

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009139.D
 Acq On : 14 Feb 2022 17:47
 Operator : CG/JU
 Sample : N1426-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207DL

Quant Time: Feb 14 23:57:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

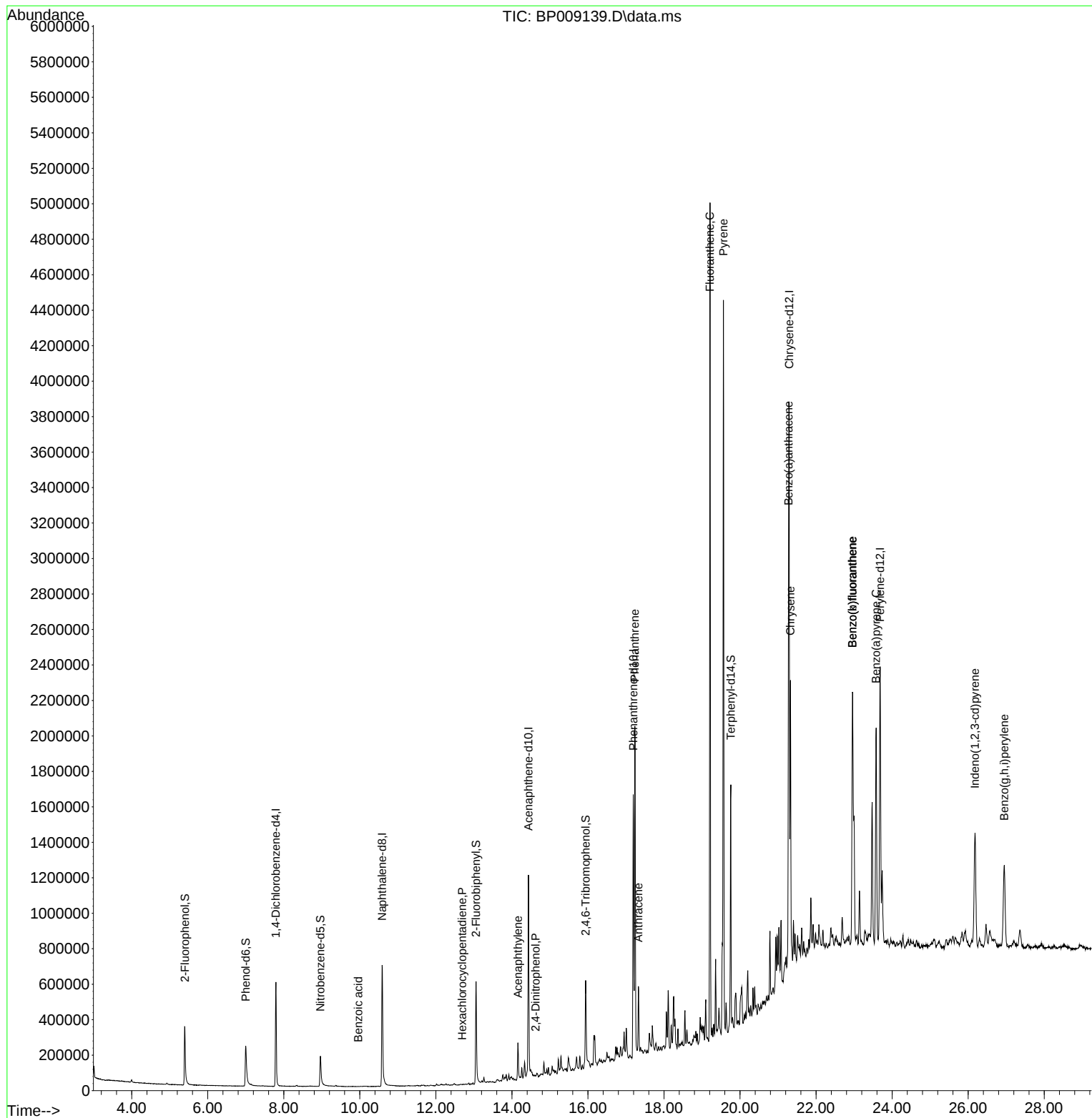
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	187605	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	705721	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	452128	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	961013	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1101691	20.000	ng	0.00
86) Perylene-d12	23.686	264	1228865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	204497	19.444	ng	0.00
7) Phenol-d6	6.999	99	237801	17.160	ng	0.01
23) Nitrobenzene-d5	8.963	82	150395	12.018	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	114129	18.906	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	408497	12.648	ng	-0.01
79) Terphenyl-d14	19.757	244	671683	10.964	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.957	122	103	2.705	ng	# 1
41) Hexachlorocyclopentadiene	12.693	237	8	8.657	ng	81
49) Acenaphthylene	14.157	152	165163	4.150	ng	99
54) 2,4-Dinitrophenol	14.628	184	113	2.206	ng	# 1
71) Phenanthrene	17.233	178	1247263	23.969	ng	99
72) Anthracene	17.328	178	287099	5.639	ng	100
75) Fluoranthene	19.210	202	2751423	47.177	ng	97
78) Pyrene	19.563	202	2587068	33.011	ng	97
81) Benzo(a)anthracene	21.274	228	1173495	16.529	ng	99
83) Chrysene	21.327	228	941475	13.756	ng	98
87) Indeno(1,2,3-cd)pyrene	26.180	276	731543	8.012	ng	# 94
88) Benzo(b)fluoranthene	22.957	252	1334604	17.642	ng	100
89) Benzo(k)fluoranthene	22.957	252	1334604	17.683	ng	99
90) Benzo(a)pyrene	23.580	252	1008138	15.984	ng	98
92) Benzo(g,h,i)perylene	26.951	276	667190	8.930	ng	99

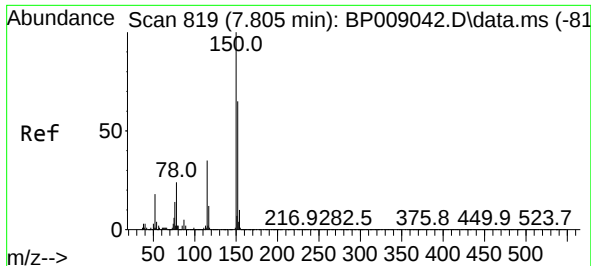
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 23:57:56 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

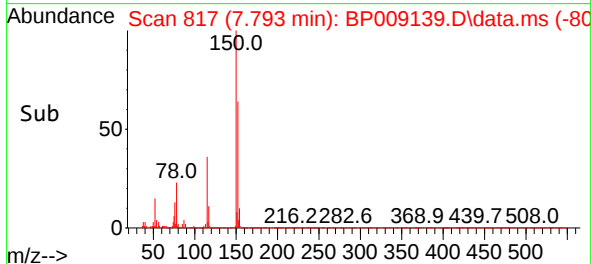
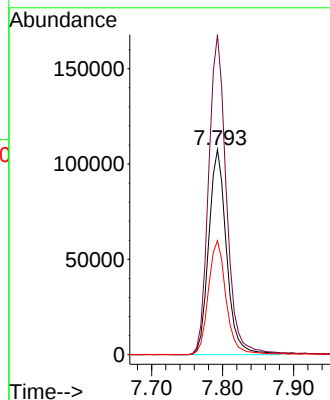
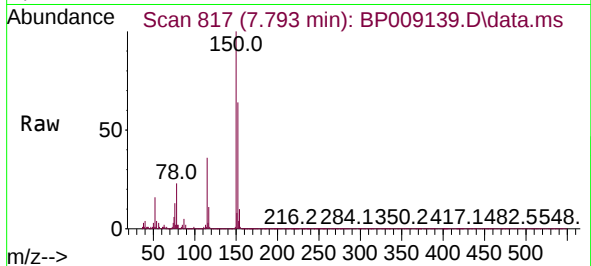




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

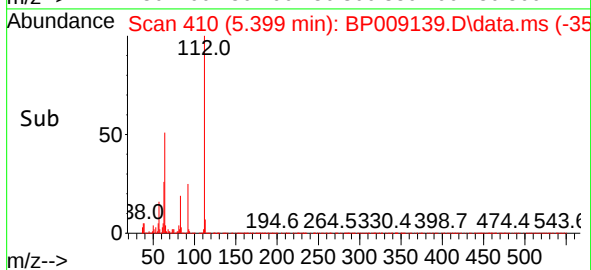
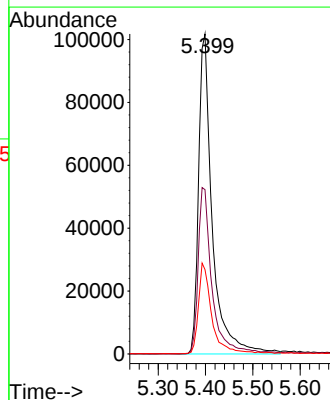
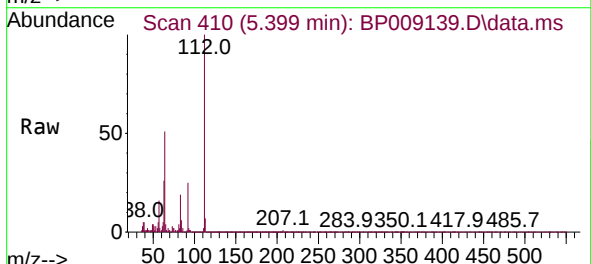
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

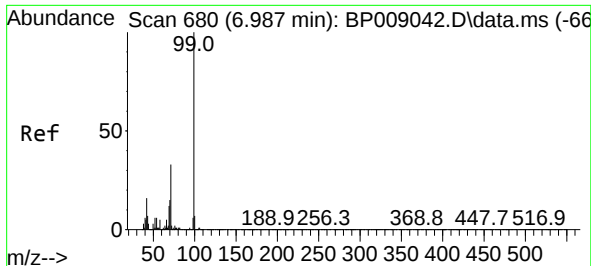
Tgt Ion:152 Resp: 187605
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 55.5 43.7 65.5



#5
2-Fluorophenol
Concen: 19.444 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:112 Resp: 204497
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 26.4 20.0 30.0

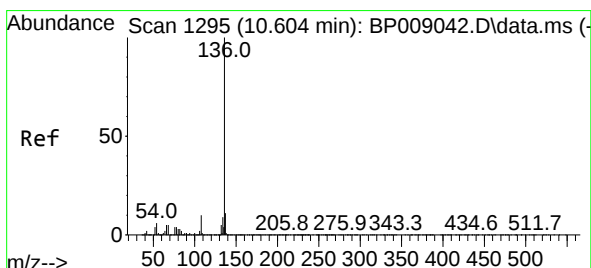
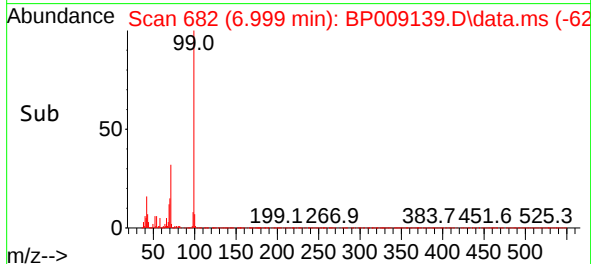
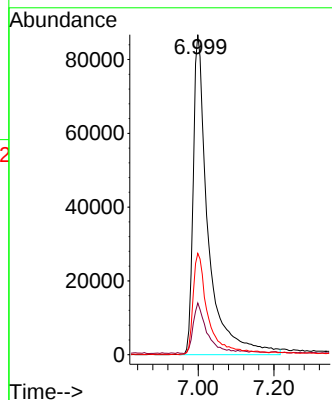
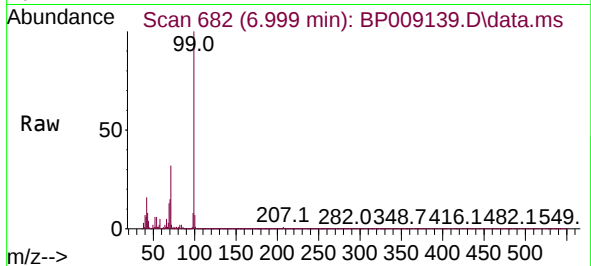




#7
Phenol-d6
Concen: 17.160 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

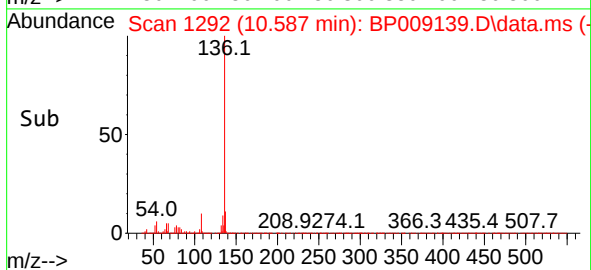
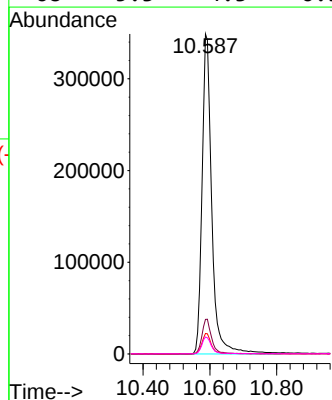
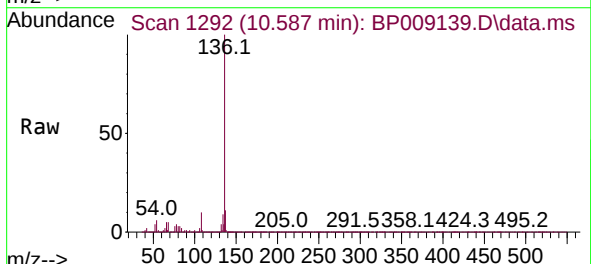
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

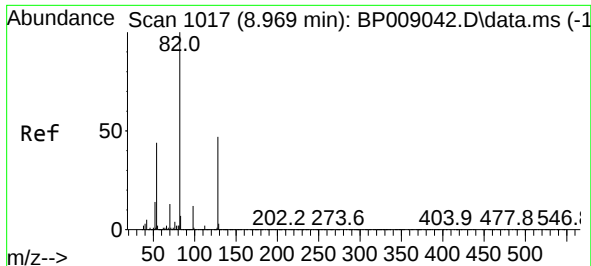
Tgt Ion: 99 Resp: 237801
Ion Ratio Lower Upper
99 100
42 16.2 10.8 16.2
71 31.7 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion: 136 Resp: 705721
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.4 4.9 7.3
68 5.3 4.3 6.5

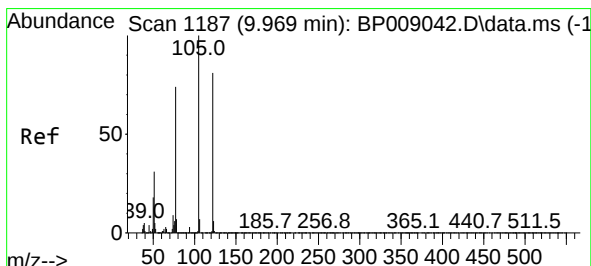
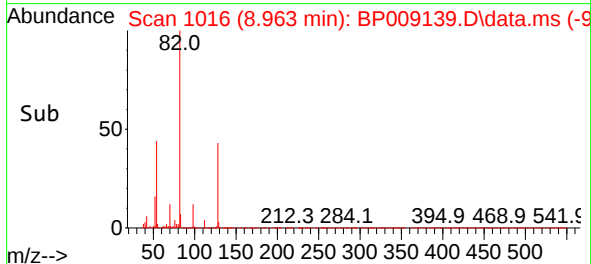
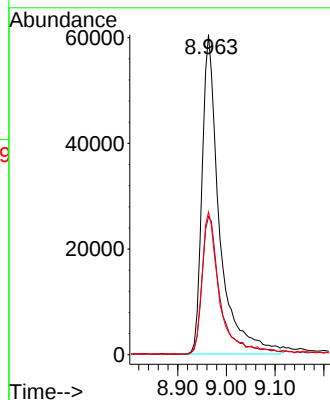
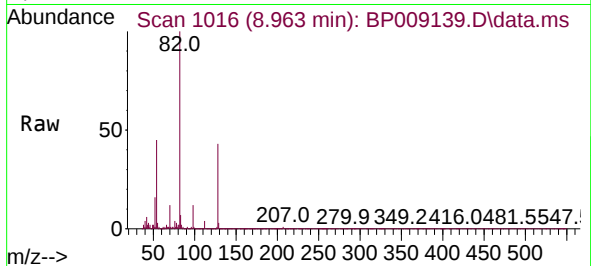




#23
Nitrobenzene-d5
Concen: 12.018 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

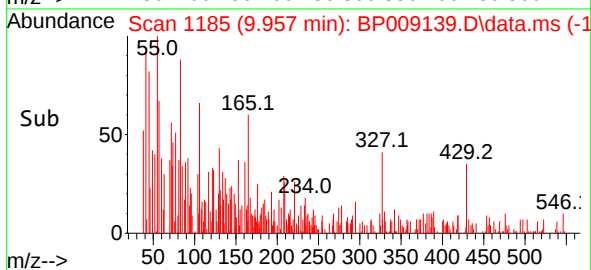
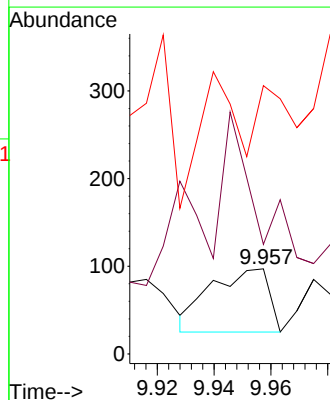
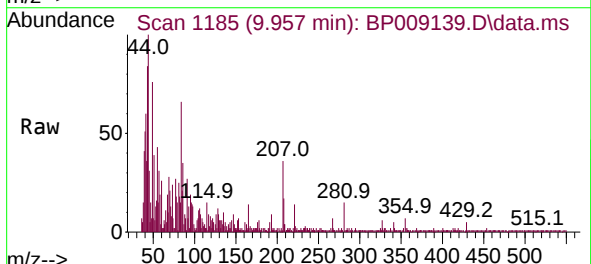
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

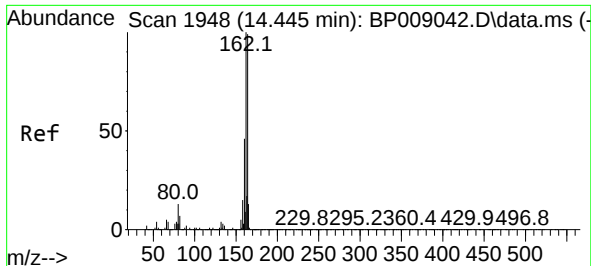
Tgt Ion: 82 Resp: 150395
Ion Ratio Lower Upper
82 100
128 43.1 39.4 59.2
54 44.6 32.6 48.8



#32
Benzoic acid
Concen: 2.705 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion: 122 Resp: 103
Ion Ratio Lower Upper
122 100
105 128.9 100.1 140.1
77 315.5 65.5 105.5

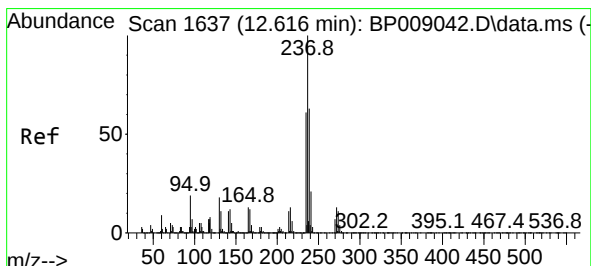
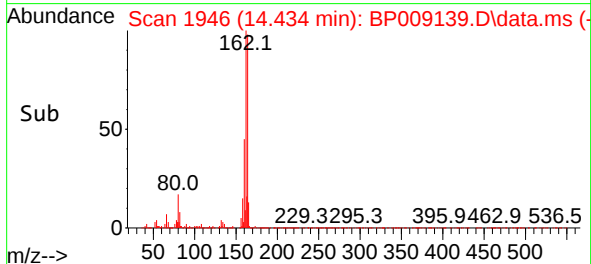
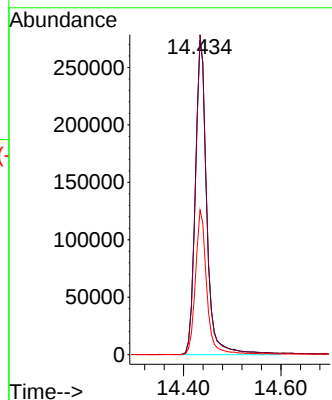
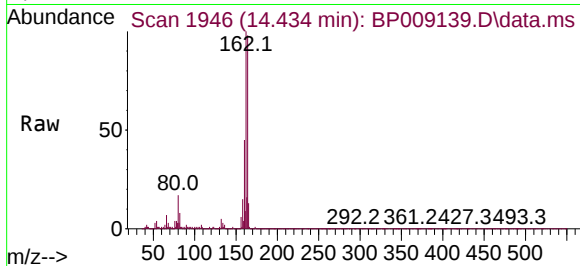




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

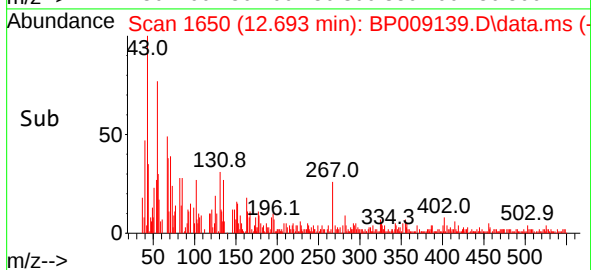
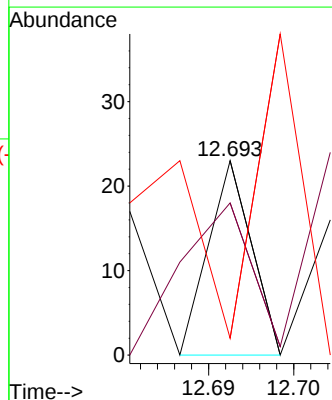
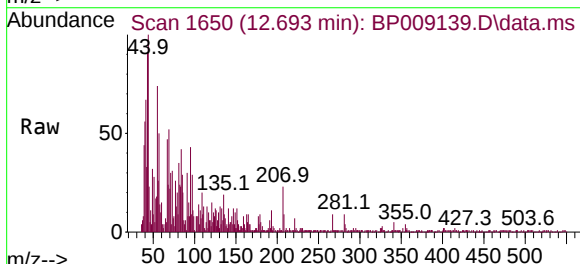
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

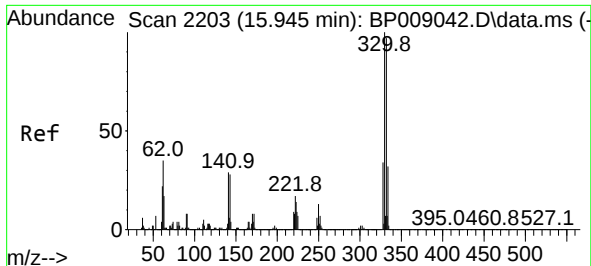
Tgt Ion:164 Resp: 452128
Ion Ratio Lower Upper
164 100
162 101.8 79.9 119.9
160 46.0 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.693 min Scan# 1650
Delta R.T. 0.077 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 78.3 42.9 82.9
272 8.7 0.0 33.8

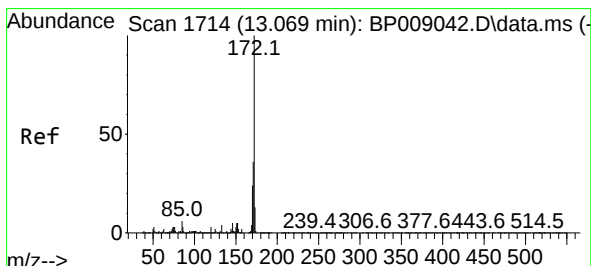
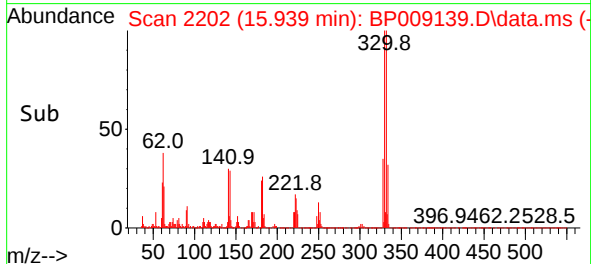
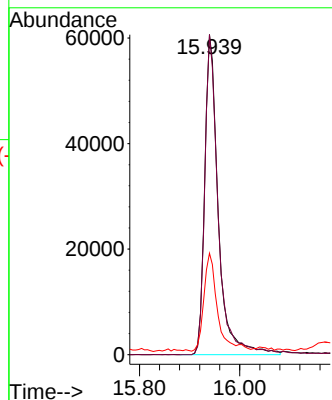
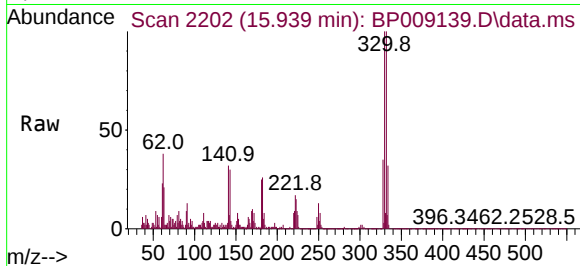




#42
2,4,6-Tribromophenol
Concen: 18.906 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

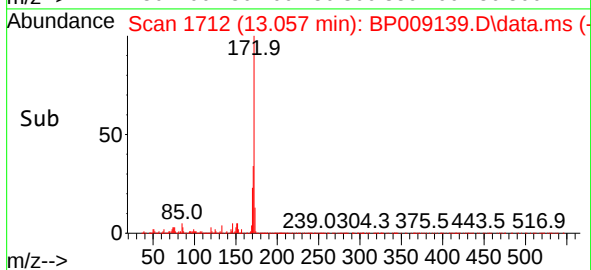
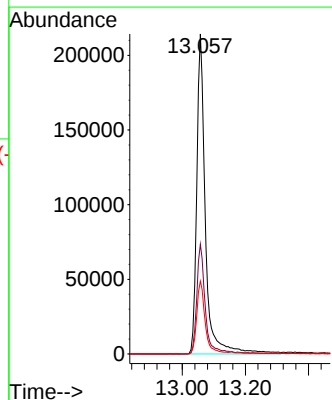
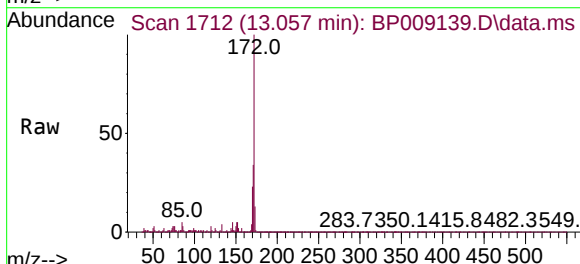
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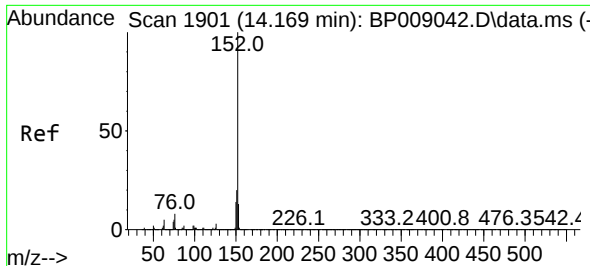
Tgt Ion:330 Resp: 114129
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.4
141 30.6 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 12.648 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:172 Resp: 408497
Ion Ratio Lower Upper
172 100
171 34.3 29.3 43.9
170 22.8 19.5 29.3

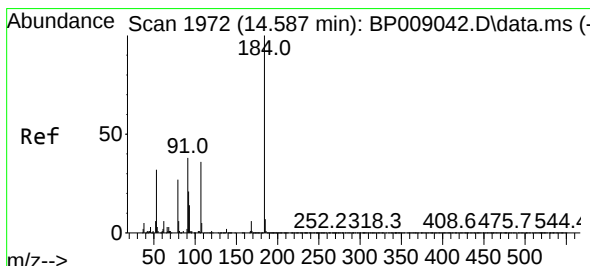
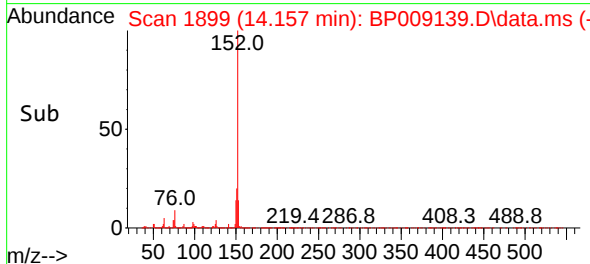
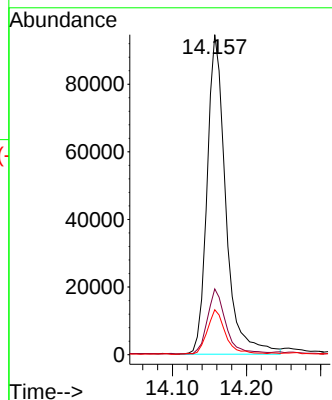
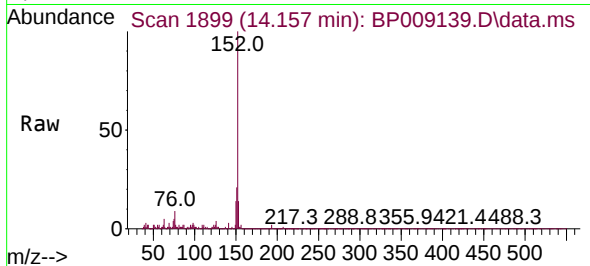




#49
Acenaphthylene
Concen: 4.150 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

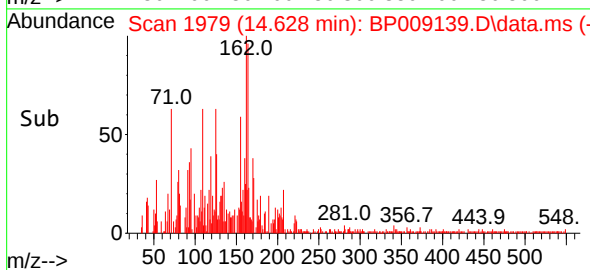
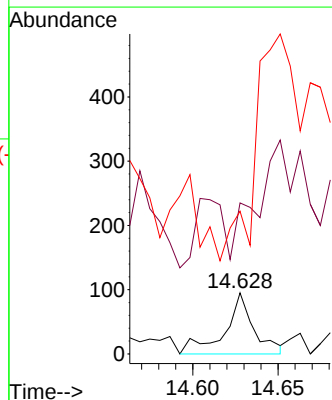
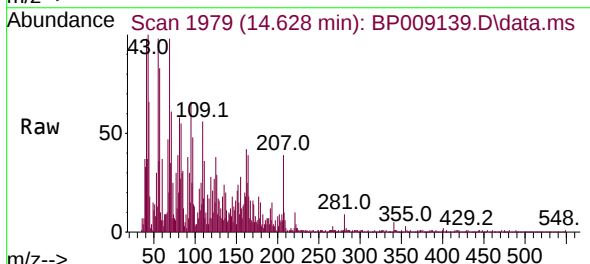
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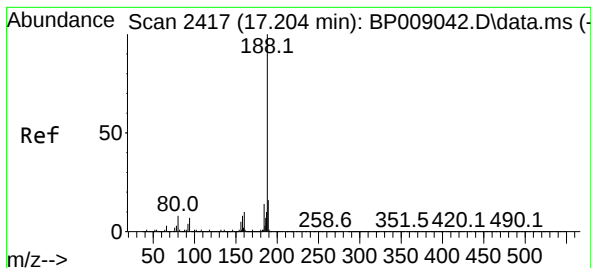
Tgt Ion:152 Resp: 165163
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.0 10.6 16.0



#54
2,4-Dinitrophenol
Concen: 2.206 ng
RT: 14.628 min Scan# 1979
Delta R.T. 0.041 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:184 Resp: 113
Ion Ratio Lower Upper
184 100
63 247.4 35.6 53.4#
154 233.7 43.4 65.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

Instrument :

BNA_P

ClientSampleId :

POST-EX-01-0207DL

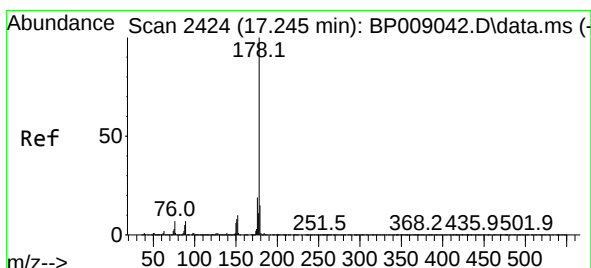
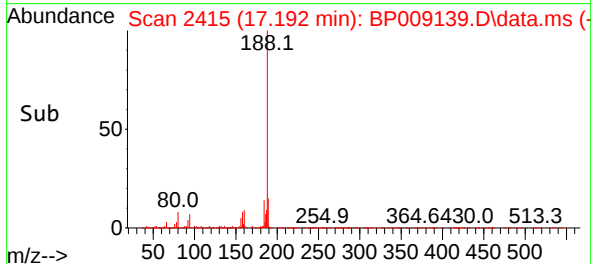
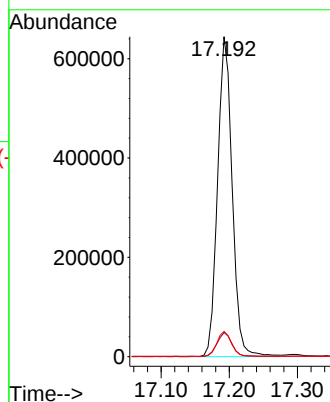
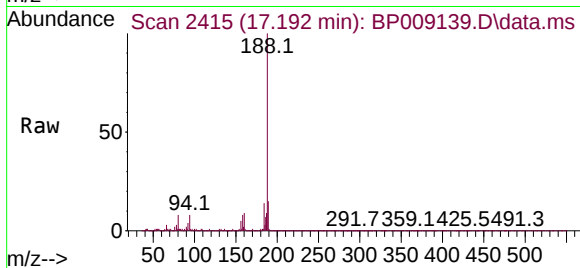
Tgt Ion:188 Resp: 961013

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

80 7.9 7.2 10.8



#71

Phenanthrene

Concen: 23.969 ng

RT: 17.233 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

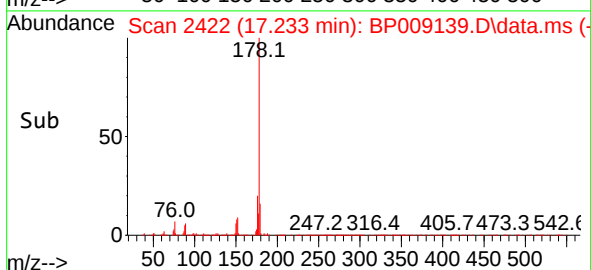
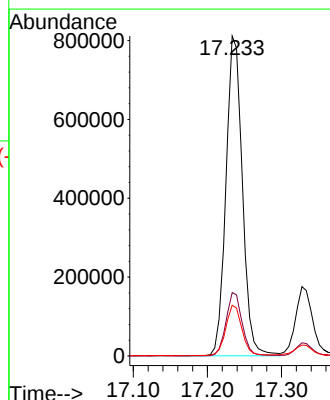
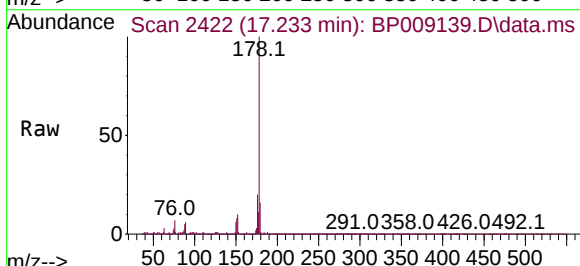
Tgt Ion:178 Resp: 1247263

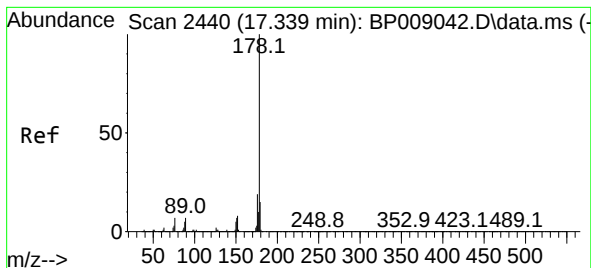
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.8 13.0 19.4





#72

Anthracene

Concen: 5.639 ng

RT: 17.328 min Scan# 2440

Delta R.T. -0.012 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

Instrument :

BNA_P

ClientSampleId :

POST-EX-01-0207DL

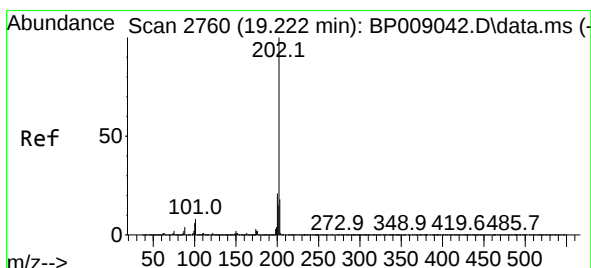
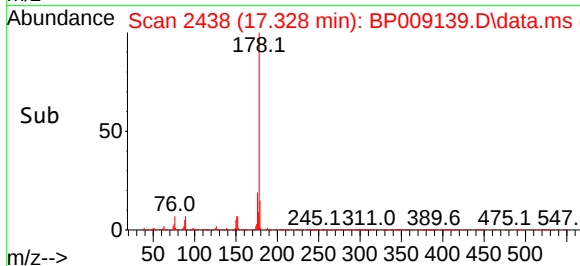
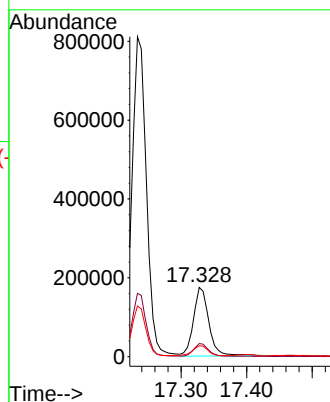
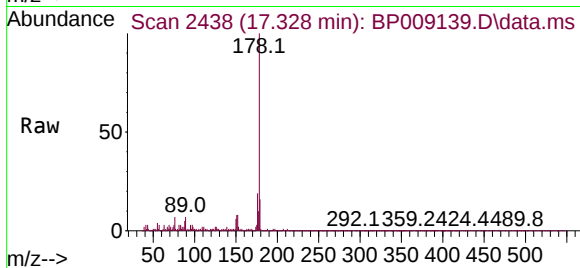
Tgt Ion:178 Resp: 287099

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.8 19.2



#75

Fluoranthene

Concen: 47.177 ng

RT: 19.210 min Scan# 2758

Delta R.T. -0.012 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

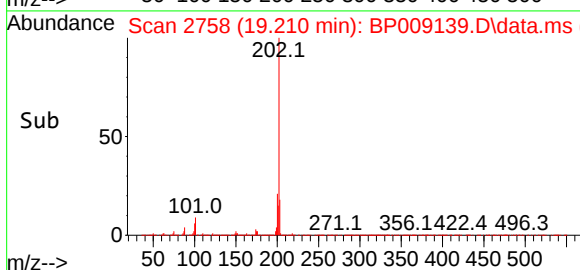
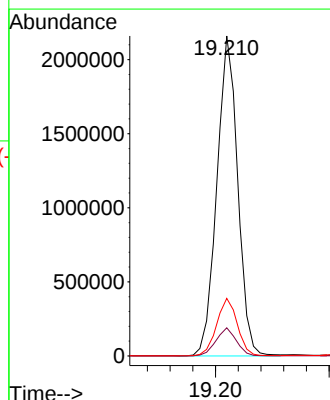
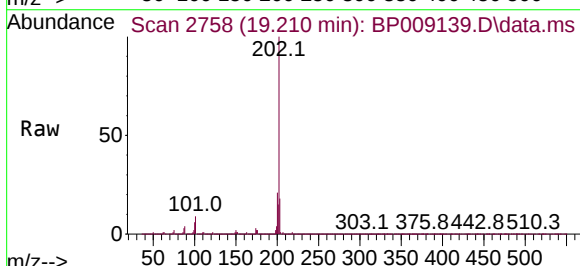
Tgt Ion:202 Resp: 2751423

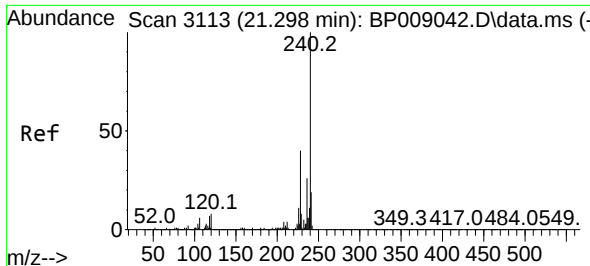
Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.7

203 18.0 0.0 38.9

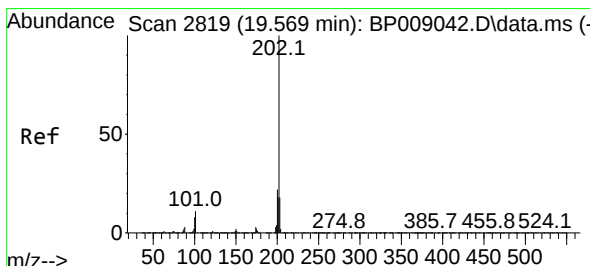
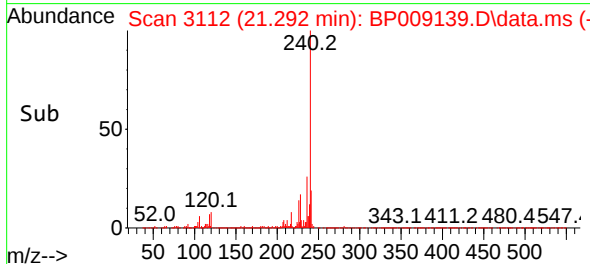
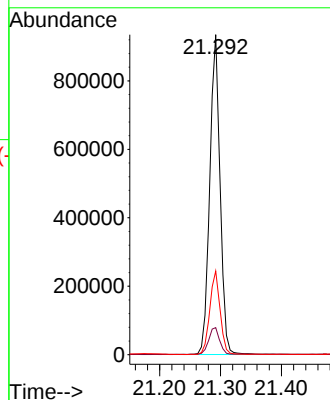
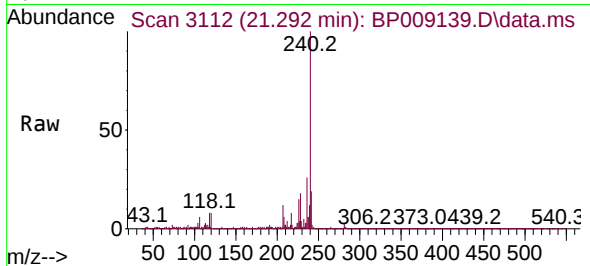




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

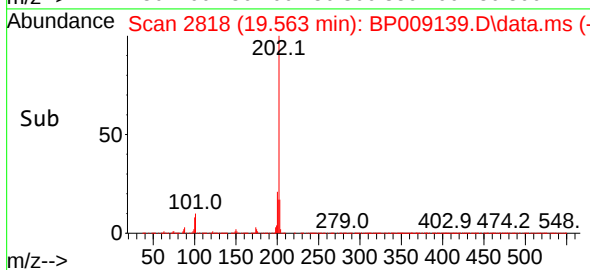
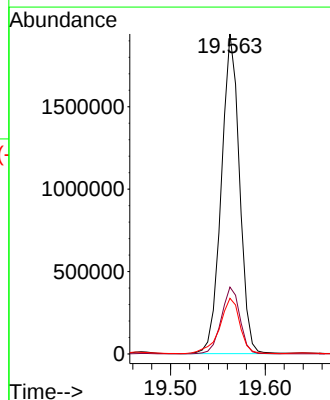
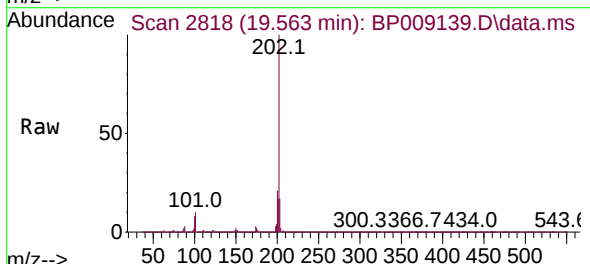
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

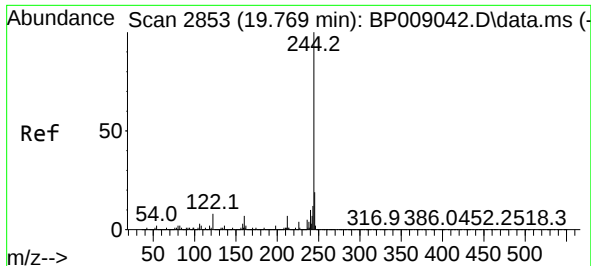
Tgt Ion:240 Resp: 1101691
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 26.1 21.2 31.8



#78
Pyrene
Concen: 33.011 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:202 Resp: 2587068
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.4 15.0 22.6

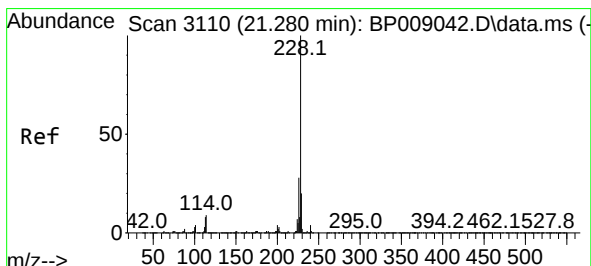
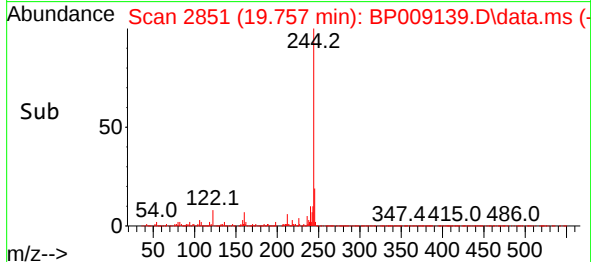
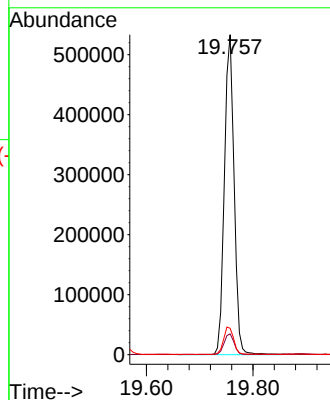
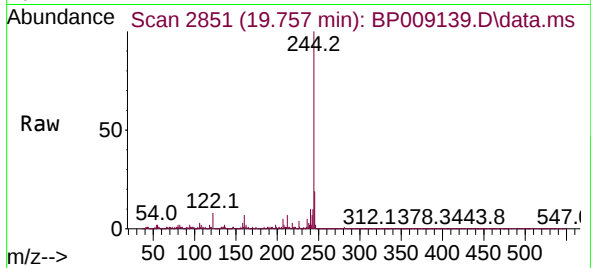




#79
 Terphenyl-d14
 Concen: 10.964 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009139.D
 Acq: 14 Feb 2022 17:47

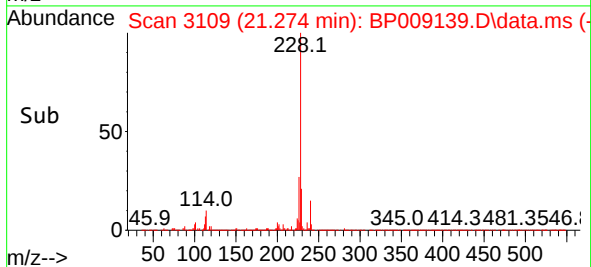
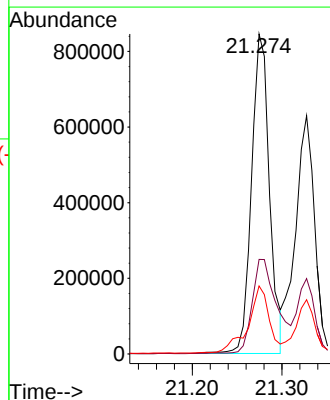
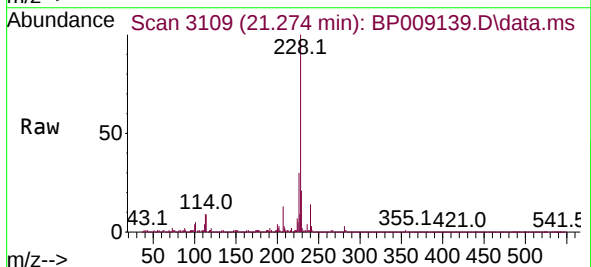
Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207DL

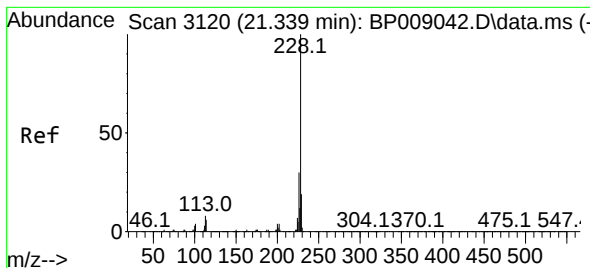
Tgt Ion:244 Resp: 671683
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.5 9.7
 122 8.3 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 16.529 ng
 RT: 21.274 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP009139.D
 Acq: 14 Feb 2022 17:47

Tgt Ion:228 Resp: 1173495
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.3 34.9
 229 21.2 17.0 25.6





#83

Chrysene

Concen: 13.756 ng

RT: 21.327 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

Instrument :

BNA_P

ClientSampleId :

POST-EX-01-0207DL

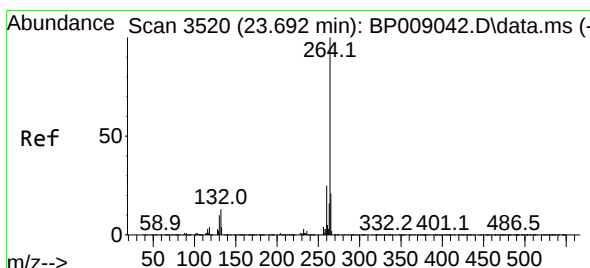
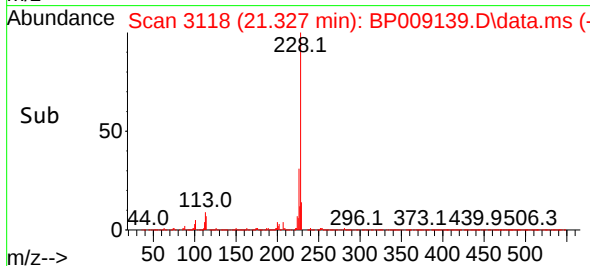
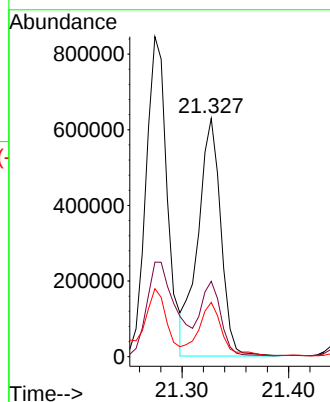
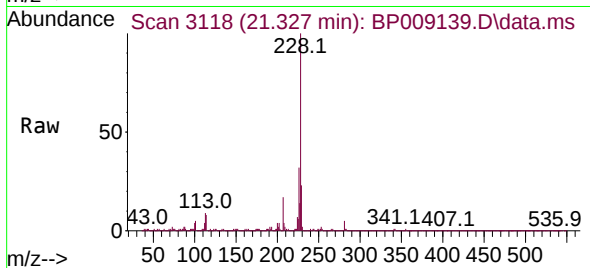
Tgt Ion:228 Resp: 941475

Ion Ratio Lower Upper

228 100

226 31.6 26.0 39.0

229 22.8 16.9 25.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

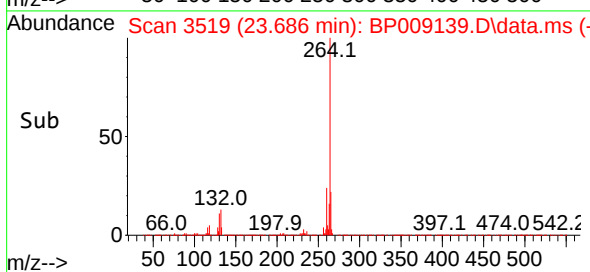
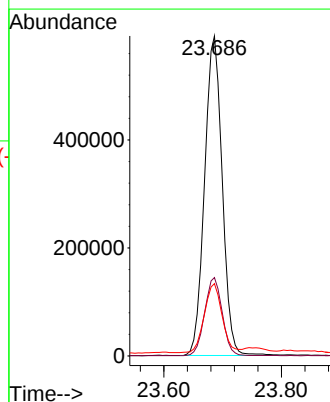
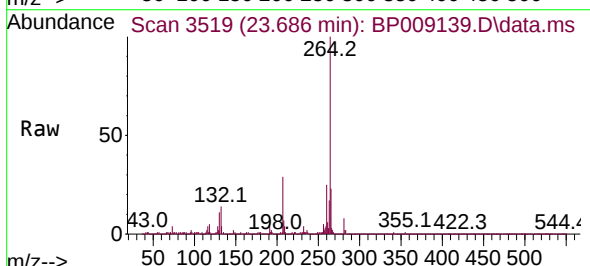
Tgt Ion:264 Resp: 1228865

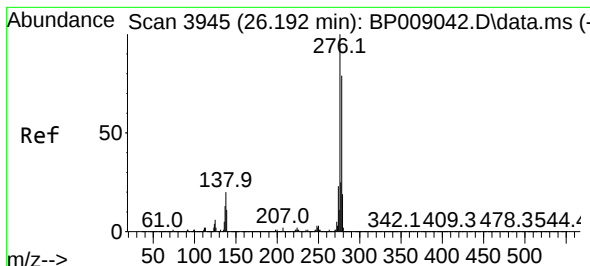
Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.012 ng

RT: 26.180 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

Instrument :

BNA_P

ClientSampleId :

POST-EX-01-0207DL

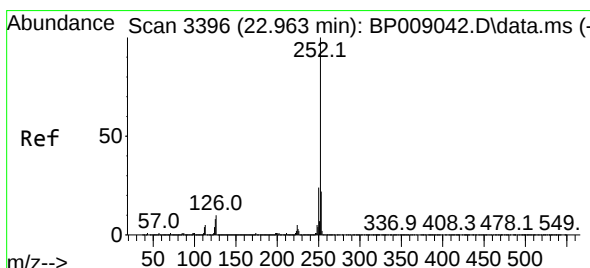
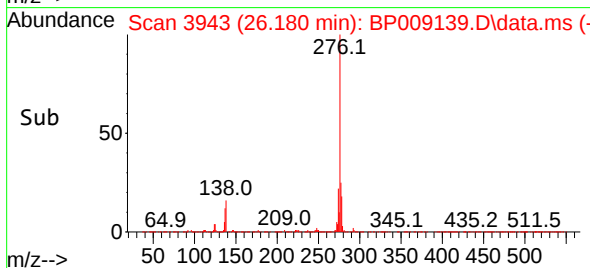
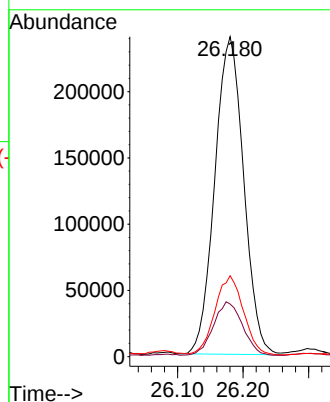
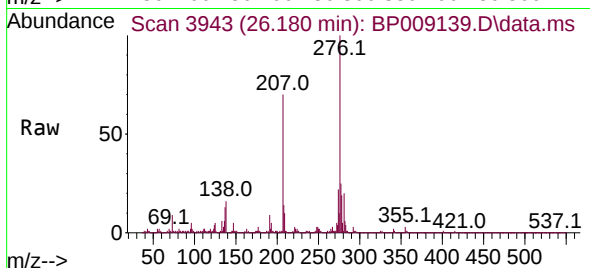
Tgt Ion:276 Resp: 731543

Ion Ratio Lower Upper

276 100

138 17.1 17.8 26.6#

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 17.642 ng

RT: 22.957 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BP009139.D

Acq: 14 Feb 2022 17:47

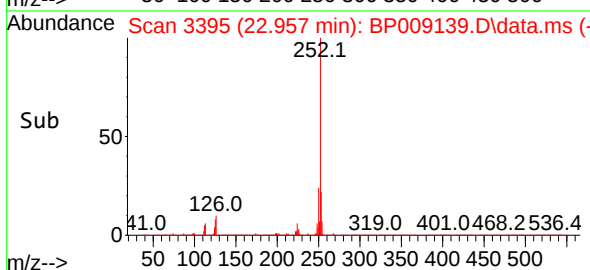
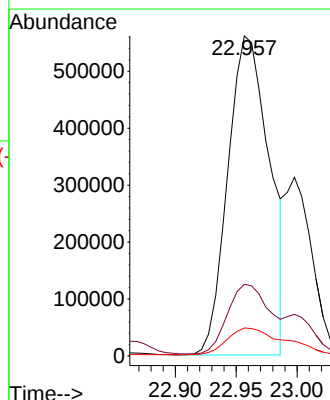
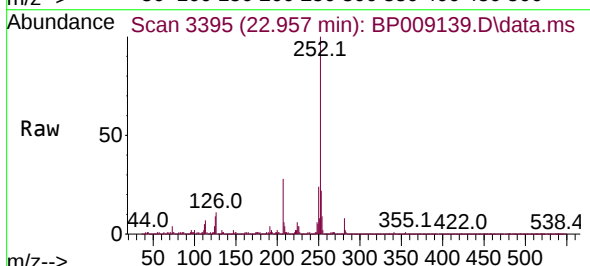
Tgt Ion:252 Resp: 1334604

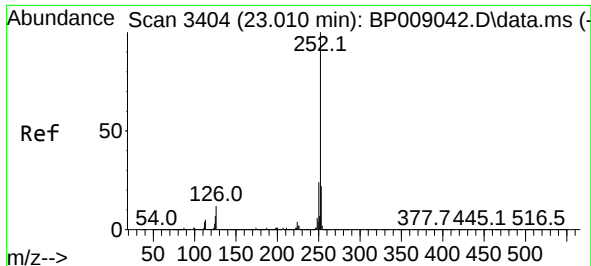
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 8.8 6.9 10.3

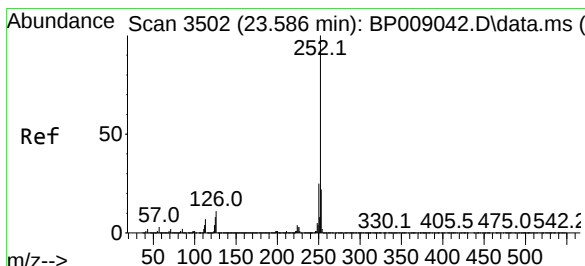
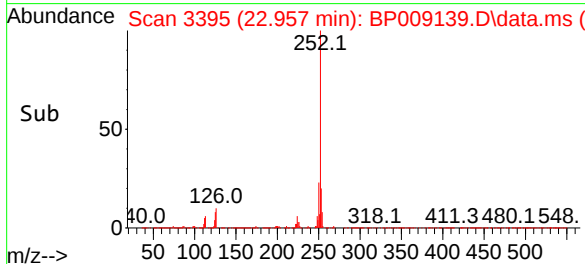
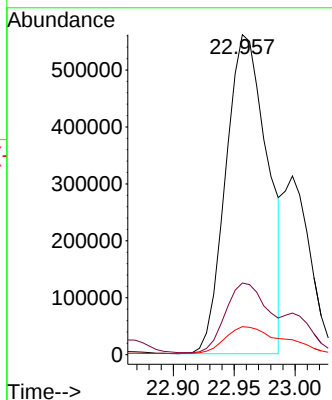
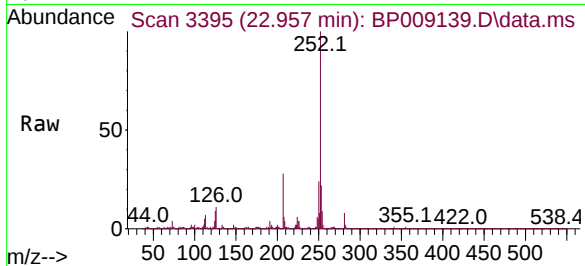




#89
Benzo(k)fluoranthene
Concen: 17.683 ng
RT: 22.957 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

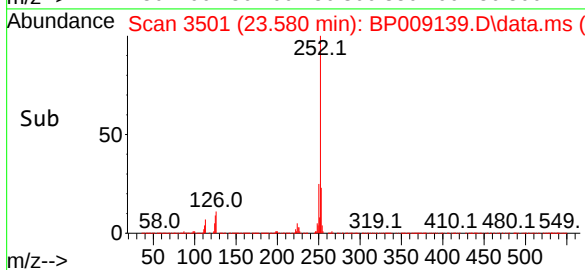
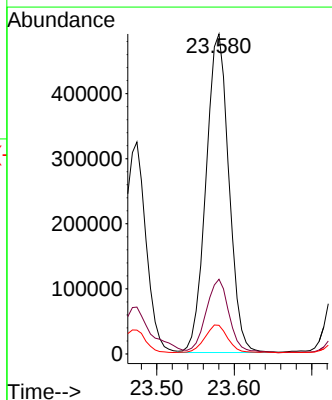
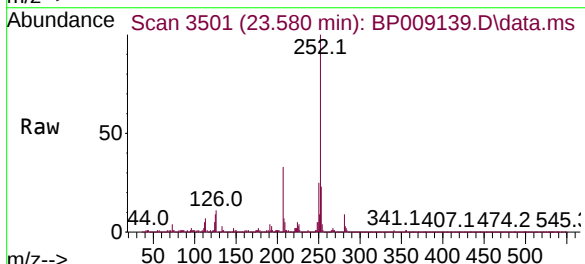
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207DL

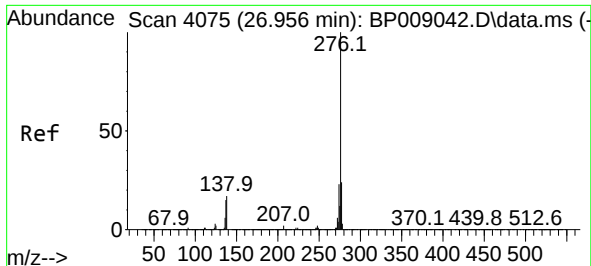
Tgt Ion:252 Resp: 1334604
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 15.984 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009139.D
Acq: 14 Feb 2022 17:47

Tgt Ion:252 Resp: 1008138
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 8.9 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 8.930 ng
 RT: 26.951 min Scan# 4074
 Delta R.T. -0.006 min
 Lab File: BP009139.D
 Acq: 14 Feb 2022 17:47

Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207DL

Tgt Ion:276 Resp: 667190
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.2 28.8
 138 18.2 15.0 22.4

