

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009407.D
 Acq On : 15 Mar 2022 20:12
 Operator : CG/JU
 Sample : N1918-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-A

Quant Time: Mar 16 01:58:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

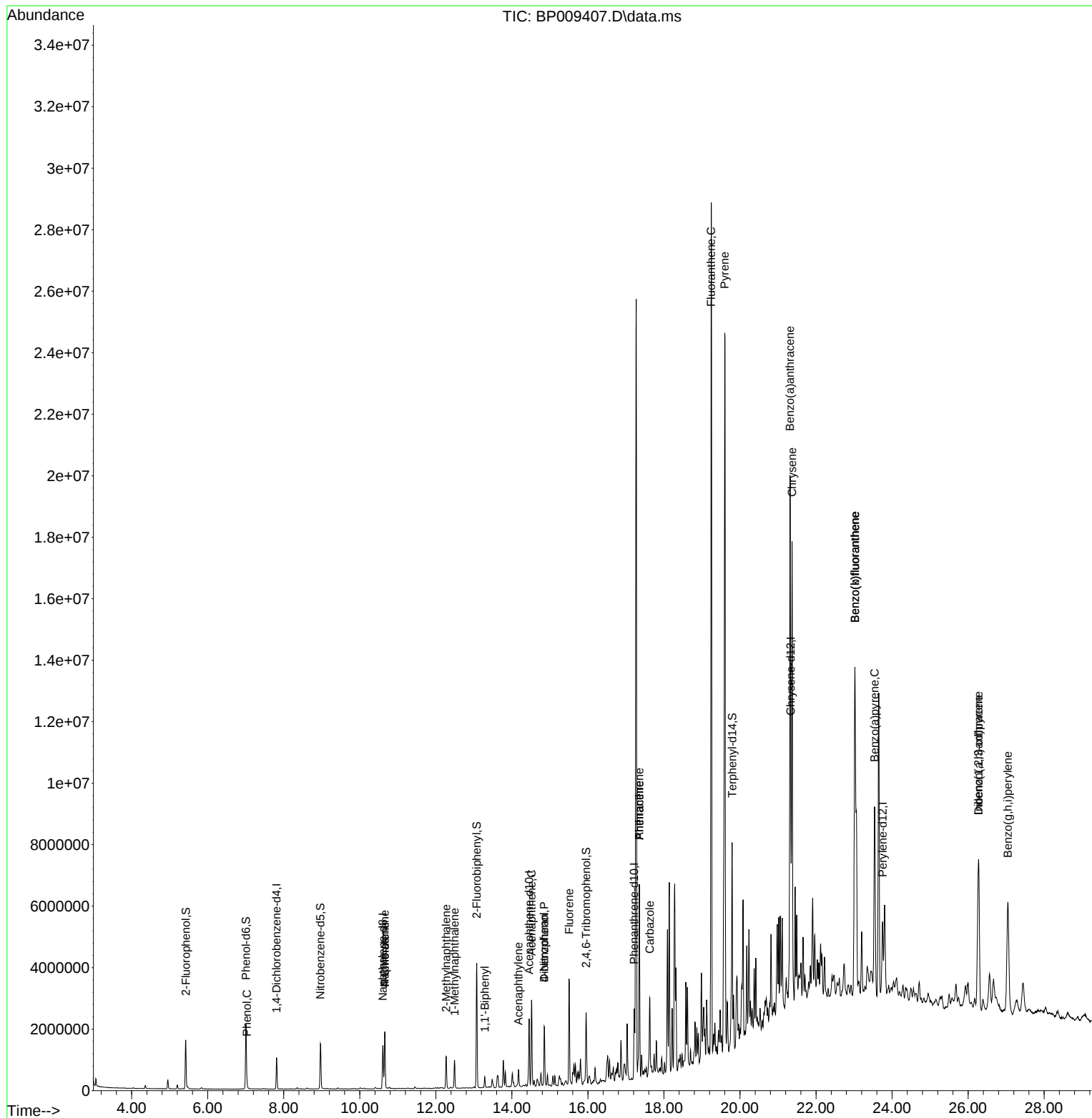
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	314293	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	1273158	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	817462	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1674460	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1596872	20.000	ng	0.00
86) Perylene-d12	23.751	264	1875968	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	831740	38.629	ng	0.01
7) Phenol-d6	7.005	99	1419448	51.876	ng	0.02
23) Nitrobenzene-d5	8.963	82	984503	42.591	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	366180	37.097	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2331601	39.224	ng	-0.01
79) Terphenyl-d14	19.792	244	3376674	39.904	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.034	94	61583	2.173	ng	90
31) Naphthalene	10.658	128	1698580	24.091	ng	99
33) 4-Chloroaniline	10.658	127	219438	7.612	ng	# 32
37) 2-Methylnaphthalene	12.269	142	553552	11.050	ng	98
38) 1-Methylnaphthalene	12.493	142	480922	10.424	ng	99
46) 1,1'-Biphenyl	13.287	154	166819	2.499	ng	98
49) Acenaphthylene	14.175	152	277003	3.546	ng	# 94
52) Acenaphthene	14.516	154	1091907	21.812	ng	99
55) Dibenzofuran	14.851	168	1203133	15.866	ng	97
56) 4-Nitrophenol	14.851	139	448473	42.638	ng	# 10
58) Fluorene	15.504	166	1651792	27.815	ng	97
71) Phenanthrene	17.351	178	4010669	41.677	ng	98
72) Anthracene	17.351	178	4010669	41.871	ng	99
73) Carbazole	17.628	167	1750231	20.053	ng	99
75) Fluoranthene	19.239	202	16021113	144.238	ng	93
78) Pyrene	19.598	202	15903836	147.508	ng	# 86
81) Benzo(a)anthracene	21.316	228	9769335	90.260	ng	97
83) Chrysene	21.369	228	8954369	85.210	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	5759328	39.514	ng	# 91
88) Benzo(b)fluoranthene	23.022	252	14796602	116.819	ng	97
89) Benzo(k)fluoranthene	23.022	252	14797263	122.285	ng	97
90) Benzo(a)pyrene	23.539	252	5449396	45.361	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	1590734	12.871	ng	96
92) Benzo(g,h,i)perylene	27.045	276	5487862	44.947	ng	# 94

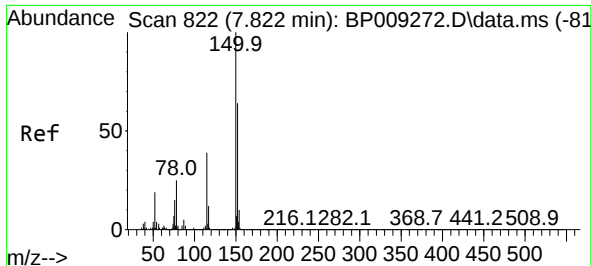
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
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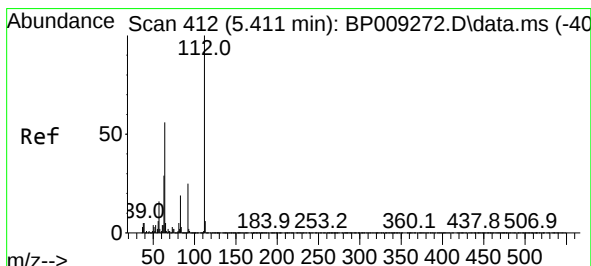
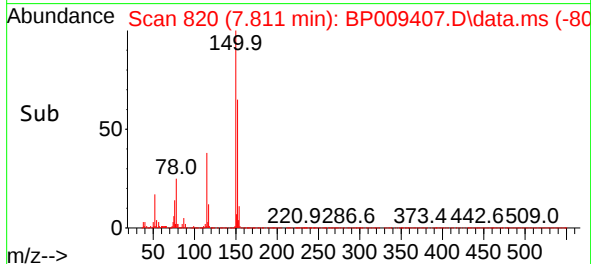
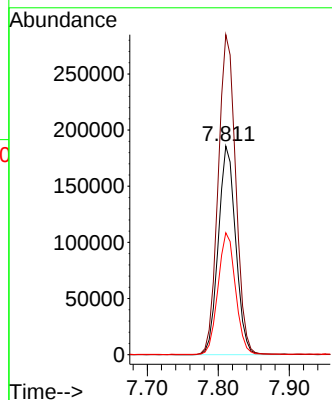
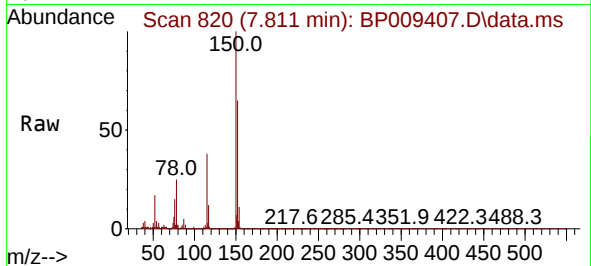




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP009407.D
 Acq: 15 Mar 2022 20:12

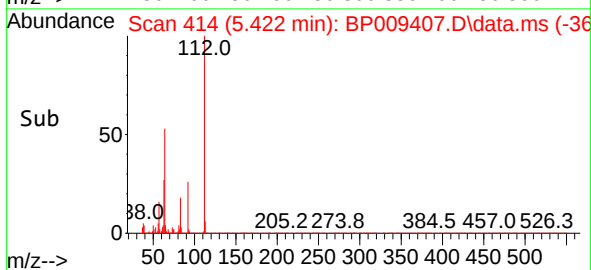
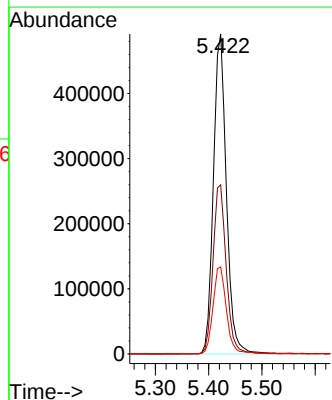
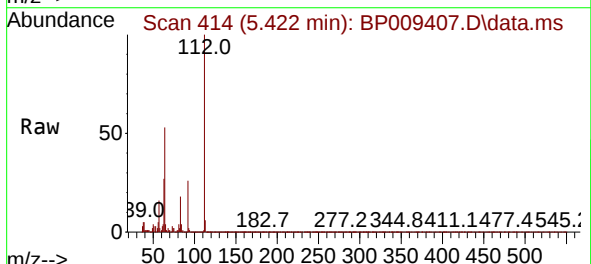
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-A

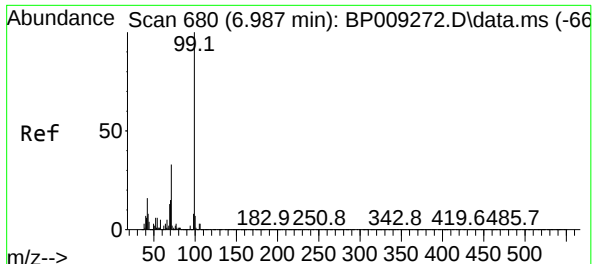
Tgt Ion:152 Resp: 314293
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.5 186.7
 115 58.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 38.629 ng
 RT: 5.422 min Scan# 414
 Delta R.T. 0.011 min
 Lab File: BP009407.D
 Acq: 15 Mar 2022 20:12

Tgt Ion:112 Resp: 831740
 Ion Ratio Lower Upper
 112 100
 64 52.9 45.0 67.4
 63 27.2 23.0 34.6

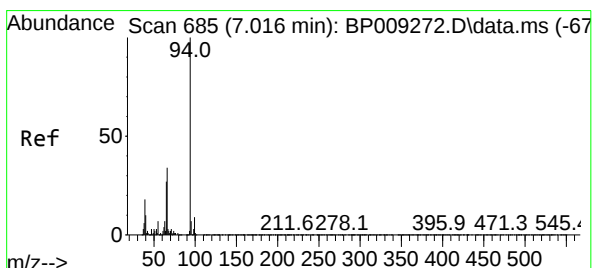
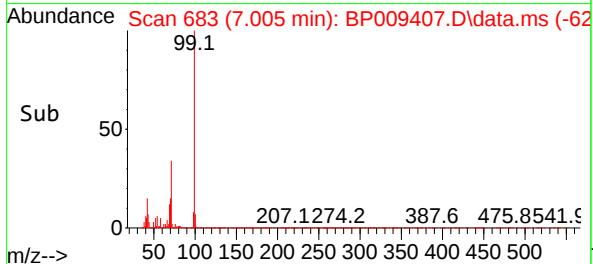
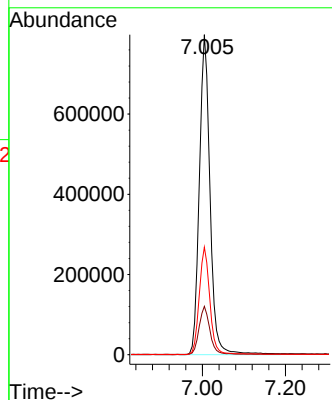
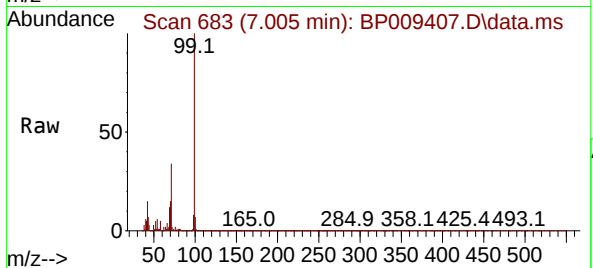




#7
Phenol-d6
Concen: 51.876 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

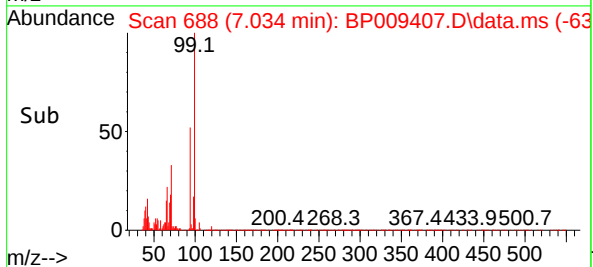
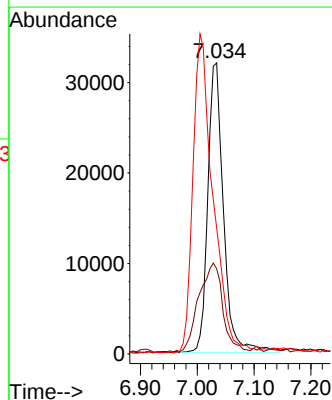
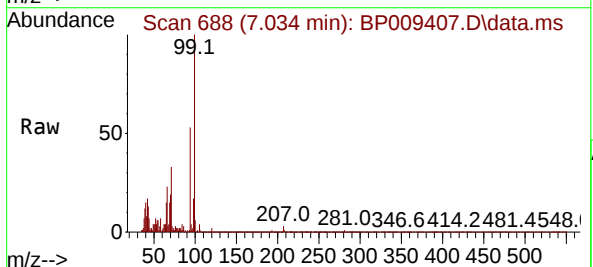
Instrument :
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ClientSampleId :
JDSH-TB-STOCKPILE-A

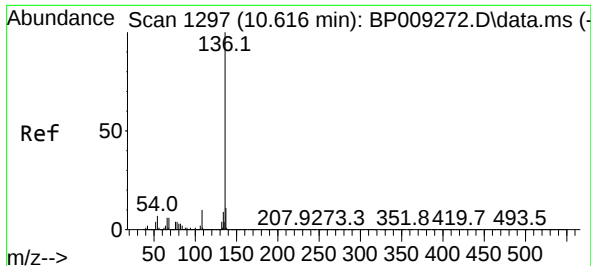
Tgt Ion: 99 Resp: 1419448
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.6 26.3 39.5



#10
Phenol
Concen: 2.173 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion: 94 Resp: 61583
Ion Ratio Lower Upper
94 100
65 29.2 7.2 47.2
66 43.3 14.3 54.3



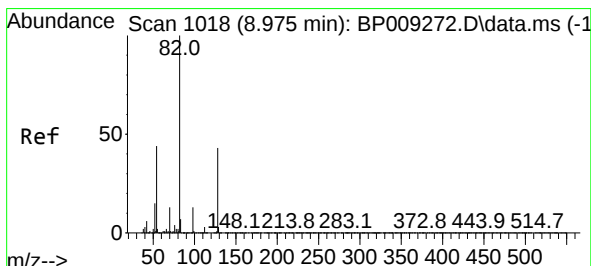
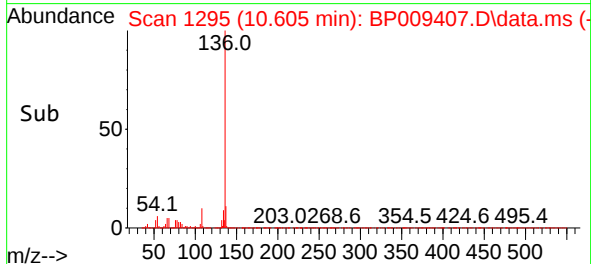
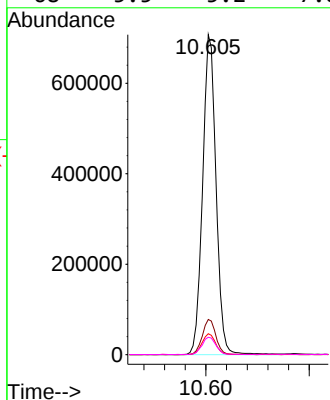
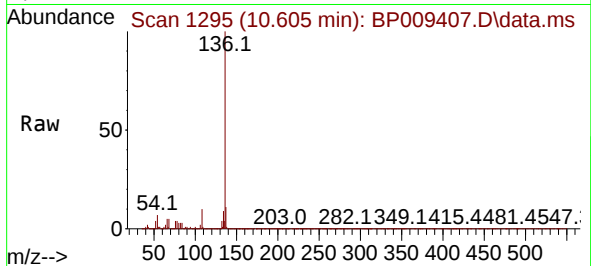


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-A

Tgt Ion:136 Resp: 1273158

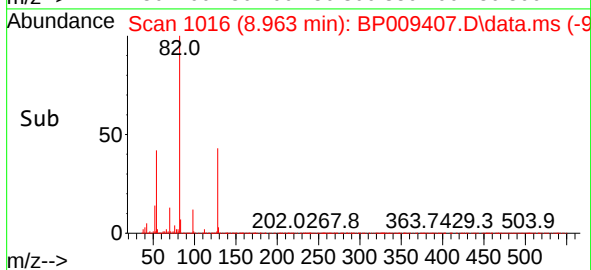
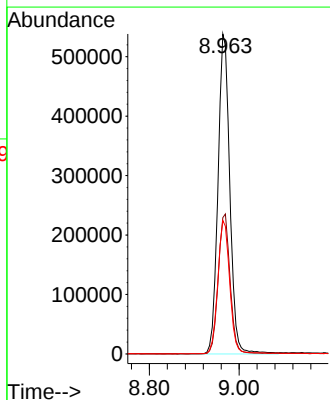
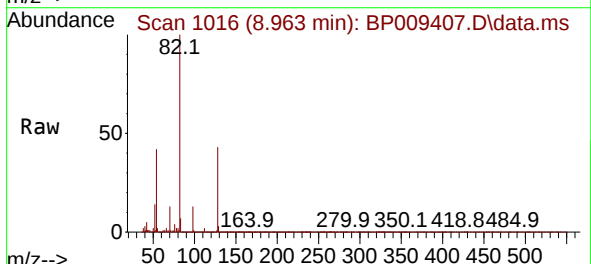
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.5	5.8	8.8
68	5.5	5.2	7.8

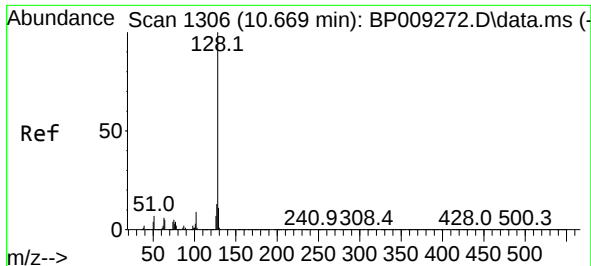


#23
Nitrobenzene-d5
Concen: 42.591 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion: 82 Resp: 984503

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.4
54	41.7	34.7	52.1

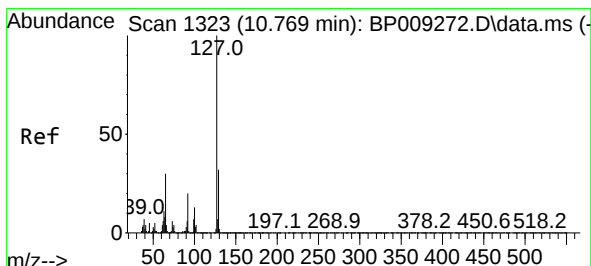
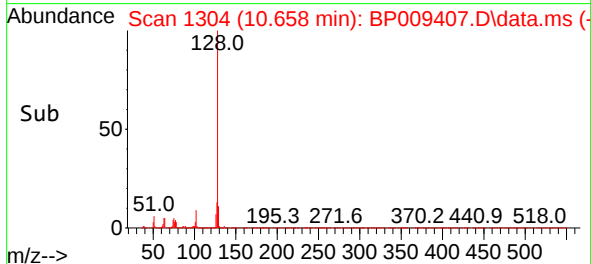
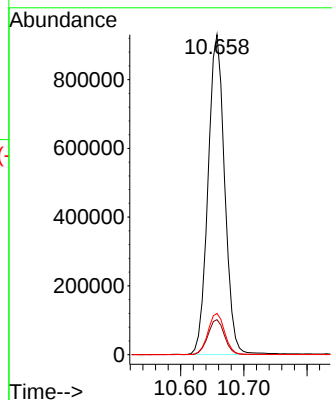
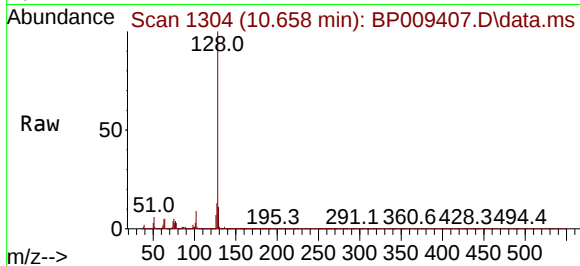




#31
Naphthalene
Concen: 24.091 ng
RT: 10.658 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

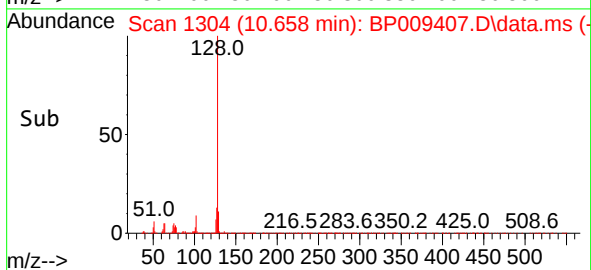
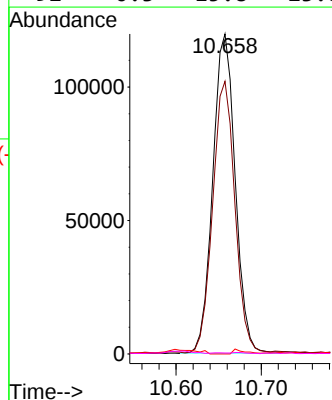
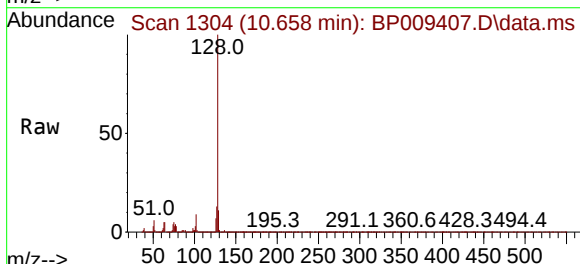
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-A

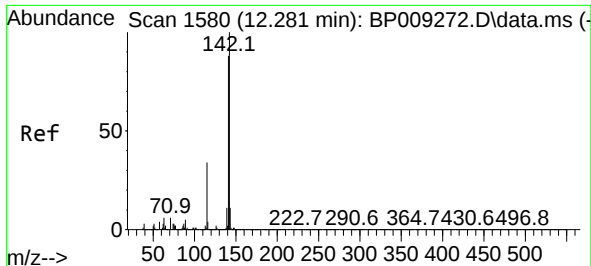
Tgt Ion:128 Resp: 1698580
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.5 15.7



#33
4-Chloroaniline
Concen: 7.612 ng
RT: 10.658 min Scan# 1304
Delta R.T. -0.112 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:127 Resp: 219438
Ion Ratio Lower Upper
127 100
129 85.2 25.5 38.3#
65 0.0 24.3 36.5#
92 0.3 15.8 23.8#

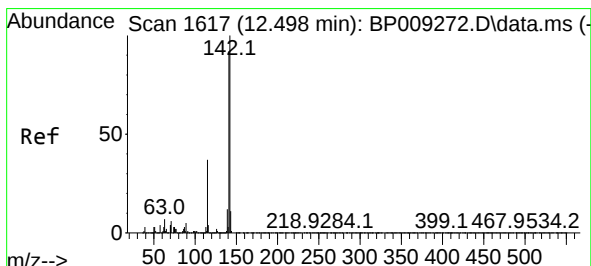
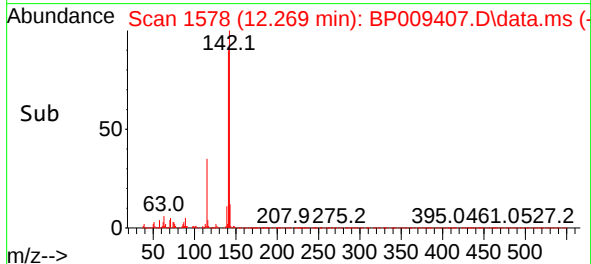
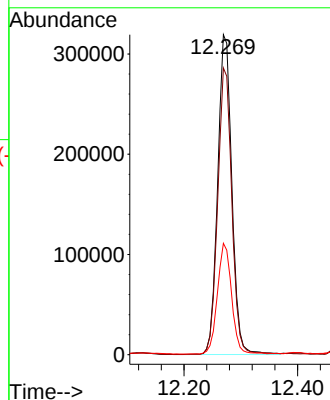
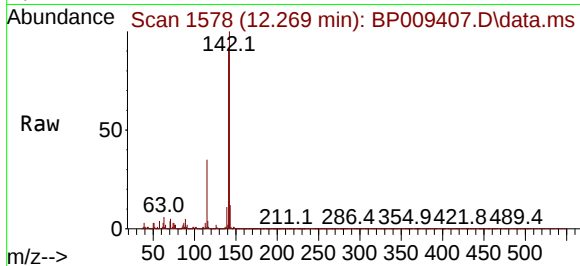




#37
2-Methylnaphthalene
Concen: 11.050 ng
RT: 12.269 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

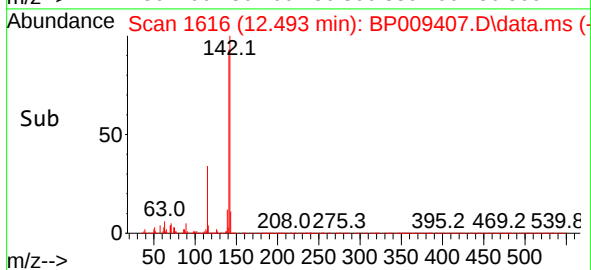
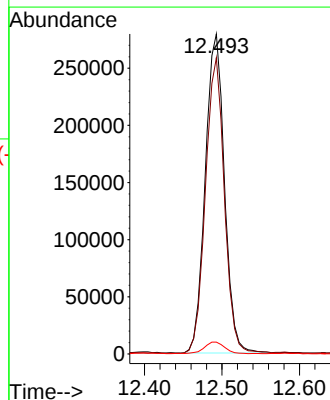
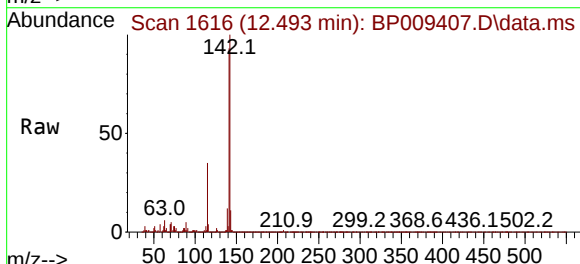
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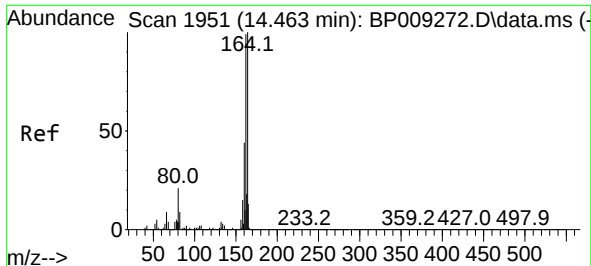
Tgt Ion:142 Resp: 553552
Ion Ratio Lower Upper
142 100
141 89.6 70.2 105.4
115 34.8 27.4 41.2



#38
1-Methylnaphthalene
Concen: 10.424 ng
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:142 Resp: 480922
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 3.7 3.3 4.9

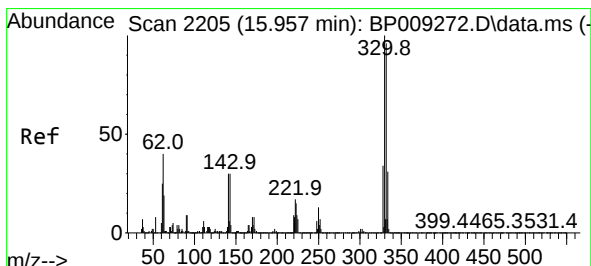
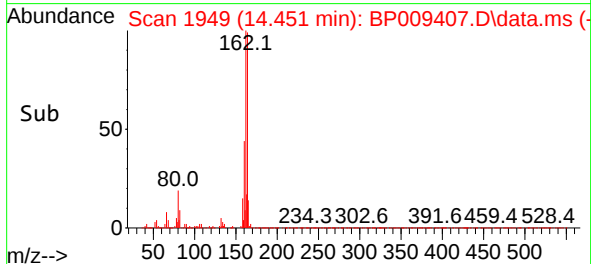
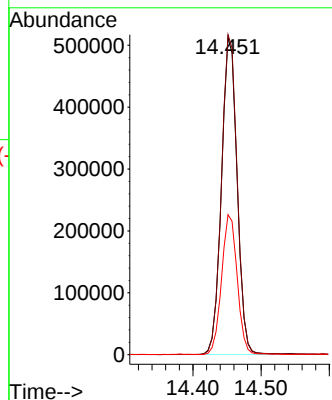
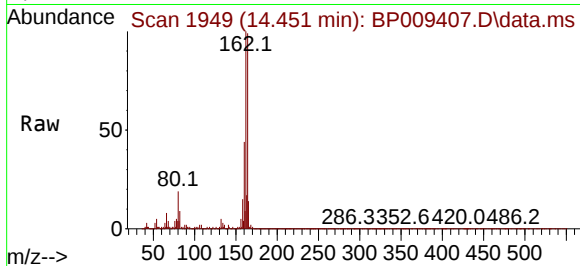




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

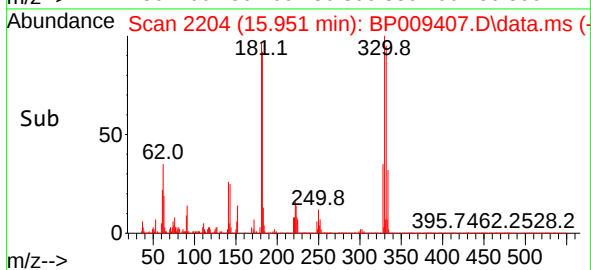
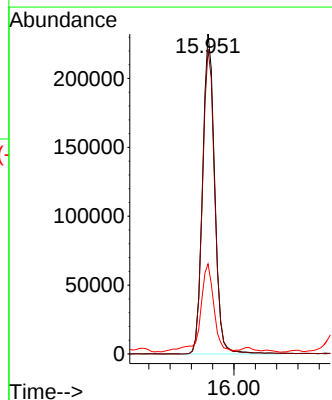
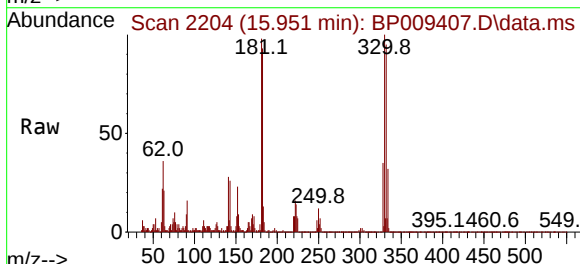
Instrument :
BNA_P
ClientSampleId :
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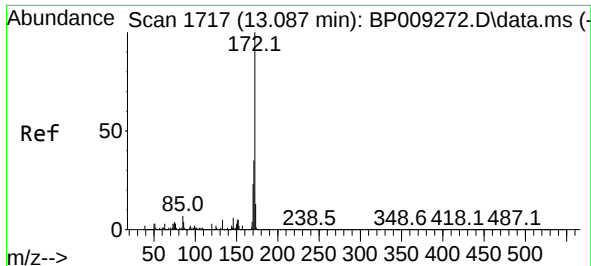
Tgt Ion:164 Resp: 817462
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 44.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 37.097 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:330 Resp: 366180
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 30.3 27.6 41.4

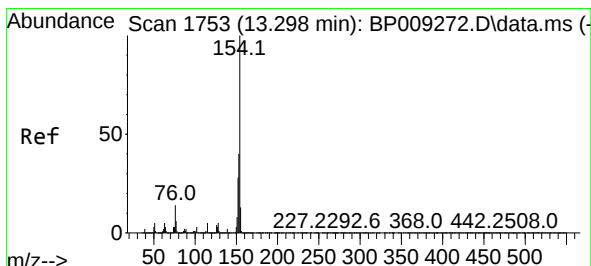
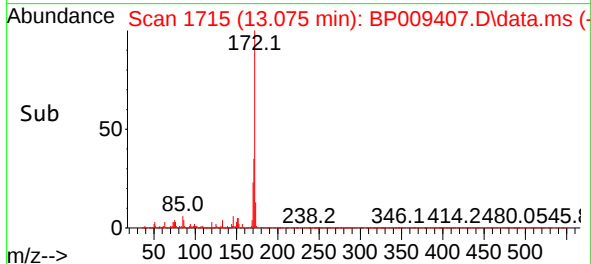
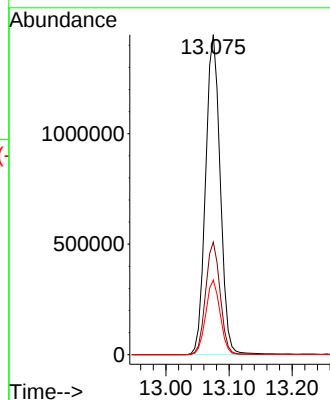
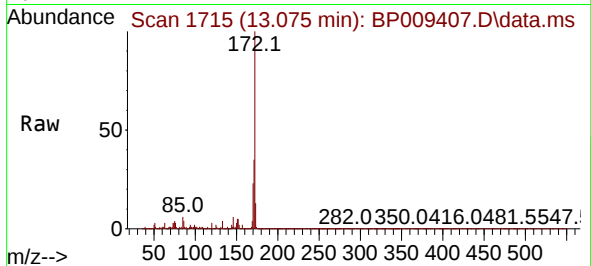




#45
2-Fluorobiphenyl
Concen: 39.224 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

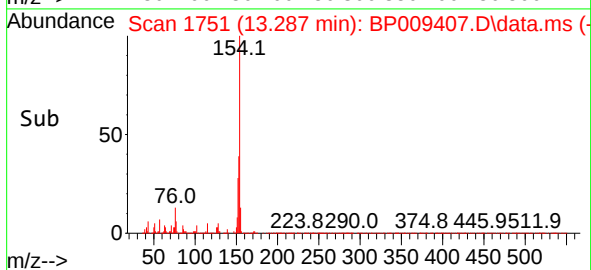
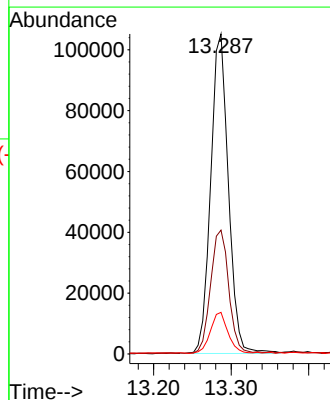
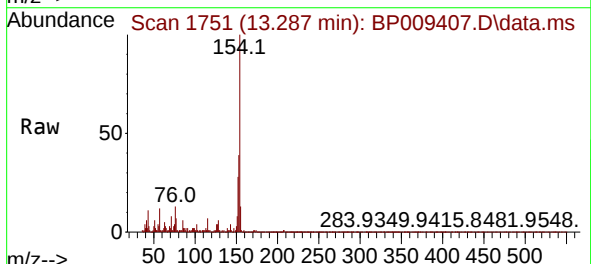
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BNA_P
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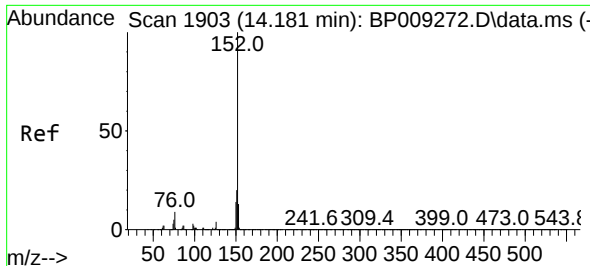
Tgt Ion:172 Resp: 2331601
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 2.499 ng
RT: 13.287 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:154 Resp: 166819
Ion Ratio Lower Upper
154 100
153 38.7 20.2 60.2
76 13.0 0.0 34.0

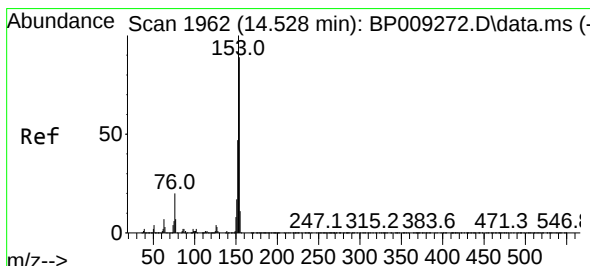
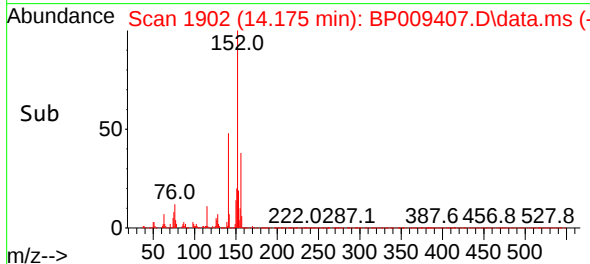
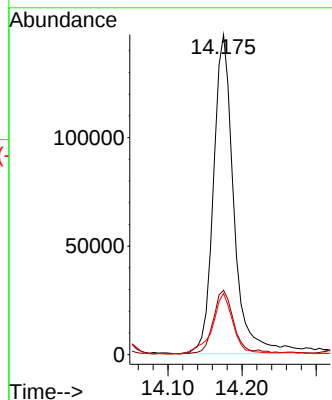
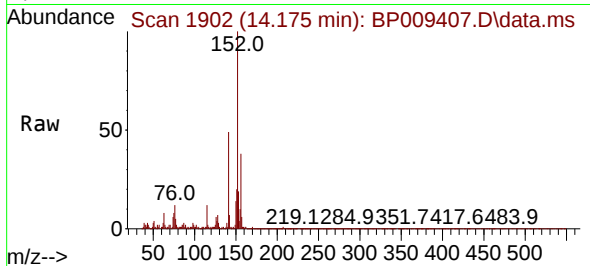




#49
Acenaphthylene
Concen: 3.546 ng
RT: 14.175 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

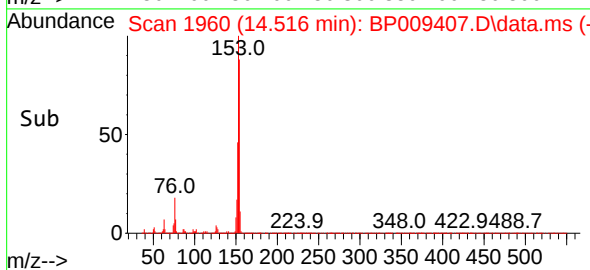
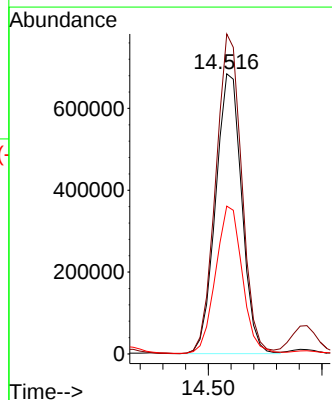
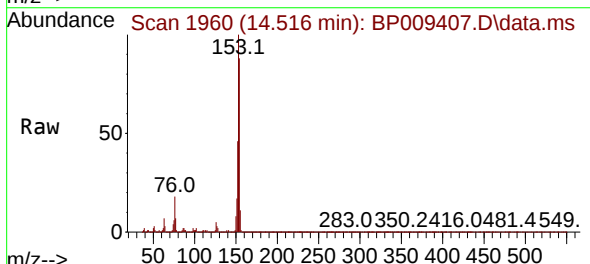
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-A

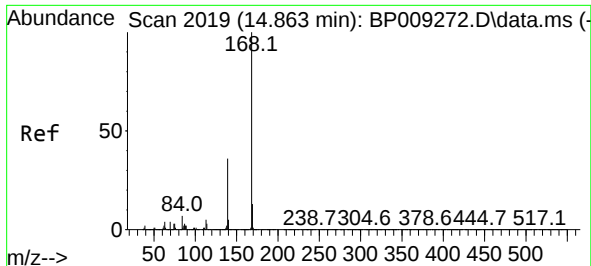
Tgt Ion:152 Resp: 277003
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 19.2 10.7 16.1#



#52
Acenaphthene
Concen: 21.812 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:154 Resp: 1091907
Ion Ratio Lower Upper
154 100
153 114.2 90.2 135.4
152 52.8 42.7 64.1

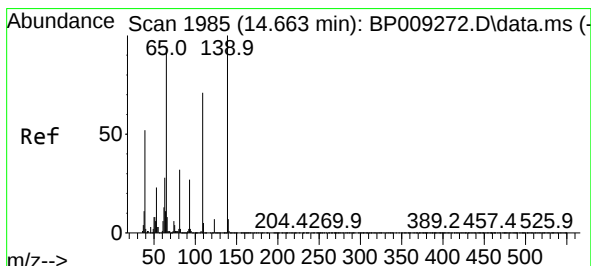
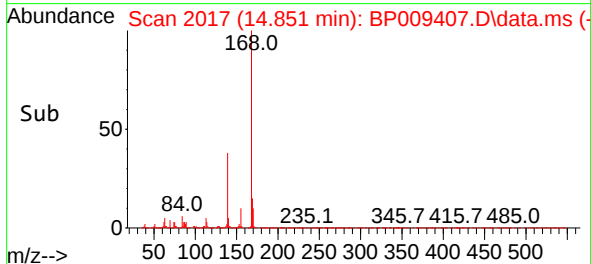
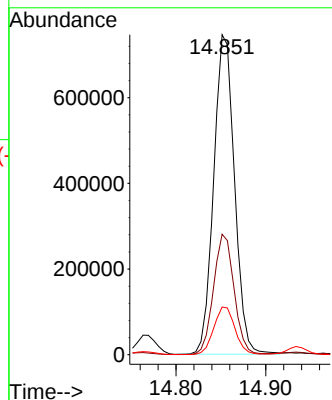
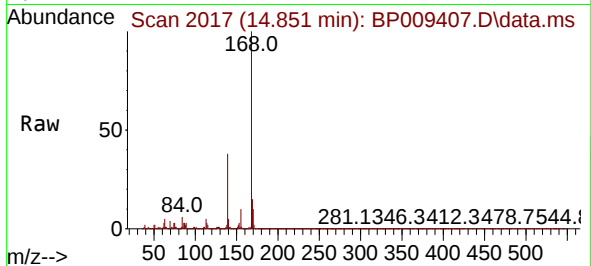




#55
Dibenzofuran
Concen: 15.866 ng
RT: 14.851 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

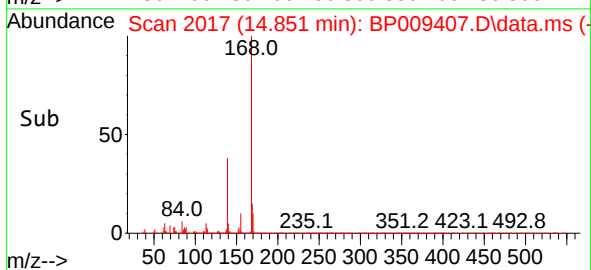
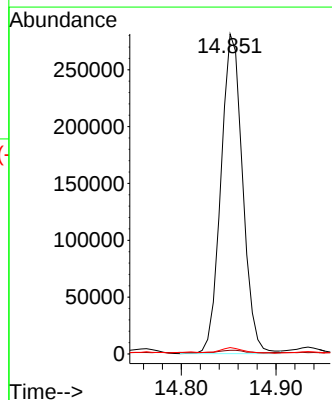
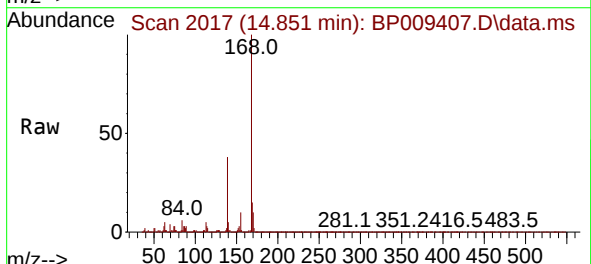
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-A

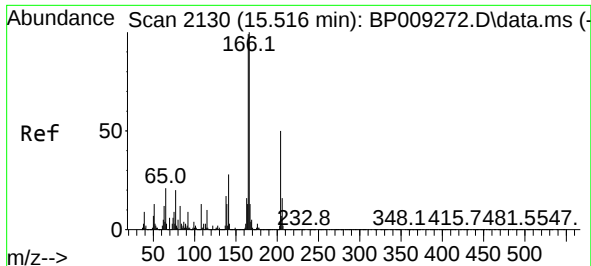
Tgt Ion:168 Resp: 1203133
Ion Ratio Lower Upper
168 100
139 37.7 29.1 43.7
169 14.9 10.6 16.0



#56
4-Nitrophenol
Concen: 42.638 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.188 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:139 Resp: 448473
Ion Ratio Lower Upper
139 100
109 1.1 51.2 91.2#
65 2.0 73.2 113.2#

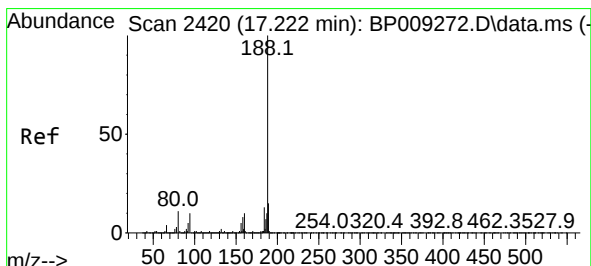
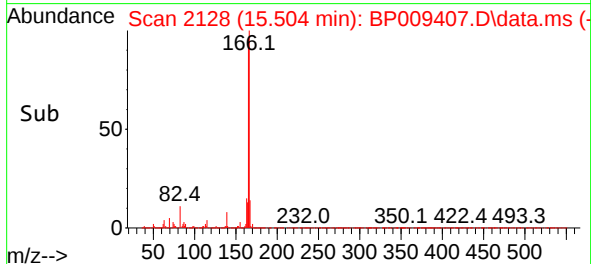
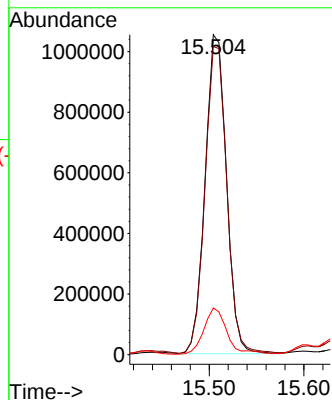
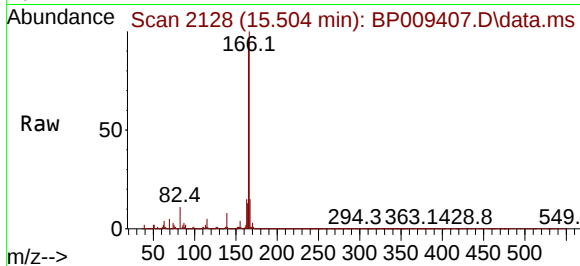




#58
Fluorene
Concen: 27.815 ng
RT: 15.504 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

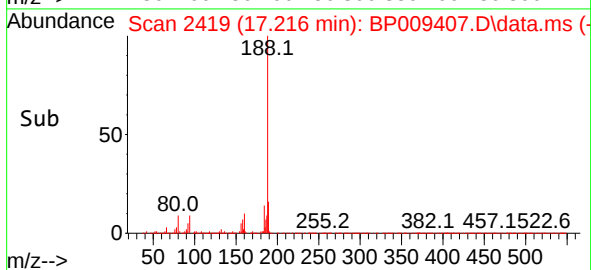
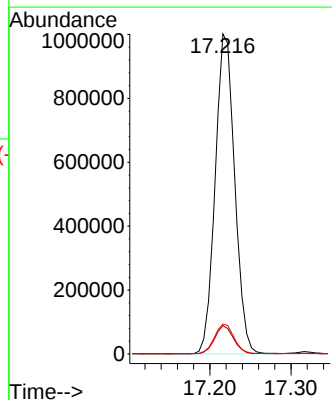
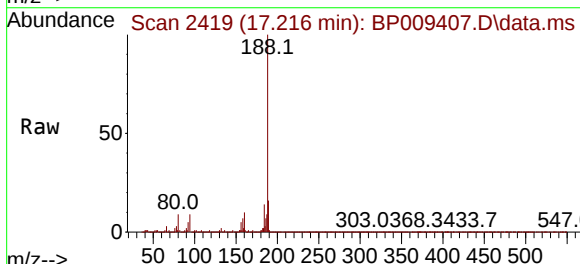
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-A

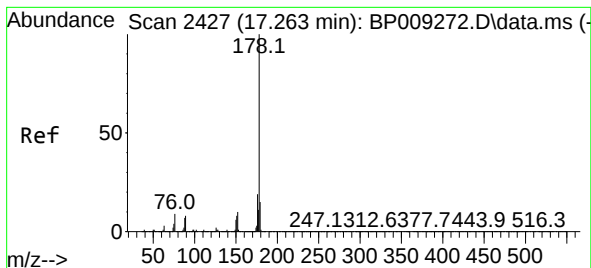
Tgt Ion:166 Resp: 1651792
Ion Ratio Lower Upper
166 100
165 96.3 79.2 118.8
167 14.6 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:188 Resp: 1674460
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.4 8.8 13.2





#71

Phenanthrene

Concen: 41.677 ng

RT: 17.351 min Scan# 2442

Delta R.T. 0.088 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-A

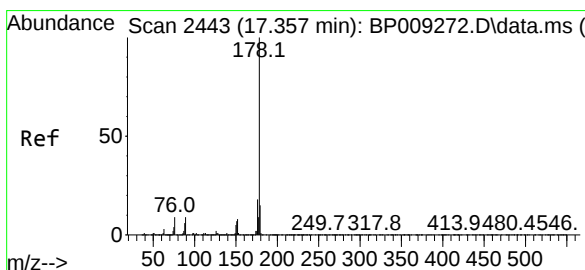
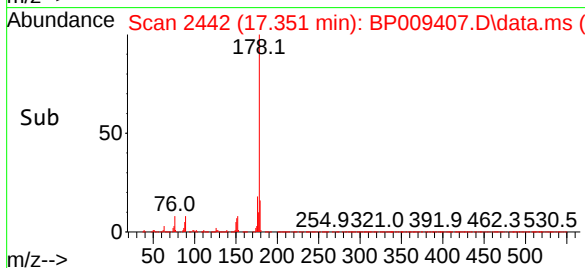
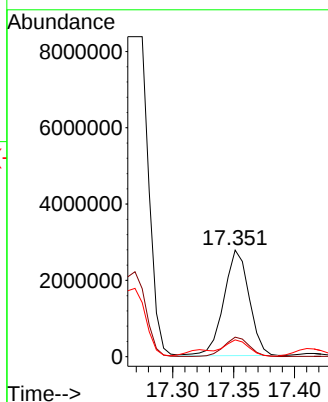
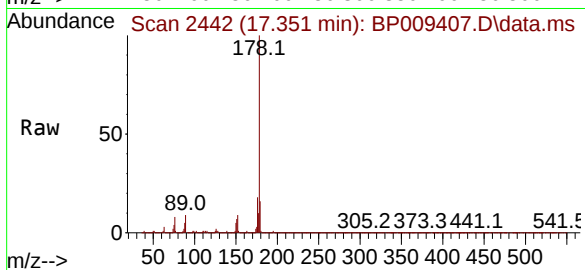
Tgt Ion:178 Resp: 4010669

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

179 15.9 12.3 18.5



#72

Anthracene

Concen: 41.871 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

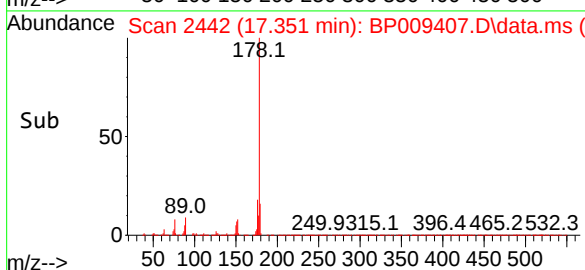
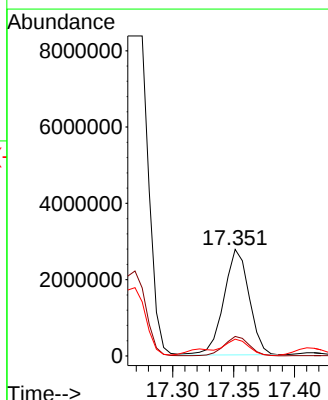
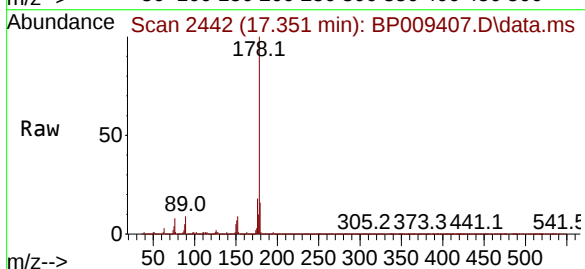
Tgt Ion:178 Resp: 4010669

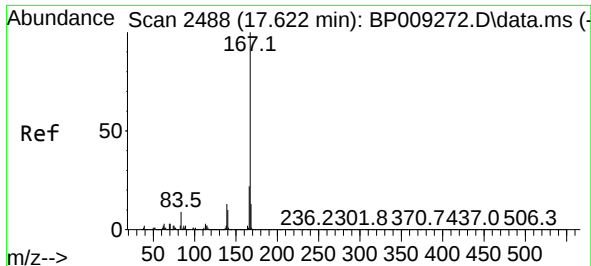
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.9 12.2 18.4

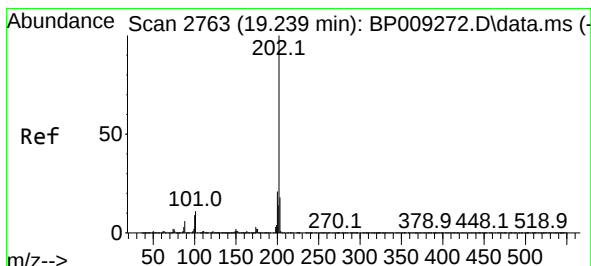
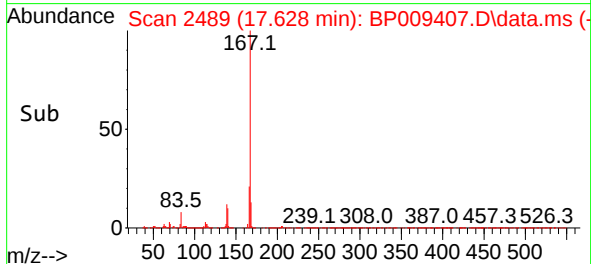
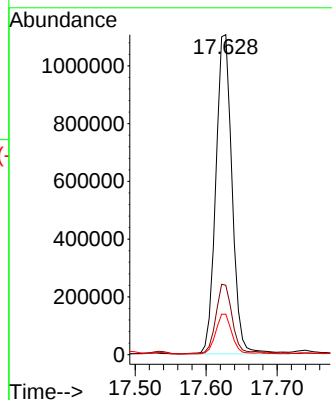
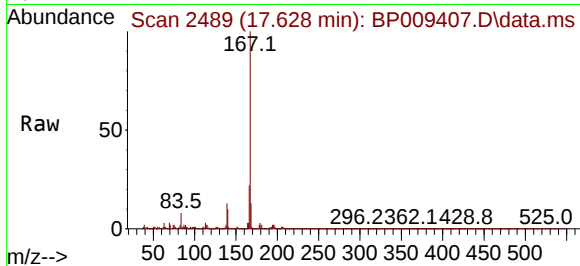




#73
 Carbazole
 Concen: 20.053 ng
 RT: 17.628 min Scan# 2488
 Delta R.T. 0.006 min
 Lab File: BP009407.D
 Acq: 15 Mar 2022 20:12

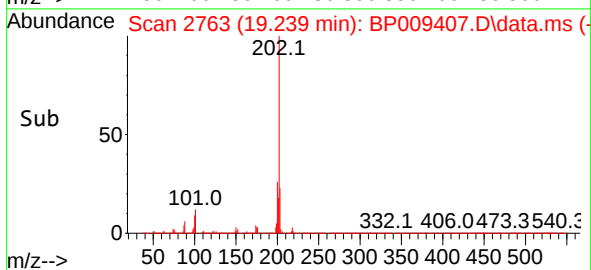
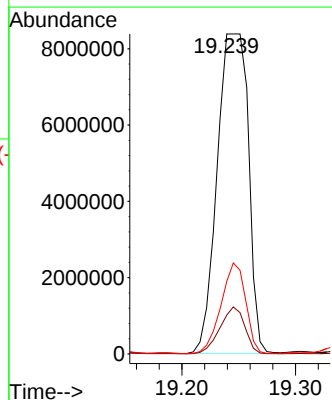
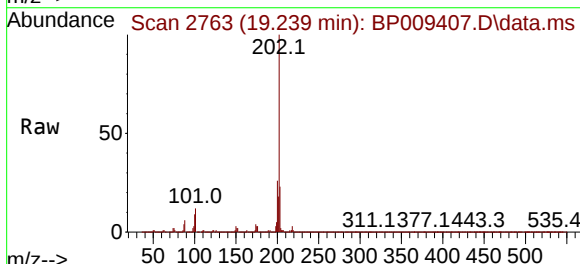
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-A

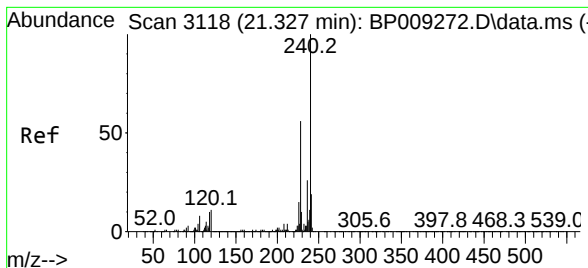
Tgt Ion:167 Resp: 1750231
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.6 10.3 15.5



#75
 Fluoranthene
 Concen: 144.238 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. 0.000 min
 Lab File: BP009407.D
 Acq: 15 Mar 2022 20:12

Tgt Ion:202 Resp:16021113
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.5
 203 22.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-A

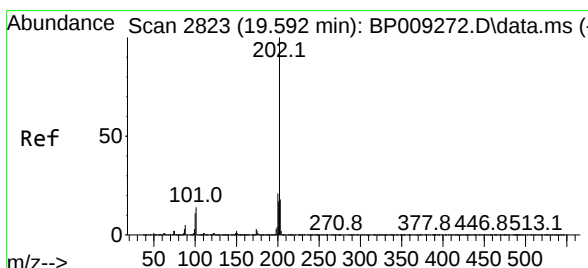
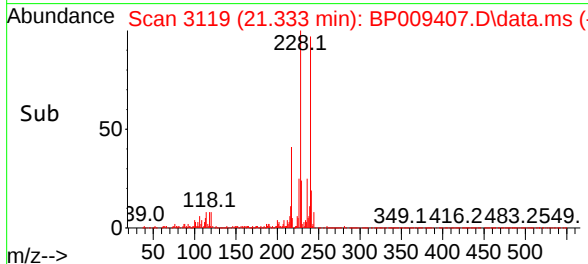
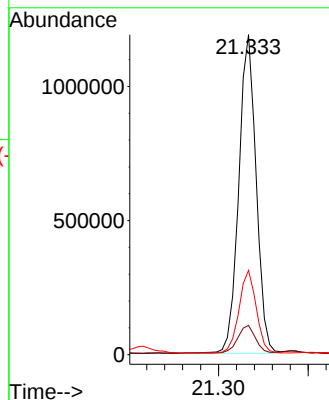
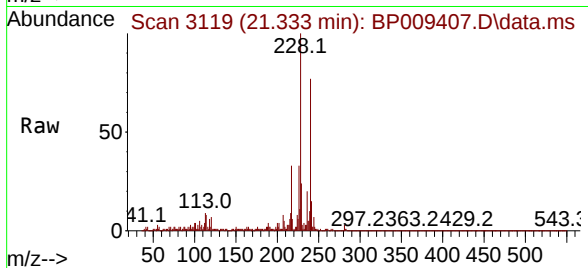
Tgt Ion:240 Resp: 1596872

Ion Ratio Lower Upper

240 100

120 9.2 9.0 13.4

236 26.3 20.6 30.8



#78

Pyrene

Concen: 147.508 ng

RT: 19.598 min Scan# 2824

Delta R.T. 0.006 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

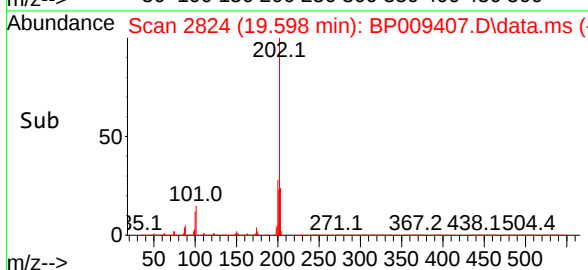
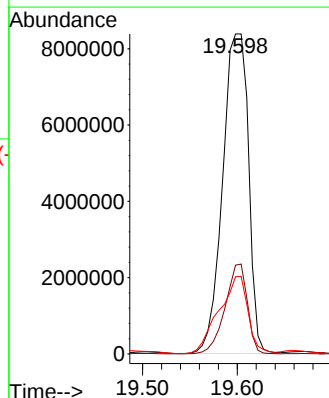
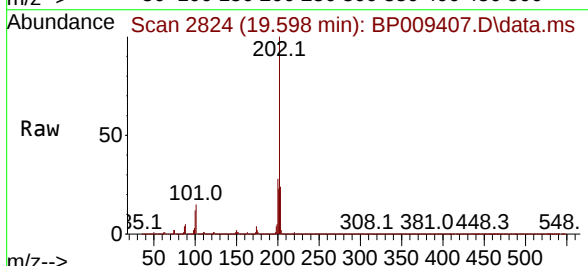
Tgt Ion:202 Resp:15903836

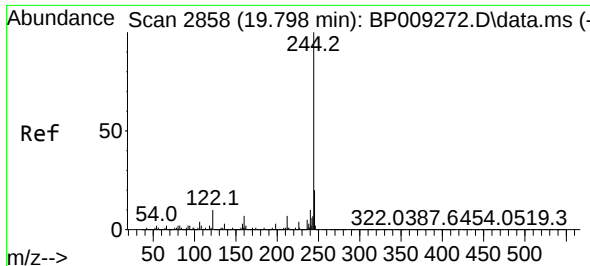
Ion Ratio Lower Upper

202 100

200 27.7 16.8 25.2#

203 24.2 14.2 21.4#

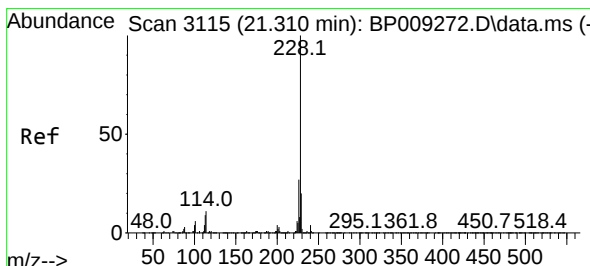
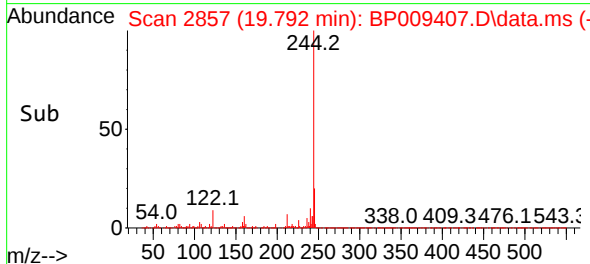
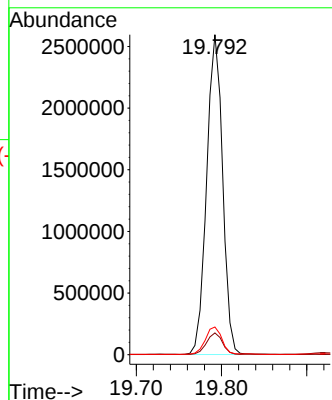
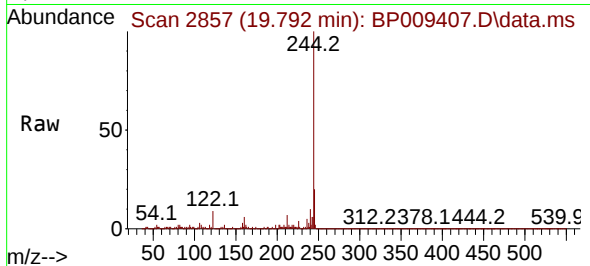




#79
 Terphenyl-d14
 Concen: 39.904 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009407.D
 Acq: 15 Mar 2022 20:12

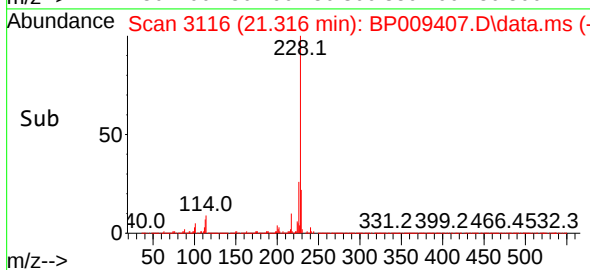
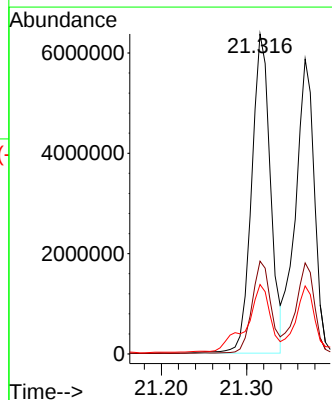
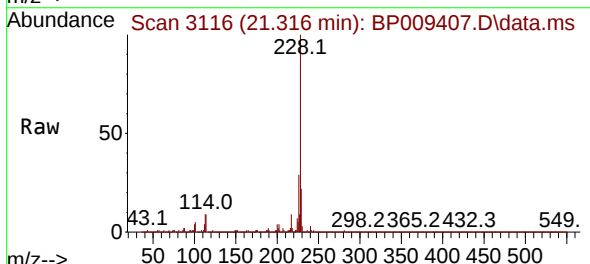
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-A

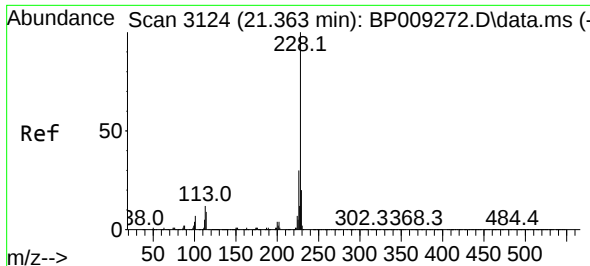
Tgt Ion:244 Resp: 3376674
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.7 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 90.260 ng
 RT: 21.316 min Scan# 3116
 Delta R.T. 0.006 min
 Lab File: BP009407.D
 Acq: 15 Mar 2022 20:12

Tgt Ion:228 Resp: 9769335
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.0 33.0
 229 21.7 16.1 24.1





#83

Chrysene

Concen: 85.210 ng

RT: 21.369 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-A

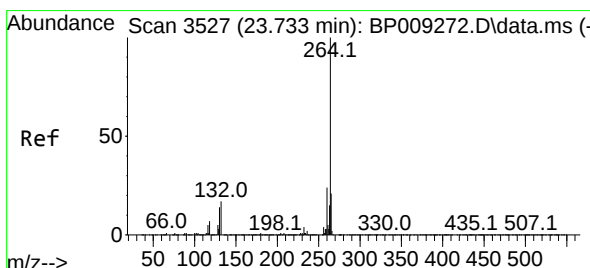
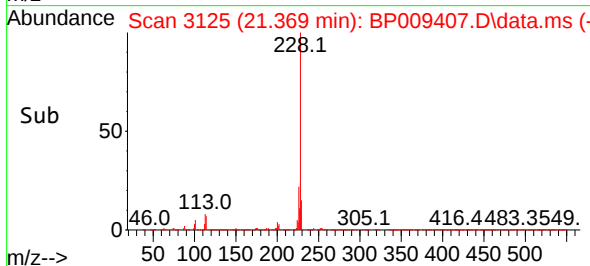
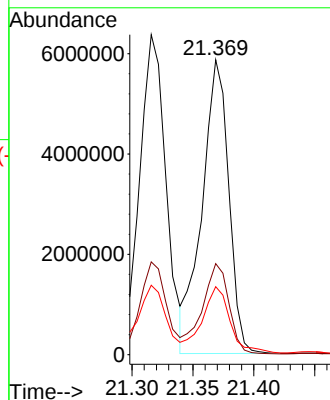
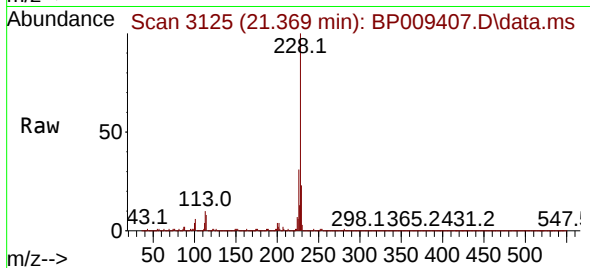
Tgt Ion:228 Resp: 8954369

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 23.0 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3530

Delta R.T. 0.018 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

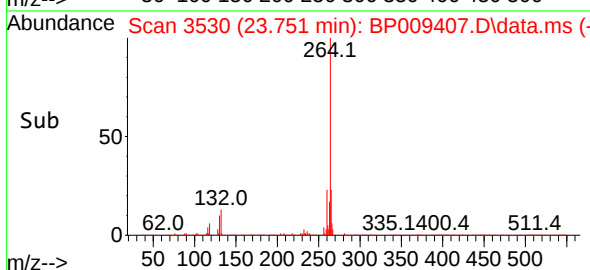
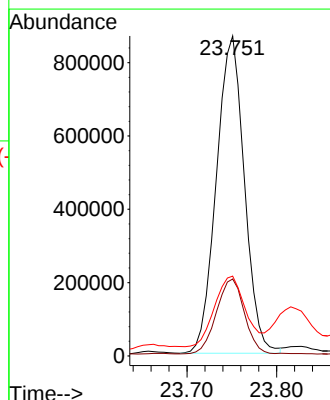
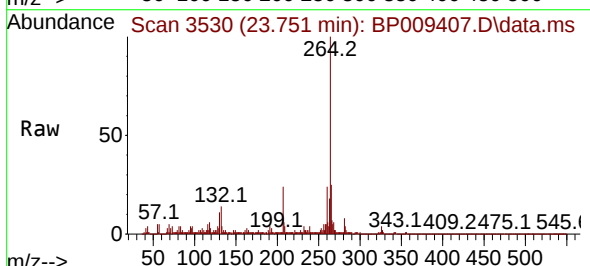
Tgt Ion:264 Resp: 1875968

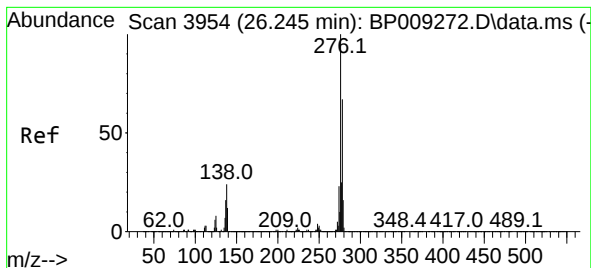
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 25.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.514 ng

RT: 26.274 min Scan# 3959

Delta R.T. 0.030 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-A

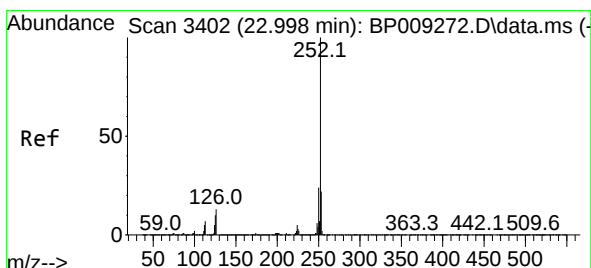
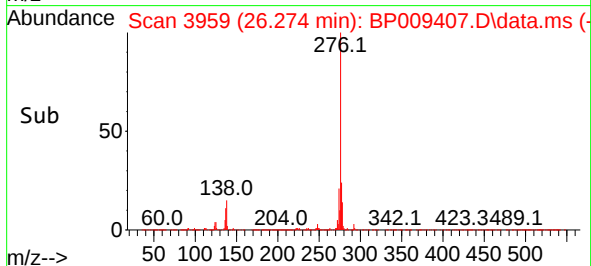
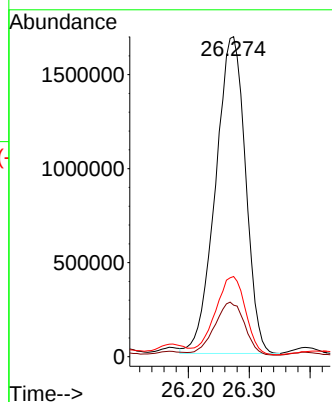
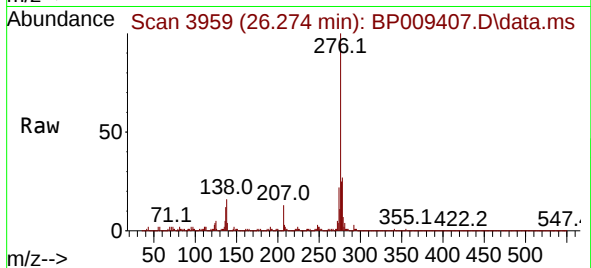
Tgt Ion:276 Resp: 5759328

Ion Ratio Lower Upper

276 100

138 16.9 20.5 30.7#

277 25.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 116.819 ng

RT: 23.022 min Scan# 3406

Delta R.T. 0.024 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

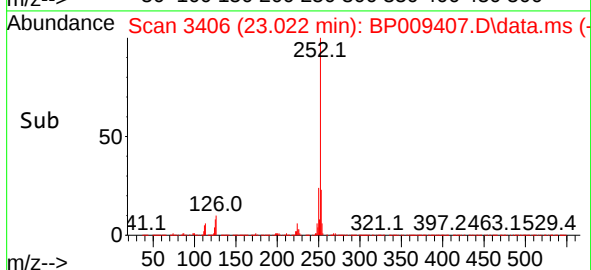
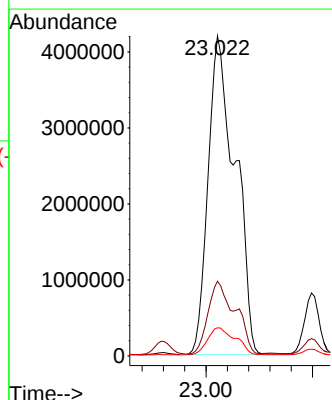
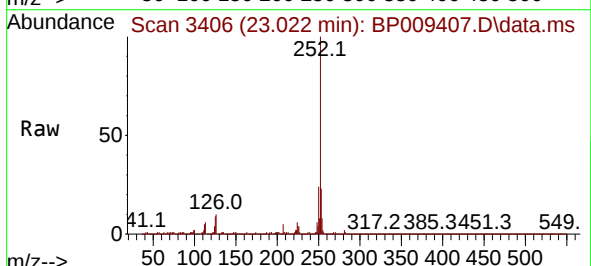
Tgt Ion:252 Resp:14796602

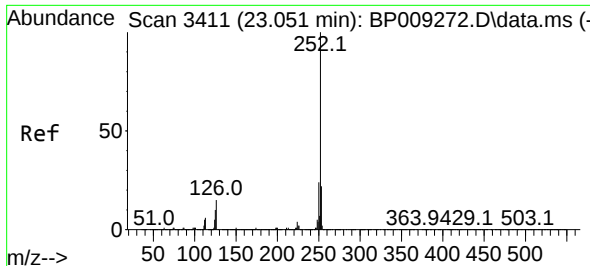
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 8.8 8.1 12.1

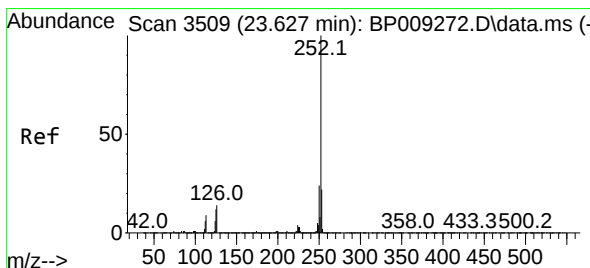
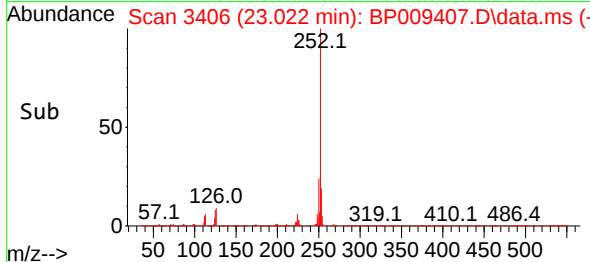
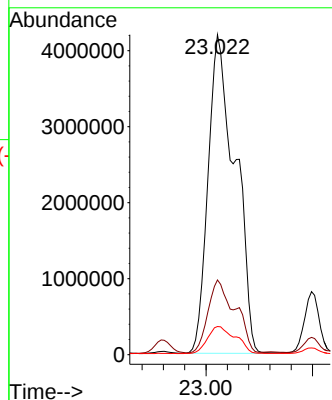
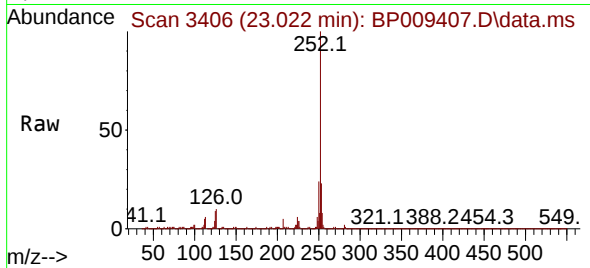




#89
Benzo(k)fluoranthene
Concen: 122.285 ng
RT: 23.022 min Scan# 3411
Delta R.T. -0.029 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

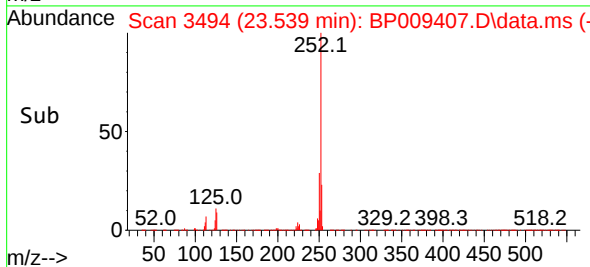
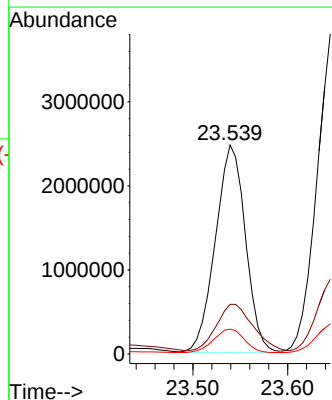
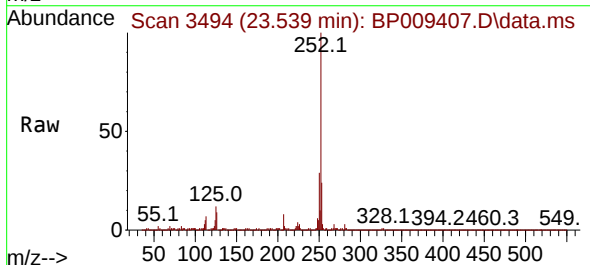
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-A

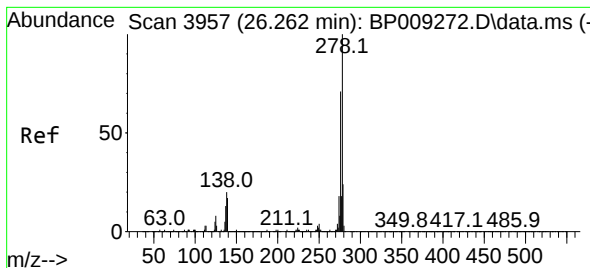
Tgt Ion:252 Resp:14797263
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 8.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 45.361 ng
RT: 23.539 min Scan# 3494
Delta R.T. -0.088 min
Lab File: BP009407.D
Acq: 15 Mar 2022 20:12

Tgt Ion:252 Resp: 5449396
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 11.9 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 12.871 ng

RT: 26.274 min Scan# 3957

Delta R.T. 0.012 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

Instrument :

BNP_P

ClientSampleId :

JDSH-TB-STOCKPILE-A

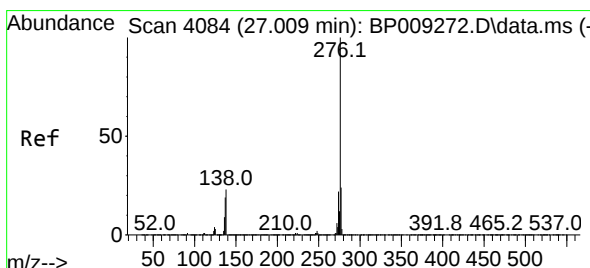
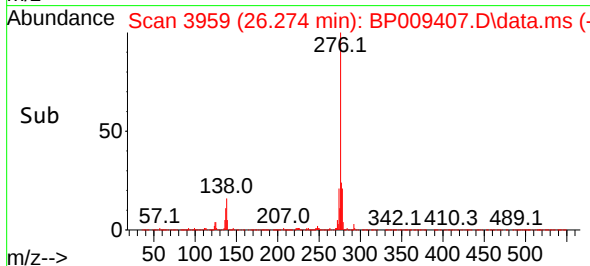
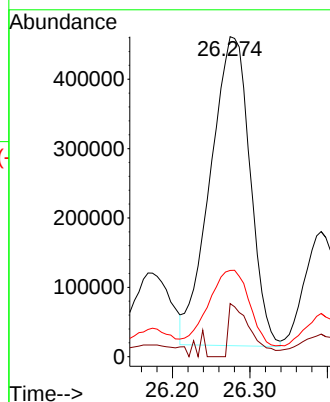
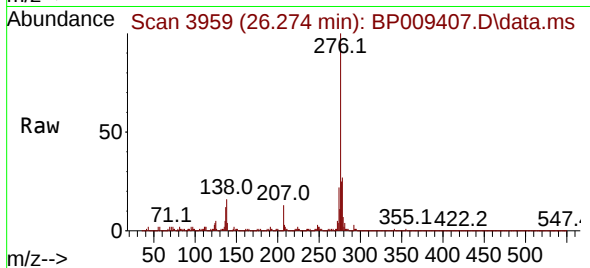
Tgt Ion:278 Resp: 1590734

Ion Ratio Lower Upper

278 100

139 16.6 13.2 19.8

279 26.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.947 ng

RT: 27.045 min Scan# 4090

Delta R.T. 0.035 min

Lab File: BP009407.D

Acq: 15 Mar 2022 20:12

Tgt Ion:276 Resp: 5487862

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 17.2 18.0 27.0#

