

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019685.D
 Acq On : 13 Feb 2024 19:24
 Operator : MA/JU
 Sample : P1446-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT3475

Quant Time: Feb 13 23:26:50 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	7.899	152	66450	20.000	ng	-0.02
21) Naphthalene-d8	10.705	136	247423	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	165120	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	390377	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	390327	20.000	ng	0.00
86) Perylene-d12	23.804	264	454245	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	344764	83.632	ng	-0.01
7) Phenol-d6	7.075	99	591424	106.400	ng	-0.01
23) Nitrobenzene-d5	9.069	82	437529	76.625	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	174410	72.343	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1066459	79.844	ng	-0.02
79) Terphenyl-d14	19.863	244	2029603	85.512	ng	0.00

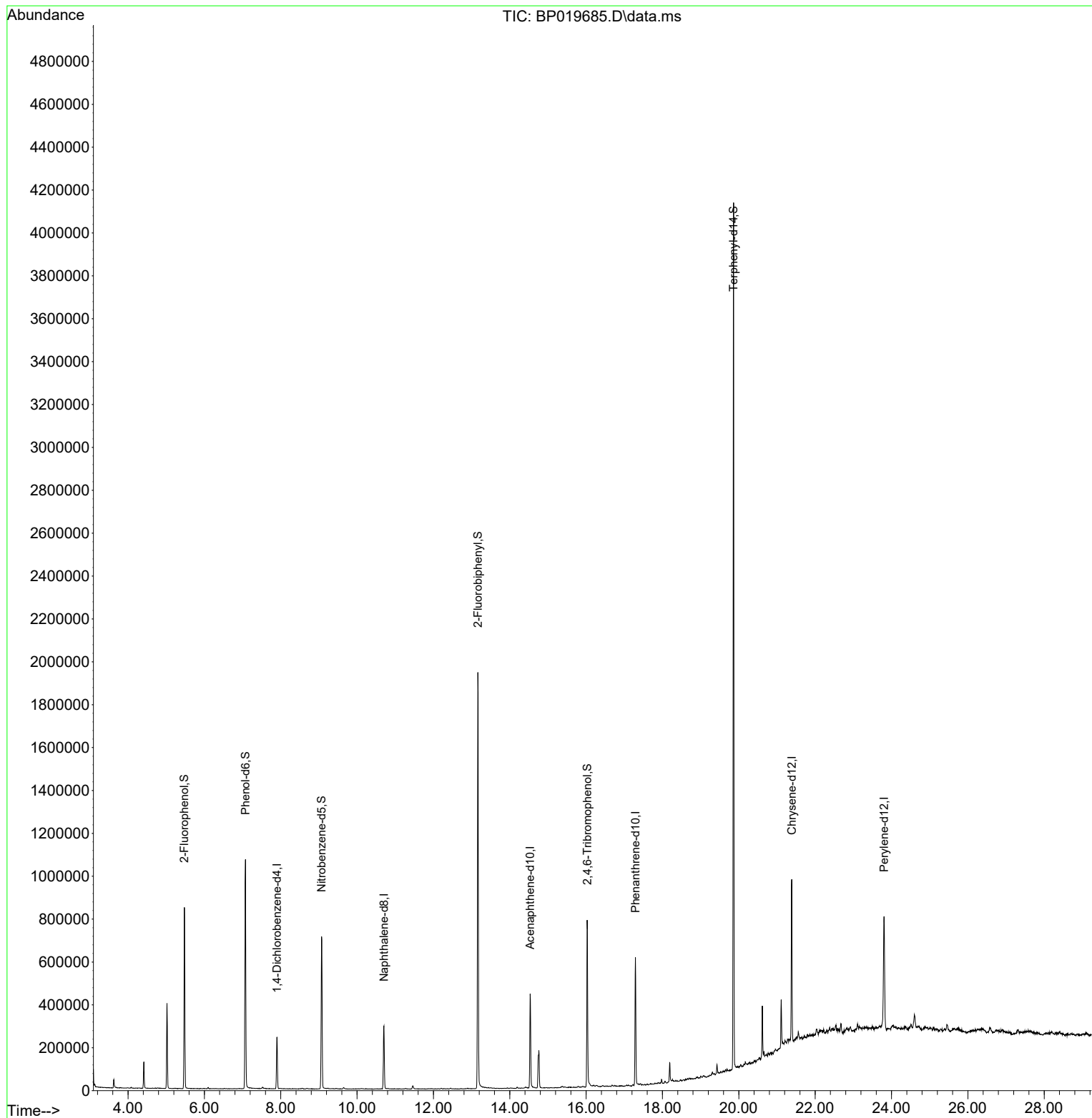
Target Compounds	Qvalue

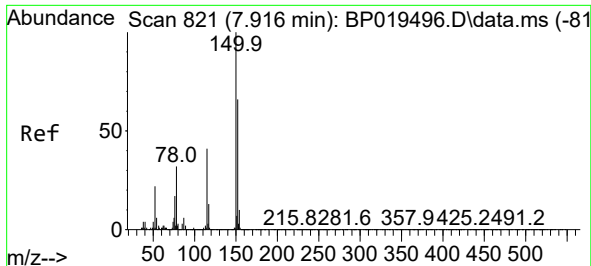
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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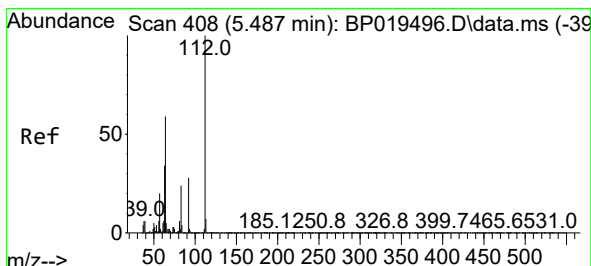
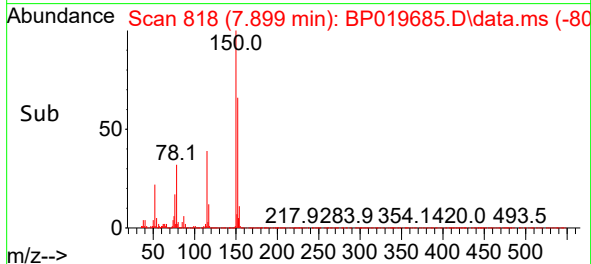
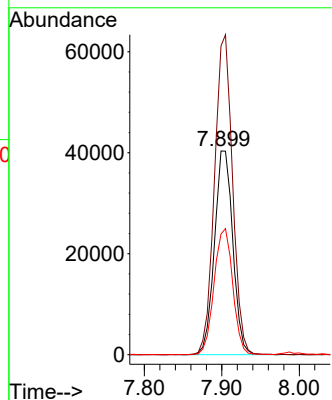
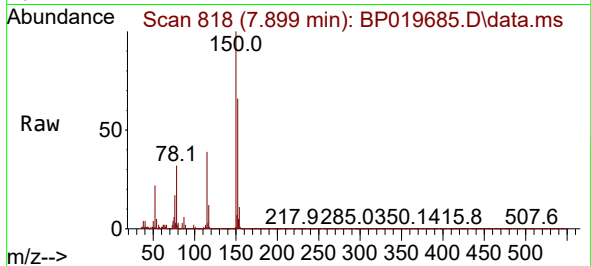




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019685.D
Acq: 13 Feb 2024 19:24

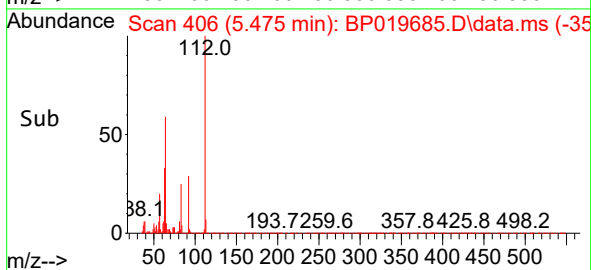
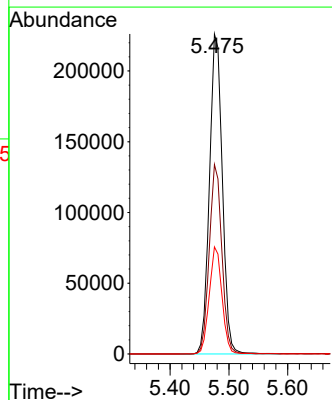
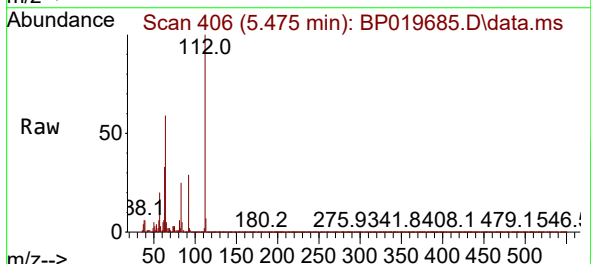
Instrument :
BNA_P
ClientSampleId :
RT3475

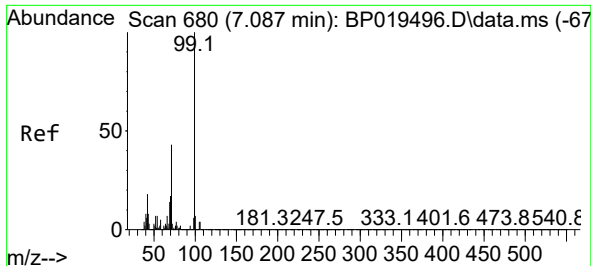
Tgt Ion:152 Resp: 66450
Ion Ratio Lower Upper
152 100
150 151.5 121.8 182.8
115 59.2 49.9 74.9



#5
2-Fluorophenol
Concen: 83.632 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019685.D
Acq: 13 Feb 2024 19:24

Tgt Ion:112 Resp: 344764
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 33.5 27.0 40.6

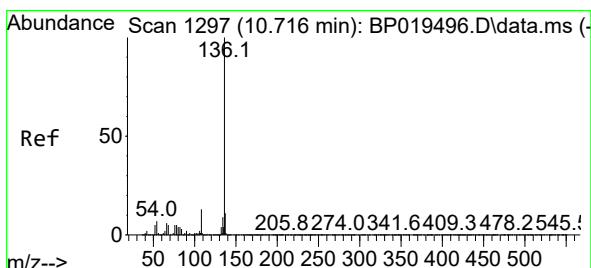
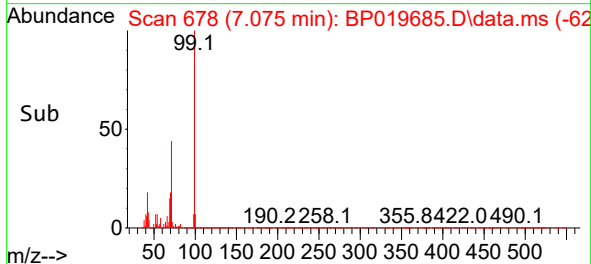
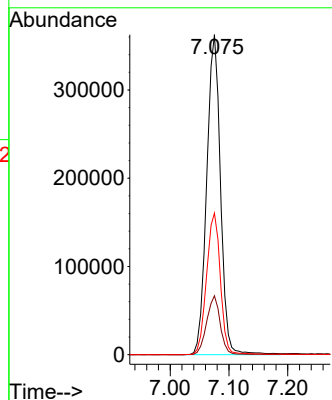
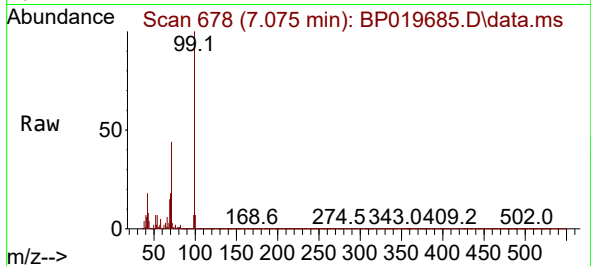




#7
Phenol-d6
Concen: 106.400 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019685.D
Acq: 13 Feb 2024 19:24

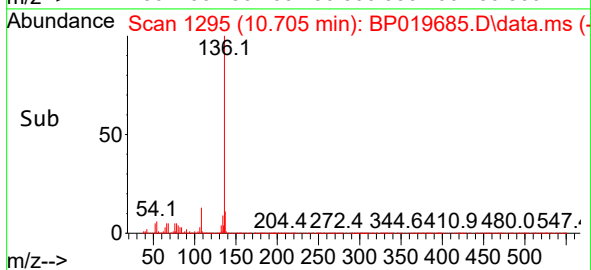
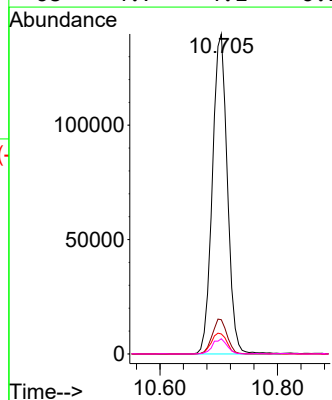
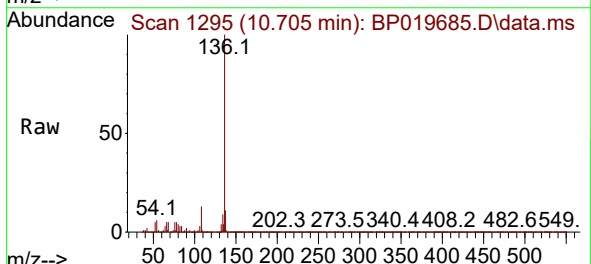
Instrument :
BNA_P
ClientSampleId :
RT3475

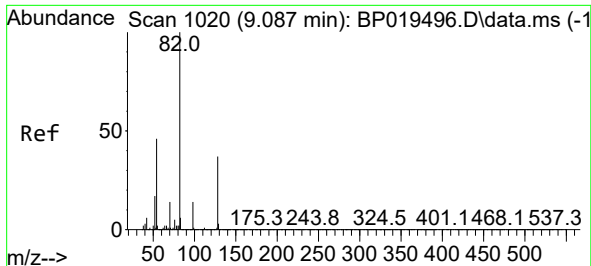
Tgt Ion: 99 Resp: 591424
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 44.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019685.D
Acq: 13 Feb 2024 19:24

Tgt Ion: 136 Resp: 247423
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.3 5.3 7.9
68 4.7 4.1 6.1

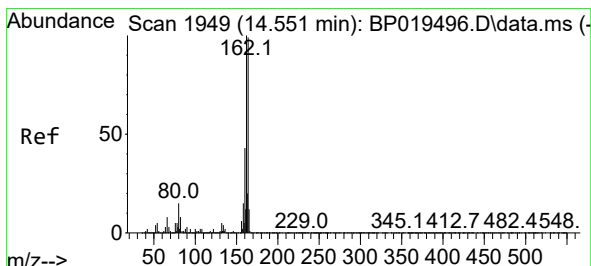
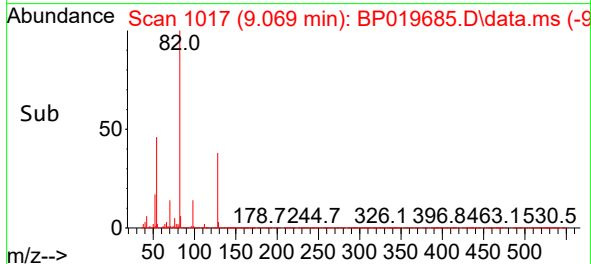
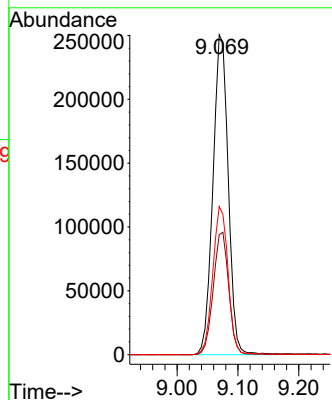
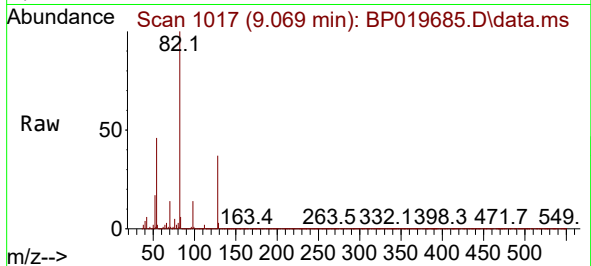




#23
Nitrobenzene-d5
Concen: 76.625 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019685.D
Acq: 13 Feb 2024 19:24

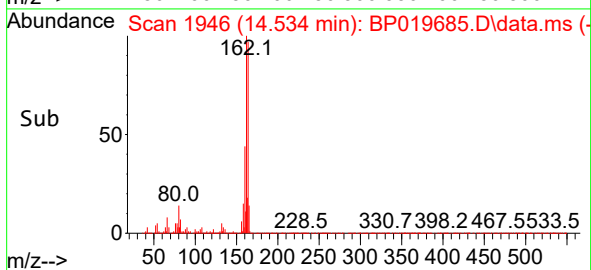
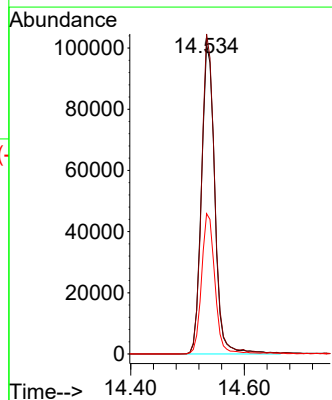
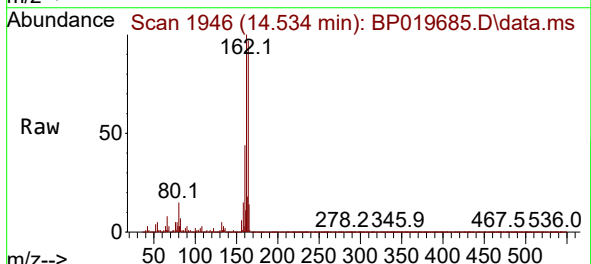
Instrument :
BNA_P
ClientSampleId :
RT3475

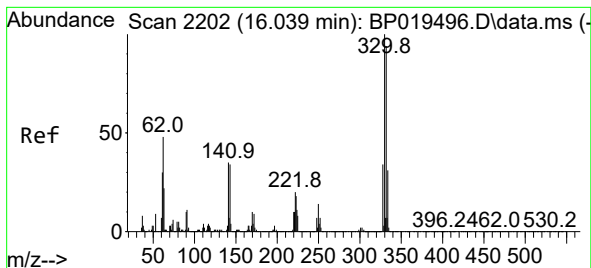
Tgt Ion: 82 Resp: 437529
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 46.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019685.D
Acq: 13 Feb 2024 19:24

Tgt Ion: 164 Resp: 165120
Ion Ratio Lower Upper
164 100
162 103.3 81.2 121.8
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 72.343 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019685.D

Acq: 13 Feb 2024 19:24

Instrument :

BNA_P

ClientSampleId :

RT3475

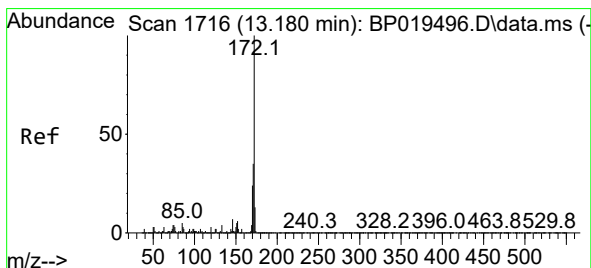
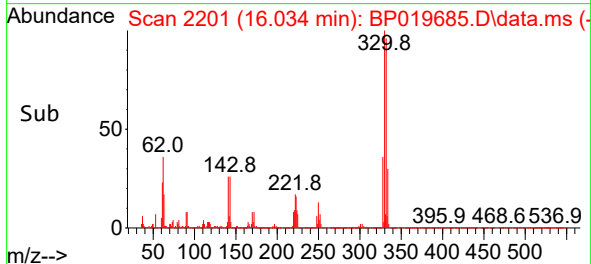
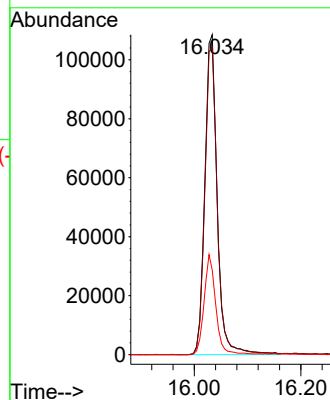
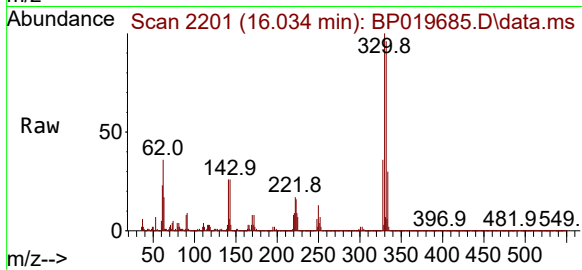
Tgt Ion:330 Resp: 174410

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 29.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.844 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019685.D

Acq: 13 Feb 2024 19:24

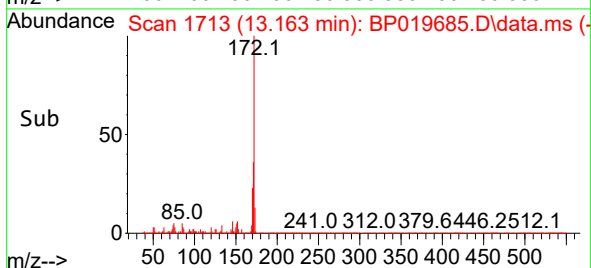
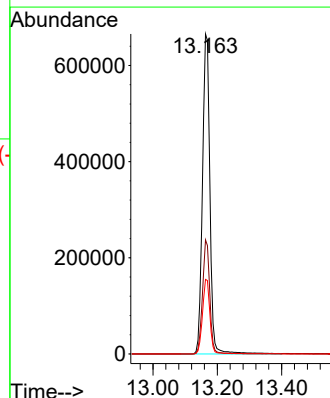
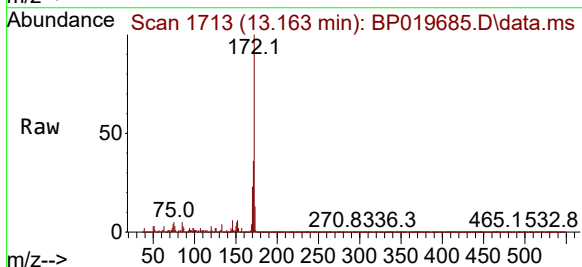
Tgt Ion:172 Resp: 1066459

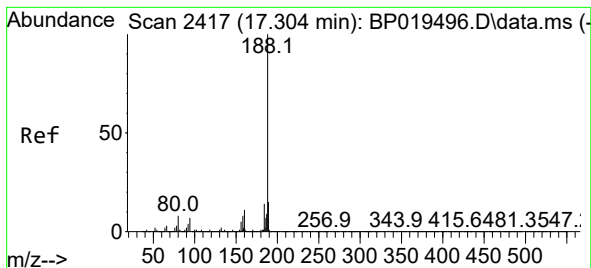
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019685.D

Acq: 13 Feb 2024 19:24

Instrument :

BNA_P

ClientSampleId :

RT3475

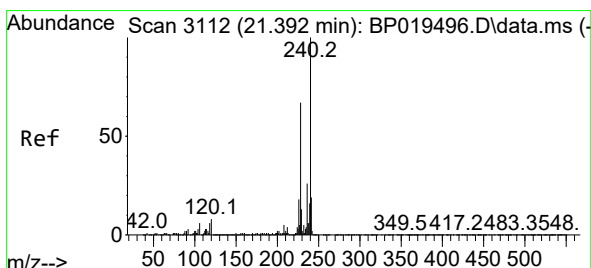
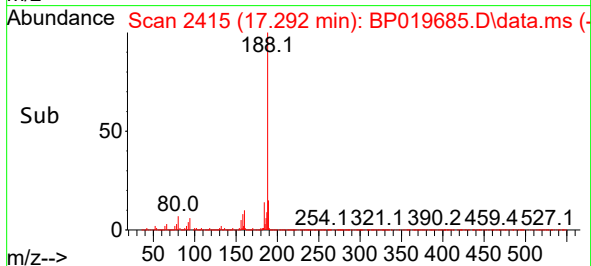
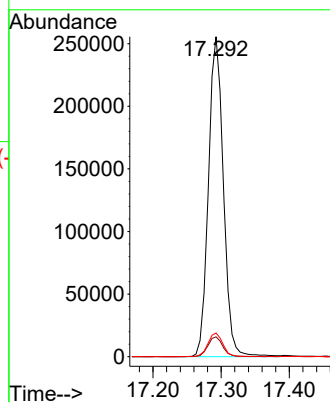
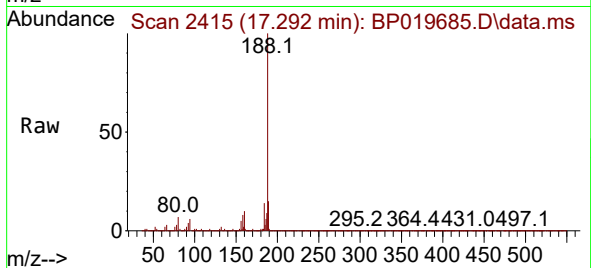
Tgt Ion:188 Resp: 390377

Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.2

80 7.4 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019685.D

Acq: 13 Feb 2024 19:24

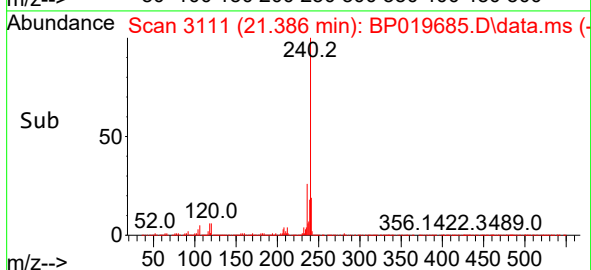
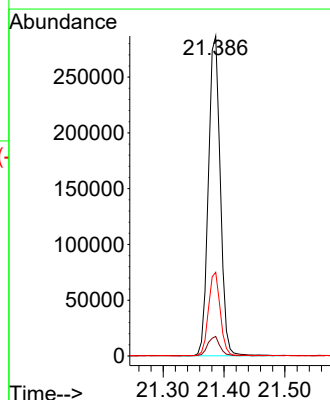
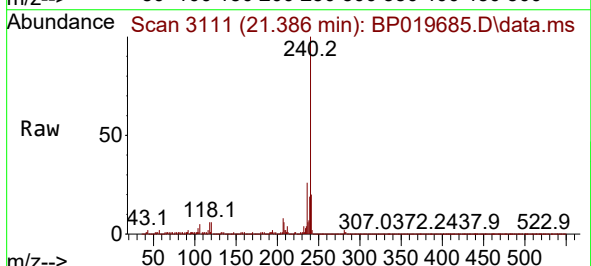
Tgt Ion:240 Resp: 390327

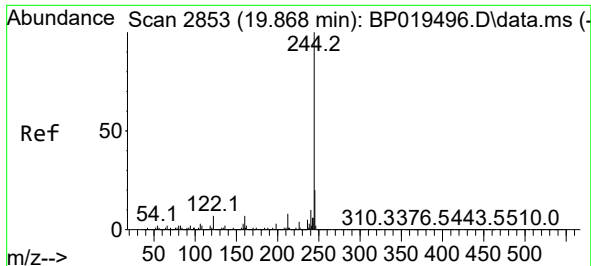
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 26.2 20.7 31.1

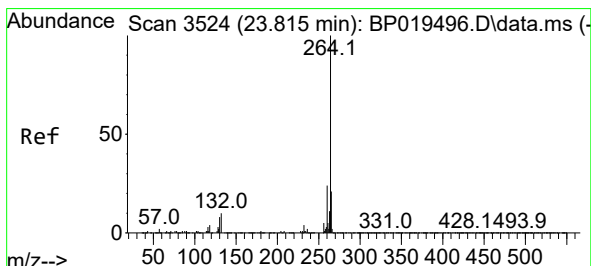
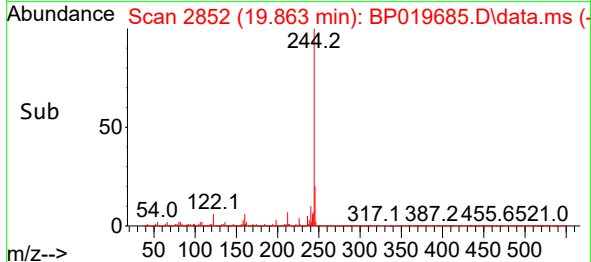
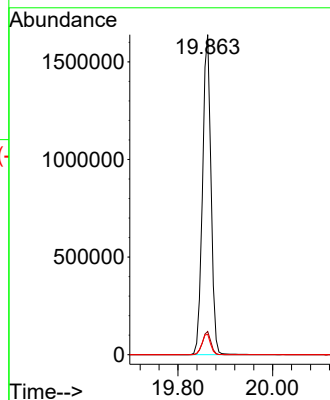
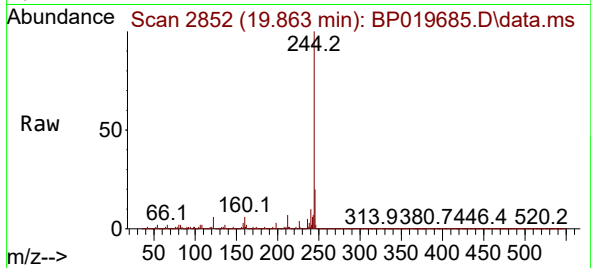




#79
 Terphenyl-d14
 Concen: 85.512 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP019685.D
 Acq: 13 Feb 2024 19:24

Instrument :
 BNA_P
 ClientSampleId :
 RT3475

Tgt Ion:244 Resp: 2029603
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.3 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.011 min
 Lab File: BP019685.D
 Acq: 13 Feb 2024 19:24

Tgt Ion:264 Resp: 454245
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.6 17.0 25.4

