

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019860.D
 Acq On : 24 Feb 2024 14:11
 Operator : MA/JU
 Sample : PB159213TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159213TB

Quant Time: Feb 26 00:10:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	93624	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	312171	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	210567	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	468788	20.000	ng	0.00
76) Chrysene-d12	21.416	240	441692	20.000	ng	#-0.01
86) Perylene-d12	23.851	264	540024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	773398	133.156	ng	0.00
7) Phenol-d6	7.081	99	859309	109.723	ng	0.00
23) Nitrobenzene-d5	9.075	82	552823	76.736	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	456030	148.330	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1296134	76.095	ng	0.00
79) Terphenyl-d14	19.881	244	2424300	90.264	ng	-0.01

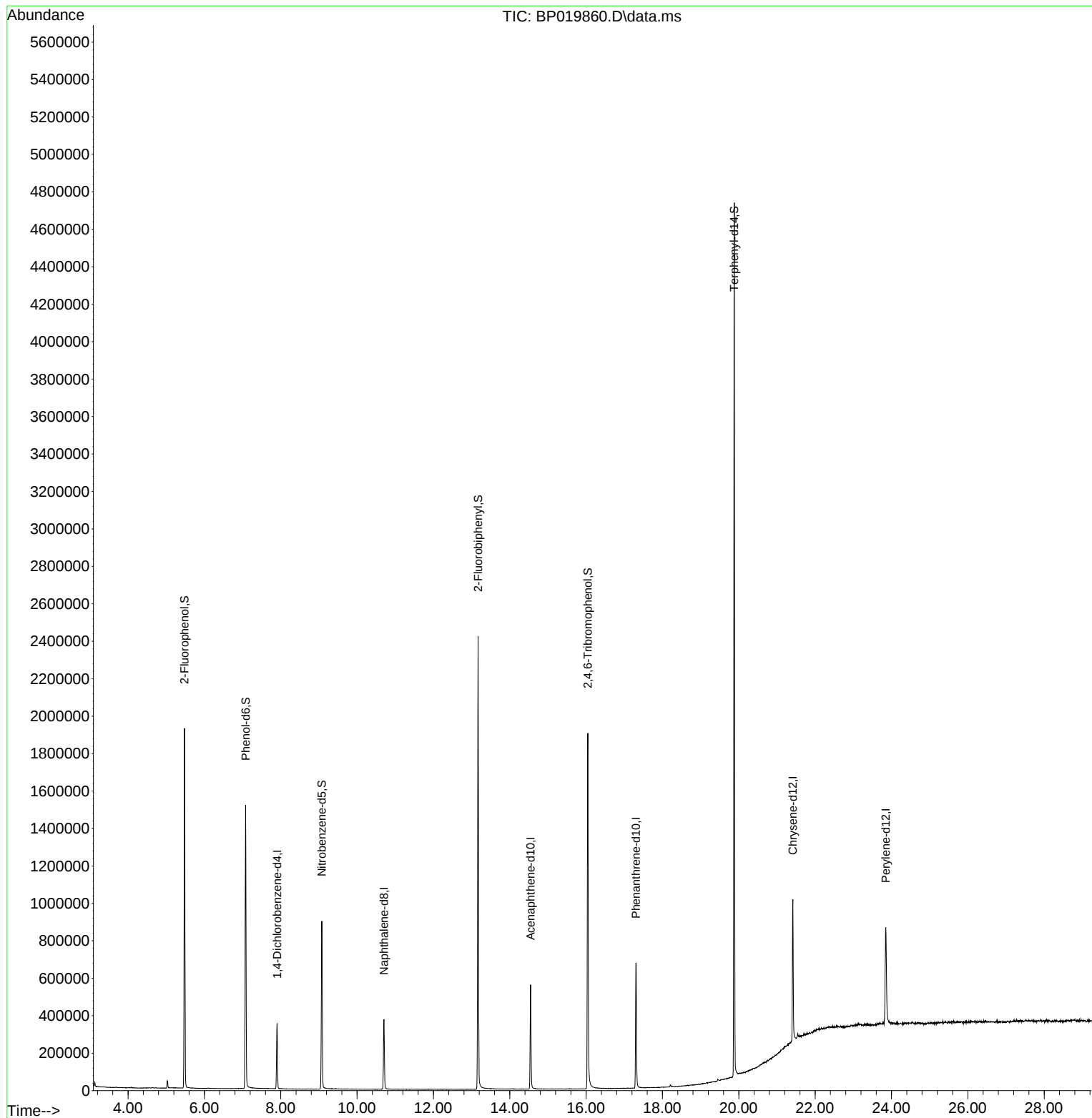
Target Compounds	Qvalue

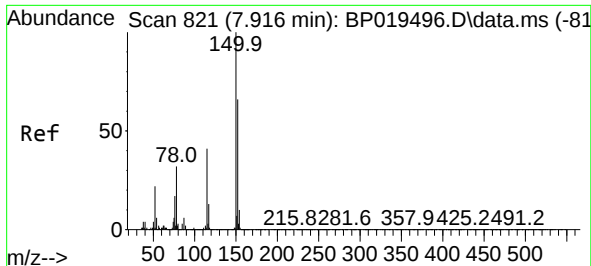
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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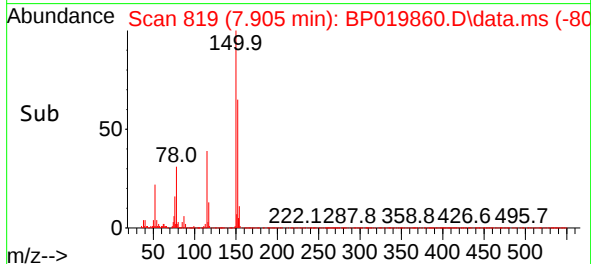
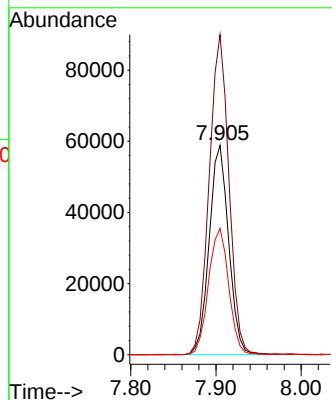
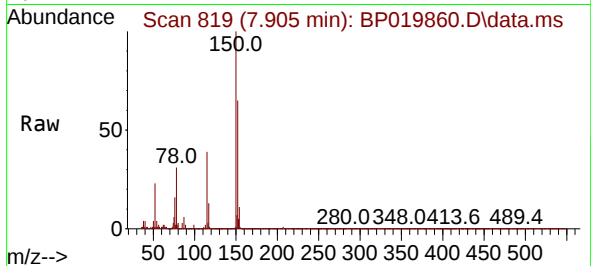




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

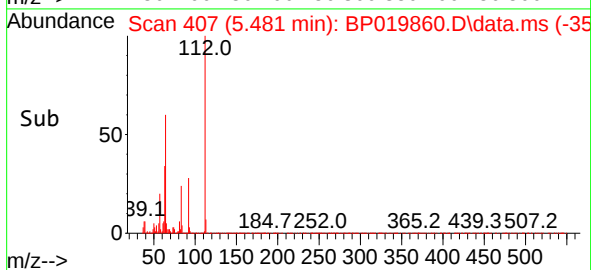
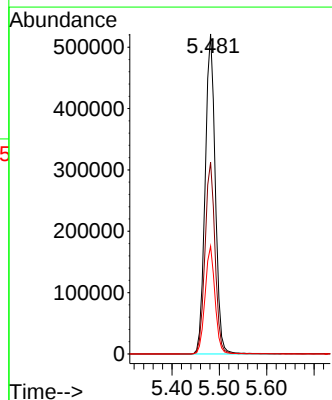
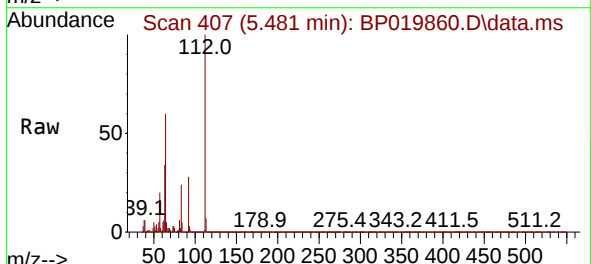
Instrument :
BNA_P
ClientSampleId :
PB159213TB

Tgt Ion:152 Resp: 93624
Ion Ratio Lower Upper
152 100
150 152.9 121.8 182.8
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 133.156 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

Tgt Ion:112 Resp: 773398
Ion Ratio Lower Upper
112 100
64 59.9 47.4 71.0
63 33.6 27.0 40.6

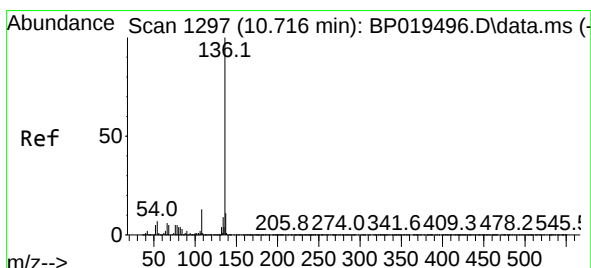
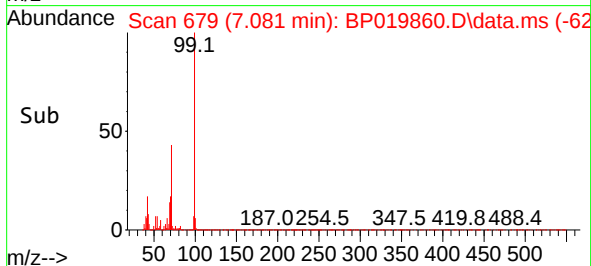
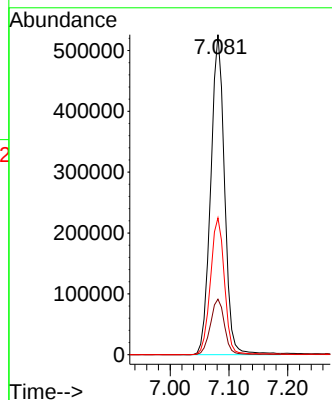
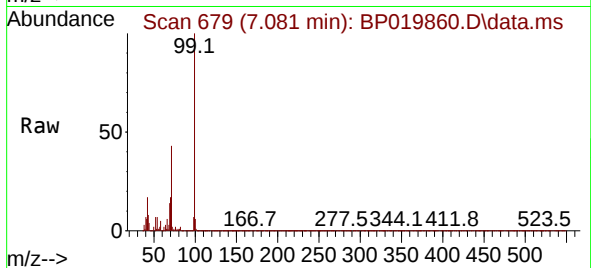




#7
Phenol-d6
Concen: 109.723 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

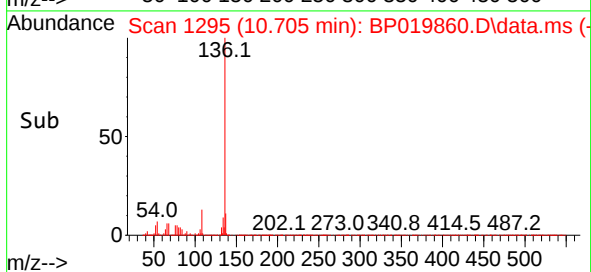
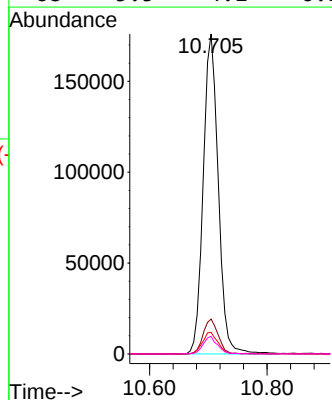
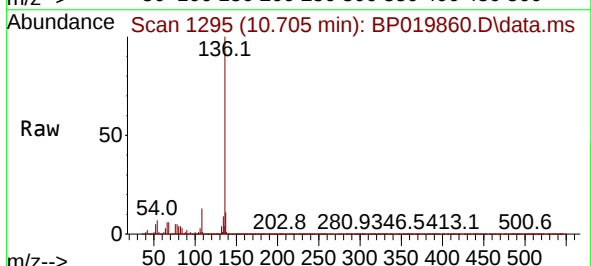
Instrument :
BNA_P
ClientSampleId :
PB159213TB

Tgt Ion: 99 Resp: 859309
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

Tgt Ion: 136 Resp: 312171
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.3 7.9
68 5.5 4.1 6.1

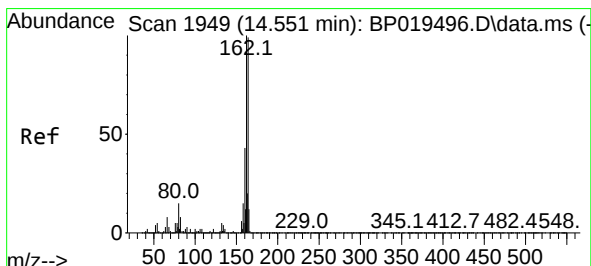
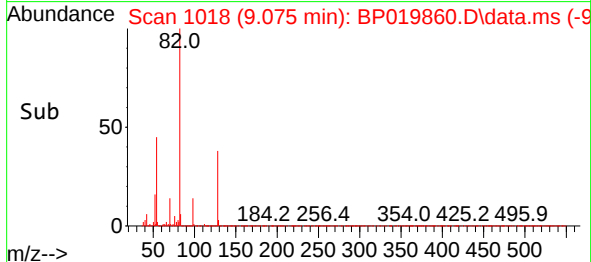
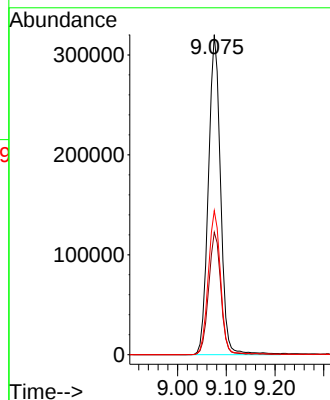
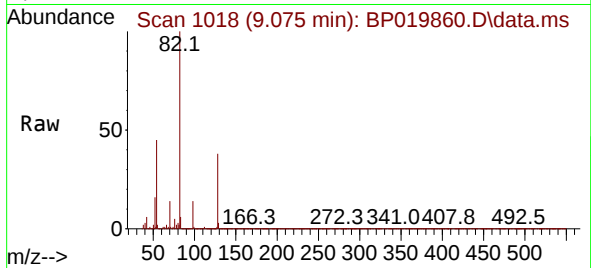




#23
Nitrobenzene-d5
Concen: 76.736 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

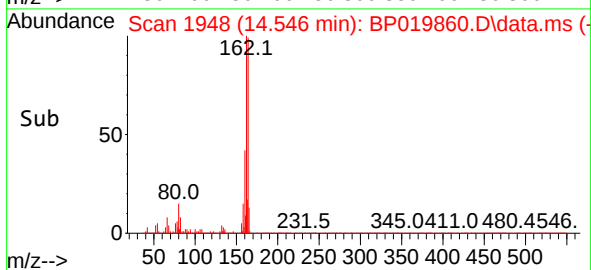
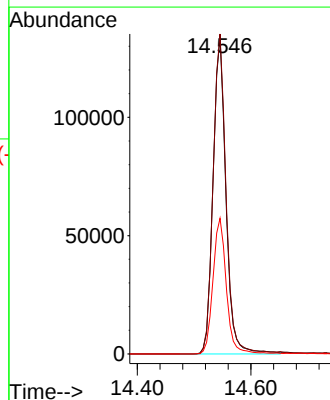
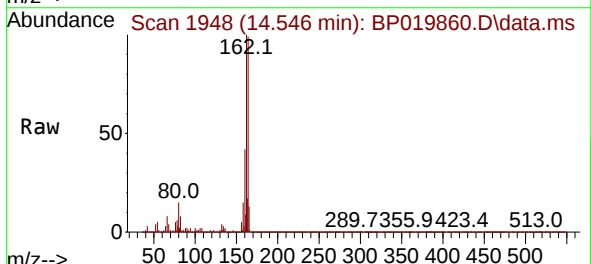
Instrument :
BNA_P
ClientSampleId :
PB159213TB

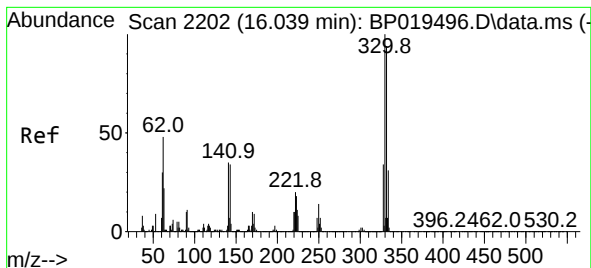
Tgt Ion: 82 Resp: 552823
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 45.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

Tgt Ion:164 Resp: 210567
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 42.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 148.330 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019860.D

Acq: 24 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

PB159213TB

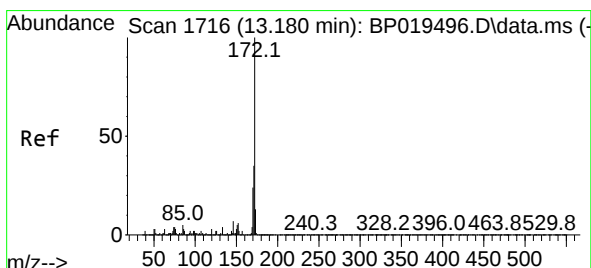
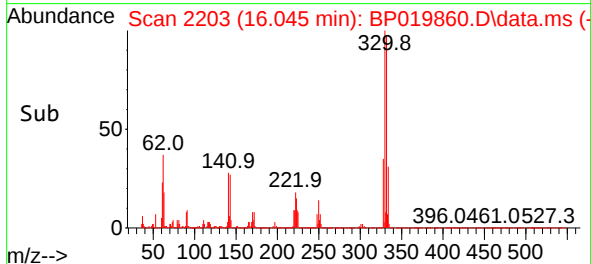
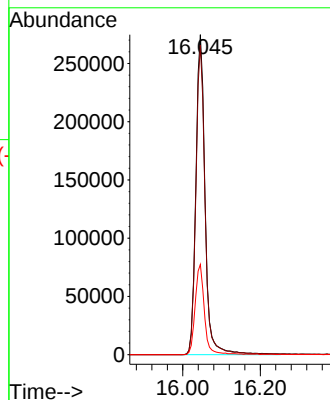
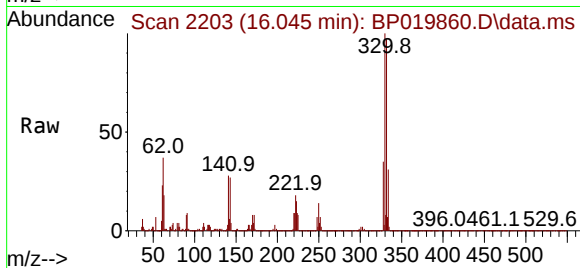
Tgt Ion:330 Resp: 456030

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 28.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 76.095 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP019860.D

Acq: 24 Feb 2024 14:11

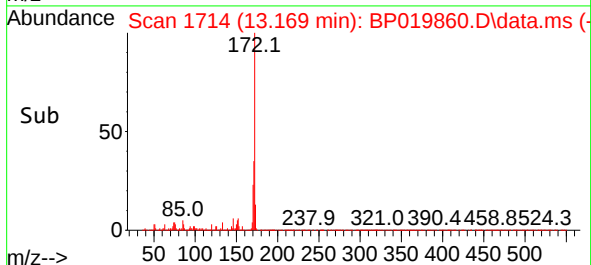
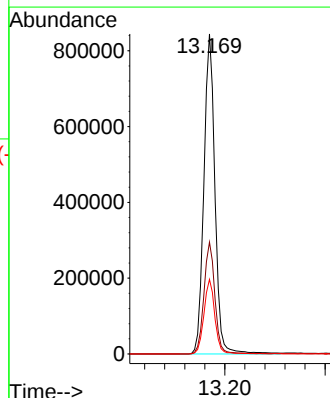
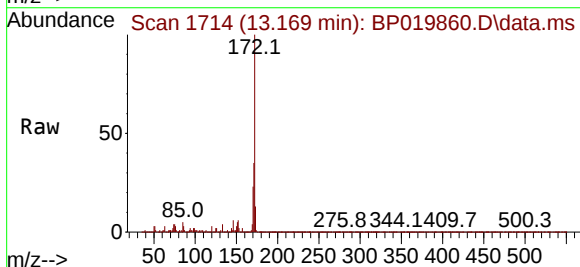
Tgt Ion:172 Resp: 1296134

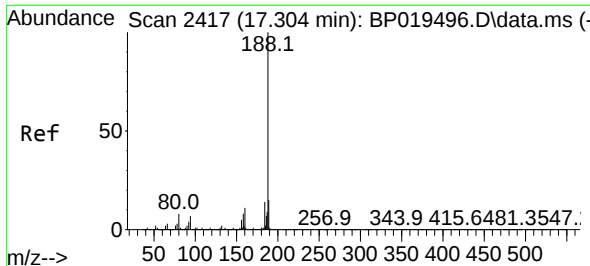
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.9 28.3

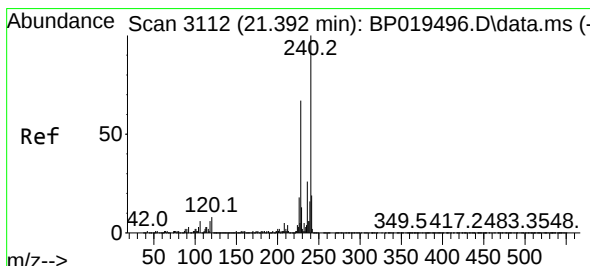
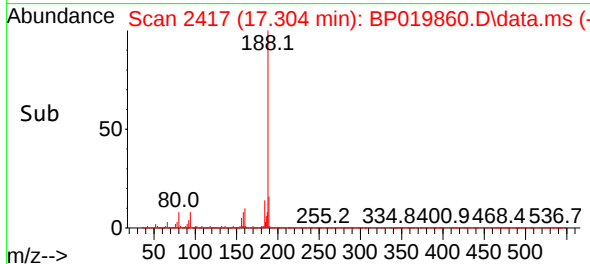
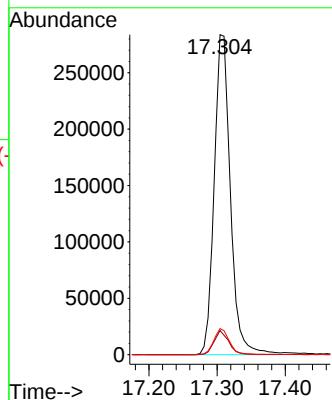
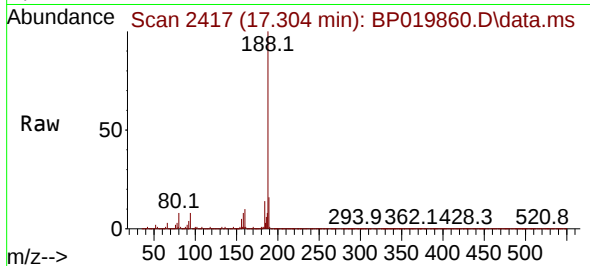




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

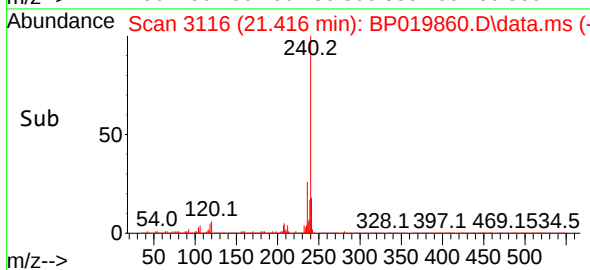
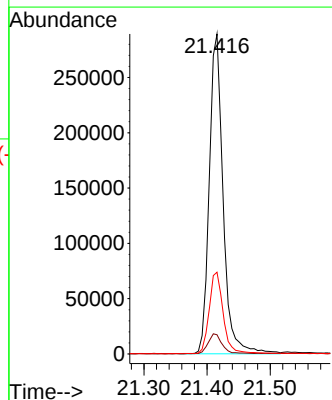
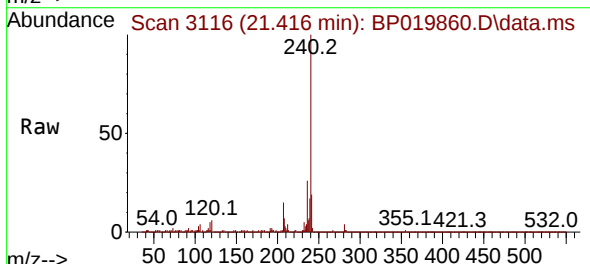
Instrument :
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Tgt Ion:188 Resp: 468788
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 8.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019860.D
Acq: 24 Feb 2024 14:11

Tgt Ion:240 Resp: 441692
Ion Ratio Lower Upper
240 100
120 6.0 6.1 9.1#
236 25.5 20.7 31.1

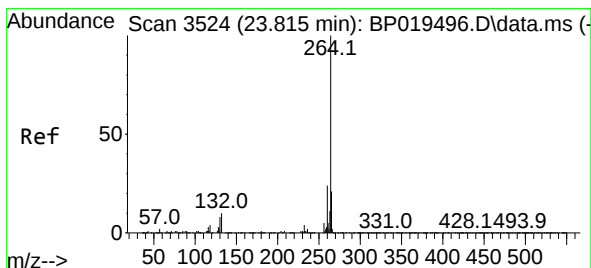
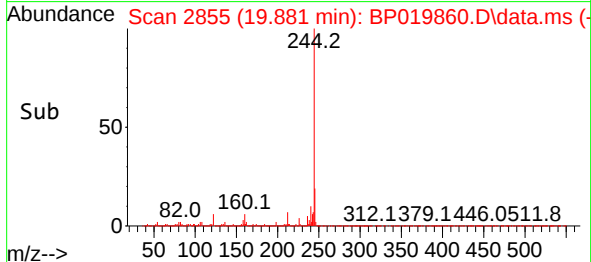
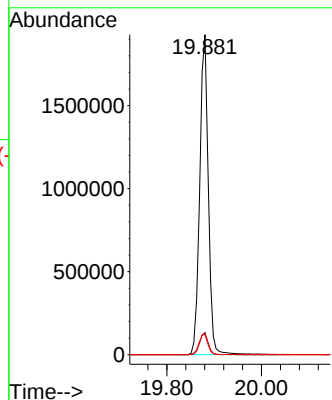
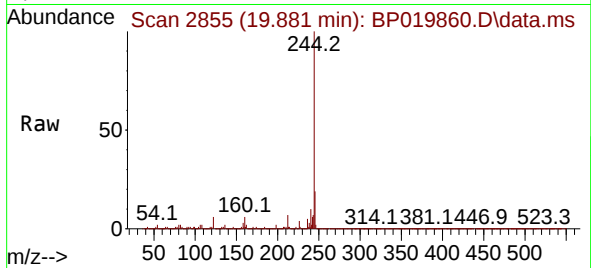




#79
 Terphenyl-d14
 Concen: 90.264 ng
 RT: 19.881 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019860.D
 Acq: 24 Feb 2024 14:11

Instrument :
 BNA_P
 ClientSampleId :
 PB159213TB

Tgt Ion:244 Resp: 2424300
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.4 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3530
 Delta R.T. -0.018 min
 Lab File: BP019860.D
 Acq: 24 Feb 2024 14:11

Tgt Ion:264 Resp: 540024
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.0 25.4

