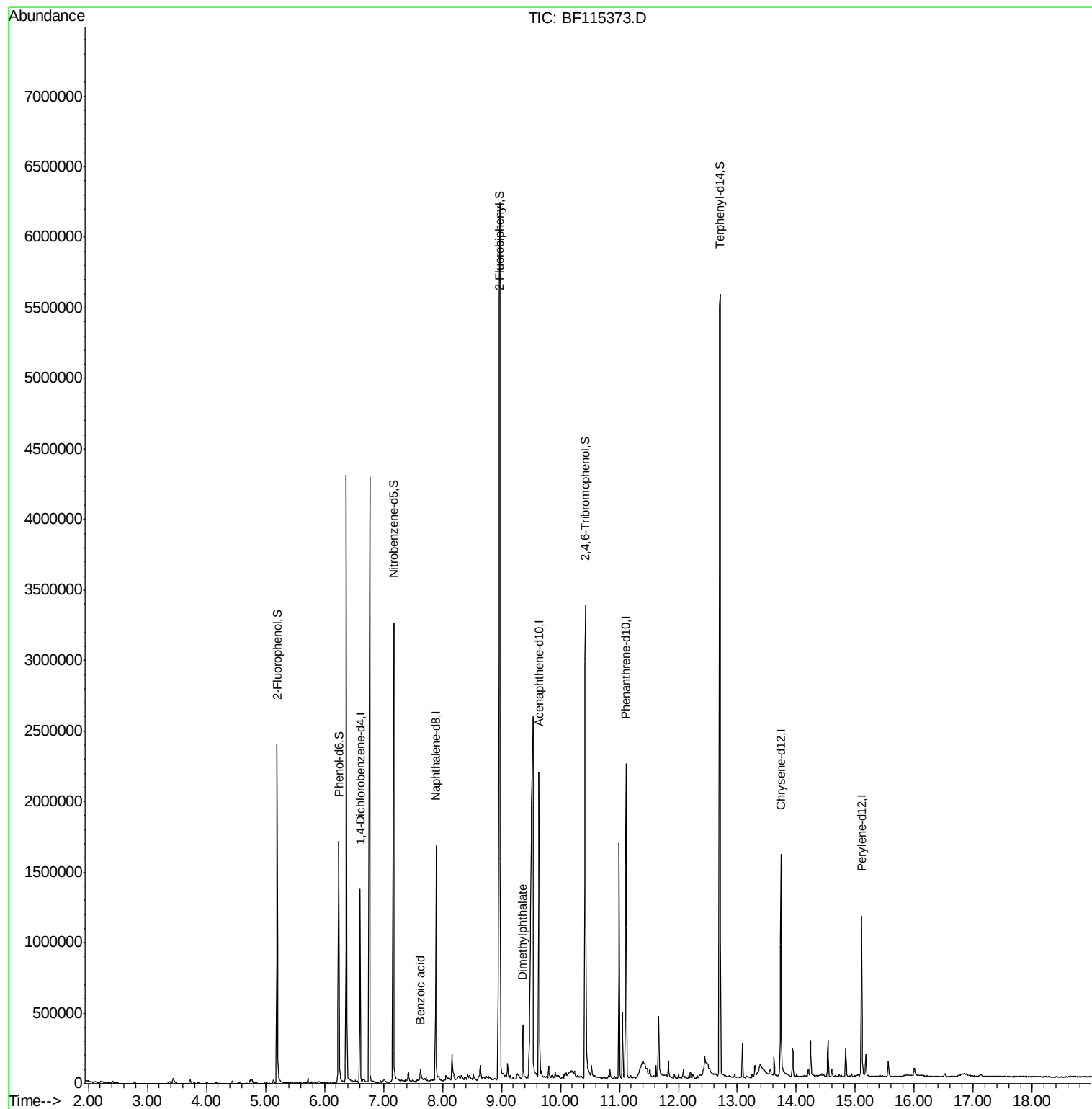
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	220596	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	834789	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	400626	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	780880	20.00	ng	0.02
76) Chrysene-d12	13.74	240	488180	20.00	ng	0.02
87) Perylene-d12	15.11	264	501284	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	765326	53.54	ng	0.01
7) Phenol-d6	6.24	99	637966	36.77	ng	0.00
23) Nitrobenzene-d5	7.17	82	1169825	86.20	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	494853	117.13	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2130743	90.34	ng	0.01
79) Terphenyl-d14	12.71	244	2247417	97.88	ng	0.02
Target Compounds						
32) Benzoic acid	7.63	122	36577	4.239	ng	98
50) Dimethylphthalate	9.36	163	152785	5.184	ng	99

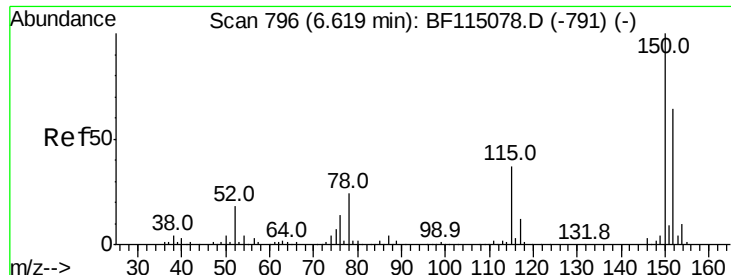
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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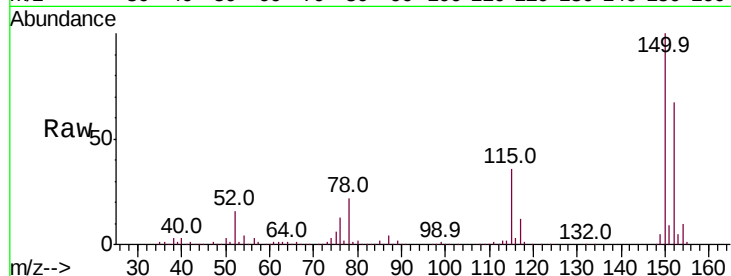


#1

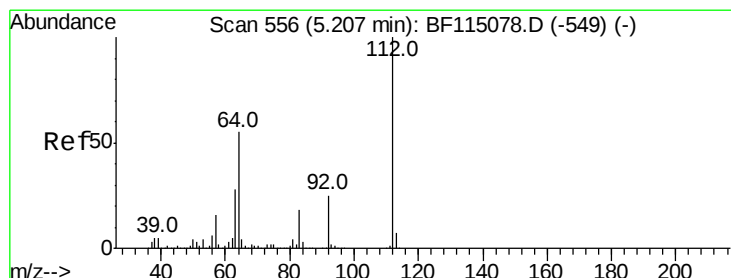
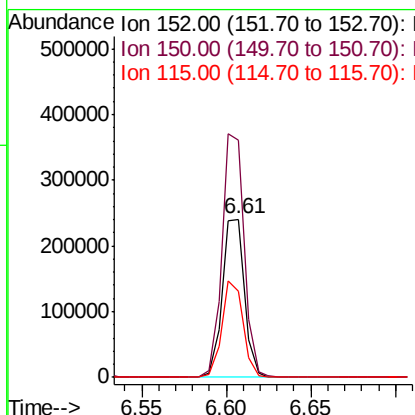
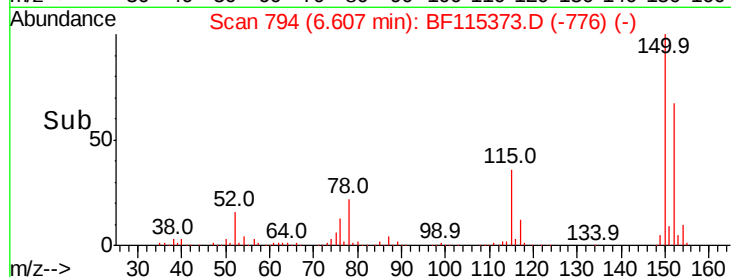
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	124.2	186.2
115	54.4	46.1	69.1



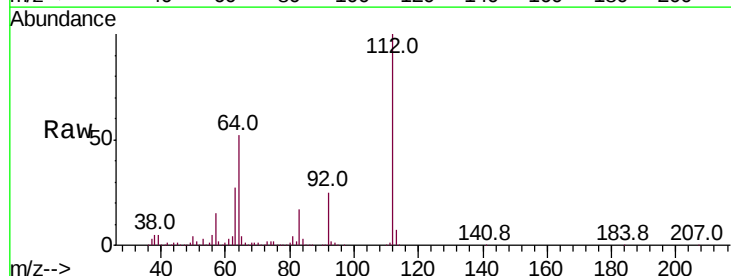
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



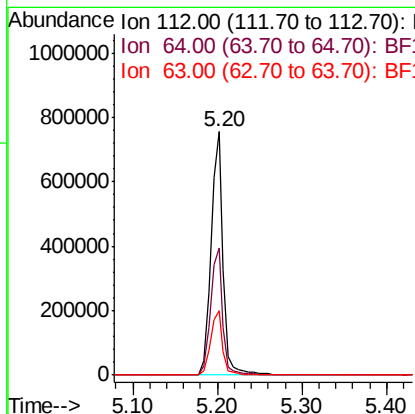
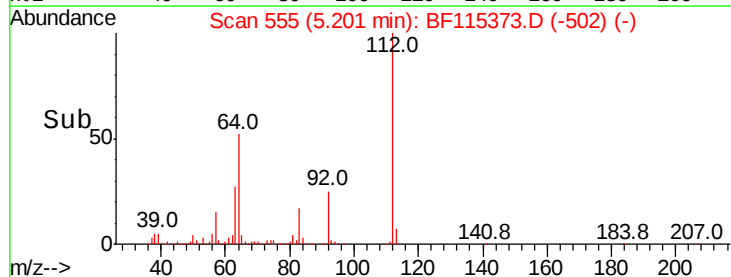
#5

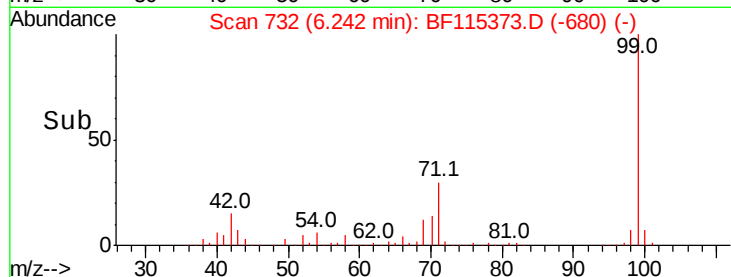
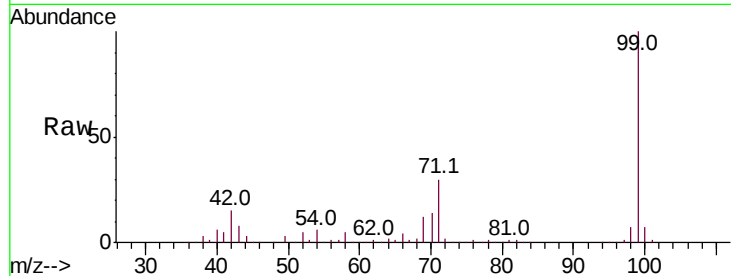
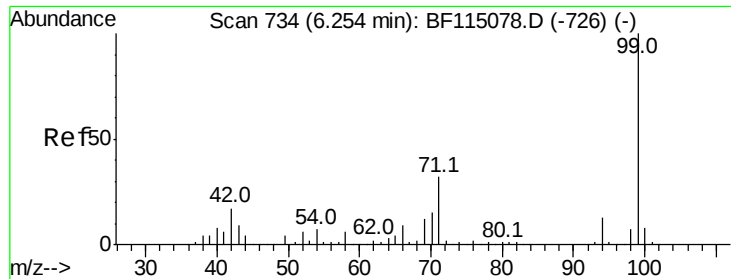
2-Fluorophenol
Concen: 53.538 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	43.8	65.6
63	26.7	22.2	33.4



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: 36.769 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Instrument :

BNA_F

ClientSampleId :

RM-WATER-COMP

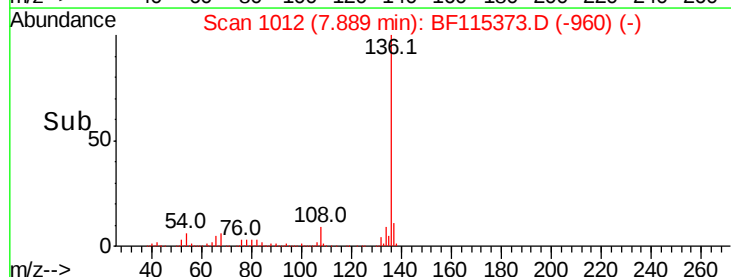
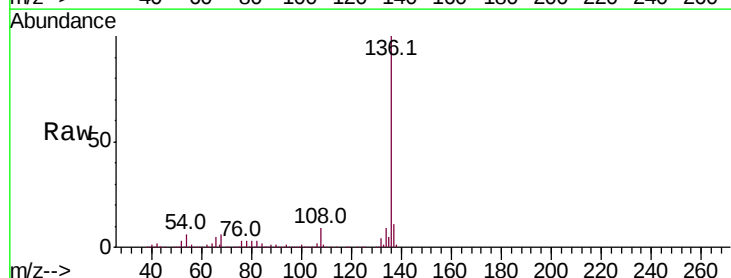
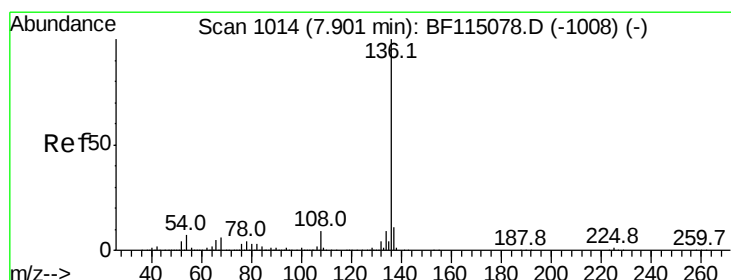
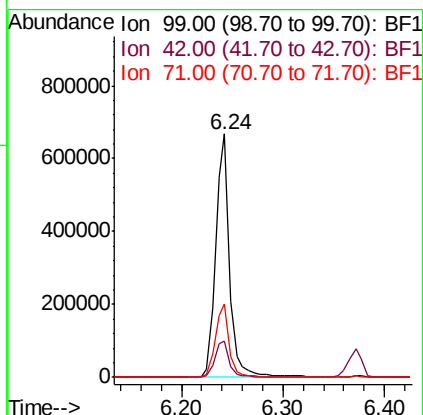
Tot Ion: 99 Resp: 637966

Ion Ratio Lower Upper

99 100

42 15.1 13.6 20.4

71 30.3 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Tgt Ion: 136 Resp: 834789

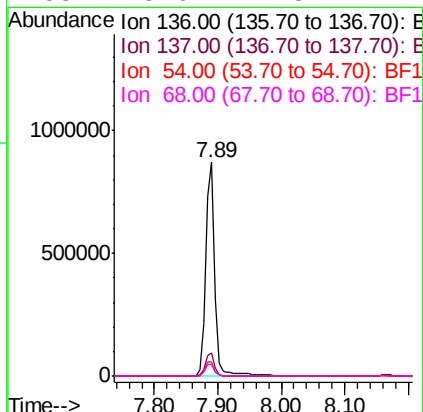
Ion Ratio Lower Upper

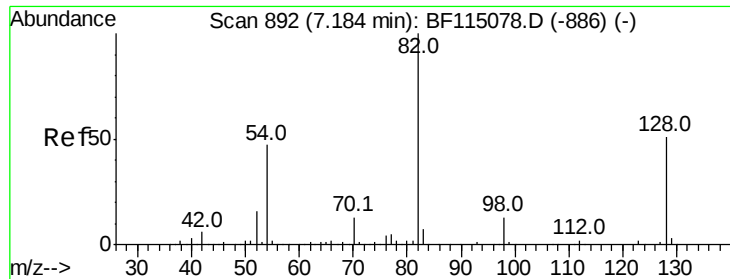
136 100

137 11.0 8.9 13.3

54 6.4 5.6 8.4

68 5.6 4.8 7.2

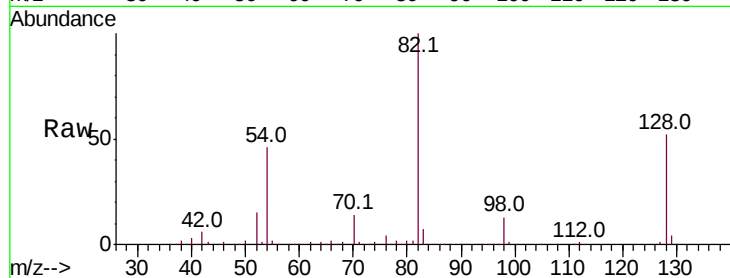




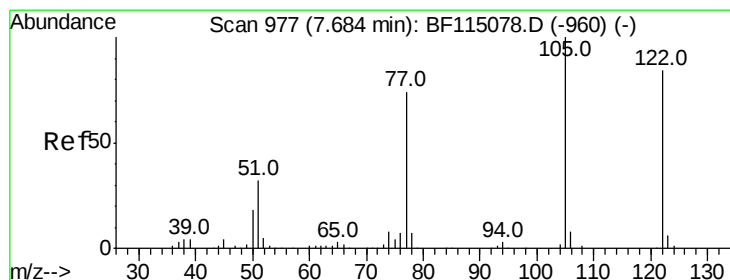
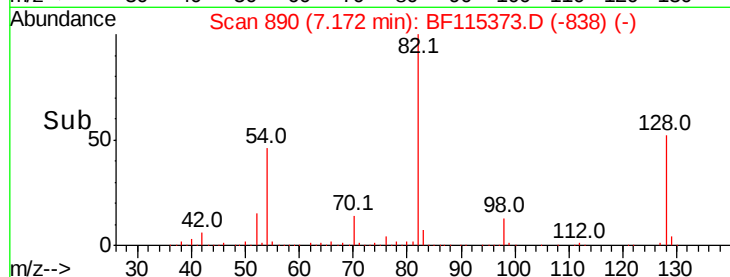
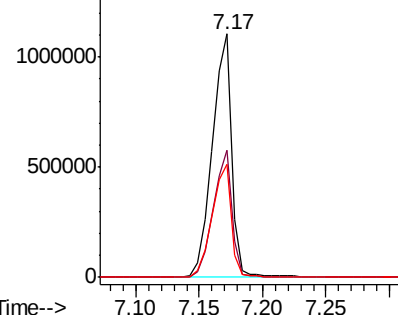
#23
Nitrobenzene-d5
Concen: 86.204 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tot Ion: 82 Resp: 1169825
Ion Ratio Lower Upper
82 100
128 52.4 40.4 60.6
54 46.2 37.5 56.3

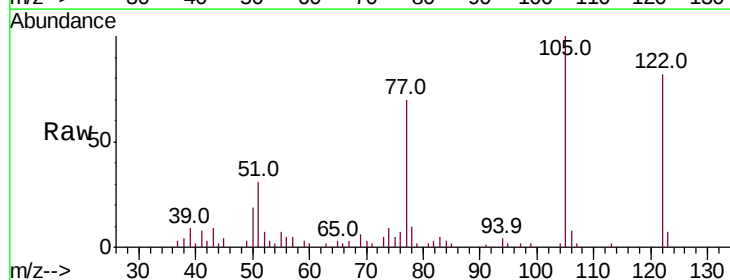


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

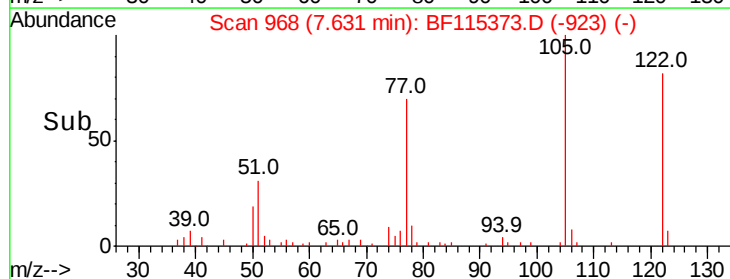
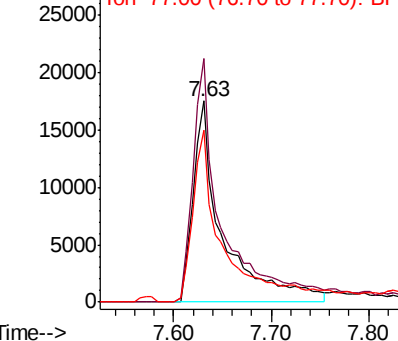


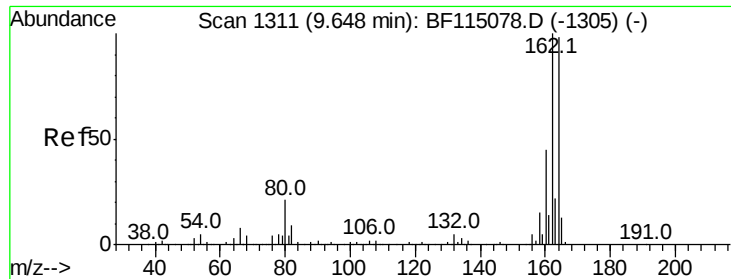
#32
Benzoic acid
Concen: 4.239 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion:122 Resp: 36577
Ion Ratio Lower Upper
122 100
105 121.2 98.2 138.2
77 85.3 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): BF1
25000
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

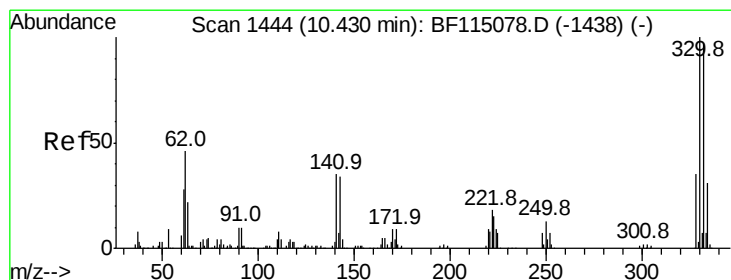
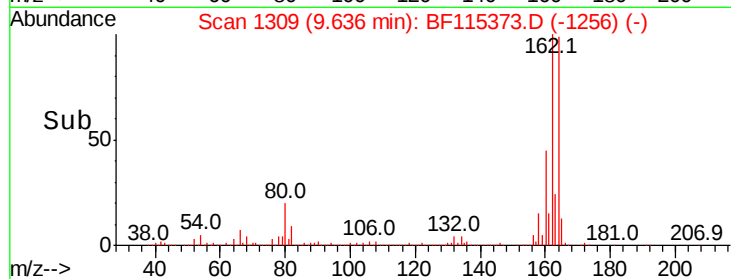
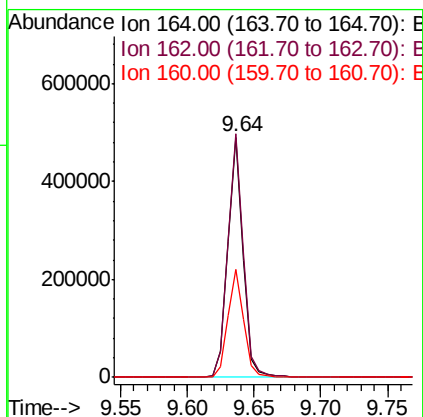
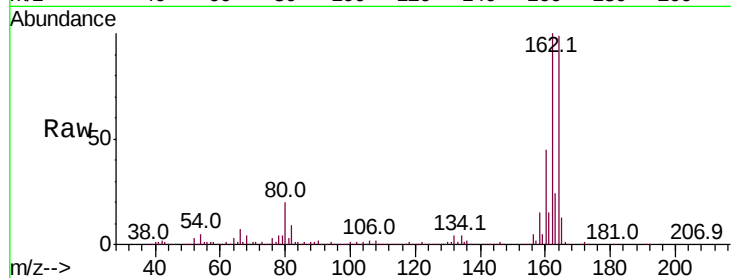




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

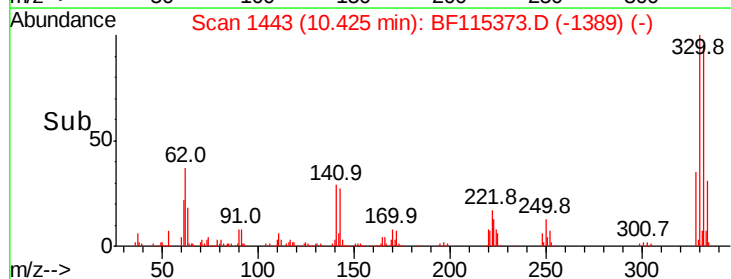
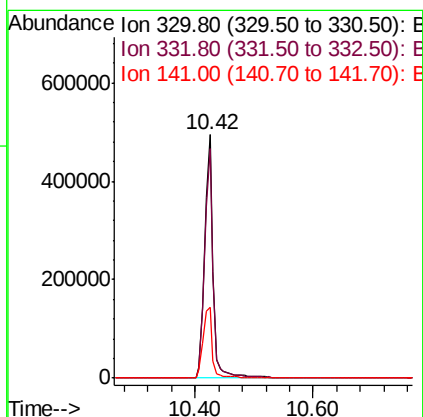
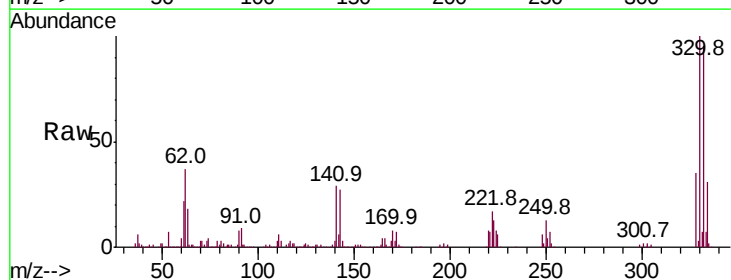
Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

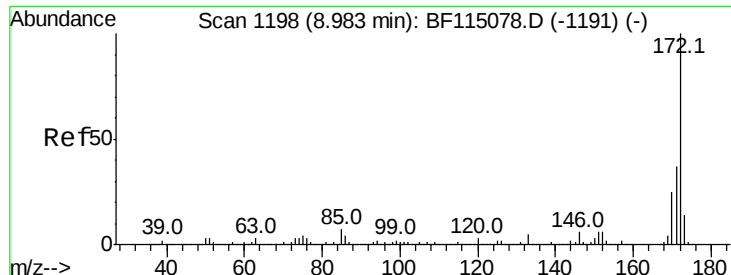
Tot Ion:164 Resp: 400626
Ion Ratio Lower Upper
164 100
162 101.4 81.7 122.5
160 45.2 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 117.132 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion:330 Resp: 494853
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 32.0 28.2 42.2

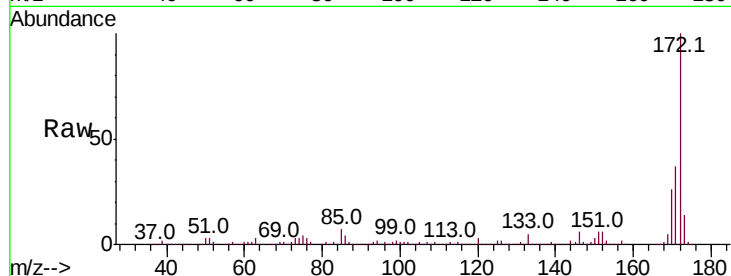




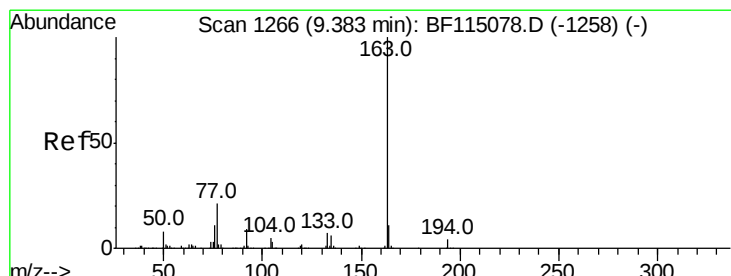
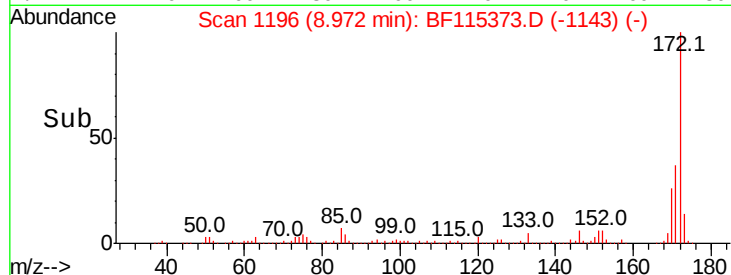
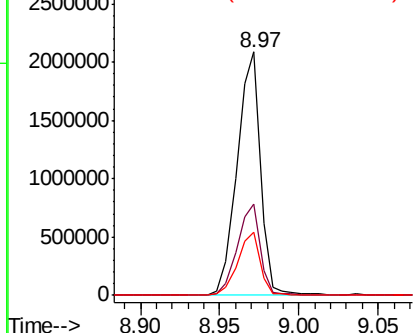
#45
2-Fluorobiphenyl
Concen: 90.342 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Instrument :
BNA_F
ClientSampleId :
RM-WATER-COMP

Tot Ion:172 Resp: 2130743
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.8 20.3 30.5

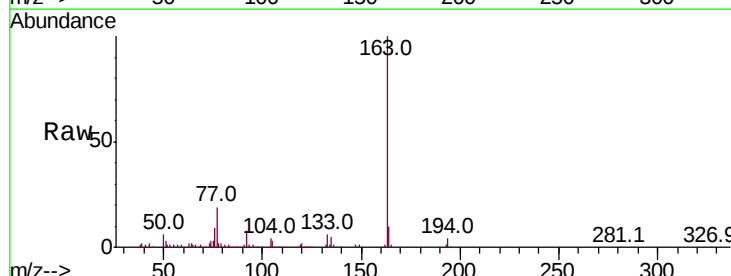


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

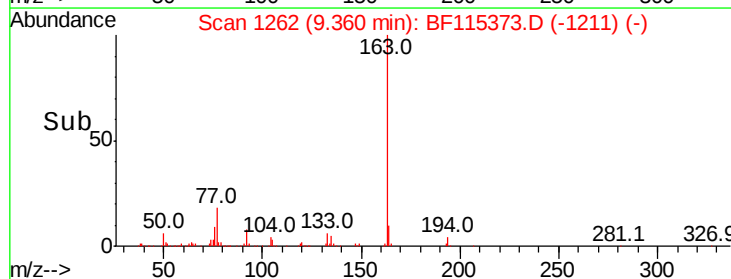
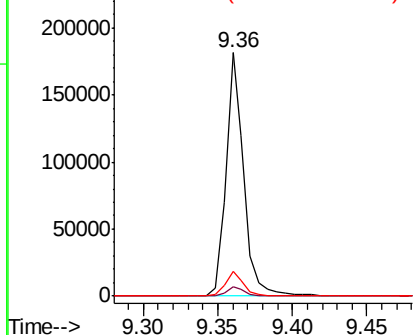


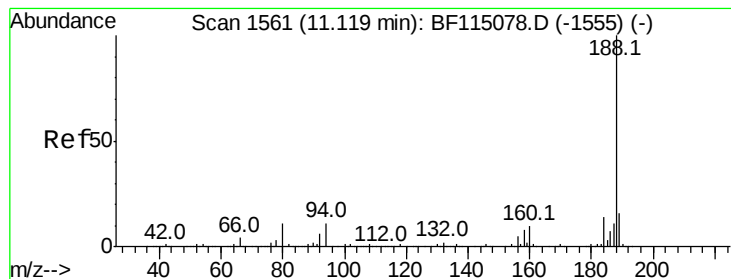
#50
Dimethylphthalate
Concen: 5.184 ng
RT: 9.36 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF115373.D
Acq: 2 Jul 2019 21:21

Tgt Ion:163 Resp: 152785
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.6 13.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. 0.02 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Instrument :

BNA_F

ClientSampleId :

RM-WATER-COMP

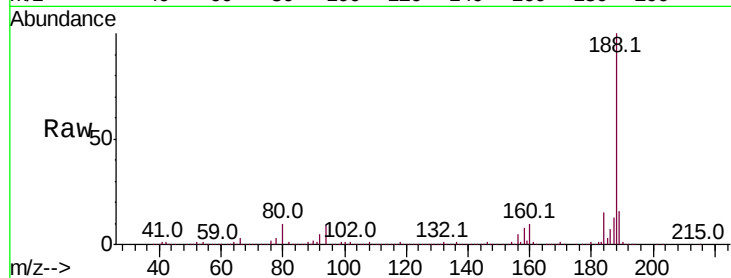
Tot Ion:188 Resp: 780880

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

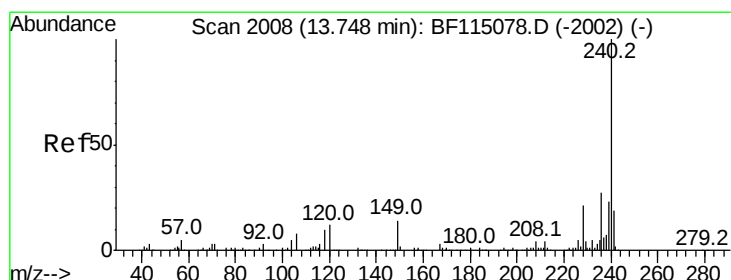
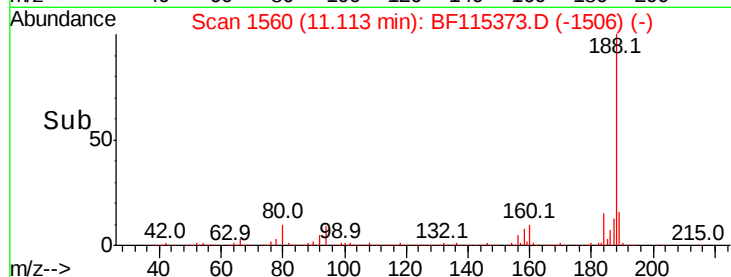
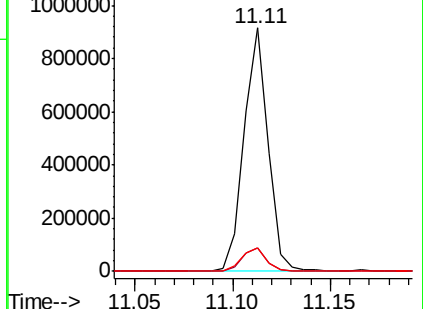
80 9.6 8.8 13.2



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: 13.74 min Scan# 2006

Delta R.T. 0.02 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

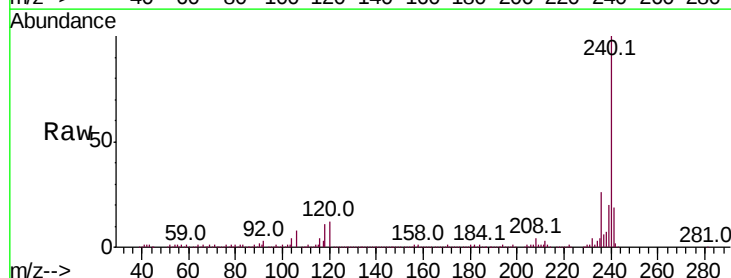
Tgt Ion:240 Resp: 488180

Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

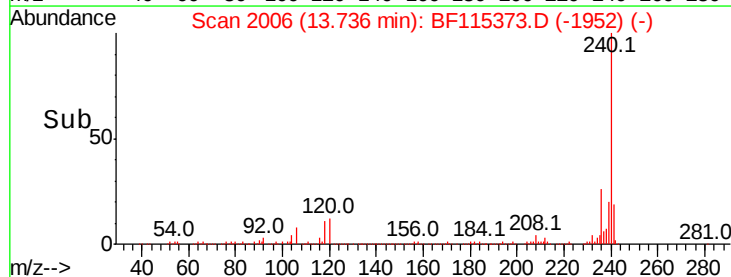
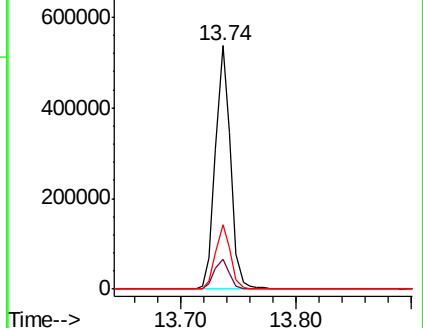
236 26.2 21.7 32.5

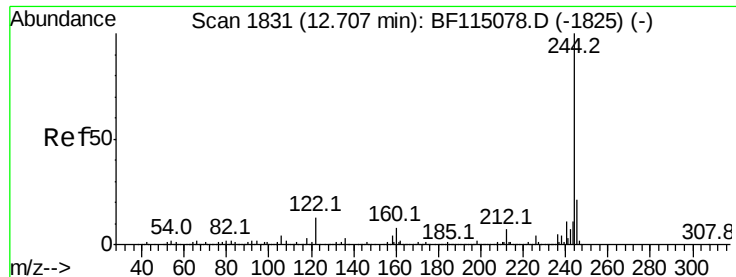


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.881 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Instrument :

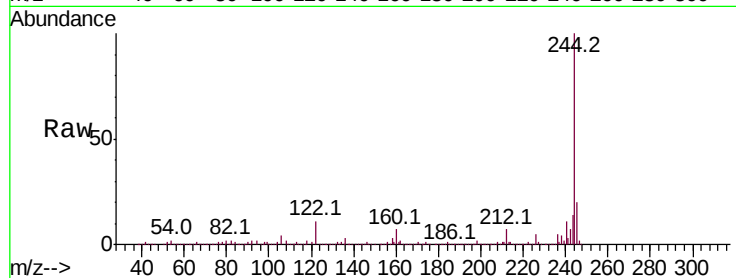
BNA_F

ClientSampleId :

RM-WATER-COMP

Tot Ion:244 Resp: 2247417

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.8	10.4	15.6

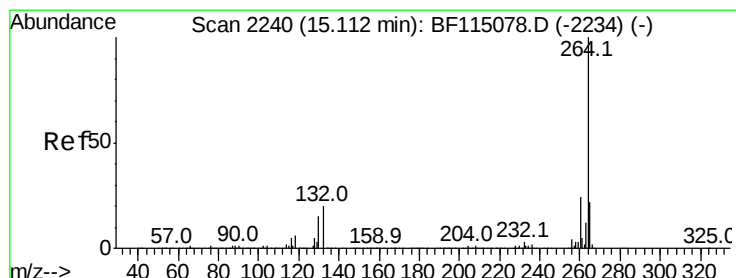
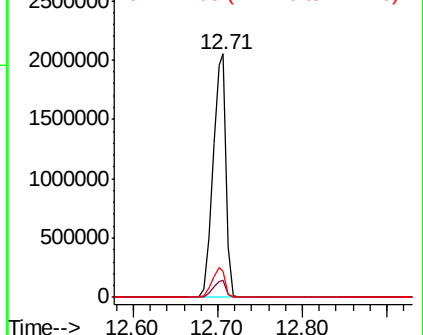
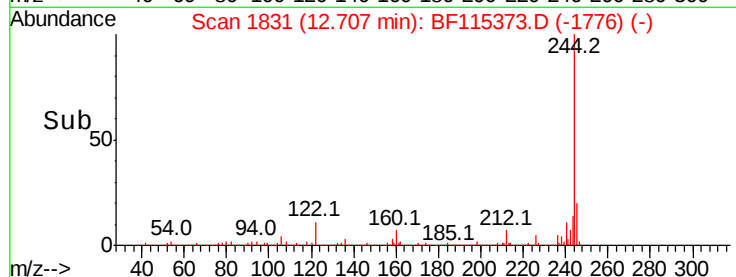


Abundance

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: 15.11 min Scan# 2239

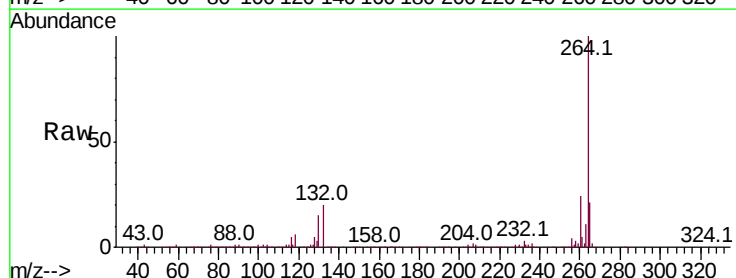
Delta R.T. 0.02 min

Lab File: BF115373.D

Acq: 2 Jul 2019 21:21

Tgt Ion:264 Resp: 501284

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	17.3	25.9



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

