

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019699.D
 Acq On : 14 Feb 2024 13:49
 Operator : MA/JU
 Sample : P1394-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1(4-5)

Quant Time: Feb 14 14:29:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	53085	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	188277	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	120754	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	290713	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	330799	20.000	ng	0.00
86) Perylene-d12	23.804	264	405067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	273197	82.956	ng	-0.01
7) Phenol-d6	7.075	99	341836	76.981	ng	-0.01
23) Nitrobenzene-d5	9.069	82	242148	55.730	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	197952	112.275	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	538300	55.109	ng	-0.02
79) Terphenyl-d14	19.863	244	1077353	53.560	ng	0.00

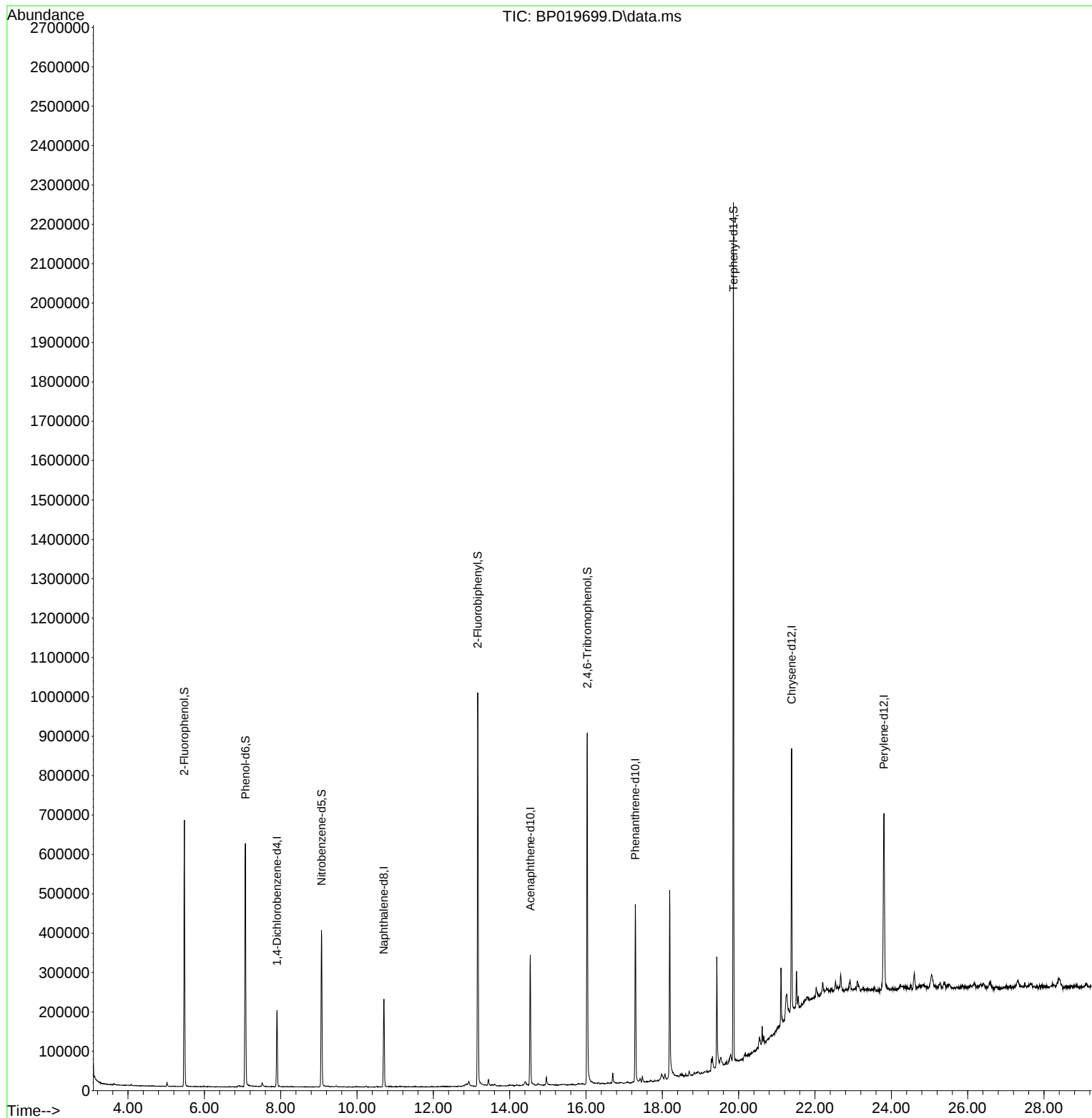
Target Compounds	Qvalue

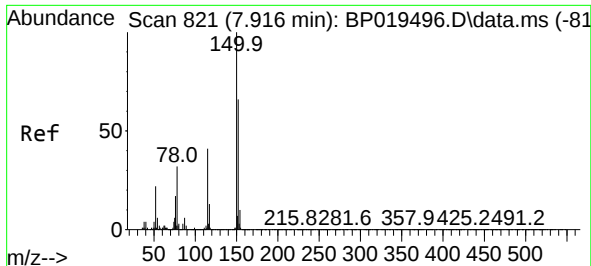
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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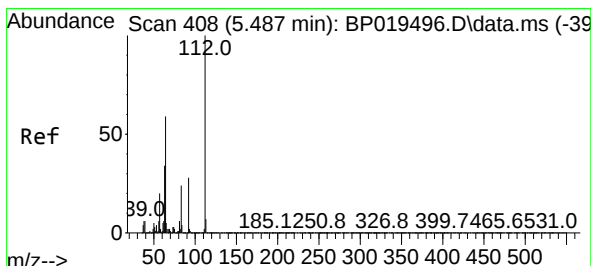
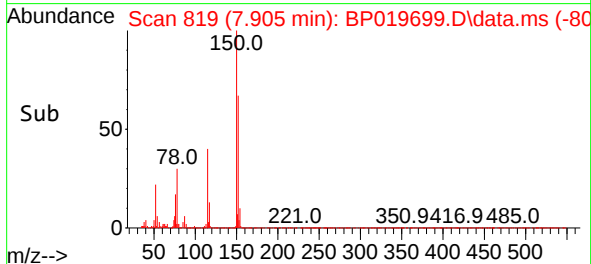
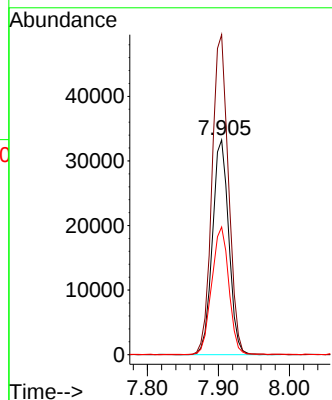
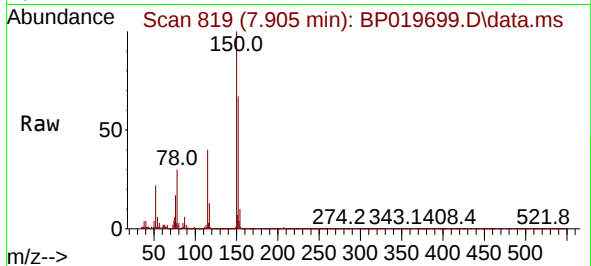




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019699.D
Acq: 14 Feb 2024 13:49

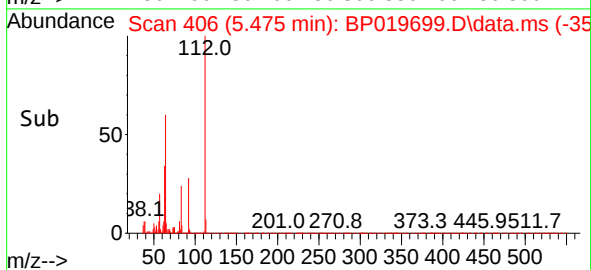
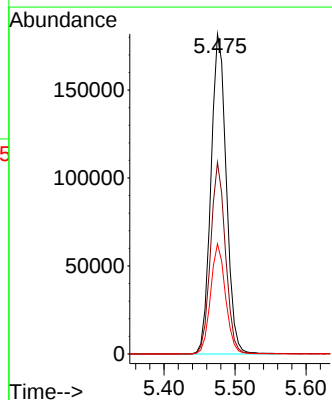
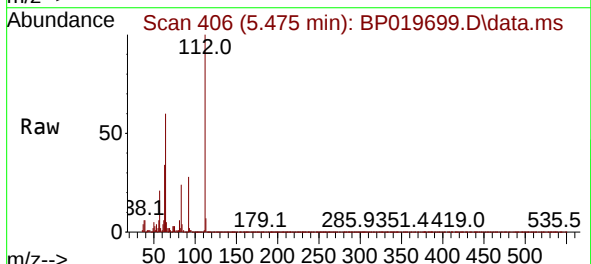
Instrument :
BNA_P
ClientSampleId :
SB-1(4-5)

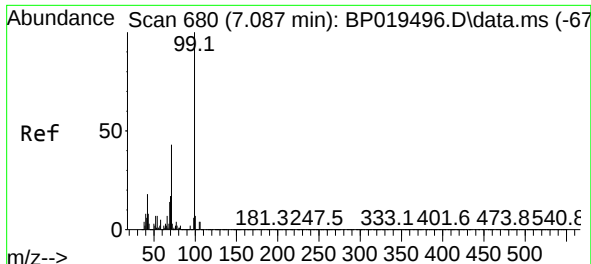
Tgt Ion:152 Resp: 53085
Ion Ratio Lower Upper
152 100
150 149.1 121.8 182.8
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 82.956 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019699.D
Acq: 14 Feb 2024 13:49

Tgt Ion:112 Resp: 273197
Ion Ratio Lower Upper
112 100
64 59.9 47.4 71.0
63 34.4 27.0 40.6

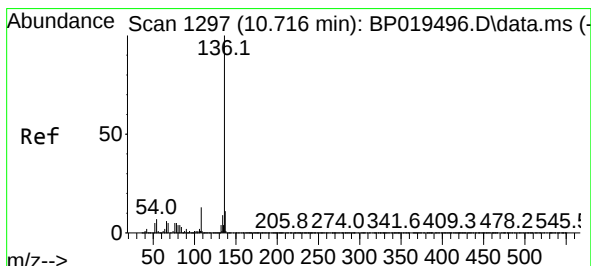
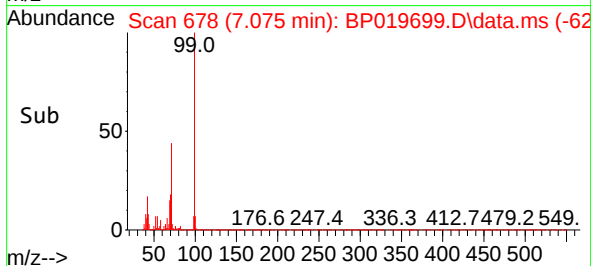
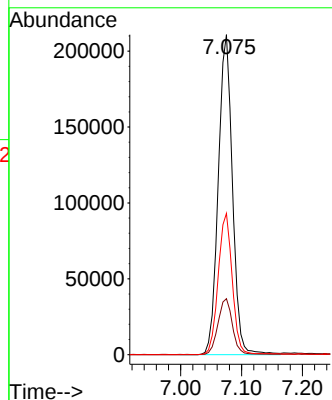
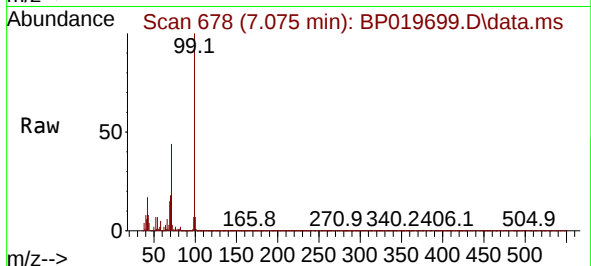




#7
Phenol-d6
Concen: 76.981 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019699.D
Acq: 14 Feb 2024 13:49

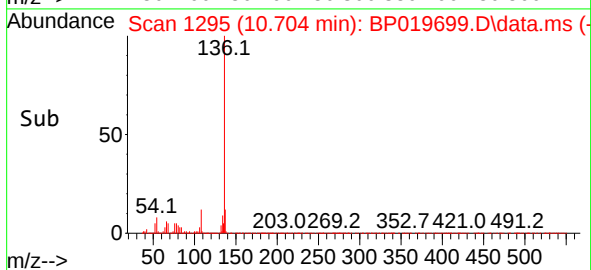
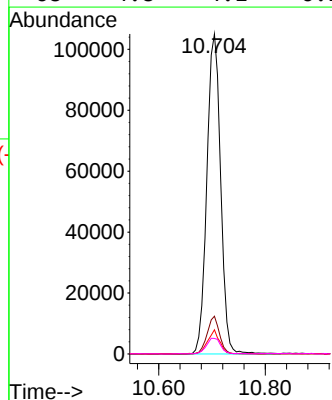
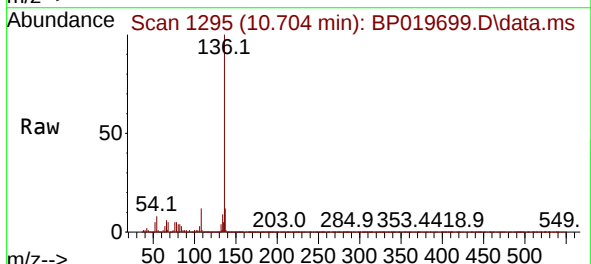
Instrument :
BNA_P
ClientSampleId :
SB-1(4-5)

Tgt Ion: 99 Resp: 341836
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 44.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019699.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 136 Resp: 188277
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 7.6 5.3 7.9
68 4.8 4.1 6.1

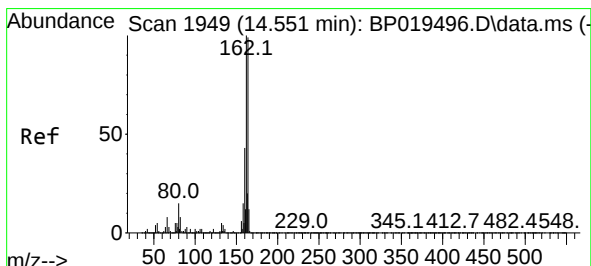
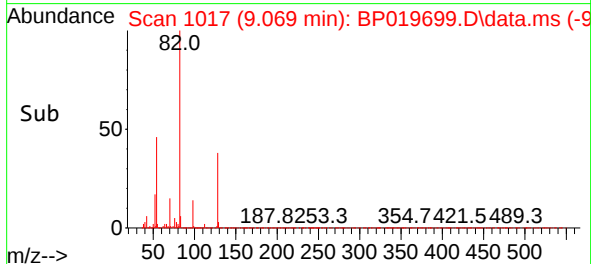
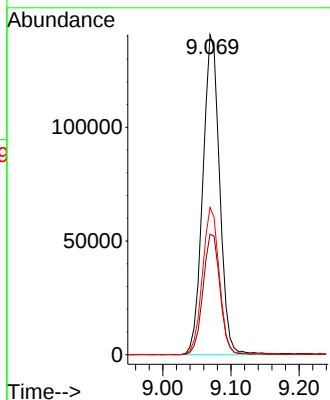
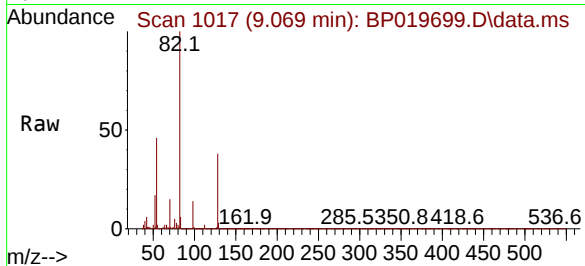




#23
Nitrobenzene-d5
Concen: 55.730 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019699.D
Acq: 14 Feb 2024 13:49

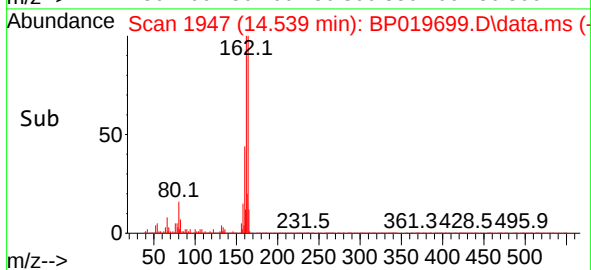
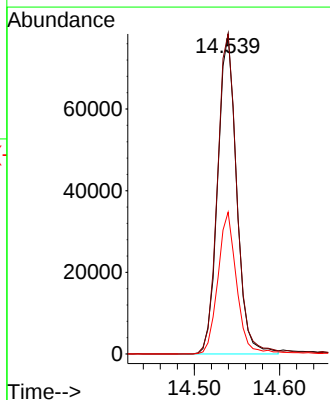
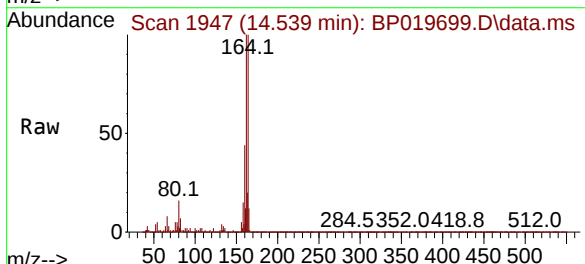
Instrument :
BNA_P
ClientSampleId :
SB-1(4-5)

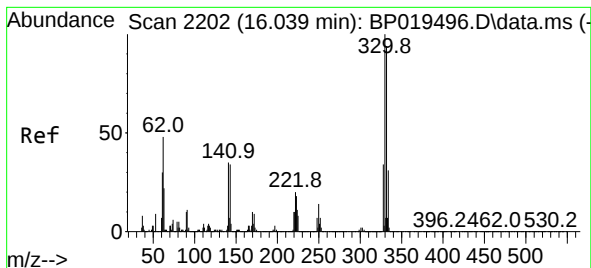
Tgt Ion: 82 Resp: 242148
Ion Ratio Lower Upper
82 100
128 37.6 29.7 44.5
54 46.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019699.D
Acq: 14 Feb 2024 13:49

Tgt Ion:164 Resp: 120754
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 112.275 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019699.D

Acq: 14 Feb 2024 13:49

Instrument :

BNA_P

ClientSampleId :

SB-1(4-5)

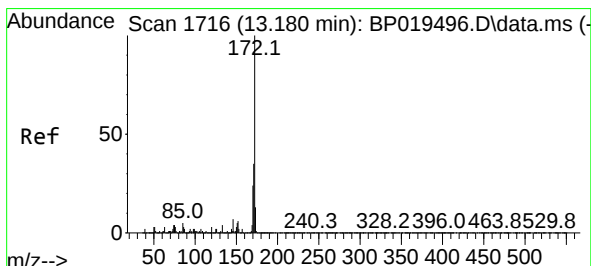
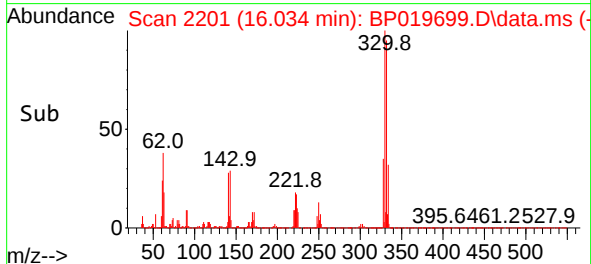
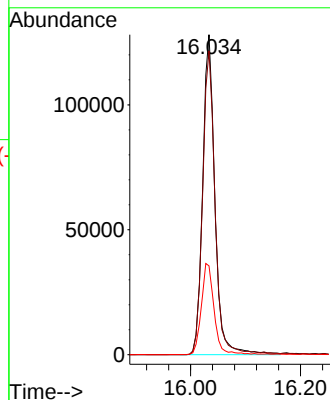
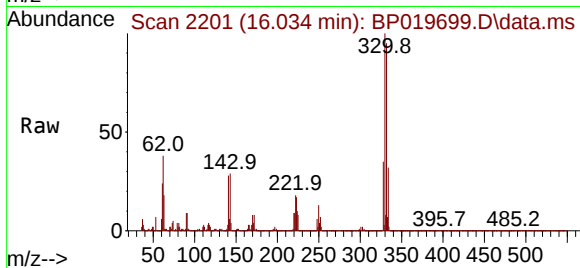
Tgt Ion:330 Resp: 197952

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

141 29.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 55.109 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019699.D

Acq: 14 Feb 2024 13:49

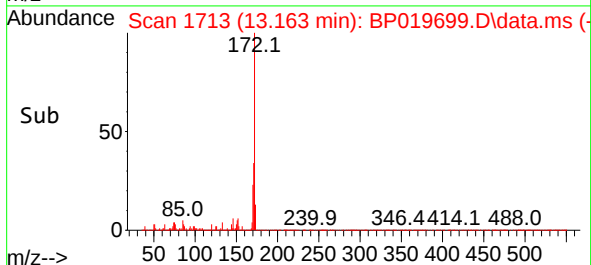
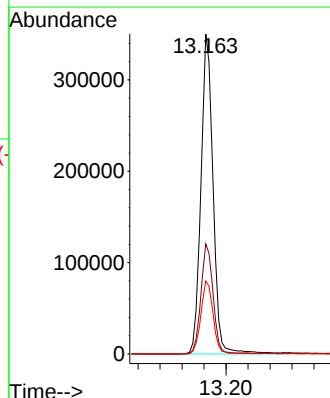
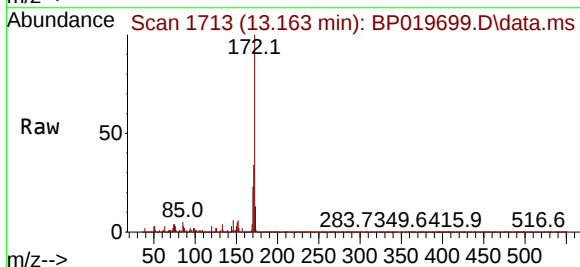
Tgt Ion:172 Resp: 538300

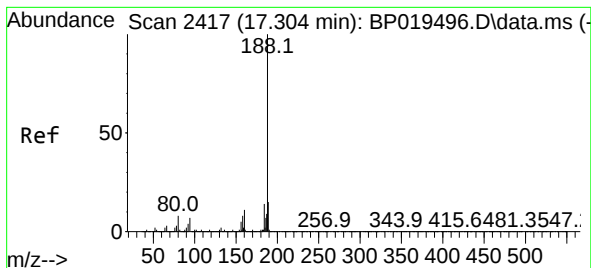
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019699.D

Acq: 14 Feb 2024 13:49

Instrument :

BNA_P

ClientSampleId :

SB-1(4-5)

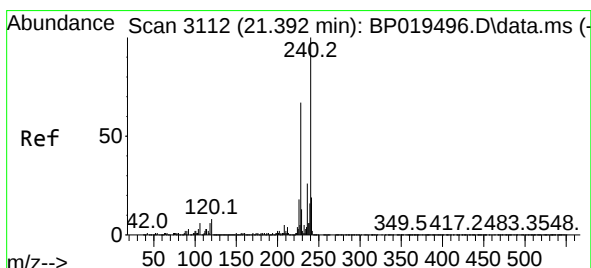
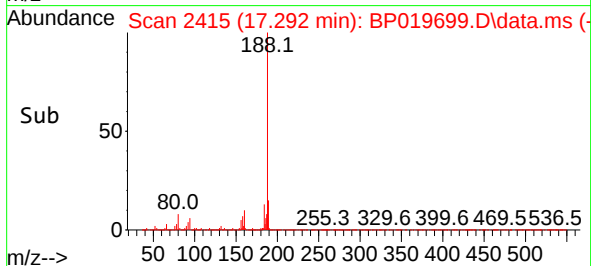
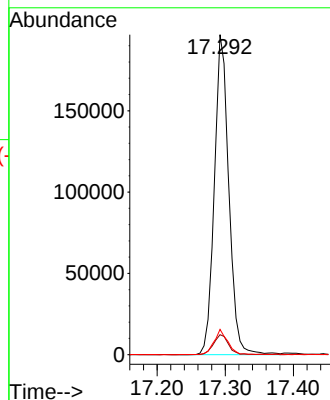
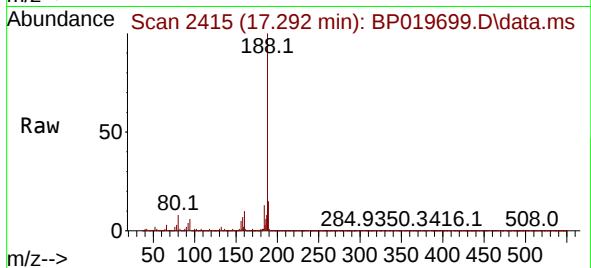
Tgt Ion:188 Resp: 290713

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.9 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019699.D

Acq: 14 Feb 2024 13:49

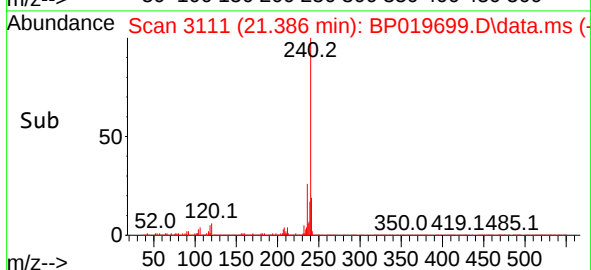
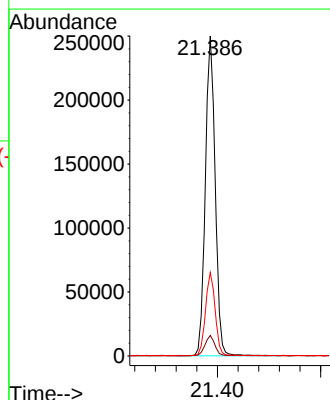
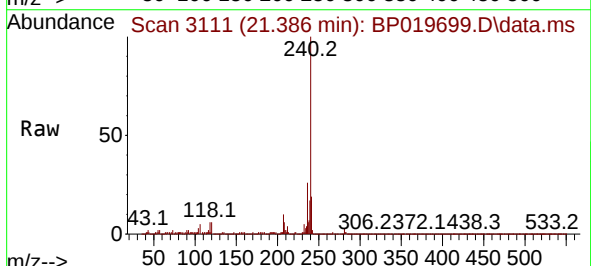
Tgt Ion:240 Resp: 330799

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 26.1 20.7 31.1



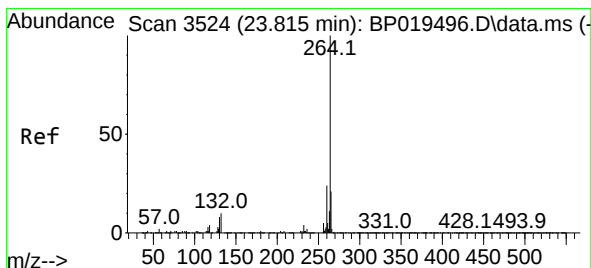
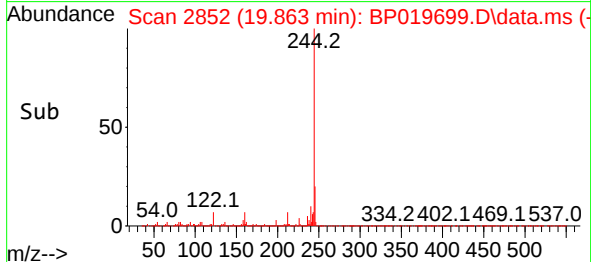
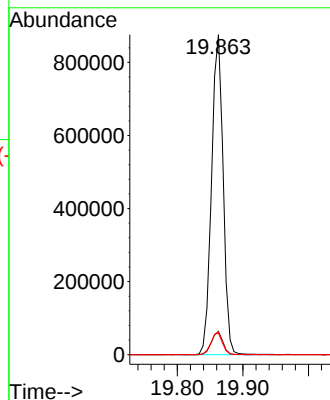
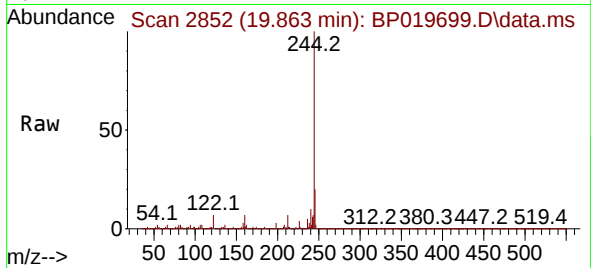


#79
 Terphenyl-d14
 Concen: 53.560 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019699.D
 Acq: 14 Feb 2024 13:49

Instrument :
 BNA_P
 ClientSampleId :
 SB-1(4-5)

Tgt Ion:244 Resp: 1077353

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.7	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP019699.D
 Acq: 14 Feb 2024 13:49

Tgt Ion:264 Resp: 405067

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	17.0	25.4

