

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019635.D
Acq On : 09 Feb 2024 16:45
Operator : MA/JU
Sample : PB158806TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB158806TB

Quant Time: Feb 09 17:23:50 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	95227	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	351776	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	227067	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	473393	20.000	ng	0.00
76) Chrysene-d12	21.386	240	357362	20.000	ng	0.00
86) Perylene-d12	23.810	264	412785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	787682	133.332	ng	0.00
7) Phenol-d6	7.081	99	1002600	125.865	ng	0.00
23) Nitrobenzene-d5	9.075	82	682199	84.033	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	468852	141.419	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1543676	84.043	ng	-0.01
79) Terphenyl-d14	19.863	244	2167918	99.765	ng	0.00

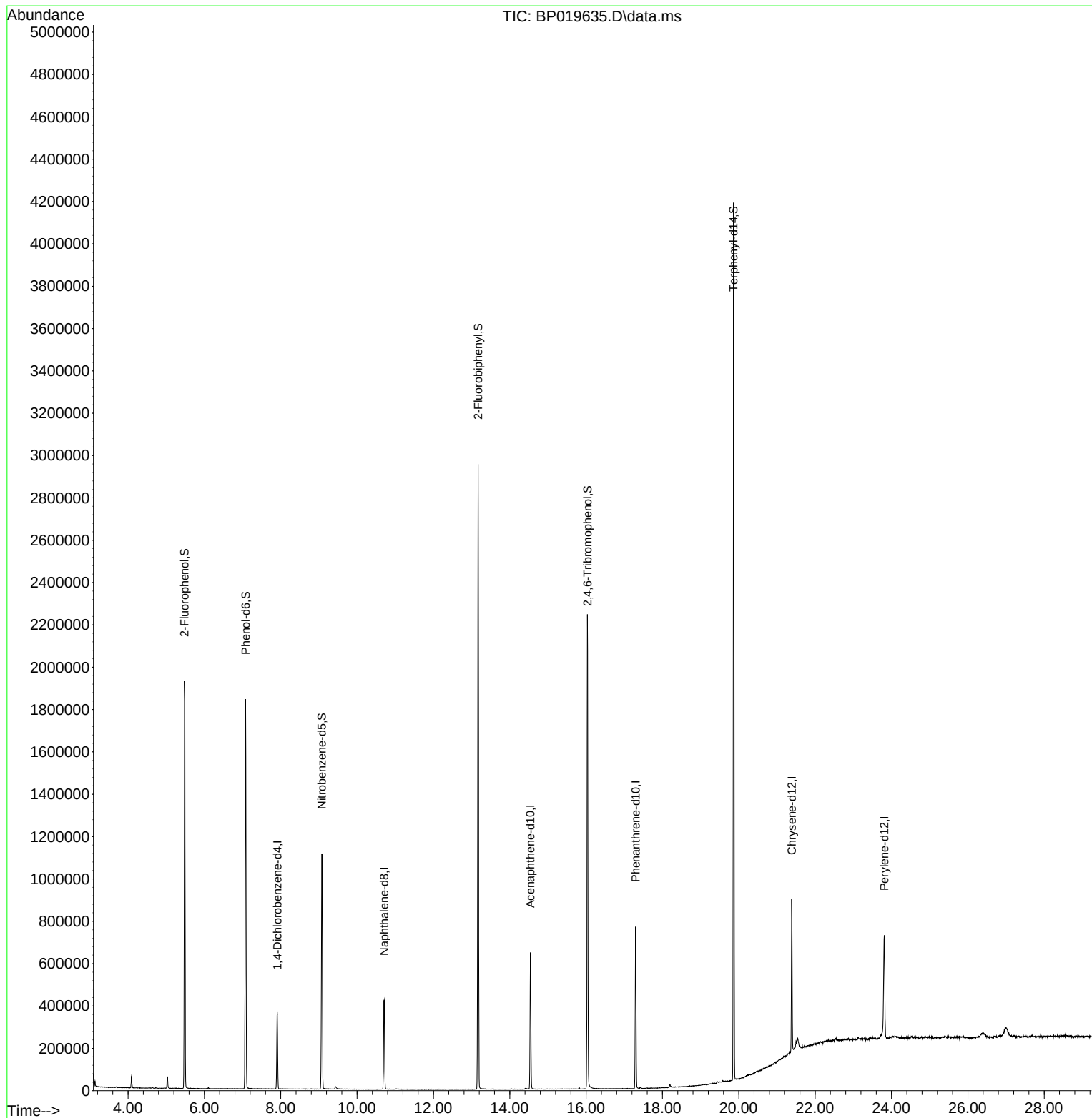
Target Compounds	Qvalue

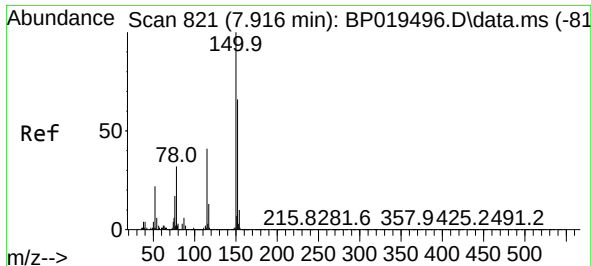
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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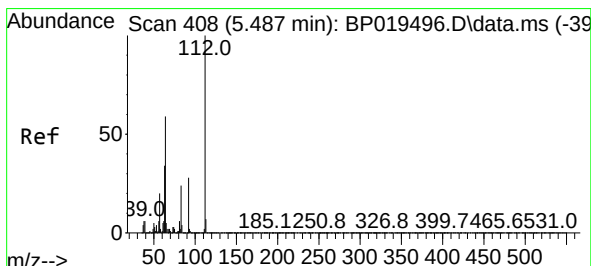
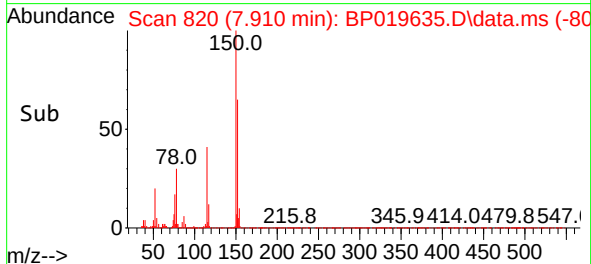
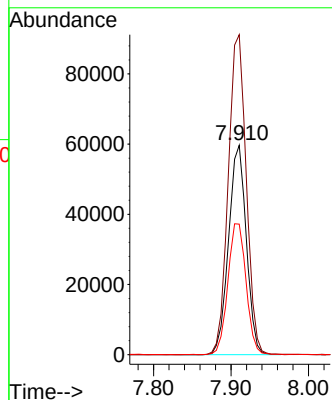
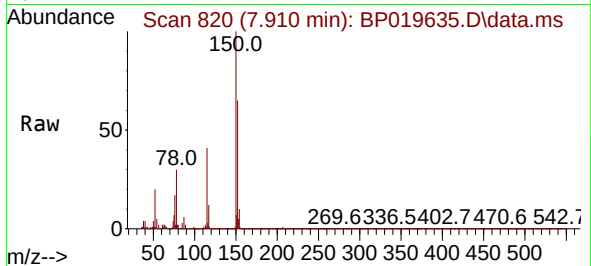




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019635.D
Acq: 09 Feb 2024 16:45

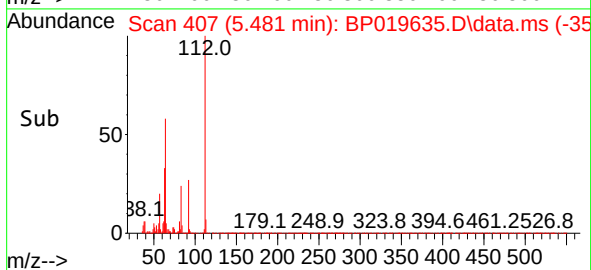
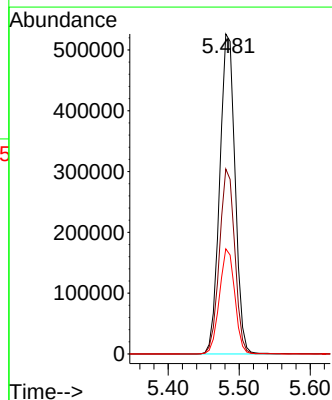
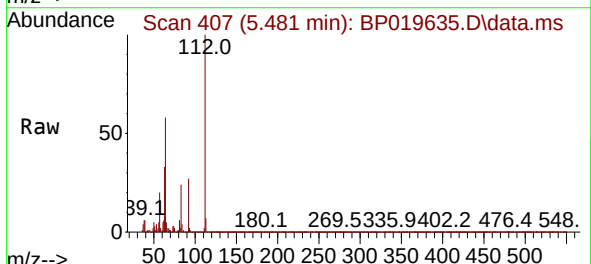
Instrument :
BNA_P
ClientSampleId :
PB158806TB

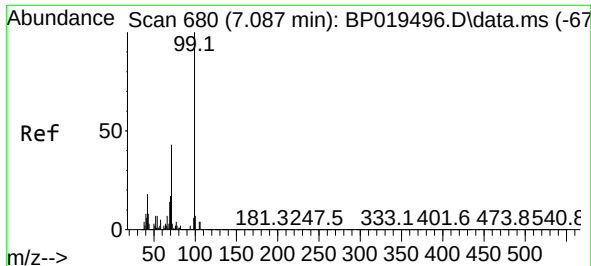
Tgt Ion:152 Resp: 95227
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.8
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 133.332 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019635.D
Acq: 09 Feb 2024 16:45

Tgt Ion:112 Resp: 787682
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 32.8 27.0 40.6

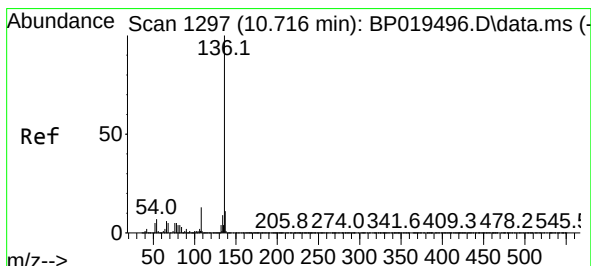
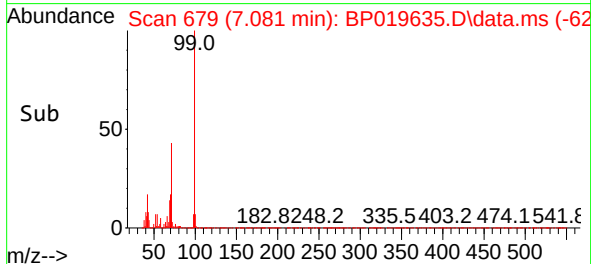
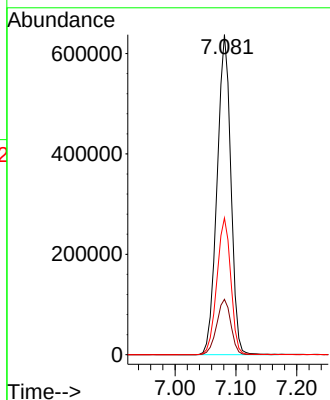
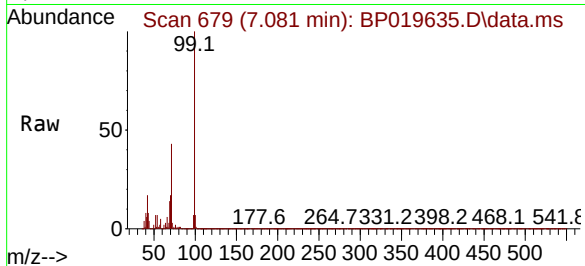




#7
Phenol-d6
Concen: 125.865 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019635.D
Acq: 09 Feb 2024 16:45

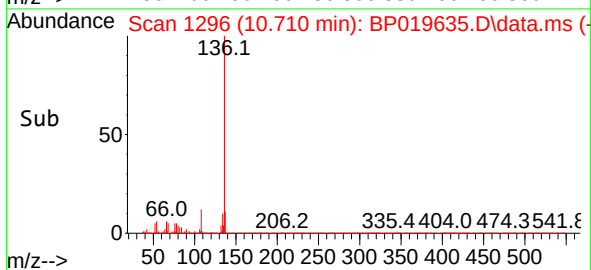
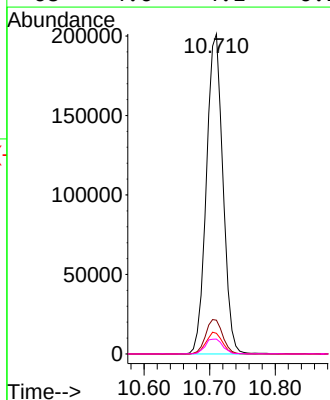
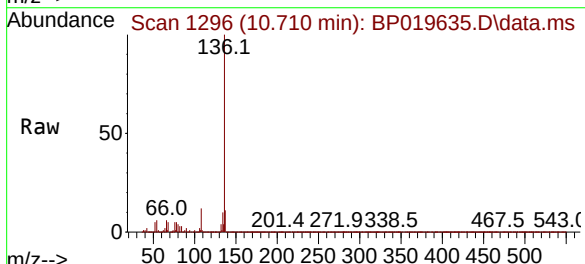
Instrument :
BNA_P
ClientSampleId :
PB158806TB

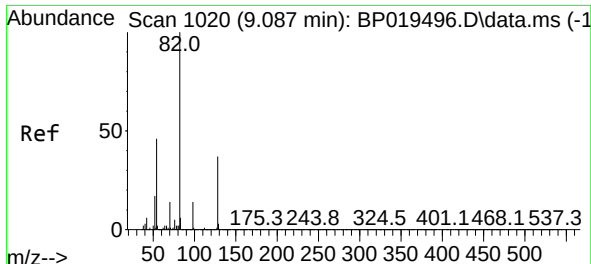
Tgt Ion: 99 Resp: 1002600
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019635.D
Acq: 09 Feb 2024 16:45

Tgt Ion: 136 Resp: 351776
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.4 5.3 7.9
68 4.6 4.1 6.1

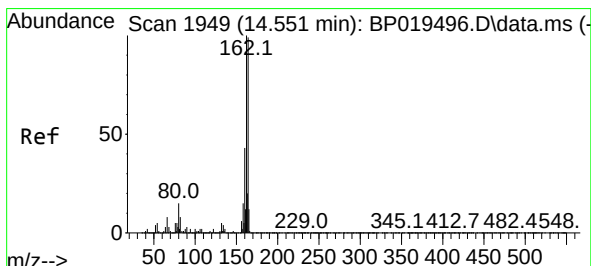
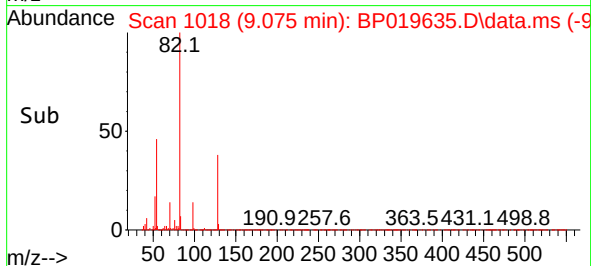
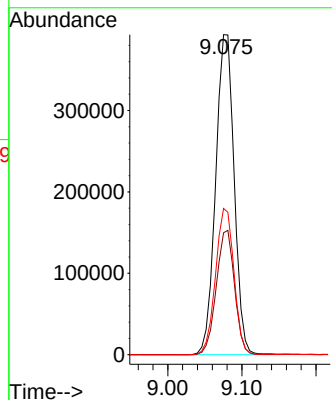
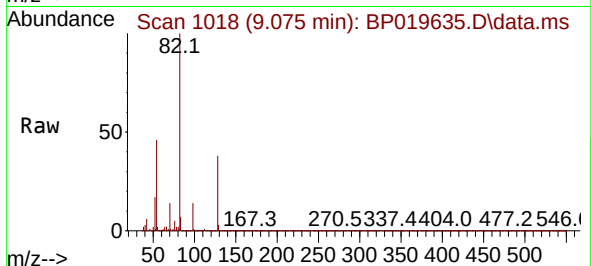




#23
Nitrobenzene-d5
Concen: 84.033 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019635.D
Acq: 09 Feb 2024 16:45

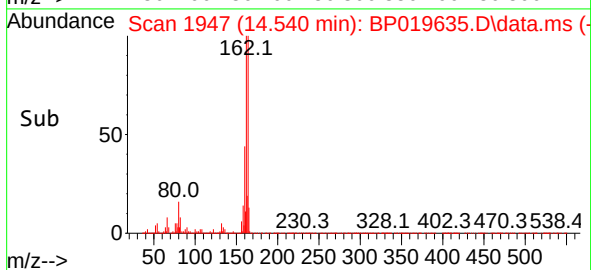
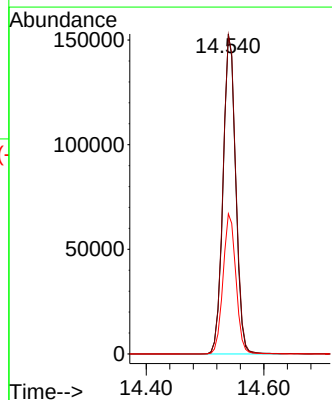
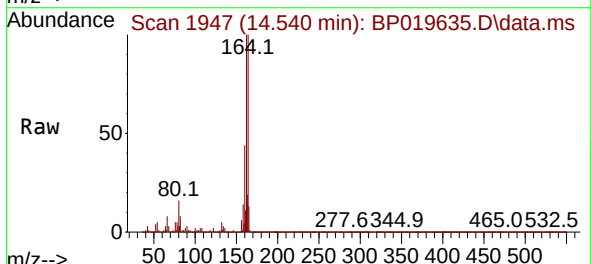
Instrument :
BNA_P
ClientSampleId :
PB158806TB

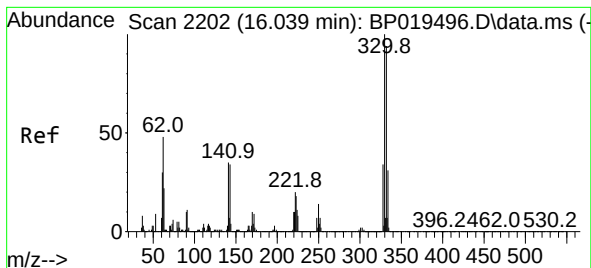
Tgt Ion: 82 Resp: 682199
Ion Ratio Lower Upper
82 100
128 38.1 29.7 44.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019635.D
Acq: 09 Feb 2024 16:45

Tgt Ion: 164 Resp: 227067
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 141.419 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019635.D

Acq: 09 Feb 2024 16:45

Instrument :

BNA_P

ClientSampleId :

PB158806TB

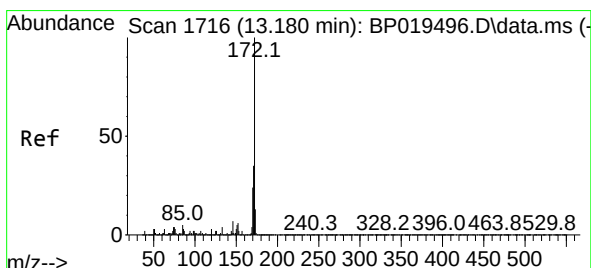
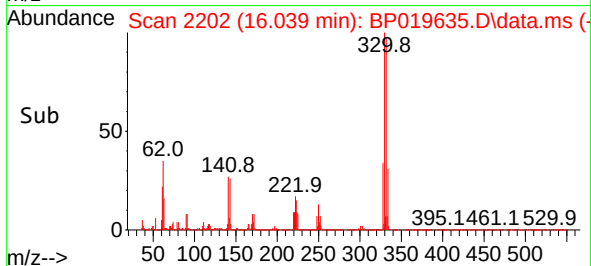
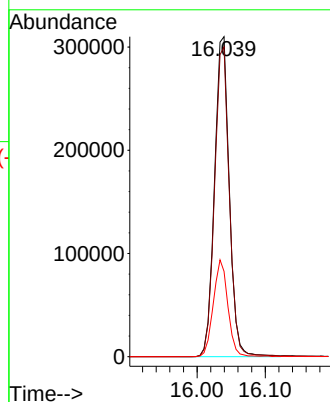
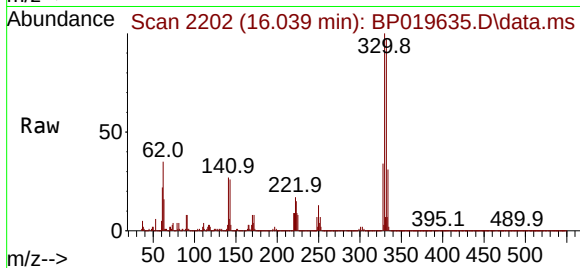
Tgt Ion:330 Resp: 468852

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 29.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.043 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019635.D

Acq: 09 Feb 2024 16:45

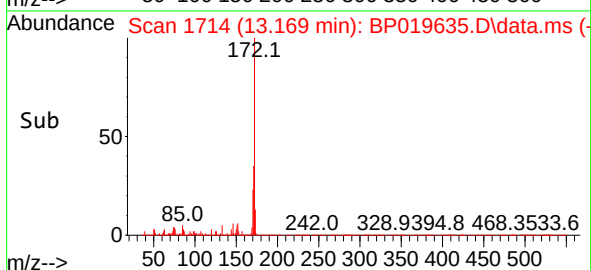
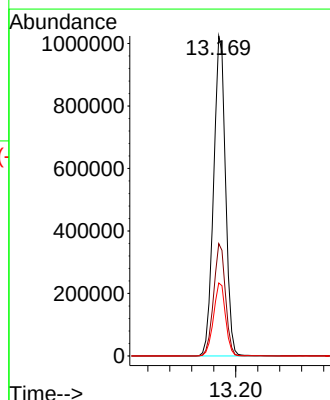
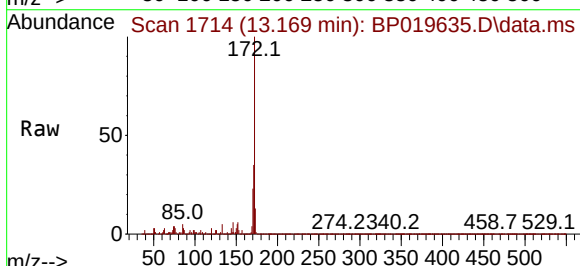
Tgt Ion:172 Resp: 1543676

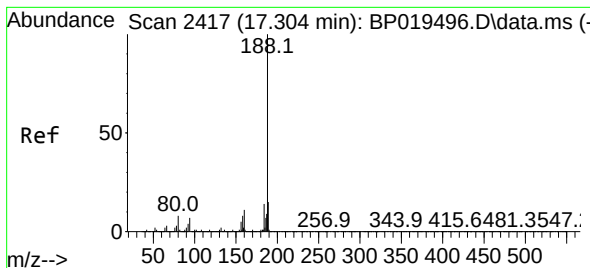
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019635.D

Acq: 09 Feb 2024 16:45

Instrument :

BNA_P

ClientSampleId :

PB158806TB

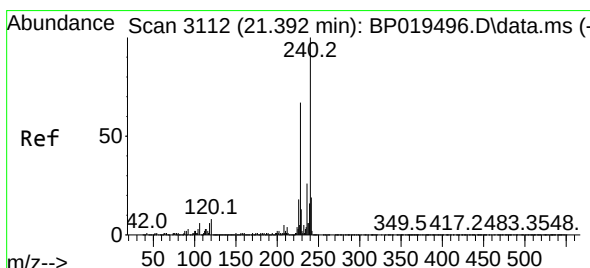
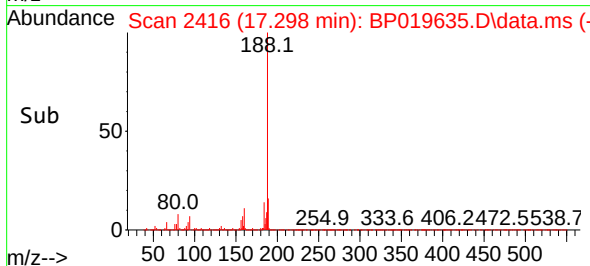
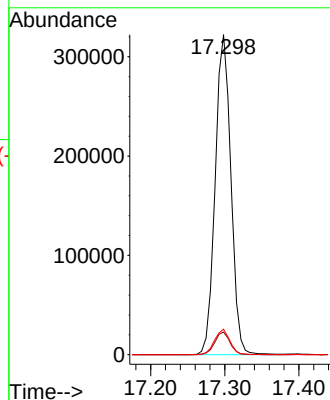
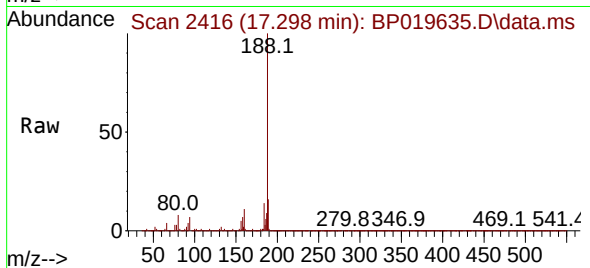
Tgt Ion:188 Resp: 473393

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019635.D

Acq: 09 Feb 2024 16:45

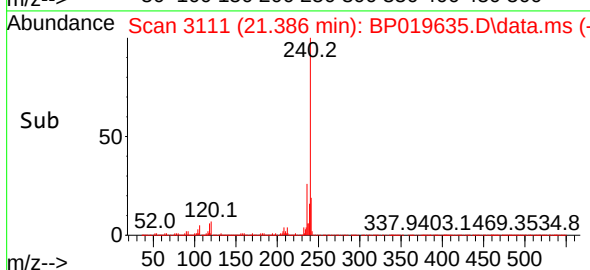
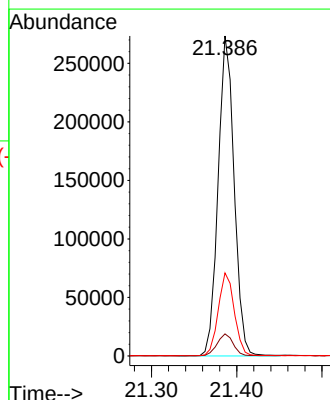
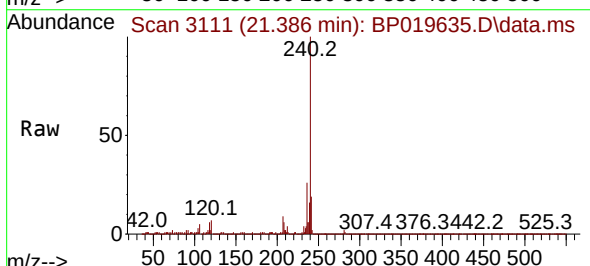
Tgt Ion:240 Resp: 357362

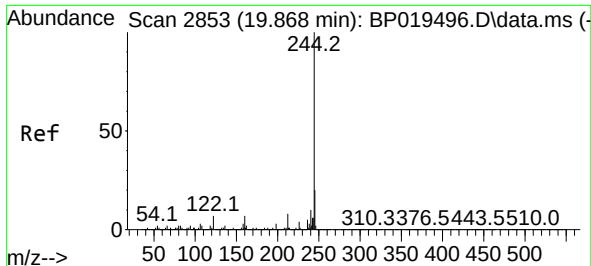
Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

236 25.9 20.7 31.1



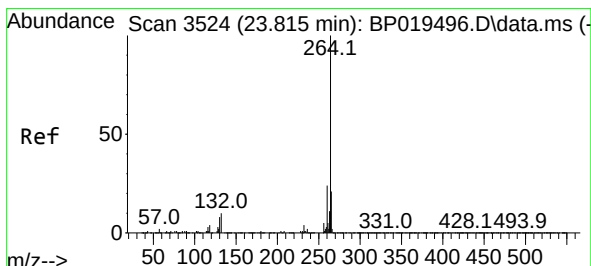
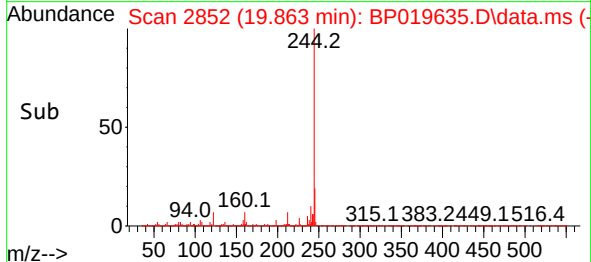
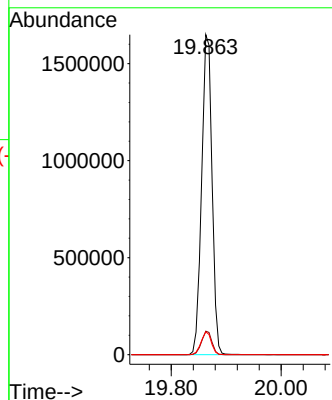
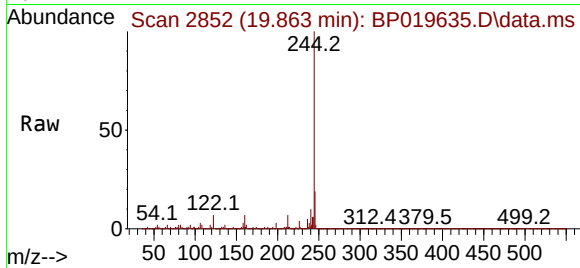


#79
 Terphenyl-d14
 Concen: 99.765 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019635.D
 Acq: 09 Feb 2024 16:45

Instrument :
 BNA_P
 ClientSampleId :
 PB158806TB

Tgt Ion:244 Resp: 2167918

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	7.2	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP019635.D
 Acq: 09 Feb 2024 16:45

Tgt Ion:264 Resp: 412785

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.0	25.4

