

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019818.D
 Acq On : 22 Feb 2024 11:20
 Operator : MA/JU
 Sample : PB159185BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159185BL

Quant Time: Feb 22 11:45:18 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	68638	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	242129	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	153009	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	368792	20.000	ng	0.00
76) Chrysene-d12	21.380	240	398587	20.000	ng	-0.01
86) Perylene-d12	23.798	264	456344	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	505209	118.645	ng	0.00
7) Phenol-d6	7.063	99	610573	106.343	ng	0.00
23) Nitrobenzene-d5	9.063	82	429340	76.835	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	348006	155.774	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	970944	78.447	ng	0.00
79) Terphenyl-d14	19.851	244	2025076	83.553	ng	-0.01

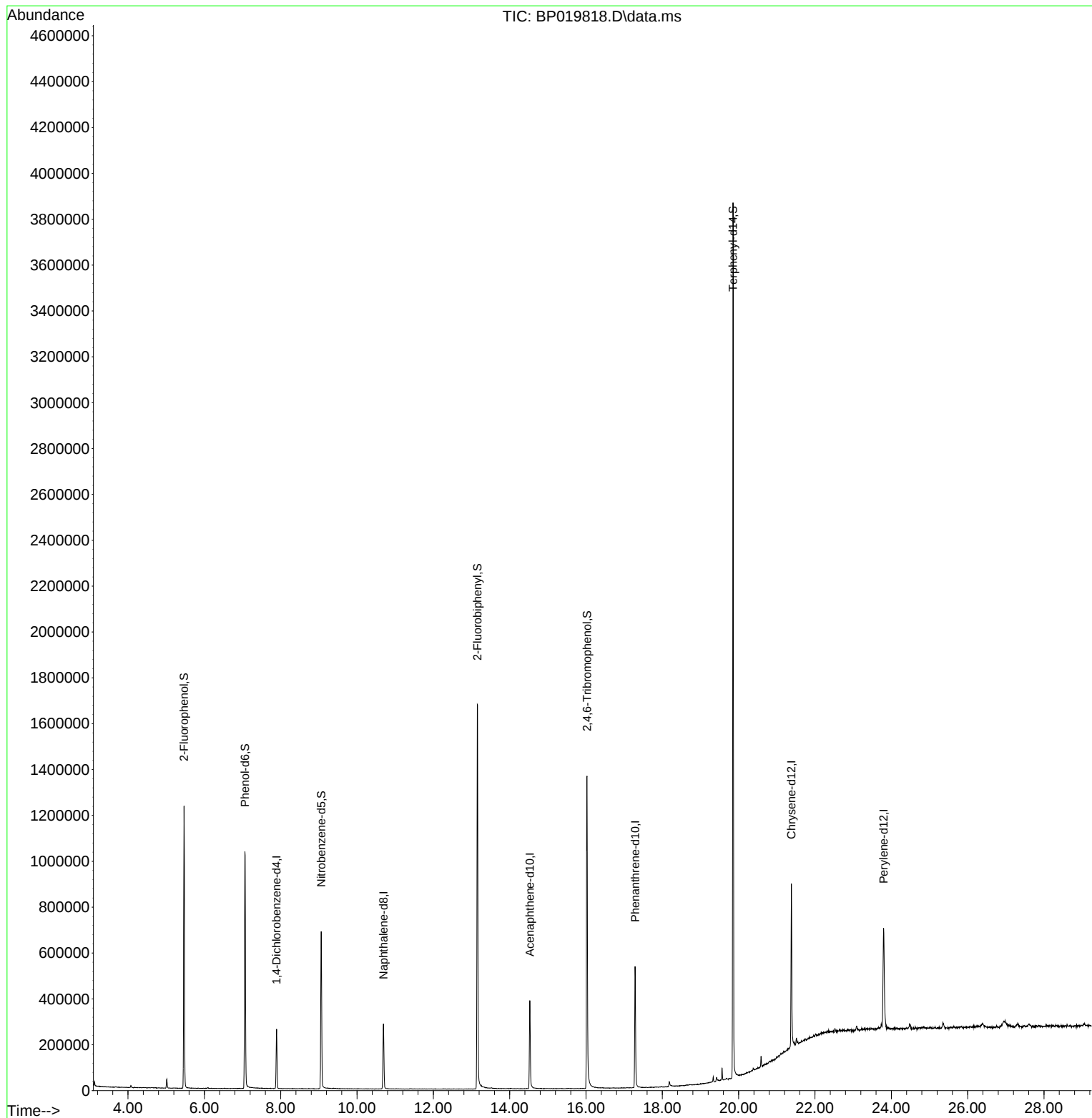
Target Compounds	Qvalue

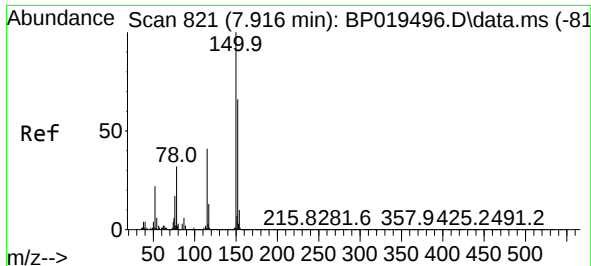
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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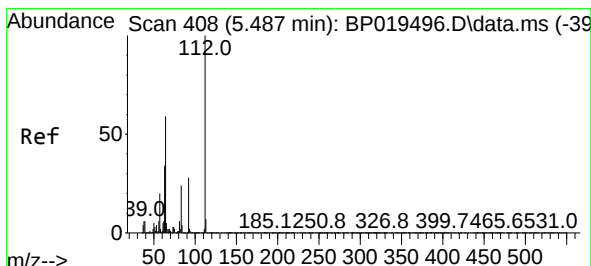
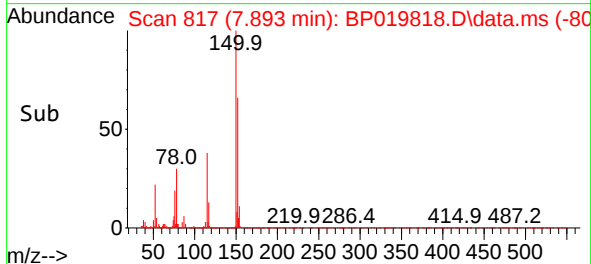
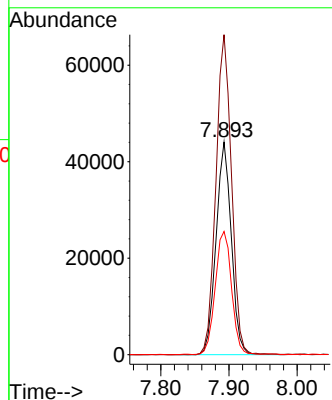
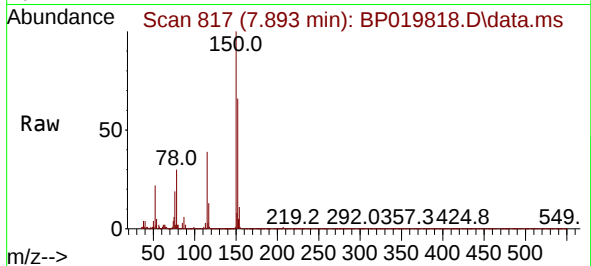




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

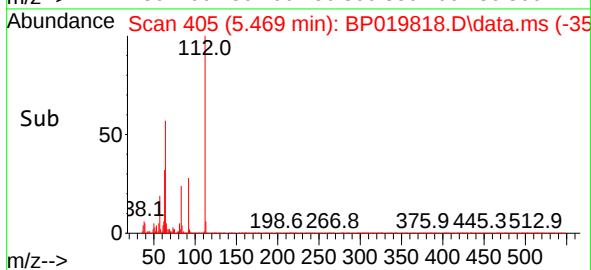
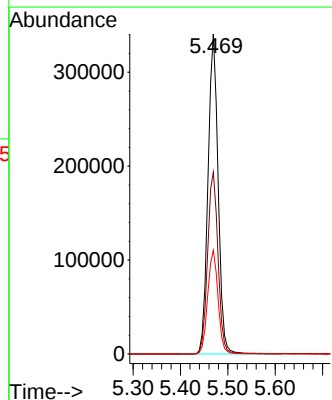
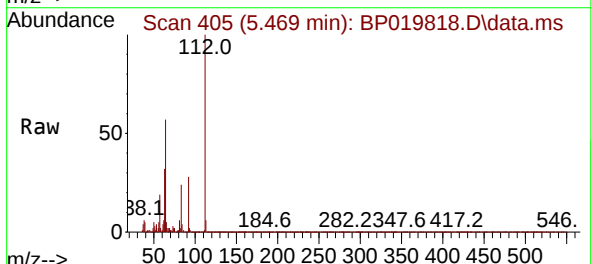
Instrument :
BNA_P
ClientSampleId :
PB159185BL

Tgt Ion:152 Resp: 68638
Ion Ratio Lower Upper
152 100
150 150.4 121.8 182.8
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.645 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

Tgt Ion:112 Resp: 505209
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.0
63 32.4 27.0 40.6

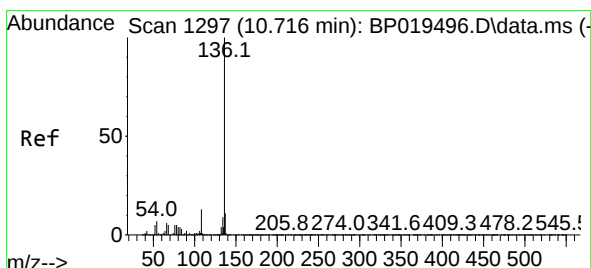
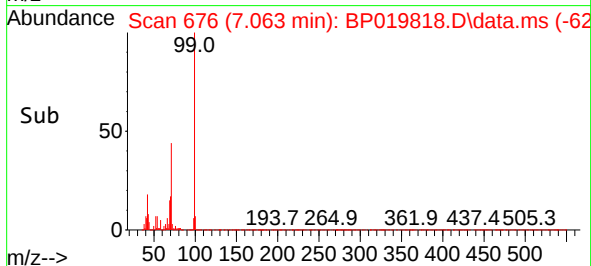
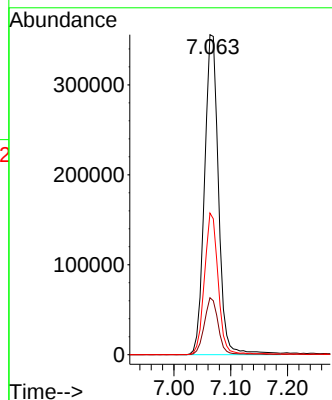
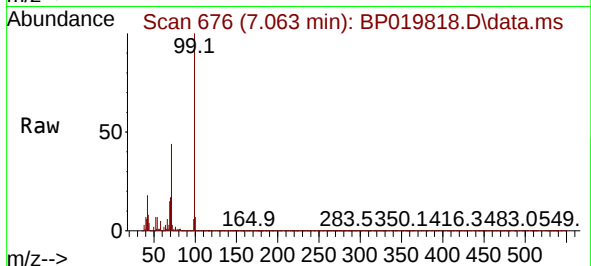




#7
Phenol-d6
Concen: 106.343 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

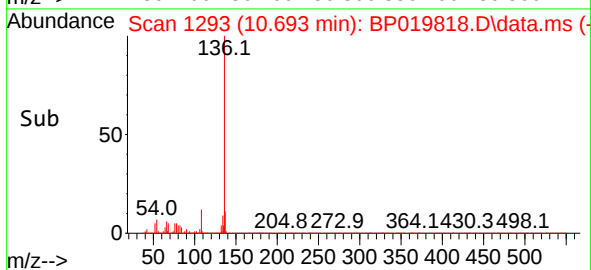
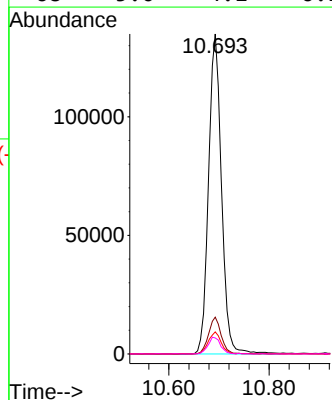
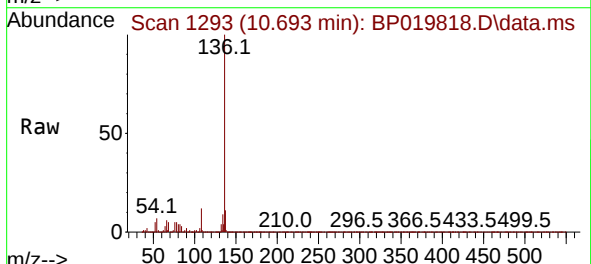
Instrument :
BNA_P
ClientSampleId :
PB159185BL

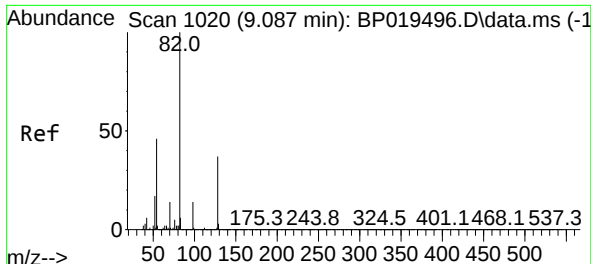
Tgt Ion: 99 Resp: 610573
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 44.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

Tgt Ion: 136 Resp: 242129
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.9 5.3 7.9
68 5.0 4.1 6.1

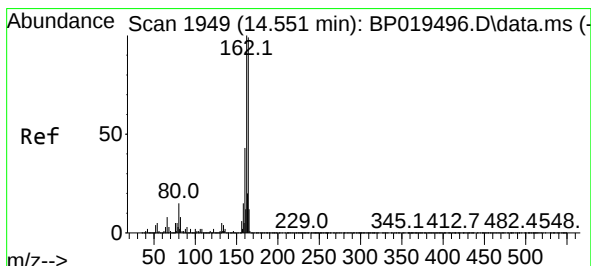
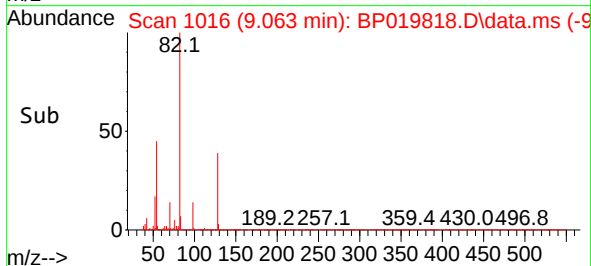
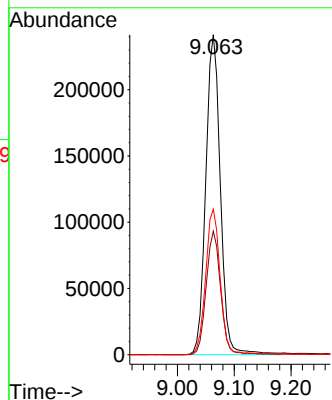
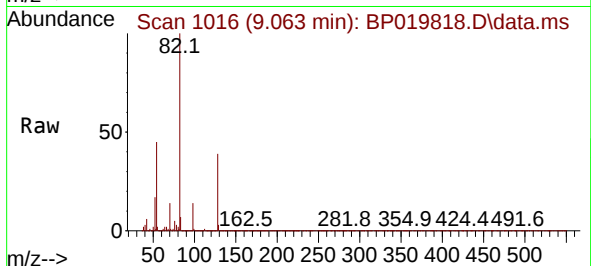




#23
Nitrobenzene-d5
Concen: 76.835 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

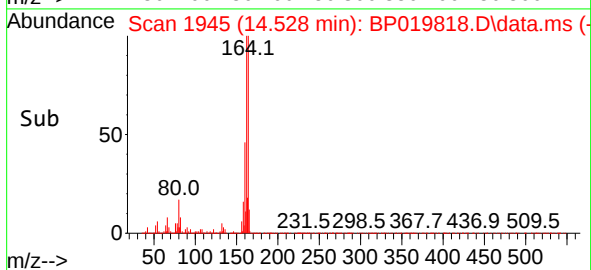
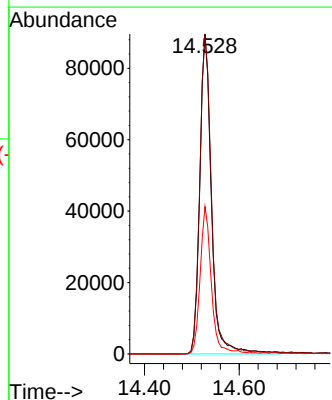
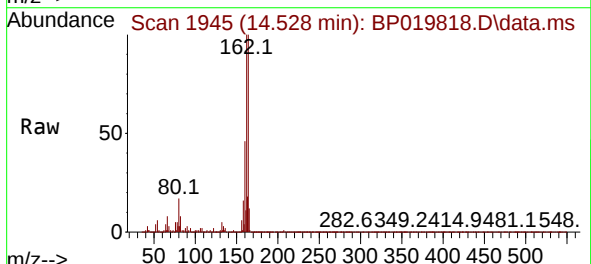
Instrument :
BNA_P
ClientSampleId :
PB159185BL

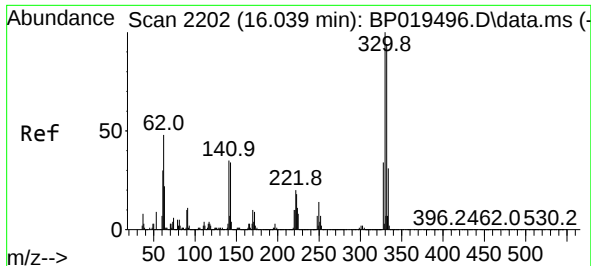
Tgt Ion: 82 Resp: 429340
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 45.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

Tgt Ion: 164 Resp: 153009
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 46.2 35.1 52.7

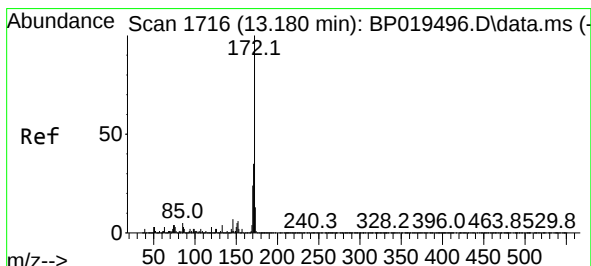
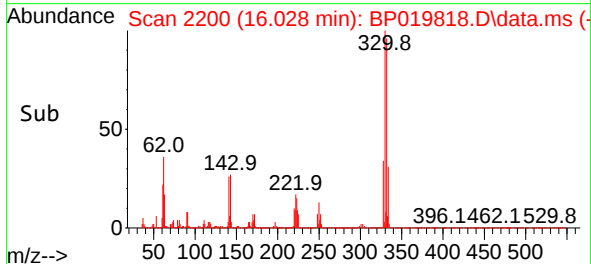
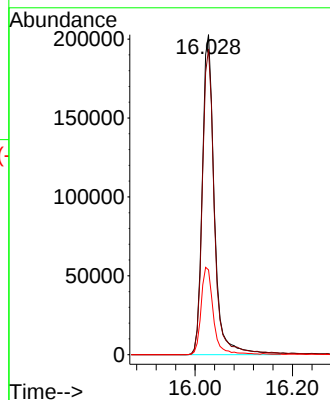
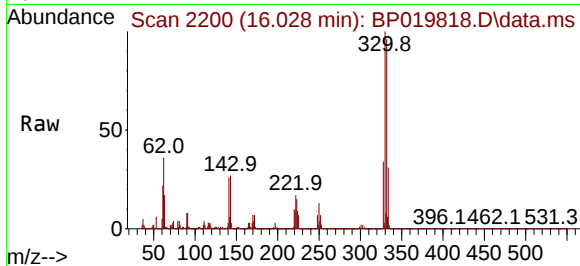




#42
2,4,6-Tribromophenol
Concen: 155.774 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

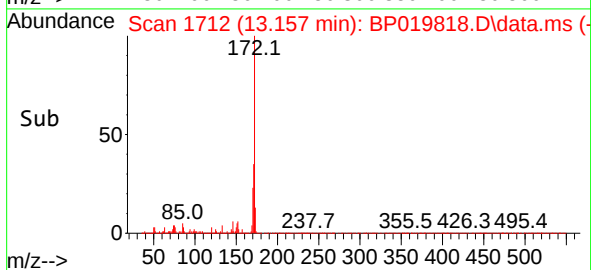
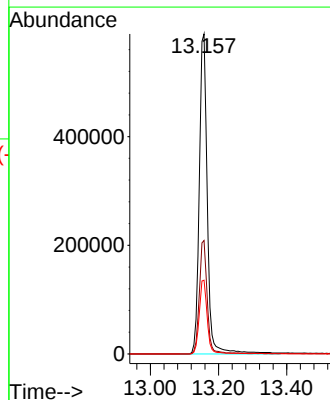
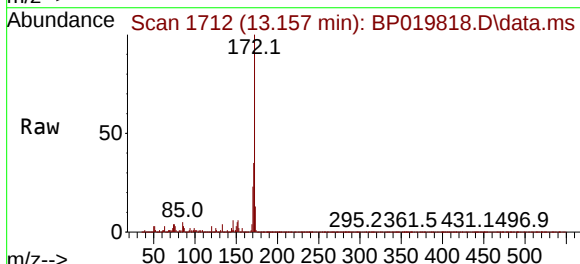
Instrument :
BNA_P
ClientSampleId :
PB159185BL

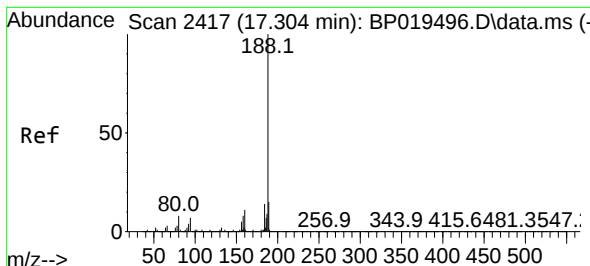
Tgt Ion:330 Resp: 348006
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 28.0 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 78.447 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019818.D
Acq: 22 Feb 2024 11:20

Tgt Ion:172 Resp: 970944
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.0 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: BP019818.D

Acq: 22 Feb 2024 11:20

Instrument :

BNA_P

ClientSampleId :

PB159185BL

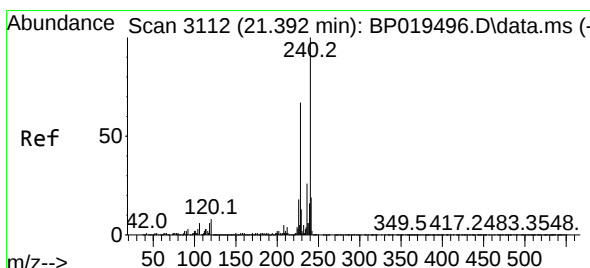
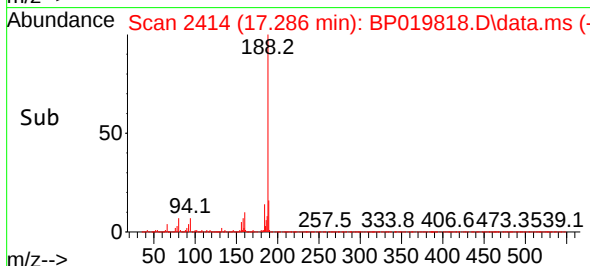
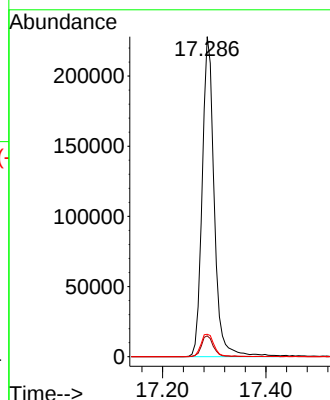
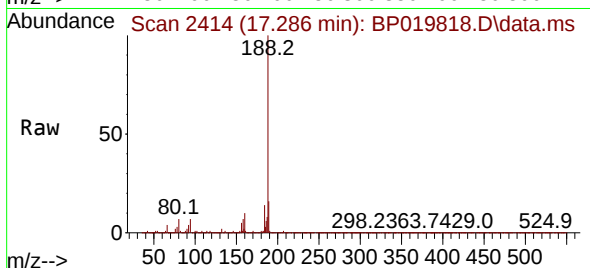
Tgt Ion:188 Resp: 368792

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.0 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: BP019818.D

Acq: 22 Feb 2024 11:20

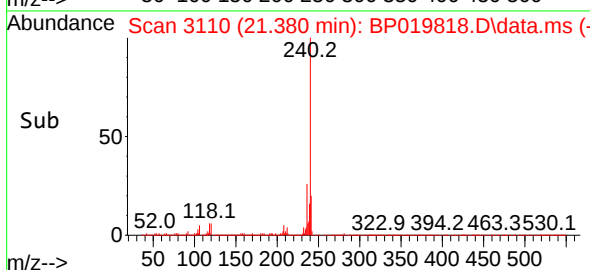
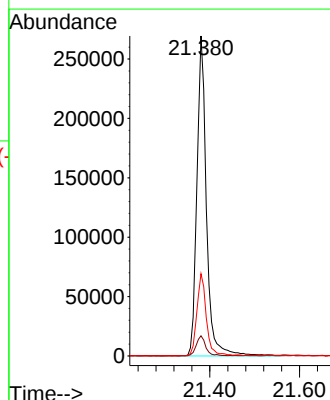
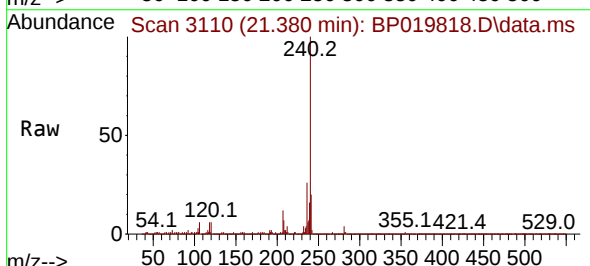
Tgt Ion:240 Resp: 398587

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 83.553 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019818.D

Acq: 22 Feb 2024 11:20

Instrument :

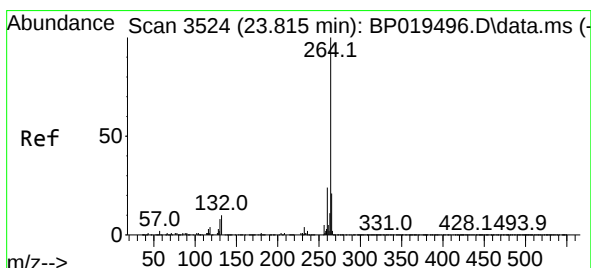
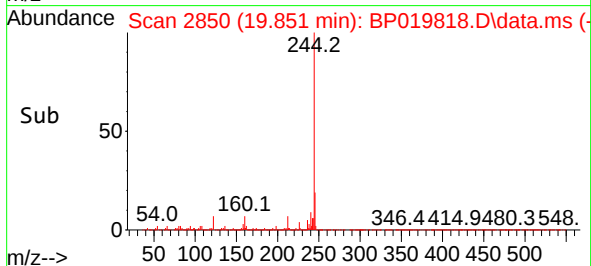
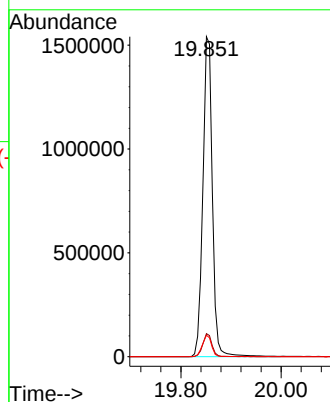
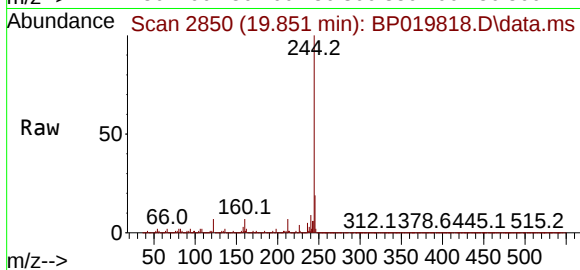
BNA_P

ClientSampleId :

PB159185BL

Tgt Ion:244 Resp: 2025076

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.7	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: BP019818.D

Acq: 22 Feb 2024 11:20

Tgt Ion:264 Resp: 456344

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.2	17.0	25.4

