

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019800.D
 Acq On : 21 Feb 2024 10:35
 Operator : MA/JU
 Sample : PB159140BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BL

Quant Time: Feb 21 11:08:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	65710	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	232877	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	148319	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	354037	20.000	ng	0.00
76) Chrysene-d12	21.380	240	366543	20.000	ng	-0.01
86) Perylene-d12	23.804	264	434446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	486961	119.456	ng	0.00
7) Phenol-d6	7.069	99	595092	108.265	ng	0.00
23) Nitrobenzene-d5	9.063	82	414483	77.123	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	330773	152.742	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	944078	78.688	ng	0.00
79) Terphenyl-d14	19.857	244	1892945	84.929	ng	0.00

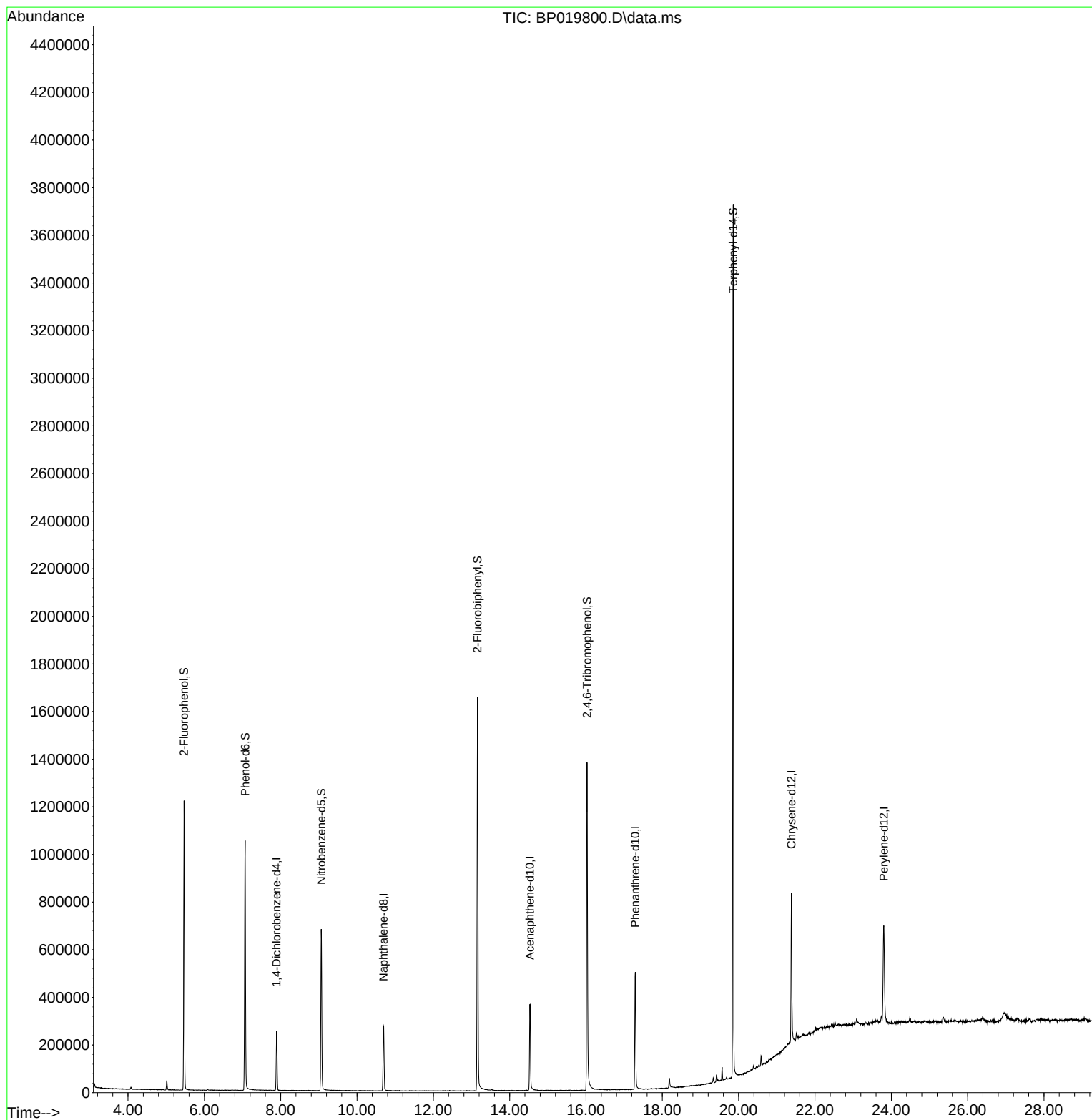
Target Compounds	Qvalue

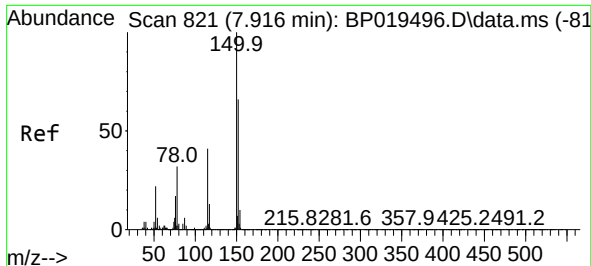
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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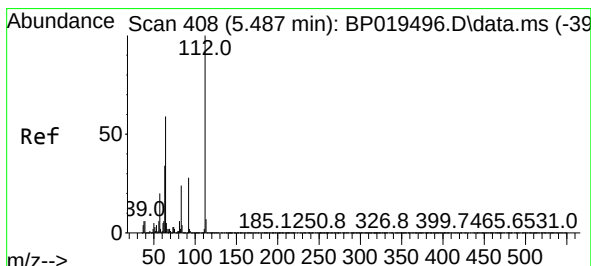
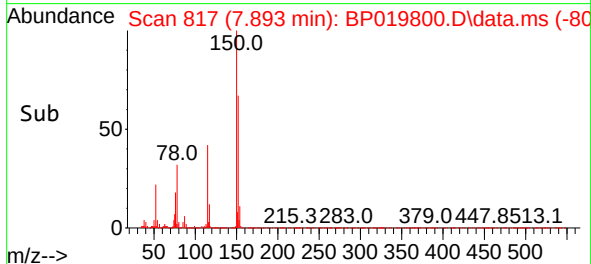
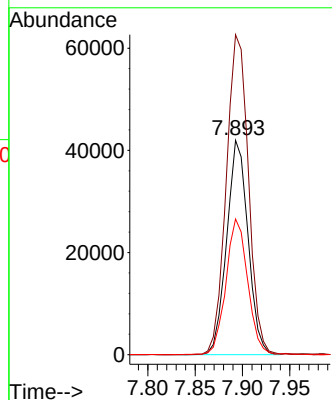
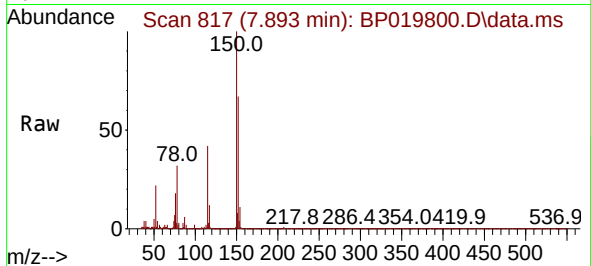




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019800.D
Acq: 21 Feb 2024 10:35

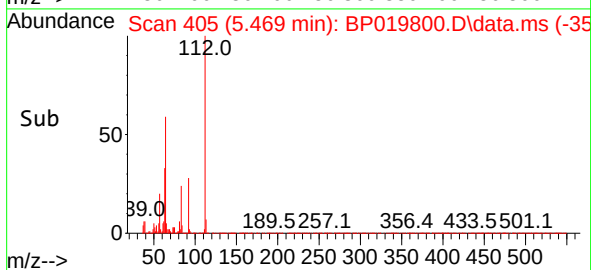
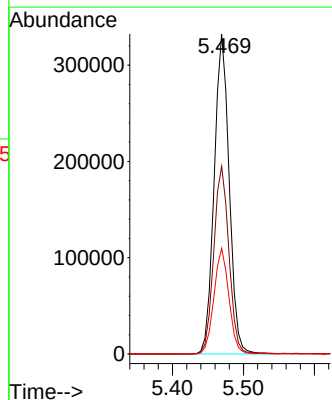
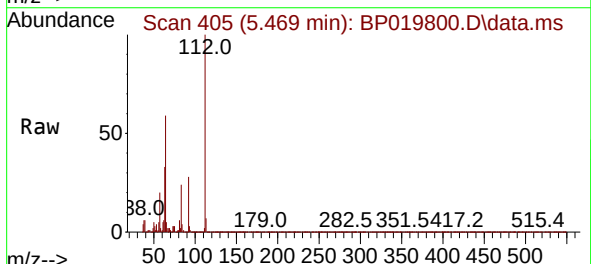
Instrument :
BNA_P
ClientSampleId :
PB159140BL

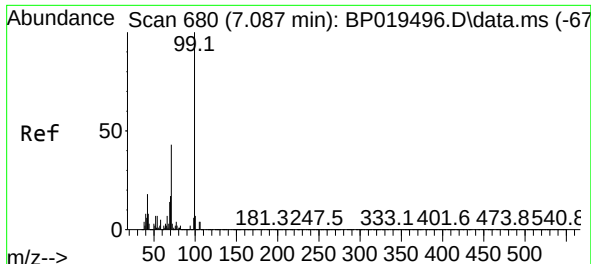
Tgt Ion:152 Resp: 65710
Ion Ratio Lower Upper
152 100
150 149.2 121.8 182.8
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 119.456 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019800.D
Acq: 21 Feb 2024 10:35

Tgt Ion:112 Resp: 486961
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 33.0 27.0 40.6

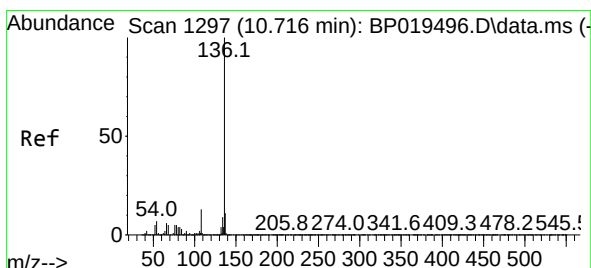
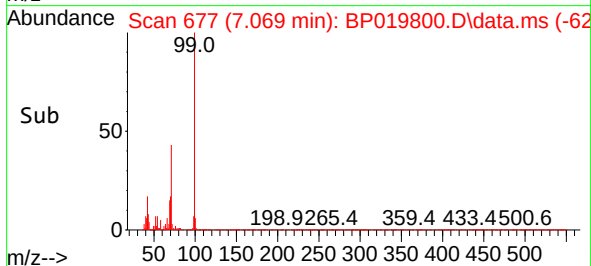
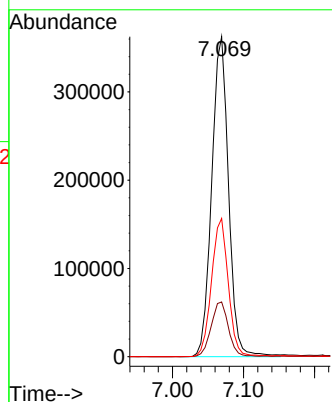
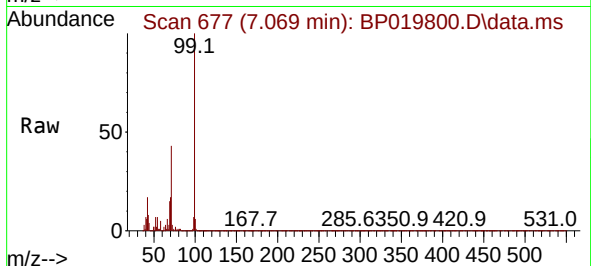




#7
Phenol-d6
Concen: 108.265 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019800.D
Acq: 21 Feb 2024 10:35

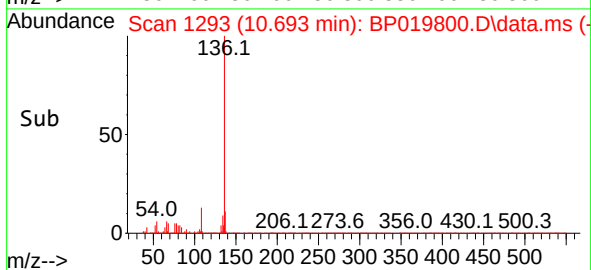
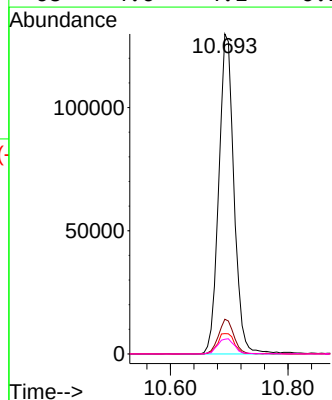
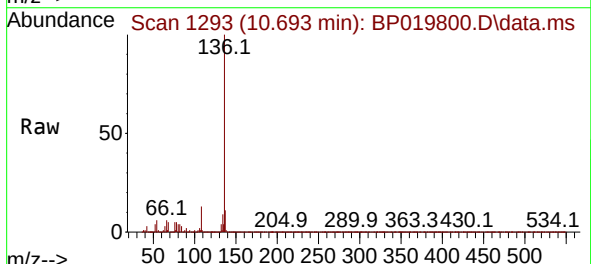
Instrument :
BNA_P
ClientSampleId :
PB159140BL

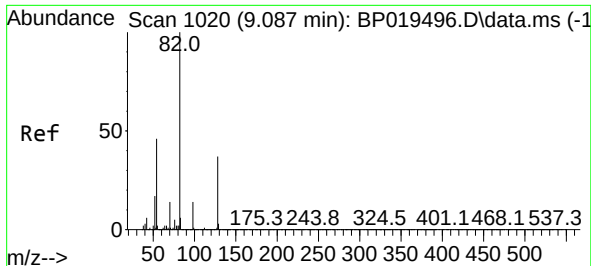
Tgt Ion: 99 Resp: 595092
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 43.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019800.D
Acq: 21 Feb 2024 10:35

Tgt Ion: 136 Resp: 232877
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.3 7.9
68 4.6 4.1 6.1

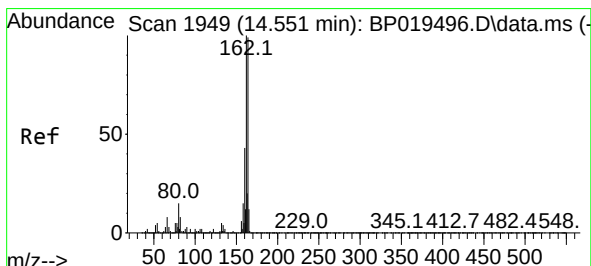
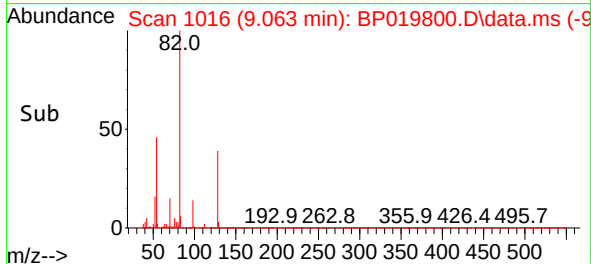
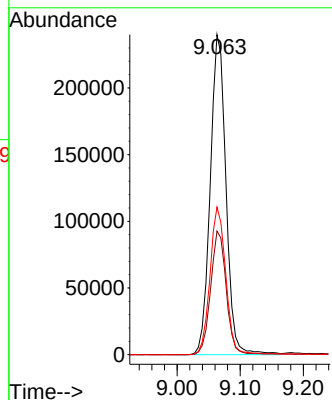
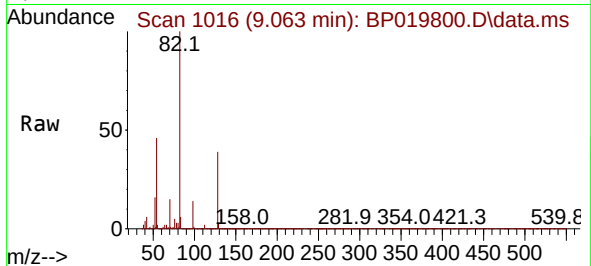




#23
Nitrobenzene-d5
Concen: 77.123 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019800.D
Acq: 21 Feb 2024 10:35

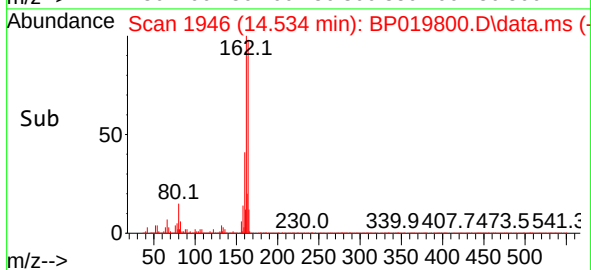
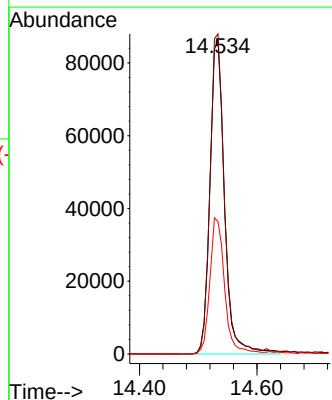
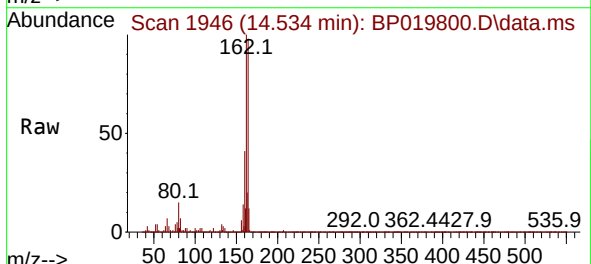
Instrument :
BNA_P
ClientSampleId :
PB159140BL

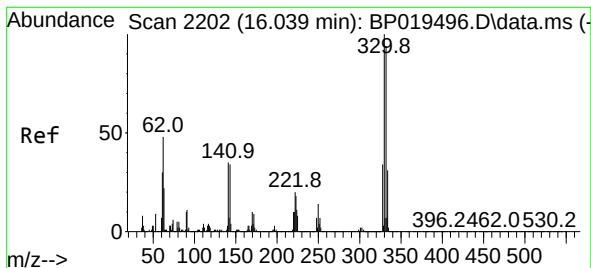
Tgt Ion: 82 Resp: 414483
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 46.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019800.D
Acq: 21 Feb 2024 10:35

Tgt Ion:164 Resp: 148319
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 42.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 152.742 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019800.D

Acq: 21 Feb 2024 10:35

Instrument :

BNA_P

ClientSampleId :

PB159140BL

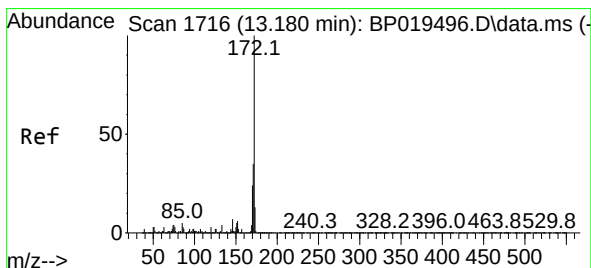
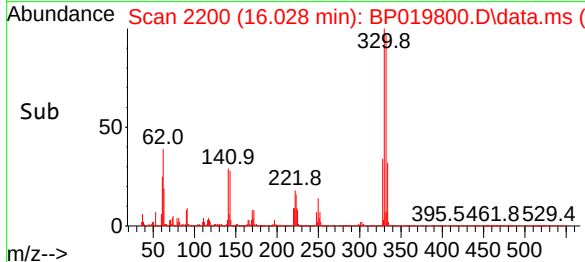
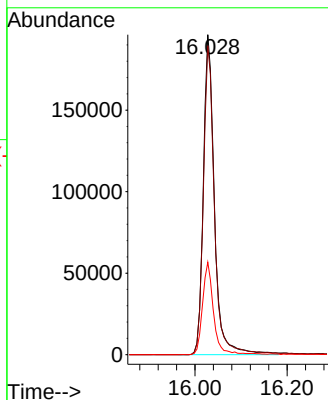
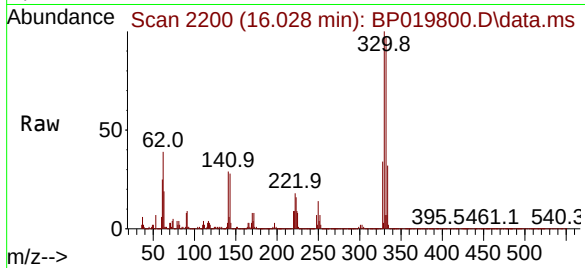
Tgt Ion:330 Resp: 330773

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.688 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019800.D

Acq: 21 Feb 2024 10:35

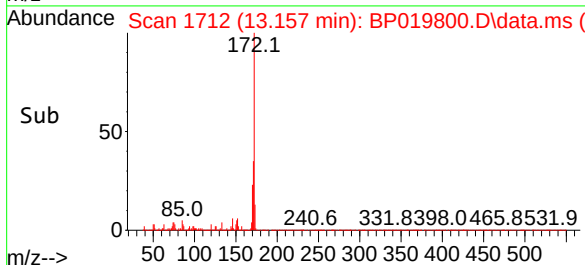
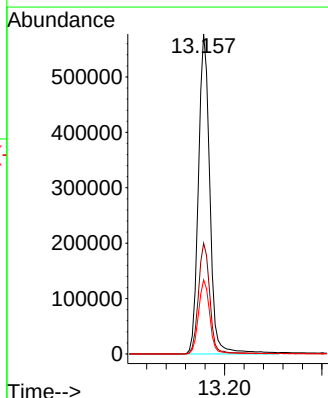
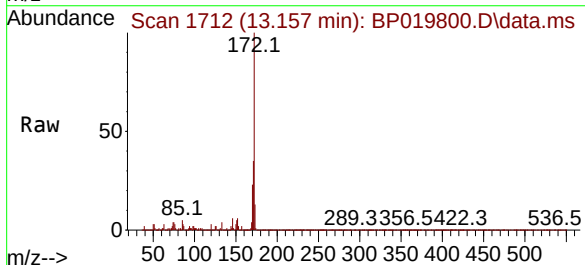
Tgt Ion:172 Resp: 944078

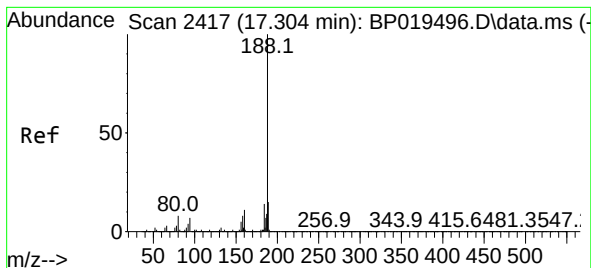
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BP019800.D

Acq: 21 Feb 2024 10:35

Instrument :

BNA_P

ClientSampleId :

PB159140BL

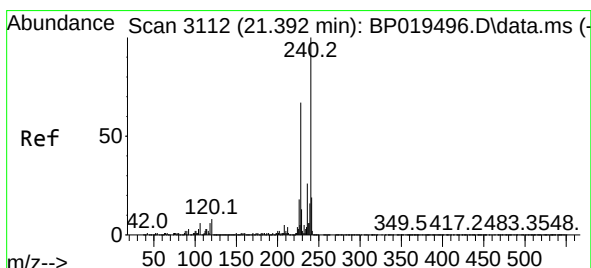
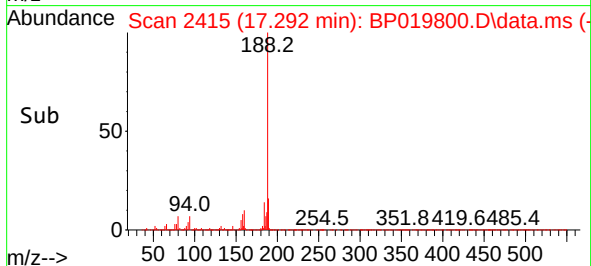
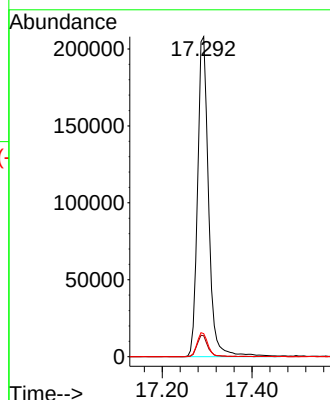
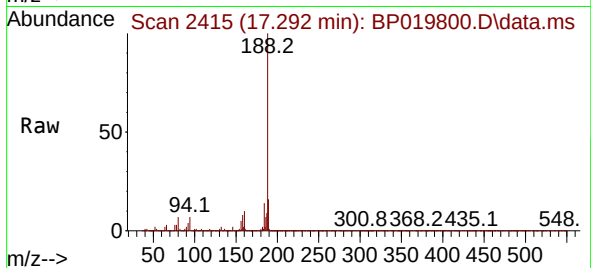
Tgt Ion:188 Resp: 354037

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.2 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019800.D

Acq: 21 Feb 2024 10:35

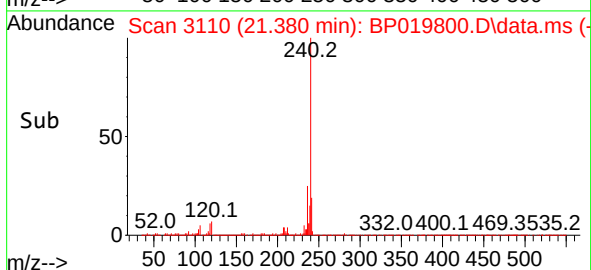
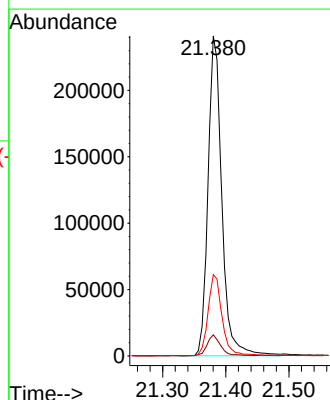
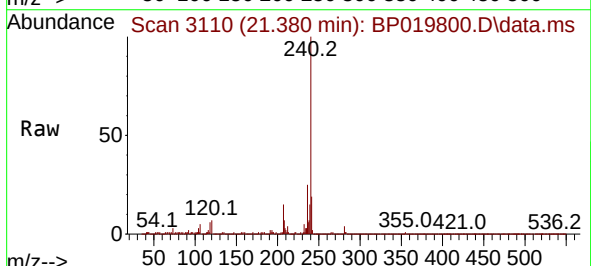
Tgt Ion:240 Resp: 366543

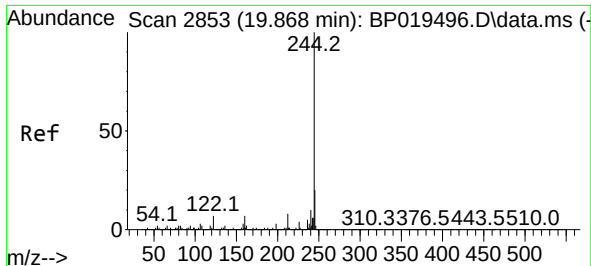
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.4 20.7 31.1



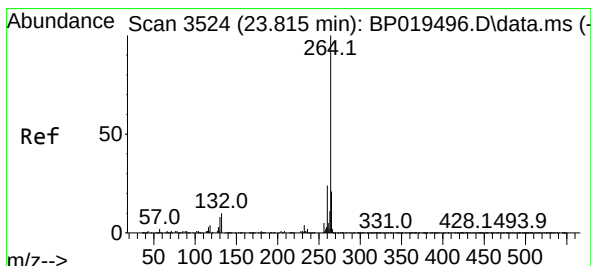
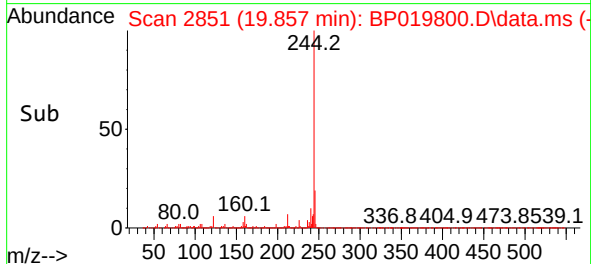
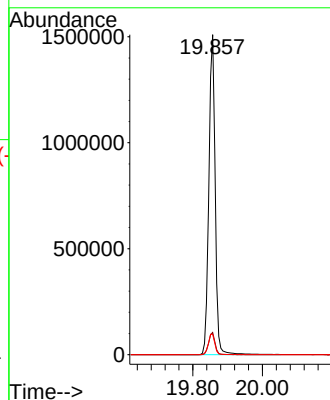
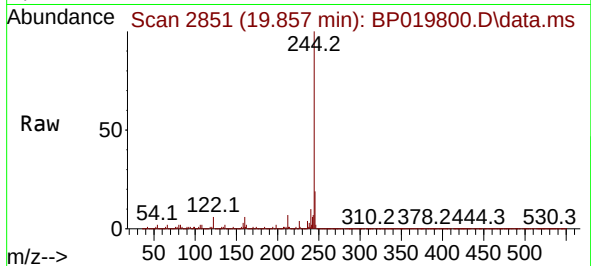


#79
 Terphenyl-d14
 Concen: 84.929 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019800.D
 Acq: 21 Feb 2024 10:35

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BL

Tgt Ion:244 Resp: 1892945

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: 23.804 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP019800.D
 Acq: 21 Feb 2024 10:35

Tgt Ion:264 Resp: 434446

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.0	25.4

