

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009643.D
 Acq On : 31 Mar 2022 17:16
 Operator : CG/JU
 Sample : N2195-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-1-5FT

Quant Time: Apr 01 04:10:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

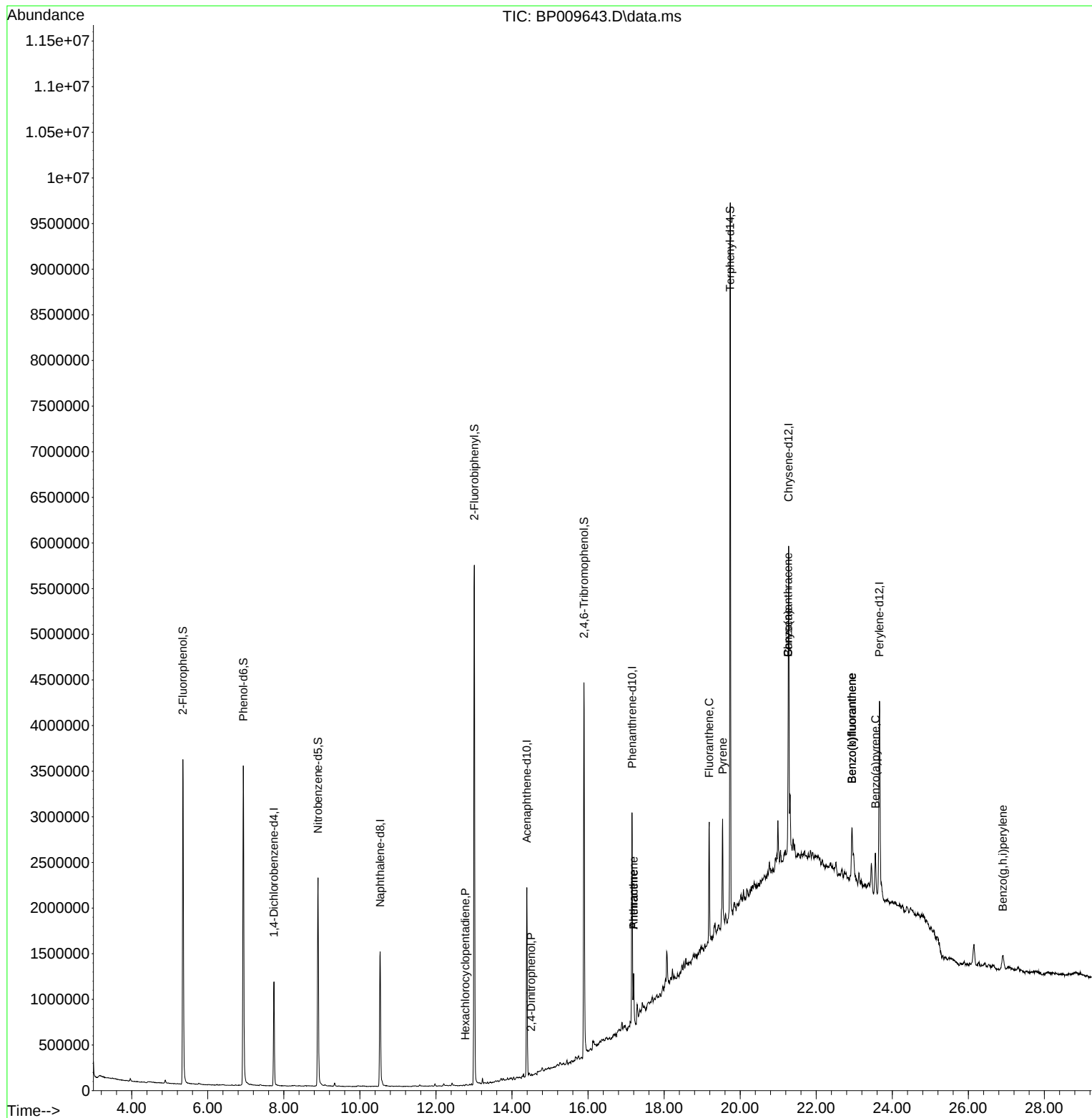
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	354664	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1416280	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	793135	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1537868	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1603120	20.000	ng	0.00
86) Perylene-d12	23.663	264	1782774	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1878548	92.477	ng	0.00
7) Phenol-d6	6.934	99	2442061	88.895	ng	0.00
23) Nitrobenzene-d5	8.899	82	1574972	59.095	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	992762	75.852	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3303775	57.745	ng	0.00
79) Terphenyl-d14	19.739	244	4253248	47.620	ng	0.00
Target Compounds						
9) Benzaldehyde	6.905	77	1812	Below Cal	Qvalue	# 51
41) Hexachlorocyclopentadiene	12.775	237	76	7.294	ng	78
54) 2,4-Dinitrophenol	14.504	184	71	4.541	ng	# 1
71) Phenanthrene	17.198	178	366124	4.447	ng	99
72) Anthracene	17.198	178	366124	4.505	ng	98
75) Fluoranthene	19.186	202	825720	8.285	ng	97
78) Pyrene	19.539	202	768953	7.279	ng	98
81) Benzo(a)anthracene	21.263	228	419069	3.979	ng	96
83) Chrysene	21.263	228	419069	4.202	ng	96
88) Benzo(b)fluoranthene	22.939	252	667211	6.269	ng	# 92
89) Benzo(k)fluoranthene	22.939	252	667211	6.403	ng	# 92
90) Benzo(a)pyrene	23.557	252	381785	4.193	ng	# 93
92) Benzo(g,h,i)perylene	26.909	276	236907	2.136	ng	# 92

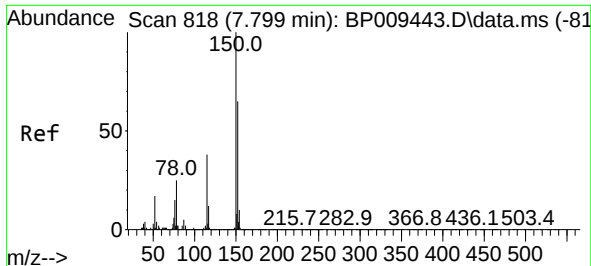
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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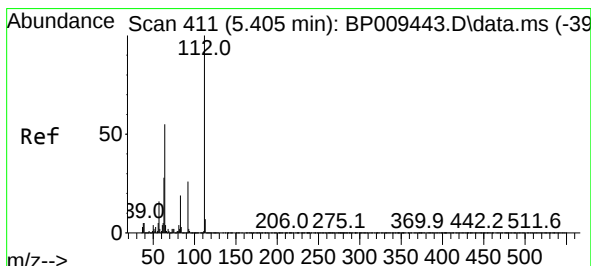
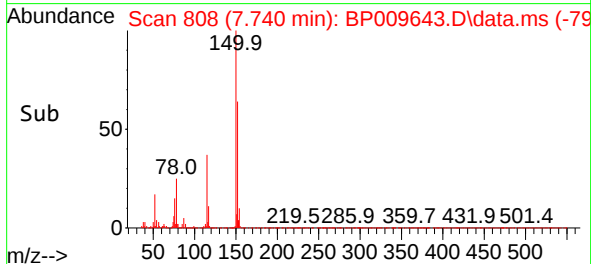
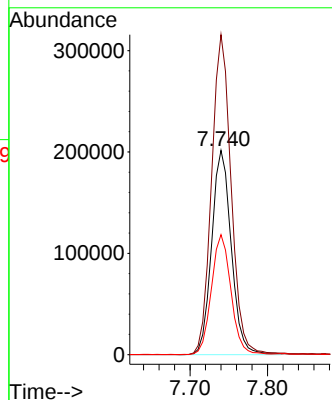
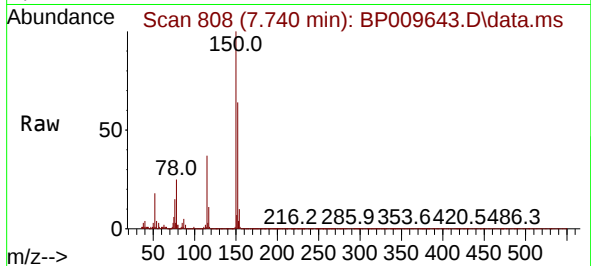




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

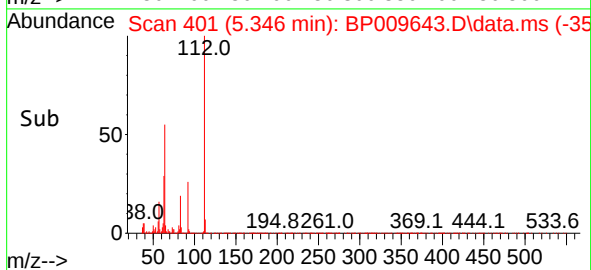
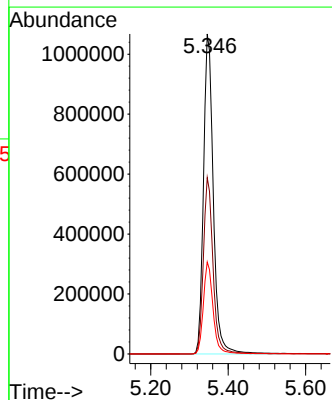
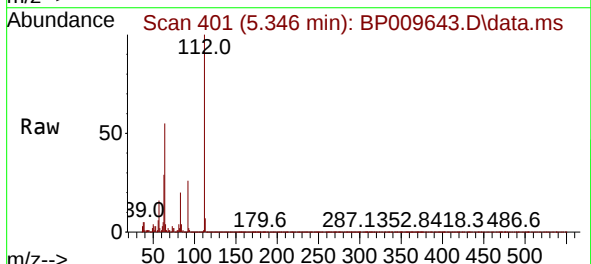
Instrument :
BNA_P
ClientSampleId :
TP-1-1-5FT

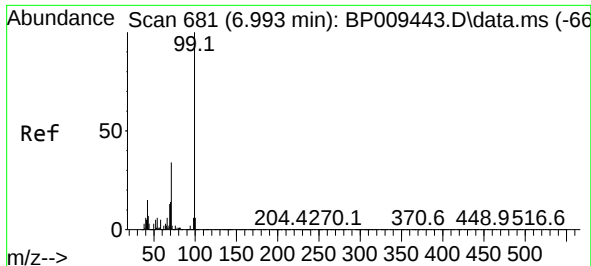
Tgt Ion:152 Resp: 354664
Ion Ratio Lower Upper
152 100
150 156.7 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 92.477 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:112 Resp: 1878548
Ion Ratio Lower Upper
112 100
64 55.1 45.0 67.4
63 28.8 23.0 34.6

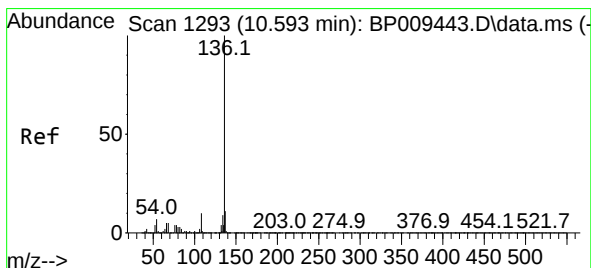
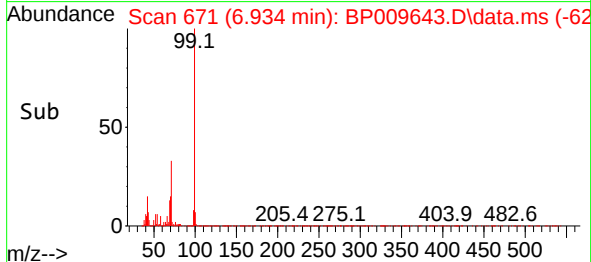
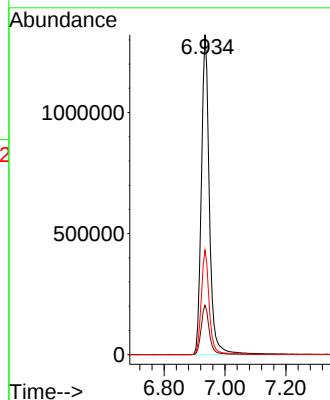
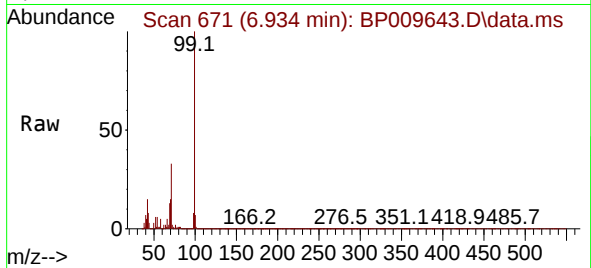




#7
Phenol-d6
Concen: 88.895 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

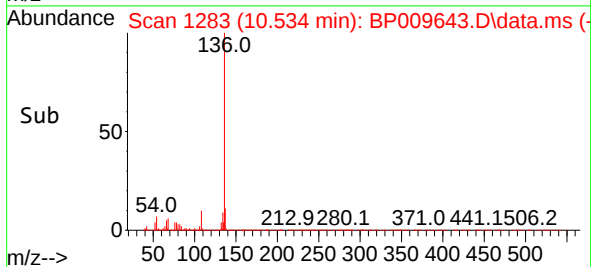
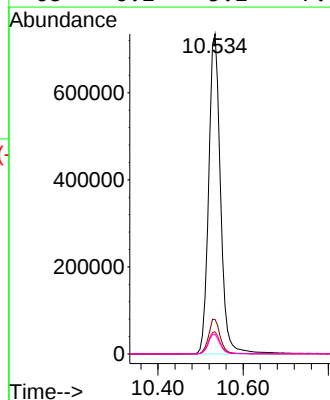
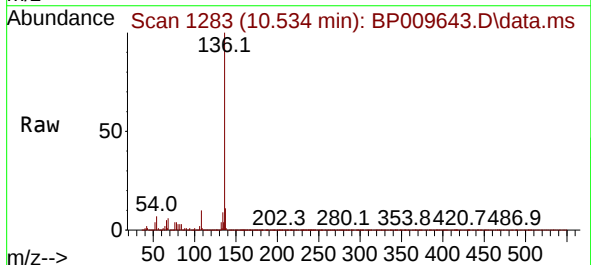
Instrument :
BNA_P
ClientSampleId :
TP-1-1-5FT

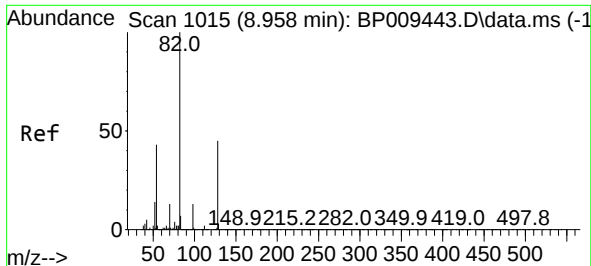
Tgt Ion: 99 Resp: 2442061
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion: 136 Resp: 1416280
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 5.8 8.8
68 6.2 5.2 7.8

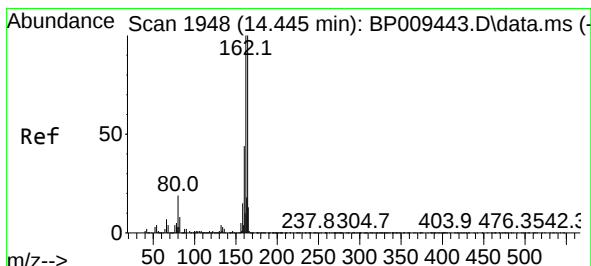
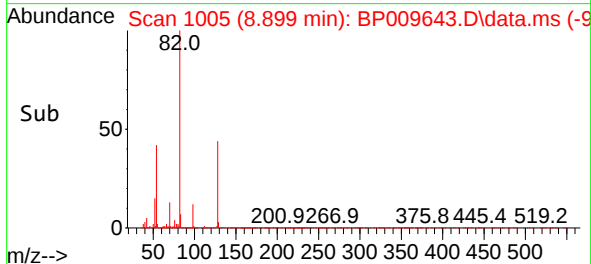
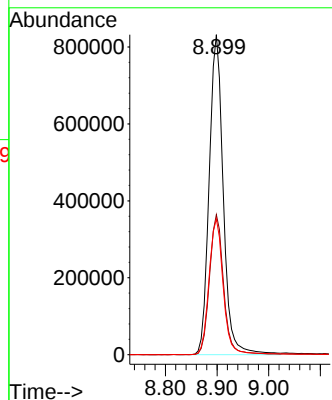
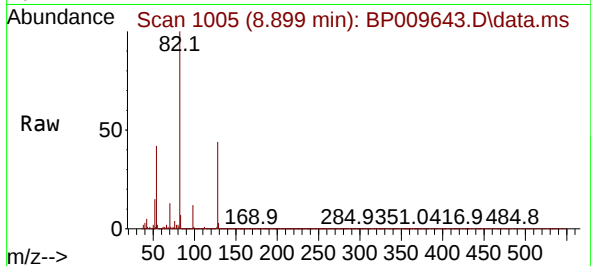




#23
Nitrobenzene-d5
Concen: 59.095 ng
RT: 8.899 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

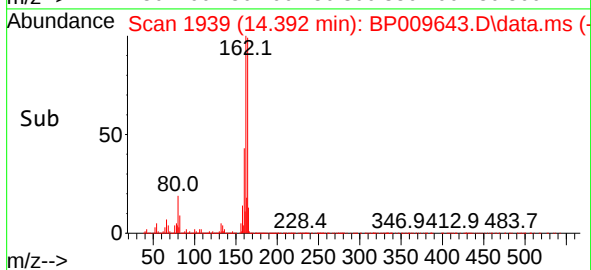
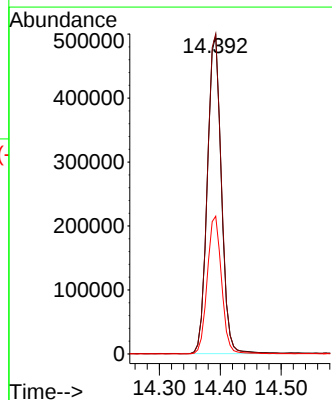
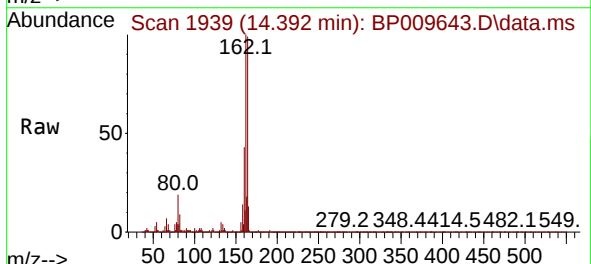
Instrument :
BNA_P
ClientSampleId :
TP-1-1-5FT

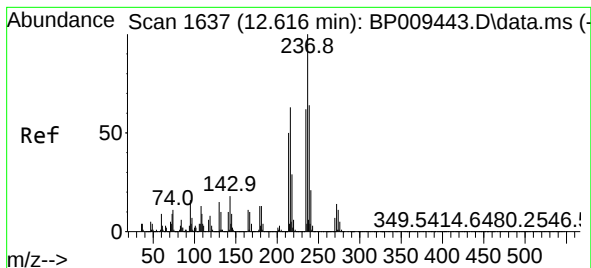
Tgt Ion: 82 Resp: 1574972
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 42.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:164 Resp: 793135
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 43.3 34.9 52.3

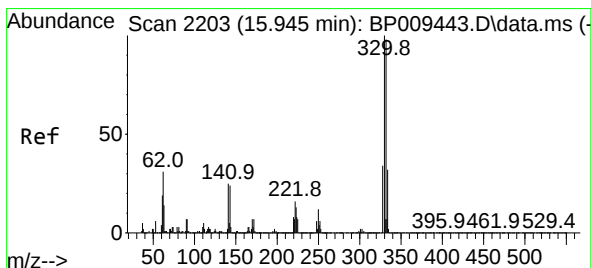
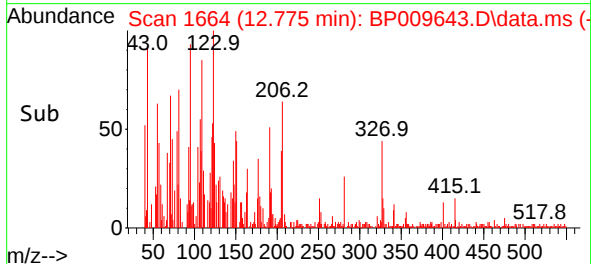
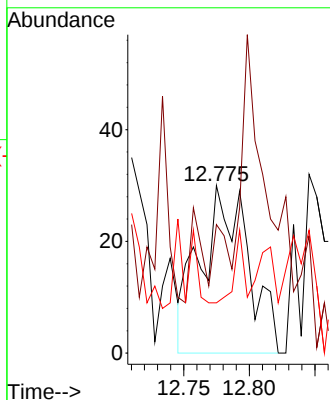
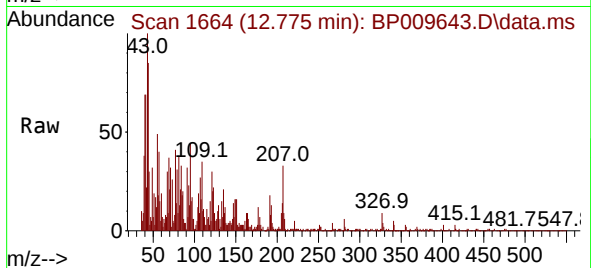




#41
Hexachlorocyclopentadiene
Concen: 7.294 ng
RT: 12.775 min Scan# 1
Delta R.T. 0.218 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

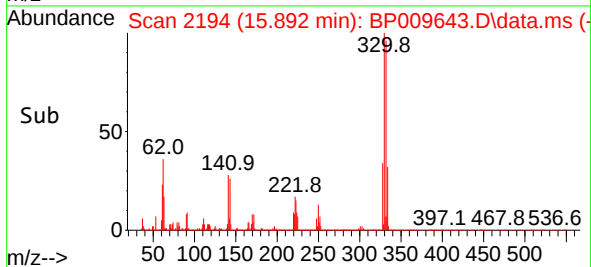
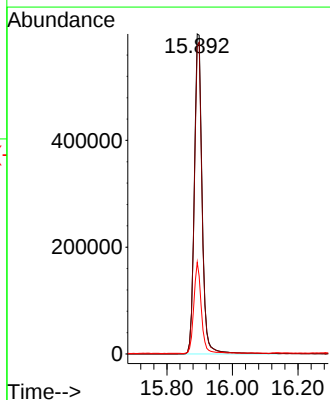
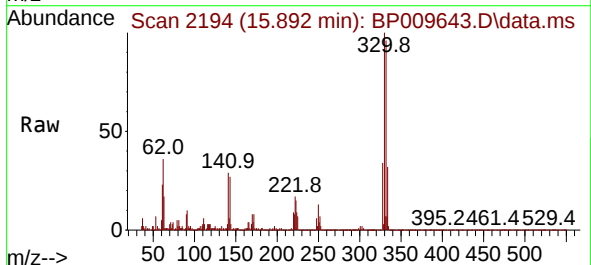
Instrument :
BNA_P
ClientSampleId :
TP-1-1-5FT

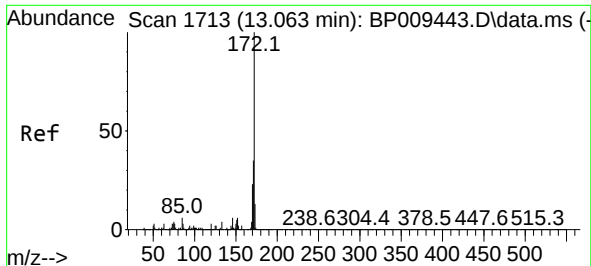
Tgt Ion:	237	Resp:	76
Ion Ratio	Lower	Upper	
237	100		
235	76.7	42.6	82.6
272	30.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 75.852 ng
RT: 15.892 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:	330	Resp:	992762
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	27.4	27.6	41.4#

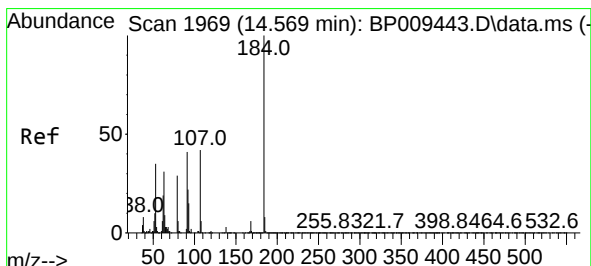
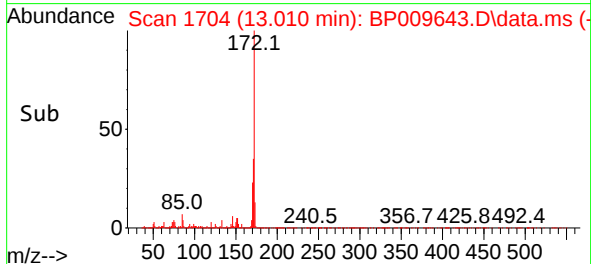
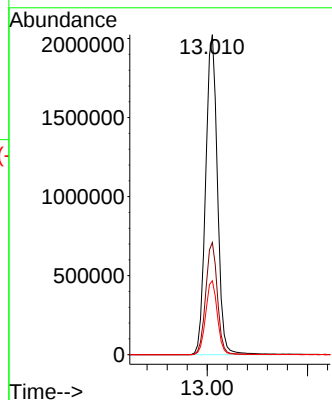
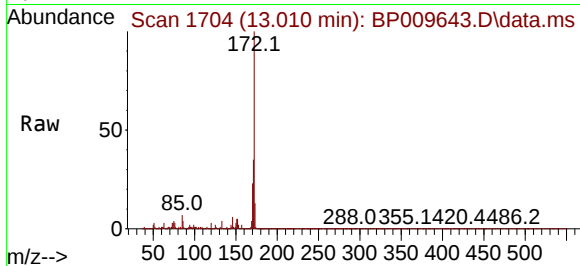




#45
2-Fluorobiphenyl
Concen: 57.745 ng
RT: 13.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

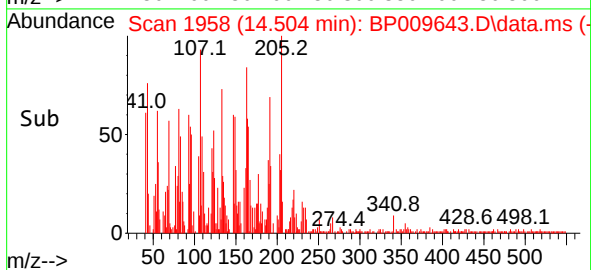
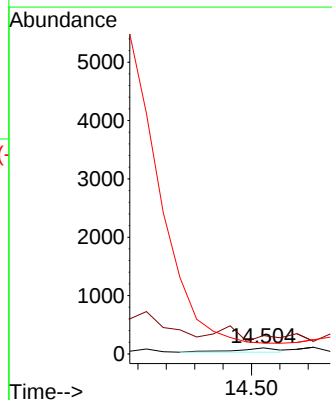
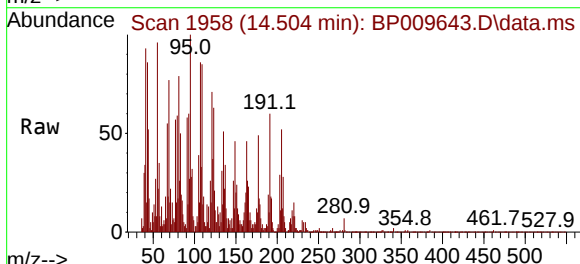
Instrument :
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ClientSampleId :
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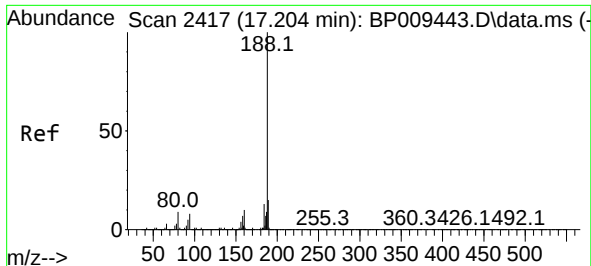
Tgt Ion:172 Resp: 3303775
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.1 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.541 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.023 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 305.8 46.3 69.5#
154 179.6 45.8 68.6#

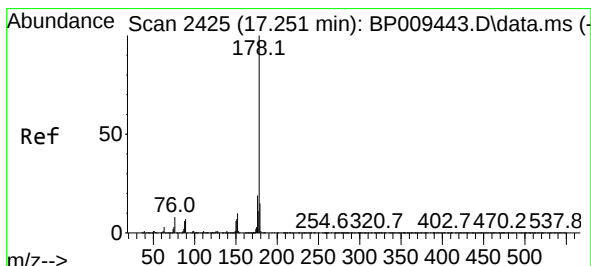
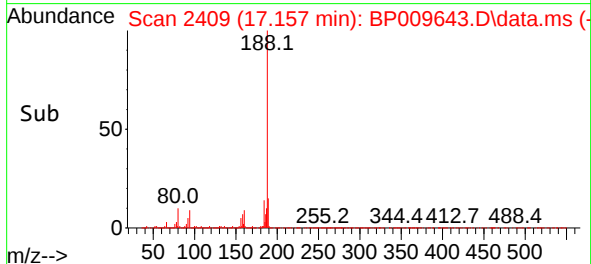
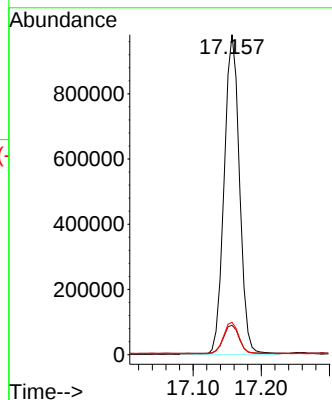
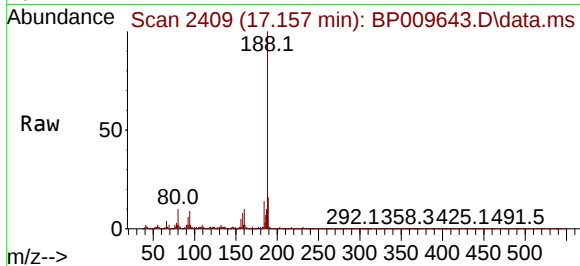




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

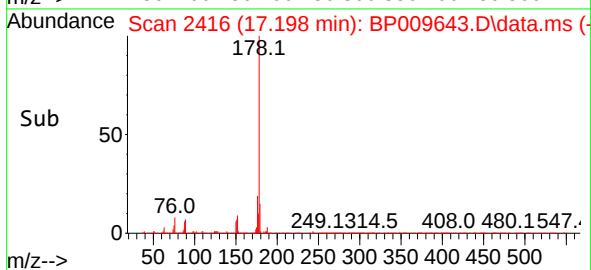
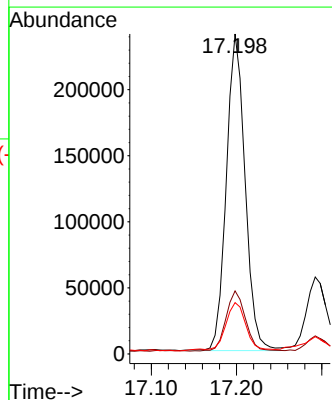
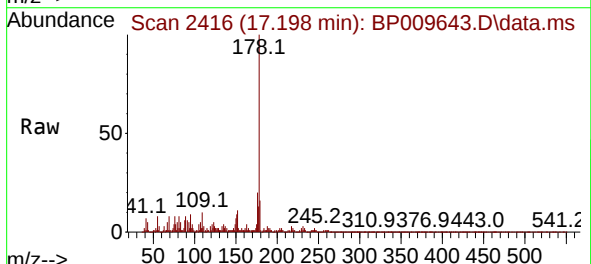
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TP-1-1-5FT

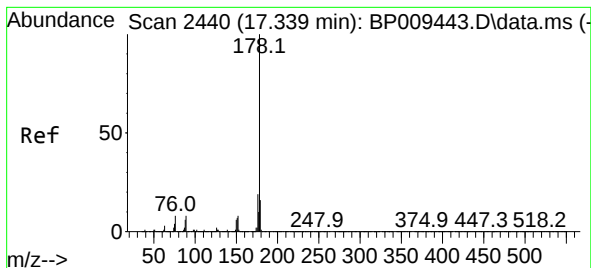
Tgt Ion:188 Resp: 1537868
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.1 8.8 13.2



#71
Phenanthrene
Concen: 4.447 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:178 Resp: 366124
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.0 12.3 18.5





#72

Anthracene

Concen: 4.505 ng

RT: 17.198 min Scan# 2440

Delta R.T. -0.094 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1-1-5FT

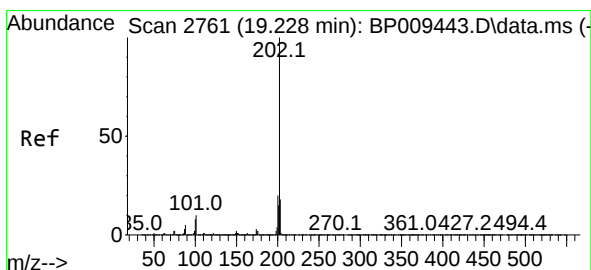
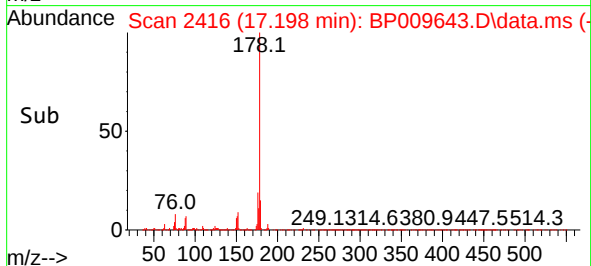
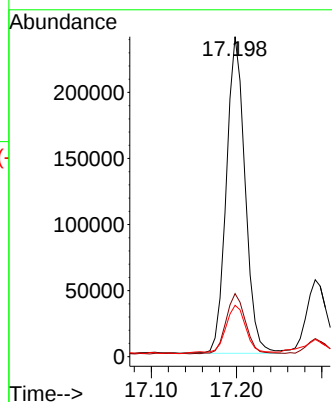
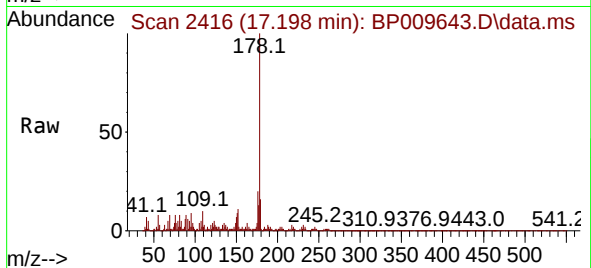
Tgt Ion:178 Resp: 366124

Ion Ratio Lower Upper

178 100

176 19.7 14.8 22.2

179 16.0 12.2 18.4



#75

Fluoranthene

Concen: 8.285 ng

RT: 19.186 min Scan# 2754

Delta R.T. 0.006 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

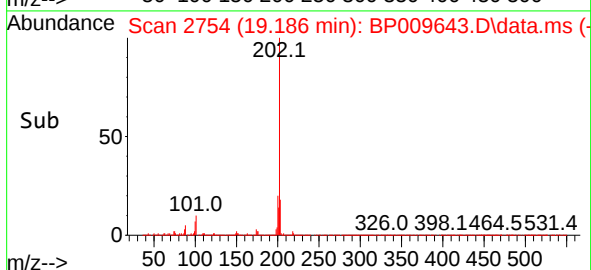
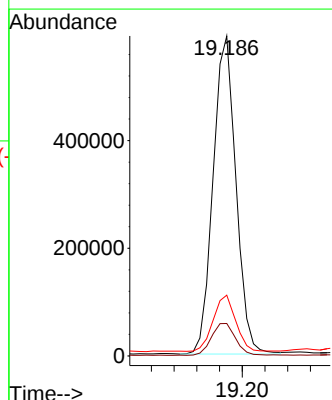
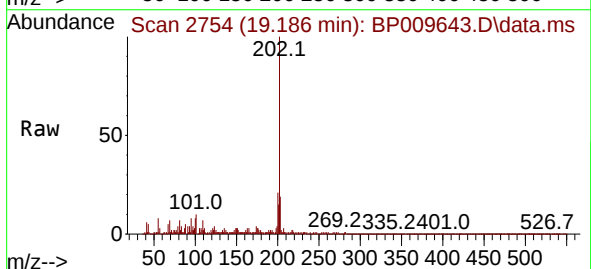
Tgt Ion:202 Resp: 825720

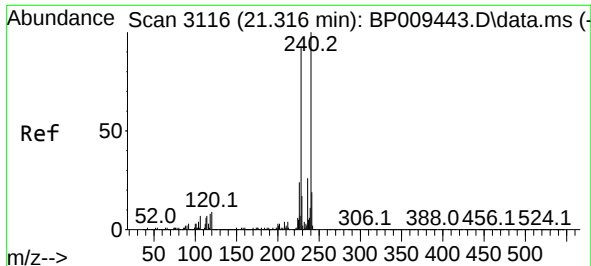
Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.5

203 19.0 0.0 37.8

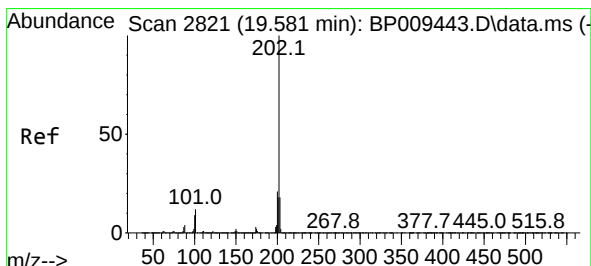
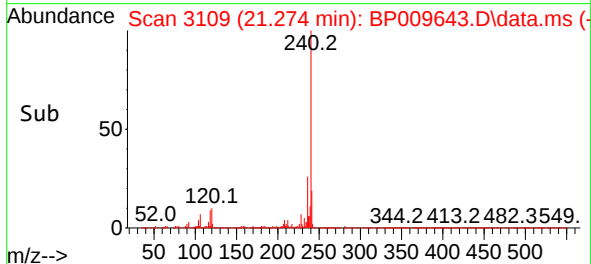
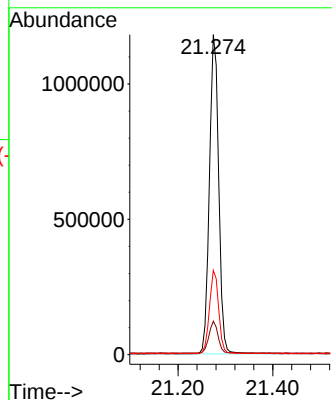
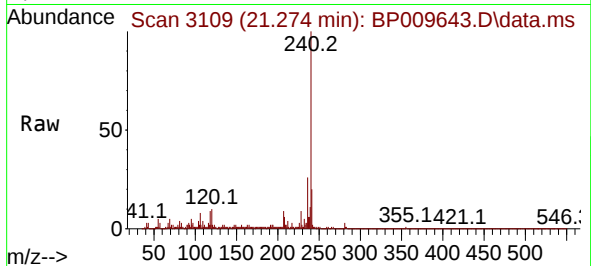




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

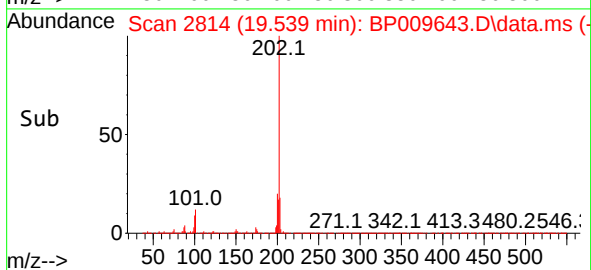
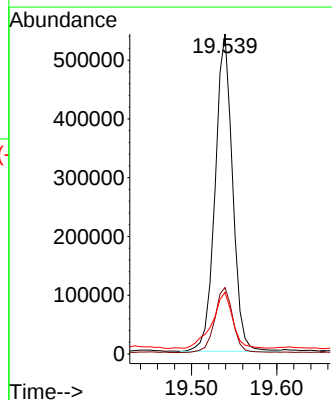
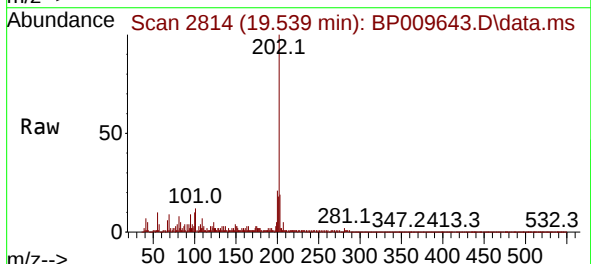
Instrument :
BNA_P
ClientSampleId :
TP-1-1-5FT

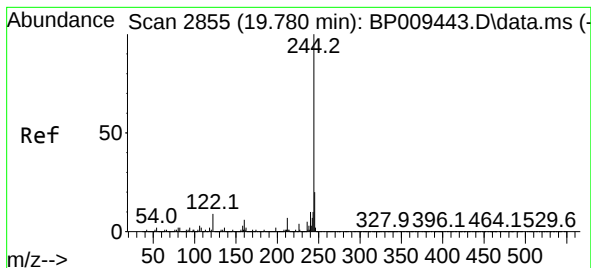
Tgt Ion:240 Resp: 1603120
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.4 20.6 30.8



#78
Pyrene
Concen: 7.279 ng
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:202 Resp: 768953
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 19.2 14.2 21.4





#79

Terphenyl-d14

Concen: 47.620 ng

RT: 19.739 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1-1-5FT

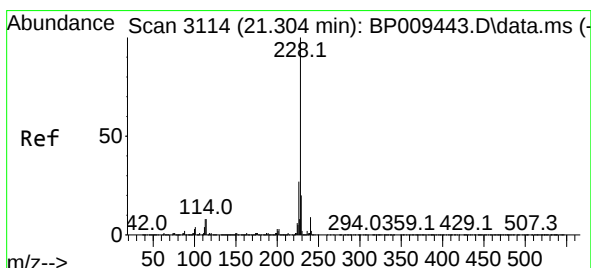
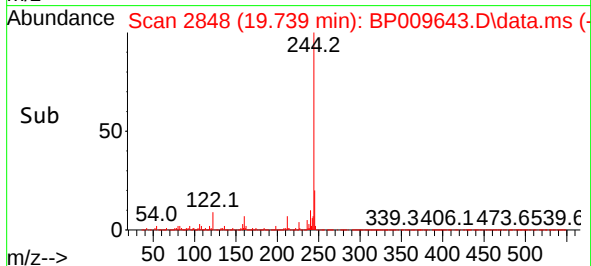
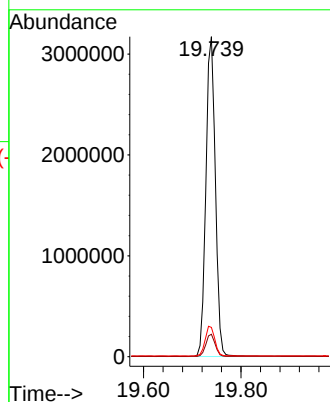
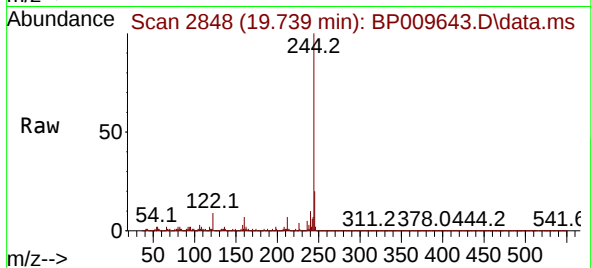
Tgt Ion:244 Resp: 4253248

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.2 8.3 12.5



#81

Benzo(a)anthracene

Concen: 3.979 ng

RT: 21.263 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

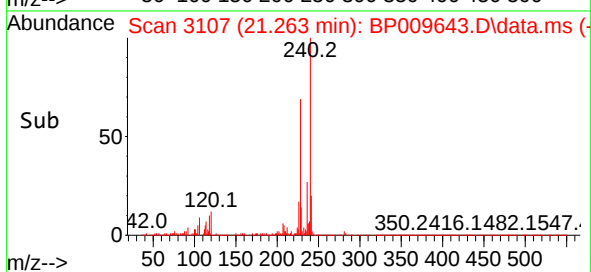
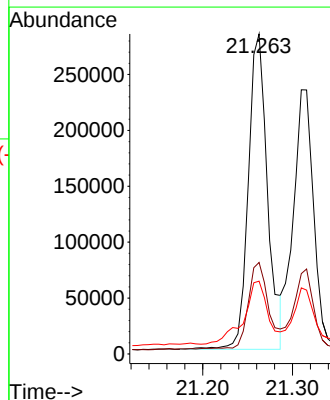
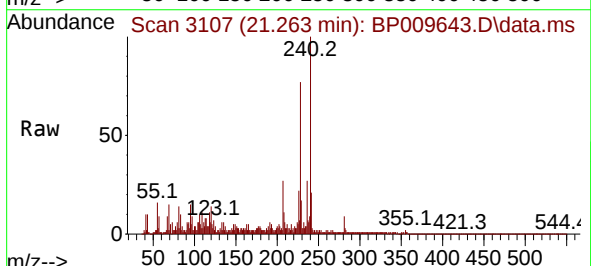
Tgt Ion:228 Resp: 419069

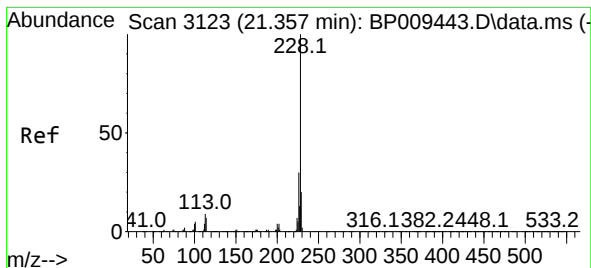
Ion Ratio Lower Upper

228 100

226 28.6 22.0 33.0

229 22.8 16.1 24.1





#83

Chrysene

Concen: 4.202 ng

RT: 21.263 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1-1-5FT

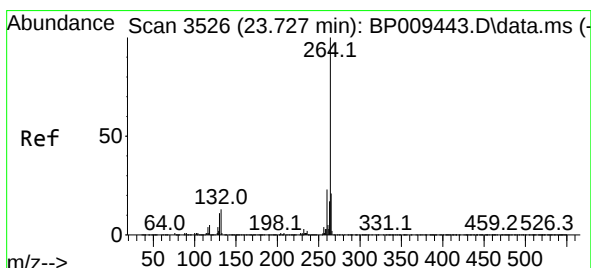
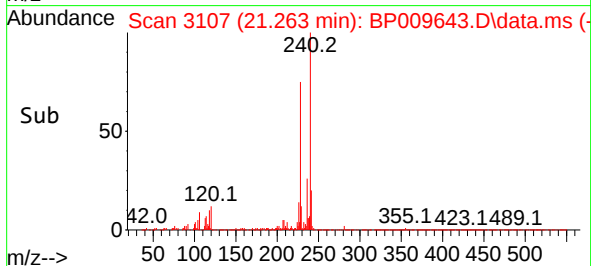
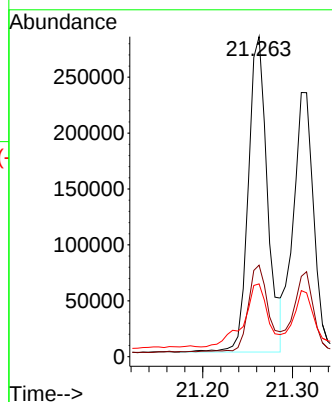
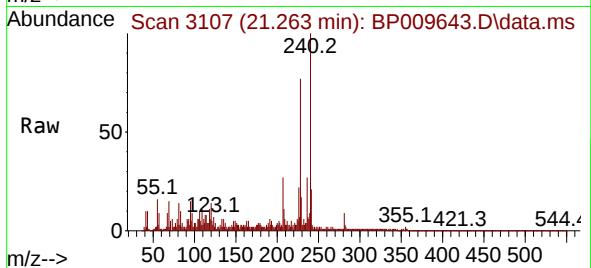
Tgt Ion:228 Resp: 419069

Ion Ratio Lower Upper

228 100

226 28.6 24.2 36.2

229 22.8 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.663 min Scan# 3515

Delta R.T. 0.012 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

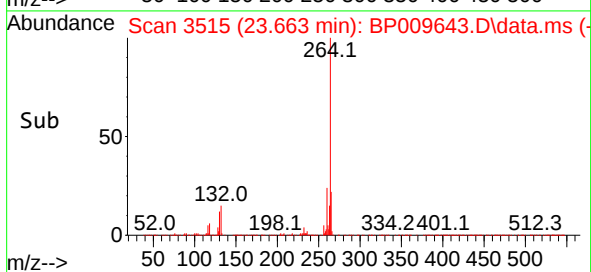
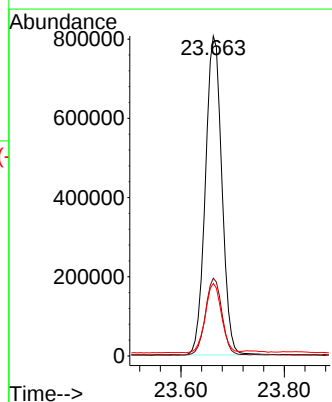
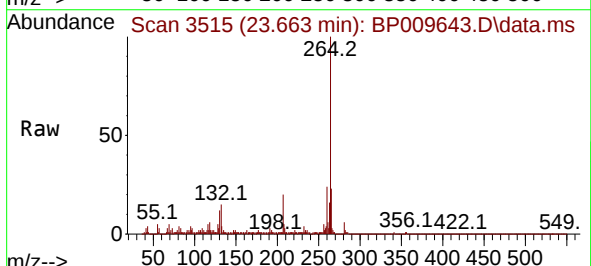
Tgt Ion:264 Resp: 1782774

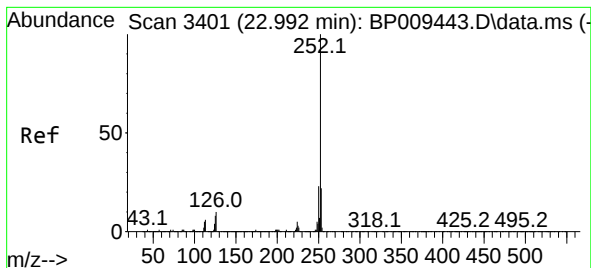
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 6.269 ng

RT: 22.939 min Scan# 3392

Delta R.T. 0.012 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

Instrument :

BNA_P

ClientSampleId :

TP-1-1-5FT

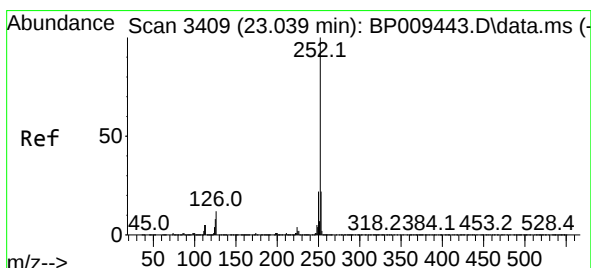
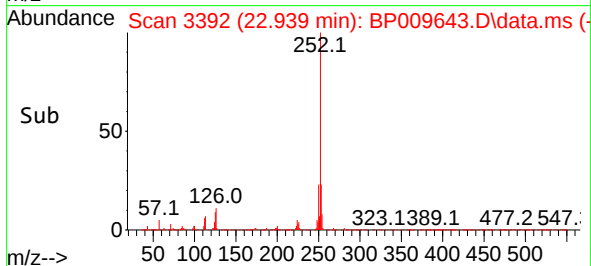
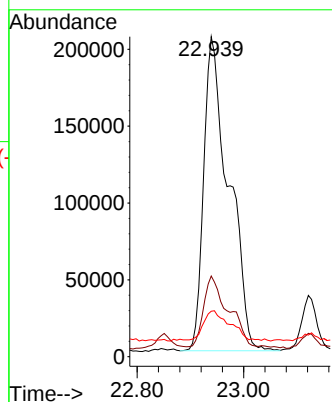
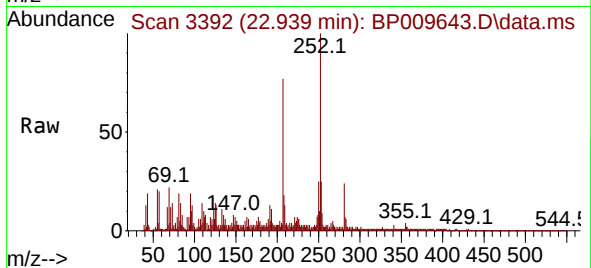
Tgt Ion:252 Resp: 667211

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

125 14.2 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 6.403 ng

RT: 22.939 min Scan# 3392

Delta R.T. -0.041 min

Lab File: BP009643.D

Acq: 31 Mar 2022 17:16

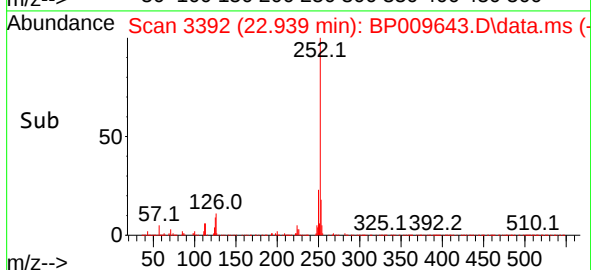
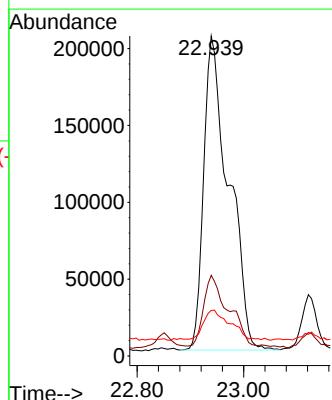
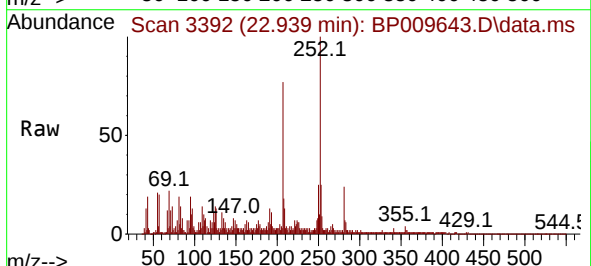
Tgt Ion:252 Resp: 667211

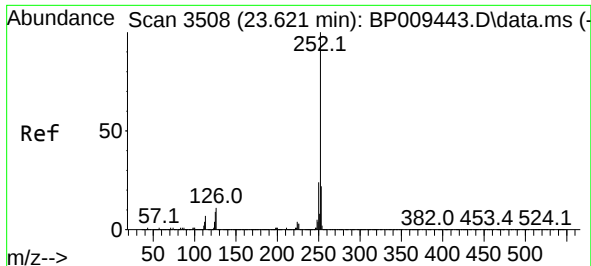
Ion Ratio Lower Upper

252 100

253 25.2 17.5 26.3

125 14.2 8.3 12.5#

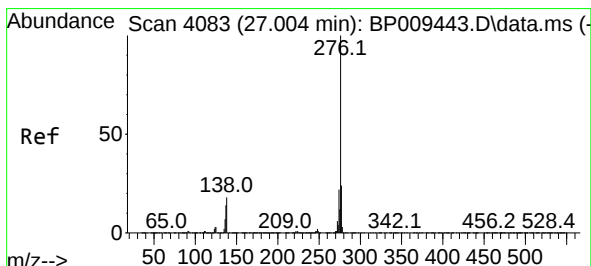
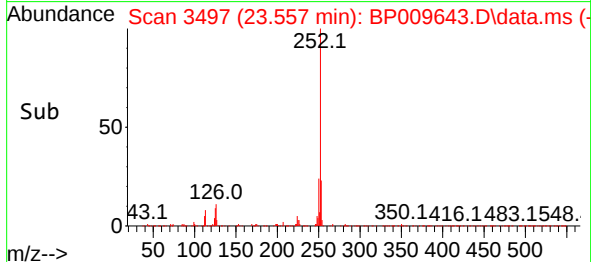
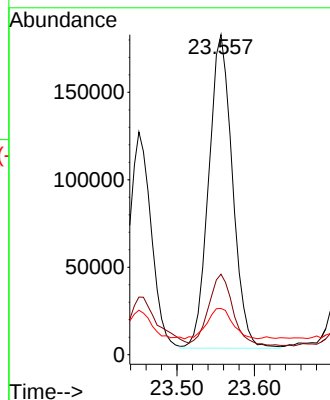
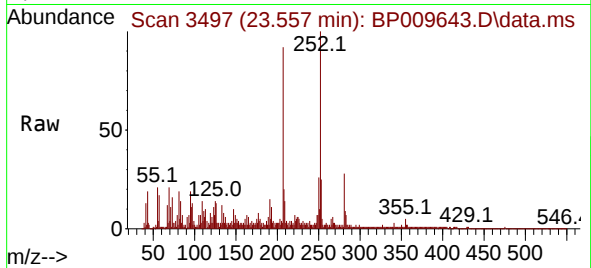




#90
Benzo(a)pyrene
Concen: 4.193 ng
RT: 23.557 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Instrument :
BNA_P
ClientSampleId :
TP-1-1-5FT

Tgt Ion:252 Resp: 381785
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.6
125 14.5 9.3 13.9#



#92
Benzo(g,h,i)perylene
Concen: 2.136 ng
RT: 26.909 min Scan# 4067
Delta R.T. 0.012 min
Lab File: BP009643.D
Acq: 31 Mar 2022 17:16

Tgt Ion:276 Resp: 236907
Ion Ratio Lower Upper
276 100
277 27.1 19.2 28.8
138 17.7 18.0 27.0#

