

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019474.D
 Acq On : 29 Jan 2024 19:53
 Operator : MA/JU
 Sample : 01244-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 69-TP-3

Quant Time: Jan 30 01:22:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

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

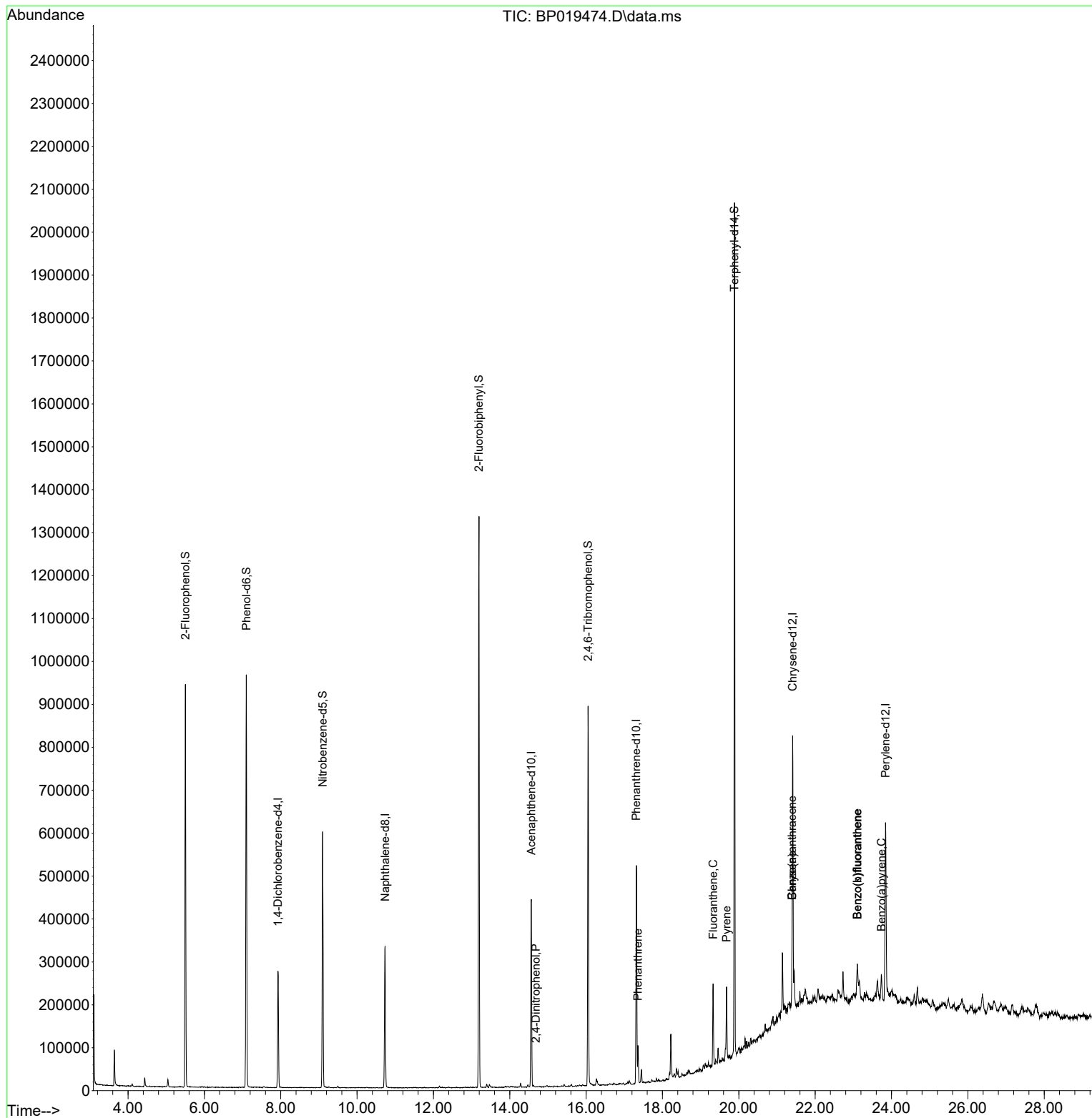
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	66751	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	250041	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	148215	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	303334	20.000	ng	0.00
76) Chrysene-d12	21.410	240	280710	20.000	ng	0.00
86) Perylene-d12	23.845	264	325678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	333433	79.484	ng	0.00
7) Phenol-d6	7.099	99	459818	75.083	ng	0.00
23) Nitrobenzene-d5	9.099	82	322787	53.119	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	140068	68.976	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	627755	54.534	ng	0.00
79) Terphenyl-d14	19.886	244	850721	43.178	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.105	77	1673	Below Cal	#	9
54) 2,4-Dinitrophenol	14.687	184	6	3.957	ng #	1
71) Phenanthrene	17.357	178	51685	3.200	ng	98
75) Fluoranthene	19.327	202	109645	5.608	ng	99
77) Benzidine	19.516	184	170	Below Cal	#	1
78) Pyrene	19.680	202	97376	4.157	ng	100
81) Benzo(a)anthracene	21.392	228	56410	2.788	ng	98
83) Chrysene	21.392	228	56410	2.989	ng	98
88) Benzo(b)fluoranthene	23.104	252	67821	3.114	ng #	97
89) Benzo(k)fluoranthene	23.104	252	67821	3.267	ng #	98
90) Benzo(a)pyrene	23.739	252	49654	2.670	ng #	95

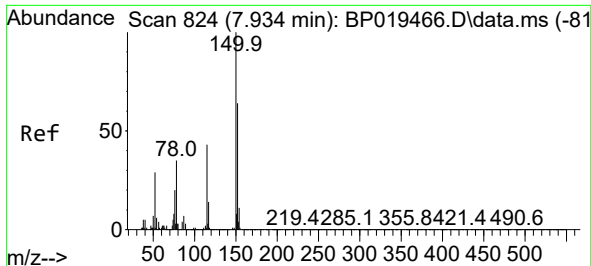
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
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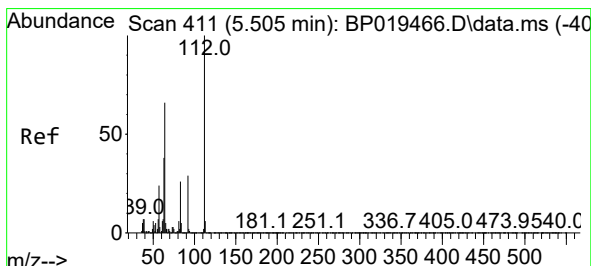
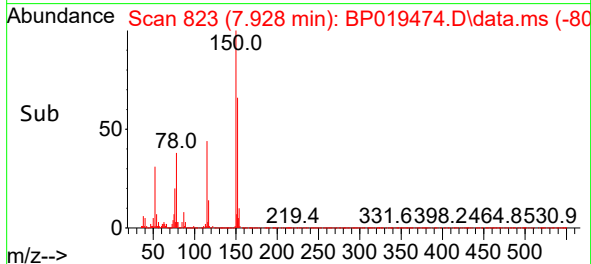
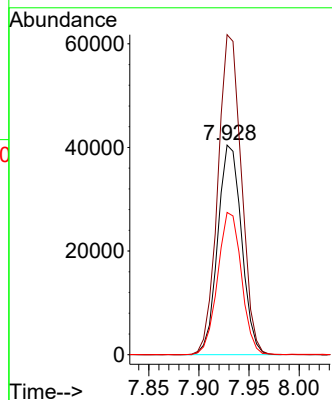
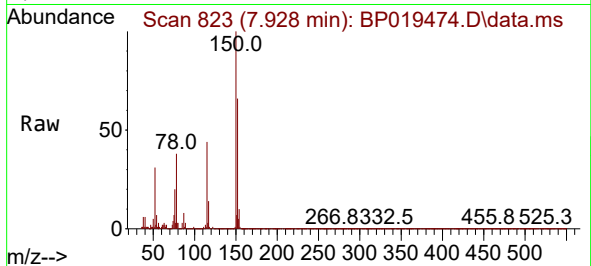




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

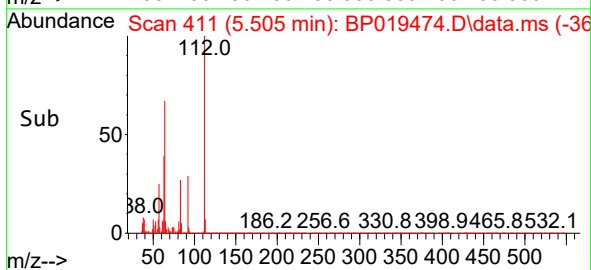
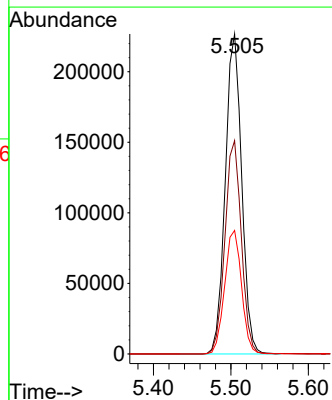
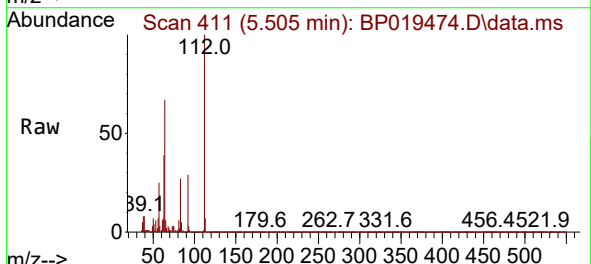
Instrument :
BNA_P
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69-TP-3

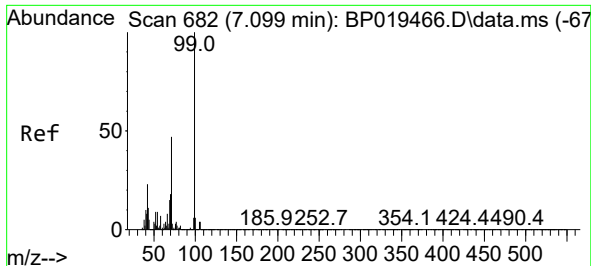
Tgt Ion:152 Resp: 66751
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 67.8 53.7 80.5



#5
2-Fluorophenol
Concen: 79.484 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:112 Resp: 333433
Ion Ratio Lower Upper
112 100
64 66.6 52.6 79.0
63 38.6 30.3 45.5

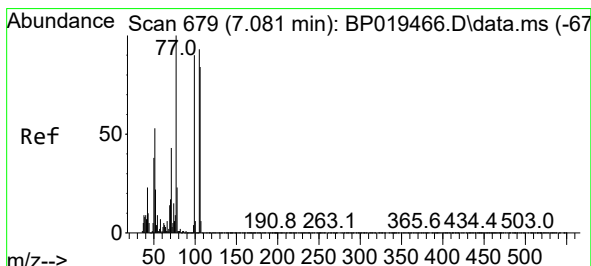
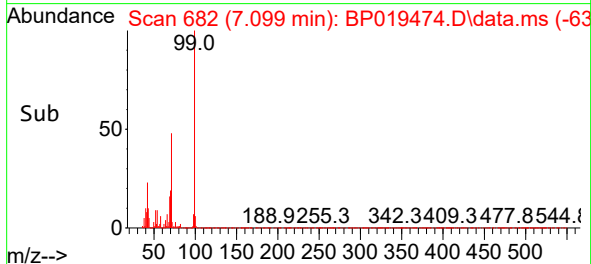
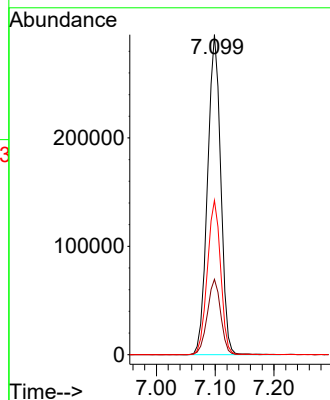
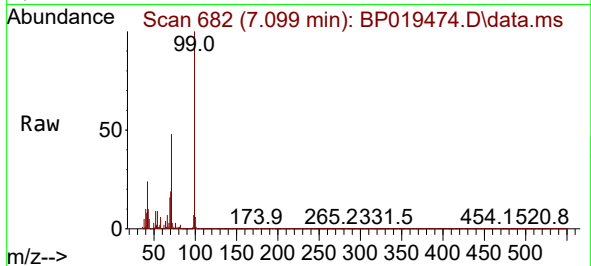




#7
Phenol-d6
Concen: 75.083 ng
RT: 7.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

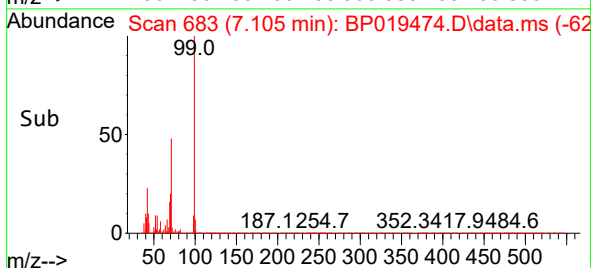
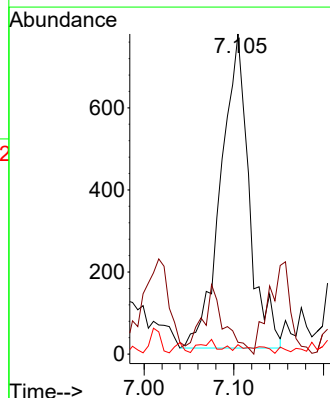
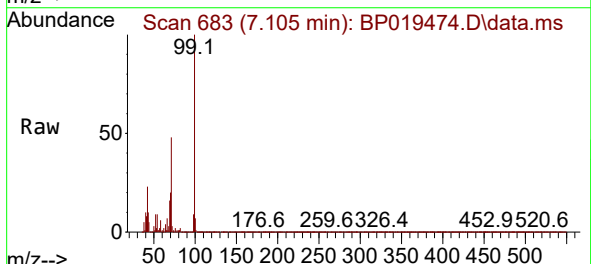
Instrument :
BNA_P
ClientSampleId :
69-TP-3

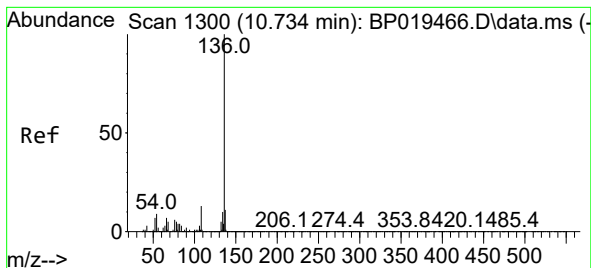
Tgt Ion: 99 Resp: 459818
Ion Ratio Lower Upper
99 100
42 23.5 18.6 28.0
71 48.2 37.8 56.6



#9
Benzaldehyde
Concen: Below Cal
RT: 7.105 min Scan# 683
Delta R.T. 0.024 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion: 77 Resp: 1673
Ion Ratio Lower Upper
77 100
105 4.7 72.9 112.9#
106 2.9 64.4 104.4#

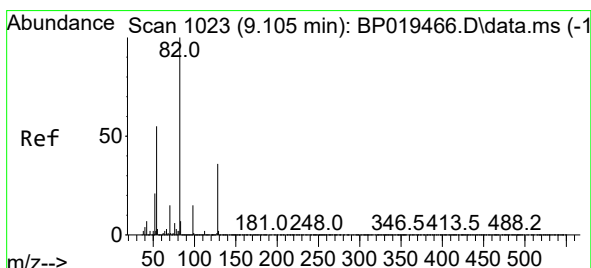
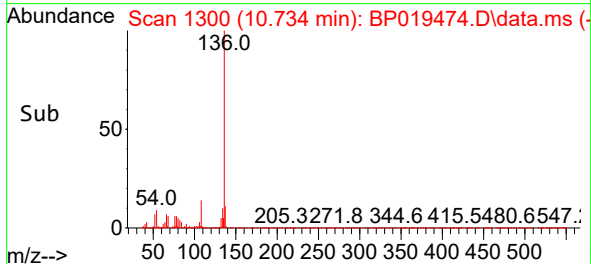
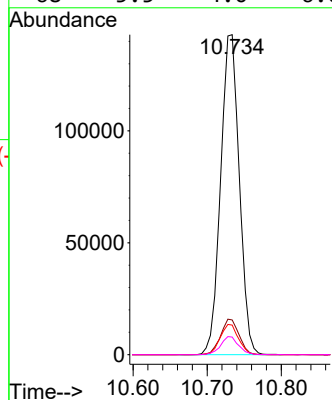
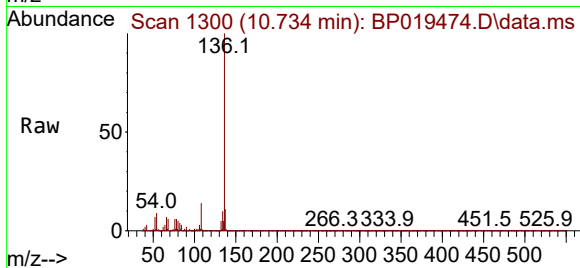




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

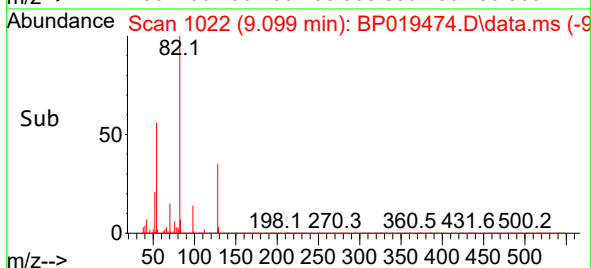
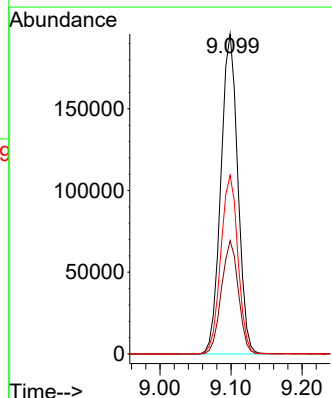
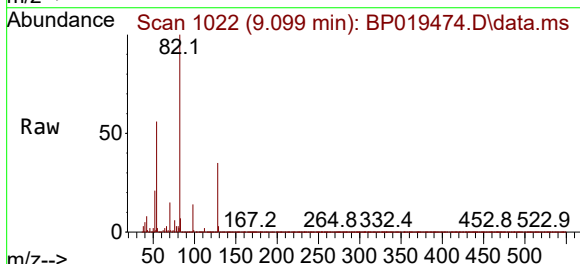
Instrument :
BNA_P
ClientSampleId :
69-TP-3

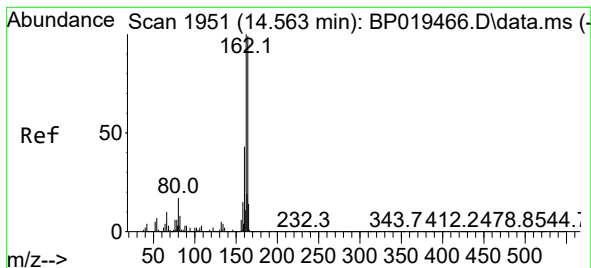
Tgt Ion:	136	Resp:	250041
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.3	7.4	11.0
68	5.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 53.119 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:	82	Resp:	322787
Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.9	43.3
54	55.8	44.3	66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

69-TP-3

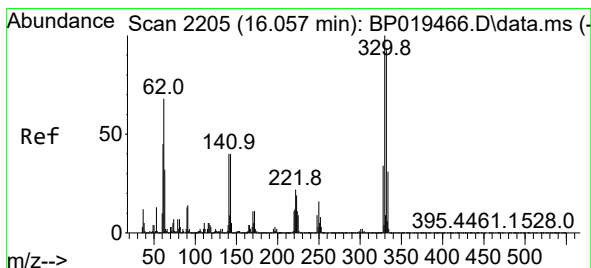
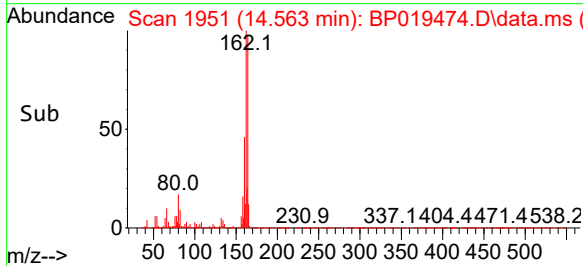
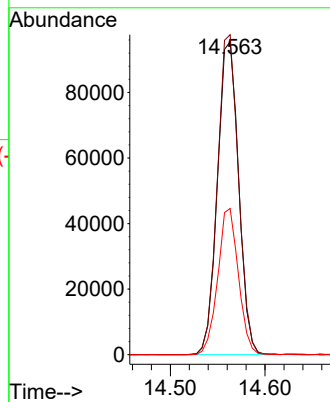
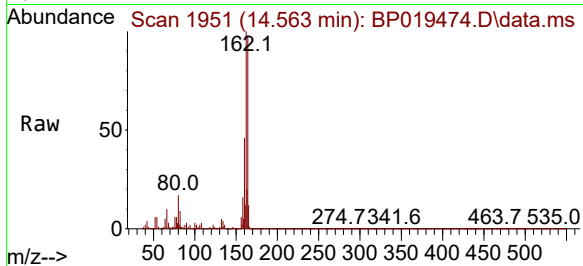
Tgt Ion:164 Resp: 148215

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

160 46.7 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 68.976 ng

RT: 16.051 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

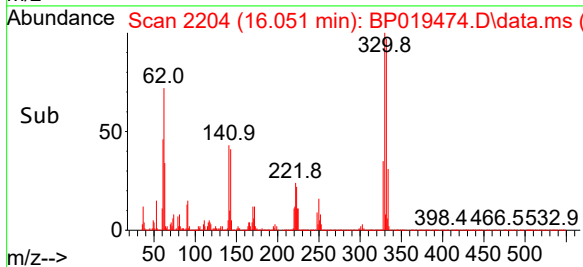
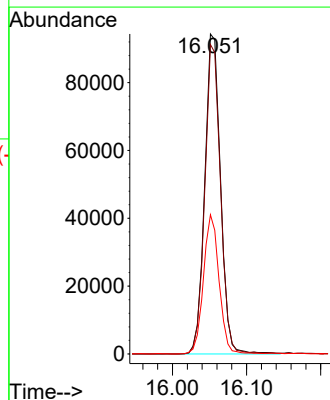
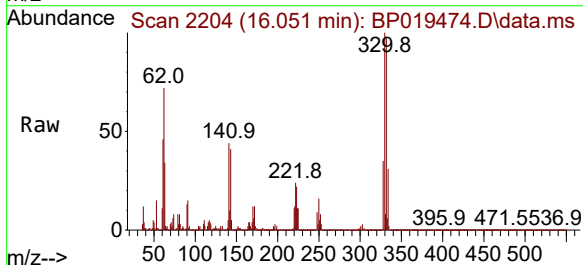
Tgt Ion:330 Resp: 140068

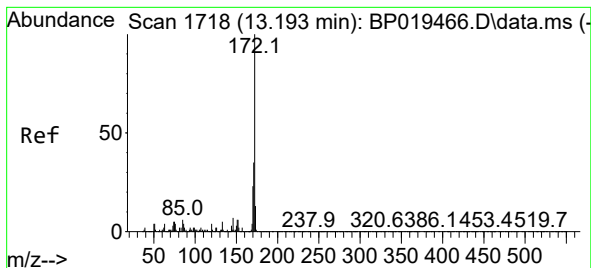
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.2

141 42.9 33.3 49.9

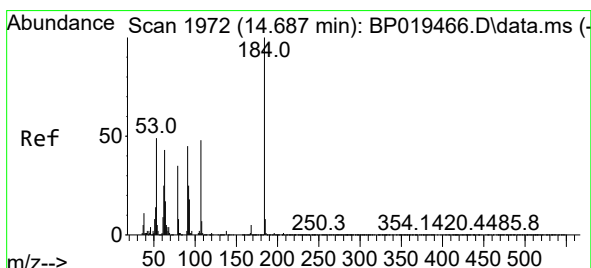
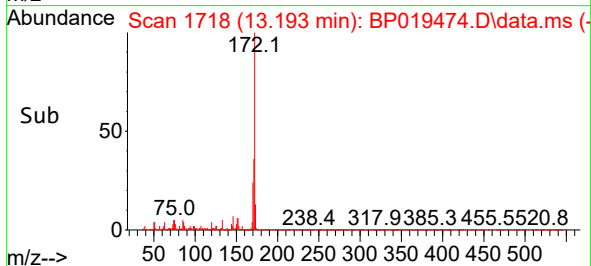
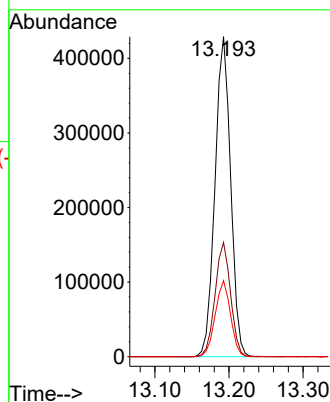
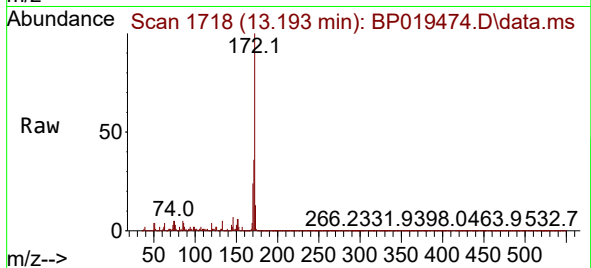




#45
2-Fluorobiphenyl
Concen: 54.534 ng
RT: 13.193 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

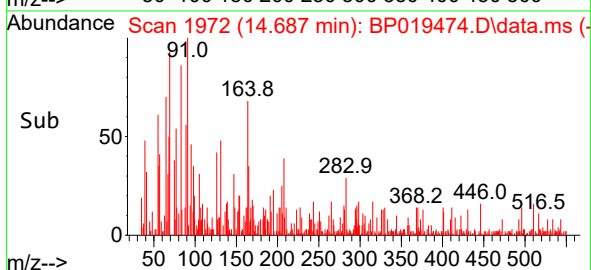
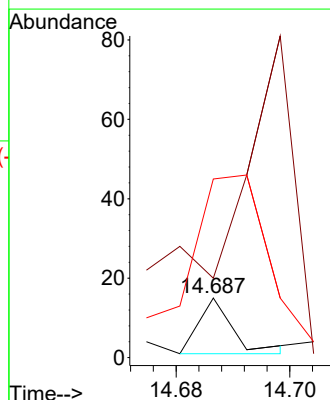
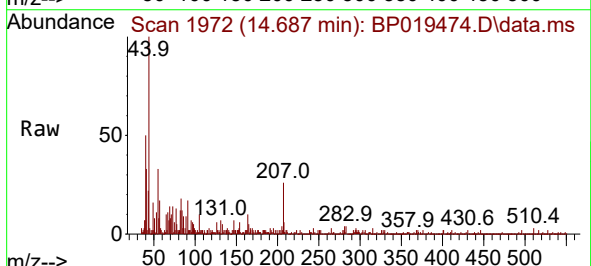
Instrument :
BNA_P
ClientSampleId :
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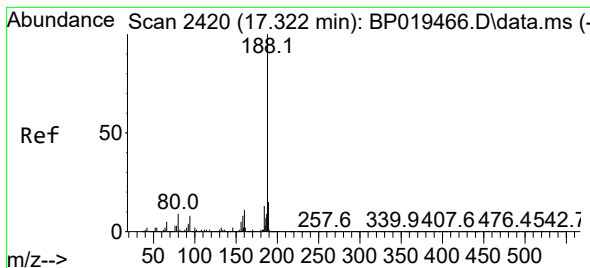
Tgt Ion:172 Resp: 627755
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.8 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 3.957 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 133.3 56.8 85.2#
154 300.0 59.3 88.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

69-TP-3

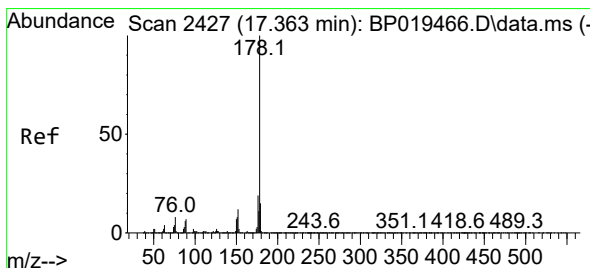
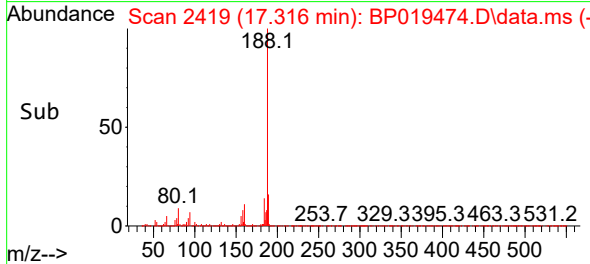
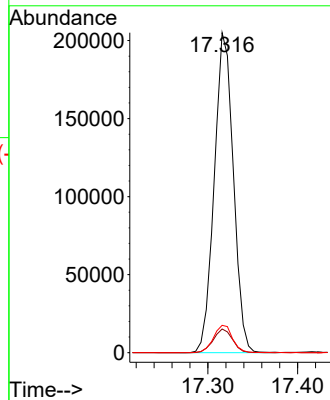
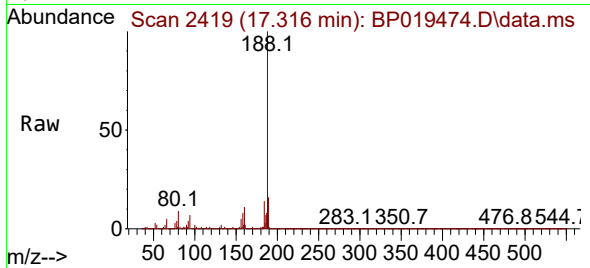
Tgt Ion:188 Resp: 303334

Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

80 8.5 6.8 10.2



#71

Phenanthrene

Concen: 3.200 ng

RT: 17.357 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

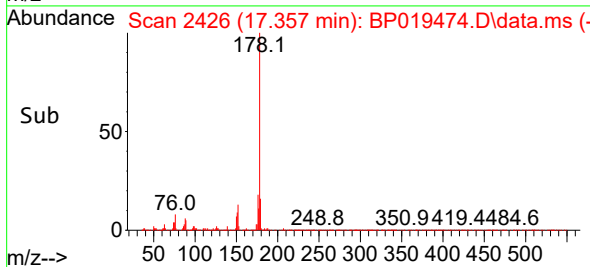
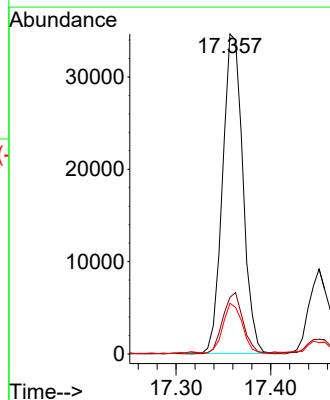
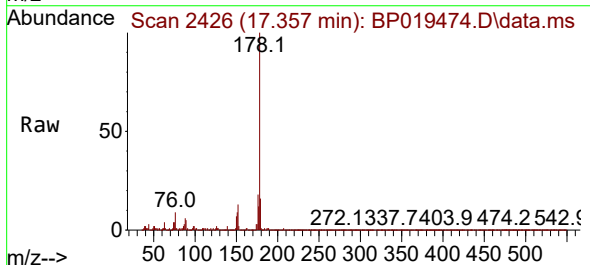
Tgt Ion:178 Resp: 51685

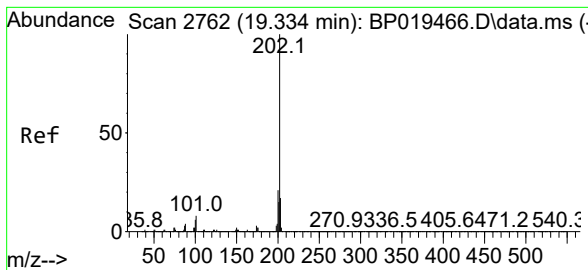
Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.6

179 15.9 12.0 18.0

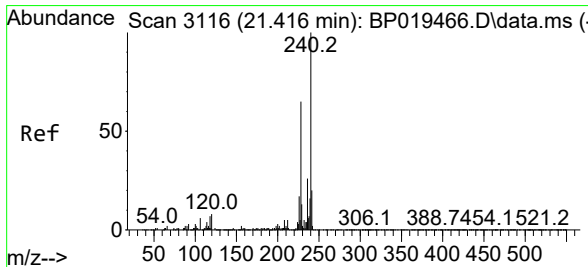
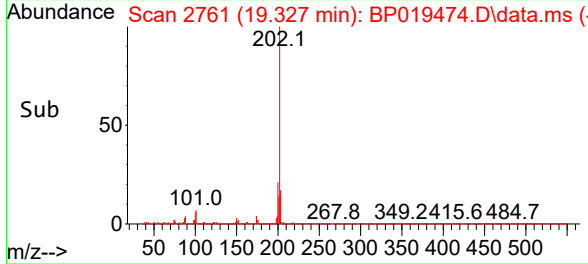
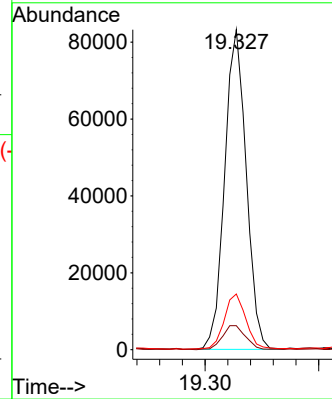
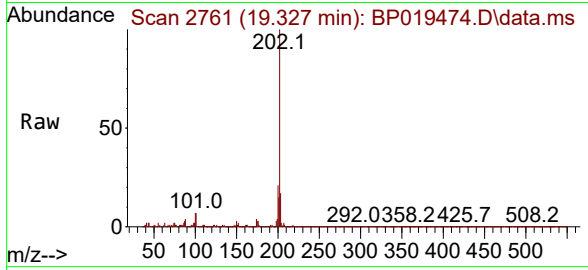




#75
Fluoranthene
Concen: 5.608 ng
RT: 19.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

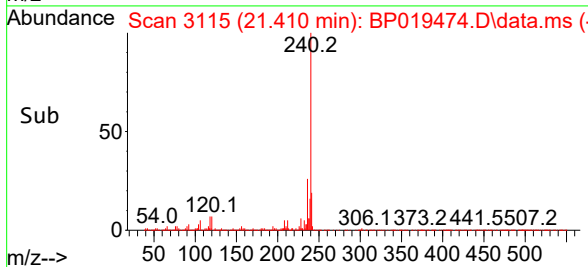
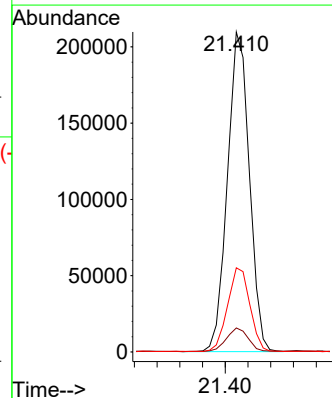
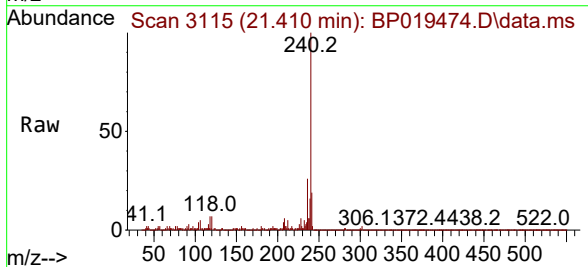
Instrument :
BNA_P
ClientSampleId :
69-TP-3

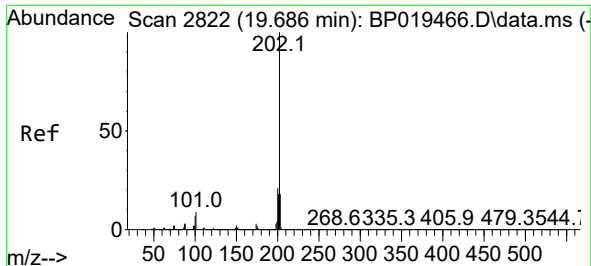
Tgt Ion:202 Resp: 109645
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.9
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:240 Resp: 280710
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.3 20.6 31.0

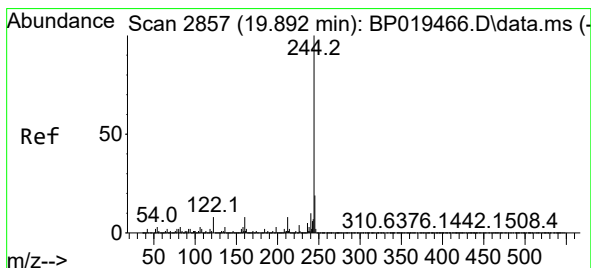
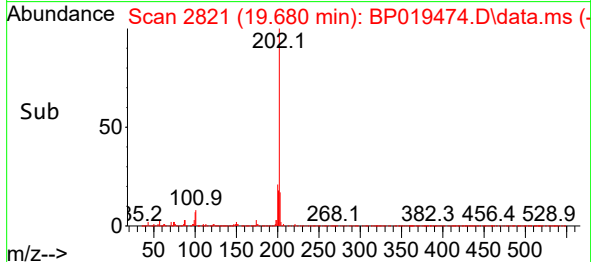
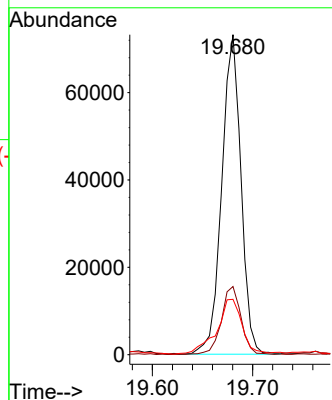
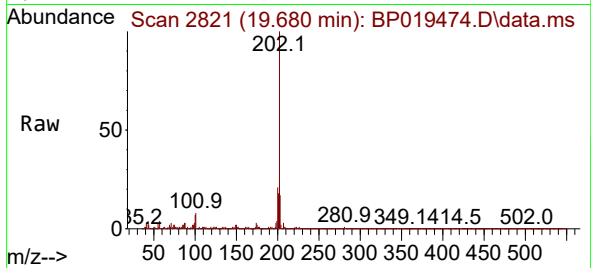




#78
Pyrene
Concen: 4.157 ng
RT: 19.680 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

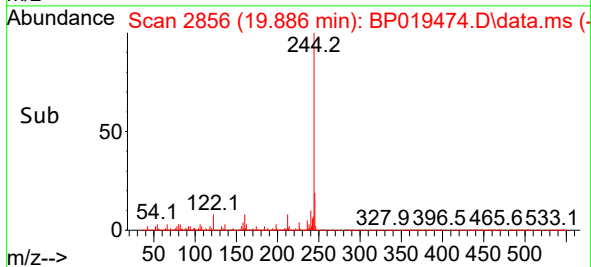
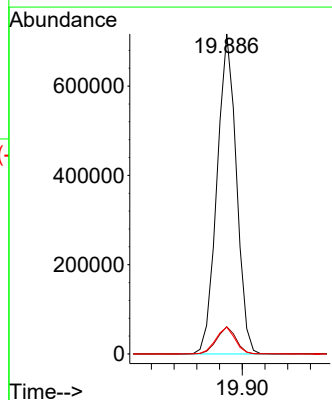
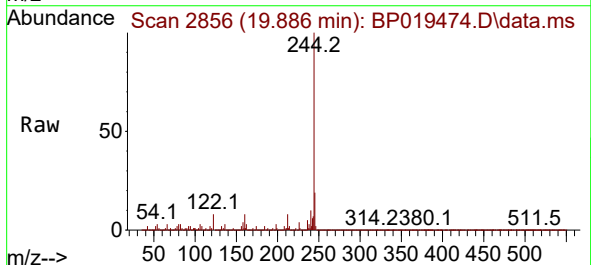
Instrument :
BNA_P
ClientSampleId :
69-TP-3

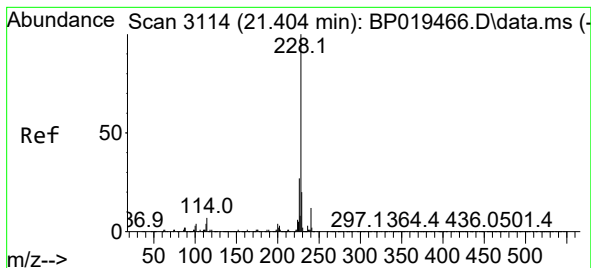
Tgt Ion:202 Resp: 97376
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.3 14.2 21.2



#79
Terphenyl-d14
Concen: 43.178 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:244 Resp: 850721
Ion Ratio Lower Upper
244 100
212 8.5 6.4 9.6
122 8.4 6.5 9.7





#81

Benzo(a)anthracene

Concen: 2.788 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

69-TP-3

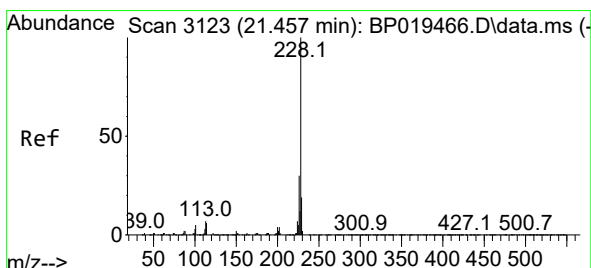
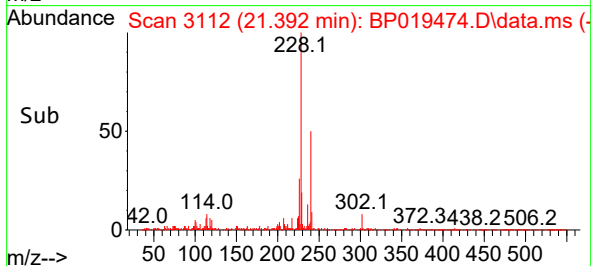
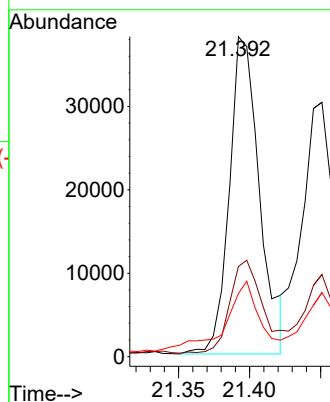
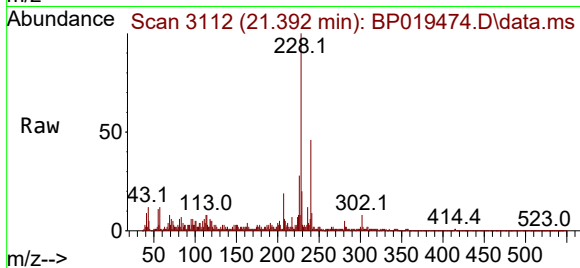
Tgt Ion:228 Resp: 56410

Ion Ratio Lower Upper

228 100

226 28.2 21.5 32.3

229 19.7 15.7 23.5



#83

Chrysene

Concen: 2.989 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.065 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

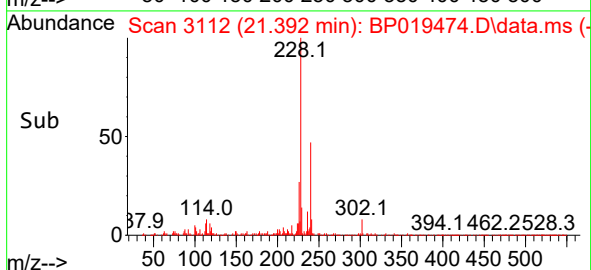
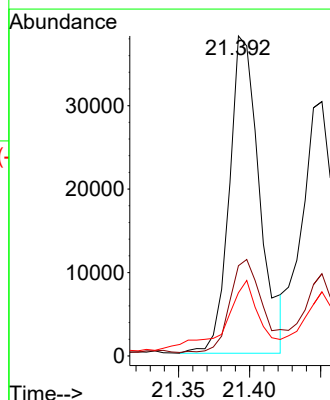
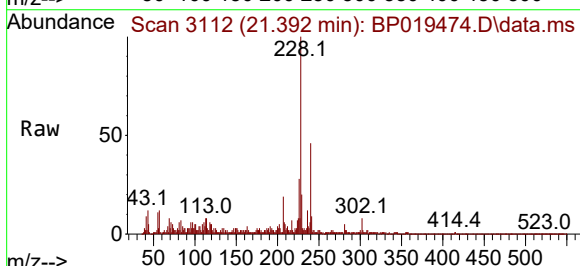
Tgt Ion:228 Resp: 56410

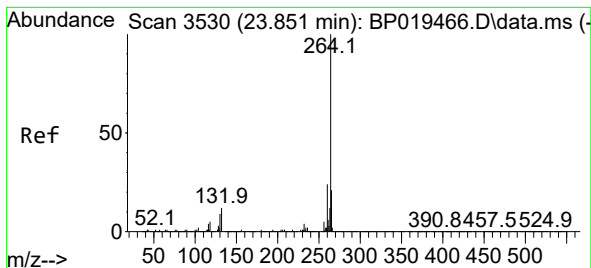
Ion Ratio Lower Upper

228 100

226 28.2 23.9 35.9

229 19.7 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

69-TP-3

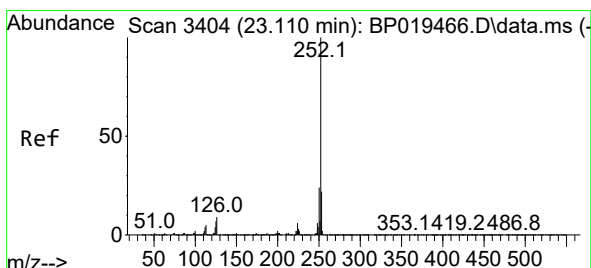
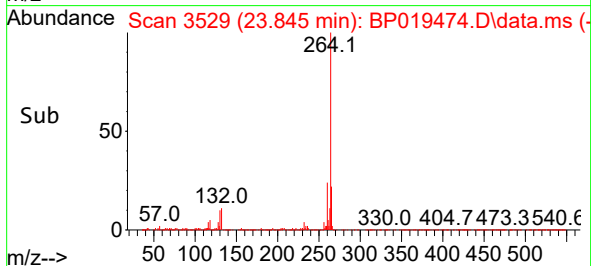
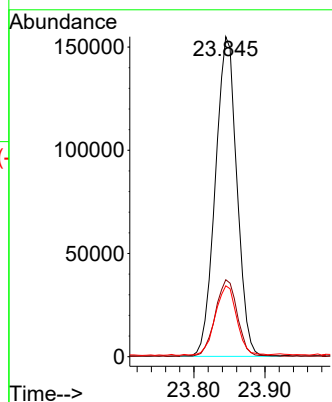
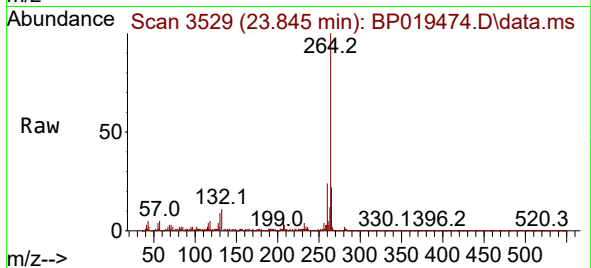
Tgt Ion:264 Resp: 325678

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.1 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 3.114 ng

RT: 23.104 min Scan# 3403

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

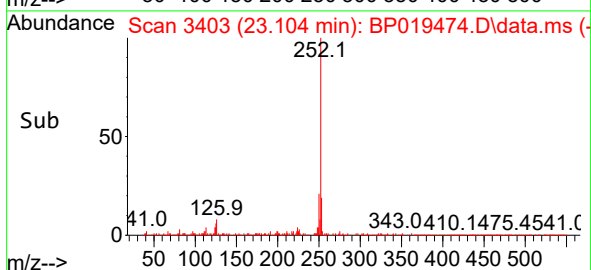
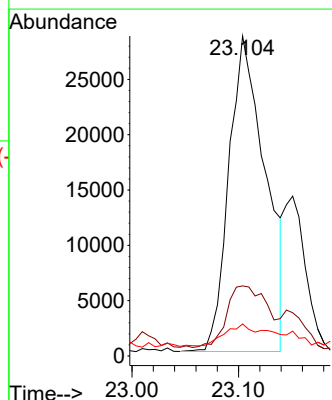
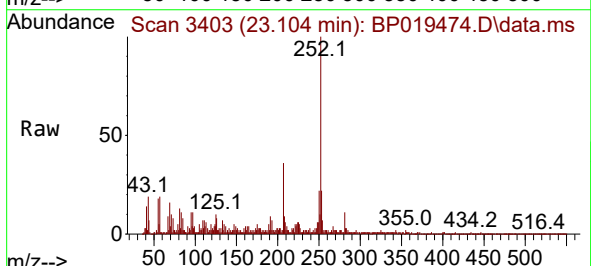
Tgt Ion:252 Resp: 67821

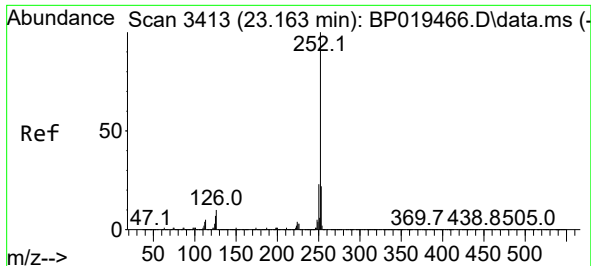
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 10.0 5.3 7.9#

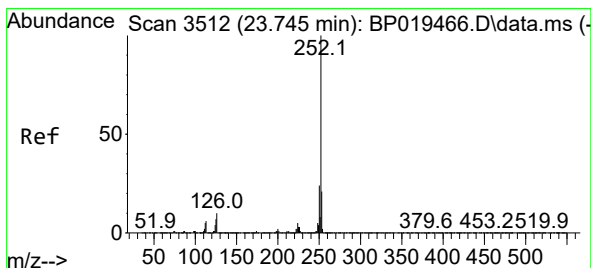
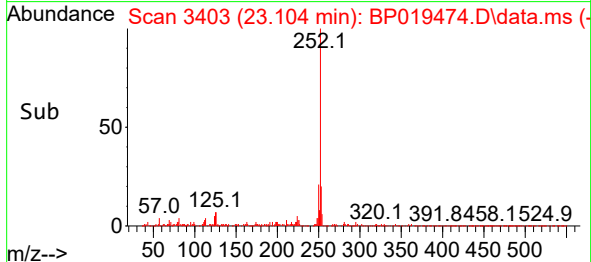
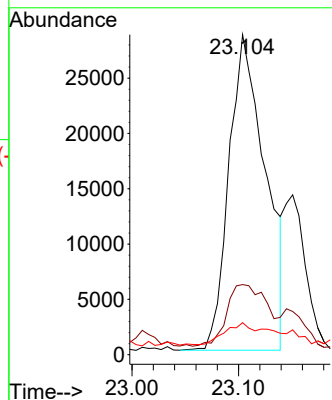
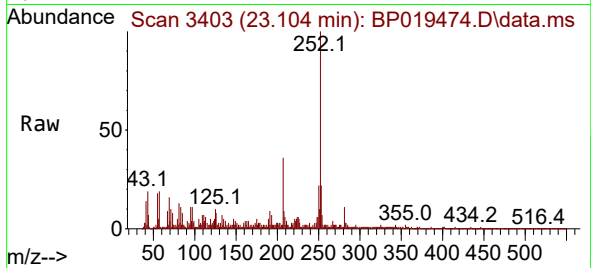




#89
Benzo(k)fluoranthene
Concen: 3.267 ng
RT: 23.104 min Scan# 3413
Delta R.T. -0.059 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Instrument :
BNA_P
ClientSampleId :
69-TP-3

Tgt Ion:252 Resp: 67821
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 5.4 8.2#



#90
Benzo(a)pyrene
Concen: 2.670 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:252 Resp: 49654
Ion Ratio Lower Upper
252 100
253 22.8 16.9 25.3
125 10.5 6.0 9.0#

