

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002706.D
 Acq On : 09 Jul 2020 20:13
 Operator : CG/JU
 Sample : L3203-17RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-16RE

Quant Time: Jul 10 00:58:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

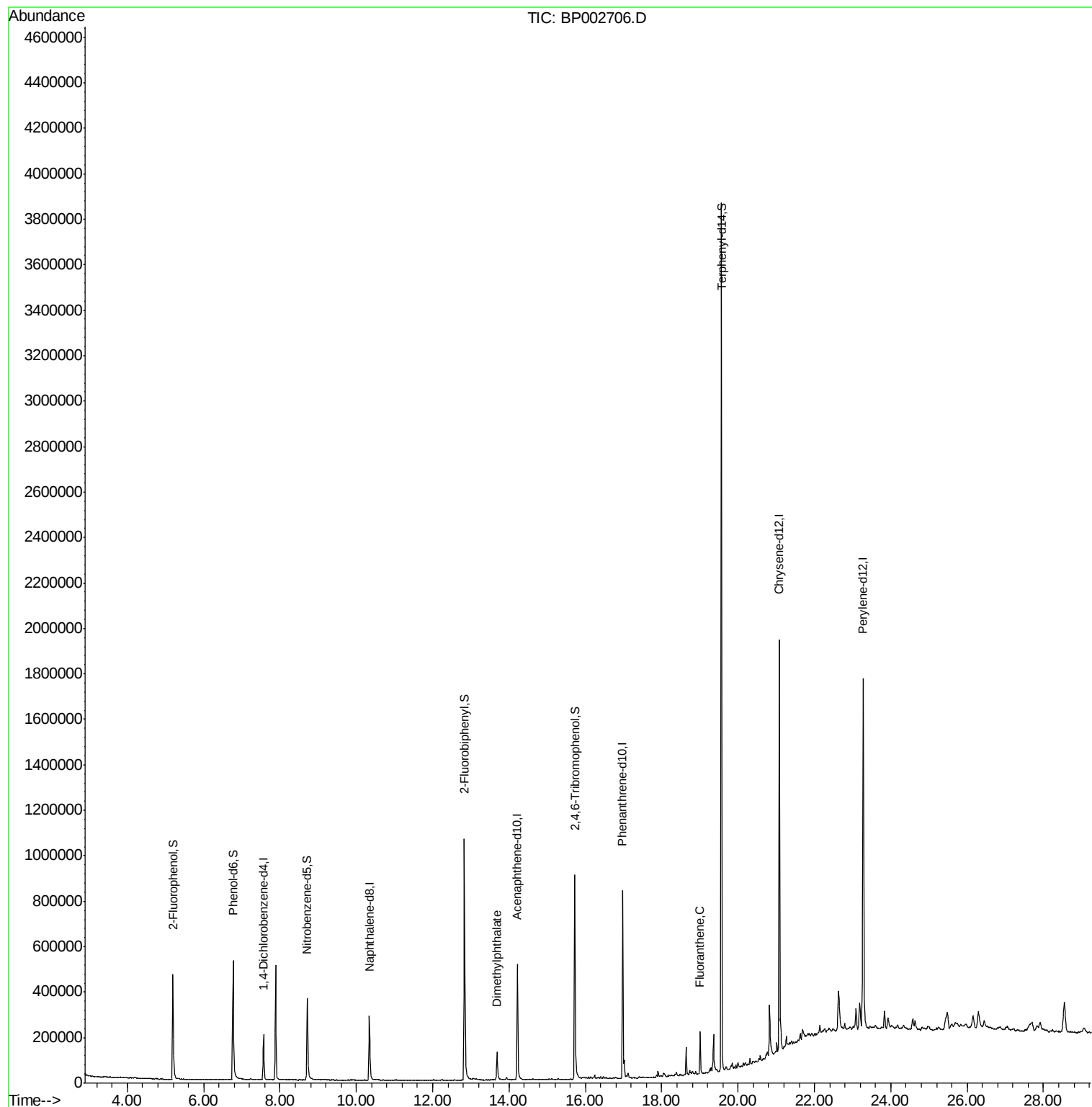
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	57030	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	265490	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	193231	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	514953	20.00	ng	0.00
76) Chrysene-d12	21.08	240	811242	20.00	ng	-0.01
86) Perylene-d12	23.27	264	1024120	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	242658	72.04	ng	0.00
7) Phenol-d6	6.77	99	391145	83.20	ng	0.00
23) Nitrobenzene-d5	8.71	82	254839	49.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	185893	79.10	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	673452	51.30	ng	-0.01
79) Terphenyl-d14	19.56	244	1779798	47.36	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.68	163	111750	7.363	ng	98
75) Fluoranthene	19.00	202	106906	3.188	ng	98

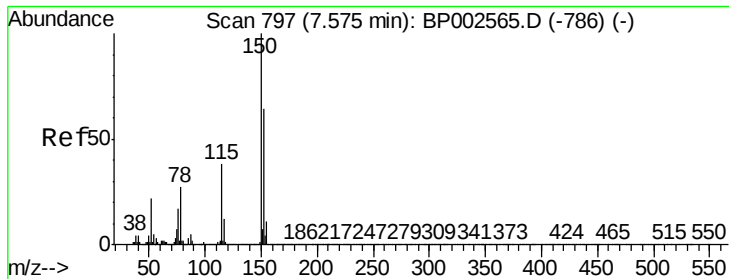
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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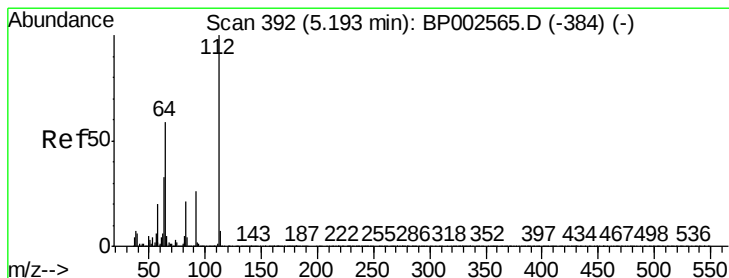
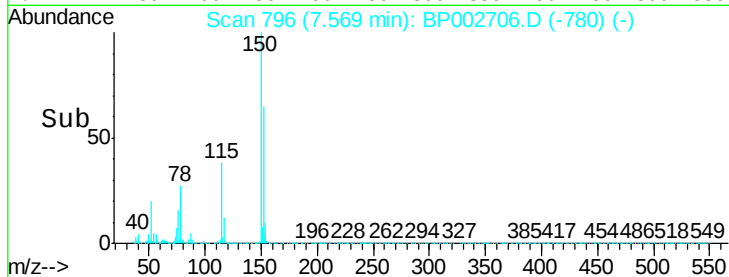
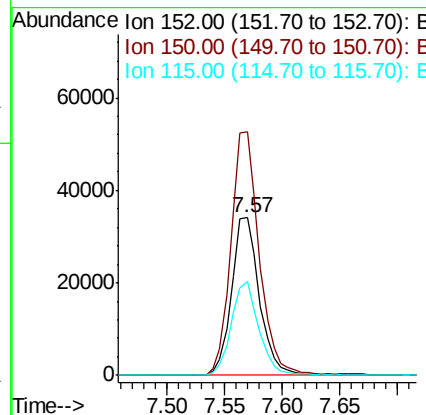
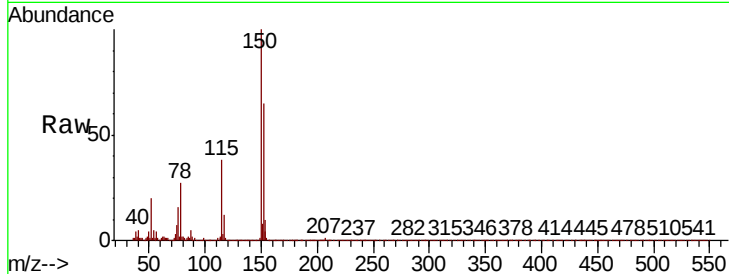


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002706.D
Acq: 09 Jul 2020 20:13

Instrument :
BNA_P
ClientSampleId :
RO-16RE

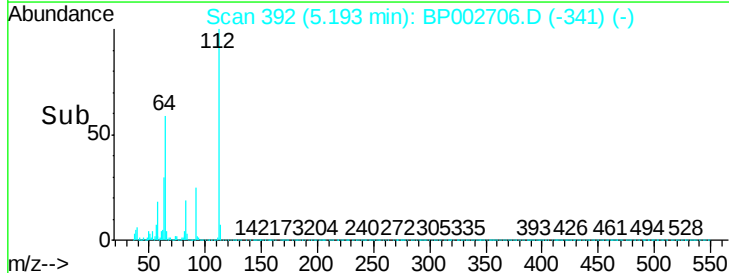
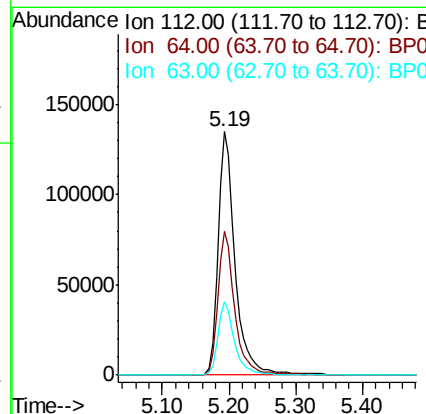
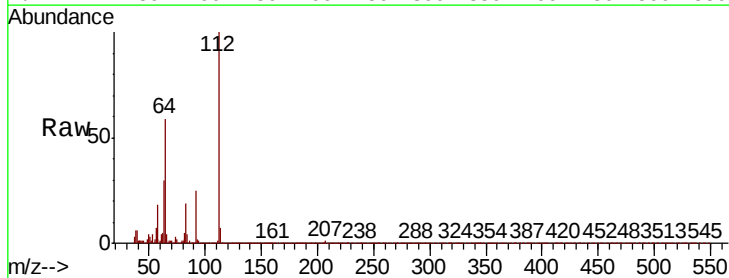
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	59.2	47.1	70.7

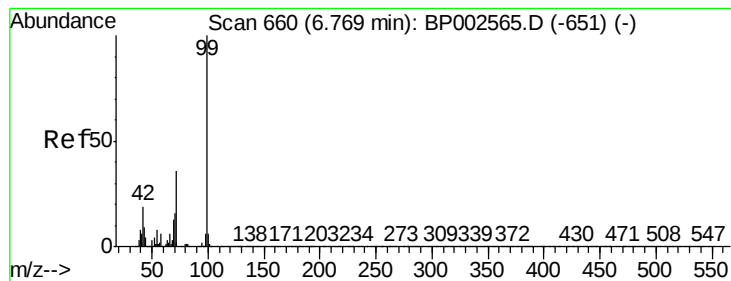


#5

2-Fluorophenol
Concen: 72.041 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002706.D
Acq: 09 Jul 2020 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	30.1	26.1	39.1





#7

Phenol-d6

Concen: 83.198 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

Instrument :

BNA_P

ClientSampled :

RO-16RE

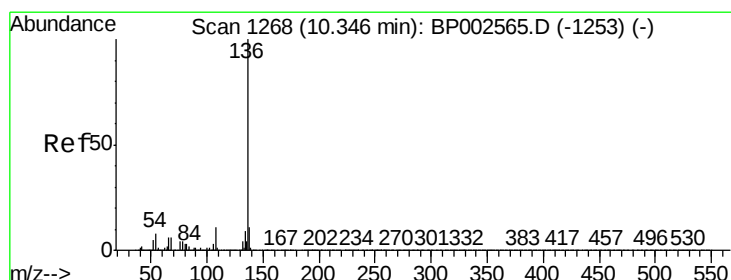
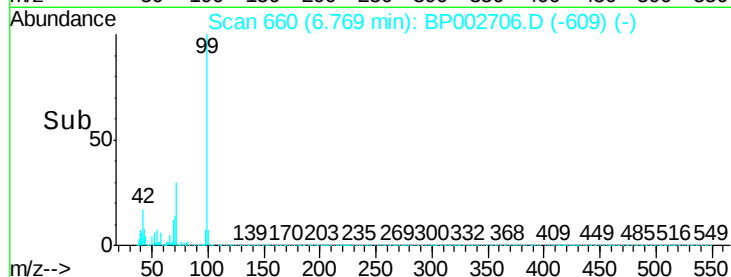
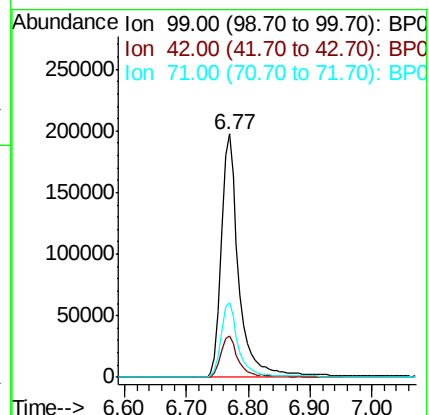
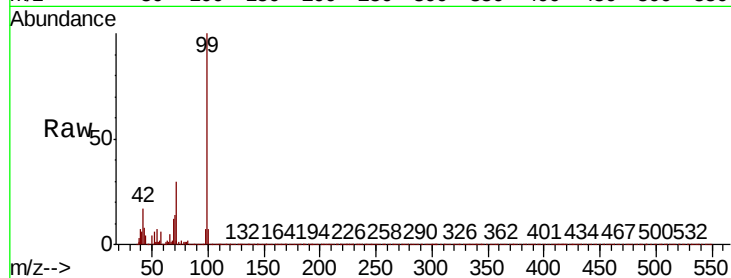
Tot Ion: 99 Resp: 391145

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.5	23.3
71	30.4	28.9	43.3

99 100

42 16.9 15.5 23.3

71 30.4 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

Tgt Ion: 136 Resp: 265490

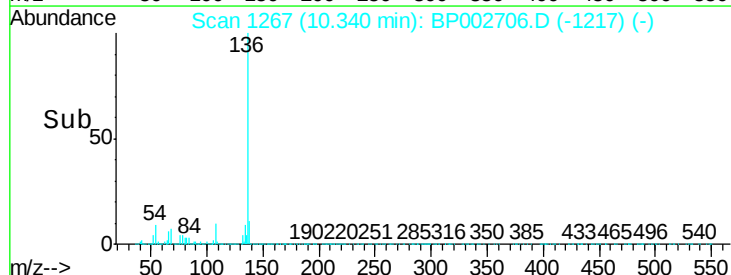
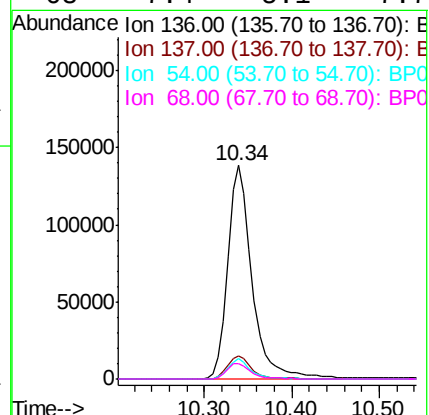
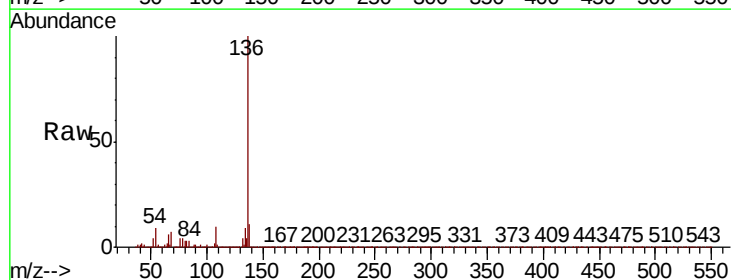
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.3	6.4	9.6
68	7.4	5.1	7.7

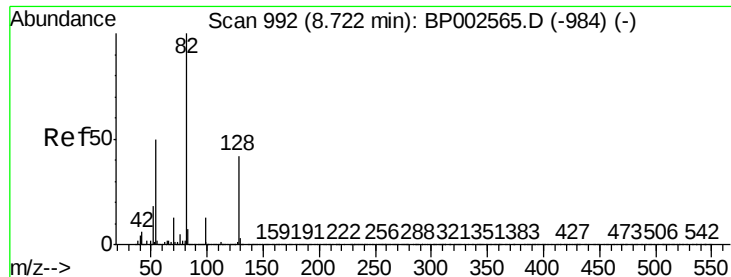
136 100

137 10.7 8.8 13.2

54 9.3 6.4 9.6

68 7.4 5.1 7.7

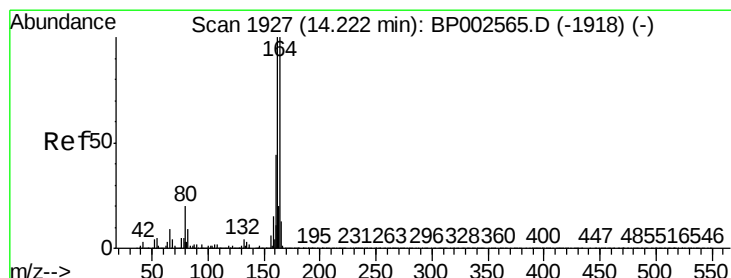
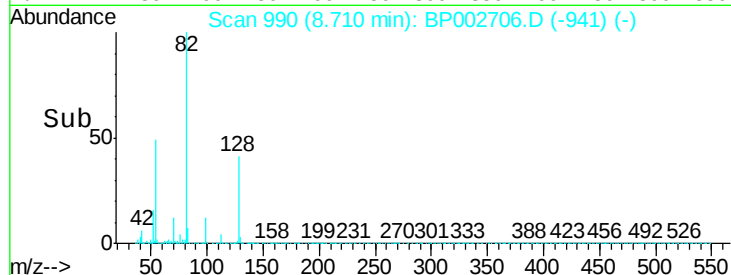
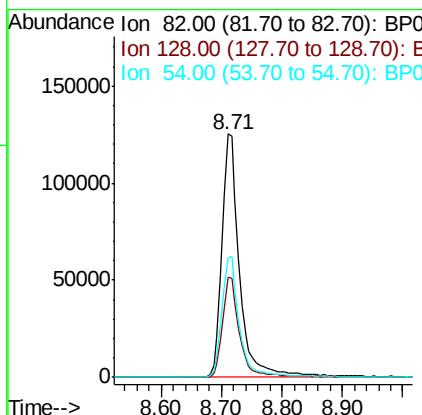
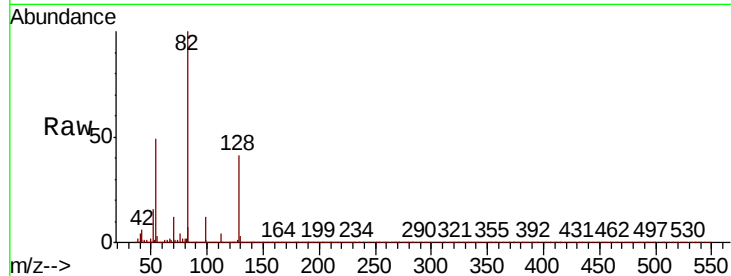




#23
 Nitrobenzene-d5
 Concen: 49.458 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002706.D
 Acq: 09 Jul 2020 20:13

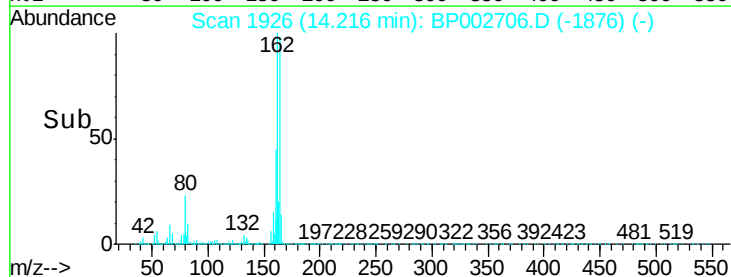
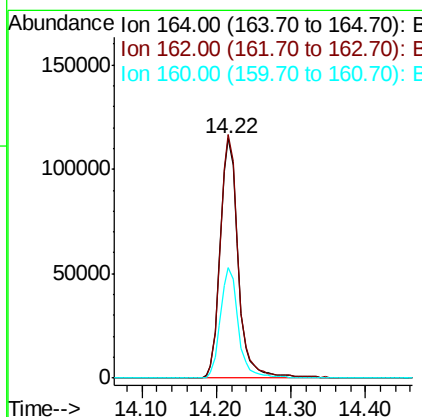
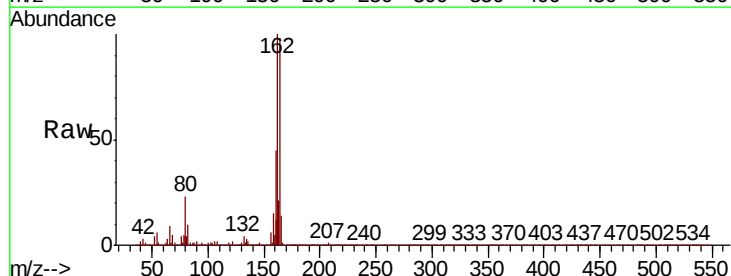
Instrument :
 BNA_P
 ClientSampleId :
 RO-16RE

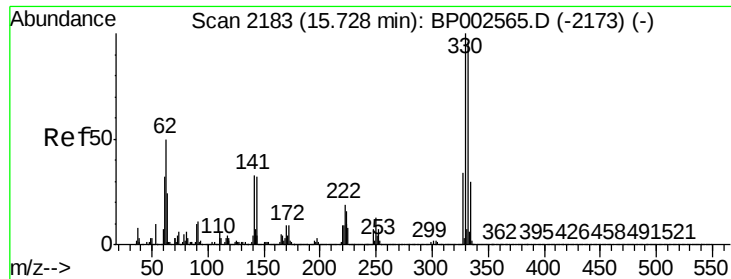
Tot Ion	82	Resp	254839
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.4	50.2
54	49.2	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002706.D
 Acq: 09 Jul 2020 20:13

Tgt Ion	164	Resp	193231
Ion Ratio	Lower	Upper	
164	100		
162	101.6	80.3	120.5
160	46.2	35.0	52.6

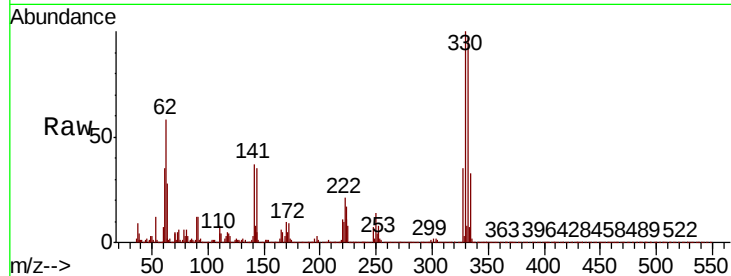




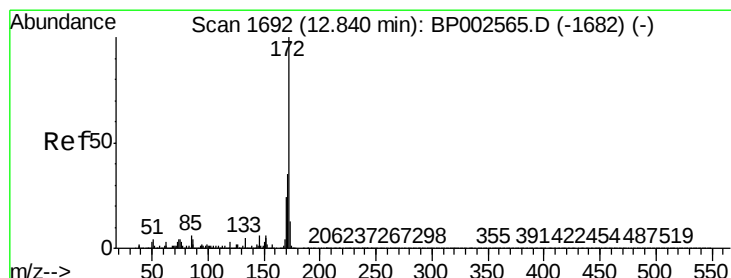
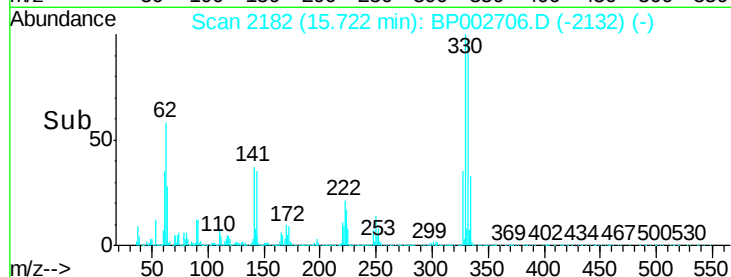
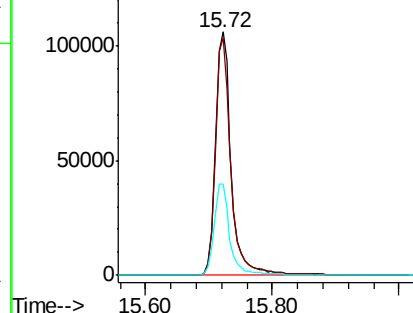
#42
 2,4,6-Tribromophenol
 Concen: 79.096 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002706.D
 Acq: 09 Jul 2020 20:13

Instrument :
 BNA_P
 ClientSampleId :
 RO-16RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	37.5	29.0	43.6

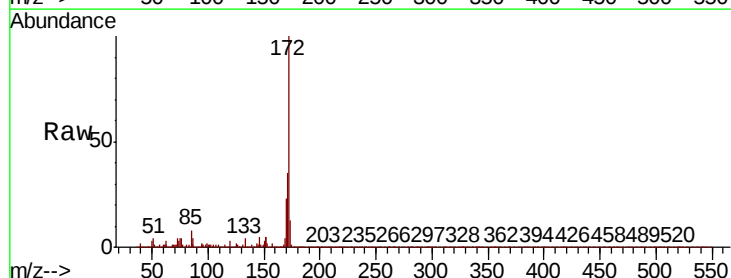


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

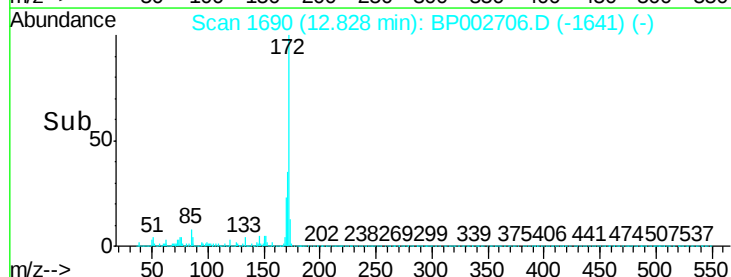
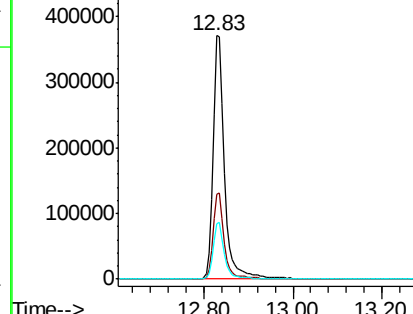


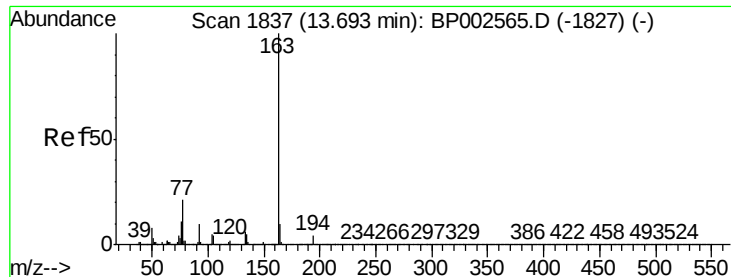
#45
 2-Fluorobiphenyl
 Concen: 51.297 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP002706.D
 Acq: 09 Jul 2020 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	22.7	19.0	28.4



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: 7.363 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

Instrument :

BNA_P

ClientSampleId :

RO-16RE

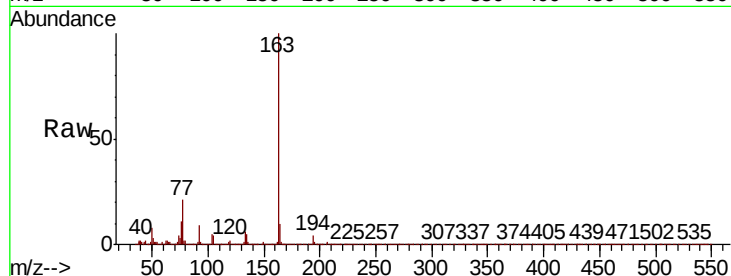
Tot Ion:163 Resp: 111750

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

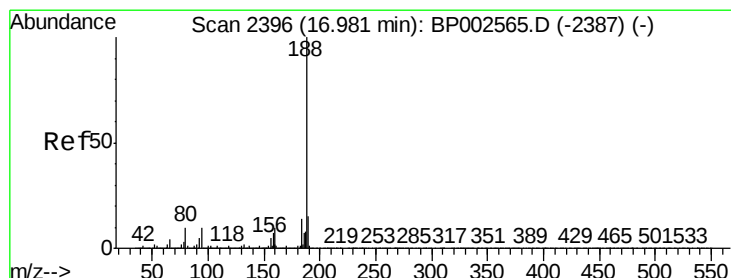
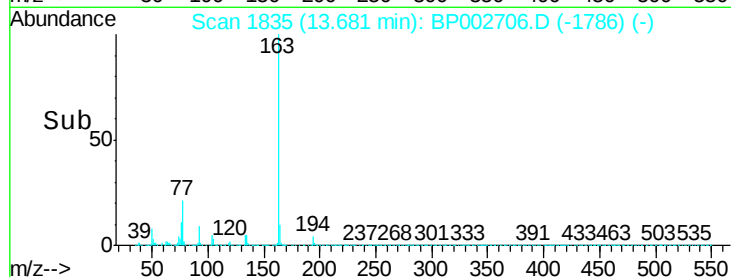
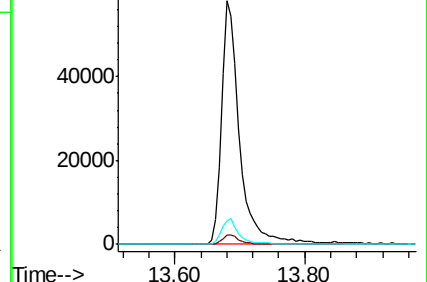
164 9.5 8.2 12.4



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: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

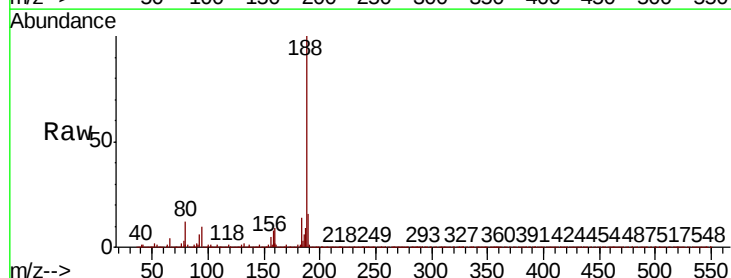
Tgt Ion:188 Resp: 514953

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

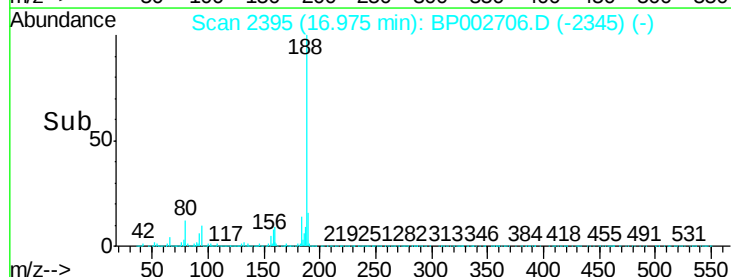
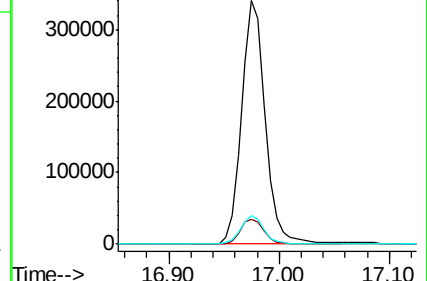
80 11.8 8.2 12.4

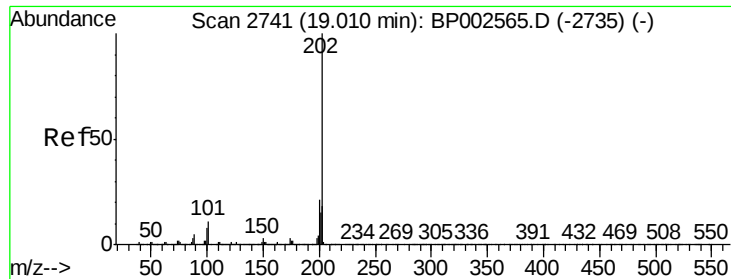


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#75

Fluoranthene

Concen: 3.188 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

Instrument :

BNA_P

ClientSampled :

RO-16RE

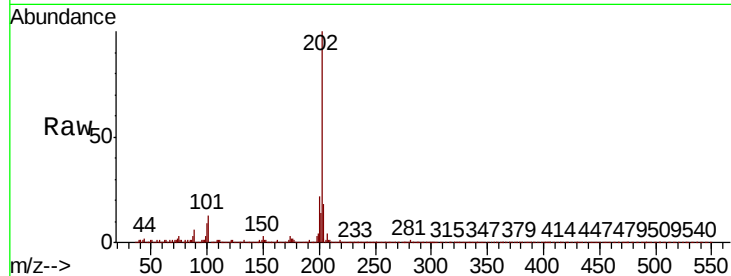
Tot Ion:202 Resp: 106906

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.6

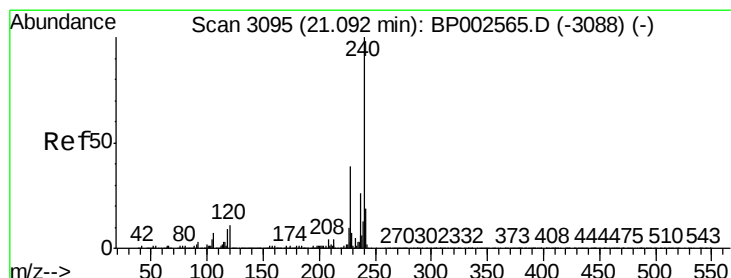
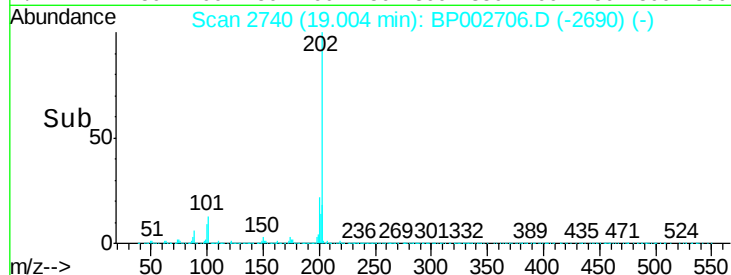
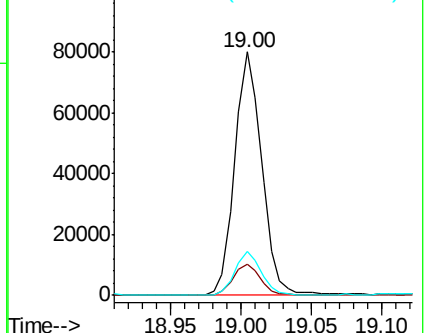
203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

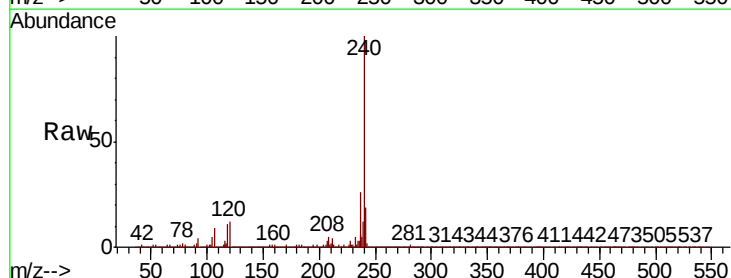
Tgt Ion:240 Resp: 811242

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

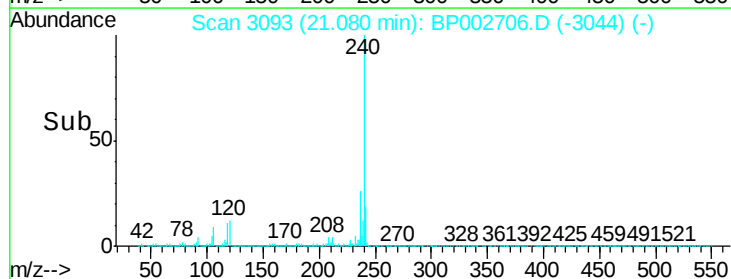
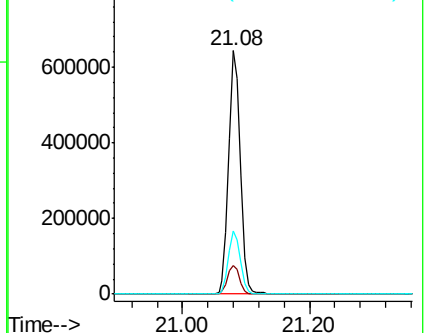
236 26.2 20.8 31.2

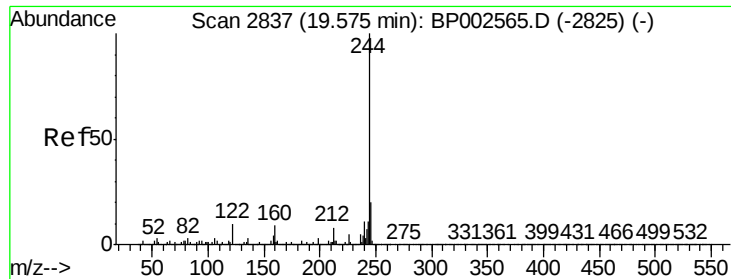


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 47.355 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

Instrument :

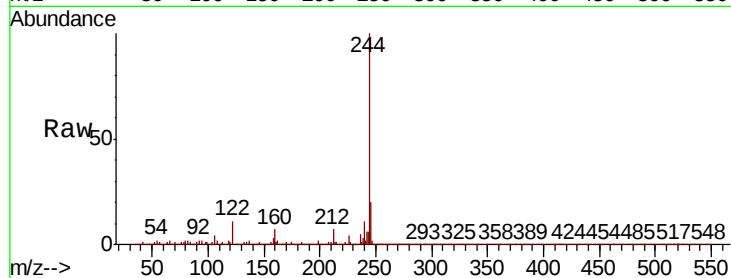
BNA_P

ClientSampleId :

RO-16RE

Tot Ion:244 Resp: 1779798

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	10.8	7.9	11.9

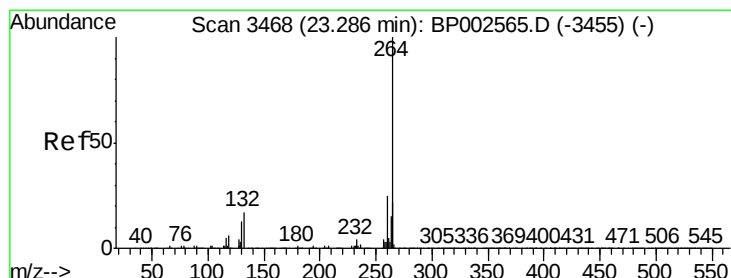
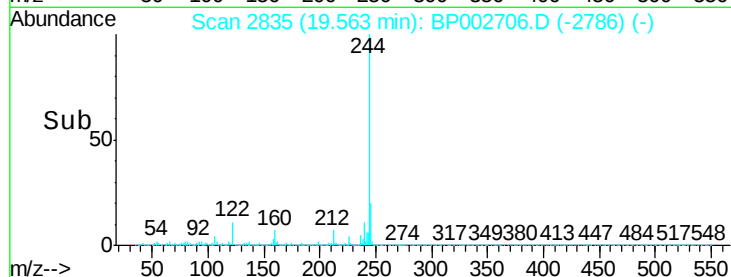


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BP002706.D

Acq: 09 Jul 2020 20:13

Tgt Ion:264 Resp: 1024120

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	20.9	17.6	26.4

