

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009585.D
 Acq On : 29 Mar 2022 02:12
 Operator : CG/JU
 Sample : N2095-14 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-14-4.0-5.0

Quant Time: Mar 29 03:15:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

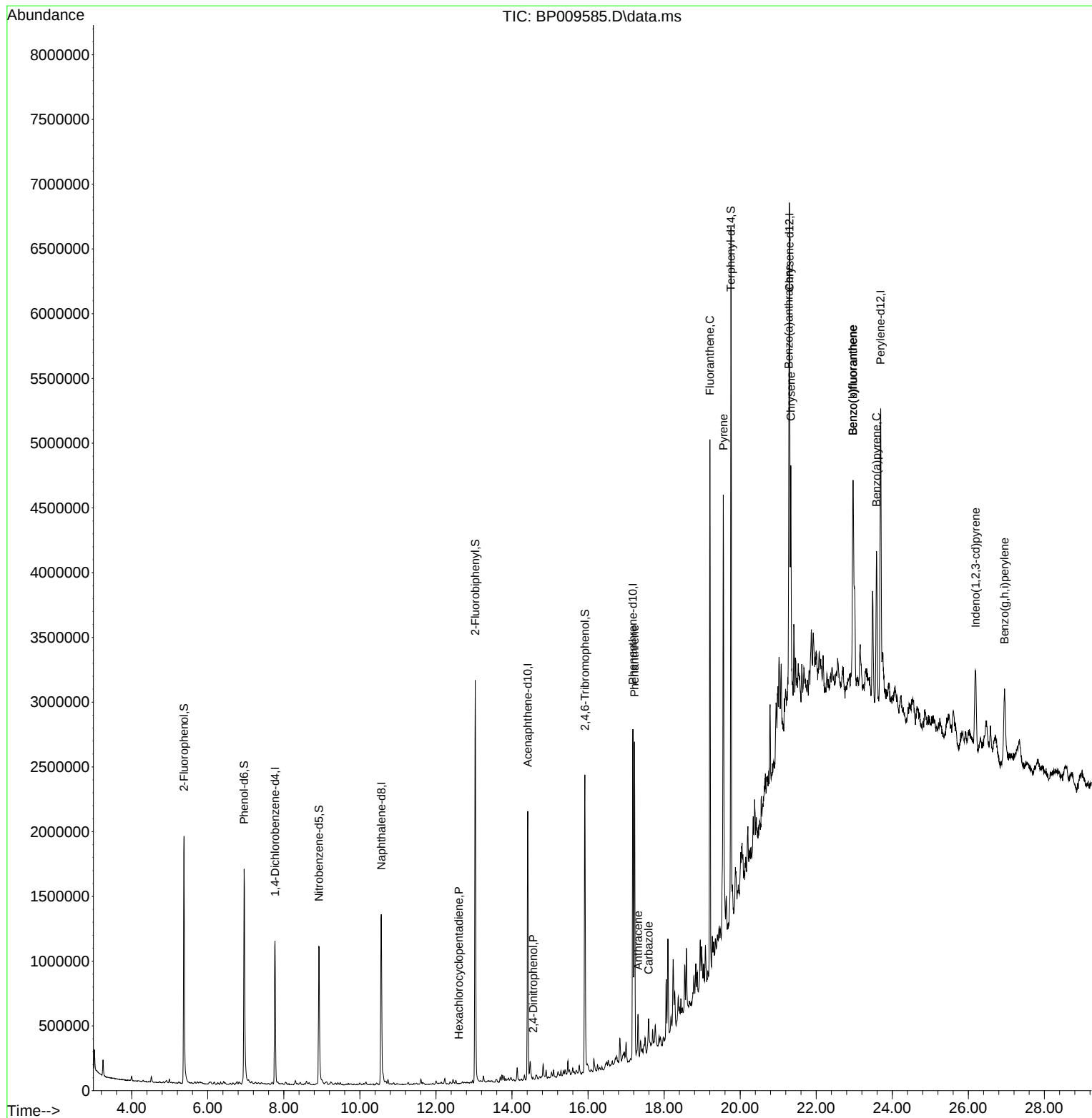
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	350631	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1294609	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	796032	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1671814	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1632256	20.000	ng	0.00
86) Perylene-d12	23.692	264	1826036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1027325	51.155	ng	0.00
7) Phenol-d6	6.958	99	1245492	45.859	ng	0.00
23) Nitrobenzene-d5	8.922	82	799238	32.807	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	528523	40.235	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	1846918	32.164	ng	0.00
79) Terphenyl-d14	19.757	244	2872746	31.590	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.922	77	7632	Below Cal		83
41) Hexachlorocyclopentadiene	12.604	237	39	7.291 ng		78
54) 2,4-Dinitrophenol	14.557	184	57	4.539 ng	#	1
71) Phenanthrene	17.222	178	1568499	17.527 ng		100
72) Anthracene	17.316	178	233549	2.643 ng		99
73) Carbazole	17.592	167	182126	2.108 ng		97
75) Fluoranthene	19.204	202	2453462	22.645 ng		99
78) Pyrene	19.557	202	2090908	19.440 ng		100
81) Benzo(a)anthracene	21.280	228	1009838	9.417 ng		97
83) Chrysene	21.333	228	1134557	11.173 ng		97
87) Indeno(1,2,3-cd)pyrene	26.192	276	756280	5.459 ng	#	93
88) Benzo(b)fluoranthene	22.968	252	1992824	18.281 ng	#	96
89) Benzo(k)fluoranthene	22.968	252	1994552	18.688 ng		95
90) Benzo(a)pyrene	23.586	252	975948	10.464 ng		97
92) Benzo(g,h,i)perylene	26.951	276	758108	6.674 ng		97

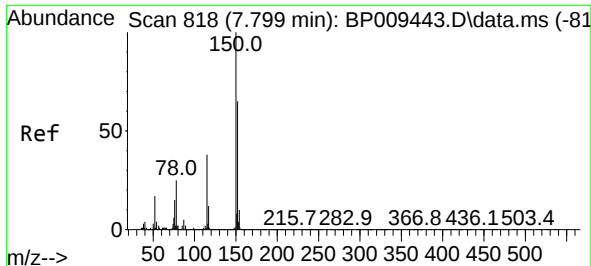
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Time: Mar 29 03:15:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

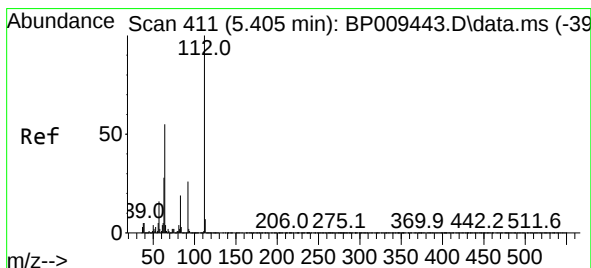
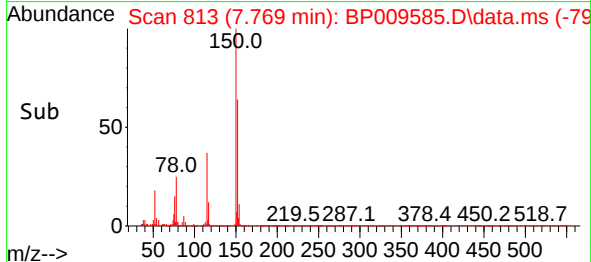
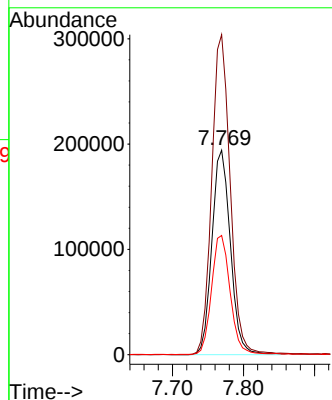
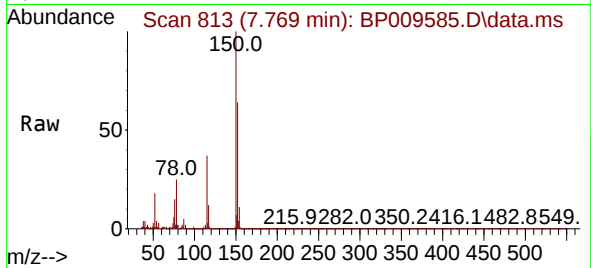




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009585.D
 Acq: 29 Mar 2022 02:12

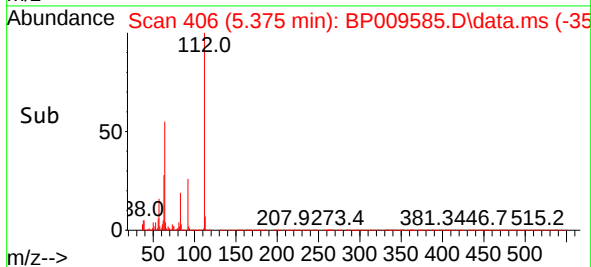
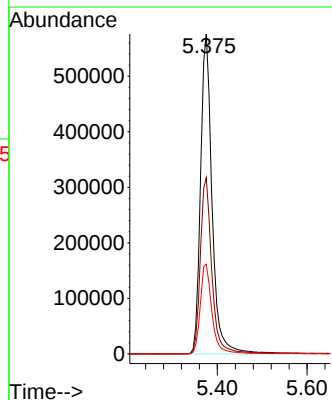
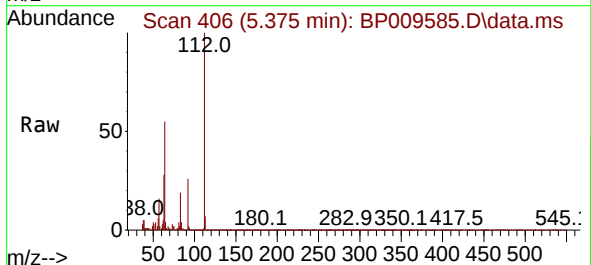
Instrument :
 BNA_P
 ClientSampleId :
 SB-14-4.0-5.0

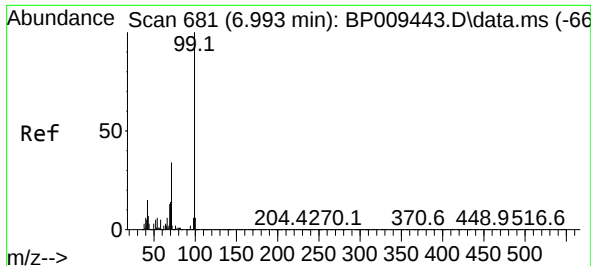
Tgt Ion:152 Resp: 350631
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.5 186.7
 115 58.2 48.2 72.4



#5
 2-Fluorophenol
 Concen: 51.155 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: BP009585.D
 Acq: 29 Mar 2022 02:12

Tgt Ion:112 Resp: 1027325
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.0 67.4
 63 28.0 23.0 34.6

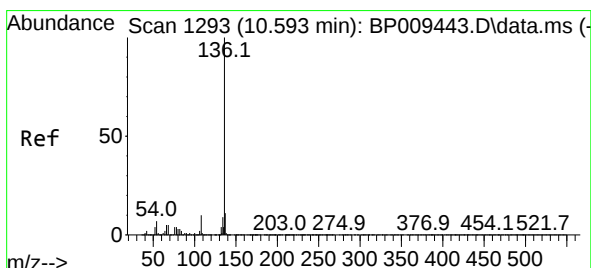
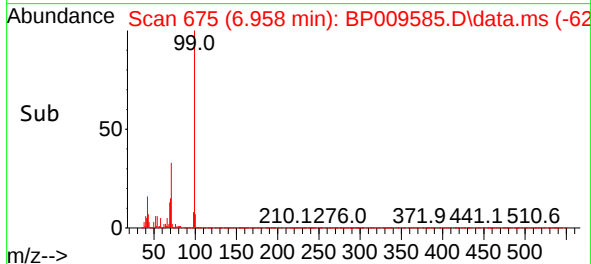
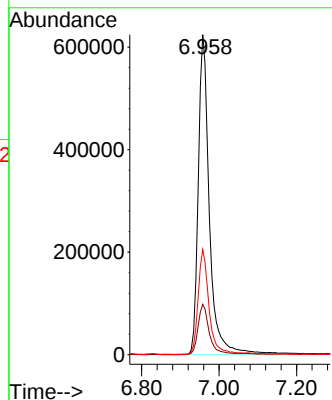
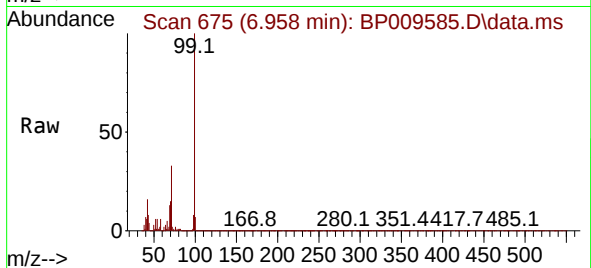




#7
Phenol-d6
Concen: 45.859 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

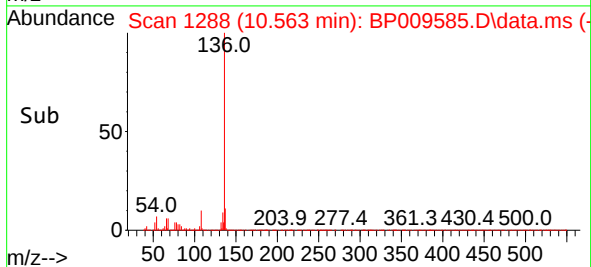
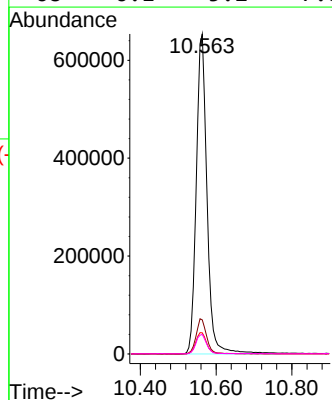
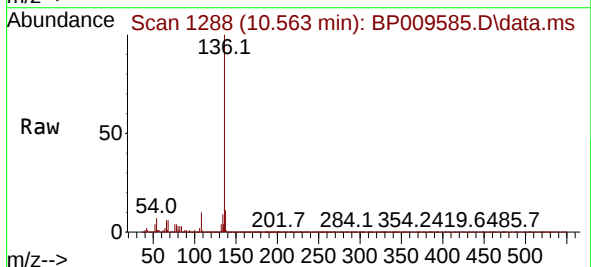
Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

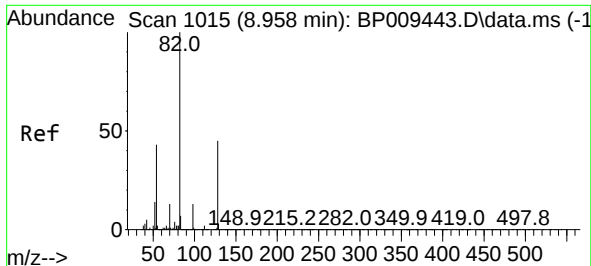
Tgt Ion: 99 Resp: 1245492
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 32.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

Tgt Ion: 136 Resp: 1294609
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 5.8 8.8
68 6.1 5.2 7.8

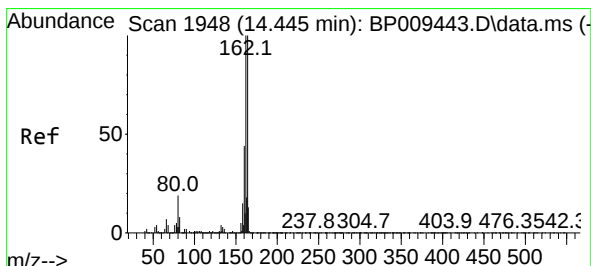
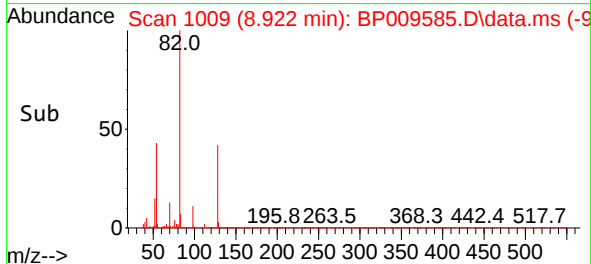
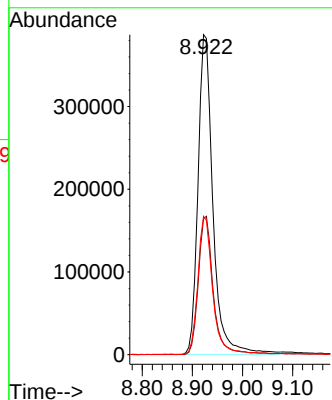
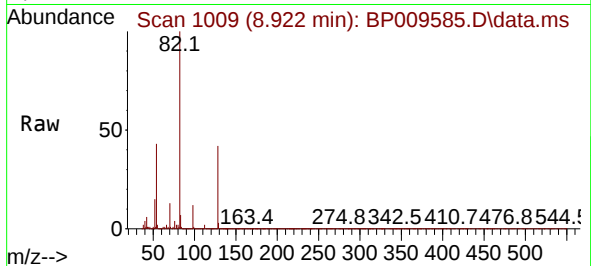




#23
Nitrobenzene-d5
Concen: 32.807 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

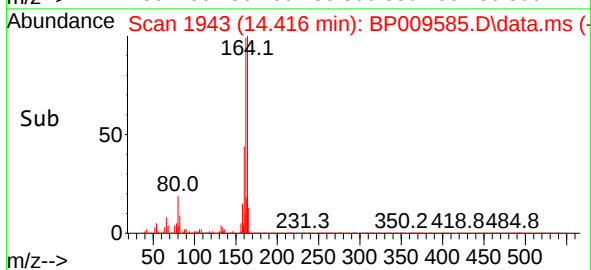
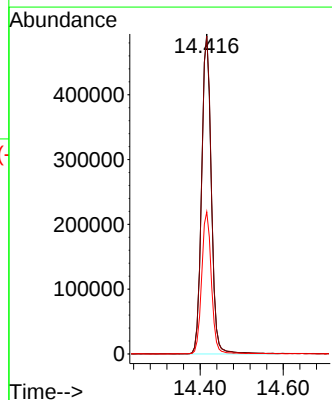
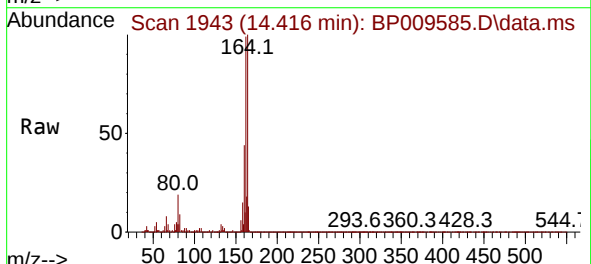
Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

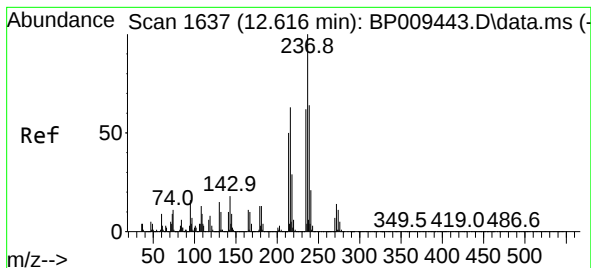
Tgt Ion: 82 Resp: 799238
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.4
54 43.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

Tgt Ion: 164 Resp: 796032
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 44.4 34.9 52.3

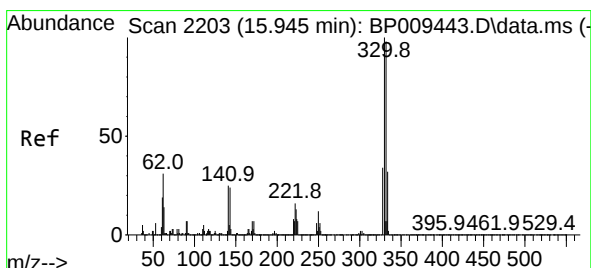
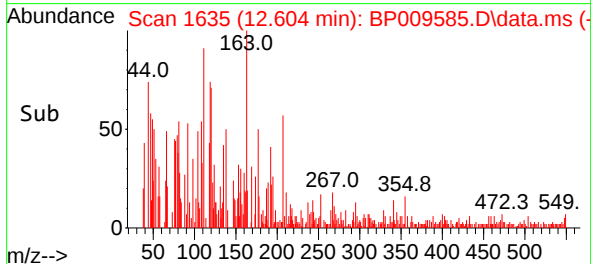
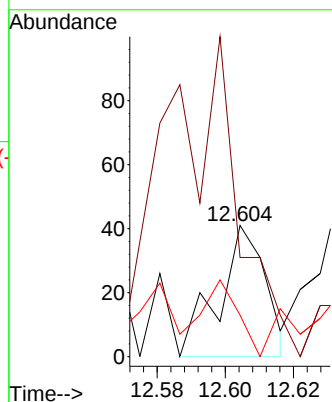
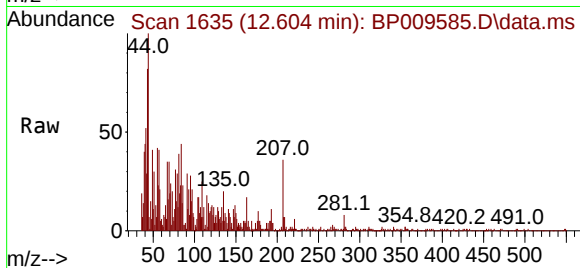




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.604 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

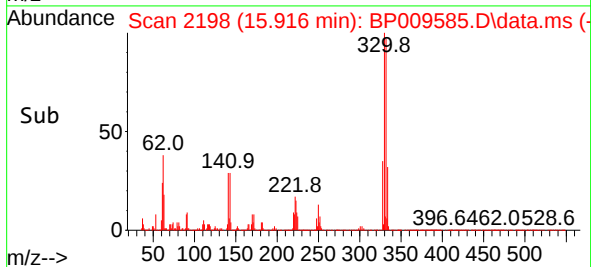
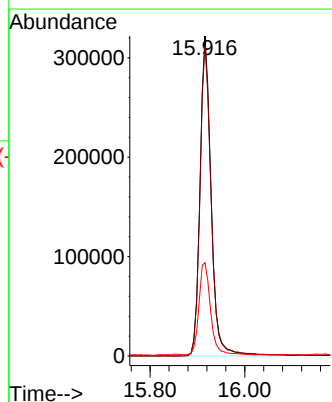
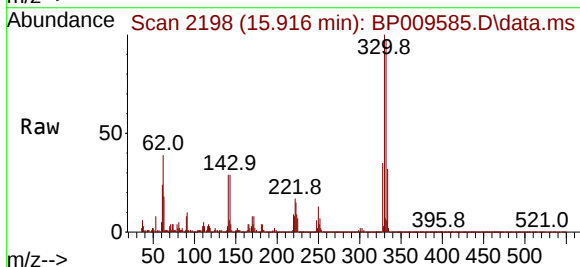
Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

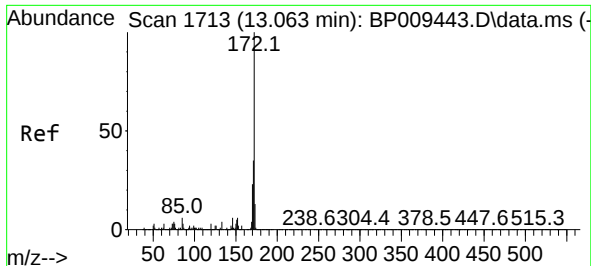
Tgt Ion:	237	Resp:	39
Ion	Ratio	Lower	Upper
237	100		
235	75.6	42.6	82.6
272	31.7	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 40.235 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

Tgt Ion:	330	Resp:	528523
Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	30.1	27.6	41.4

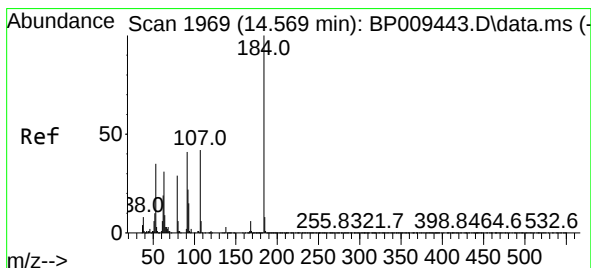
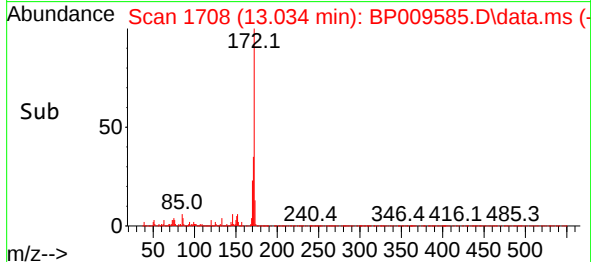
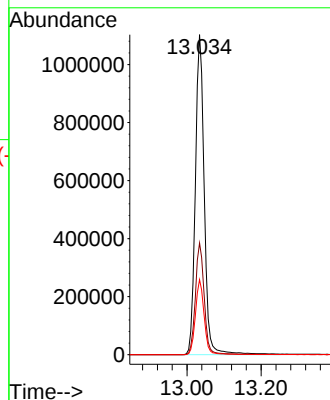
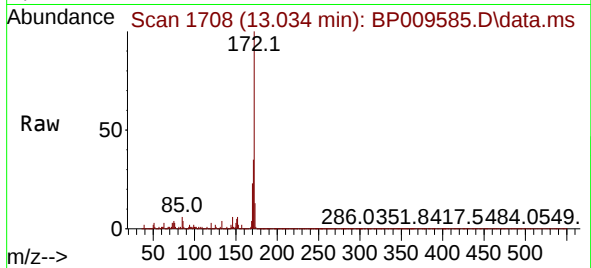




#45
2-Fluorobiphenyl
Concen: 32.164 ng
RT: 13.034 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

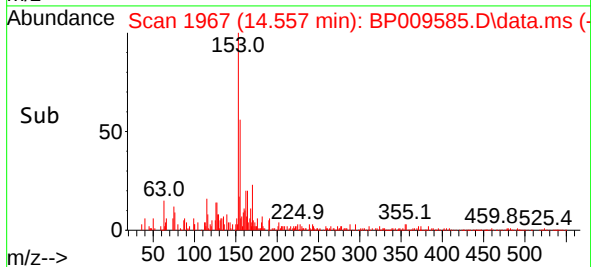
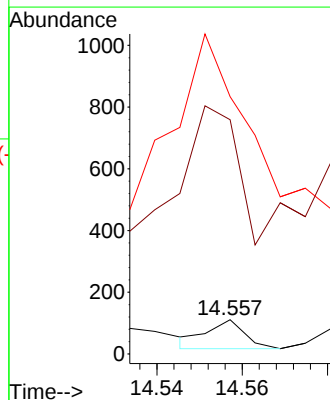
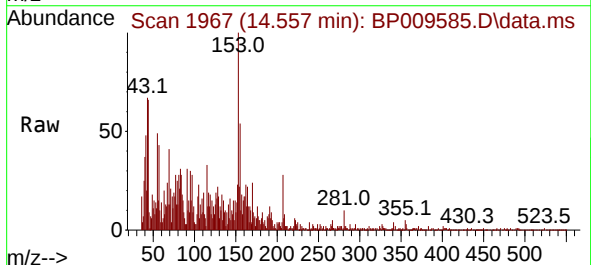
Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

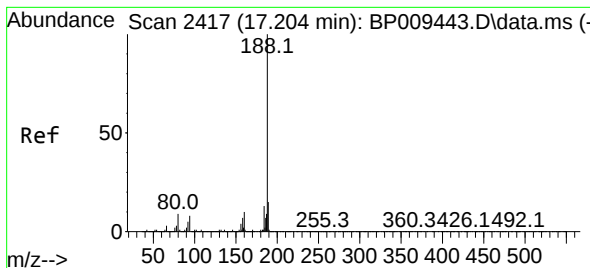
Tgt Ion:172 Resp: 1846918
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.539 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 683.8 46.3 69.5#
154 751.4 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Instrument :

BNA_P

ClientSampleId :

SB-14-4.0-5.0

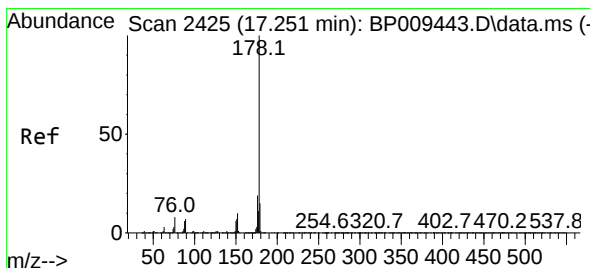
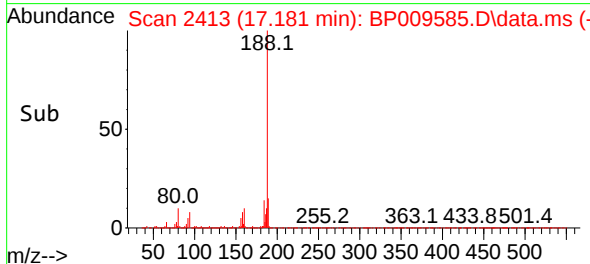
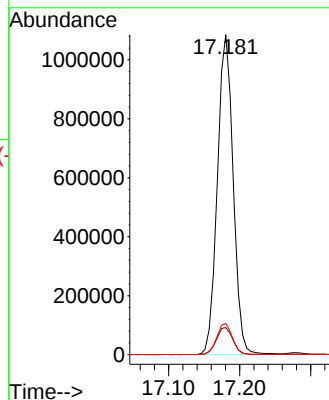
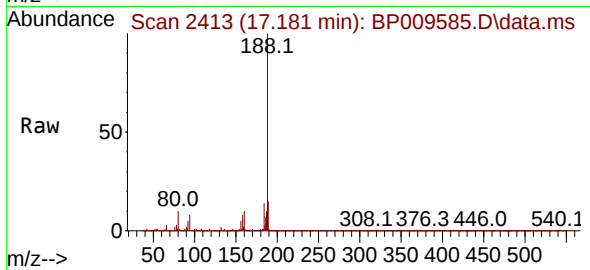
Tgt Ion:188 Resp: 1671814

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

80 9.8 8.8 13.2



#71

Phenanthrene

Concen: 17.527 ng

RT: 17.222 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

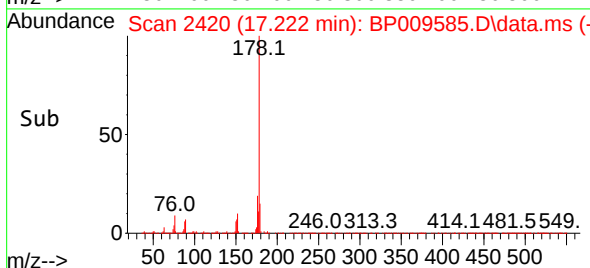
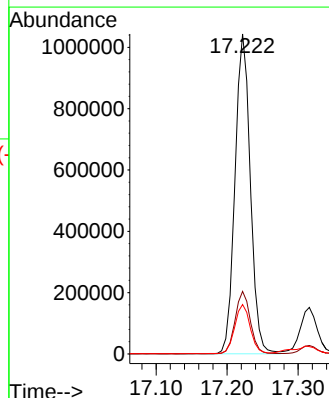
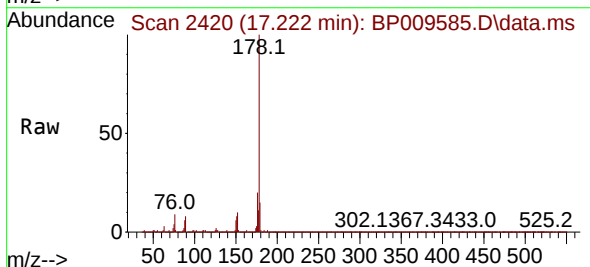
Tgt Ion:178 Resp: 1568499

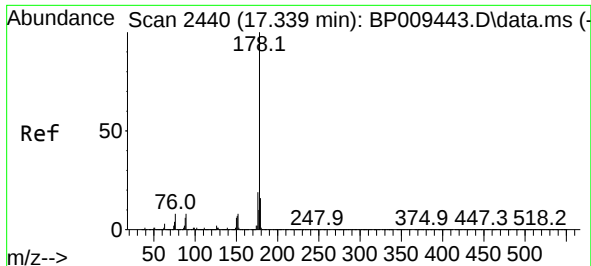
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.4 12.3 18.5

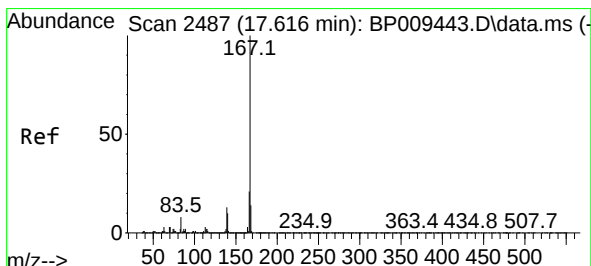
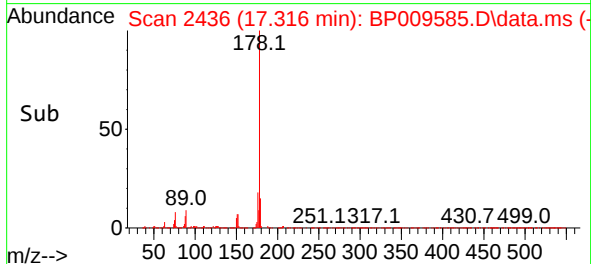
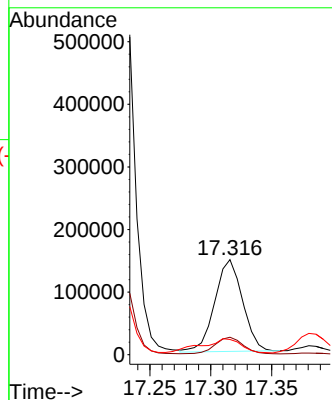
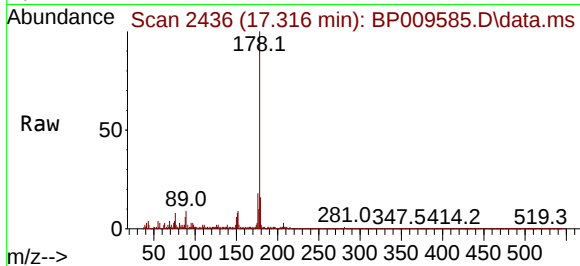




#72
 Anthracene
 Concen: 2.643 ng
 RT: 17.316 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BP009585.D
 Acq: 29 Mar 2022 02:12

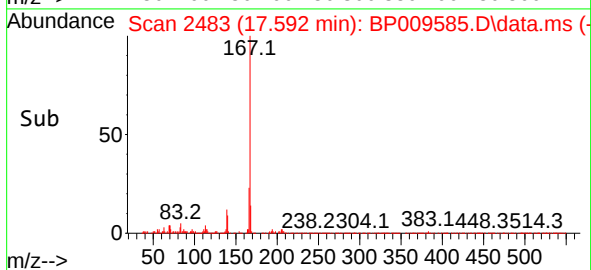
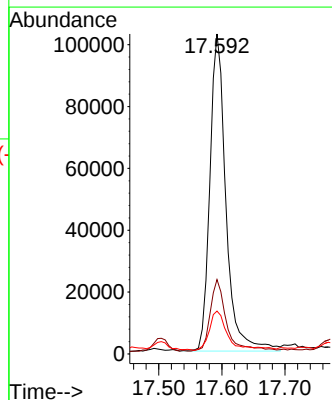
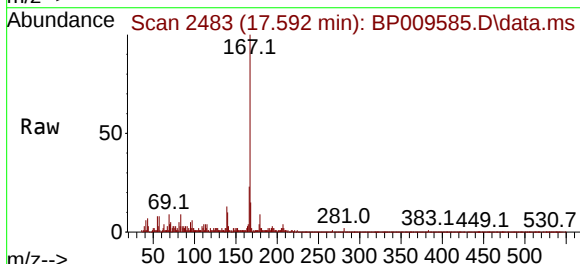
Instrument :
 BNA_P
 ClientSampleId :
 SB-14-4.0-5.0

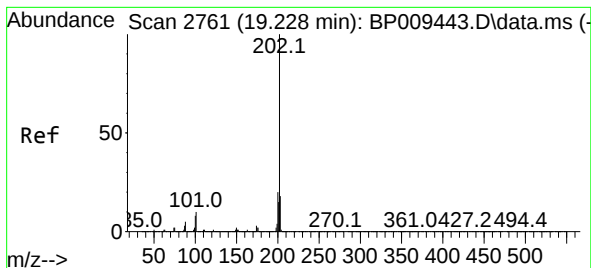
Tgt Ion:178 Resp: 233549
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.9 12.2 18.4



#73
 Carbazole
 Concen: 2.108 ng
 RT: 17.592 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BP009585.D
 Acq: 29 Mar 2022 02:12

Tgt Ion:167 Resp: 182126
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.2 25.8
 139 13.4 10.3 15.5





#75

Fluoranthene

Concen: 22.645 ng

RT: 19.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Instrument :

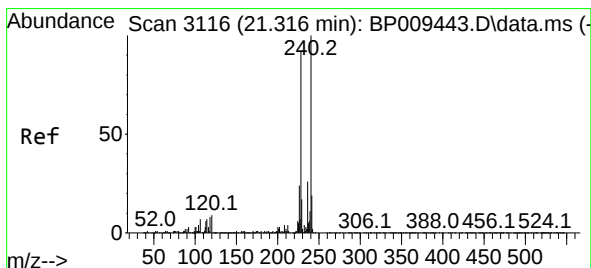
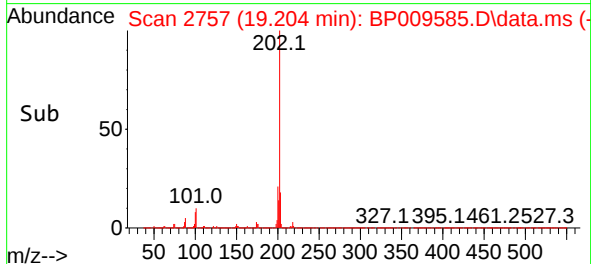
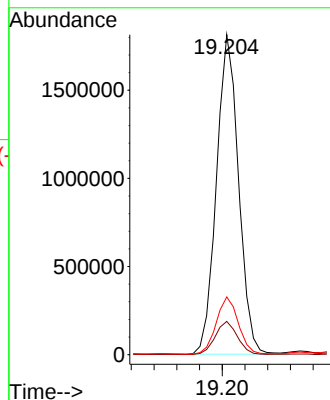
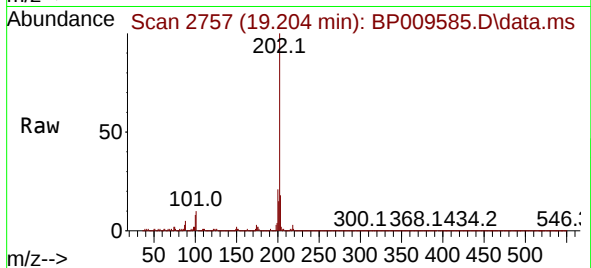
BNA_P

ClientSampleId :

SB-14-4.0-5.0

Tgt Ion:202 Resp: 2453462

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.5
203	18.1	0.0	37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3113

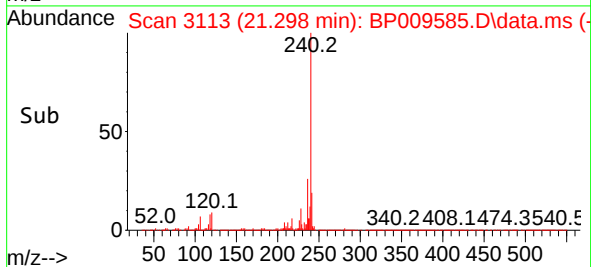
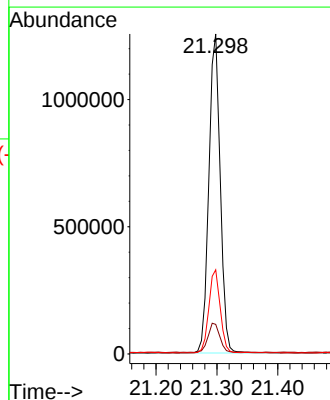
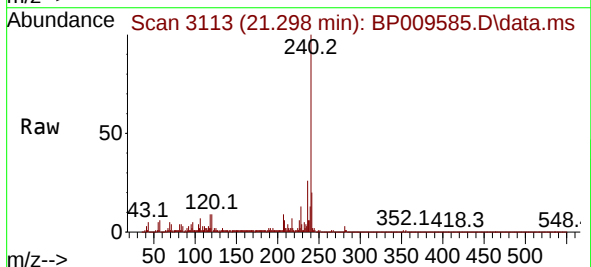
Delta R.T. -0.000 min

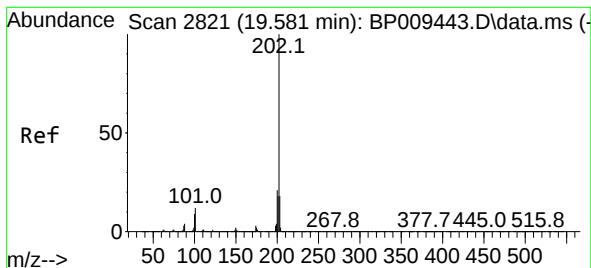
Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Tgt Ion:240 Resp: 1632256

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.0	13.4
236	26.3	20.6	30.8





#78

Pyrene

Concen: 19.440 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Instrument :

BNA_P

ClientSampleId :

SB-14-4.0-5.0

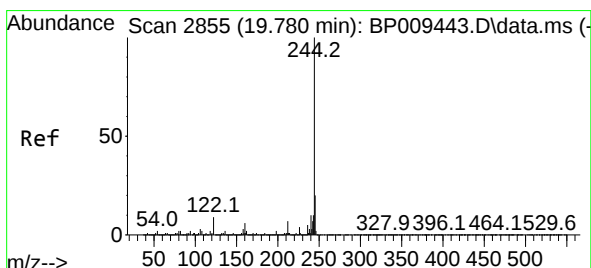
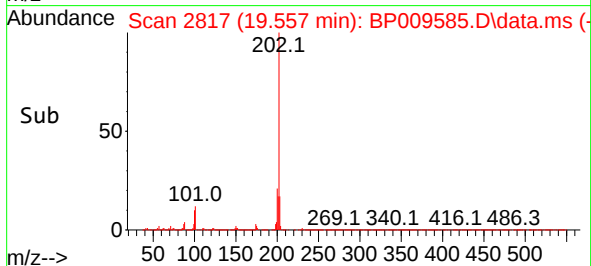
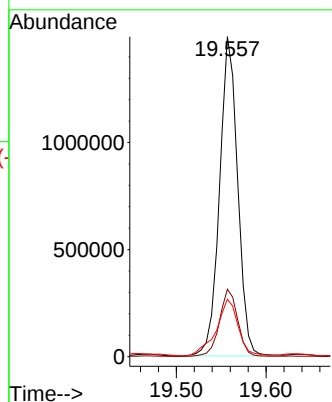
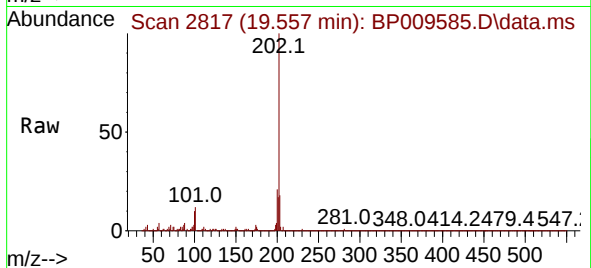
Tgt Ion:202 Resp: 2090908

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 18.0 14.2 21.4



#79

Terphenyl-d14

Concen: 31.590 ng

RT: 19.757 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

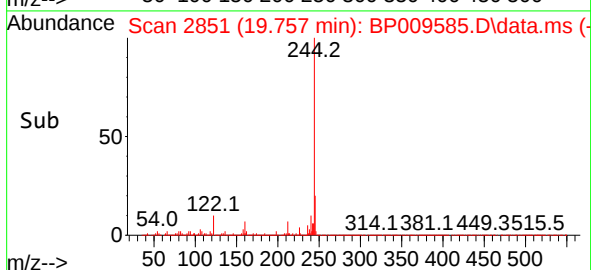
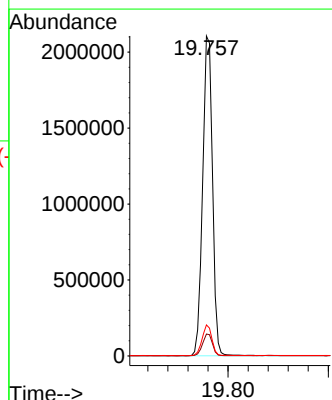
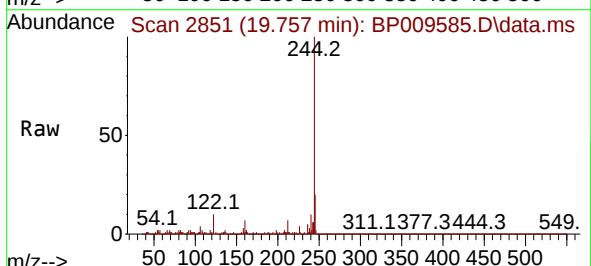
Tgt Ion:244 Resp: 2872746

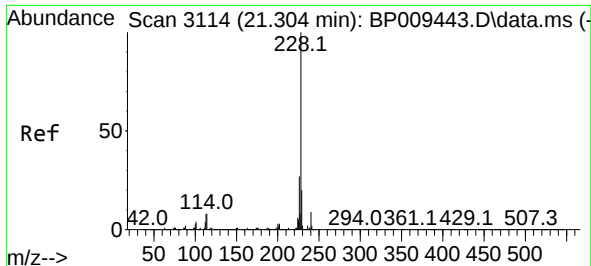
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 9.7 8.3 12.5

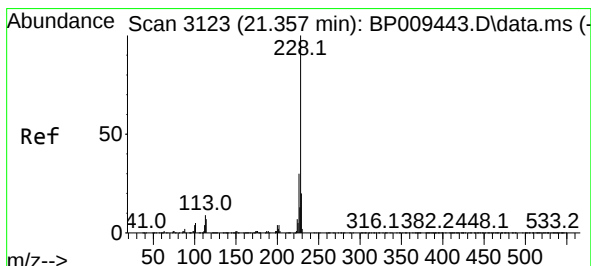
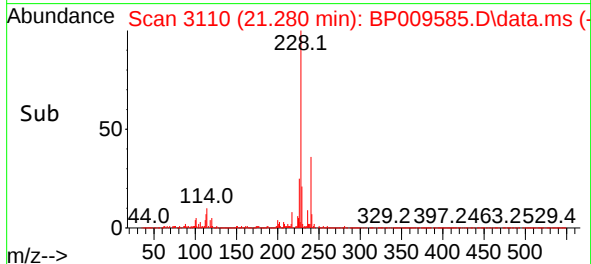
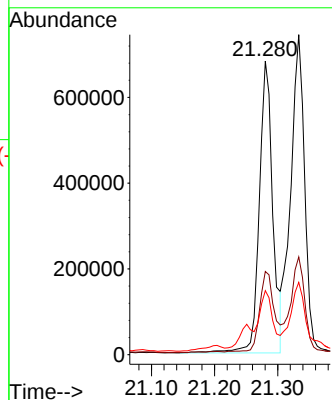
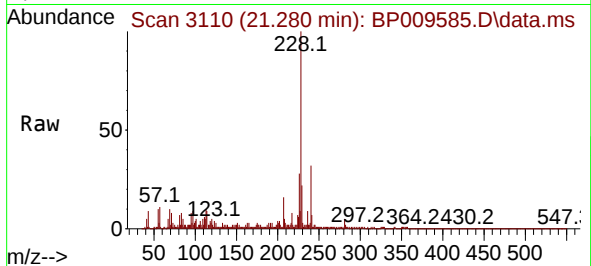




#81
Benzo(a)anthracene
Concen: 9.417 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

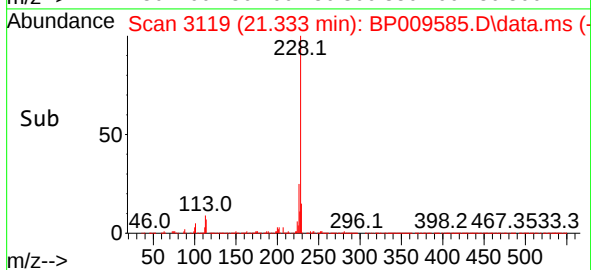
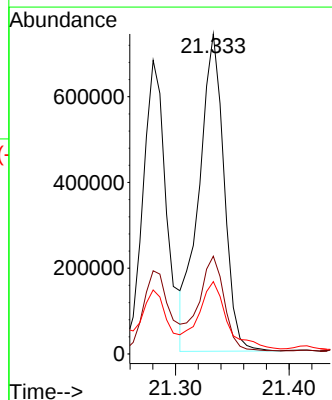
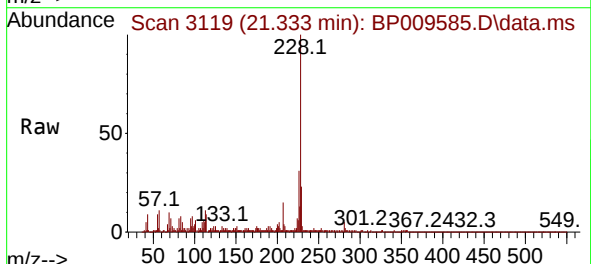
Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

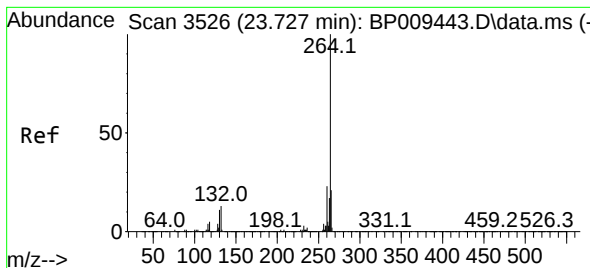
Tgt Ion:228 Resp: 1009838
Ion Ratio Lower Upper
228 100
226 28.4 22.0 33.0
229 21.8 16.1 24.1



#83
Chrysene
Concen: 11.173 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

Tgt Ion:228 Resp: 1134557
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 22.6 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.692 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Instrument :

BNA_P

ClientSampleId :

SB-14-4.0-5.0

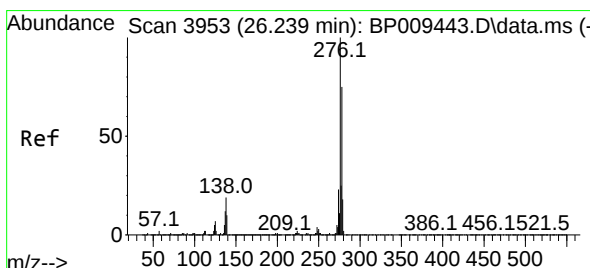
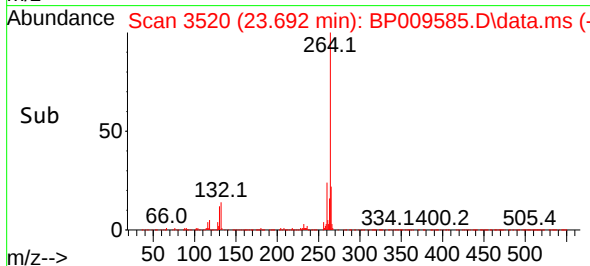
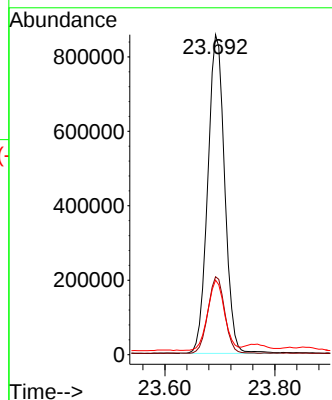
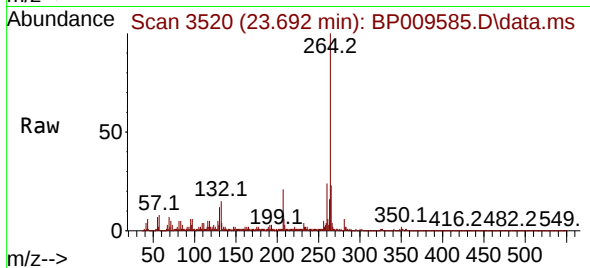
Tgt Ion:264 Resp: 1826036

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 23.3 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.459 ng

RT: 26.192 min Scan# 3945

Delta R.T. -0.006 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

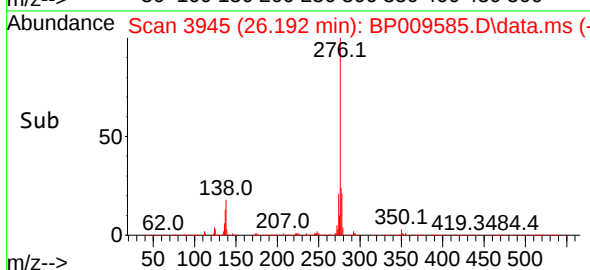
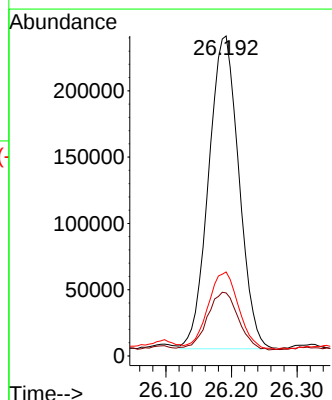
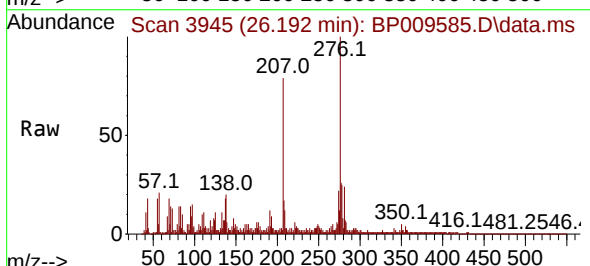
Tgt Ion:276 Resp: 756280

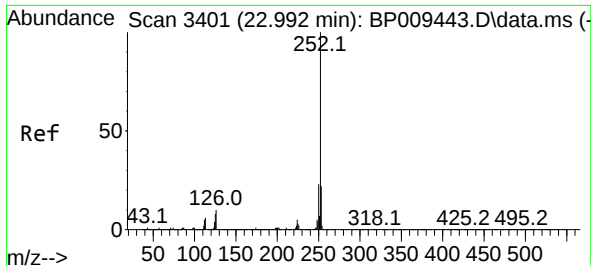
Ion Ratio Lower Upper

276 100

138 18.8 20.5 30.7#

277 25.1 20.4 30.6

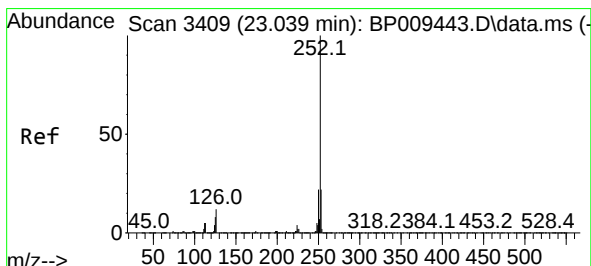
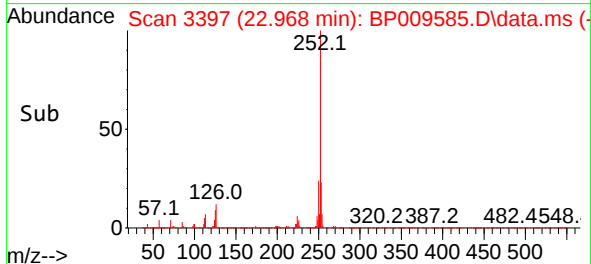
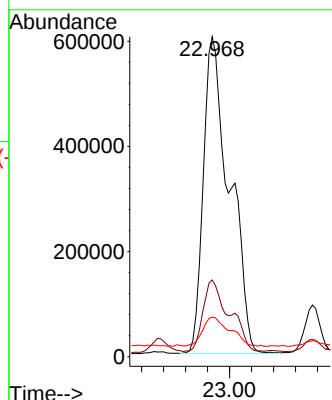
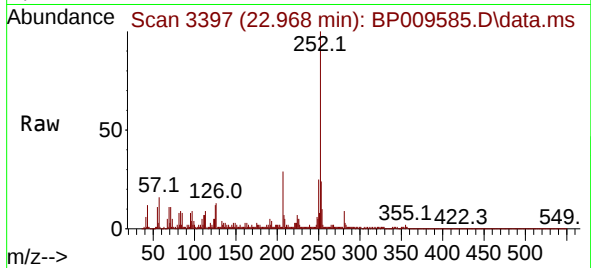




#88
Benzo(b)fluoranthene
Concen: 18.281 ng
RT: 22.968 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

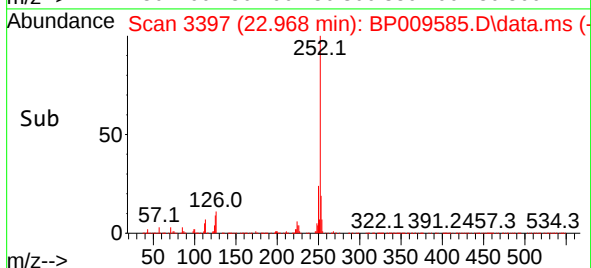
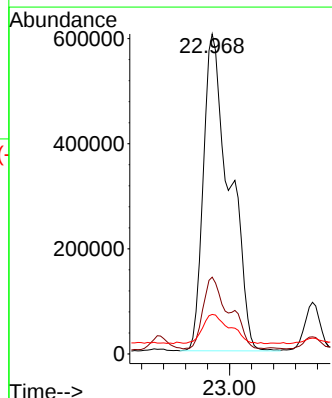
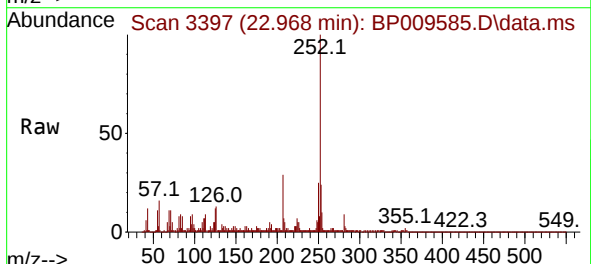
Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

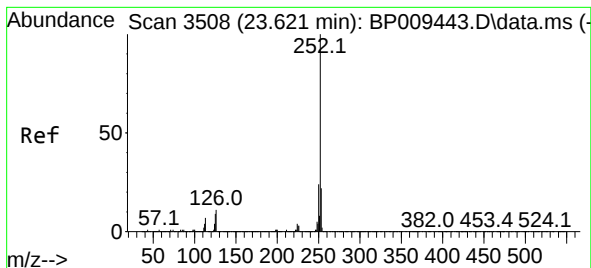
Tgt Ion:252 Resp: 1992824
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 12.4 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 18.688 ng
RT: 22.968 min Scan# 3397
Delta R.T. -0.041 min
Lab File: BP009585.D
Acq: 29 Mar 2022 02:12

Tgt Ion:252 Resp: 1994552
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 12.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 10.464 ng

RT: 23.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Instrument :

BNA_P

ClientSampleId :

SB-14-4.0-5.0

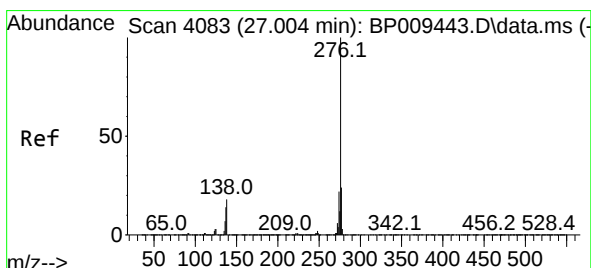
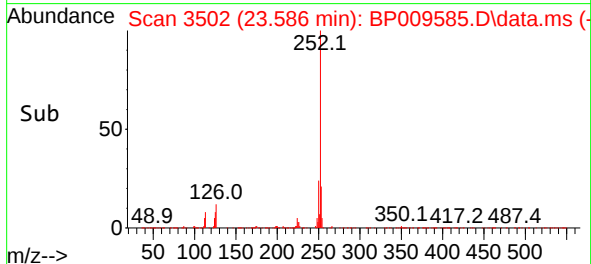
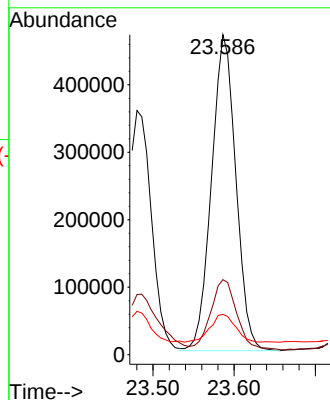
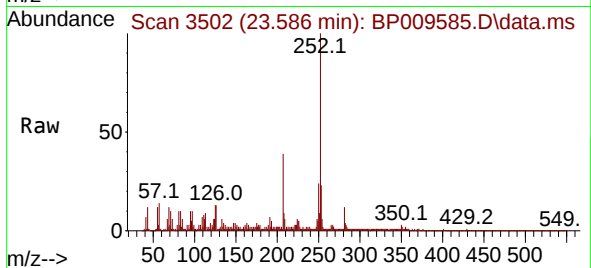
Tgt Ion:252 Resp: 975948

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 12.6 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 6.674 ng

RT: 26.951 min Scan# 4074

Delta R.T. -0.000 min

Lab File: BP009585.D

Acq: 29 Mar 2022 02:12

Tgt Ion:276 Resp: 758108

Ion Ratio Lower Upper

276 100

277 25.4 19.2 28.8

138 20.5 18.0 27.0

