

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019916.D
 Acq On : 28 Feb 2024 14:55
 Operator : MA/JU
 Sample : P1584-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-02232024

Quant Time: Feb 28 15:36:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

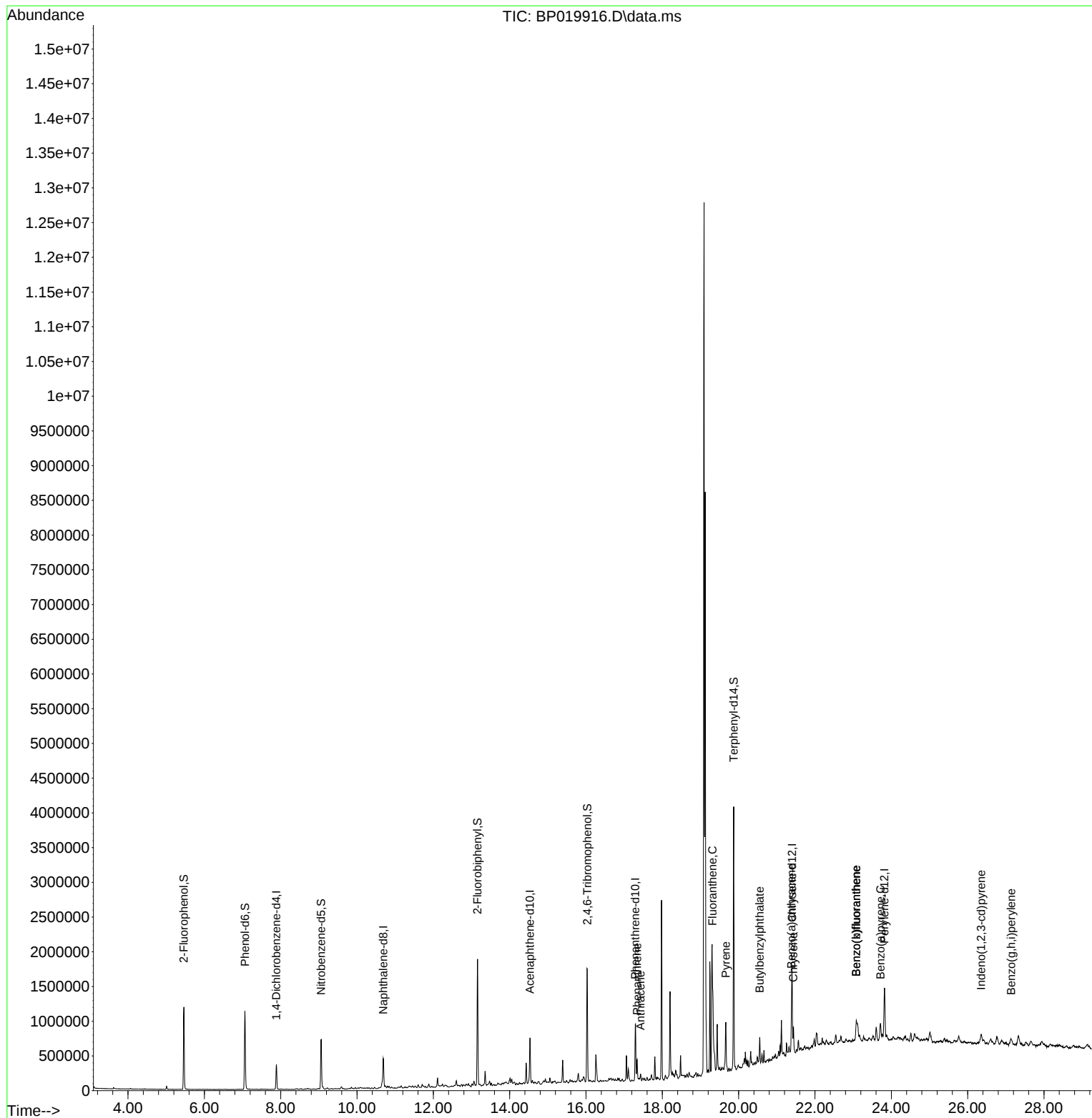
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	96268	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	344417	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	227674	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	522990	20.000	ng	-0.01
76) Chrysene-d12	21.398	240	545871	20.000	ng	-0.01
86) Perylene-d12	23.821	264	614583	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	482725	82.305	ng	0.00
7) Phenol-d6	7.063	99	646189	74.000	ng	-0.01
23) Nitrobenzene-d5	9.057	82	452562	53.048	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	343531	87.999	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	948005	56.258	ng	-0.01
79) Terphenyl-d14	19.869	244	1834556	52.971	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.339	178	185924	6.660	ng	99
72) Anthracene	17.428	178	59806	2.099	ng	98
75) Fluoranthene	19.310	202	390929	10.791	ng	99
78) Pyrene	19.663	202	354748	9.459	ng	100
80) Butylbenzylphthalate	20.551	149	96107	6.408	ng	92
81) Benzo(a)anthracene	21.380	228	231393	5.972	ng	96
83) Chrysene	21.433	228	232631	6.407	ng	95
87) Indeno(1,2,3-cd)pyrene	26.351	276	137712	3.183	ng	99
88) Benzo(b)fluoranthene	23.080	252	277463	7.364	ng	# 91
89) Benzo(k)fluoranthene	23.080	252	277463	7.508	ng	# 90
90) Benzo(a)pyrene	23.715	252	203681	5.656	ng	# 95
92) Benzo(g,h,i)perylene	27.139	276	147706	4.207	ng	96

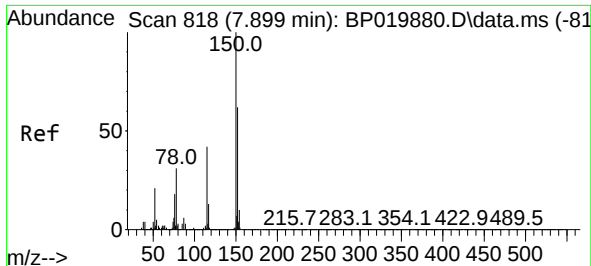
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019916.D
Acq On : 28 Feb 2024 14:55
Operator : MA/JU
Sample : P1584-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-02232024

Quant Time: Feb 28 15:36:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

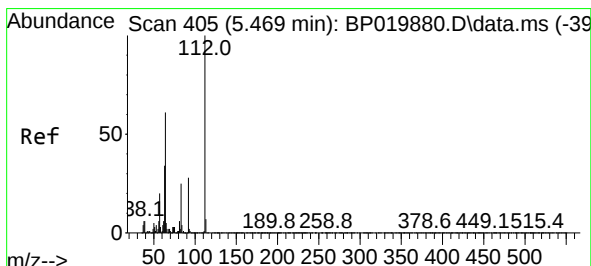
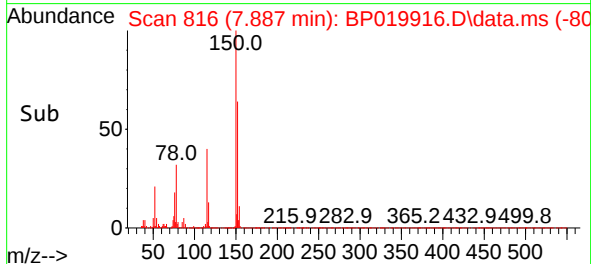
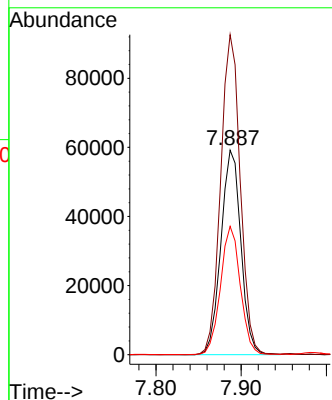
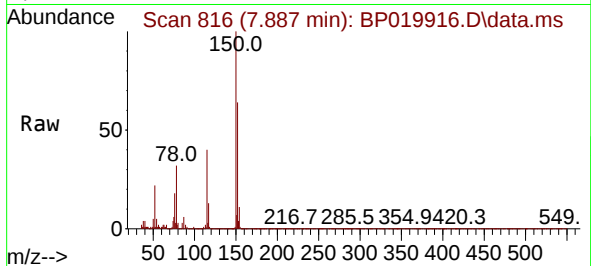




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

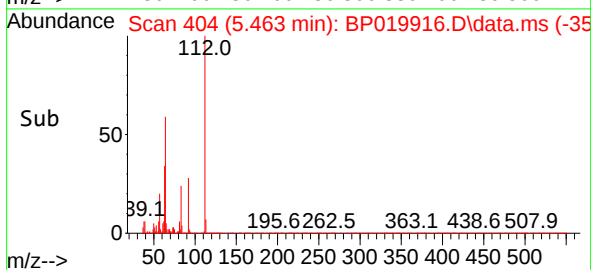
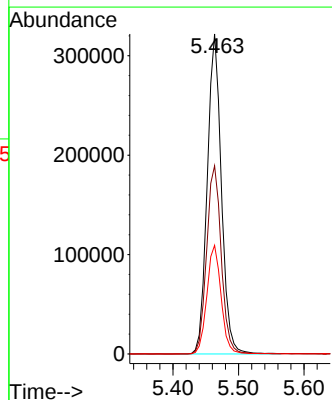
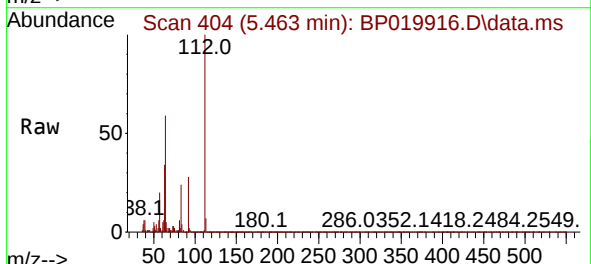
Instrument :
BNA_P
ClientSampleId :
AU-06-02232024

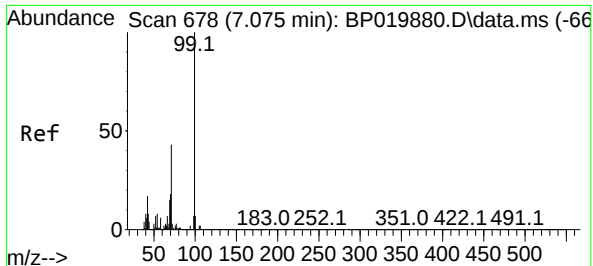
Tgt Ion:152 Resp: 96268
Ion Ratio Lower Upper
152 100
150 156.4 128.6 192.8
115 62.7 53.4 80.2



#5
2-Fluorophenol
Concen: 82.305 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

Tgt Ion:112 Resp: 482725
Ion Ratio Lower Upper
112 100
64 58.8 49.0 73.6
63 34.0 27.6 41.4

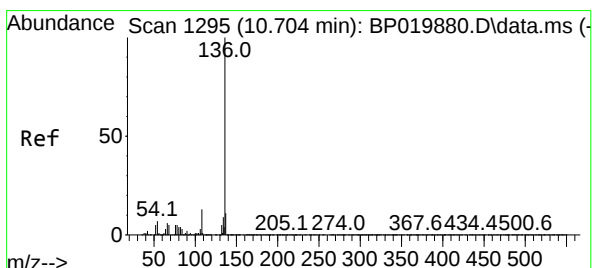
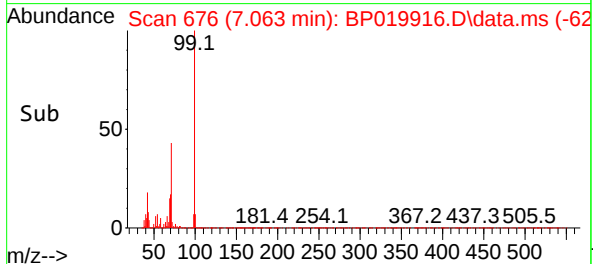
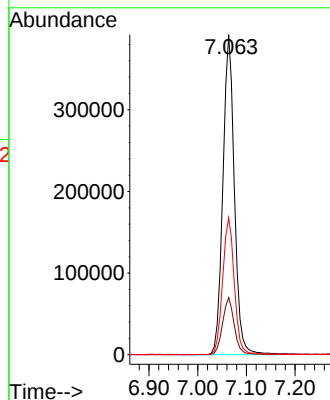
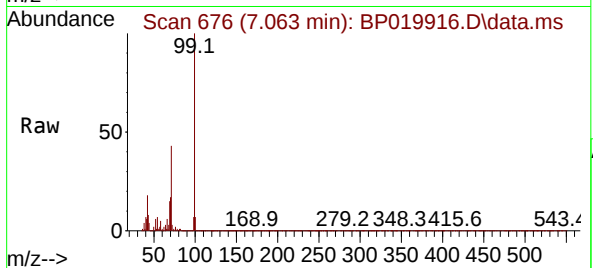




#7
Phenol-d6
Concen: 74.000 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

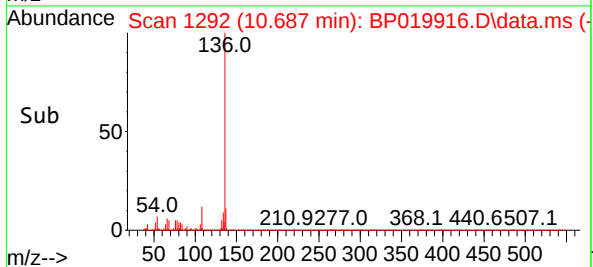
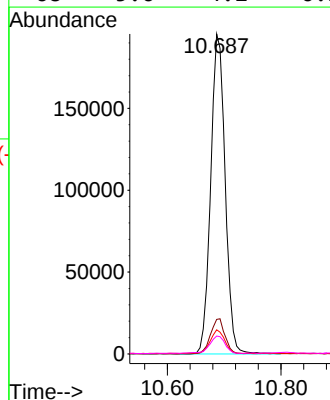
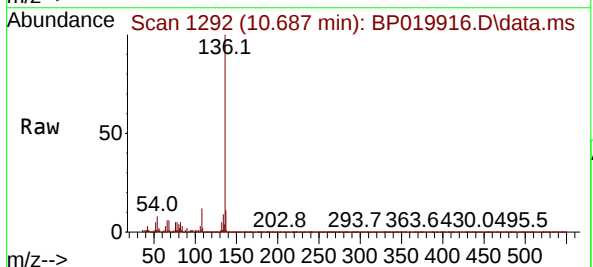
Instrument :
BNA_P
ClientSampleId :
AU-06-02232024

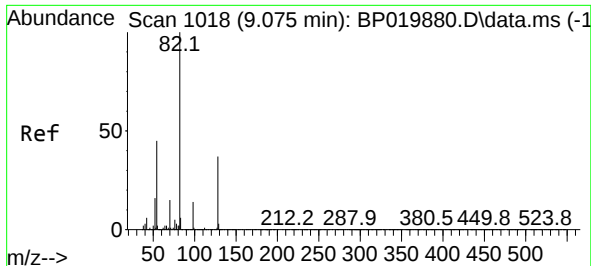
Tgt Ion:	99	Resp:	646189
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.8	20.8
71	42.8	34.5	51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

Tgt Ion:	136	Resp:	344417
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.0	9.0
68	5.6	4.2	6.2

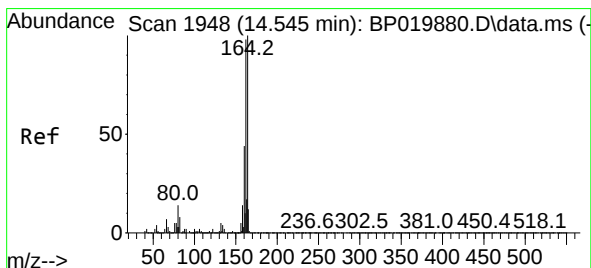
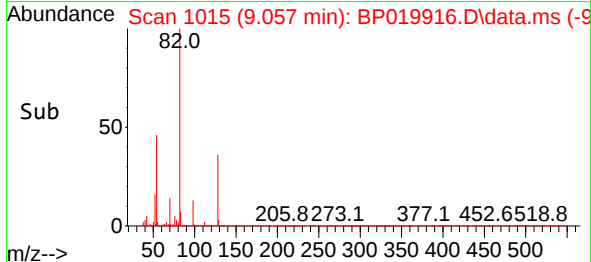
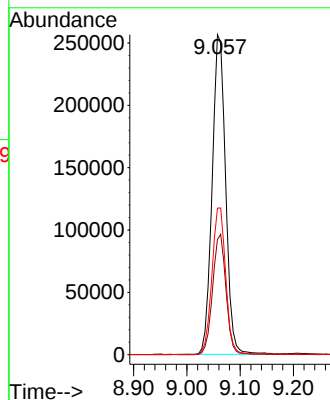
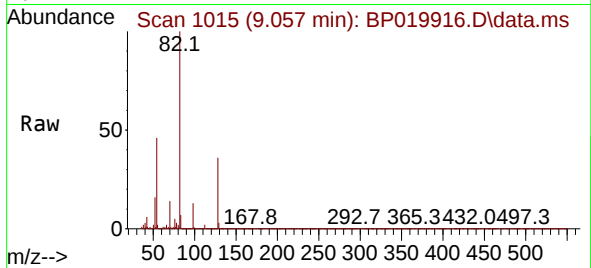




#23
Nitrobenzene-d5
Concen: 53.048 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

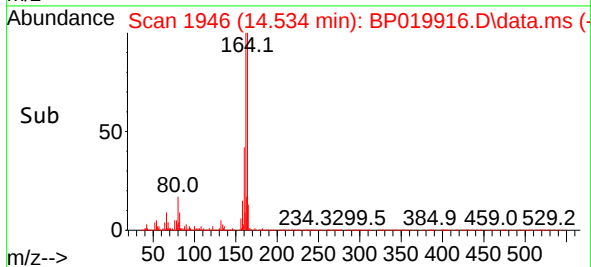
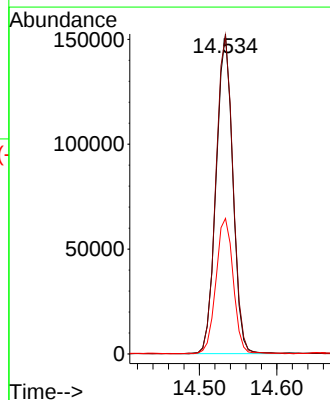
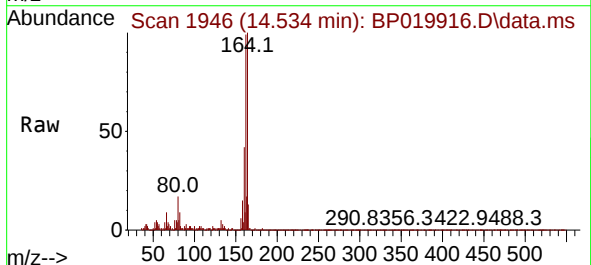
Instrument :
BNA_P
ClientSampleId :
AU-06-02232024

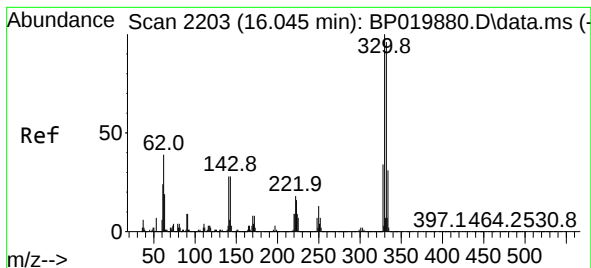
Tgt Ion:	82	Resp:	452562
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.6	44.4
54	45.8	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

Tgt Ion:	164	Resp:	227674
Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.1	117.1
160	42.3	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 87.999 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Instrument :

BNA_P

ClientSampleId :

AU-06-02232024

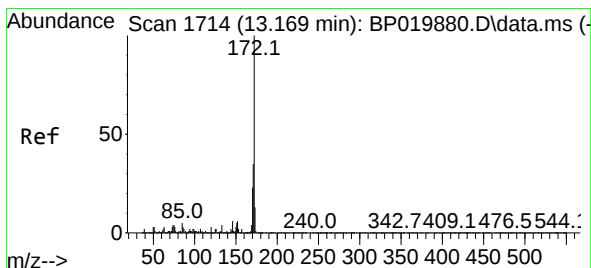
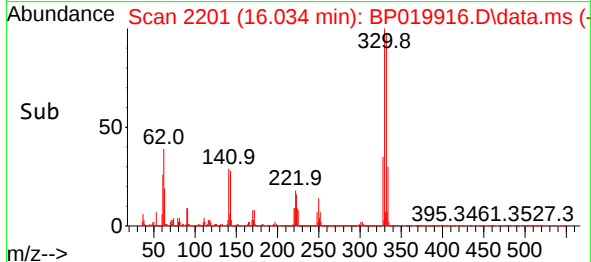
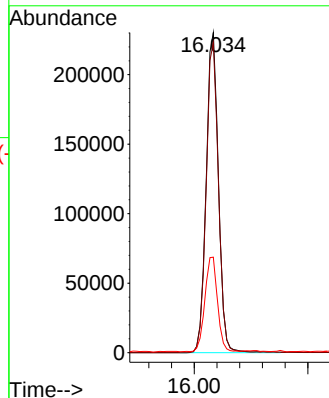
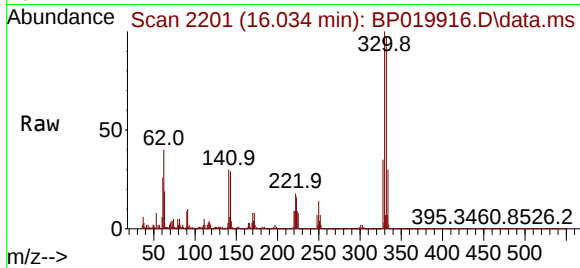
Tgt Ion:330 Resp: 343531

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 30.4 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 56.258 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

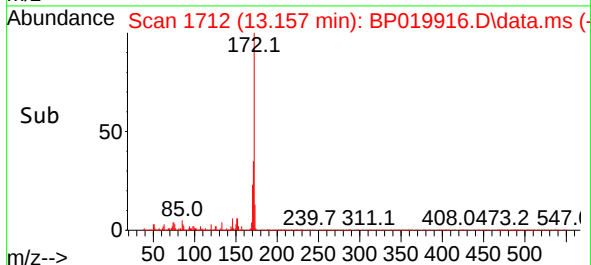
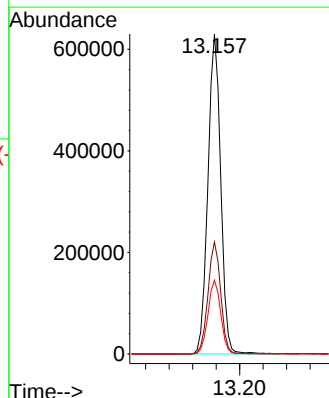
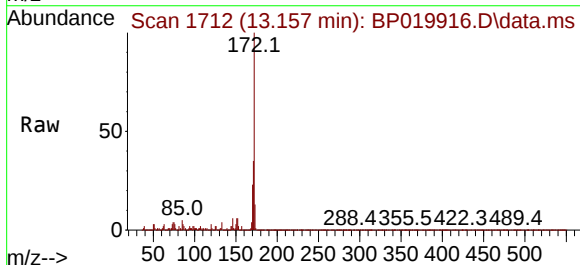
Tgt Ion:172 Resp: 948005

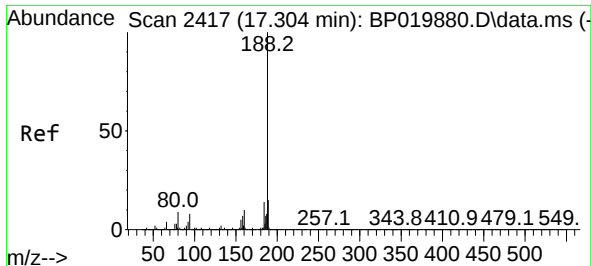
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.0 18.4 27.6

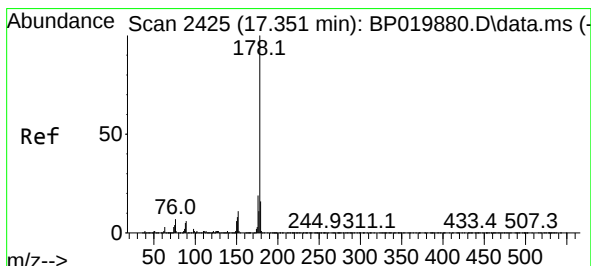
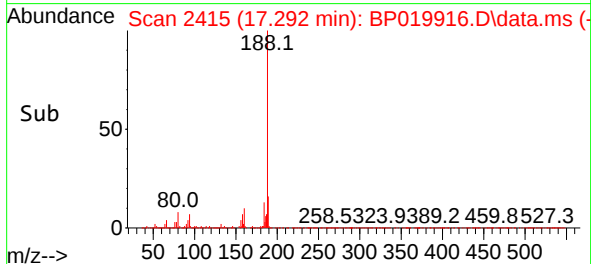
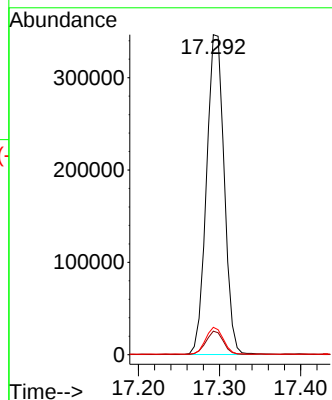
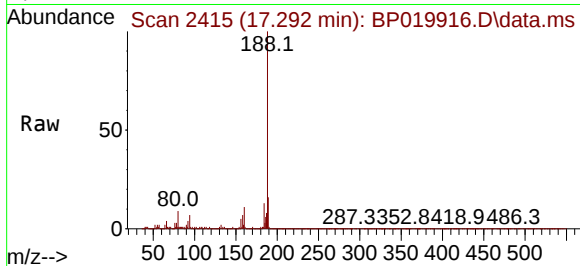




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

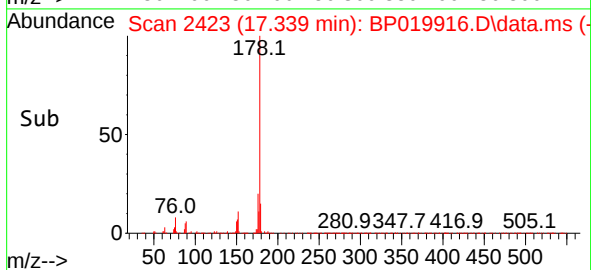
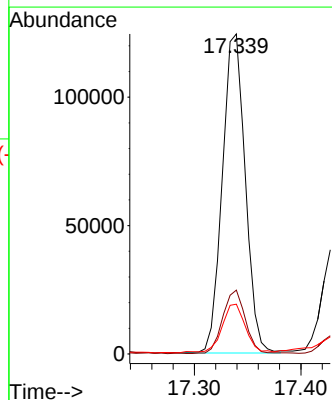
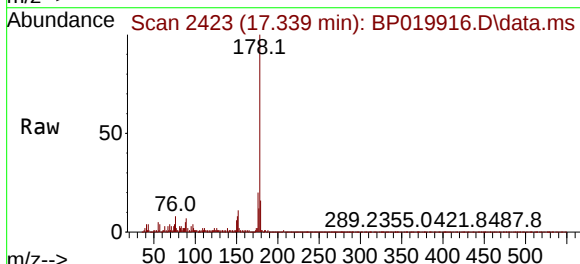
Instrument :
BNA_P
ClientSampleId :
AU-06-02232024

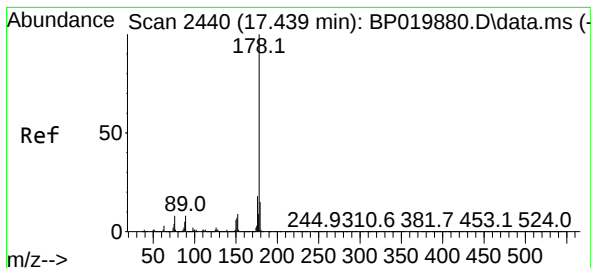
Tgt Ion:188 Resp: 522990
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 8.5 7.0 10.4



#71
Phenanthrene
Concen: 6.660 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

Tgt Ion:178 Resp: 185924
Ion Ratio Lower Upper
178 100
176 20.0 15.2 22.8
179 15.5 12.5 18.7





#72

Anthracene

Concen: 2.099 ng

RT: 17.428 min Scan# 2440

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Instrument :

BNA_P

ClientSampleId :

AU-06-02232024

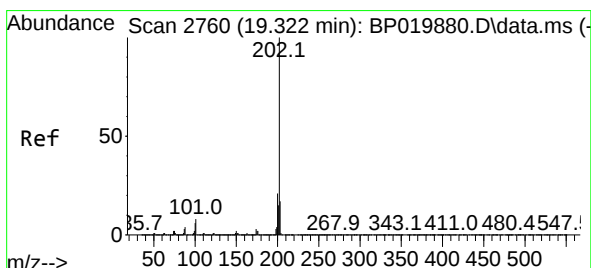
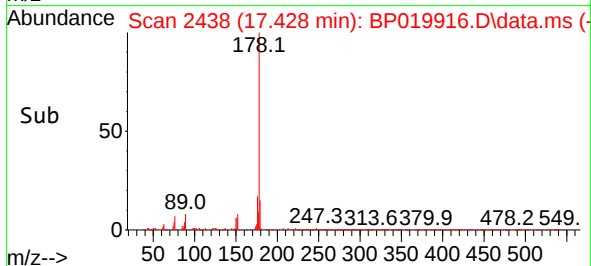
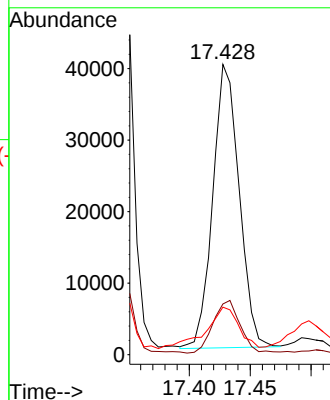
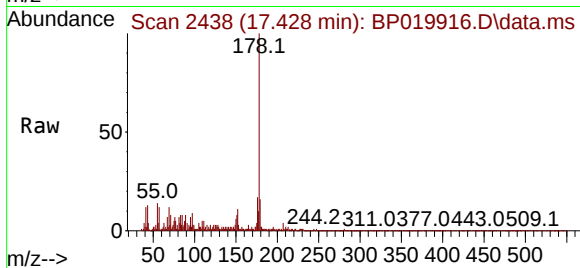
Tgt Ion:178 Resp: 59806

Ion Ratio Lower Upper

178 100

176 17.5 14.7 22.1

179 16.4 12.2 18.4



#75

Fluoranthene

Concen: 10.791 ng

RT: 19.310 min Scan# 2758

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

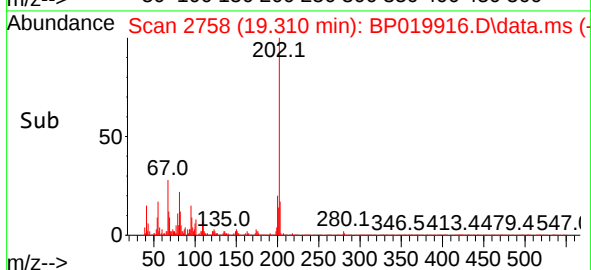
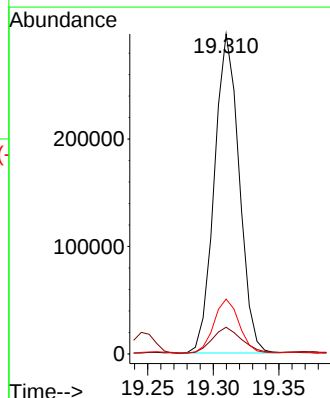
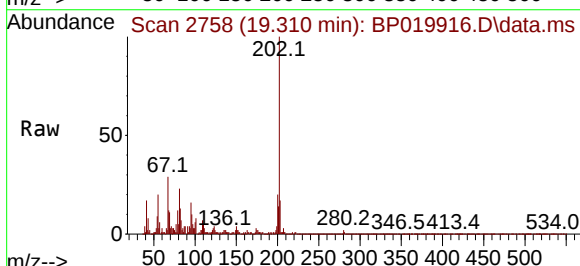
Tgt Ion:202 Resp: 390929

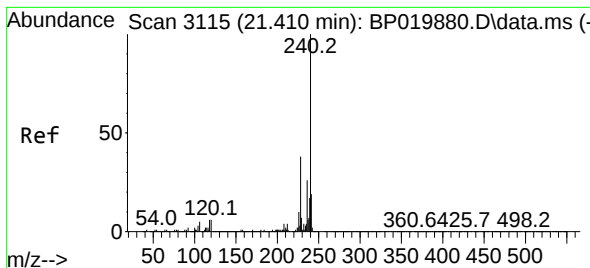
Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

203 17.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Instrument :

BNA_P

ClientSampleId :

AU-06-02232024

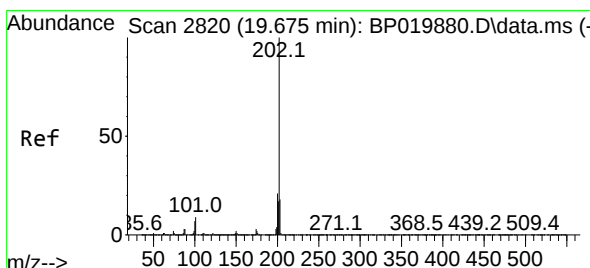
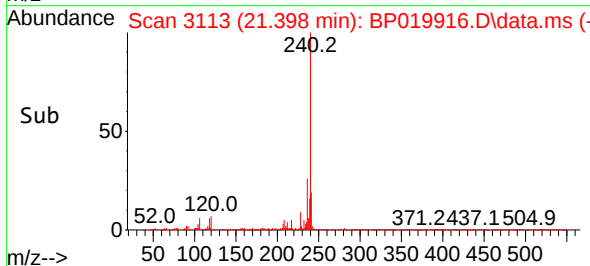
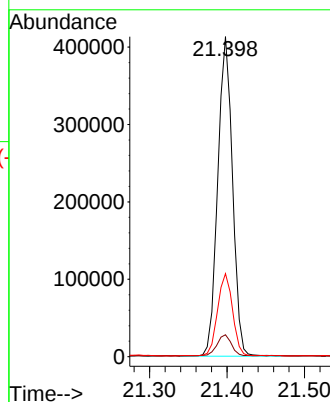
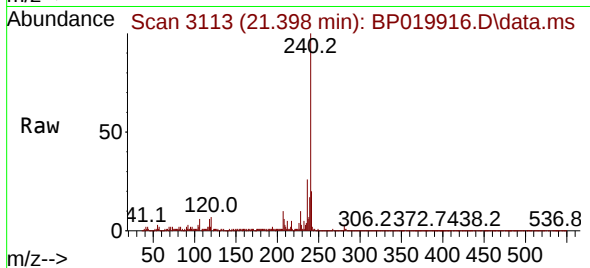
Tgt Ion:240 Resp: 545871

Ion Ratio Lower Upper

240 100

120 6.9 5.1 7.7

236 26.0 20.5 30.7



#78

Pyrene

Concen: 9.459 ng

RT: 19.663 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

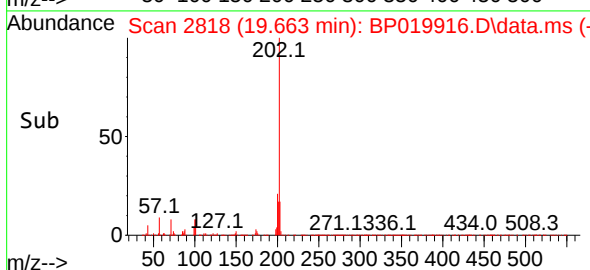
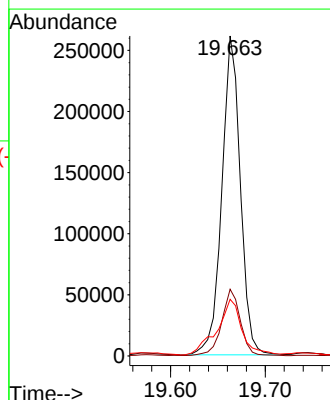
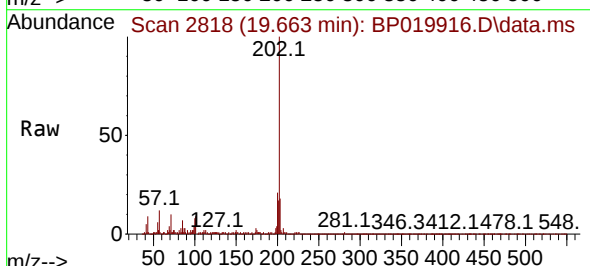
Tgt Ion:202 Resp: 354748

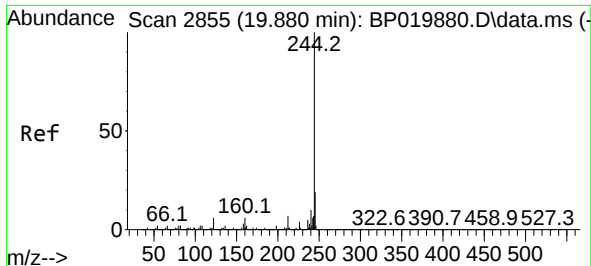
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.7 14.2 21.2

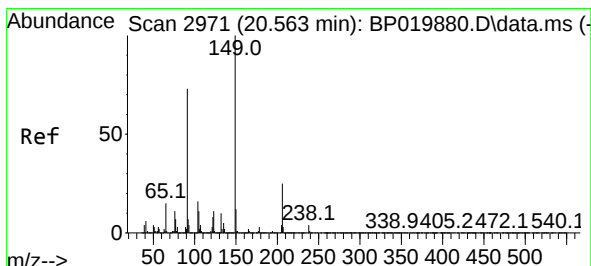
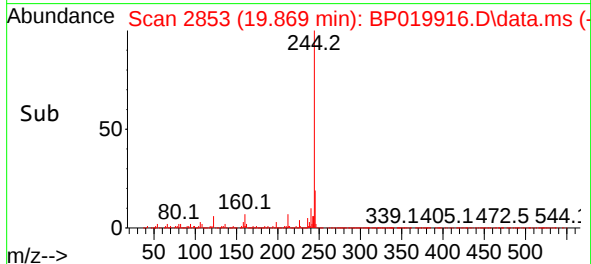
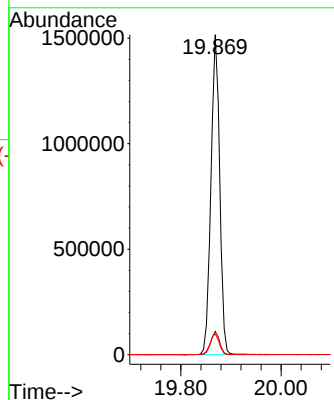
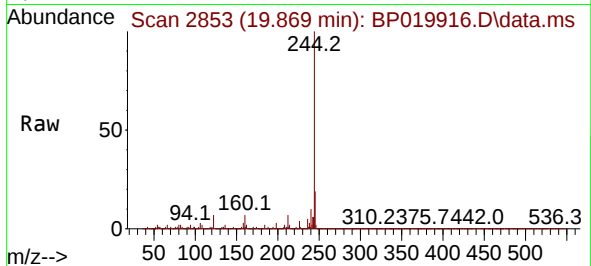




#79
 Terphenyl-d14
 Concen: 52.971 ng
 RT: 19.869 min Scan# 2853
 Delta R.T. -0.012 min
 Lab File: BP019916.D
 Acq: 28 Feb 2024 14:55

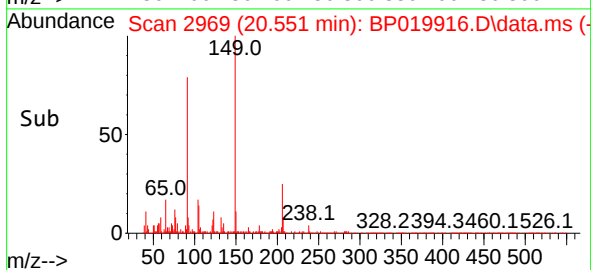
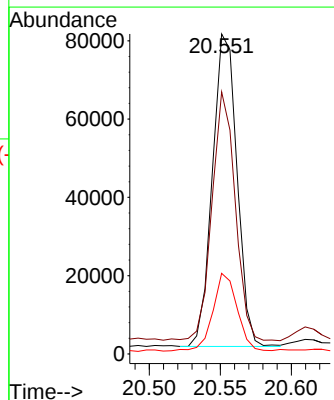
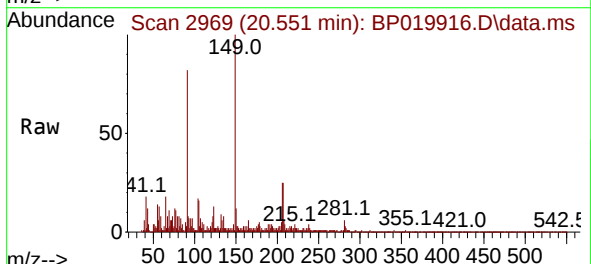
Instrument :
 BNA_P
 ClientSampleId :
 AU-06-02232024

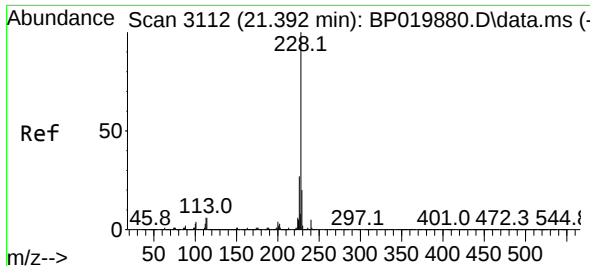
Tgt Ion:244 Resp: 1834556
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 6.5 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 6.408 ng
 RT: 20.551 min Scan# 2969
 Delta R.T. -0.012 min
 Lab File: BP019916.D
 Acq: 28 Feb 2024 14:55

Tgt Ion:149 Resp: 96107
 Ion Ratio Lower Upper
 149 100
 91 81.9 58.3 87.5
 206 25.2 19.8 29.8

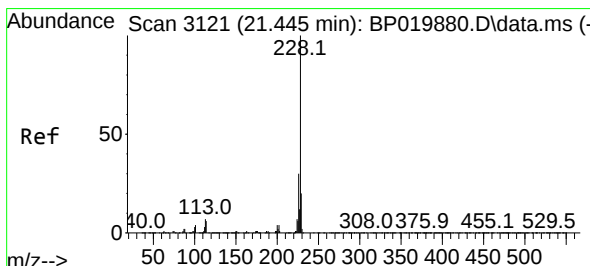
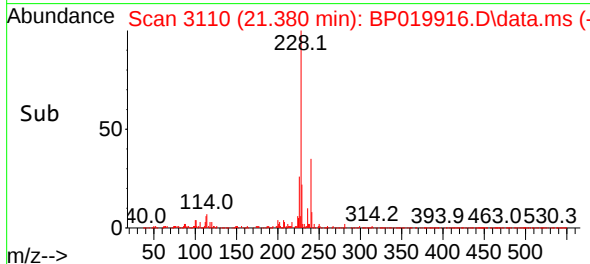
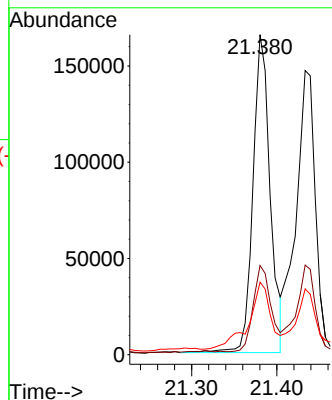
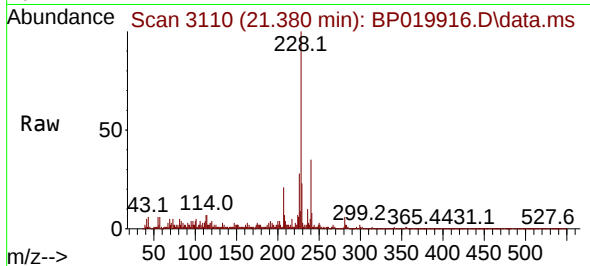




#81
Benzo(a)anthracene
Concen: 5.972 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

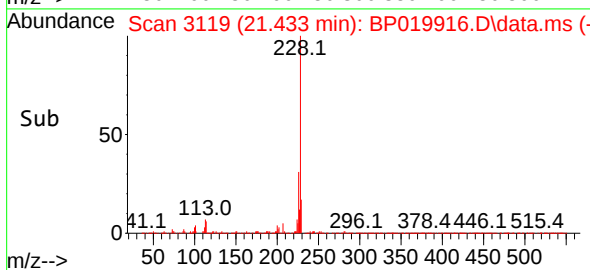
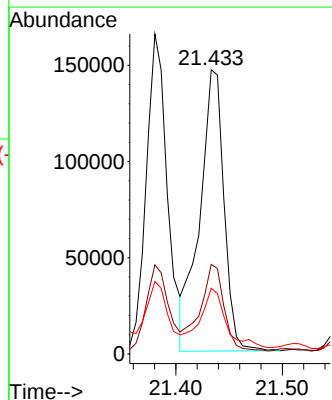
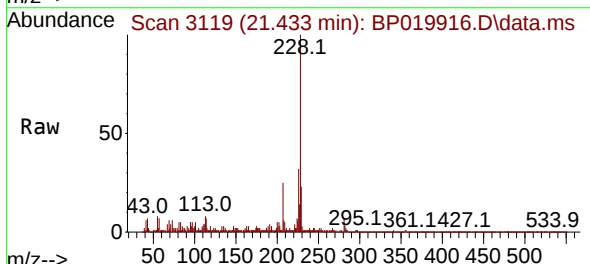
Instrument :
BNA_P
ClientSampleId :
AU-06-02232024

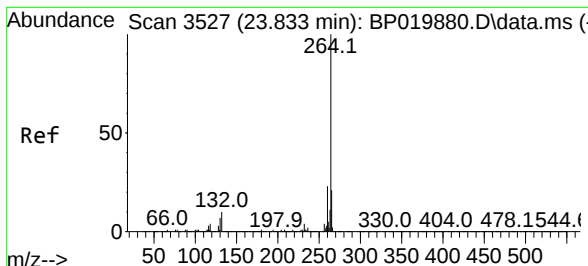
Tgt Ion:228 Resp: 231393
Ion Ratio Lower Upper
228 100
226 27.8 21.5 32.3
229 22.7 15.6 23.4



#83
Chrysene
Concen: 6.407 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP019916.D
Acq: 28 Feb 2024 14:55

Tgt Ion:228 Resp: 232631
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 23.1 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Instrument :

BNA_P

ClientSampleId :

AU-06-02232024

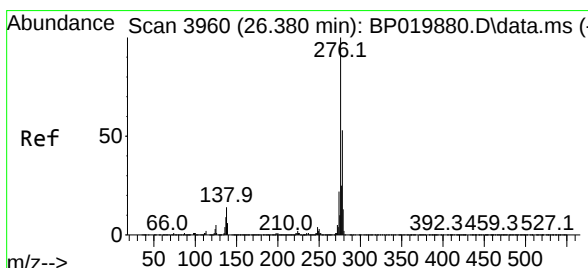
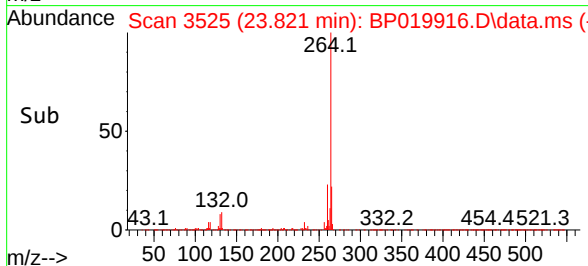
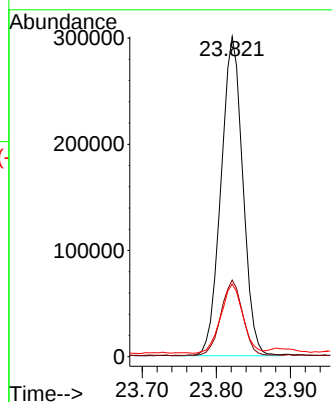
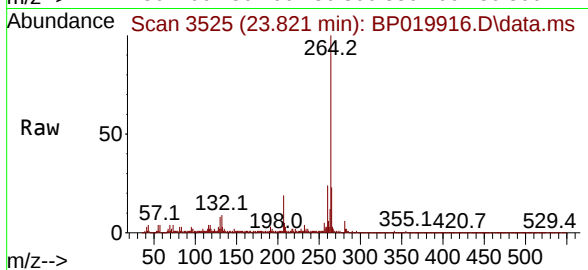
Tgt Ion:264 Resp: 614583

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.7 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.183 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.029 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

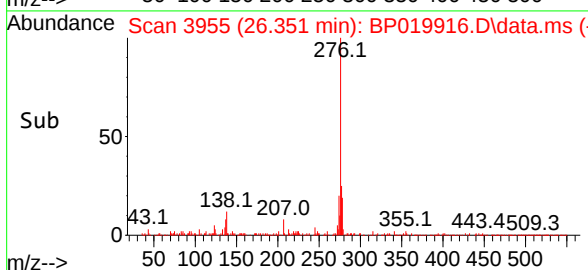
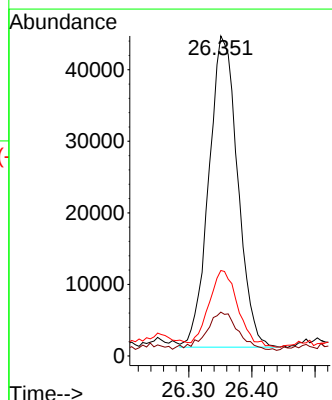
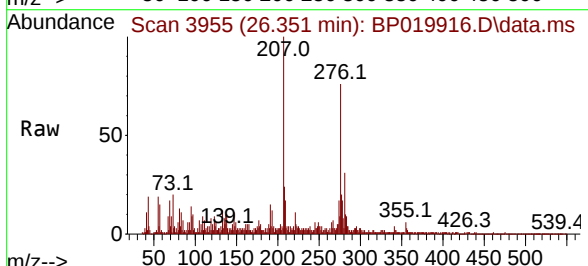
Tgt Ion:276 Resp: 137712

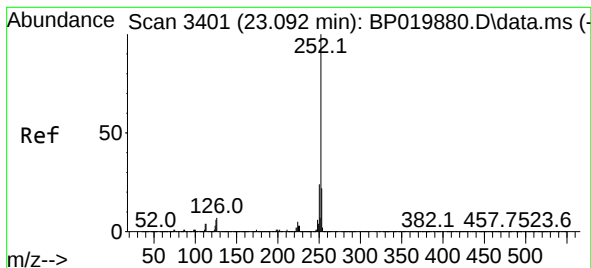
Ion Ratio Lower Upper

276 100

138 13.5 11.7 17.5

277 24.9 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 7.364 ng

RT: 23.080 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Instrument :

BNA_P

ClientSampleId :

AU-06-02232024

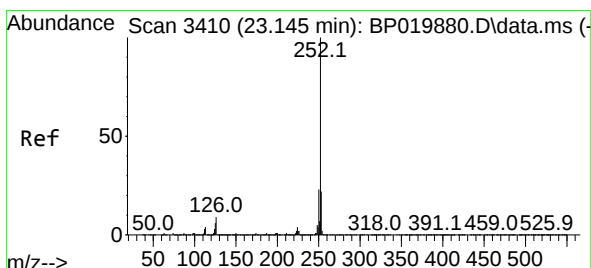
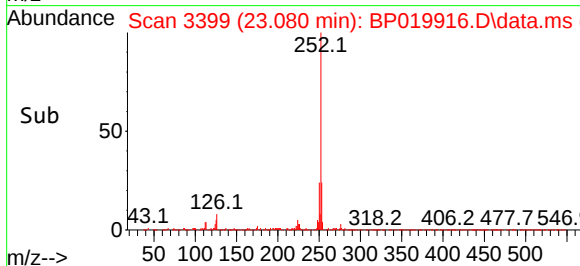
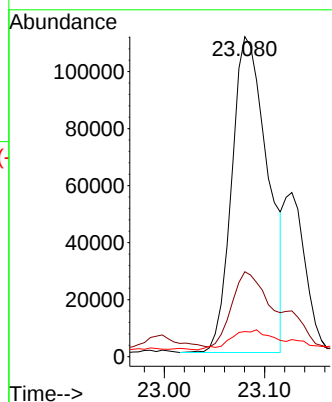
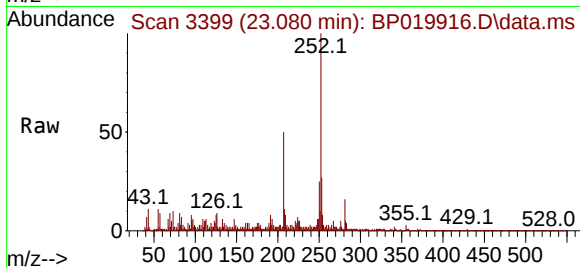
Tgt Ion:252 Resp: 277463

Ion Ratio Lower Upper

252 100

253 26.6 17.6 26.4#

125 7.8 4.6 7.0#



#89

Benzo(k)fluoranthene

Concen: 7.508 ng

RT: 23.080 min Scan# 3399

Delta R.T. -0.065 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

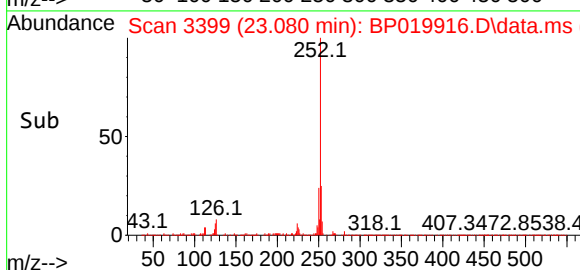
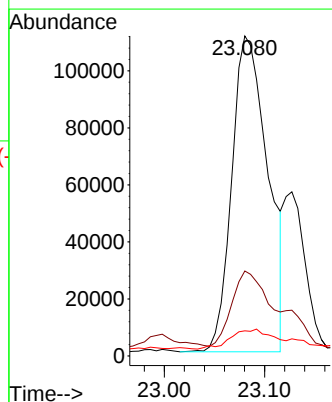
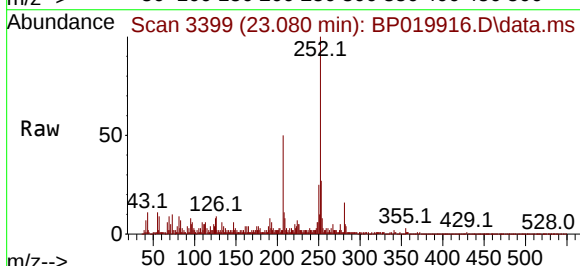
Tgt Ion:252 Resp: 277463

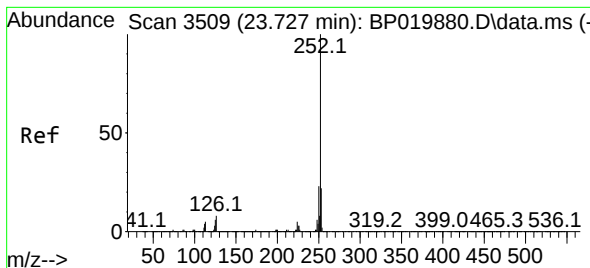
Ion Ratio Lower Upper

252 100

253 26.6 17.3 25.9#

125 7.8 4.6 6.8#





#90

Benzo(a)pyrene

Concen: 5.656 ng

RT: 23.715 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Instrument :

BNA_P

ClientSampleId :

AU-06-02232024

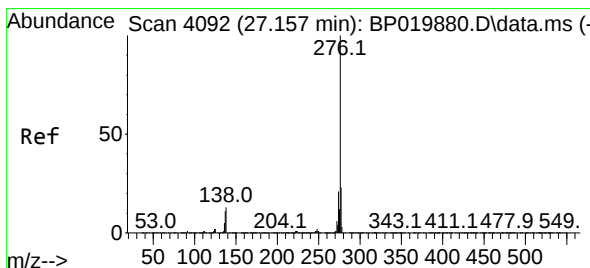
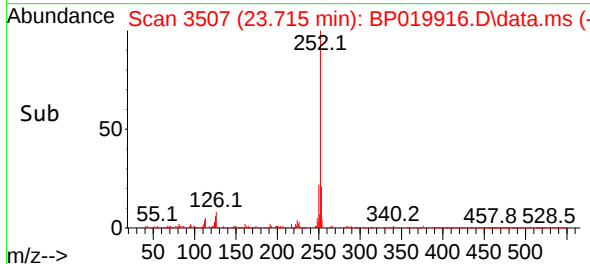
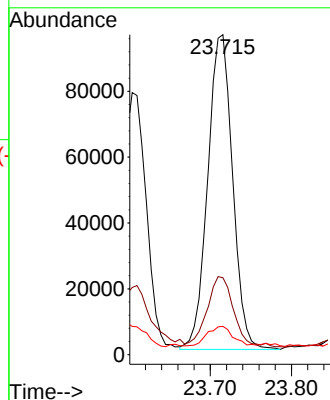
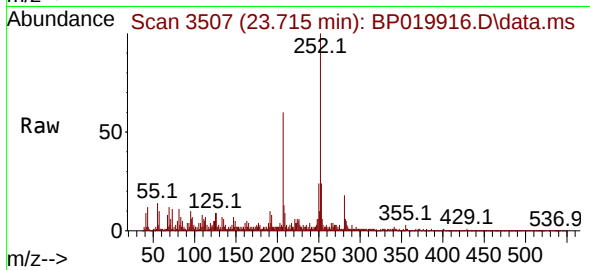
Tgt Ion:252 Resp: 203681

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

125 8.9 5.2 7.8#



#92

Benzo(g,h,i)perylene

Concen: 4.207 ng

RT: 27.139 min Scan# 4089

Delta R.T. -0.018 min

Lab File: BP019916.D

Acq: 28 Feb 2024 14:55

Tgt Ion:276 Resp: 147706

Ion Ratio Lower Upper

276 100

277 25.3 18.5 27.7

138 14.4 10.2 15.2

