

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020534.D
 Acq On : 06 Jun 2024 03:10
 Operator : MA/JU
 Sample : P2712-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-060424

Quant Time: Jun 06 03:46:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

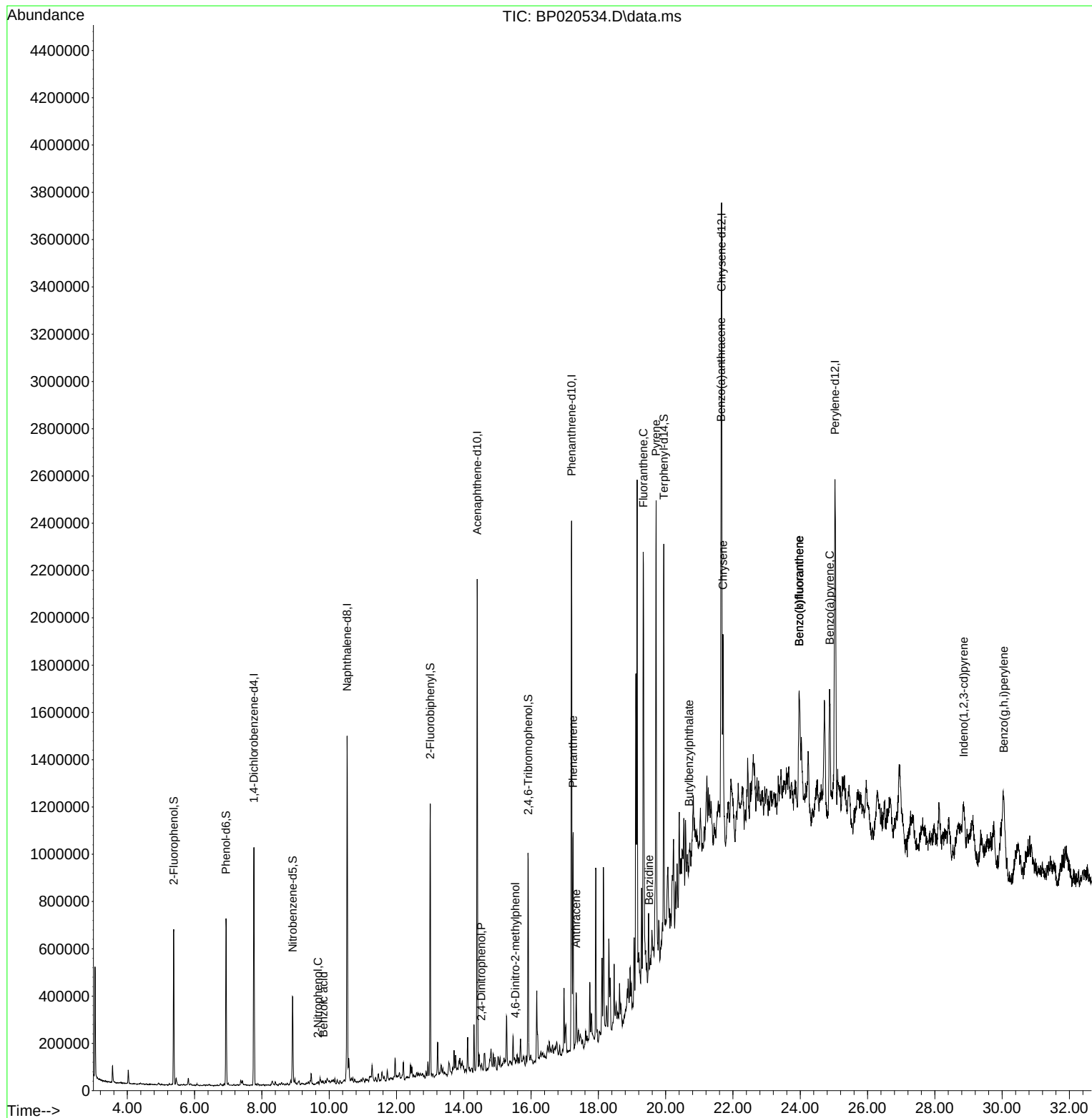
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	279008	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1091159	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	713700	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1496977	20.000	ng	0.00
76) Chrysene-d12	21.662	240	1314333	20.000	ng	0.00
86) Perylene-d12	25.033	264	1549763	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	287065	18.422	ng	0.00
7) Phenol-d6	6.934	99	373032	16.974	ng	0.00
23) Nitrobenzene-d5	8.916	82	227738	11.425	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	158862	21.448	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	561541	11.729	ng	0.00
79) Terphenyl-d14	19.945	244	854503	10.823	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.663	139	229	3.818	ng	# 1
32) Benzoic acid	9.828	122	145	6.859	ng	# 1
54) 2,4-Dinitrophenol	14.522	184	36	4.983	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.533	198	143	7.671	ng	# 1
71) Phenanthrene	17.251	178	583129	7.924	ng	100
72) Anthracene	17.339	178	175784	2.434	ng	98
75) Fluoranthene	19.333	202	1025447	11.779	ng	99
77) Benzidine	19.504	184	998	5.989	ng	# 1
78) Pyrene	19.716	202	1184353	11.980	ng	100
80) Butylbenzylphthalate	20.698	149	2004	2.479	ng	# 1
81) Benzo(a)anthracene	21.645	228	620037	7.165	ng	92
83) Chrysene	21.704	228	597137	7.323	ng	97
87) Indeno(1,2,3-cd)pyrene	28.856	276	406435	4.313	ng	# 94
88) Benzo(b)fluoranthene	23.968	252	727404	7.534	ng	# 91
89) Benzo(k)fluoranthene	23.968	252	727404	7.725	ng	# 91
90) Benzo(a)pyrene	24.874	252	582800	7.289	ng	95
92) Benzo(g,h,i)perylene	30.050	276	409195	5.208	ng	96

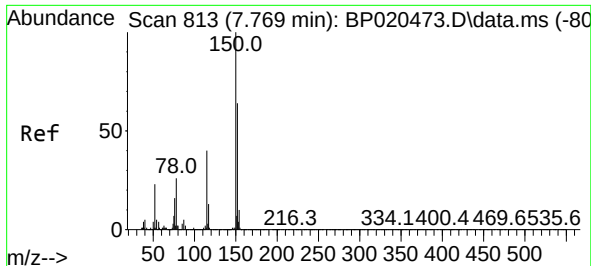
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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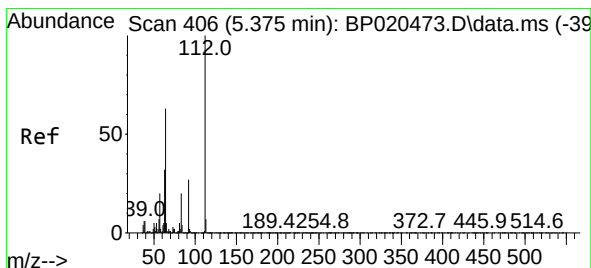
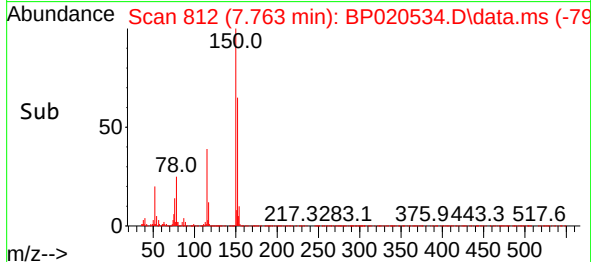
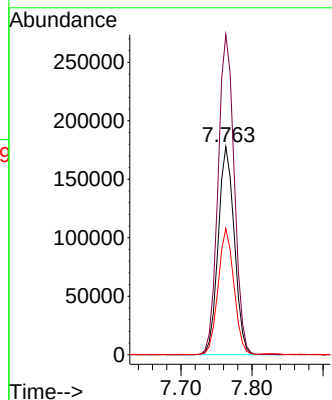
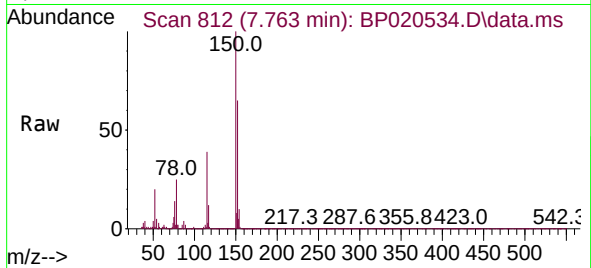




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

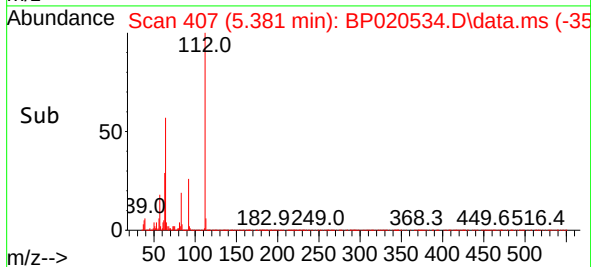
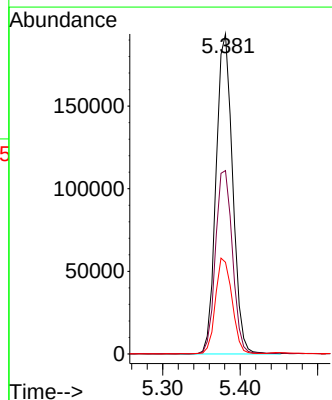
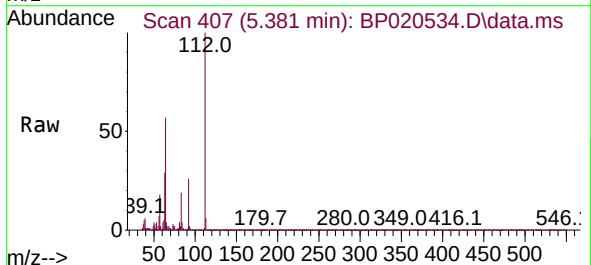
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

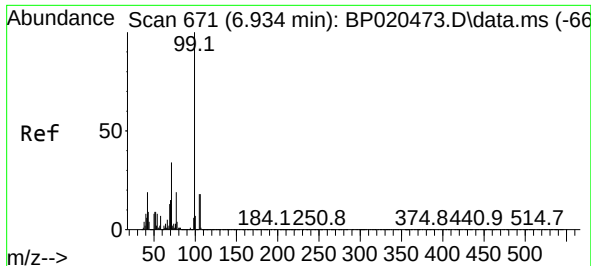
Tgt Ion:152 Resp: 279008
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 60.7 49.5 74.3



#5
2-Fluorophenol
Concen: 18.422 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:112 Resp: 287065
Ion Ratio Lower Upper
112 100
64 57.3 50.1 75.1
63 28.6 25.7 38.5

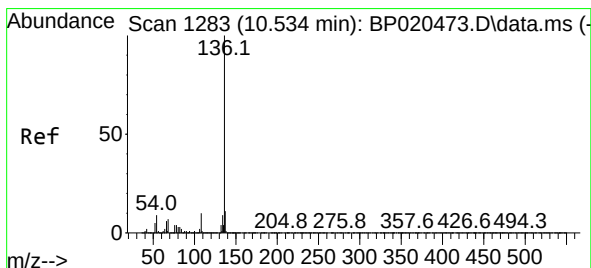
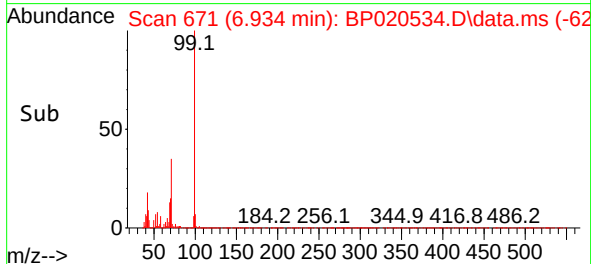
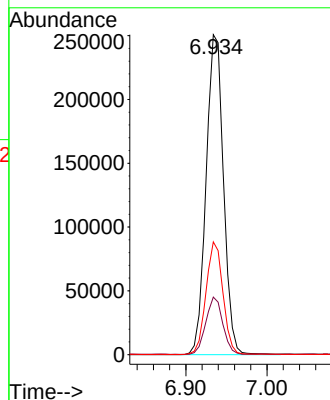
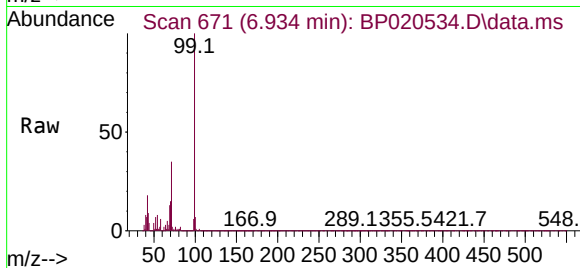




#7
Phenol-d6
Concen: 16.974 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

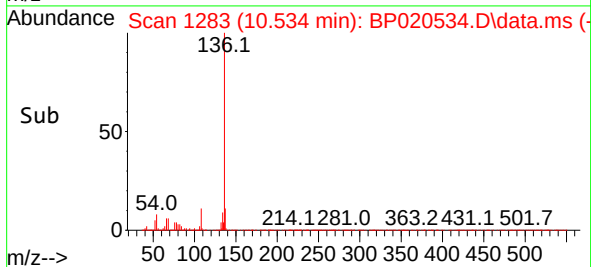
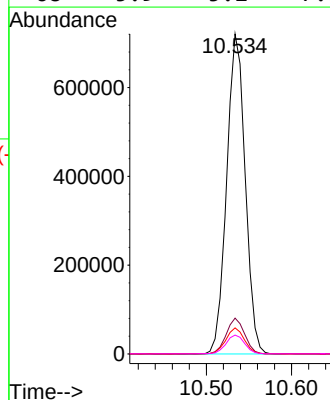
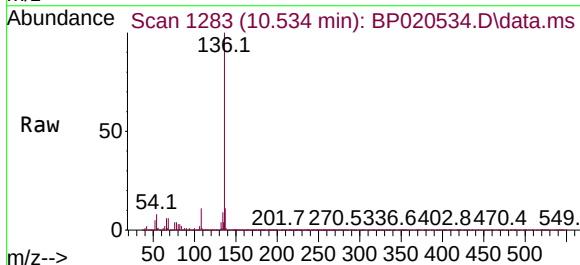
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

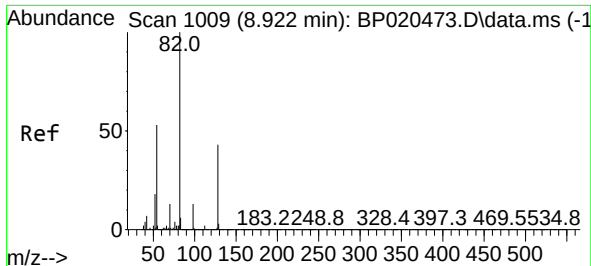
Tgt Ion: 99 Resp: 373032
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 35.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion: 136 Resp: 1091159
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 7.4 11.0
68 5.9 5.2 7.8

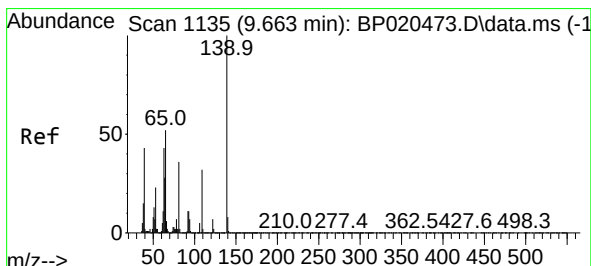
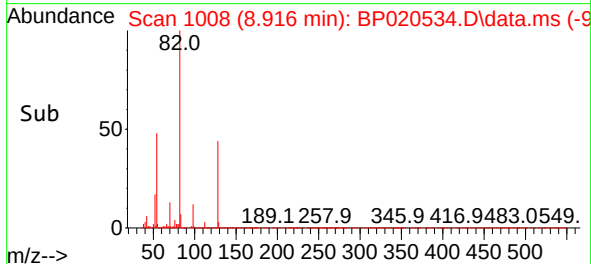
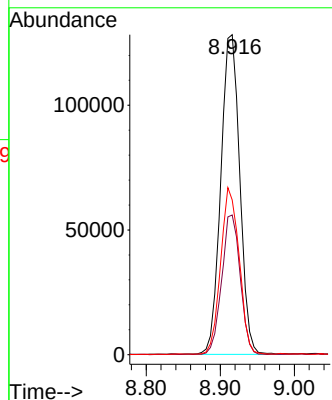
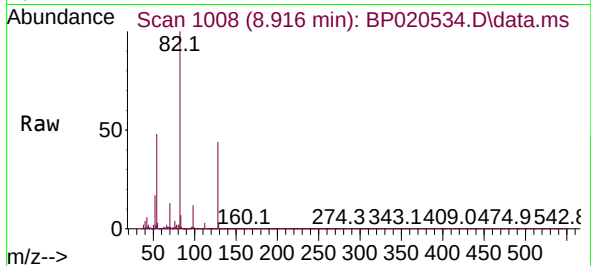




#23
Nitrobenzene-d5
Concen: 11.425 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

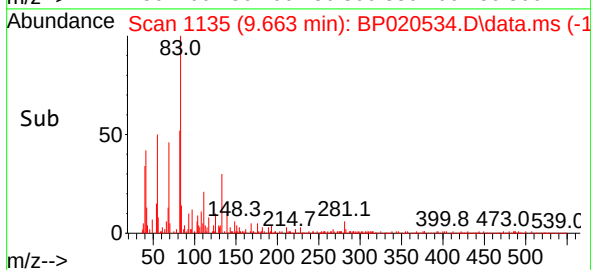
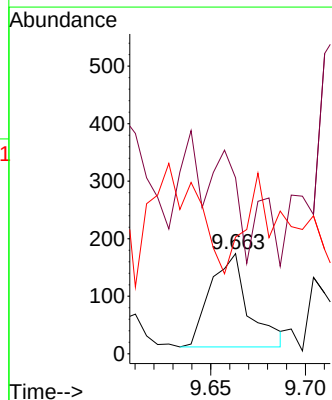
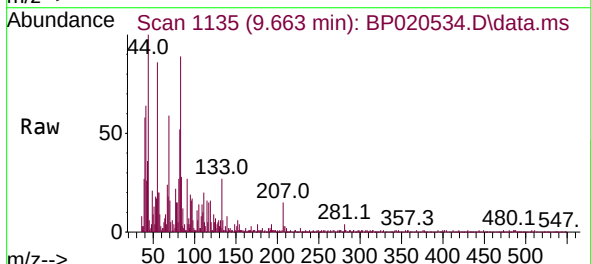
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

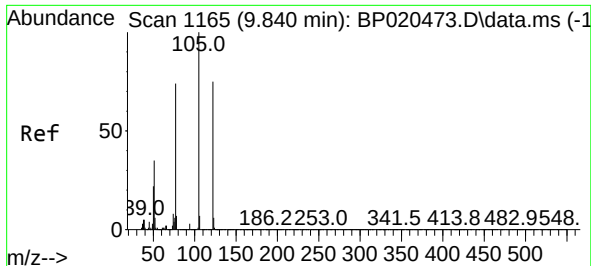
Tgt Ion: 82 Resp: 227738
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 48.4 42.7 64.1



#26
2-Nitrophenol
Concen: 3.818 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:139 Resp: 229
Ion Ratio Lower Upper
139 100
109 175.9 25.8 38.8#
65 116.7 41.8 62.8#

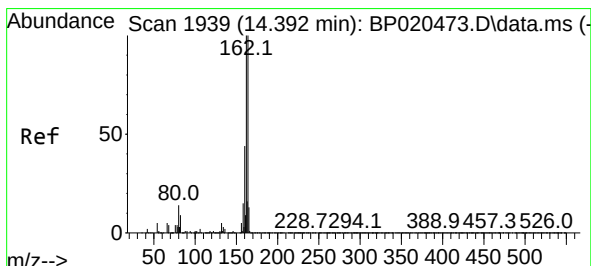
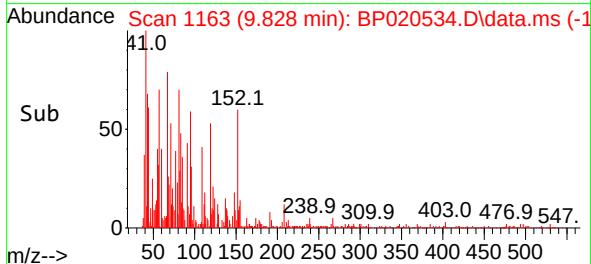
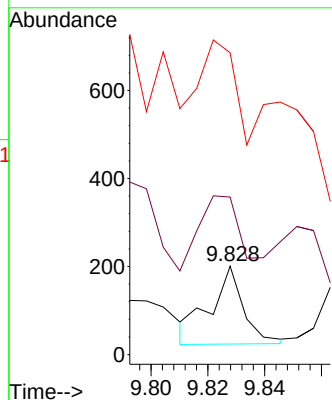
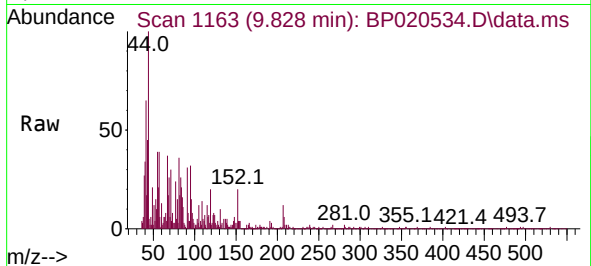




#32
Benzoic acid
Concen: 6.859 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

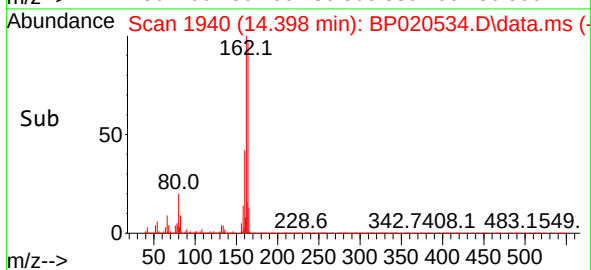
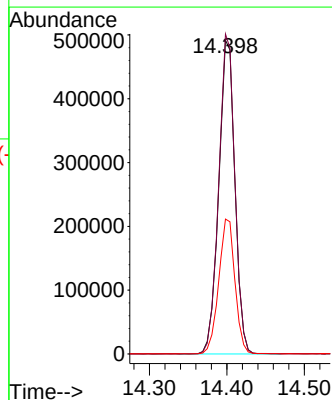
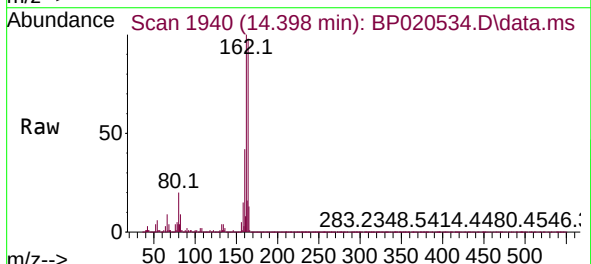
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

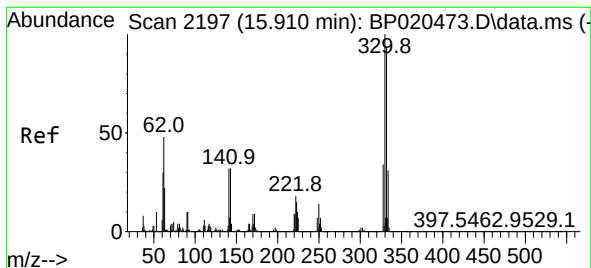
Tgt Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
105 178.1 107.5 147.5#
77 341.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:164 Resp: 713700
Ion Ratio Lower Upper
164 100
162 102.0 80.3 120.5
160 43.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 21.448 ng

RT: 15.916 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

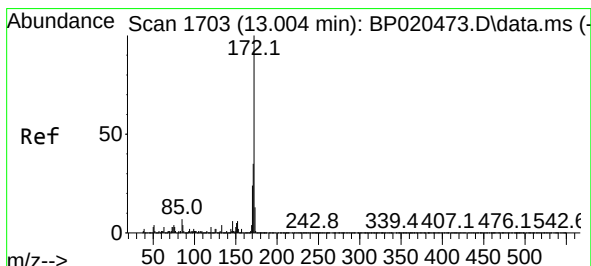
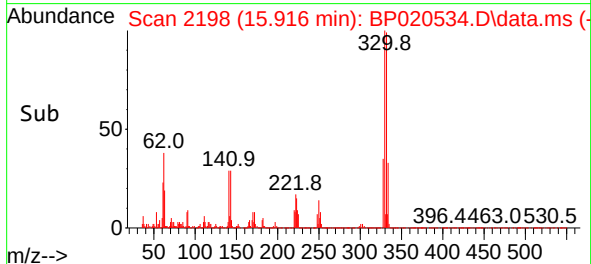
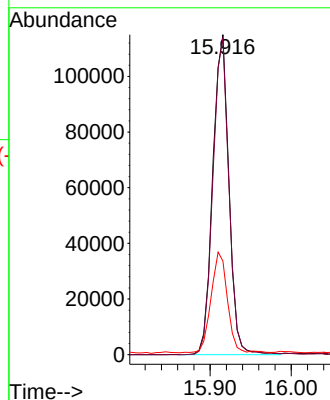
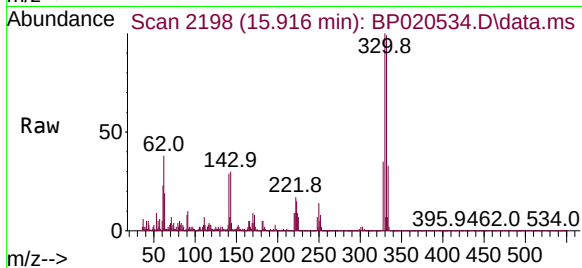
Tgt Ion:330 Resp: 158862

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

141 31.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 11.729 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

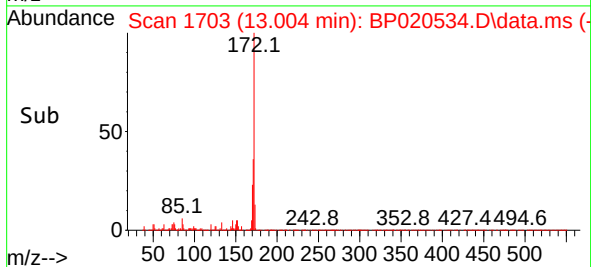
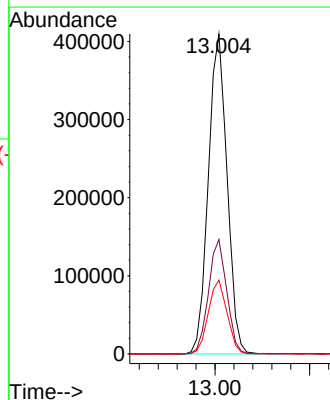
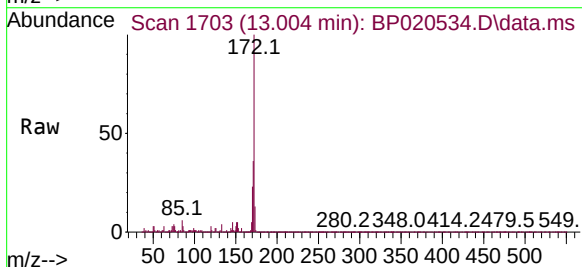
Tgt Ion:172 Resp: 561541

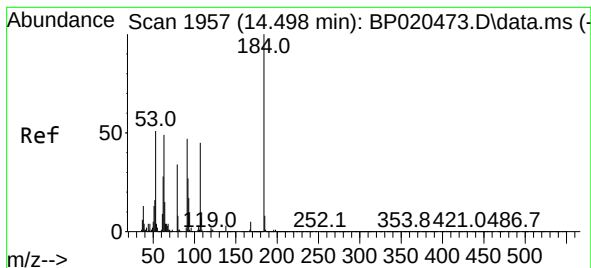
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.1 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.983 ng

RT: 14.522 min Scan# 1957

Delta R.T. 0.024 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

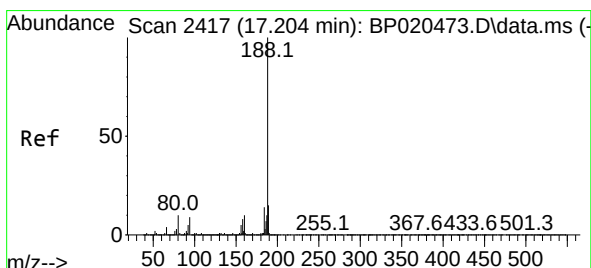
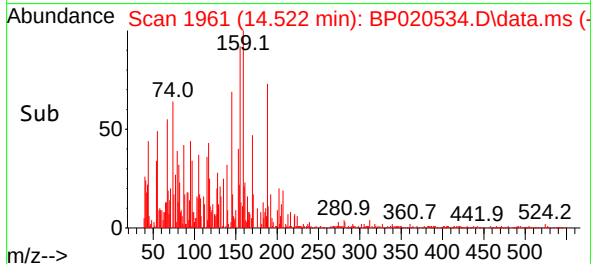
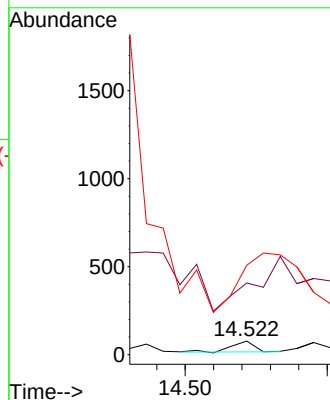
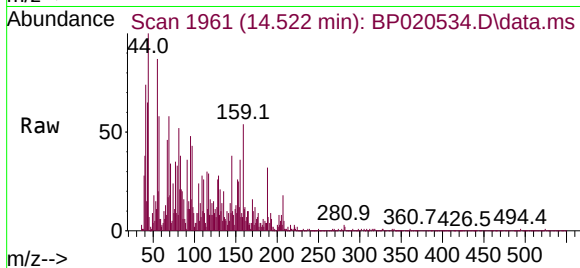
Tgt Ion:184 Resp: 36

Ion Ratio Lower Upper

184 100

63 528.6 54.2 81.4#

154 659.7 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

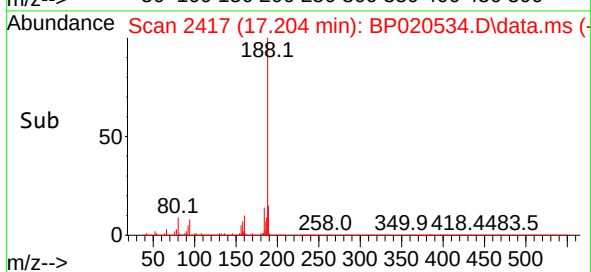
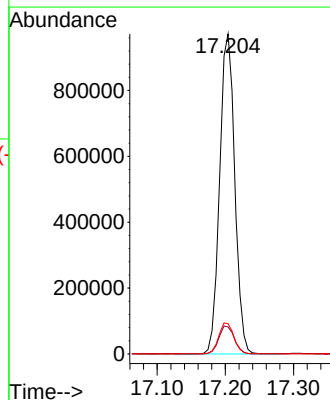
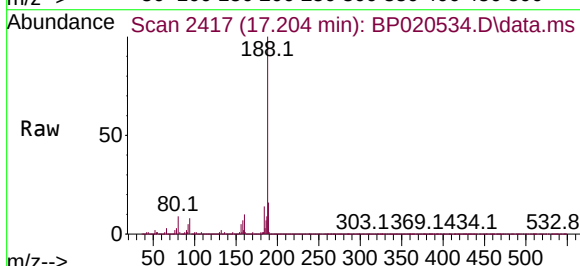
Tgt Ion:188 Resp: 1496977

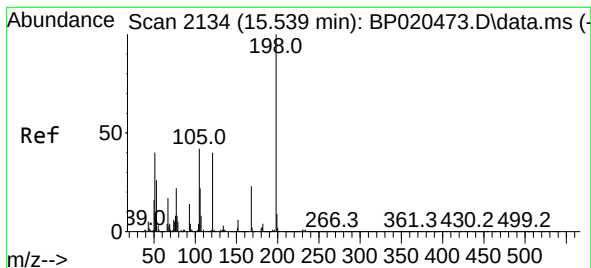
Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.5 8.1 12.1

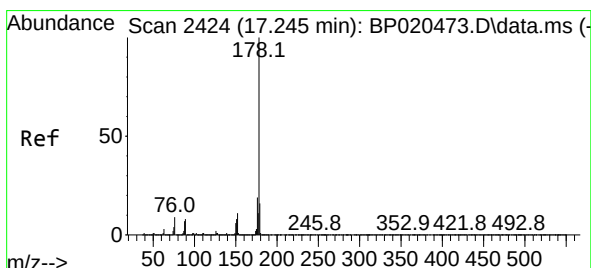
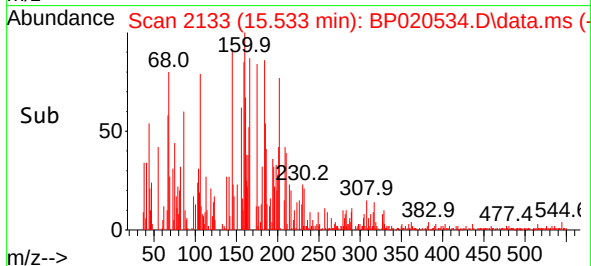
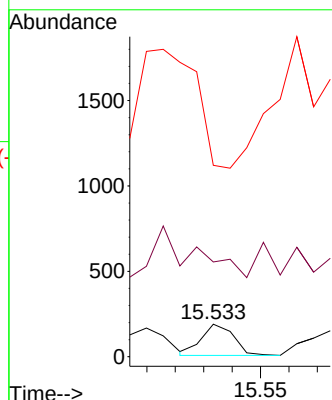
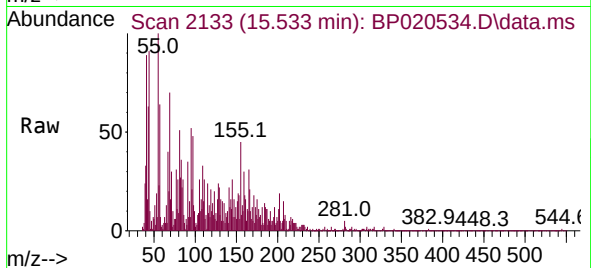




#65
4,6-Dinitro-2-methylphenol
Concen: 7.671 ng
RT: 15.533 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

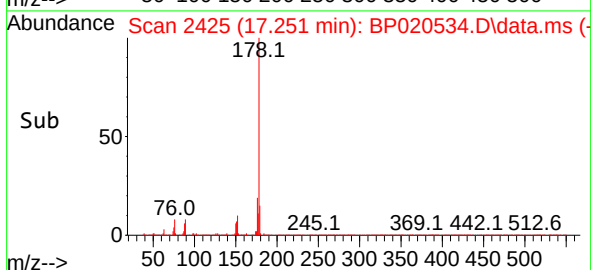
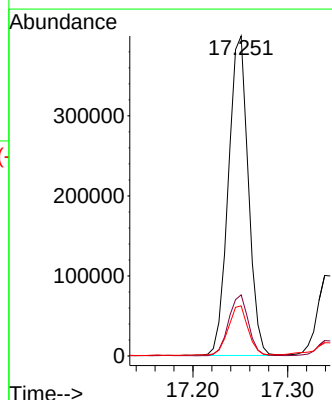
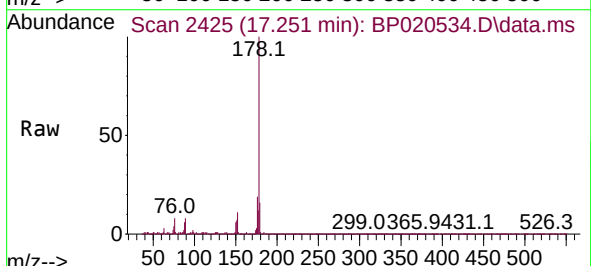
Instrument :
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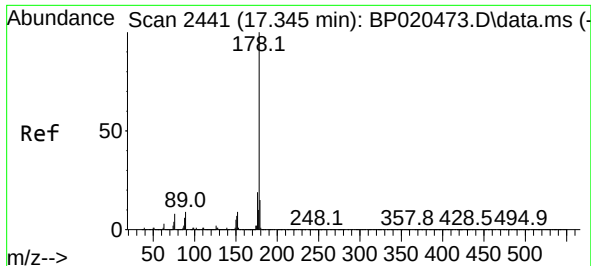
Tgt Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
51 292.1 24.8 64.8#
105 590.0 23.2 63.2#



#71
Phenanthrene
Concen: 7.924 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:178 Resp: 583129
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.5 18.7

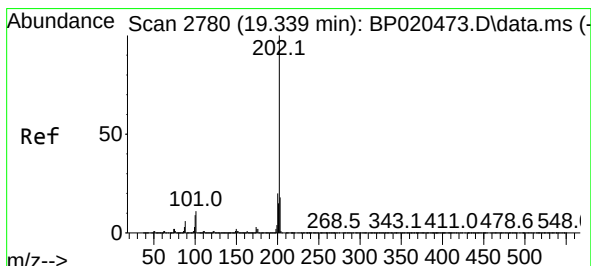
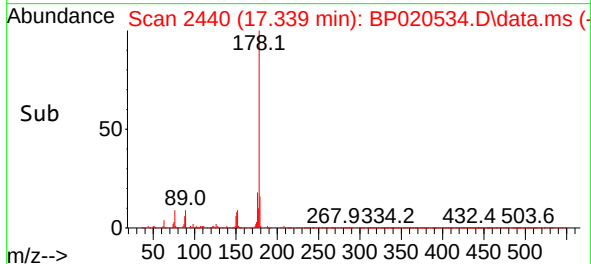
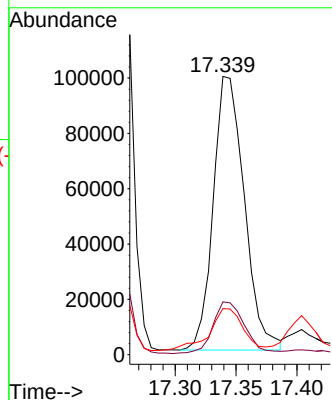
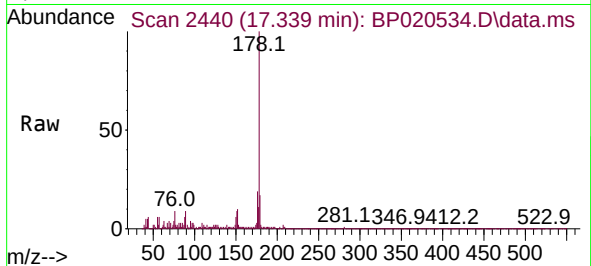




#72
Anthracene
Concen: 2.434 ng
RT: 17.339 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

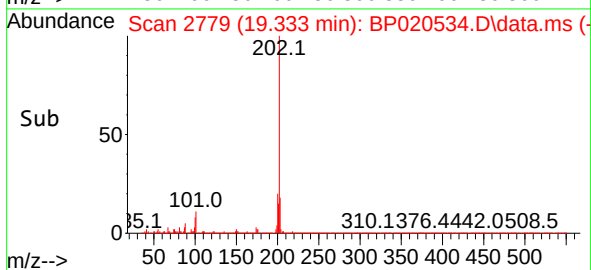
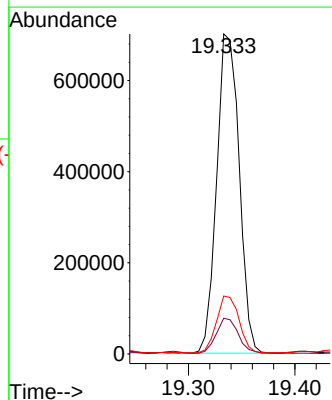
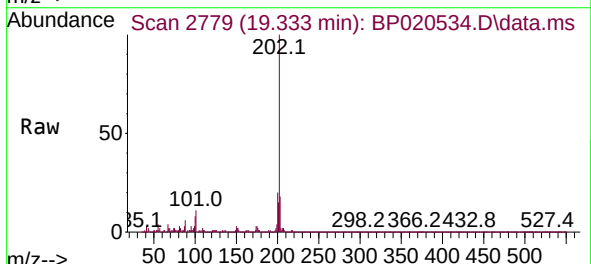
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

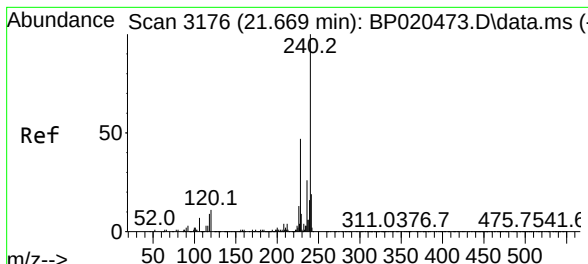
Tgt Ion:178 Resp: 175784
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 16.6 12.2 18.4



#75
Fluoranthene
Concen: 11.779 ng
RT: 19.333 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:202 Resp: 1025447
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 18.1 0.0 37.7

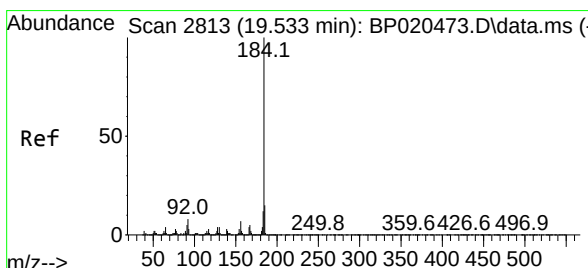
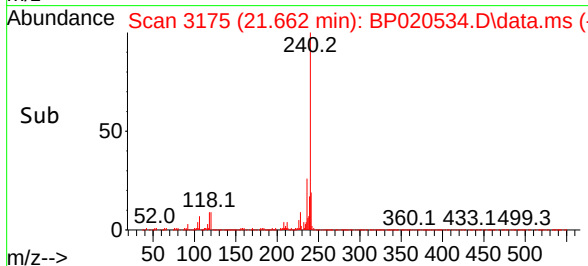
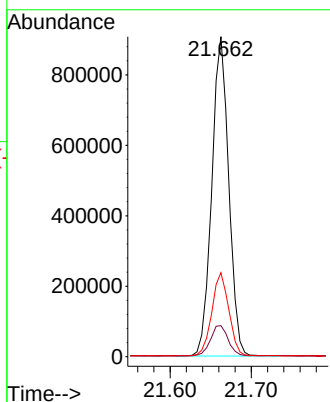
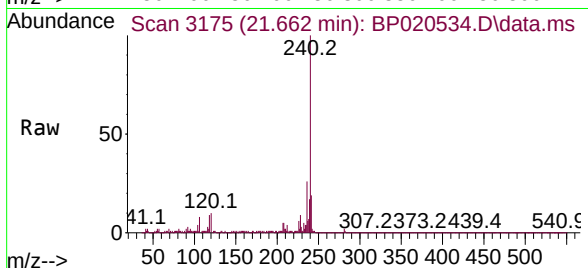




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.662 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

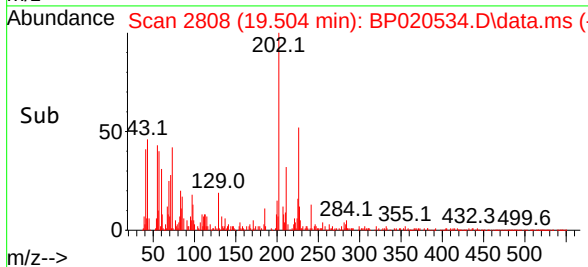
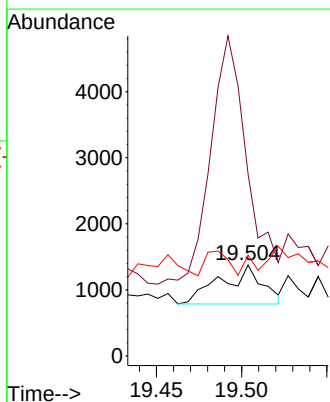
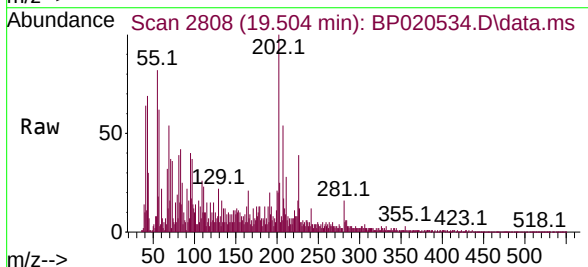
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

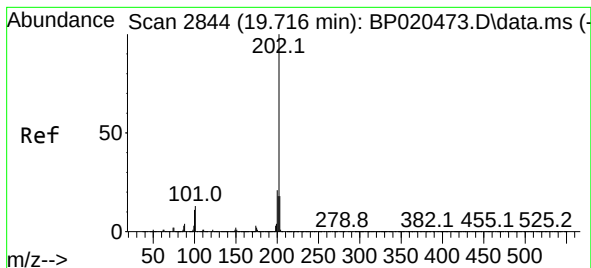
Tgt Ion:240 Resp: 1314333
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 26.3 20.5 30.7



#77
Benzidine
Concen: 5.989 ng
RT: 19.504 min Scan# 2808
Delta R.T. -0.029 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:184 Resp: 998
Ion Ratio Lower Upper
184 100
185 199.5 12.0 18.0#
183 110.7 9.4 14.0#





#78

Pyrene

Concen: 11.980 ng

RT: 19.716 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

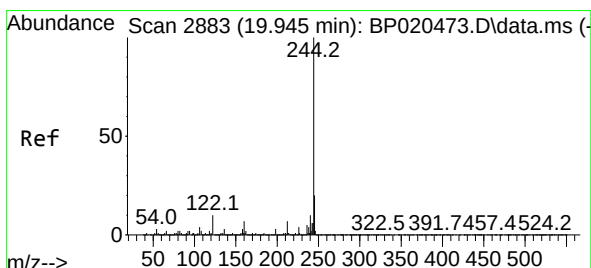
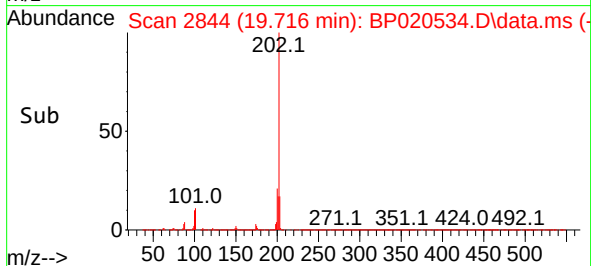
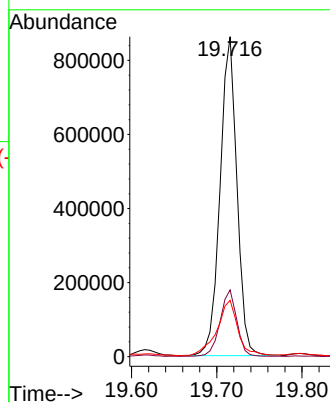
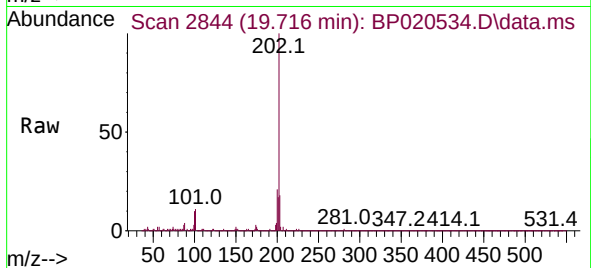
Tgt Ion:202 Resp: 1184353

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.6 14.1 21.1



#79

Terphenyl-d14

Concen: 10.823 ng

RT: 19.945 min Scan# 2883

Delta R.T. -0.000 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

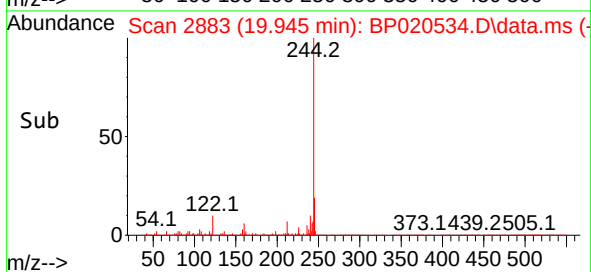
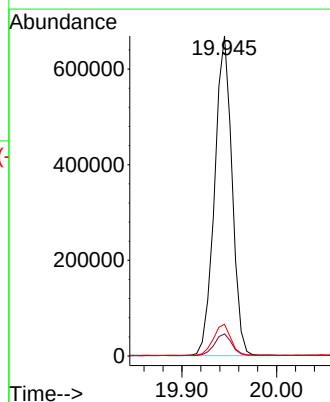
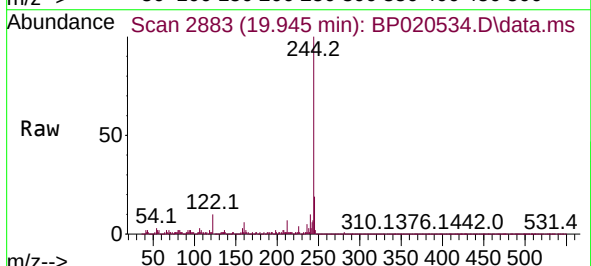
Tgt Ion:244 Resp: 854503

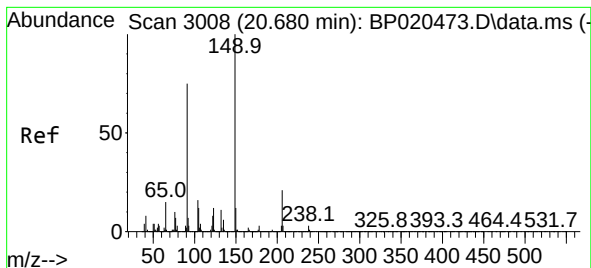
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.9 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.479 ng

RT: 20.698 min Scan# 3008

Delta R.T. 0.018 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

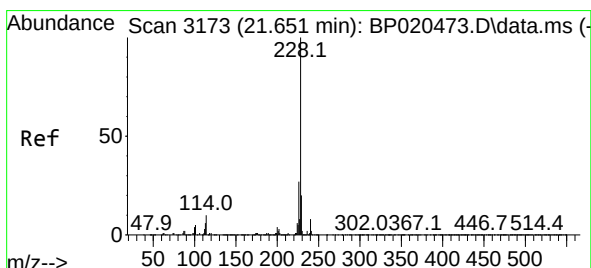
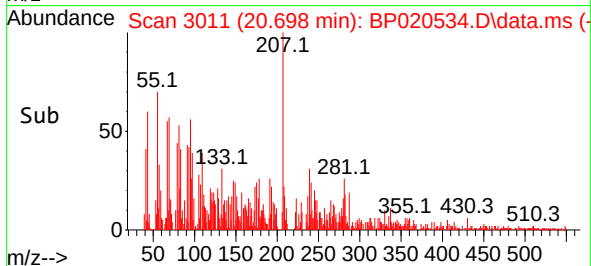
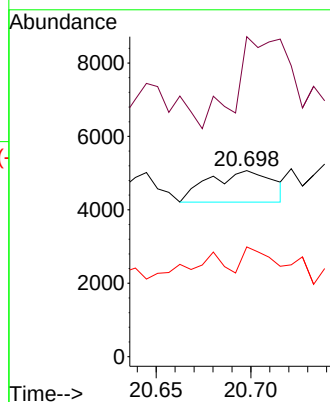
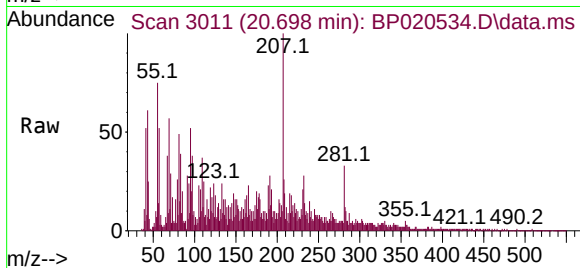
Tgt Ion:149 Resp: 2004

Ion Ratio Lower Upper

149 100

91 172.0 60.0 90.0#

206 59.0 16.6 25.0#



#81

Benzo(a)anthracene

Concen: 7.165 ng

RT: 21.645 min Scan# 3172

Delta R.T. -0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

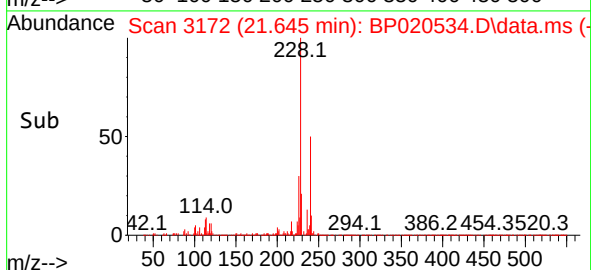
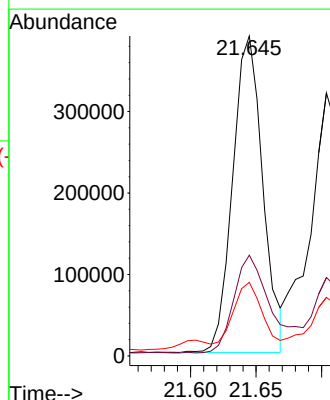
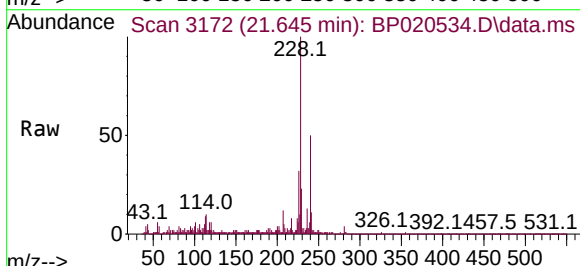
Tgt Ion:228 Resp: 620037

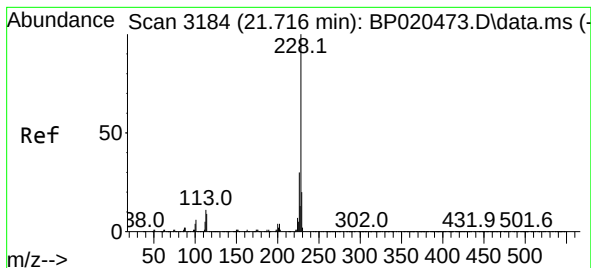
Ion Ratio Lower Upper

228 100

226 31.5 21.7 32.5

229 23.0 15.8 23.6





#83

Chrysene

Concen: 7.323 ng

RT: 21.704 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

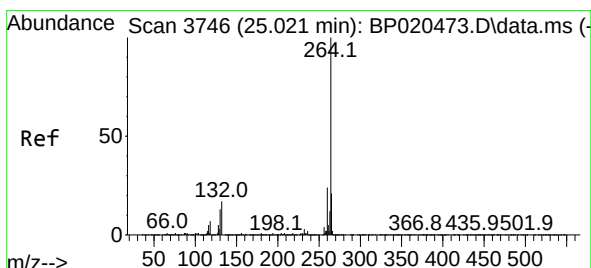
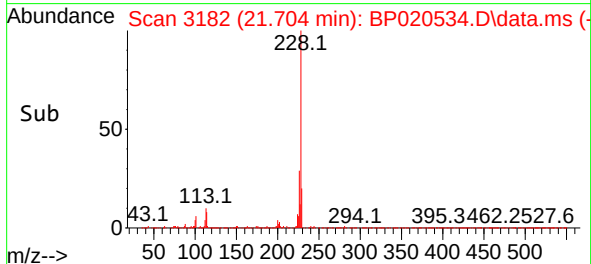
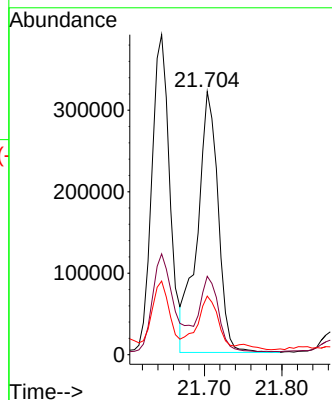
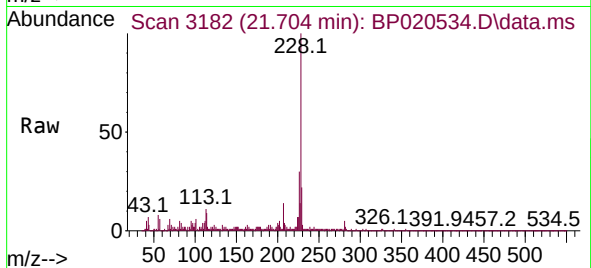
Tgt Ion:228 Resp: 597137

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 22.3 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 3748

Delta R.T. 0.012 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

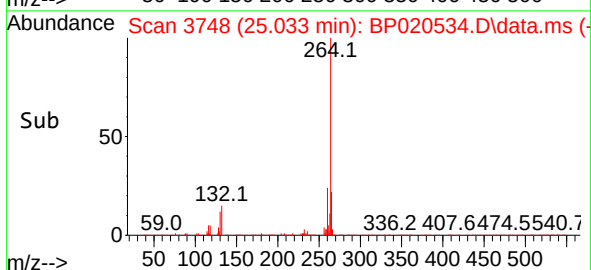
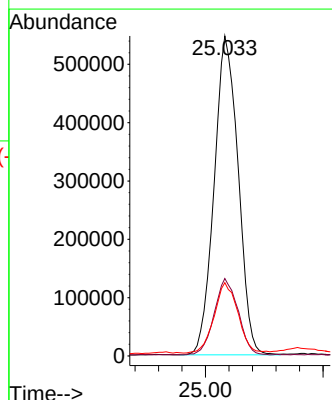
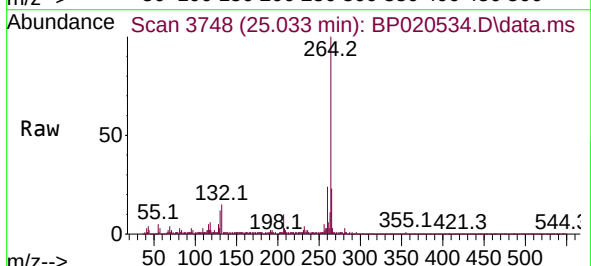
Tgt Ion:264 Resp: 1549763

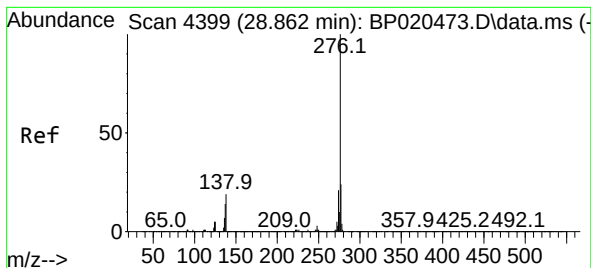
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.313 ng

RT: 28.856 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424

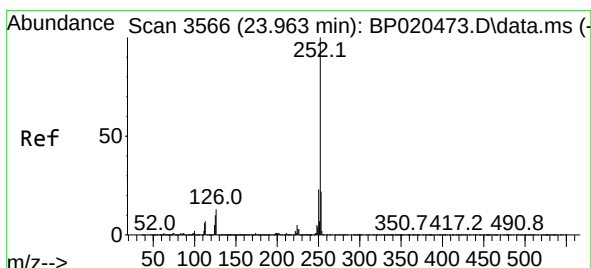
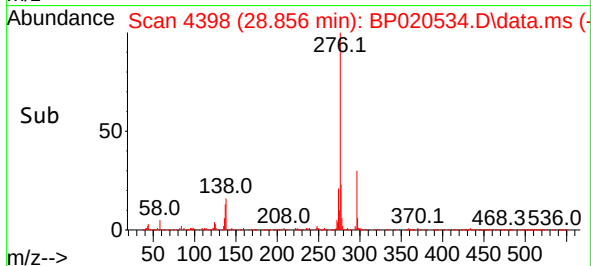
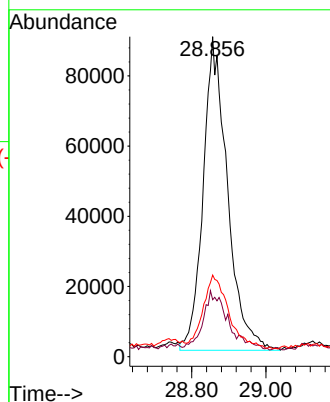
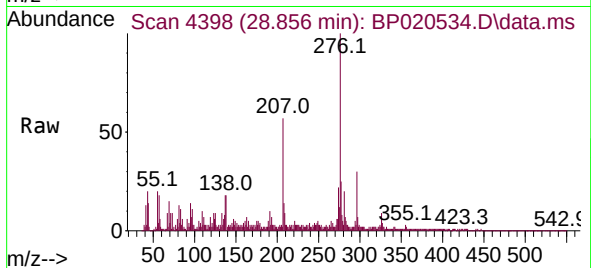
Tgt Ion:276 Resp: 406435

Ion Ratio Lower Upper

276 100

138 15.8 12.8 19.2

277 24.4 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 7.534 ng

RT: 23.968 min Scan# 3567

Delta R.T. 0.006 min

Lab File: BP020534.D

Acq: 06 Jun 2024 03:10

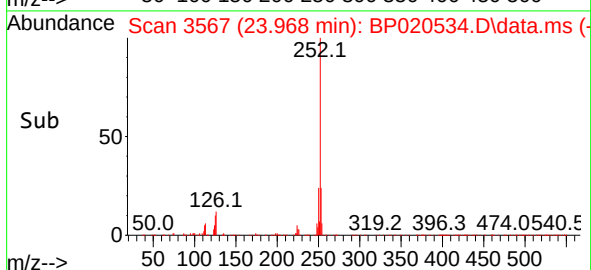
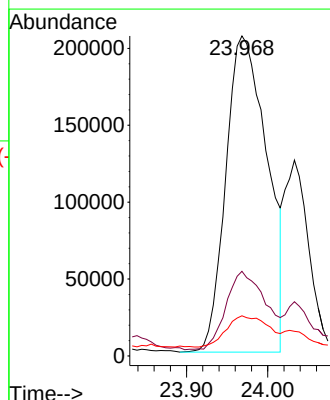
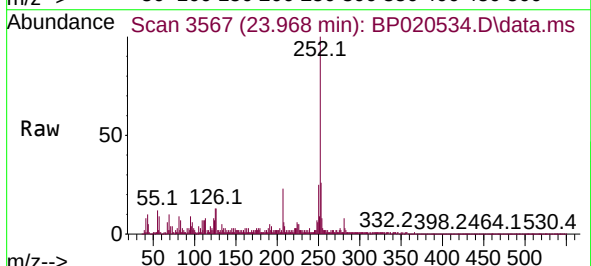
Tgt Ion:252 Resp: 727404

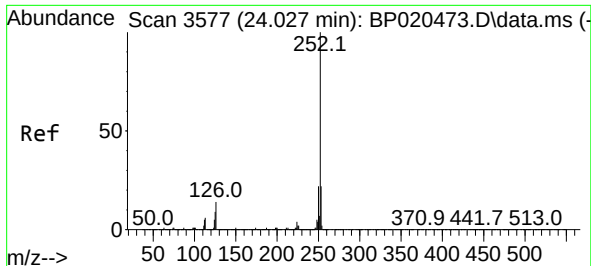
Ion Ratio Lower Upper

252 100

253 26.5 17.6 26.4#

125 12.6 8.0 12.0#

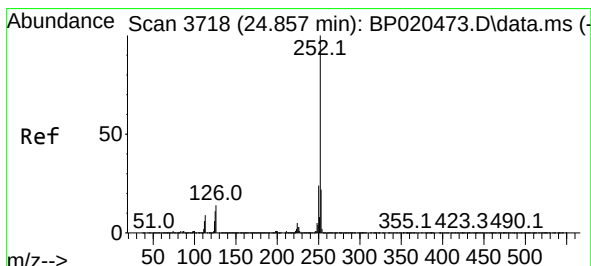
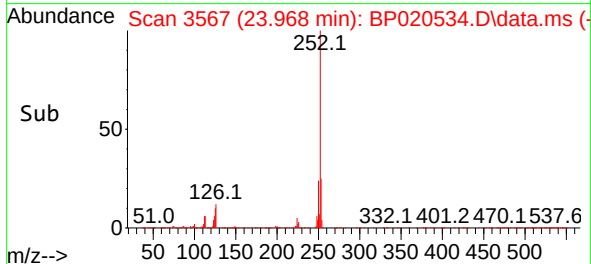
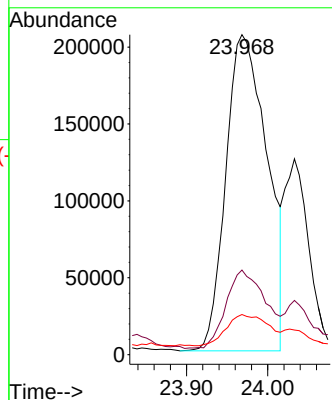
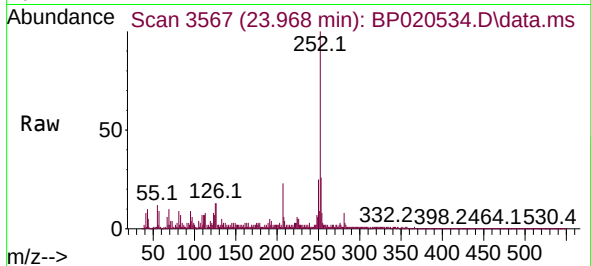




#89
Benzo(k)fluoranthene
Concen: 7.725 ng
RT: 23.968 min Scan# 31
Delta R.T. -0.059 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

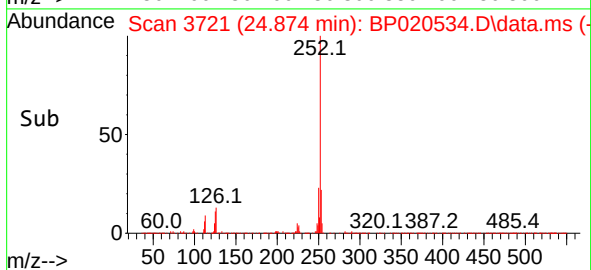
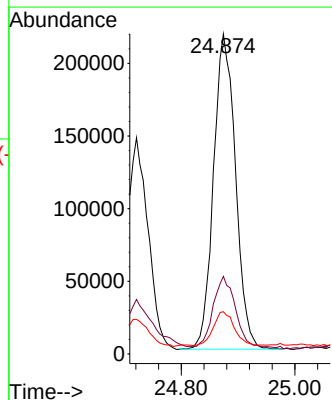
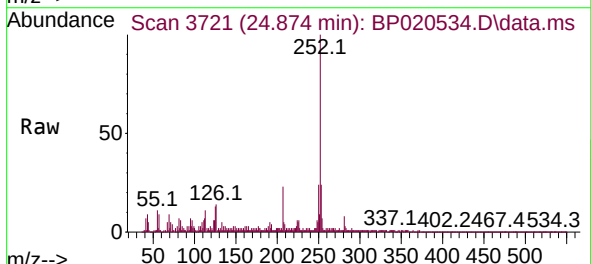
Instrument :
BNA_P
ClientSampleId :
EO-01-060424

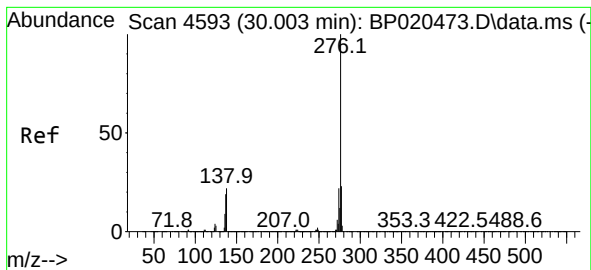
Tgt Ion:252 Resp: 727404
Ion Ratio Lower Upper
252 100
253 26.5 17.7 26.5
125 12.6 7.8 11.6#



#90
Benzo(a)pyrene
Concen: 7.289 ng
RT: 24.874 min Scan# 3721
Delta R.T. 0.017 min
Lab File: BP020534.D
Acq: 06 Jun 2024 03:10

Tgt Ion:252 Resp: 582800
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 13.2 8.9 13.3





#92

Benzo(g,h,i)perylene

Concen: 5.208 ng

RT: 30.050 min Scan# 40

Delta R.T. 0.047 min

Lab File: BP020534.D

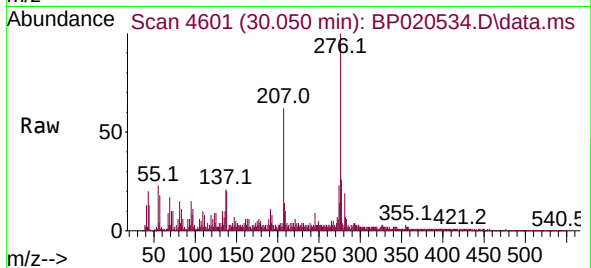
Acq: 06 Jun 2024 03:10

Instrument :

BNA_P

ClientSampleId :

EO-01-060424



Tgt Ion:276 Resp: 409195

Ion Ratio Lower Upper

276 100

277 25.6 18.7 28.1

138 20.3 17.7 26.5

