

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019866.D
 Acq On : 24 Feb 2024 17:33
 Operator : MA/JU
 Sample : P1564-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-12

Quant Time: Feb 26 00:13:30 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	7.899	152	68386	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	237559	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	142933	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	309048	20.000	ng	0.00
76) Chrysene-d12	21.410	240	329999	20.000	ng	-0.02
86) Perylene-d12	23.839	264	419802	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	291438	68.695	ng	0.00
7) Phenol-d6	7.075	99	350347	61.245	ng	0.00
23) Nitrobenzene-d5	9.075	82	246376	44.940	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	168644	80.810	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	522461	45.188	ng	0.00
79) Terphenyl-d14	19.875	244	944979	47.093	ng	-0.02

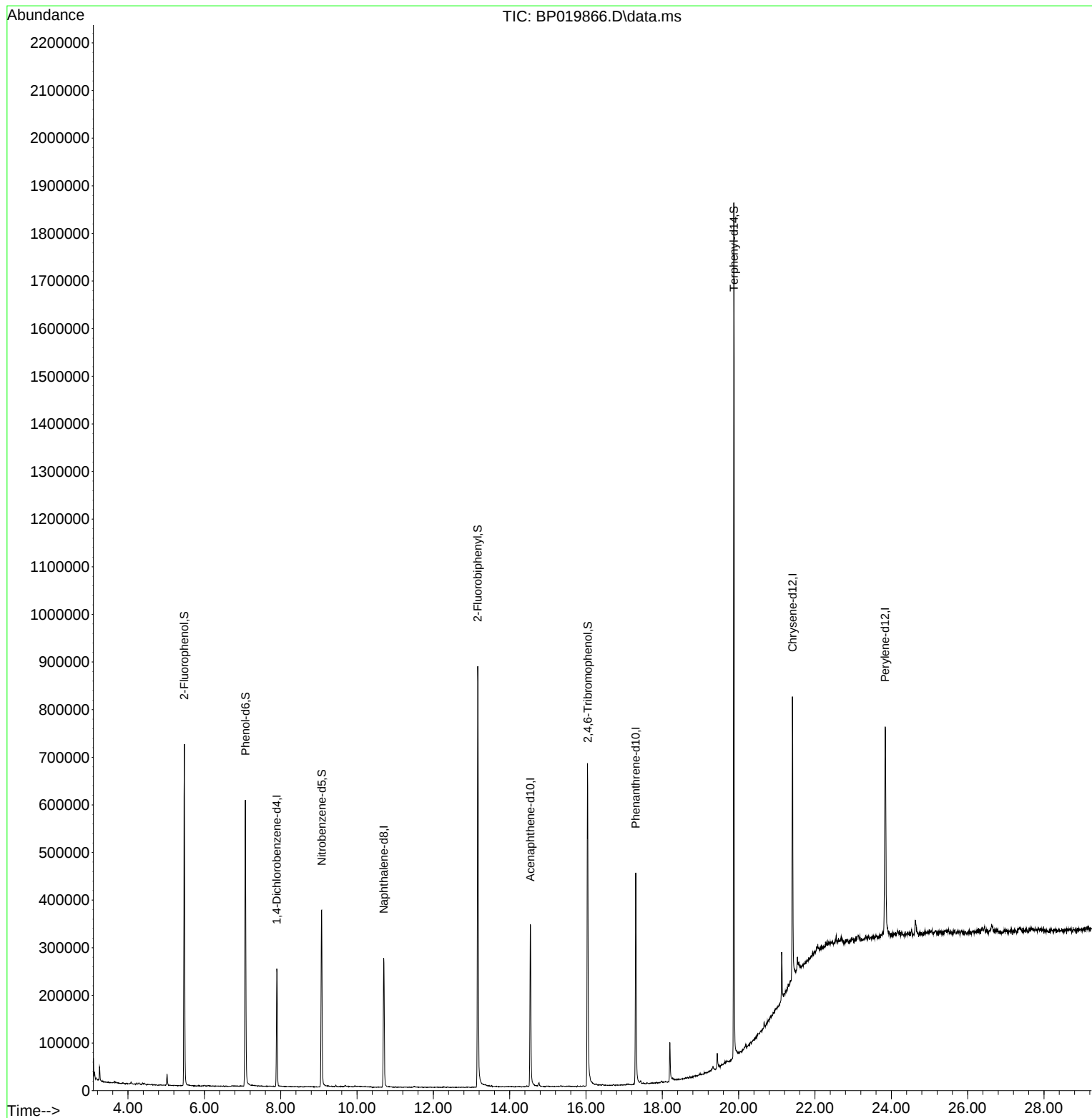
Target Compounds	Qvalue

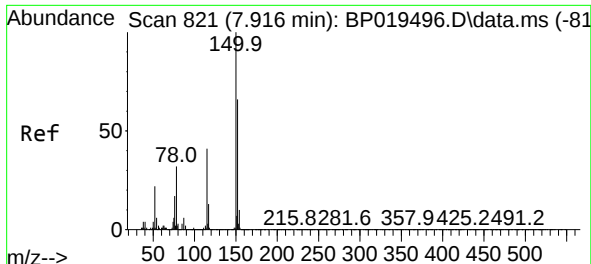
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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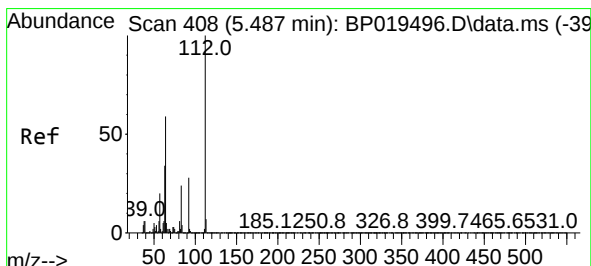
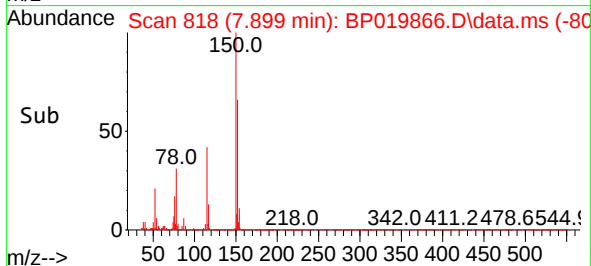
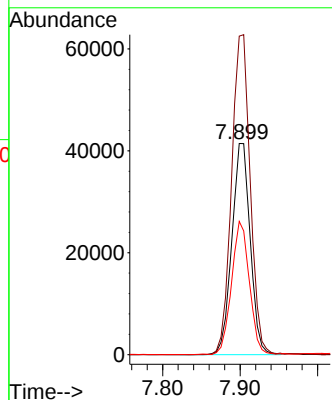
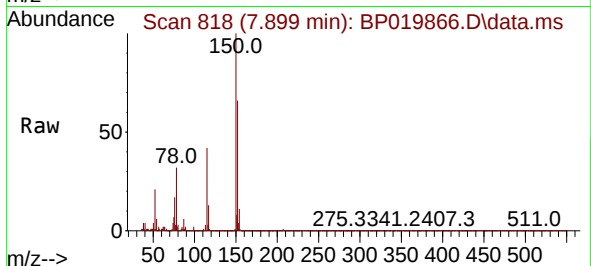




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019866.D
Acq: 24 Feb 2024 17:33

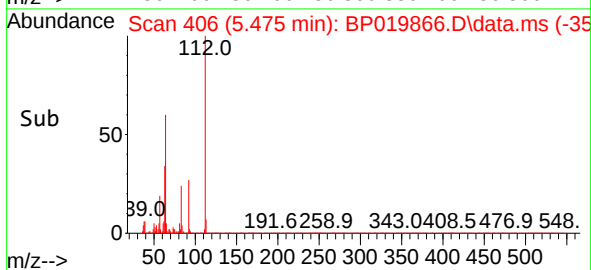
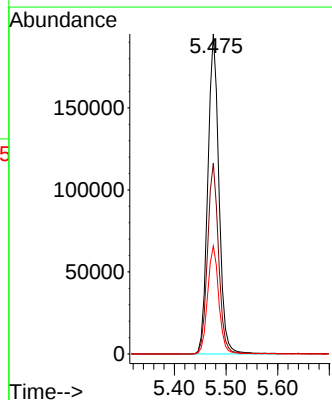
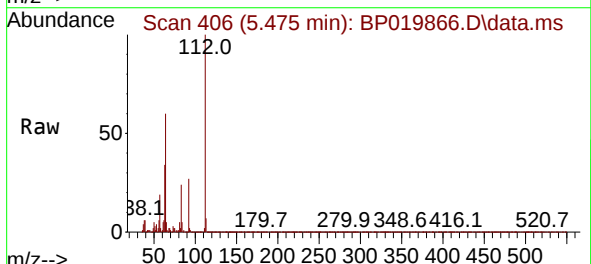
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-12

Tgt Ion:152 Resp: 68386
Ion Ratio Lower Upper
152 100
150 150.8 121.8 182.8
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 68.695 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019866.D
Acq: 24 Feb 2024 17:33

Tgt Ion:112 Resp: 291438
Ion Ratio Lower Upper
112 100
64 59.7 47.4 71.0
63 33.7 27.0 40.6

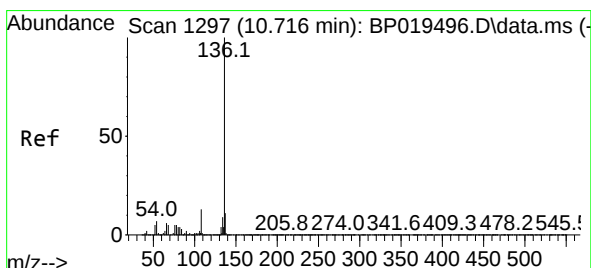
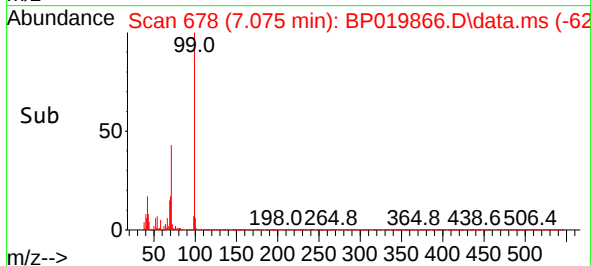
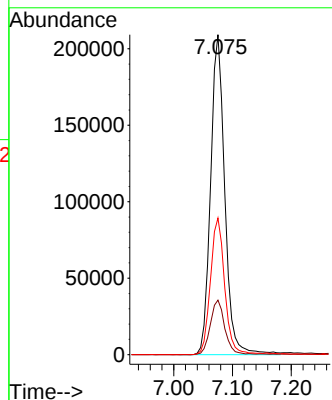
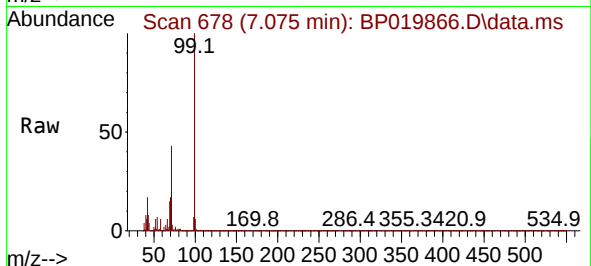




#7
Phenol-d6
Concen: 61.245 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019866.D
Acq: 24 Feb 2024 17:33

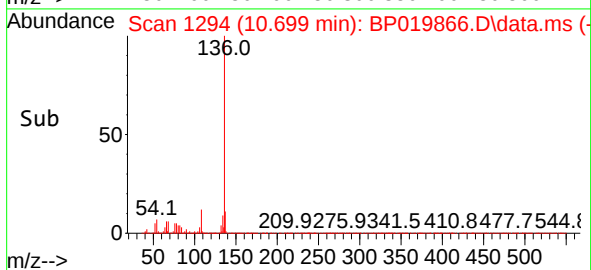
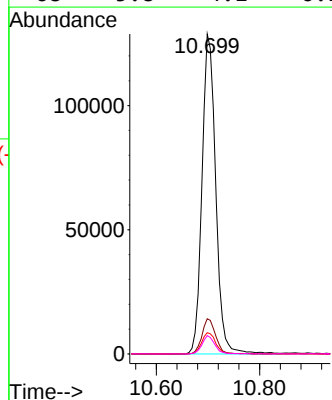
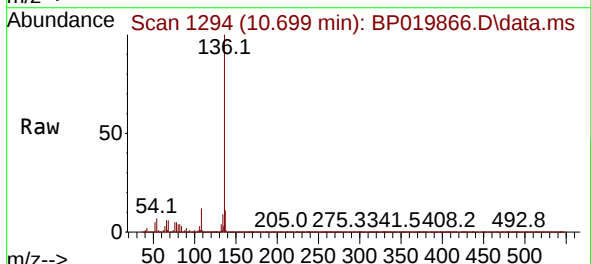
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-12

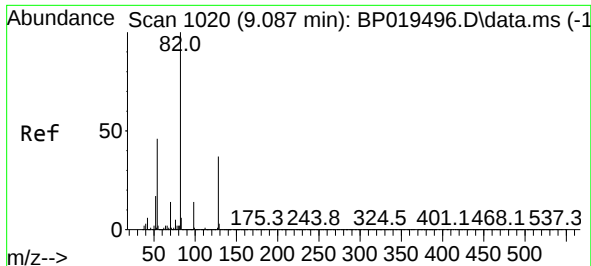
Tgt Ion: 99 Resp: 350347
Ion Ratio Lower Upper
99 100
42 17.0 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019866.D
Acq: 24 Feb 2024 17:33

Tgt Ion: 136 Resp: 237559
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.3 7.9
68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 44.940 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BP019866.D

Acq: 24 Feb 2024 17:33

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-12

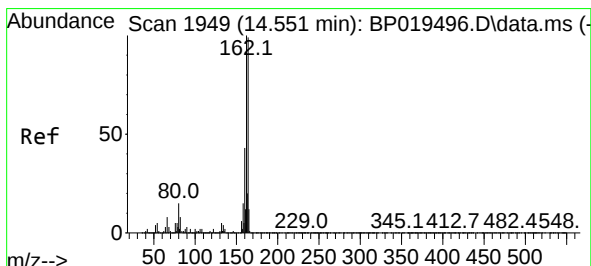
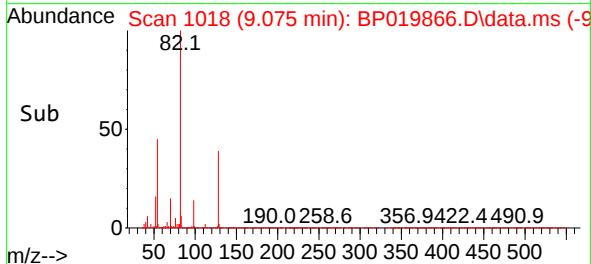
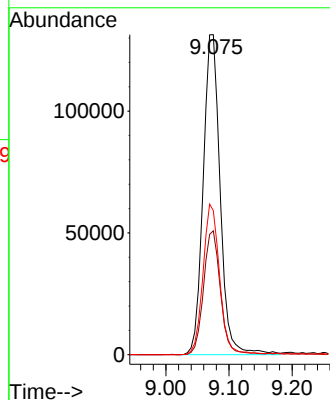
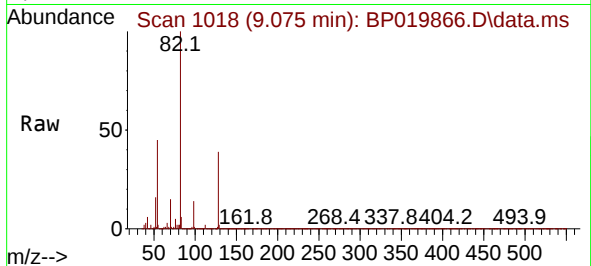
Tgt Ion: 82 Resp: 246376

Ion Ratio Lower Upper

82 100

128 38.7 29.7 44.5

54 45.0 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP019866.D

Acq: 24 Feb 2024 17:33

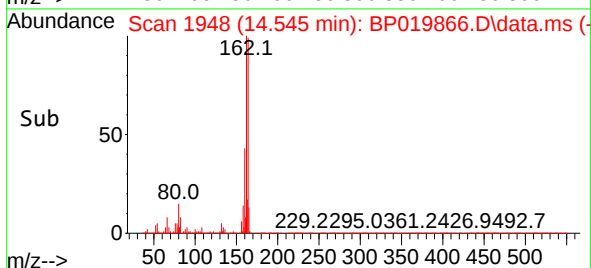
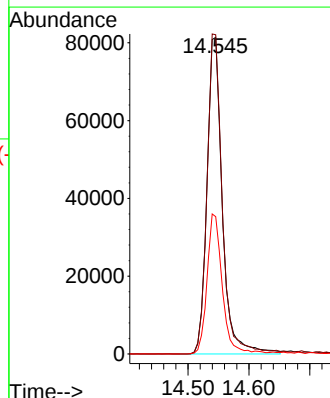
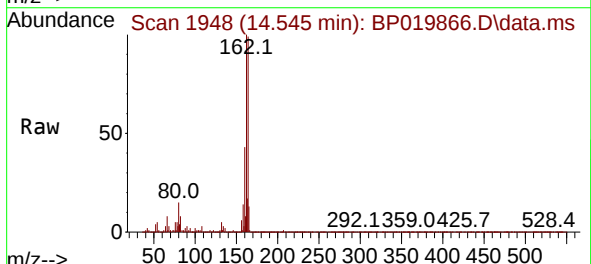
Tgt Ion:164 Resp: 142933

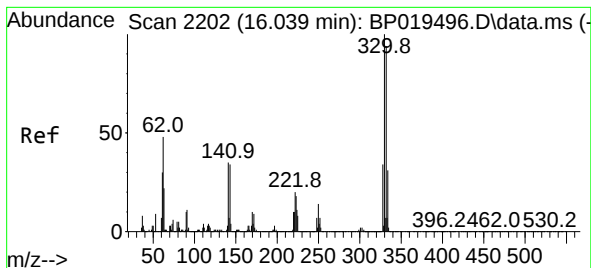
Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 80.810 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019866.D

Acq: 24 Feb 2024 17:33

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-12

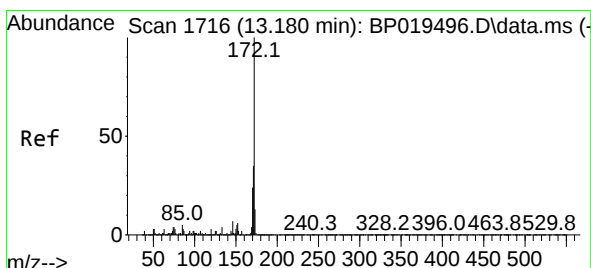
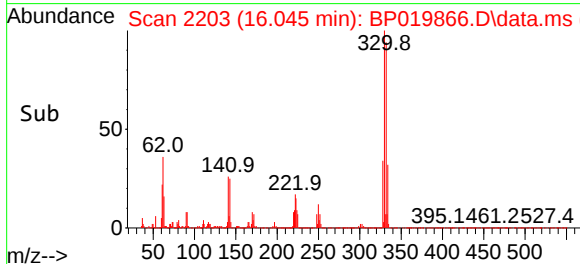
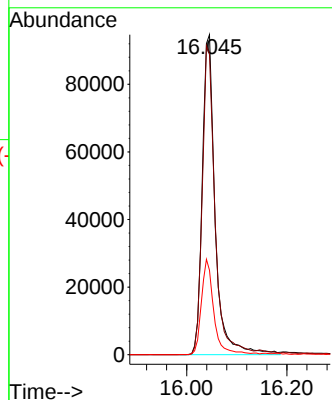
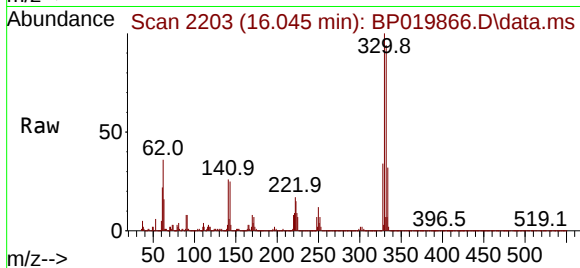
Tgt Ion:330 Resp: 168644

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

141 28.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 45.188 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019866.D

Acq: 24 Feb 2024 17:33

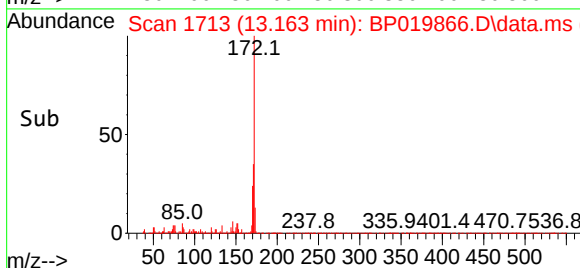
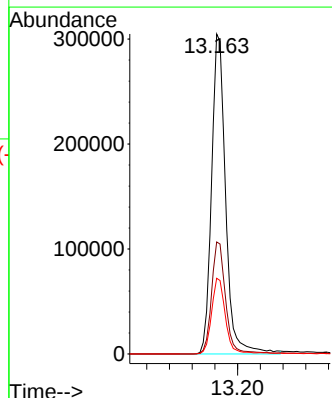
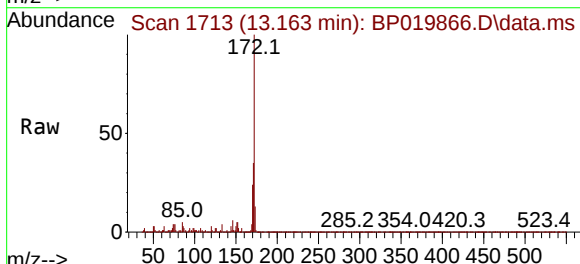
Tgt Ion:172 Resp: 522461

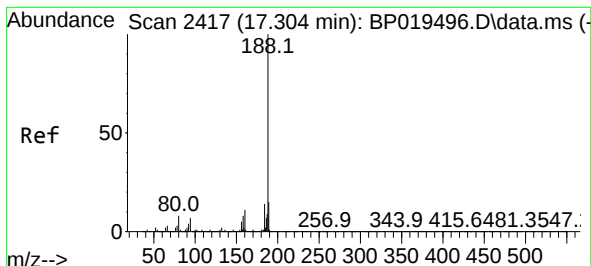
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.6 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: BP019866.D

Acq: 24 Feb 2024 17:33

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-12

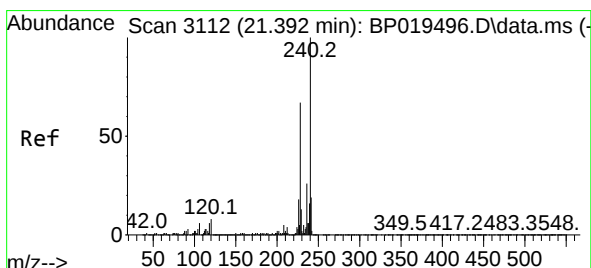
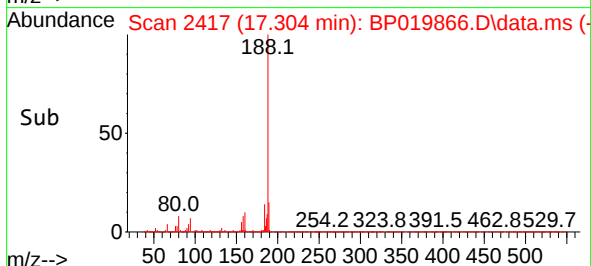
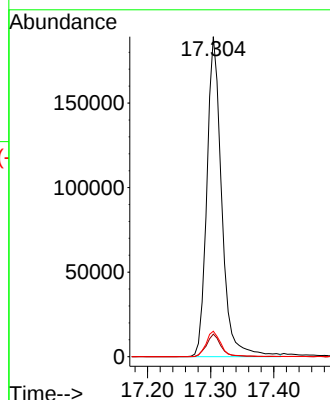
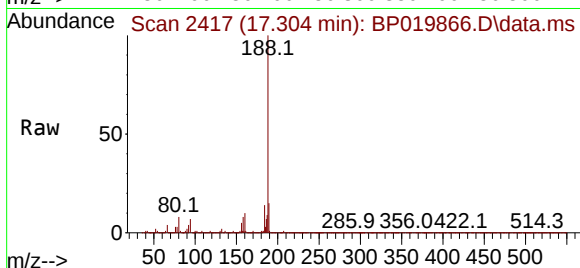
Tgt Ion:188 Resp: 309048

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 7.9 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.018 min

Lab File: BP019866.D

Acq: 24 Feb 2024 17:33

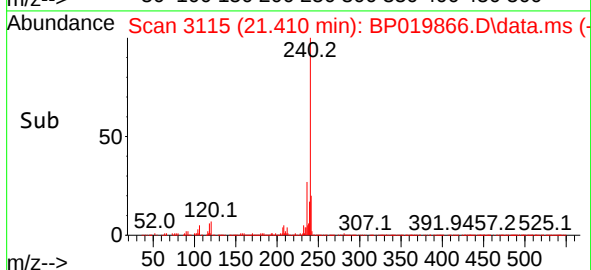
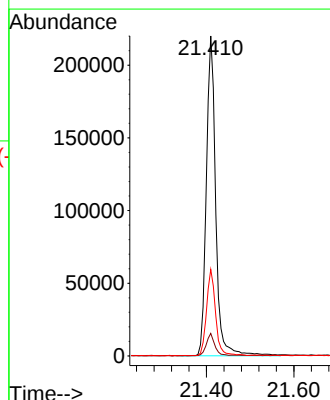
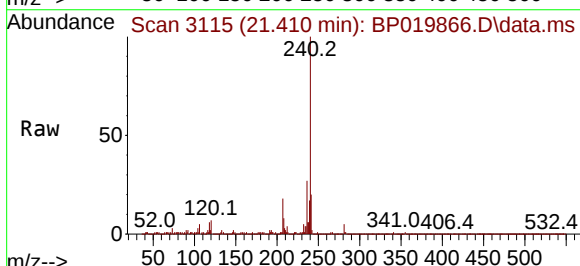
Tgt Ion:240 Resp: 329999

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

236 27.0 20.7 31.1

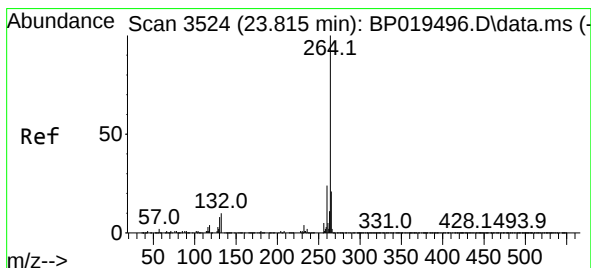
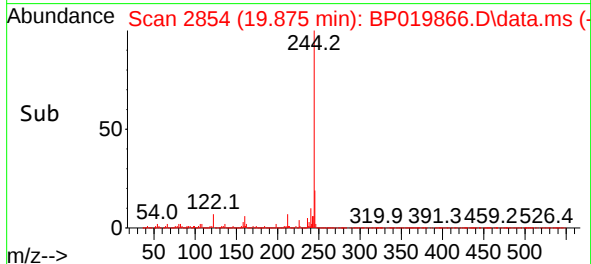
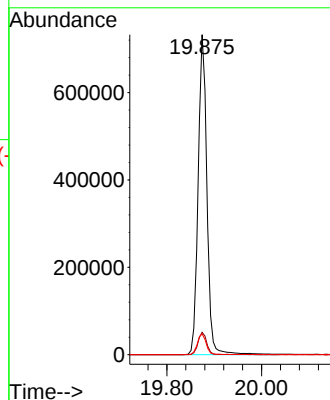
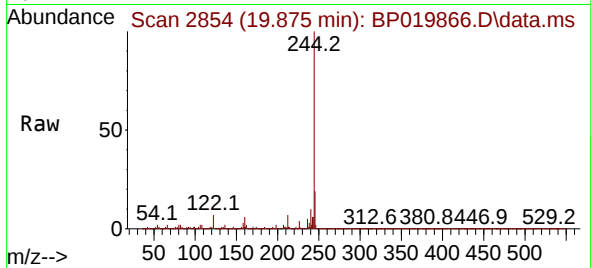




#79
 Terphenyl-d14
 Concen: 47.093 ng
 RT: 19.875 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP019866.D
 Acq: 24 Feb 2024 17:33

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-12

Tgt Ion:	244	Resp:	944979
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	6.5	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.839 min Scan# 3528
 Delta R.T. -0.029 min
 Lab File: BP019866.D
 Acq: 24 Feb 2024 17:33

Tgt Ion:	264	Resp:	419802
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.0	25.4

