

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120558.D
 Acq On : 5 Jun 2020 14:33
 Operator : JU/CG
 Sample : L2858-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N28427

Quant Time: Jun 06 03:36:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

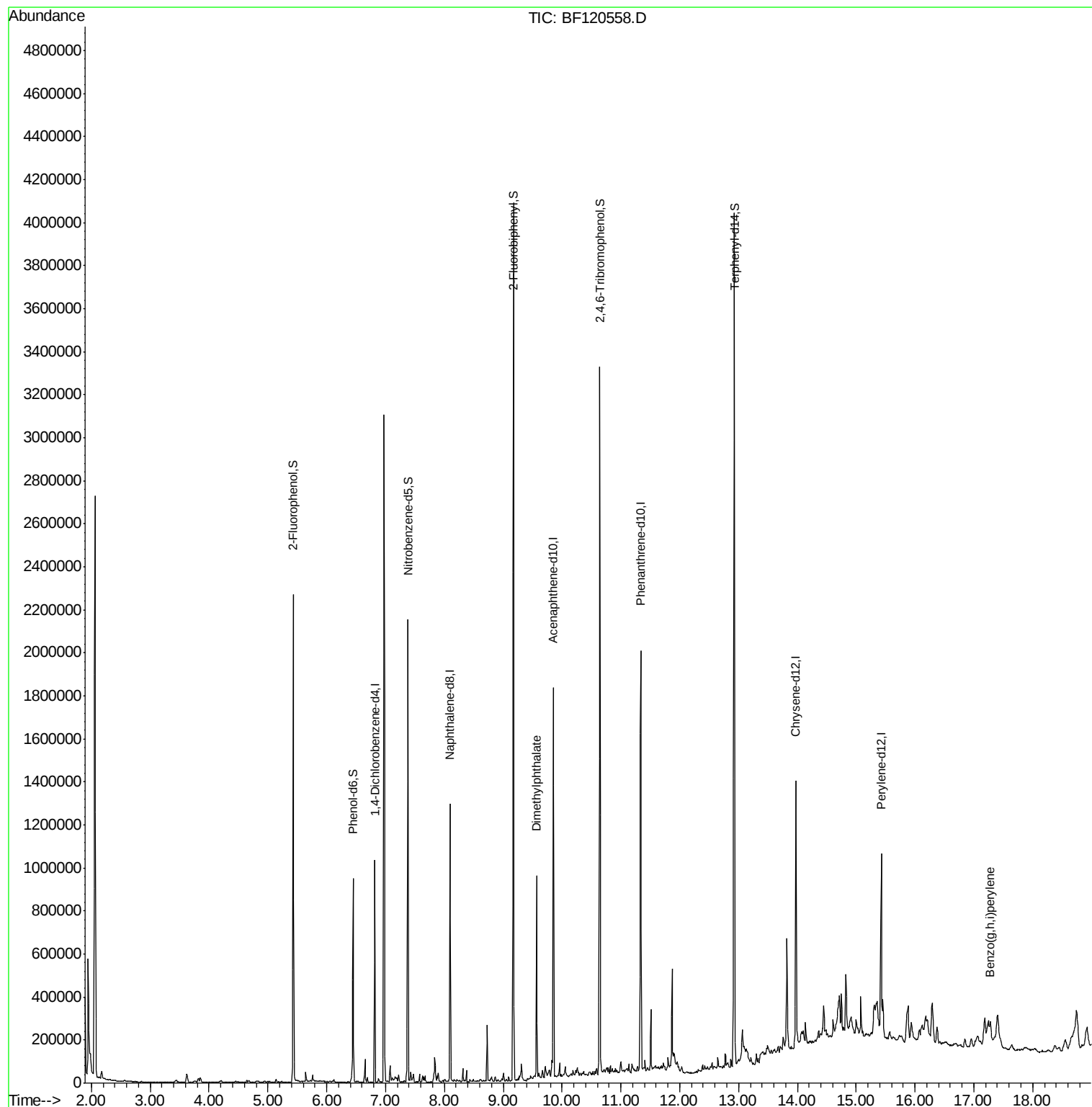
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	139539	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	521573	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	347636	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	692160	20.00	ng	0.00
76) Chrysene-d12	13.97	240	378784	20.00	ng	0.00
86) Perylene-d12	15.43	264	402842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	602196	82.24	ng	0.00
7) Phenol-d6	6.45	99	285986	31.69	ng	-0.01
23) Nitrobenzene-d5	7.38	82	737199	92.46	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	452886	140.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1395243	68.10	ng	0.00
79) Terphenyl-d14	12.93	244	1483314	87.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	351906	16.192	ng	100
92) Benzo(g,h,i)perylene	17.28	276	43597	2.461	ng	# 94

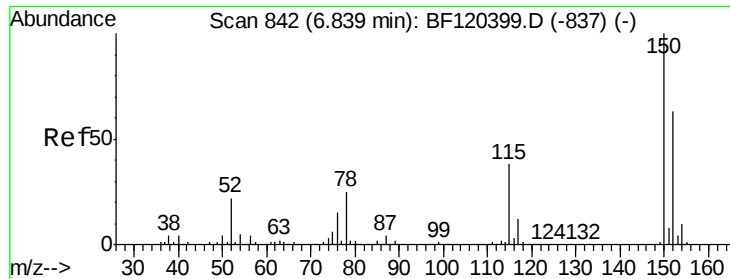
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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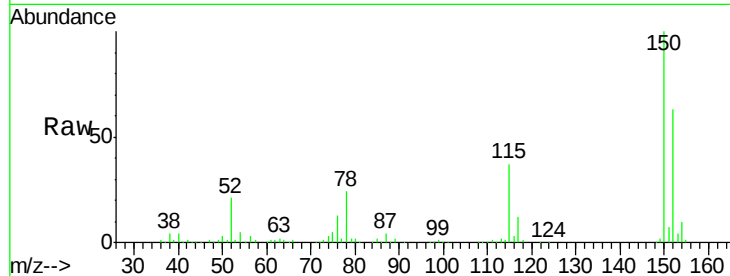


#1

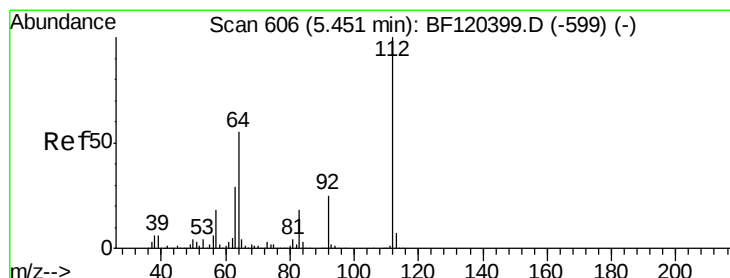
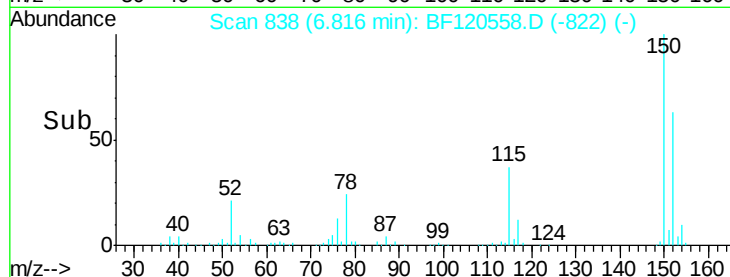
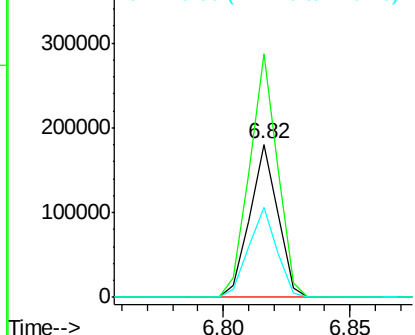
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120558.D
Acq: 5 Jun 2020 14:33

Instrument :
BNA_F
ClientSampleId :
N28427

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.2	186.4
115	58.3	43.8	65.6



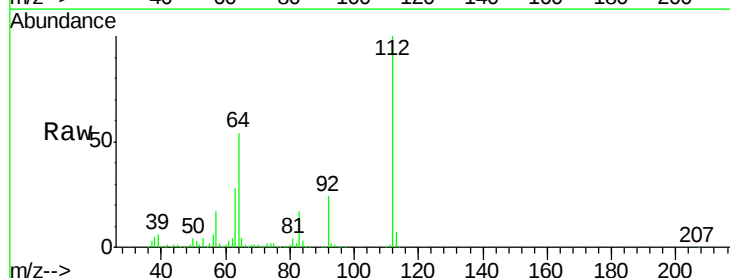
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



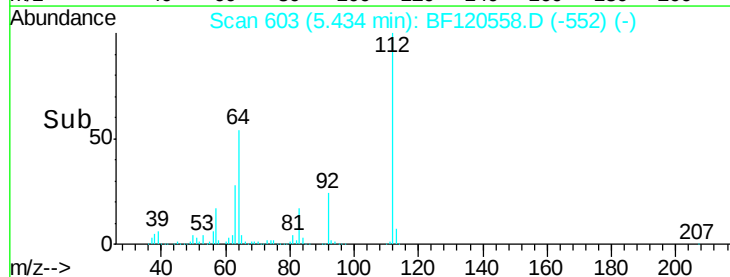
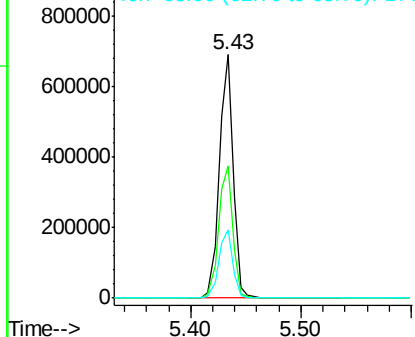
#5

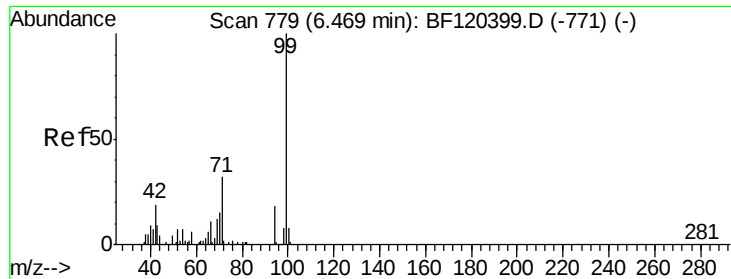
2-Fluorophenol
Concen: 82.245 ng
RT: 5.43 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF120558.D
Acq: 5 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.5	69.7
63	27.8	23.6	35.4



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: 31.689 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF120558.D

Acq: 5 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

N28427

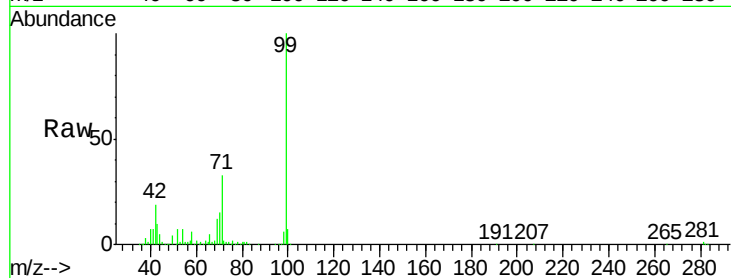
Tot Ion: 99 Resp: 285986

Ion Ratio Lower Upper

99 100

42 19.1 14.8 22.2

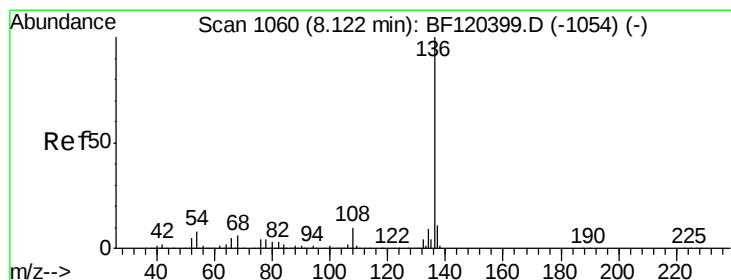
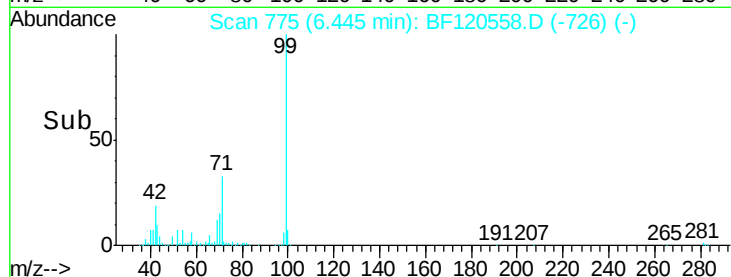
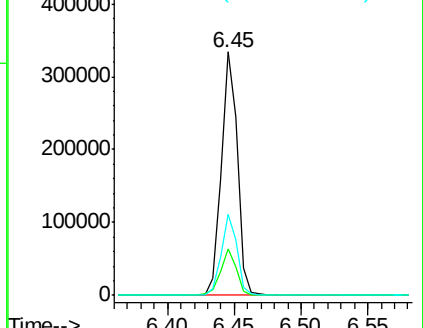
71 33.3 25.8 38.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF120558.D

Acq: 5 Jun 2020 14:33

Tgt Ion: 136 Resp: 521573

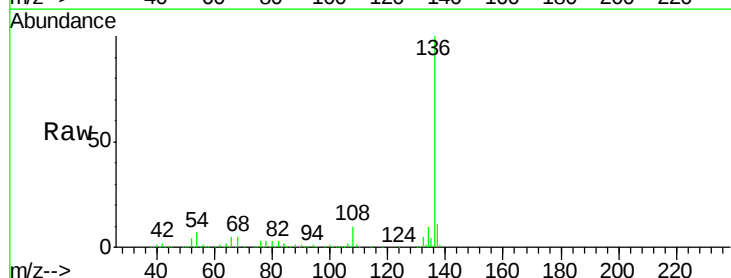
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.4 5.1 7.7

68 5.4 4.0 6.0

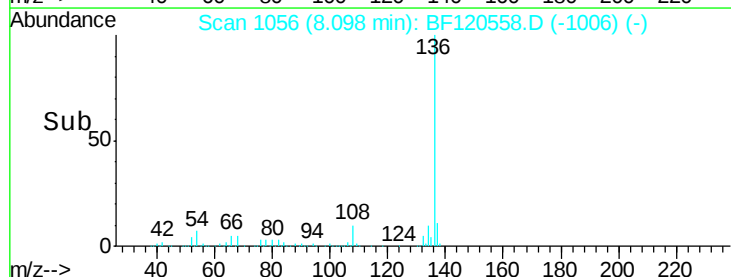
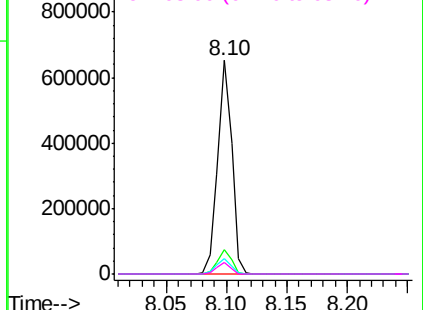


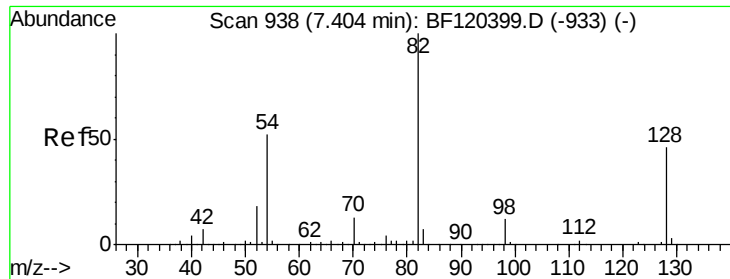
Abundance Ion 136.00 (135.70 to 136.70): E

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

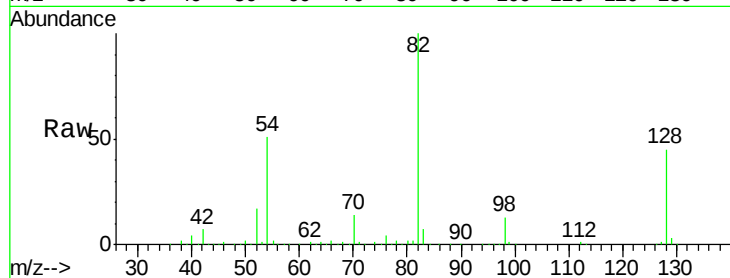




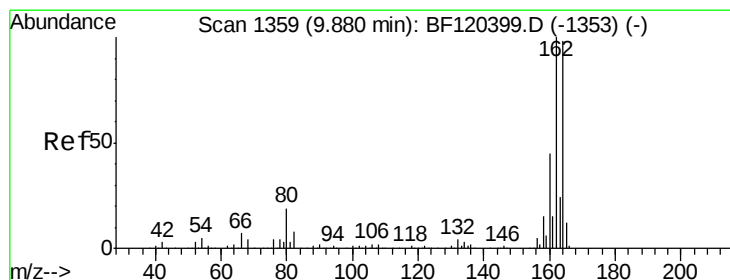
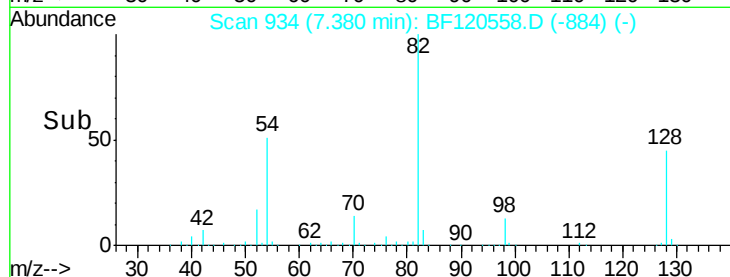
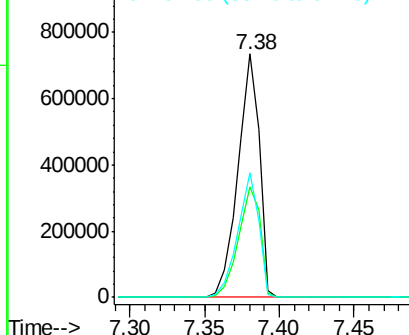
#23
Nitrobenzene-d5
Concen: 92.456 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120558.D
Acq: 5 Jun 2020 14:33

Instrument :
BNA_F
ClientSampleId :
N28427

Tot Ion	82	Resp	737199
Ion Ratio	Lower	Upper	
82	100		
128	45.2	38.6	57.8
54	51.3	39.5	59.3

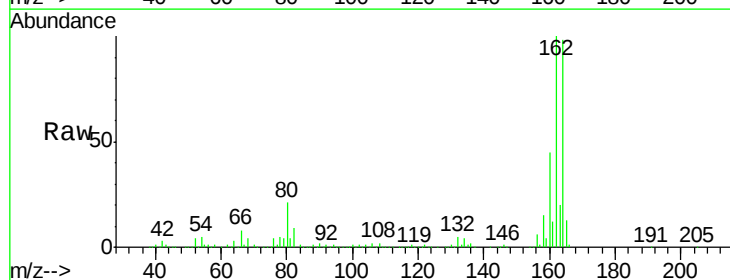


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

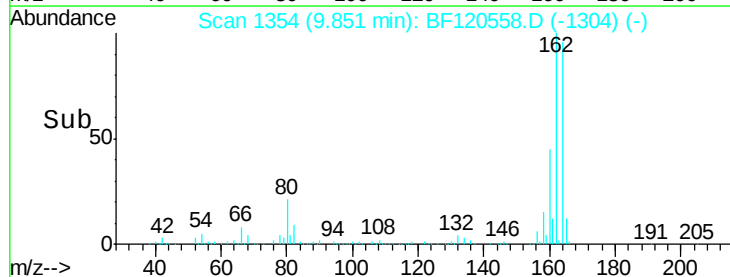
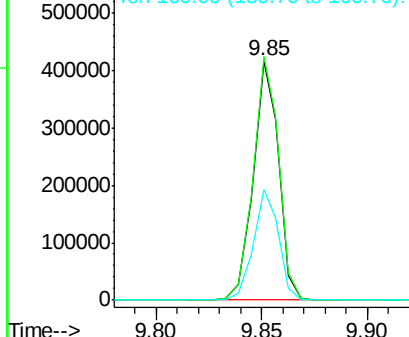


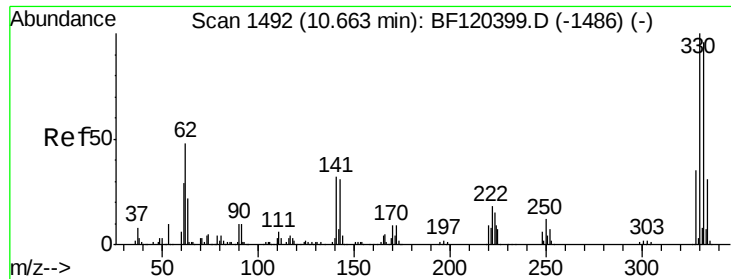
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF120558.D
Acq: 5 Jun 2020 14:33

Tgt Ion	164	Resp	347636
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.3	120.5
160	46.1	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

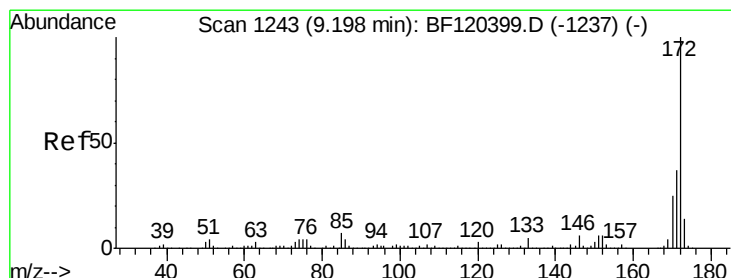
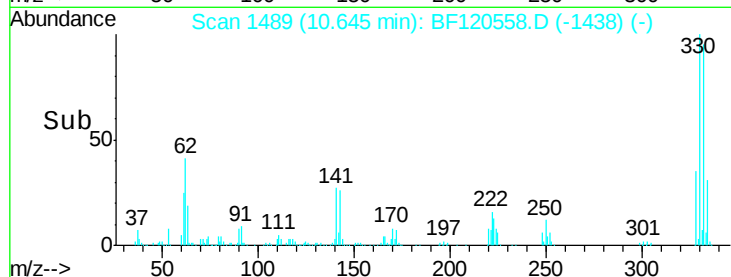
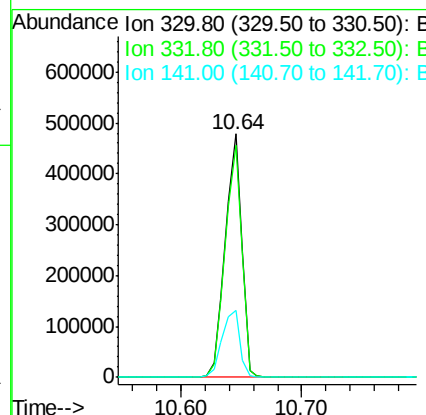
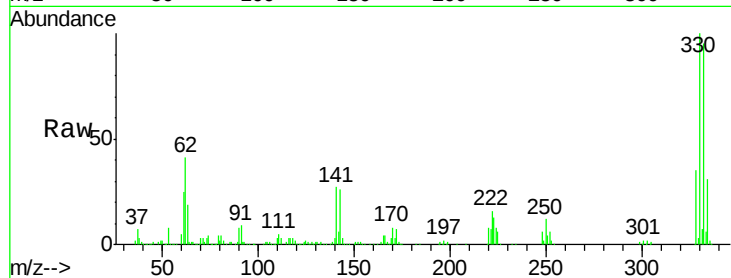




#42
 2,4,6-Tribromophenol
 Concen: 140.604 ng
 RT: 10.64 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

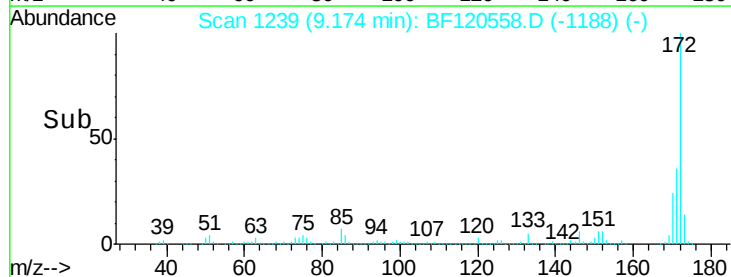
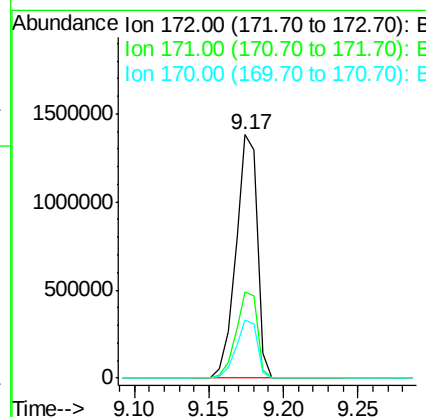
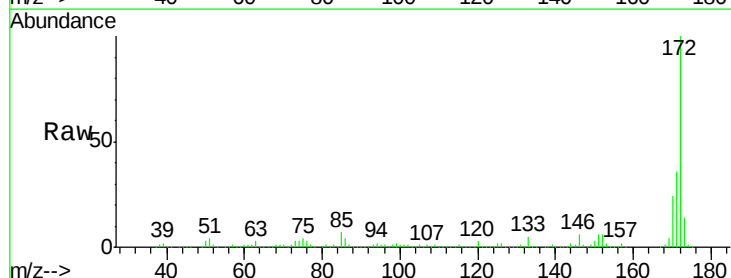
Instrument :
 BNA_F
 ClientSampleId :
 N28427

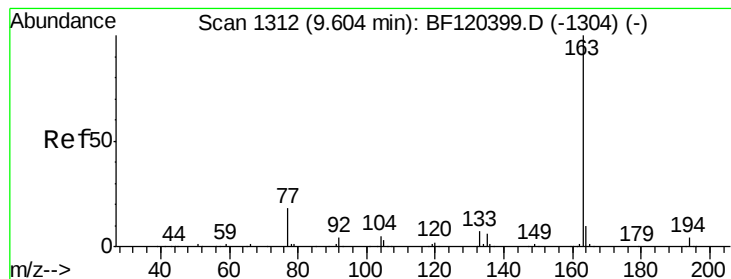
Tot Ion:330 Resp: 452886
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 29.7 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 68.097 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF120558.D
 Acq: 5 Jun 2020 14:33

Tgt Ion:172 Resp: 1395243
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.1 19.0 28.6





#50

Dimethylphthalate

Concen: 16.192 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120558.D

Acq: 5 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

N28427

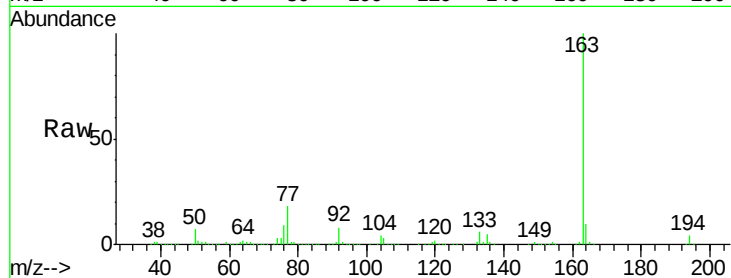
Tot Ion:163 Resp: 351906

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

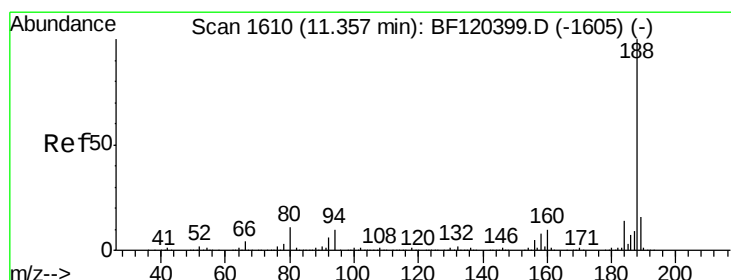
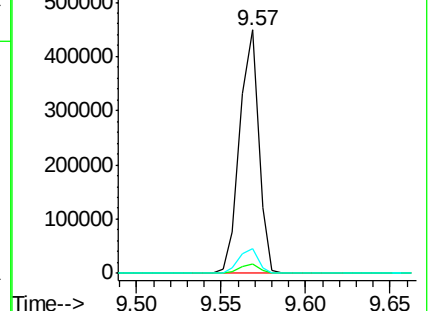
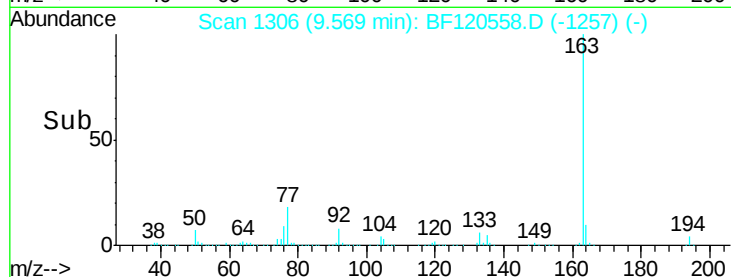
164 9.9 7.8 11.8



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: 11.34 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF120558.D

Acq: 5 Jun 2020 14:33

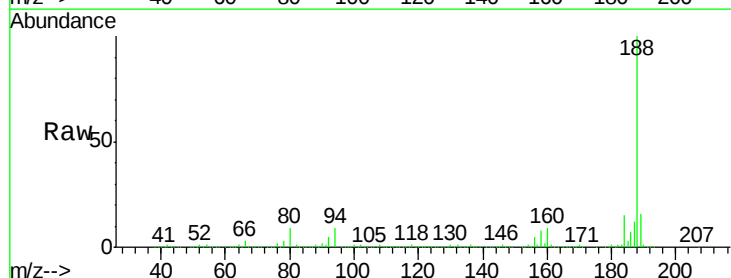
Tgt Ion:188 Resp: 692160

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

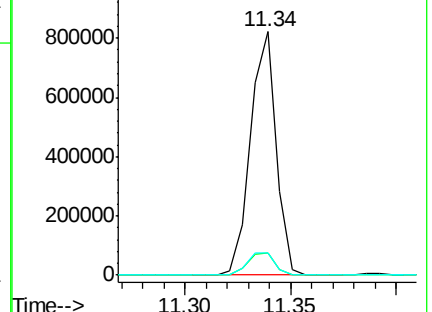
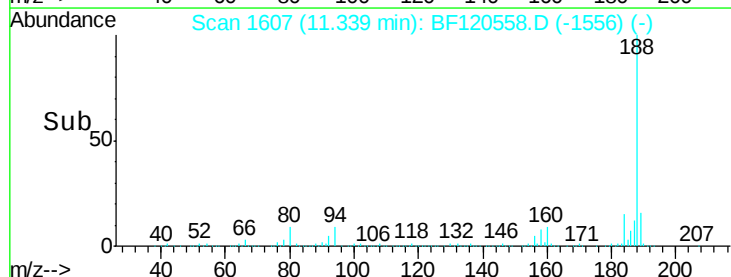
80 9.2 7.4 11.0

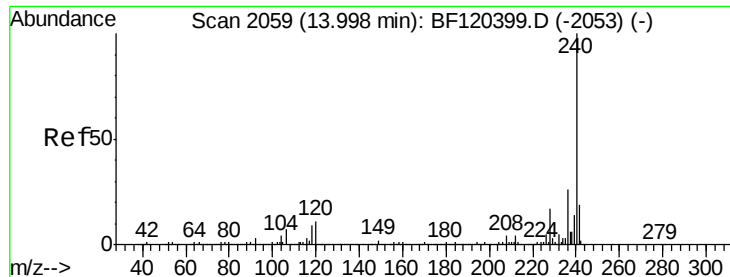


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF120558.D

Acq: 5 Jun 2020 14:33

Instrument :

BNA_F

ClientSampleId :

N28427

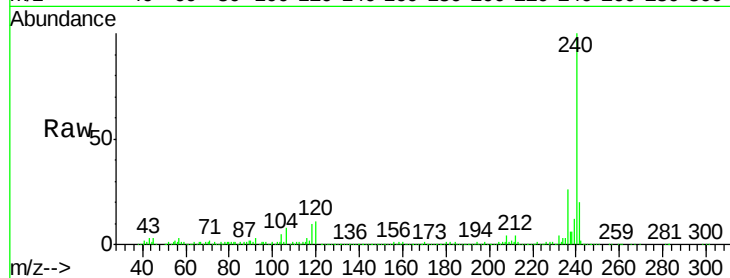
Tot Ion:240 Resp: 378784

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

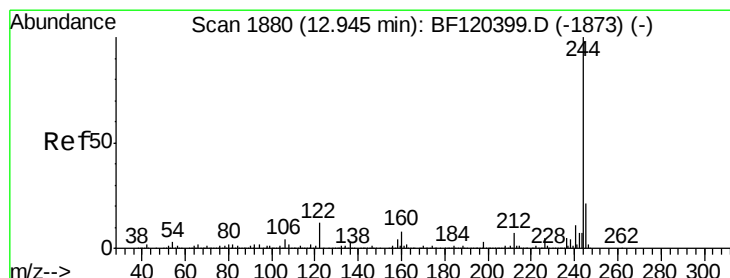
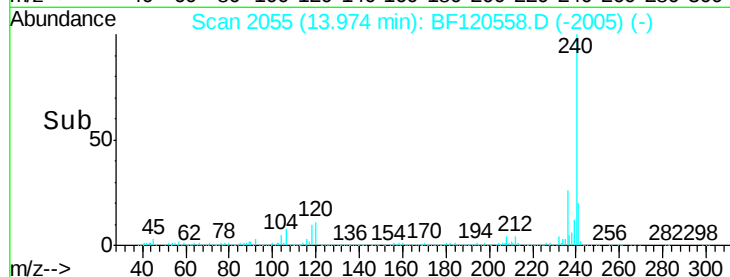
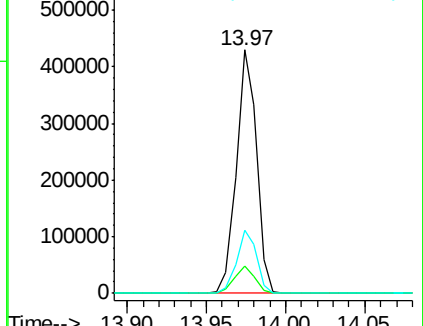
236 26.1 21.3 31.9



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: 87.140 ng

RT: 12.93 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BF120558.D

Acq: 5 Jun 2020 14:33

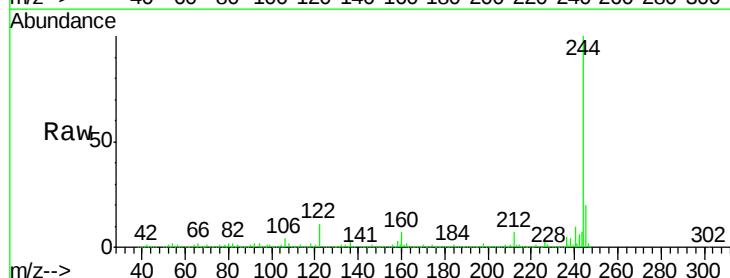
Tgt Ion:244 Resp: 1483314

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

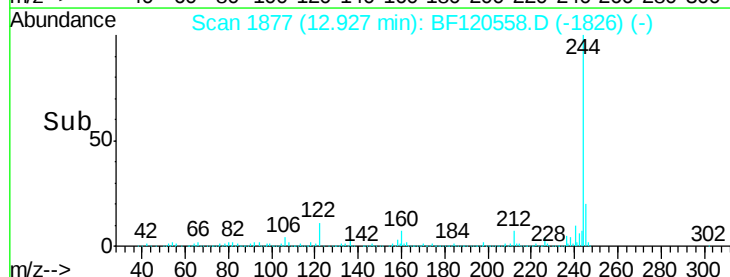
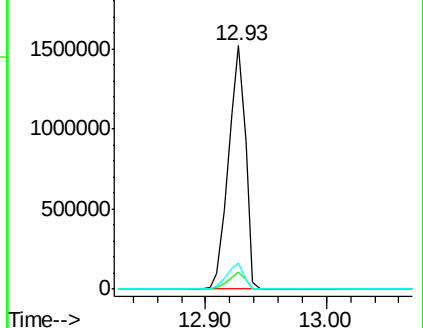
122 10.7 8.4 12.6

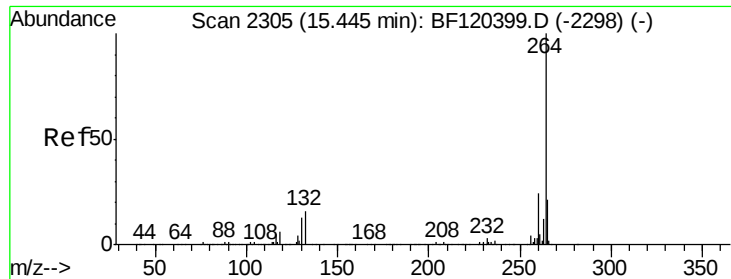


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

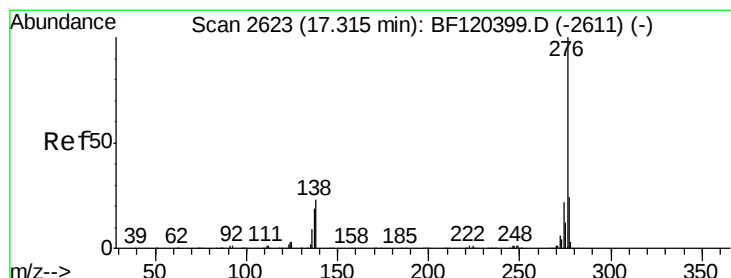
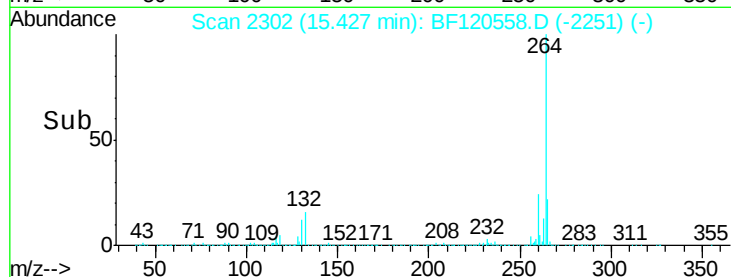
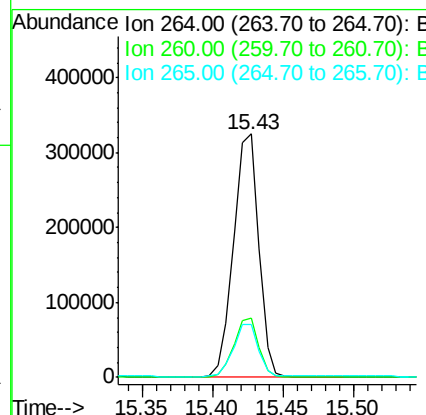
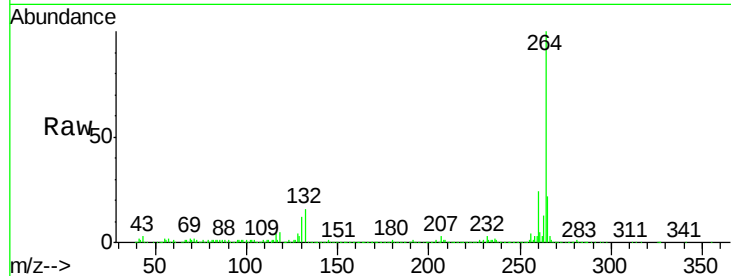




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF120558.D
Acq: 5 Jun 2020 14:33

Instrument :
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ClientSampleId :
N28427

Tot Ion:264 Resp: 402842
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.8 17.2 25.8



#92
Benzo(g,h,i)perylene
Concen: 2.461 ng
RT: 17.28 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF120558.D
Acq: 5 Jun 2020 14:33

Tgt Ion:276 Resp: 43597
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 24.4 15.4 23.0#

