

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019862.D
 Acq On : 24 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1564-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10

Quant Time: Feb 26 00:10:54 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	65031	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	235124	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	152046	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	359438	20.000	ng	0.00
76) Chrysene-d12	21.410	240	374711	20.000	ng	-0.02
86) Perylene-d12	23.845	264	451027	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	303314	75.182	ng	0.00
7) Phenol-d6	7.075	99	383928	70.577	ng	0.00
23) Nitrobenzene-d5	9.075	82	267431	49.285	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	219697	98.964	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	612473	49.798	ng	0.00
79) Terphenyl-d14	19.881	244	1573920	69.077	ng	-0.01

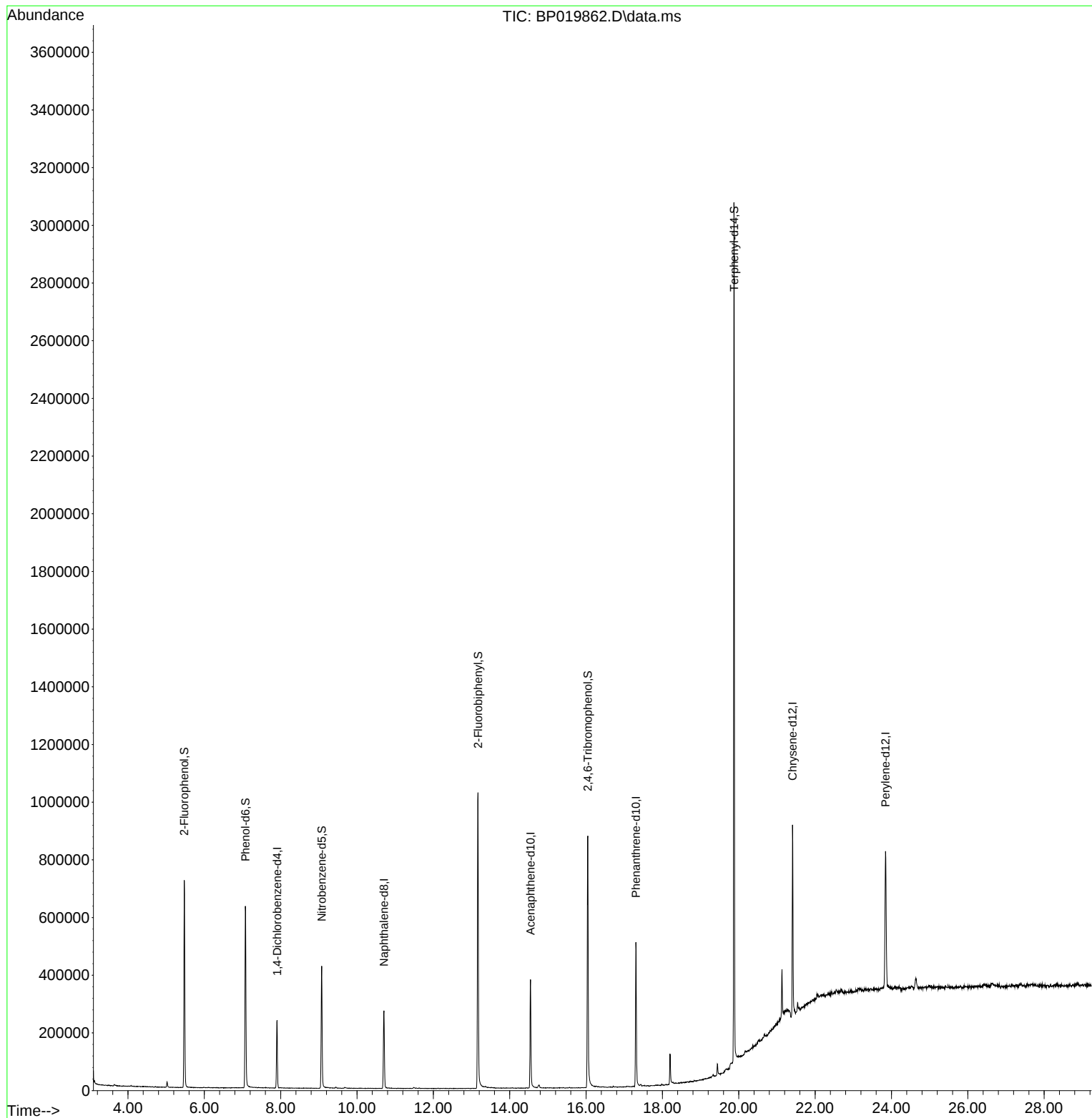
Target Compounds Qvalue

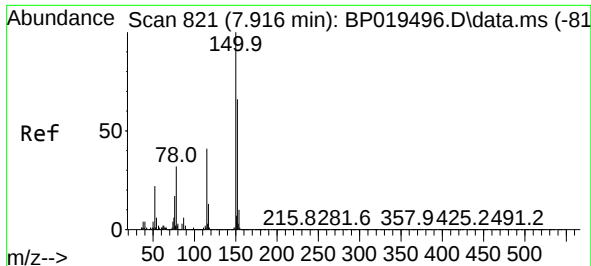
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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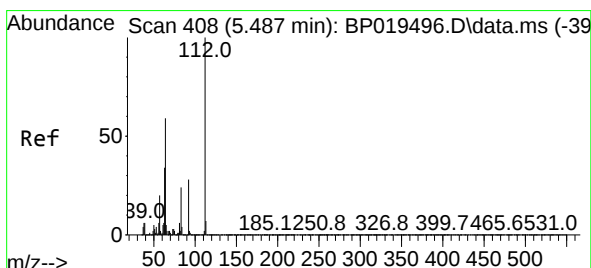
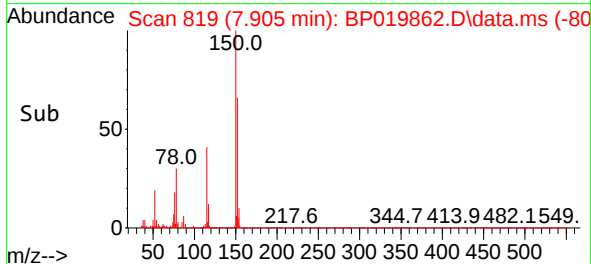
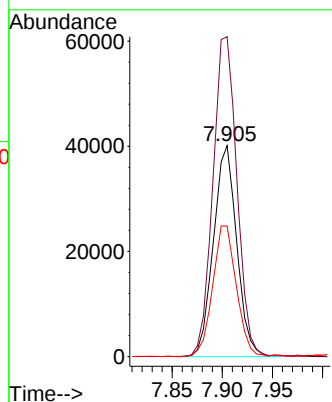
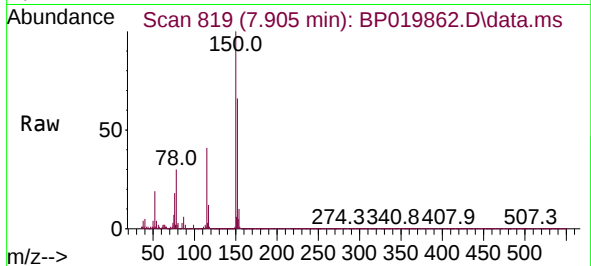




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

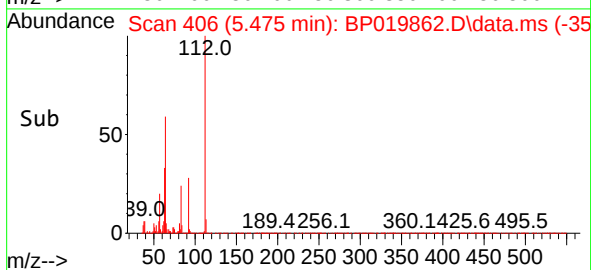
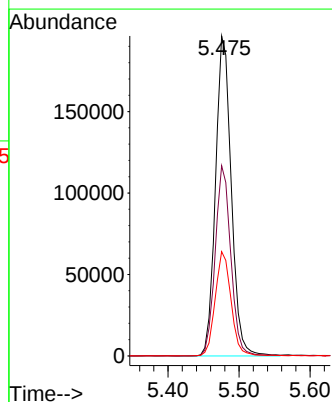
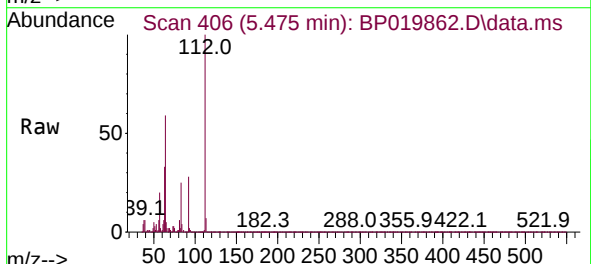
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10

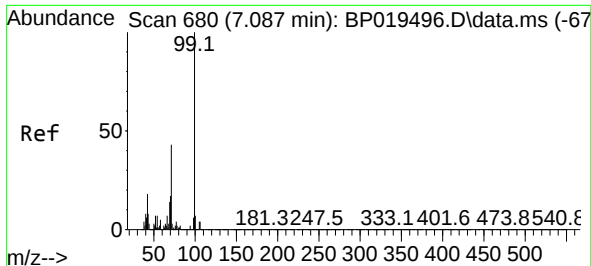
Tgt Ion:152 Resp: 65031
Ion Ratio Lower Upper
152 100
150 151.7 121.8 182.8
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 75.182 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

Tgt Ion:112 Resp: 303314
Ion Ratio Lower Upper
112 100
64 59.4 47.4 71.0
63 32.6 27.0 40.6

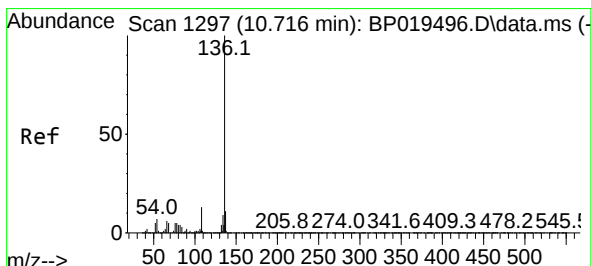
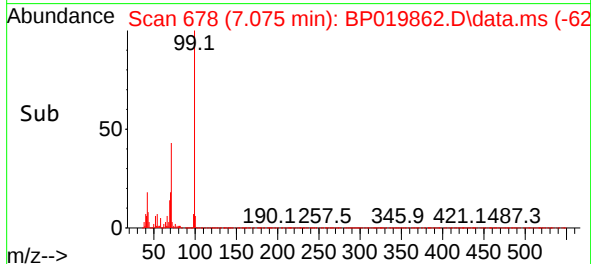
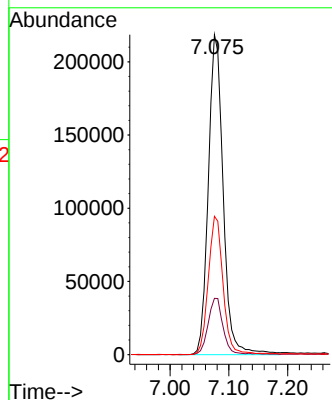
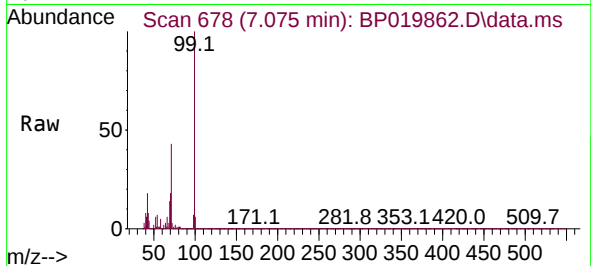




#7
Phenol-d6
Concen: 70.577 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

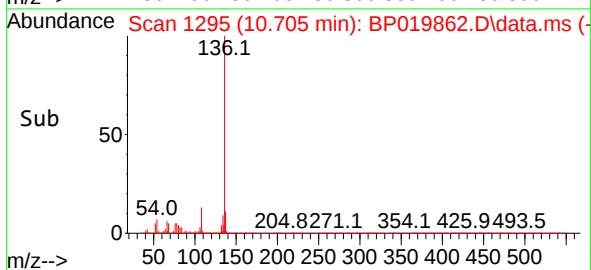
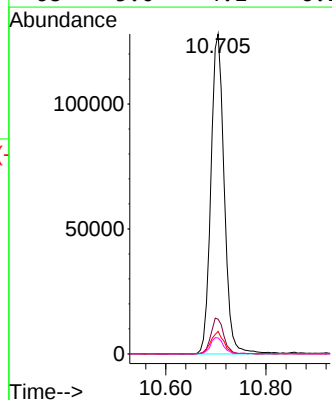
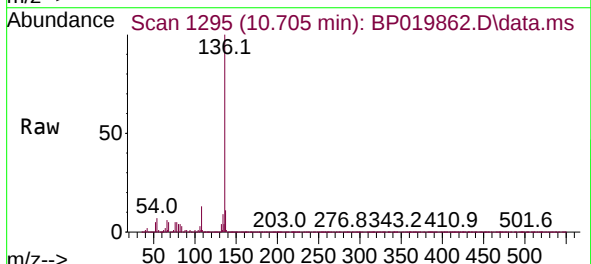
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10

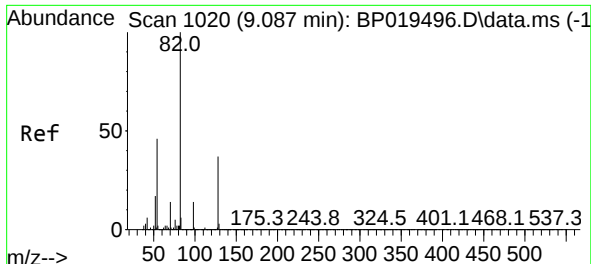
Tgt Ion: 99 Resp: 383928
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

Tgt Ion: 136 Resp: 235124
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 5.3 7.9
68 5.0 4.1 6.1

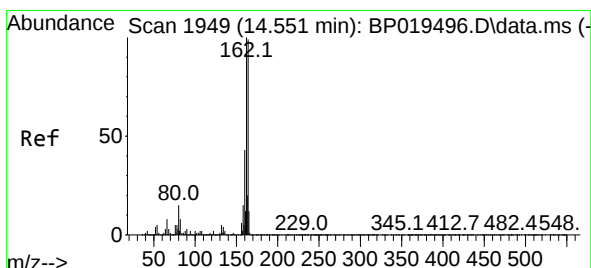
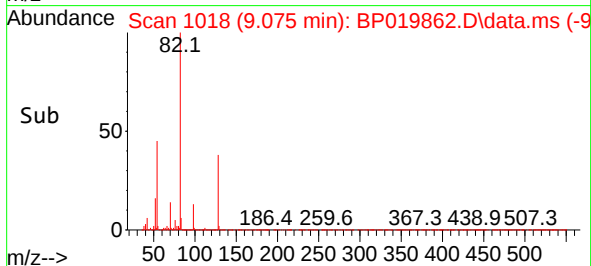
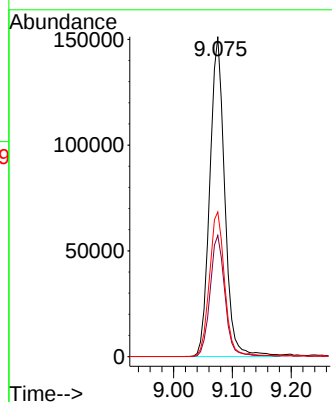
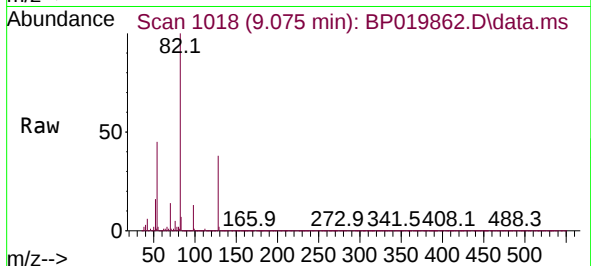




#23
Nitrobenzene-d5
Concen: 49.285 ng
RT: 9.075 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

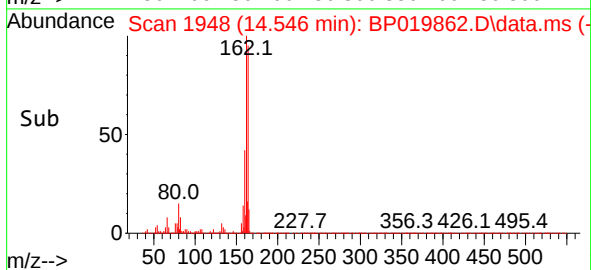
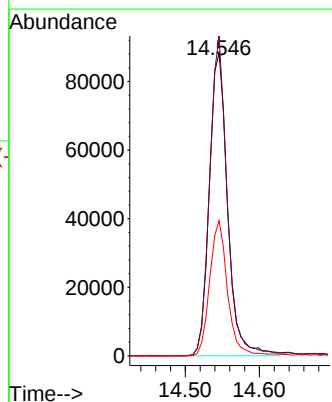
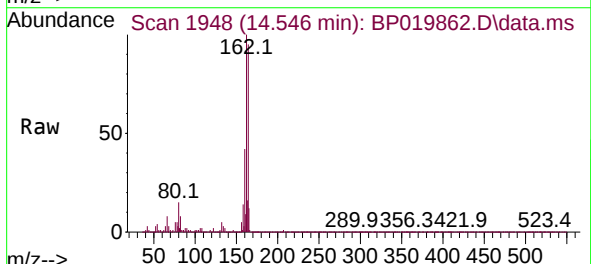
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10

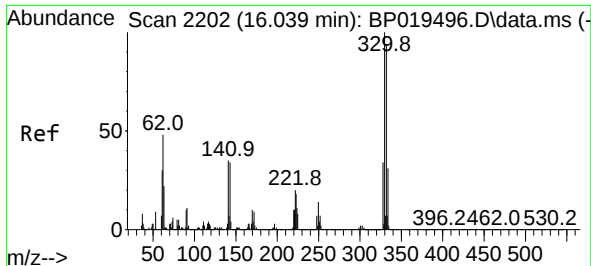
Tgt Ion: 82 Resp: 267431
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 45.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

Tgt Ion:164 Resp: 152046
Ion Ratio Lower Upper
164 100
162 105.5 81.2 121.8
160 44.6 35.1 52.7

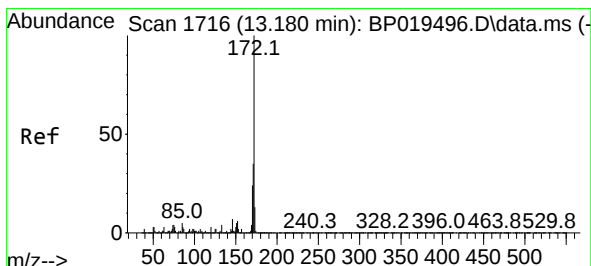
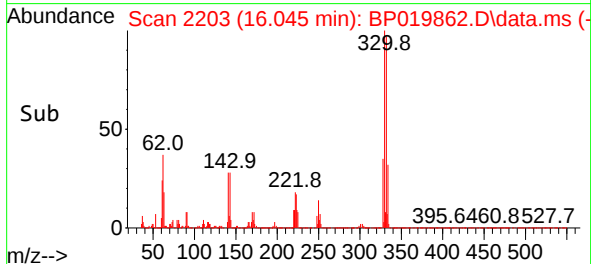
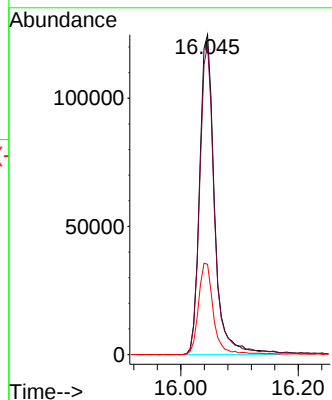
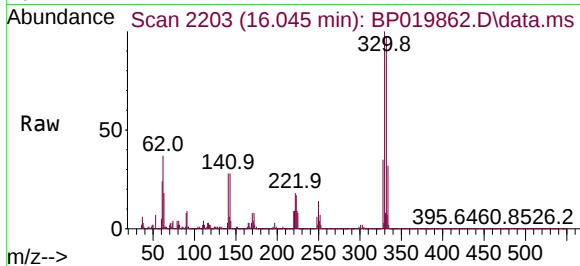




#42
2,4,6-Tribromophenol
Concen: 98.964 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

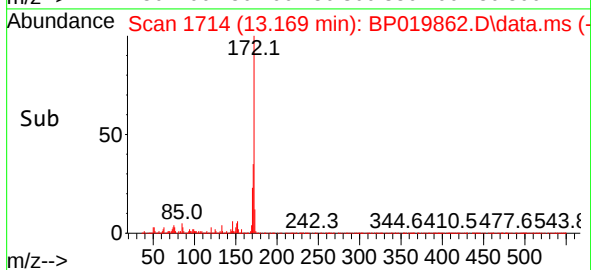
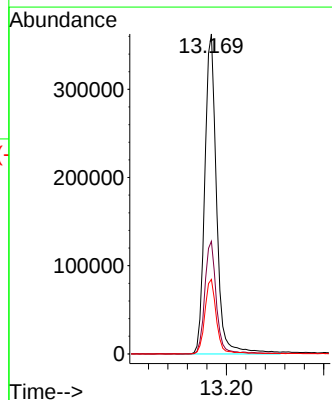
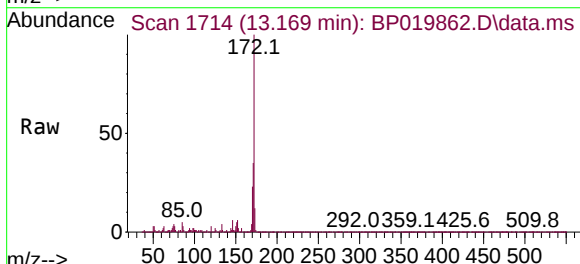
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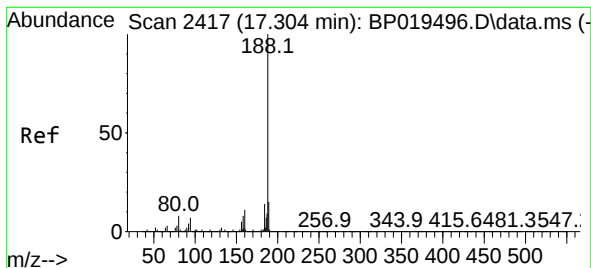
Tgt Ion:330 Resp: 219697
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 28.9 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 49.798 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP019862.D
Acq: 24 Feb 2024 15:18

Tgt Ion:172 Resp: 612473
Ion Ratio Lower Upper
172 100
171 35.2 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: BP019862.D

Acq: 24 Feb 2024 15:18

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10

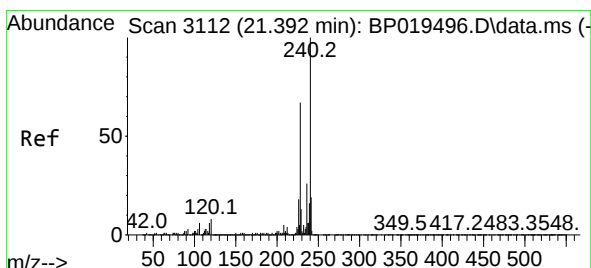
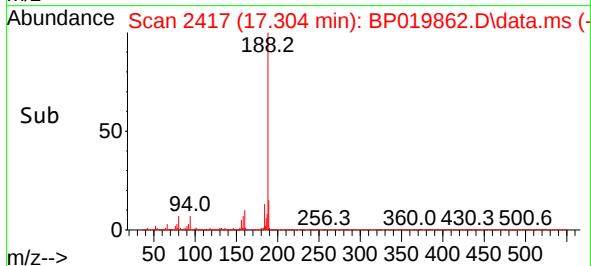
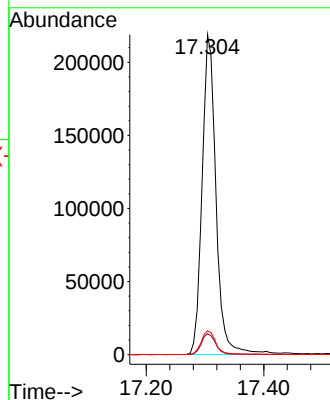
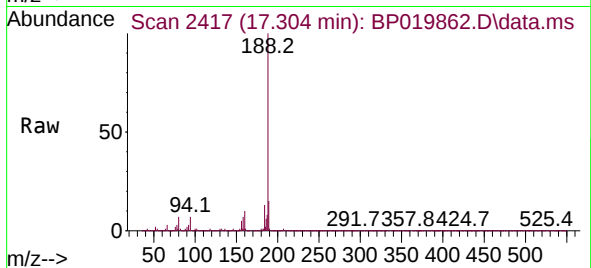
Tgt Ion:188 Resp: 359438

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.4 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: BP019862.D

Acq: 24 Feb 2024 15:18

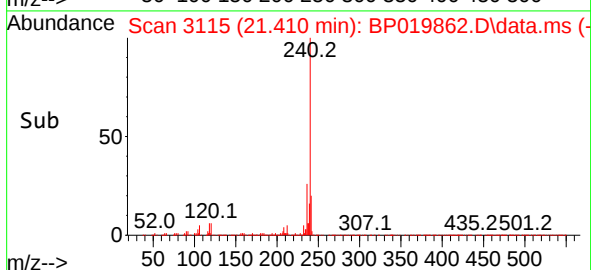
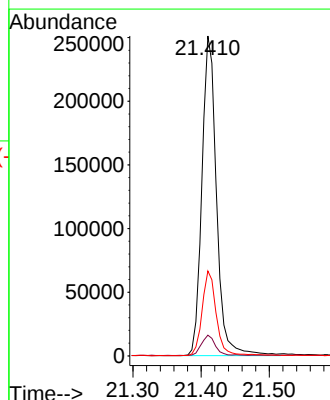
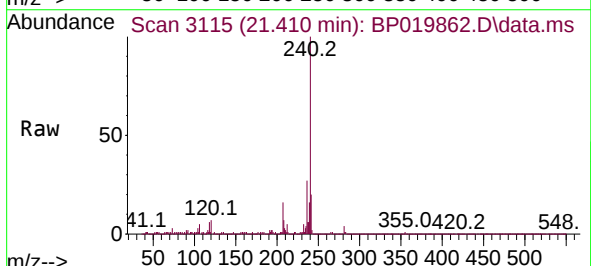
Tgt Ion:240 Resp: 374711

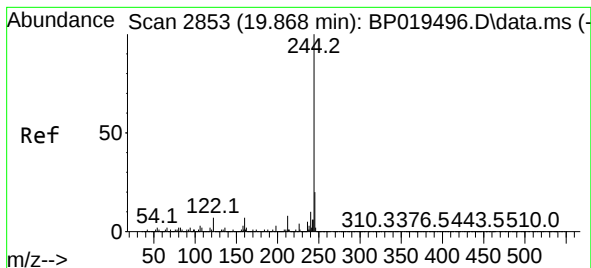
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.5 20.7 31.1





#79

Terphenyl-d14

Concen: 69.077 ng

RT: 19.881 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BP019862.D

Acq: 24 Feb 2024 15:18

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10

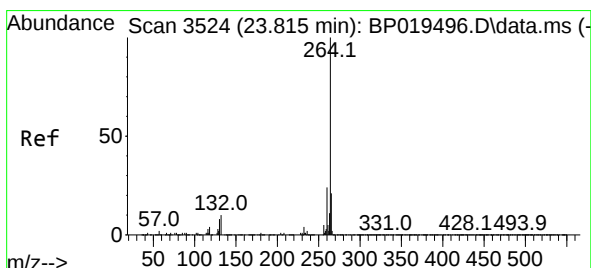
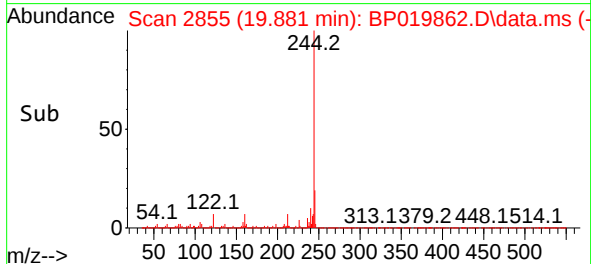
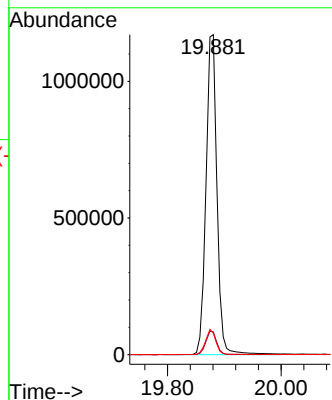
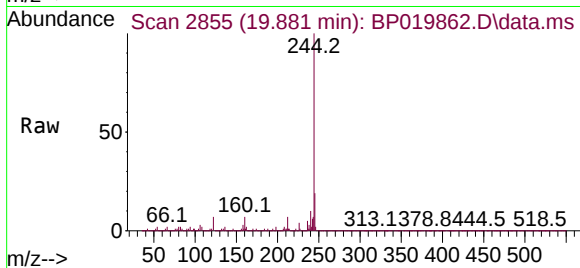
Tgt Ion:244 Resp: 1573920

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3529

Delta R.T. -0.024 min

Lab File: BP019862.D

Acq: 24 Feb 2024 15:18

Tgt Ion:264 Resp: 451027

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.6 17.0 25.4

