

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019821.D
 Acq On : 22 Feb 2024 13:16
 Operator : MA/JU
 Sample : P1549-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 336

Quant Time: Feb 22 13:40:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	75252	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	241445	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	172795	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	412029	20.000	ng	0.00
76) Chrysene-d12	21.380	240	463535	20.000	ng	#-0.01
86) Perylene-d12	23.798	264	525145	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	360511	77.223	ng	0.00
7) Phenol-d6	7.063	99	459452	72.989	ng	0.00
23) Nitrobenzene-d5	9.063	82	321705	57.735	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	299384	118.665	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	690844	49.425	ng	0.00
79) Terphenyl-d14	19.857	244	1356720	48.134	ng	0.00

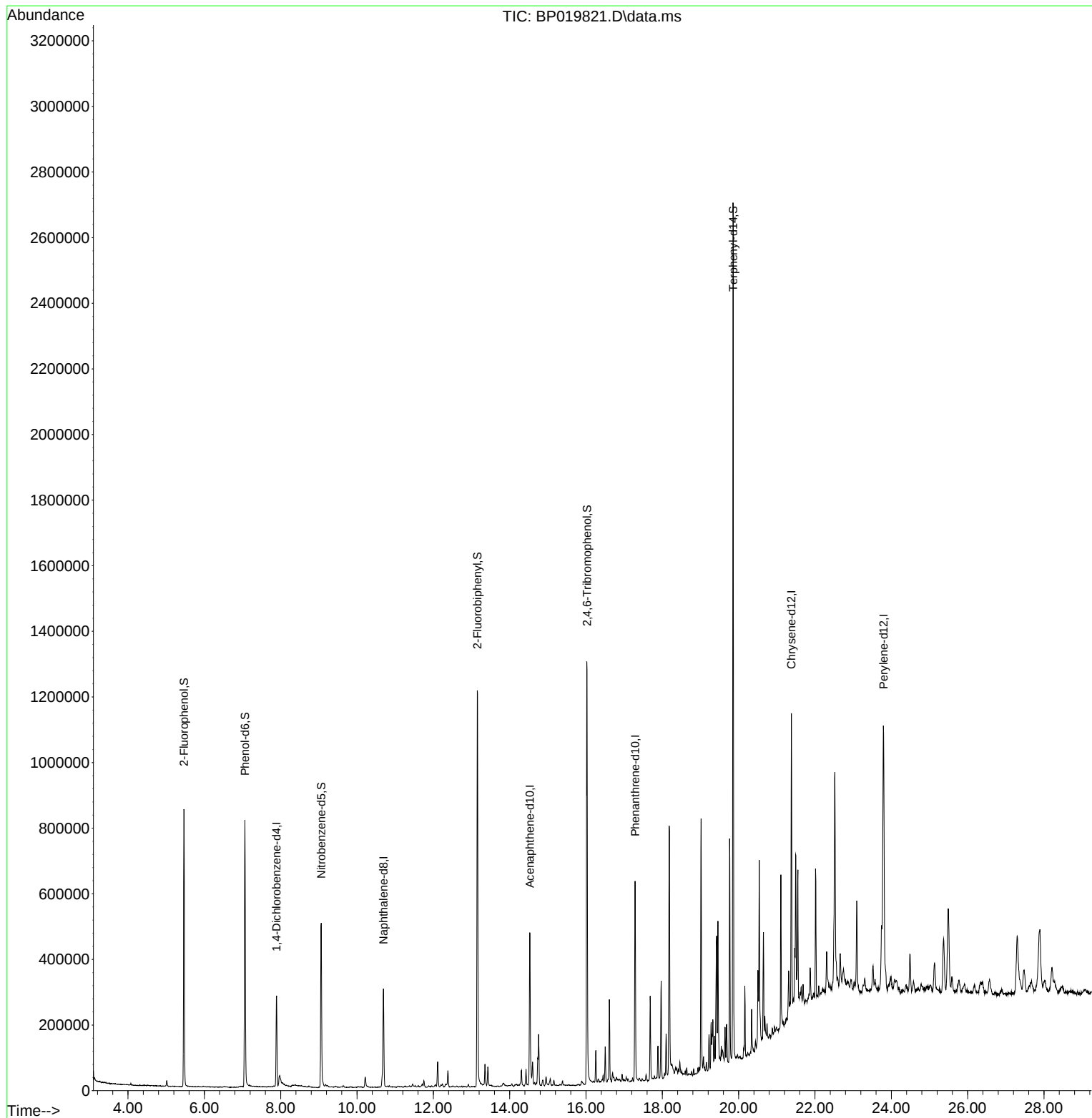
Target Compounds	Qvalue

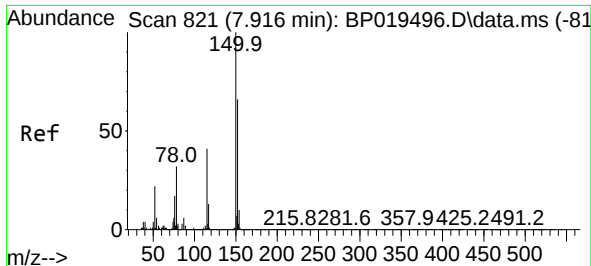
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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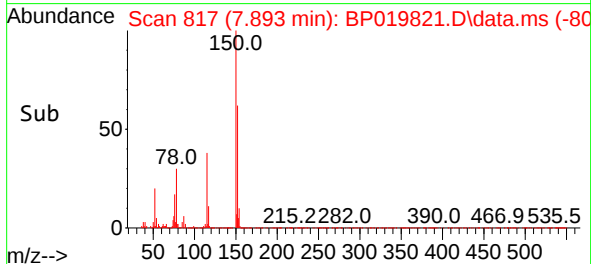
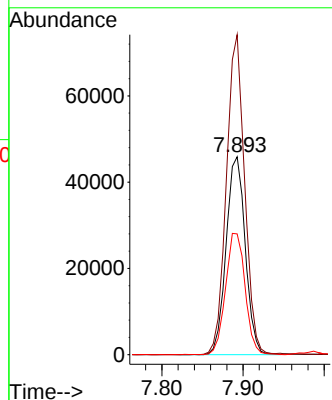
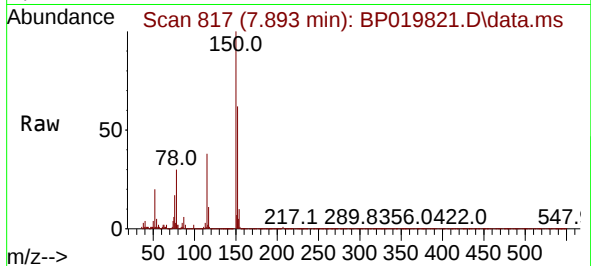




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019821.D
Acq: 22 Feb 2024 13:16

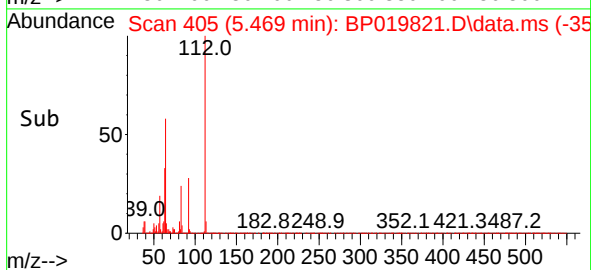
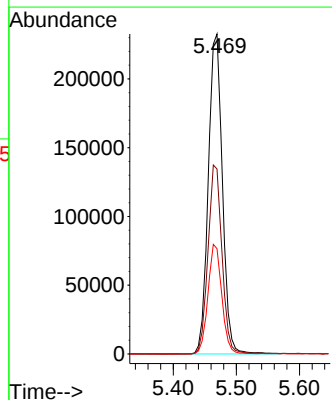
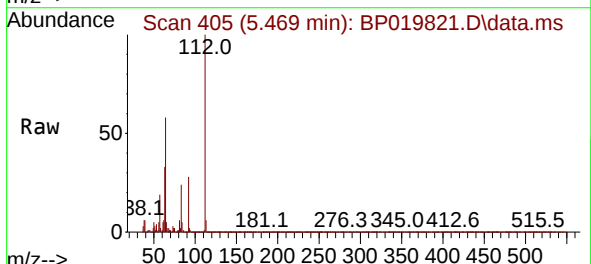
Instrument :
BNA_P
ClientSampleId :
336

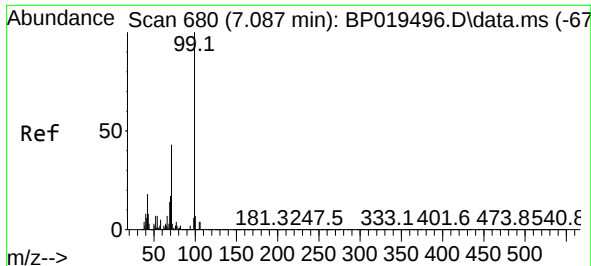
Tgt Ion:152 Resp: 75252
Ion Ratio Lower Upper
152 100
150 161.7 121.8 182.8
115 61.0 49.9 74.9



#5
2-Fluorophenol
Concen: 77.223 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019821.D
Acq: 22 Feb 2024 13:16

Tgt Ion:112 Resp: 360511
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 32.9 27.0 40.6

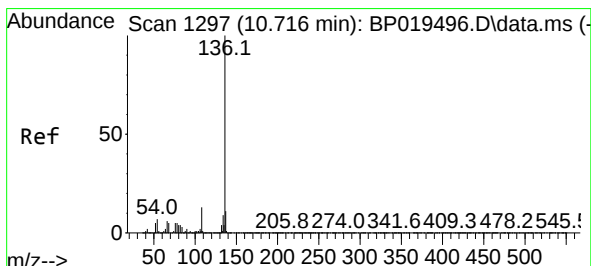
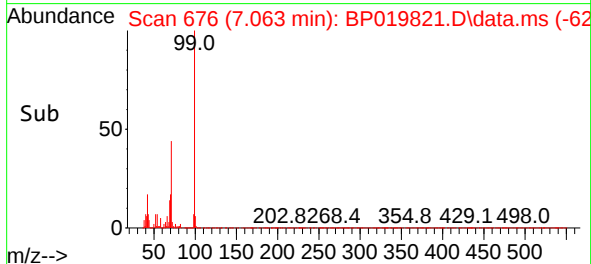
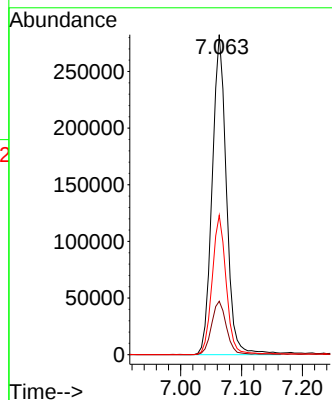
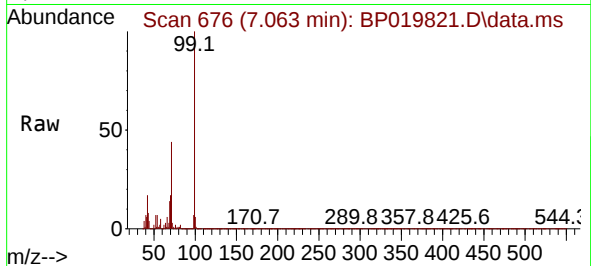




#7
Phenol-d6
Concen: 72.989 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019821.D
Acq: 22 Feb 2024 13:16

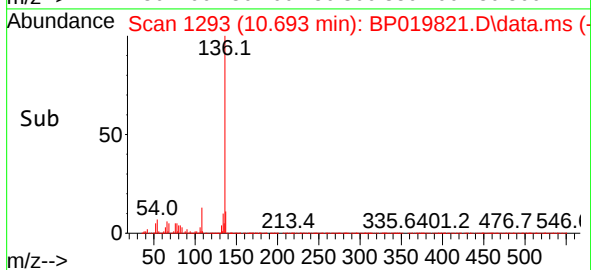
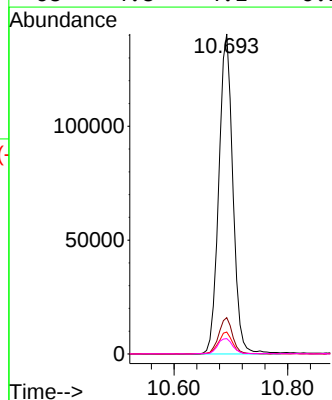
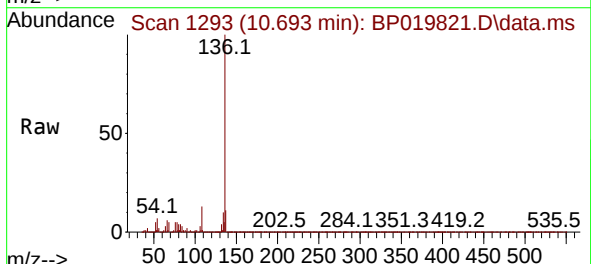
Instrument :
BNA_P
ClientSampleId :
336

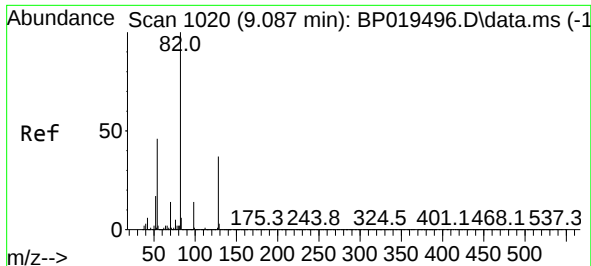
Tgt Ion: 99 Resp: 459452
Ion Ratio Lower Upper
99 100
42 16.7 14.7 22.1
71 43.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019821.D
Acq: 22 Feb 2024 13:16

Tgt Ion: 136 Resp: 241445
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.8 5.3 7.9
68 4.8 4.1 6.1

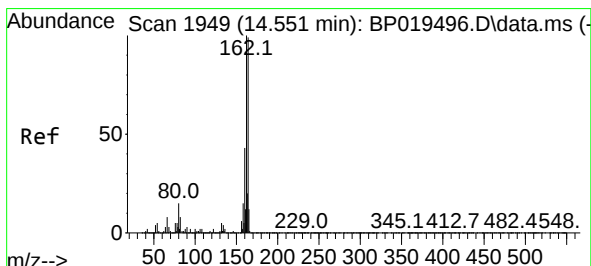
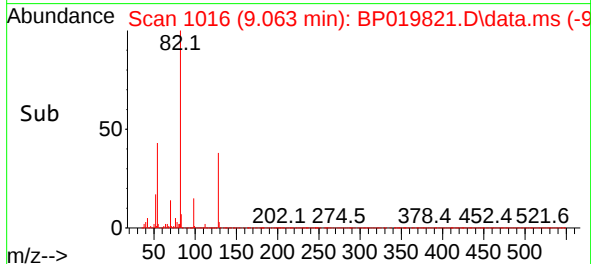
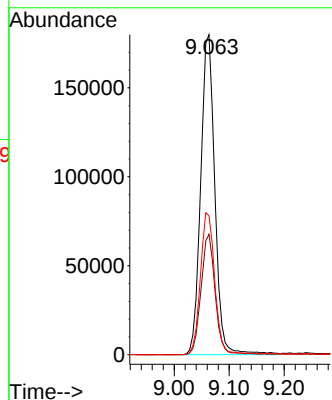
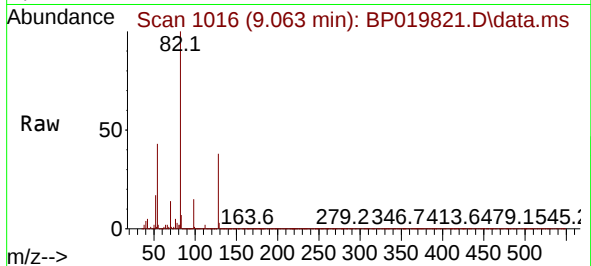




#23
Nitrobenzene-d5
Concen: 57.735 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019821.D
Acq: 22 Feb 2024 13:16

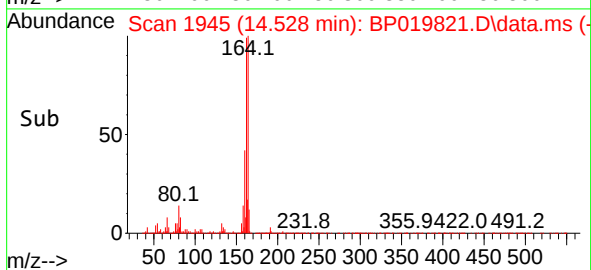
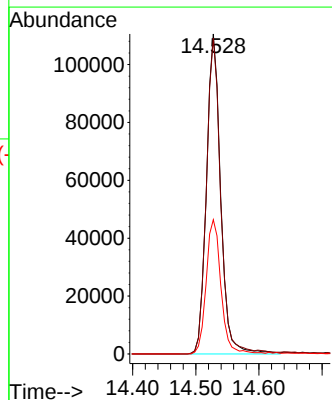
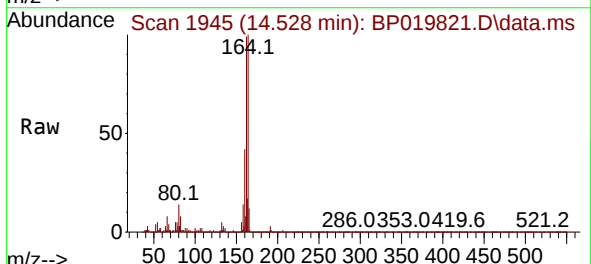
Instrument :
BNA_P
ClientSampleId :
336

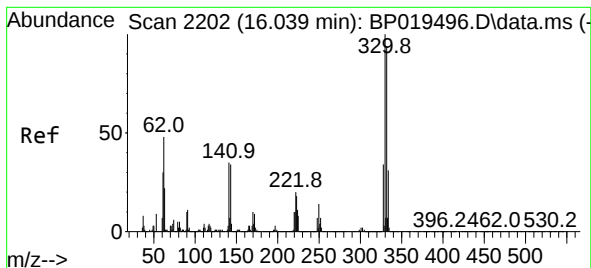
Tgt Ion: 82 Resp: 321705
Ion Ratio Lower Upper
82 100
128 37.6 29.7 44.5
54 43.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019821.D
Acq: 22 Feb 2024 13:16

Tgt Ion: 164 Resp: 172795
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 41.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 118.665 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019821.D

Acq: 22 Feb 2024 13:16

Instrument :

BNA_P

ClientSampleId :

336

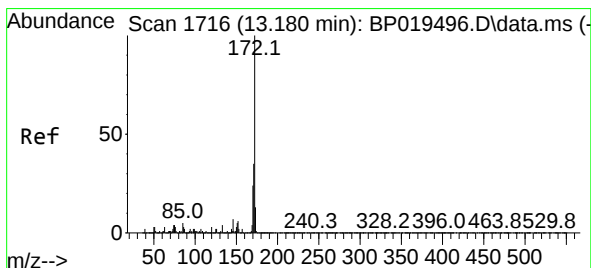
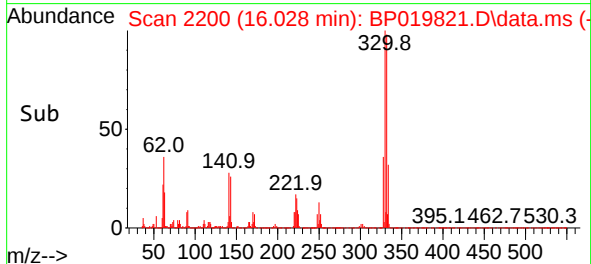
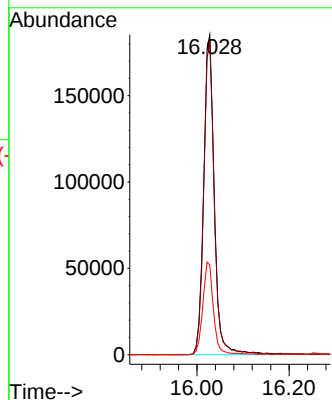
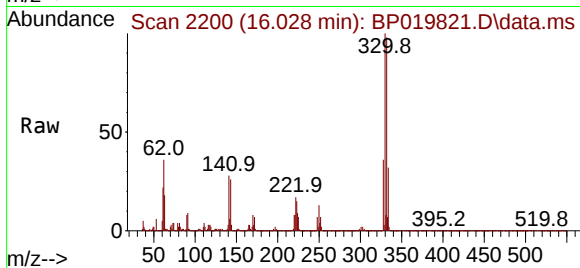
Tgt Ion:330 Resp: 299384

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 29.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 49.425 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019821.D

Acq: 22 Feb 2024 13:16

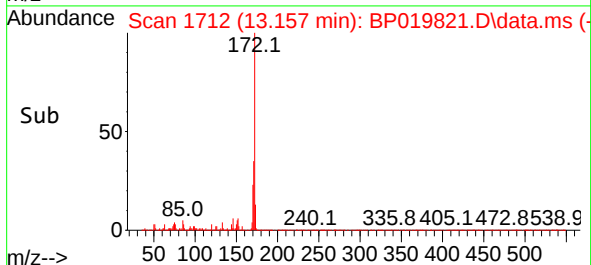
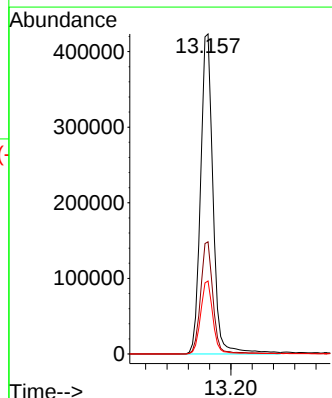
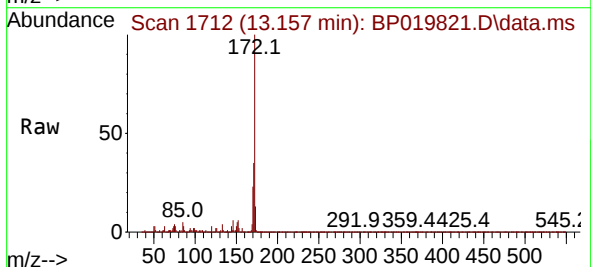
Tgt Ion:172 Resp: 690844

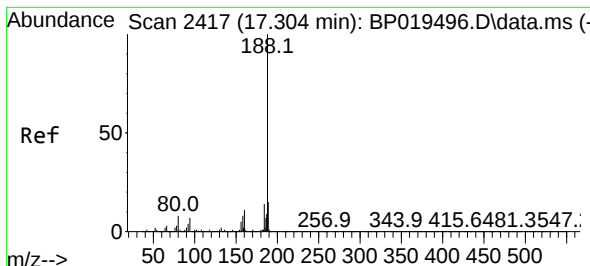
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019821.D

Acq: 22 Feb 2024 13:16

Instrument :

BNA_P

ClientSampleId :

336

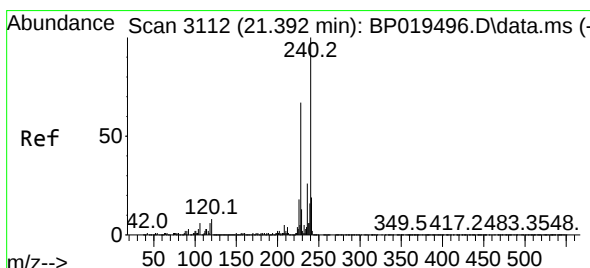
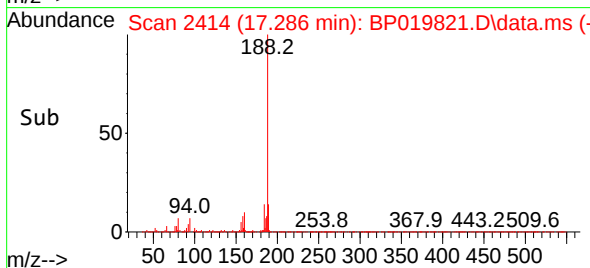
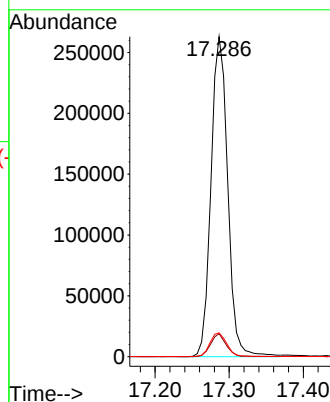
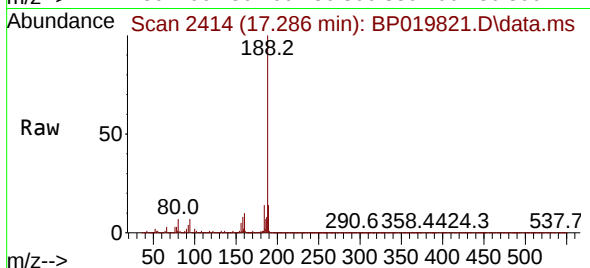
Tgt Ion:188 Resp: 412029

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.4 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019821.D

Acq: 22 Feb 2024 13:16

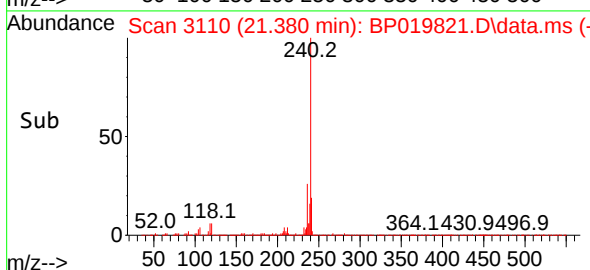
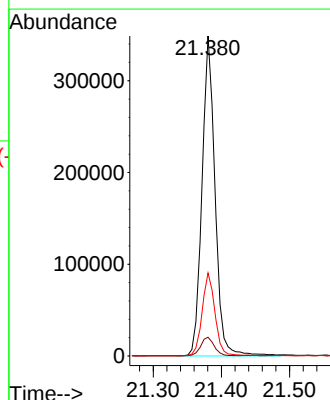
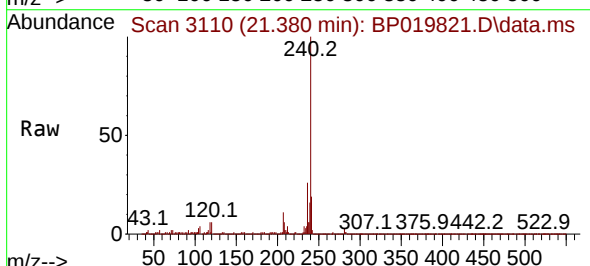
Tgt Ion:240 Resp: 463535

Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 48.134 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019821.D

Acq: 22 Feb 2024 13:16

Instrument :

BNA_P

ClientSampleId :

336

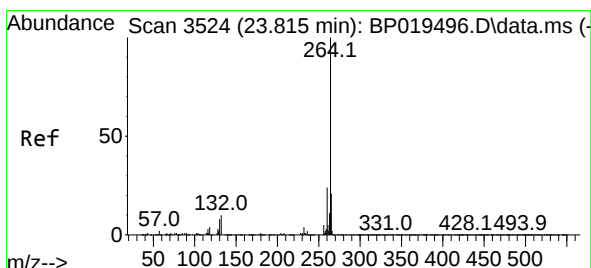
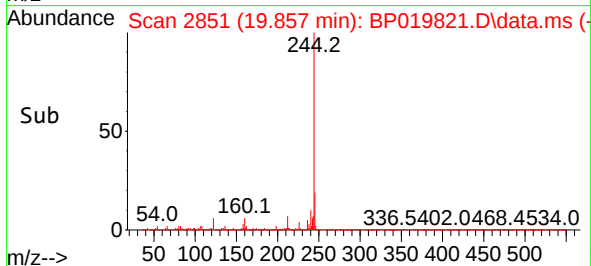
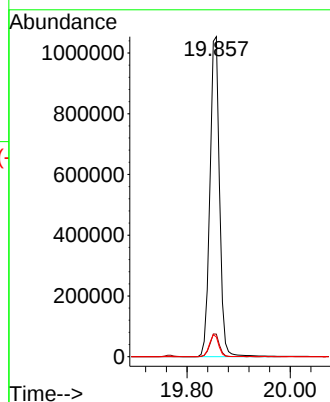
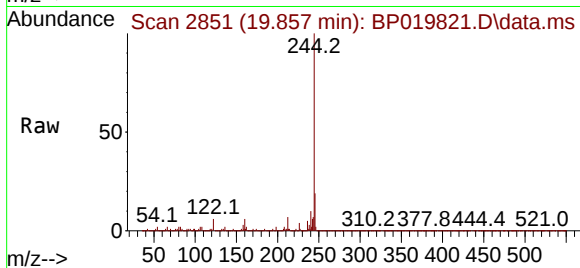
Tgt Ion:244 Resp: 1356720

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.2 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019821.D

Acq: 22 Feb 2024 13:16

Tgt Ion:264 Resp: 525145

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.9 17.0 25.4

