

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125276.D
 Acq On : 30 Aug 2021 22:37
 Operator : JU/CG
 Sample : M3561-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1

Quant Time: Aug 31 05:31:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

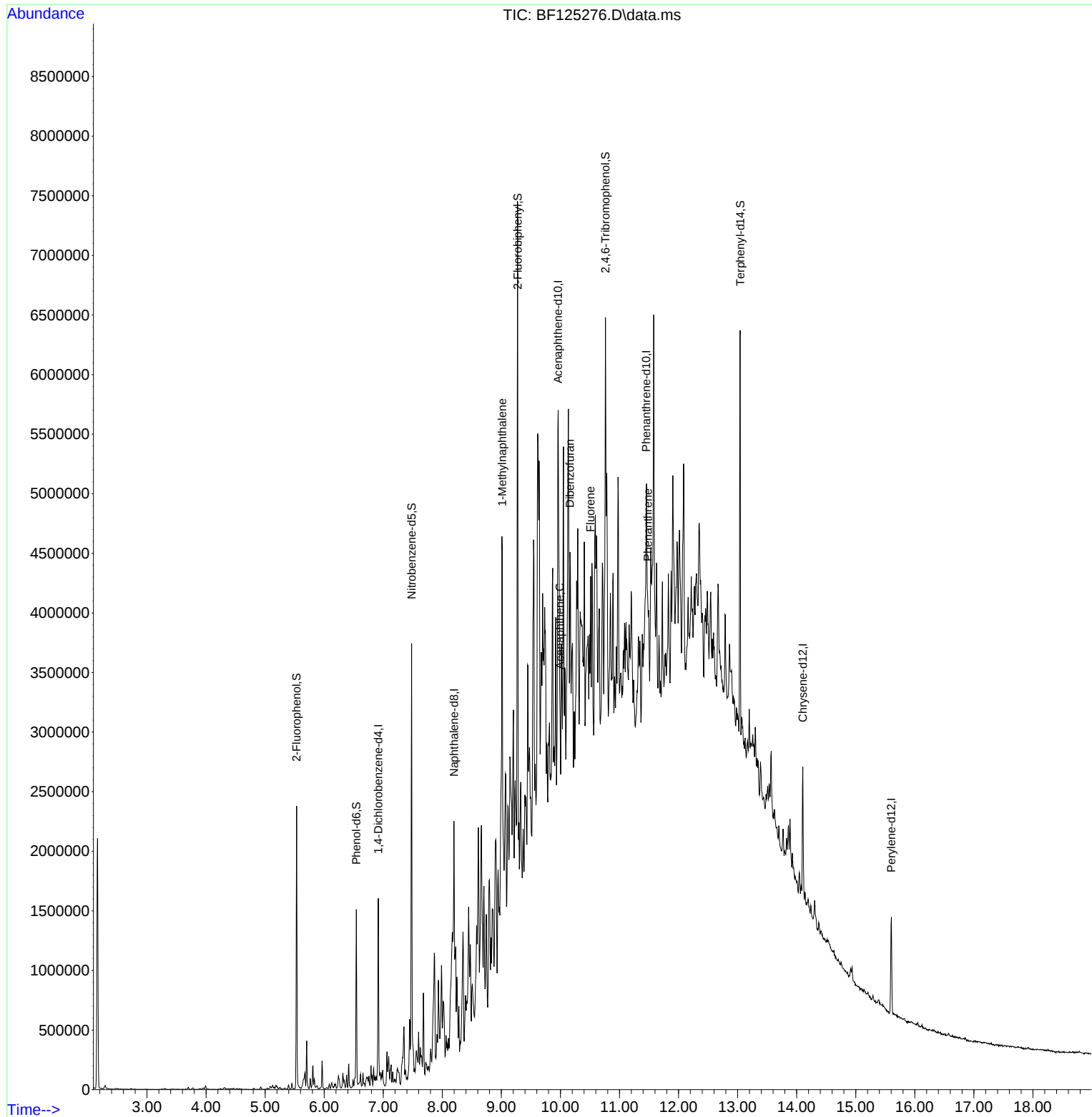
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	169225	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	634662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	301673	20.000	ng	# 0.00
64) Phenanthrene-d10	11.451	188	477685	20.000	ng	# 0.01
76) Chrysene-d12	14.104	240	435357	20.000	ng	# 0.02
86) Perylene-d12	15.604	264	387941	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	572255	51.184	ng	0.00
7) Phenol-d6	6.545	99	460964	31.879	ng	0.00
23) Nitrobenzene-d5	7.481	82	991661	78.663	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	461965	153.407	ng	0.02
45) 2-Fluorobiphenyl	9.275	172	1727357	79.804	ng	0.00
79) Terphenyl-d14	13.045	244	1440898	52.726	ng	0.02
Target Compounds						
38) 1-Methylnaphthalene	9.016	142	697290	34.765	ng	Qvalue 97
52) Acenaphthene	9.992	154	63080	3.533	ng	# 87
55) Dibenzofuran	10.163	168	78092	3.039	ng	# 54
58) Fluorene	10.510	166	130575	6.874	ng	# 97
71) Phenanthrene	11.480	178	126664	4.812	ng	# 74

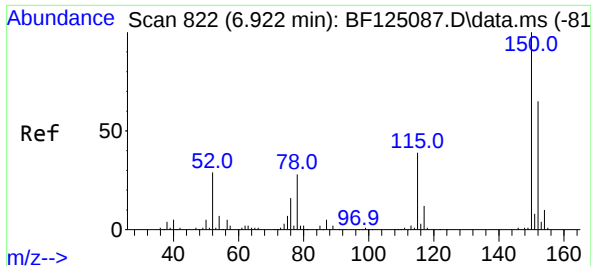
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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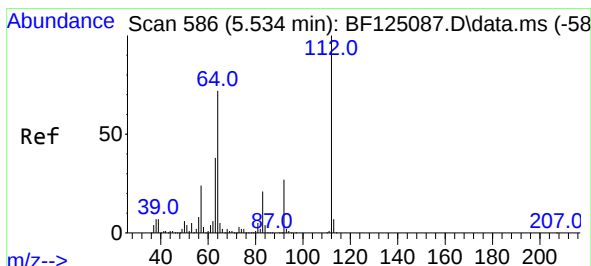
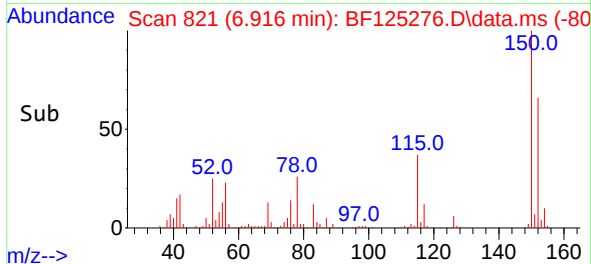
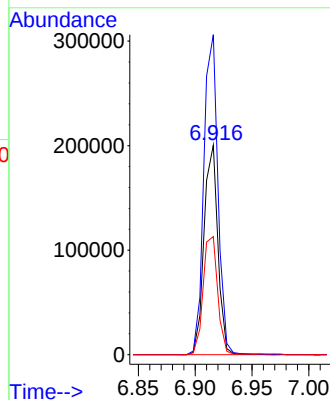
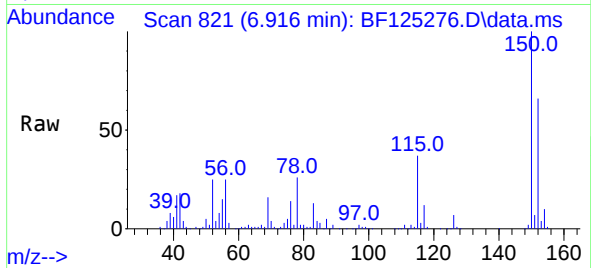




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

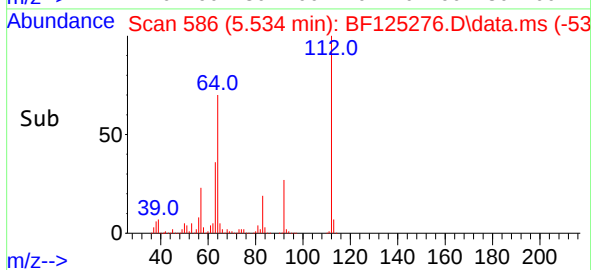
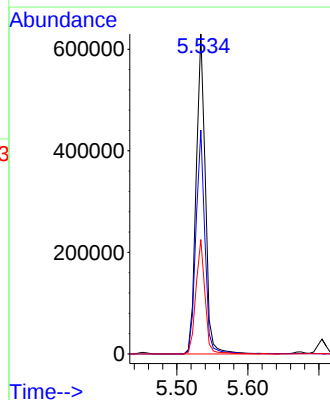
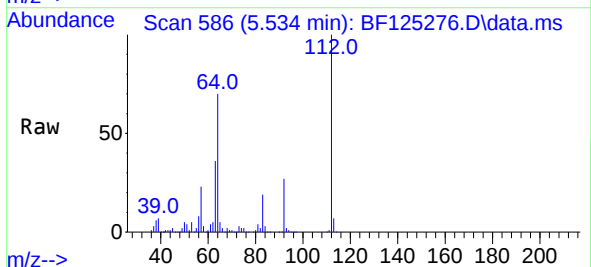
Instrument :
BNA_F
ClientSampled :
DAY-1

Tgt Ion:152 Resp: 169225
Ion Ratio Lower Upper
152 100
150 152.6 117.6 176.4
115 56.3 47.1 70.7



#5
2-Fluorophenol
Concen: 51.184 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:112 Resp: 572255
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 35.8 26.2 39.2

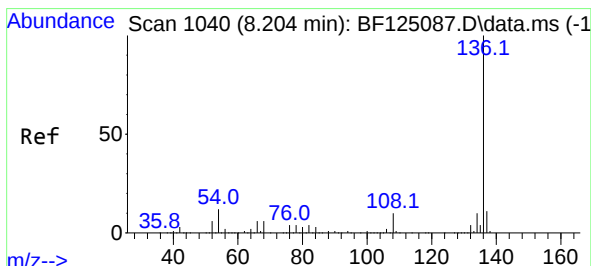
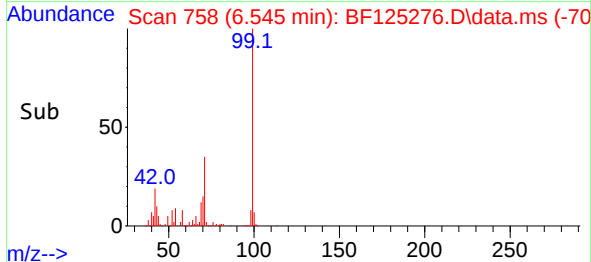
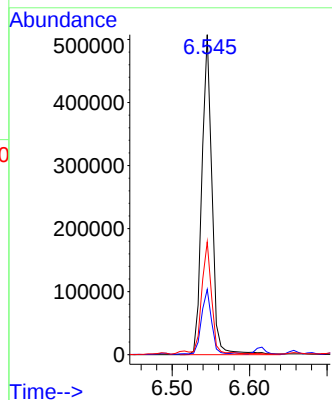
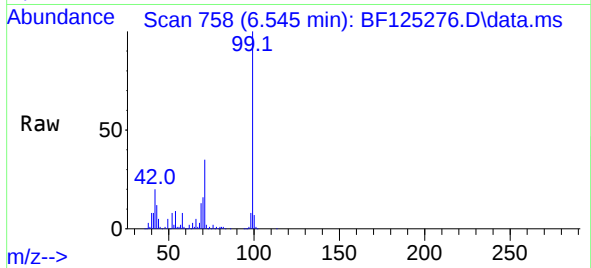




#7
Phenol-d6
Concen: 31.879 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

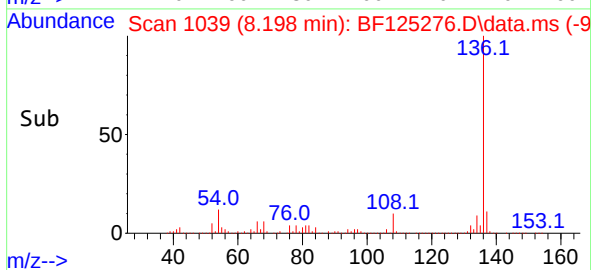
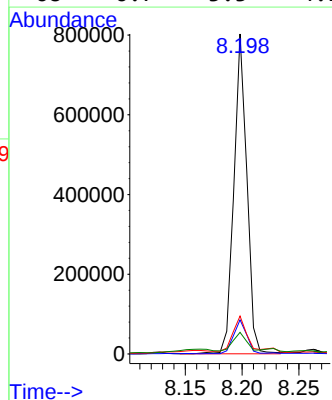
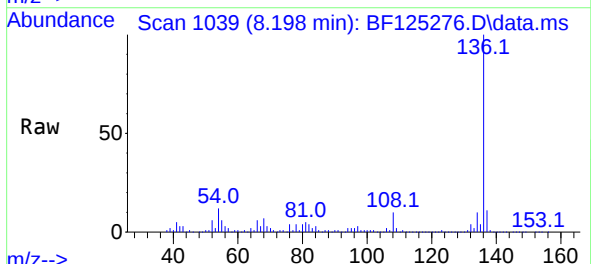
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BNA_F
ClientSampleId :
DAY-1

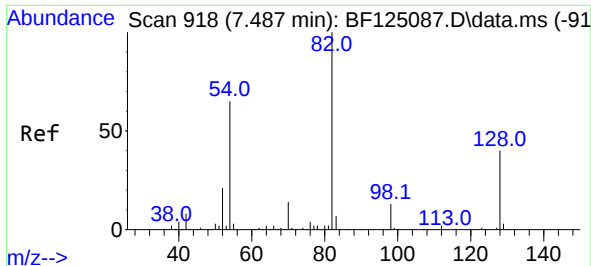
Tgt Ion: 99 Resp: 460964
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 35.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion: 136 Resp: 634662
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 11.8 6.4 9.6#
68 6.7 3.3 4.9#

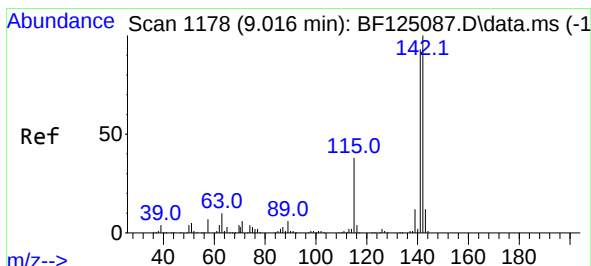
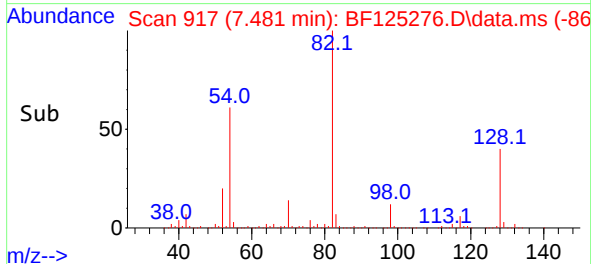
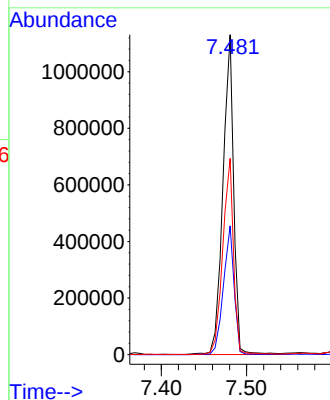
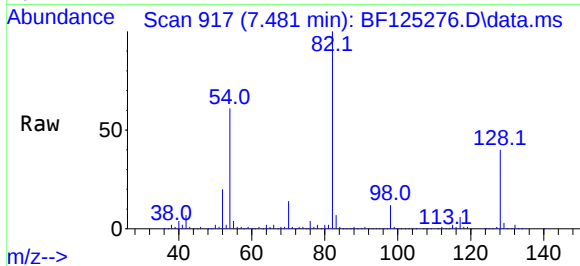




#23
Nitrobenzene-d5
Concen: 78.663 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

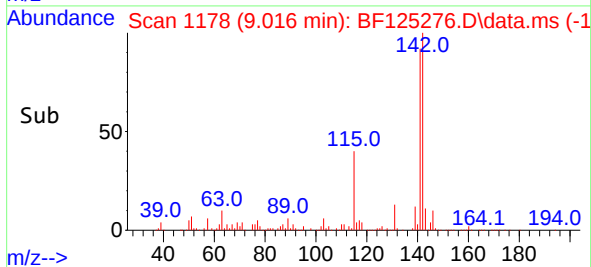
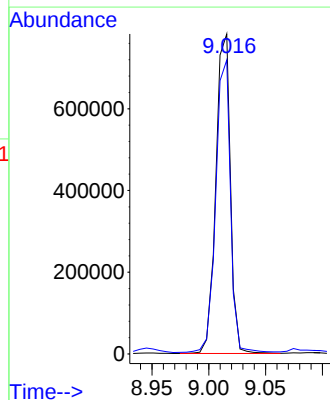
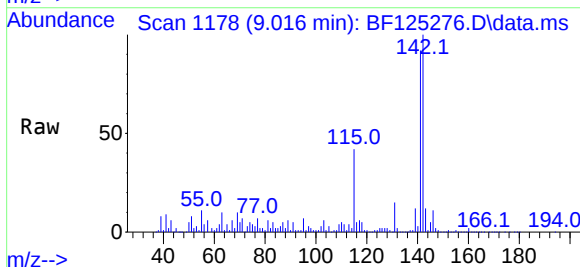
Instrument :
BNA_F
ClientSampleId :
DAY-1

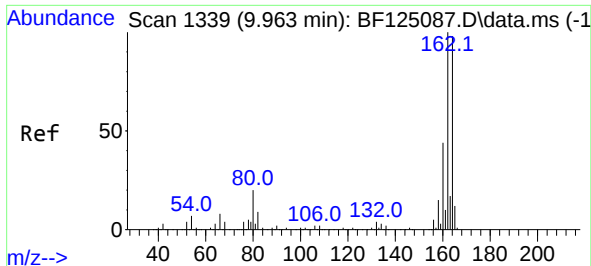
Tgt Ion: 82 Resp: 991661
Ion Ratio Lower Upper
82 100
128 40.3 40.6 60.8#
54 61.3 49.6 74.4



#38
1-Methylnaphthalene
Concen: 34.765 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion: 142 Resp: 697290
Ion Ratio Lower Upper
142 100
141 91.8 76.0 114.0

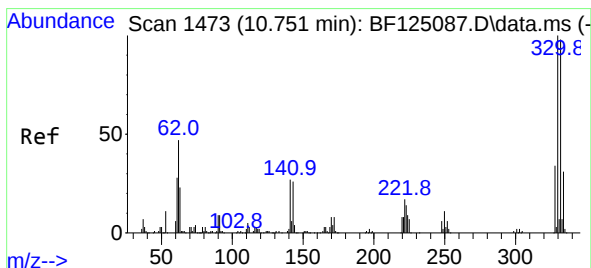
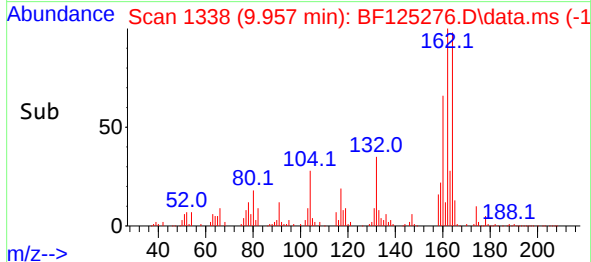
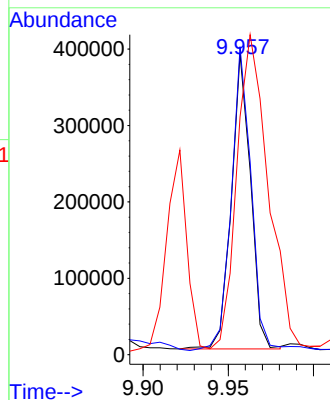
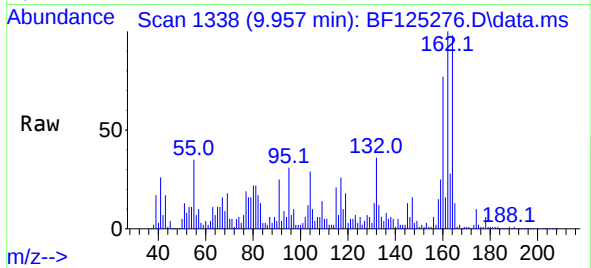




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

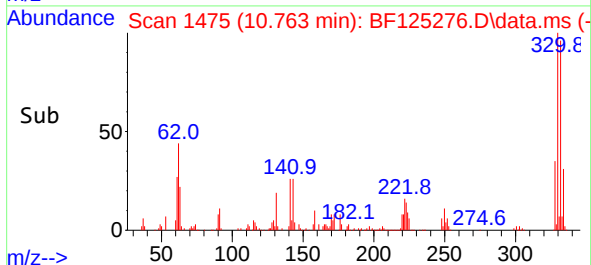
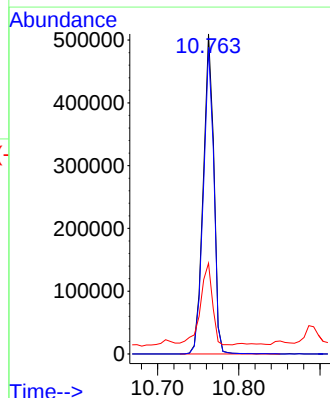
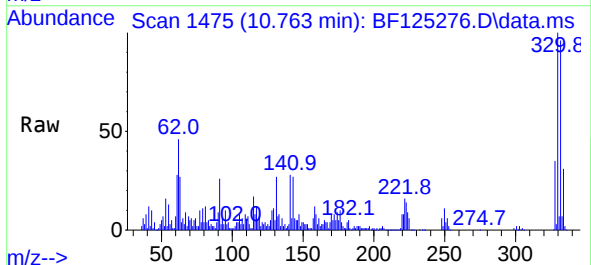
Instrument :
BNA_F
ClientSampleId :
DAY-1

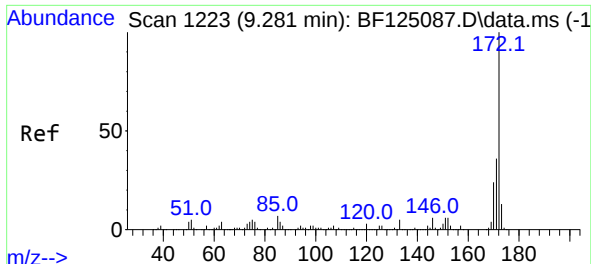
Tgt Ion:164 Resp: 301673
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 79.0 38.0 57.0#



#42
2,4,6-Tribromophenol
Concen: 153.407 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.024 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:330 Resp: 461965
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 28.9 44.6 66.8#

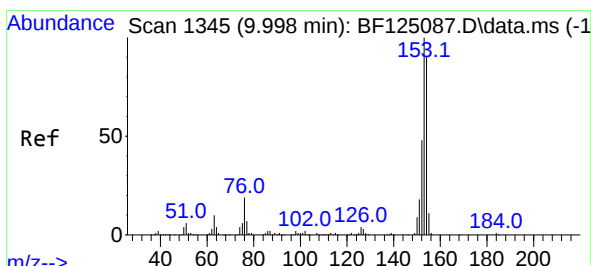
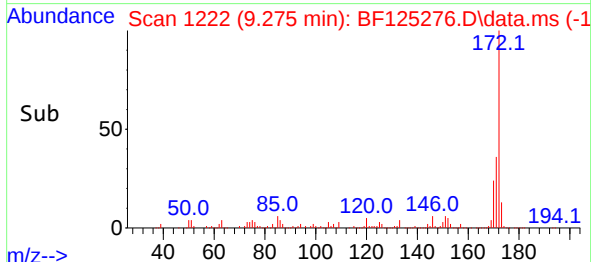
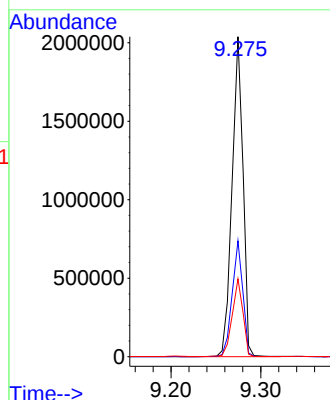
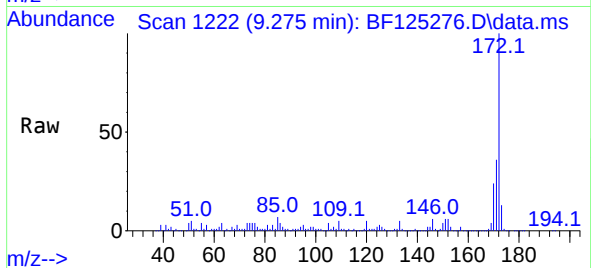




#45
2-Fluorobiphenyl
Concen: 79.804 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

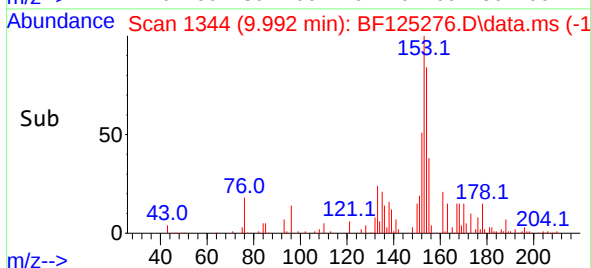
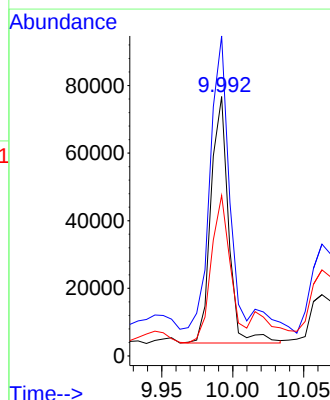
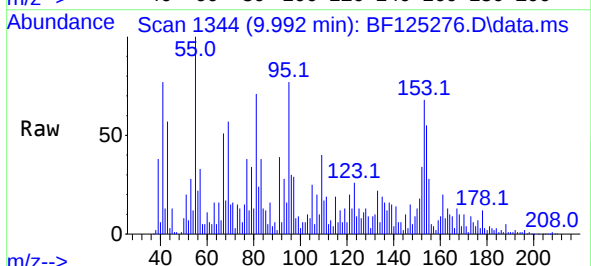
Instrument :
BNA_F
ClientSampled :
DAY-1

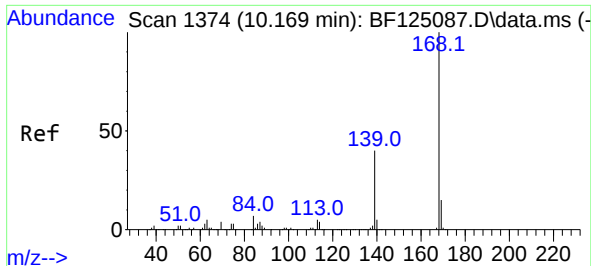
Tgt Ion:172 Resp: 1727357
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.3 18.8 28.2



#52
Acenaphthene
Concen: 3.533 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:154 Resp: 63080
Ion Ratio Lower Upper
154 100
153 123.4 89.4 134.2
152 61.9 40.5 60.7#

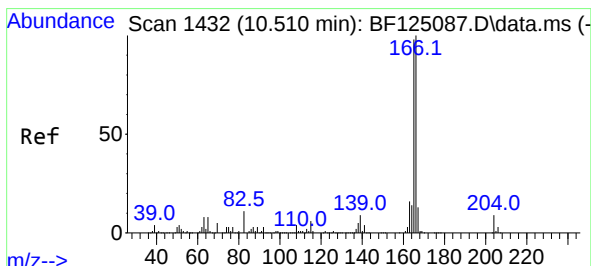
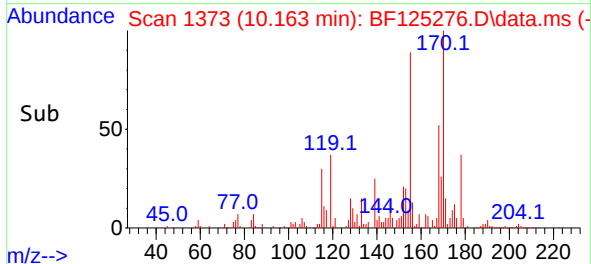
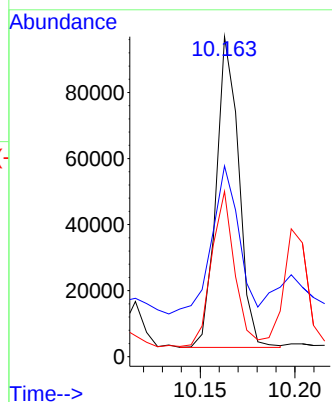
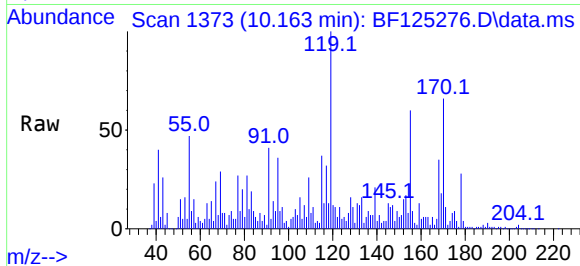




#55
Dibenzenofuran
Concen: 3.039 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

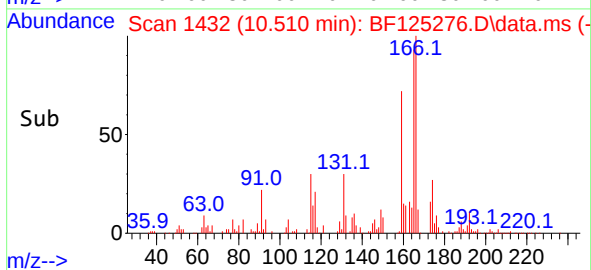
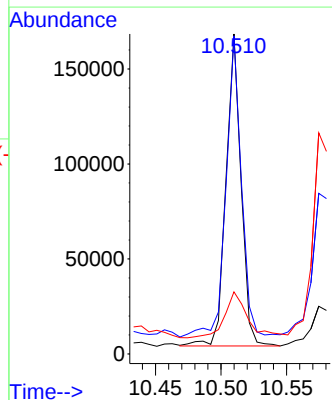
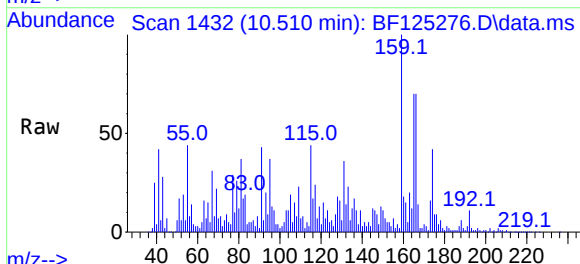
Instrument :
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DAY-1

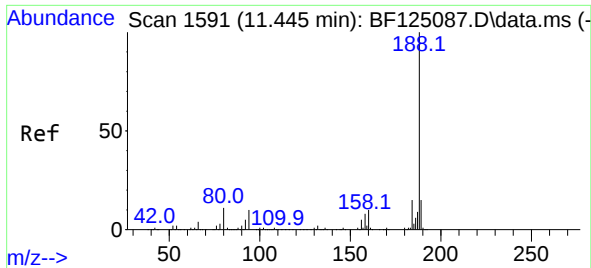
Tgt Ion:168 Resp: 78092
Ion Ratio Lower Upper
168 100
139 59.6 32.7 49.1#
169 51.7 11.2 16.8#



#58
Fluorene
Concen: 6.874 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:166 Resp: 130575
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 19.4 11.1 16.7#

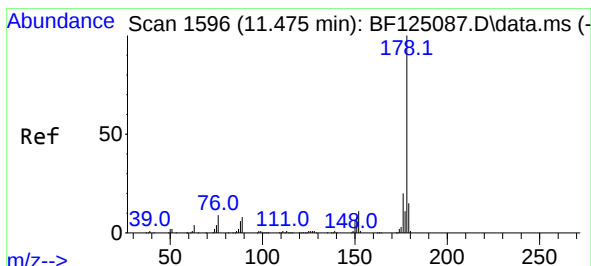
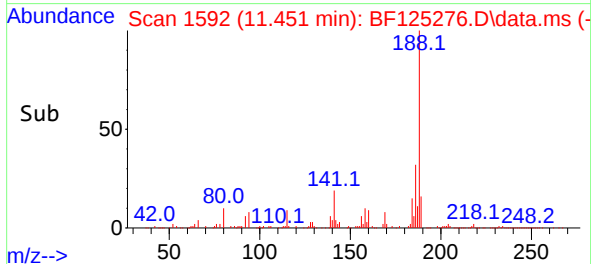
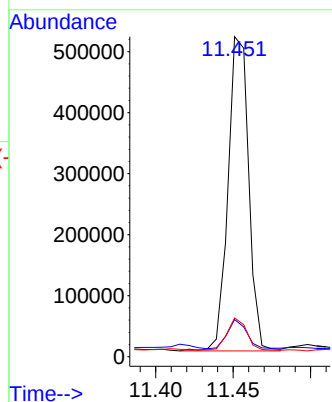
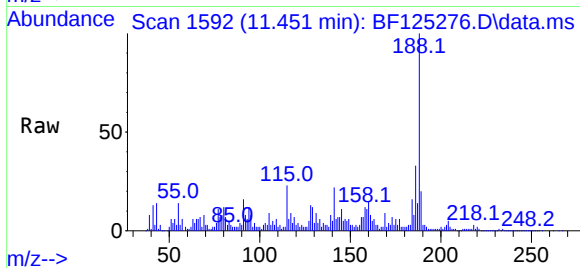




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.012 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

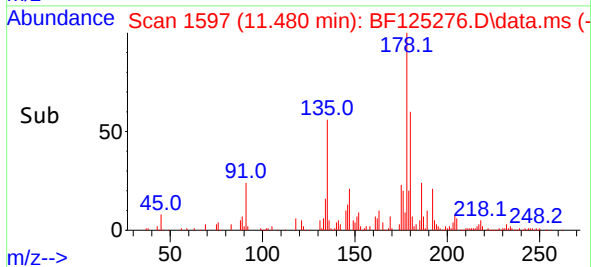
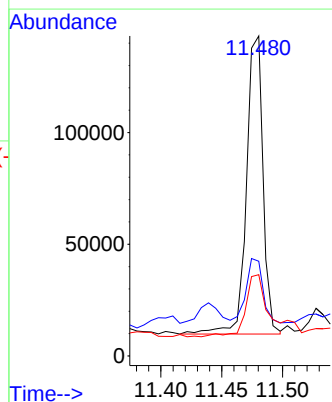
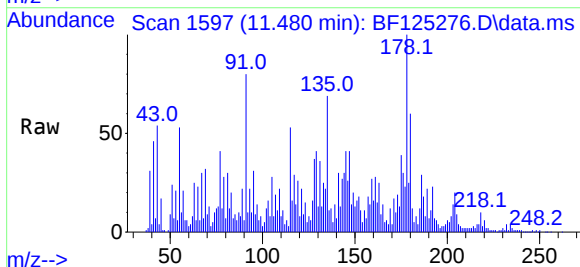
Instrument :
BNA_F
ClientSampled :
DAY-1

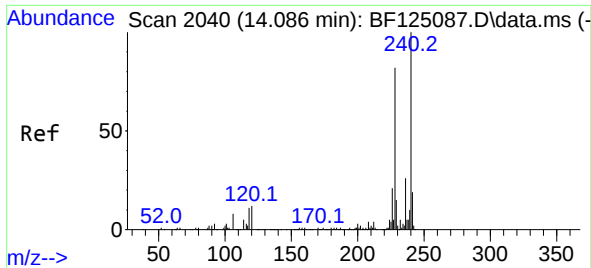
Tgt Ion:188 Resp: 477685
Ion Ratio Lower Upper
188 100
94 11.6 6.7 10.1#
80 12.1 7.5 11.3#



#71
Phenanthrene
Concen: 4.812 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.018 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:178 Resp: 126664
Ion Ratio Lower Upper
178 100
176 29.6 14.7 22.1#
179 25.4 11.5 17.3#

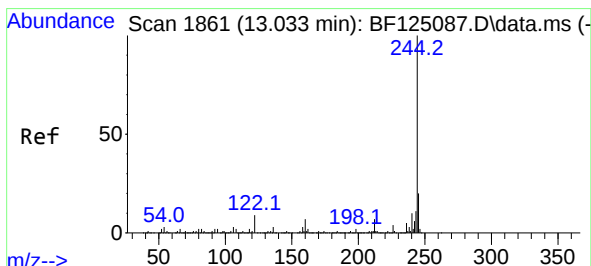
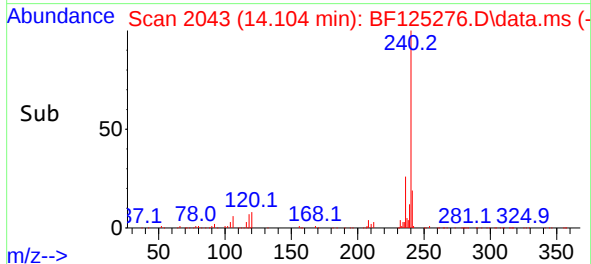
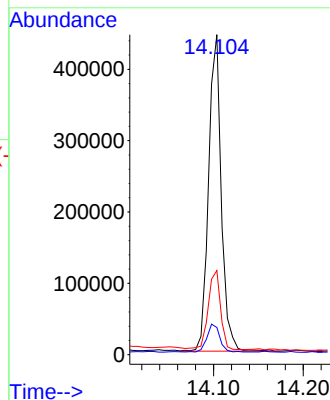
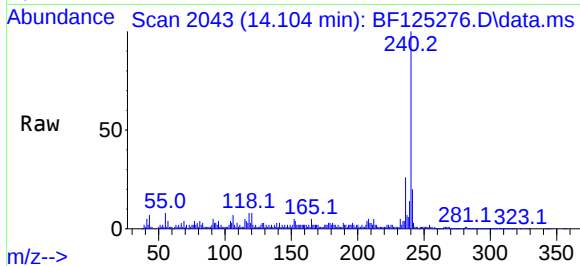




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.024 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

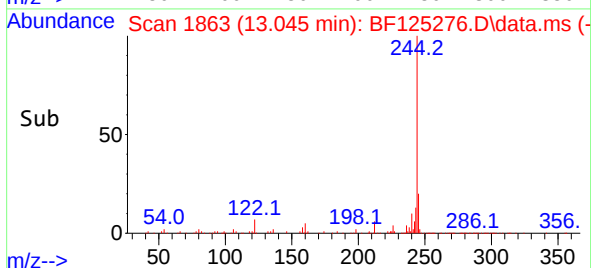
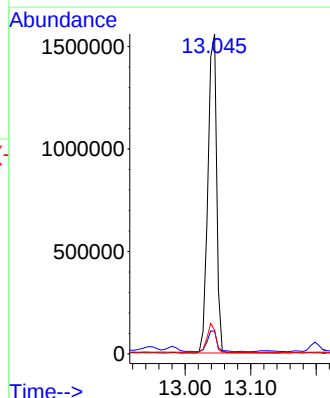
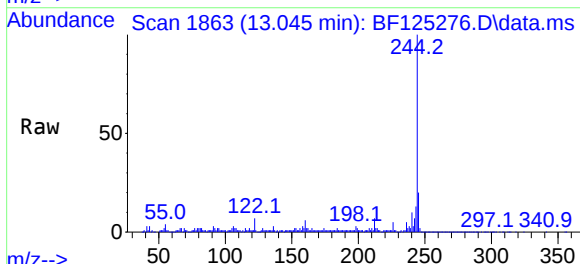
Instrument :
BNA_F
ClientSampled :
DAY-1

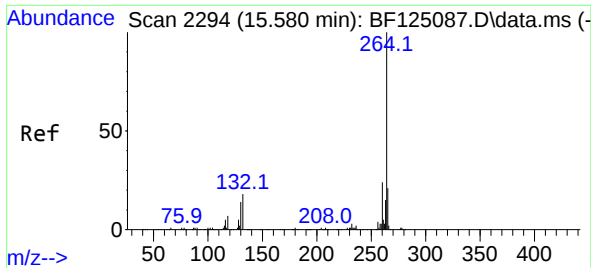
Tgt Ion:240 Resp: 435357
Ion Ratio Lower Upper
240 100
120 8.5 10.8 16.2#
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 52.726 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.024 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:244 Resp: 1440898
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 7.4 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2298
Delta R.T. 0.029 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tgt Ion:264 Resp: 387941

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.1	17.2	25.8

