

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019585.D
 Acq On : 07 Feb 2024 10:03
 Operator : MA/JU
 Sample : PB158806TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158806TB

Quant Time: Feb 07 10:36:57 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	7.910	152	88528	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	315253	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	184005	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	343321	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	328193	20.000	ng	-0.01
86) Perylene-d12	23.798	264	444525	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	708995	129.094	ng	0.00
7) Phenol-d6	7.081	99	890436	120.243	ng	0.00
23) Nitrobenzene-d5	9.075	82	612910	84.244	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	315928	117.594	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1315029	88.350	ng	-0.01
79) Terphenyl-d14	19.863	244	1546037	77.470	ng	0.00

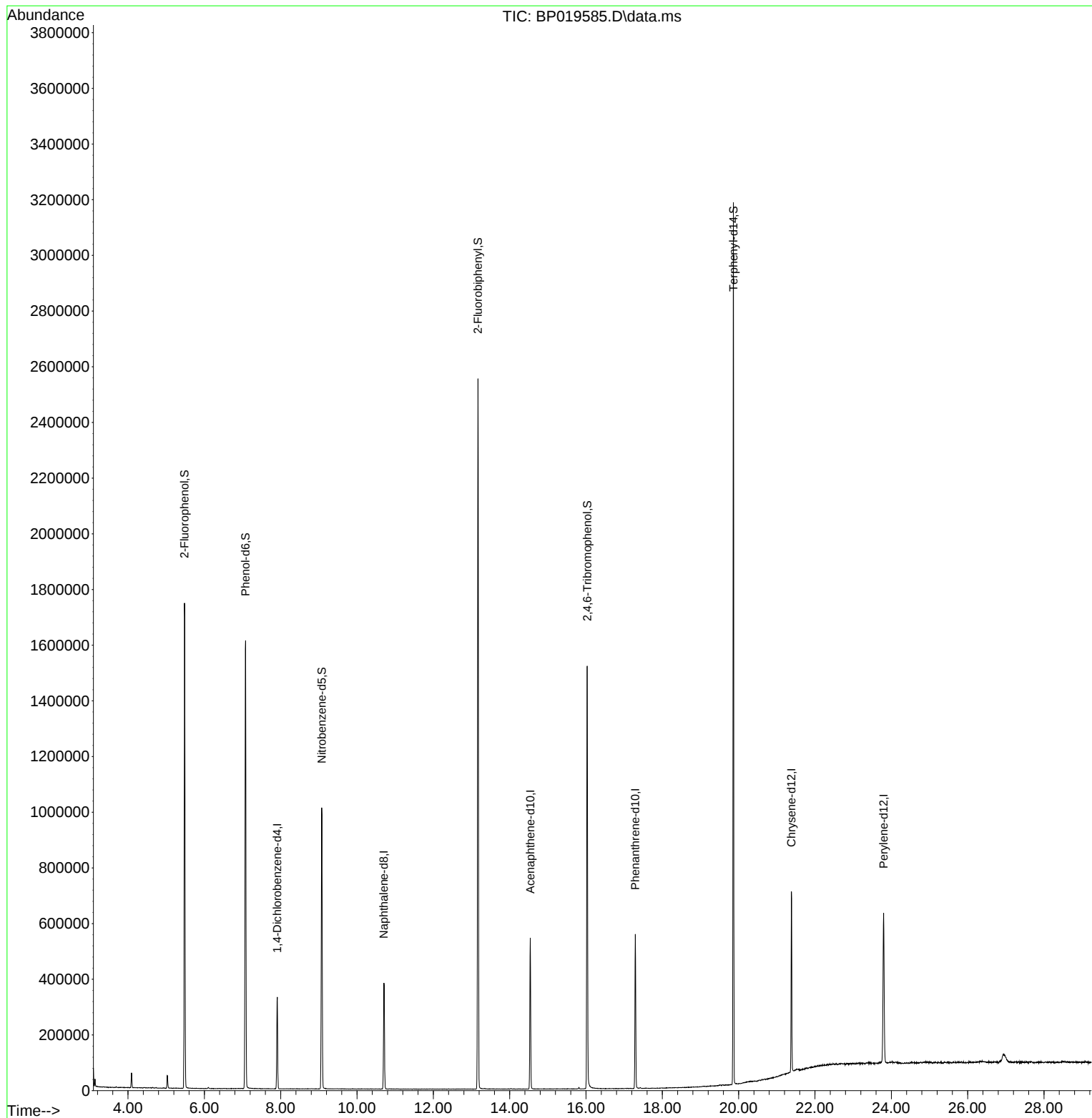
Target Compounds	Qvalue

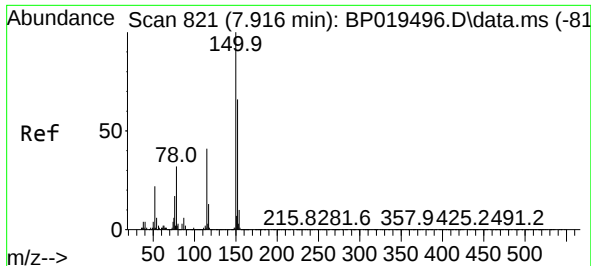
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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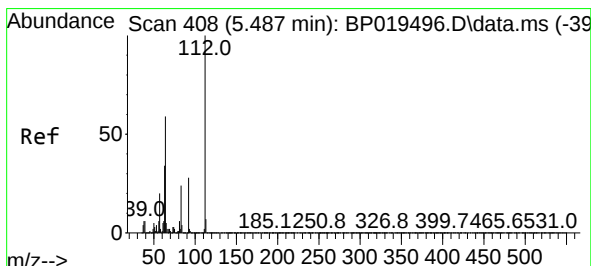
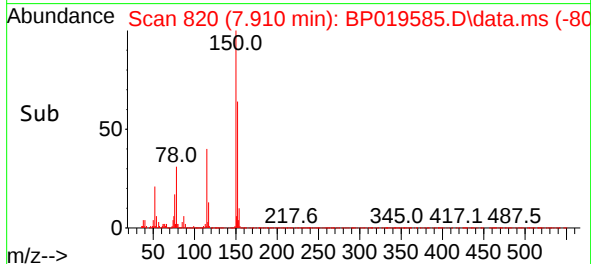
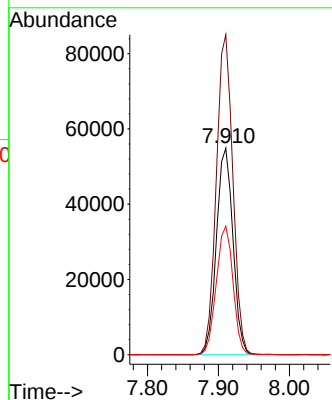
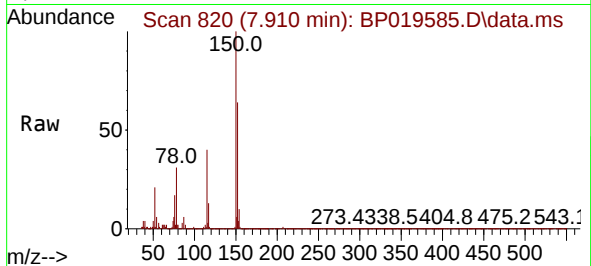




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019585.D
Acq: 07 Feb 2024 10:03

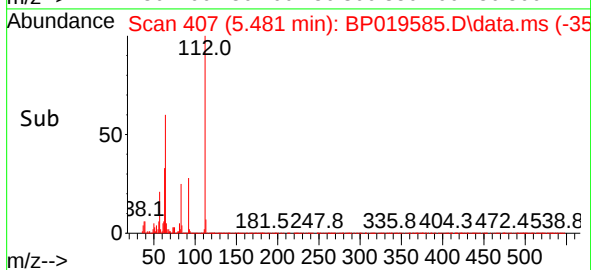
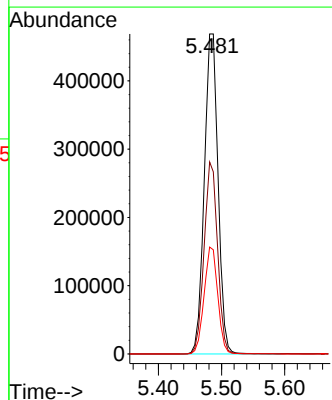
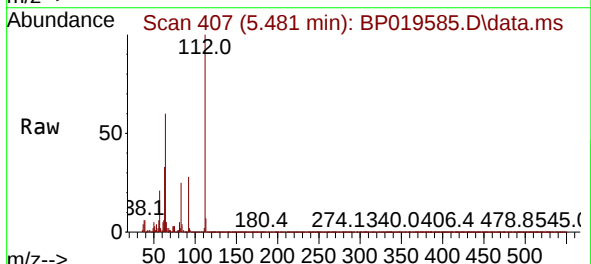
Instrument :
BNA_P
ClientSampleId :
PB158806TB

Tgt Ion:152 Resp: 88528
Ion Ratio Lower Upper
152 100
150 155.1 121.8 182.8
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 129.094 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019585.D
Acq: 07 Feb 2024 10:03

Tgt Ion:112 Resp: 708995
Ion Ratio Lower Upper
112 100
64 60.0 47.4 71.0
63 33.4 27.0 40.6

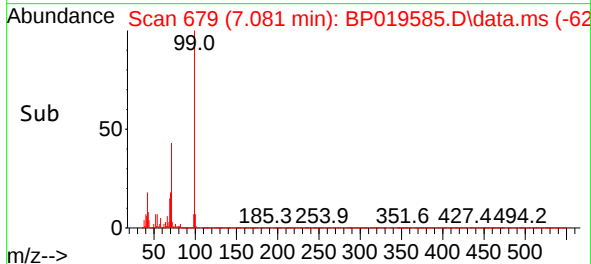
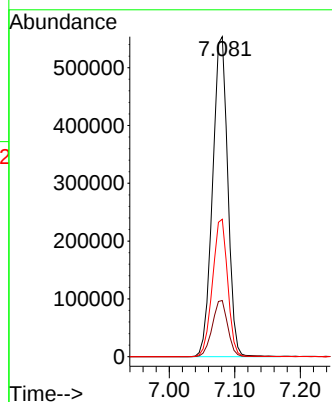
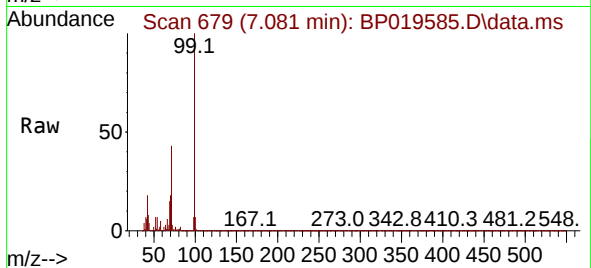




#7
Phenol-d6
Concen: 120.243 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019585.D
Acq: 07 Feb 2024 10:03

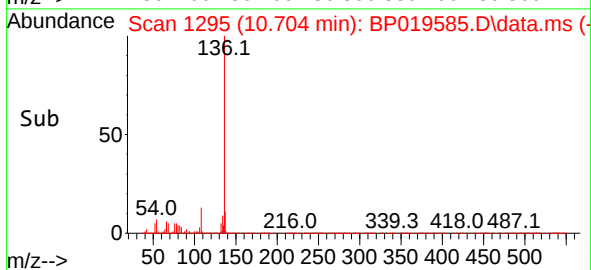
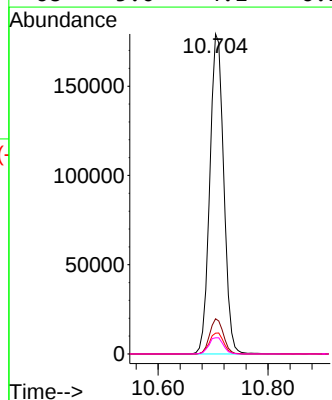
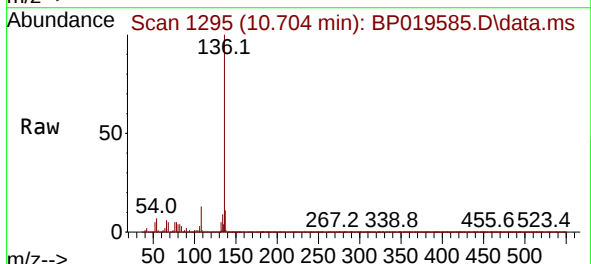
Instrument :
BNA_P
ClientSampleId :
PB158806TB

Tgt Ion: 99 Resp: 890436
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 42.9 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: BP019585.D
Acq: 07 Feb 2024 10:03

Tgt Ion: 136 Resp: 315253
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 84.244 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019585.D

Acq: 07 Feb 2024 10:03

Instrument :

BNA_P

ClientSampleId :

PB158806TB

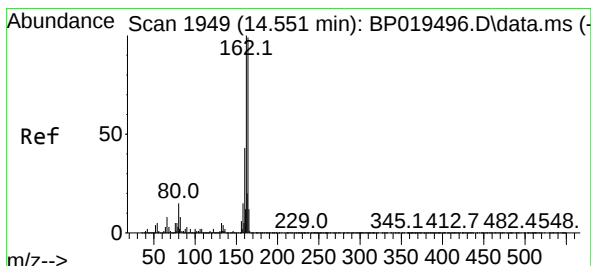
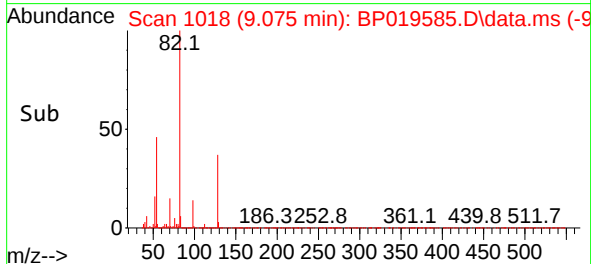
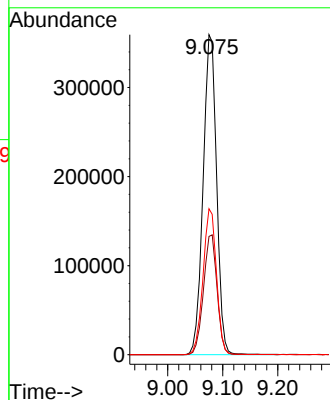
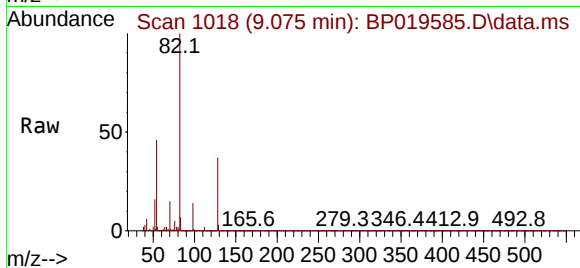
Tgt Ion: 82 Resp: 612910

Ion Ratio Lower Upper

82 100

128 36.9 29.7 44.5

54 45.6 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: BP019585.D

Acq: 07 Feb 2024 10:03

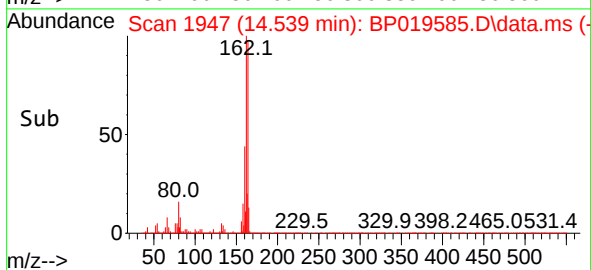
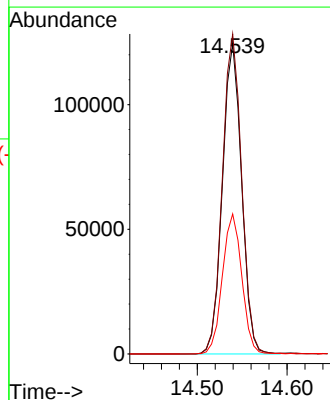
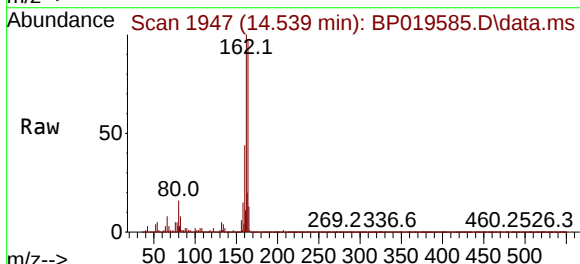
Tgt Ion:164 Resp: 184005

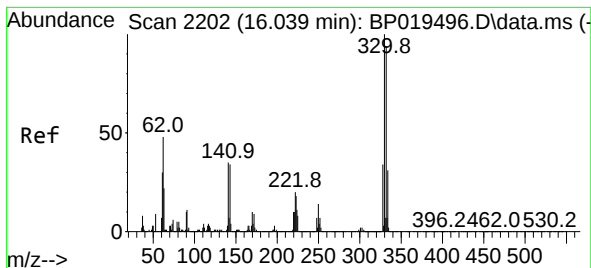
Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

160 45.1 35.1 52.7

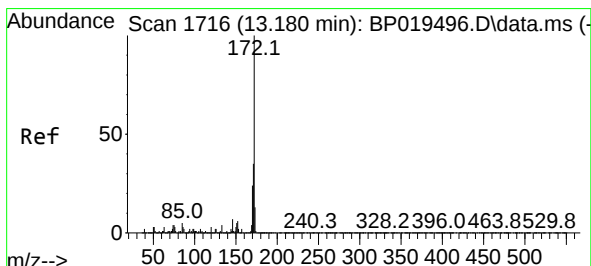
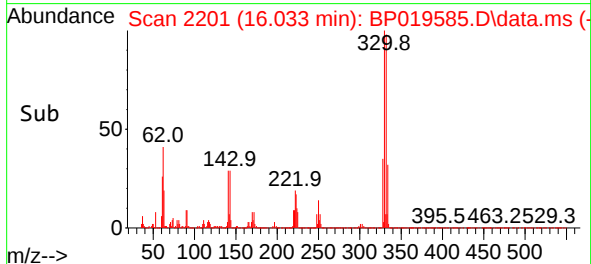
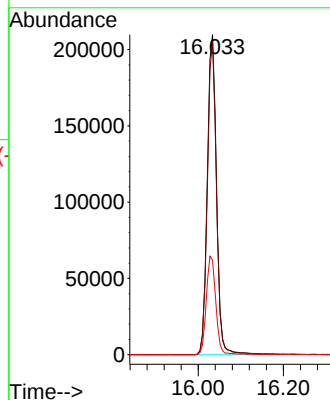
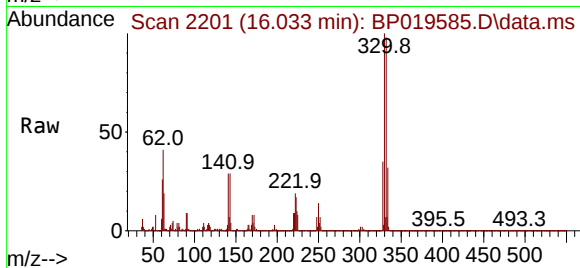




#42
2,4,6-Tribromophenol
Concen: 117.594 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019585.D
Acq: 07 Feb 2024 10:03

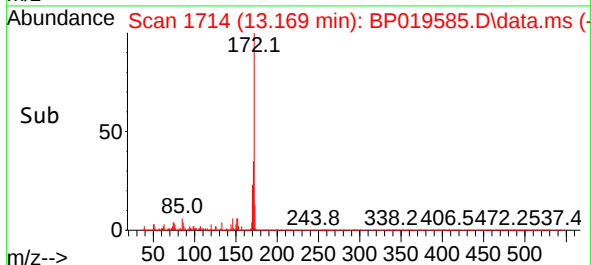
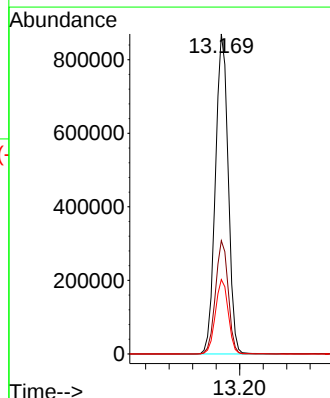
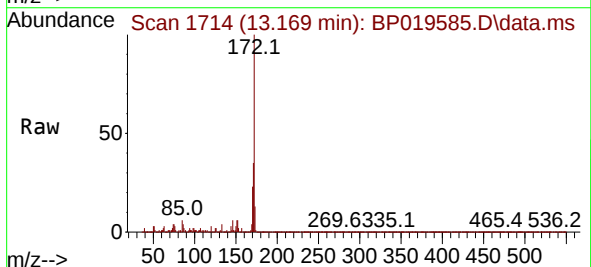
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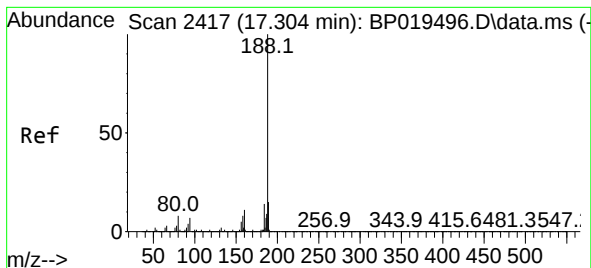
Tgt Ion:330 Resp: 315928
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 31.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 88.350 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019585.D
Acq: 07 Feb 2024 10:03

Tgt Ion:172 Resp: 1315029
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019585.D

Acq: 07 Feb 2024 10:03

Instrument :

BNA_P

ClientSampleId :

PB158806TB

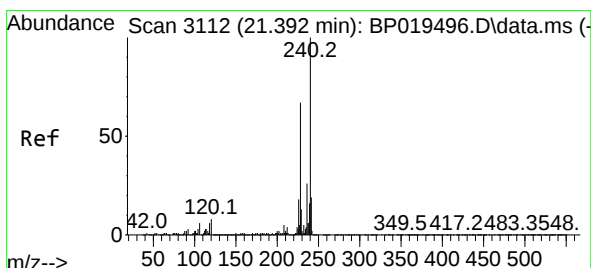
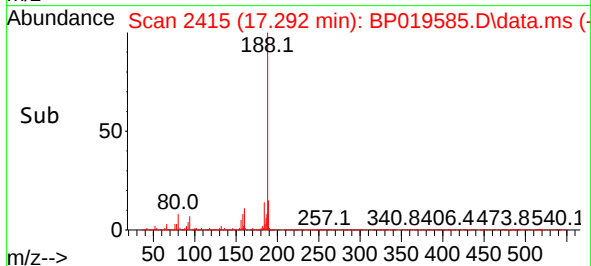
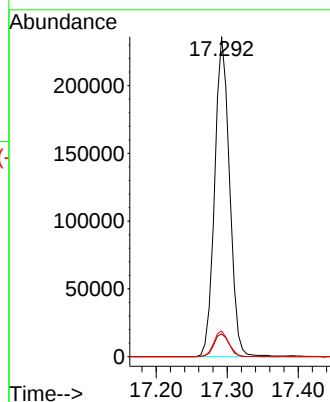
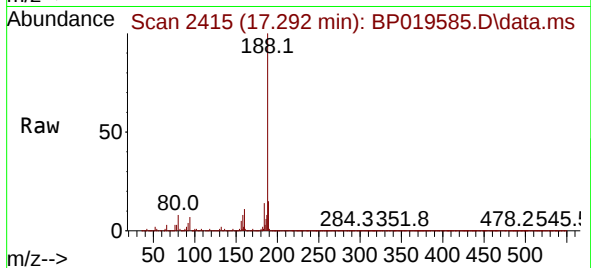
Tgt Ion:188 Resp: 343321

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.1 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: BP019585.D

Acq: 07 Feb 2024 10:03

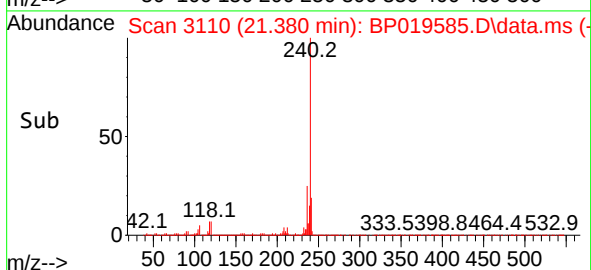
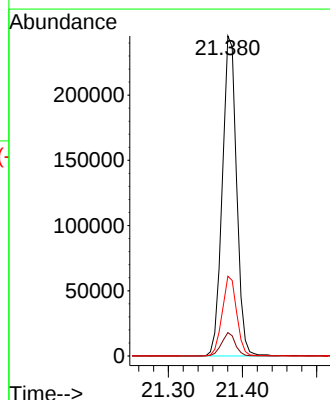
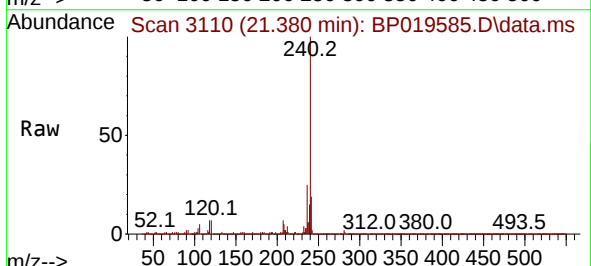
Tgt Ion:240 Resp: 328193

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

236 24.9 20.7 31.1



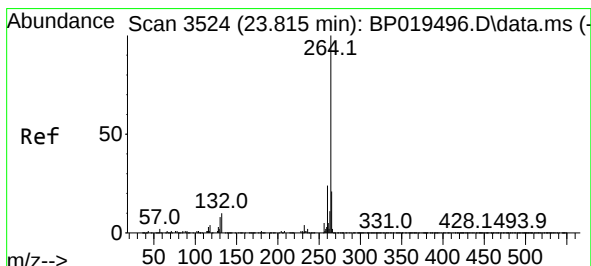
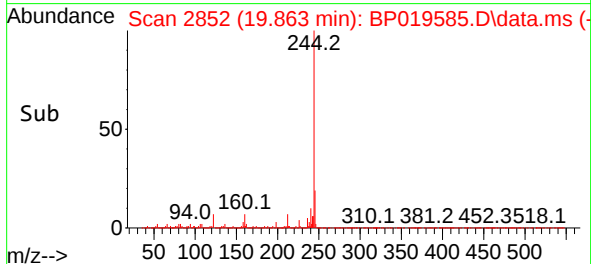
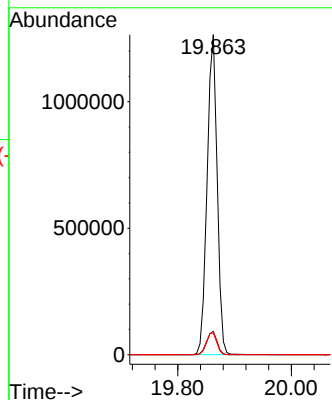
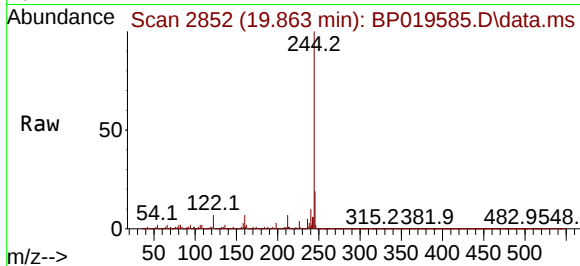


#79
 Terphenyl-d14
 Concen: 77.470 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019585.D
 Acq: 07 Feb 2024 10:03

Instrument :
 BNA_P
 ClientSampleId :
 PB158806TB

Tgt Ion:244 Resp: 1546037

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: 23.798 min Scan# 3521
 Delta R.T. -0.017 min
 Lab File: BP019585.D
 Acq: 07 Feb 2024 10:03

Tgt Ion:264 Resp: 444525

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.0	25.4

