

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019805.D
 Acq On : 21 Feb 2024 13:25
 Operator : MA/JU
 Sample : PB159106TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159106TB

Quant Time: Feb 21 13:49:54 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	69583	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	244819	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	158445	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	344397	20.000	ng	0.00
76) Chrysene-d12	21.380	240	371428	20.000	ng	-0.01
86) Perylene-d12	23.798	264	448305	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	552956	128.095	ng	0.00
7) Phenol-d6	7.069	99	668689	114.884	ng	0.00
23) Nitrobenzene-d5	9.063	82	471265	83.411	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	350881	151.673	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1061099	82.790	ng	0.00
79) Terphenyl-d14	19.851	244	1989939	88.107	ng	-0.01

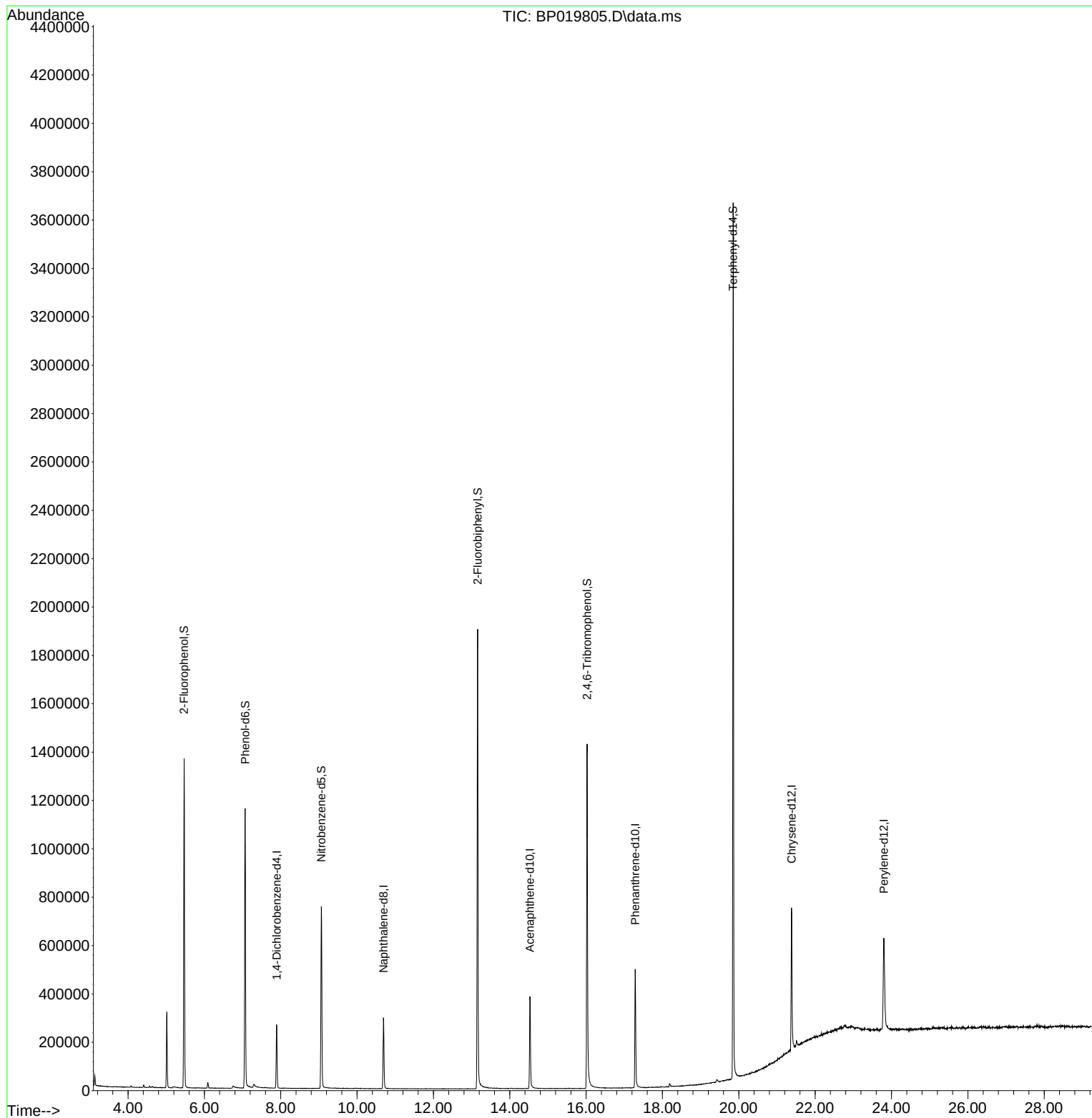
Target Compounds	Qvalue

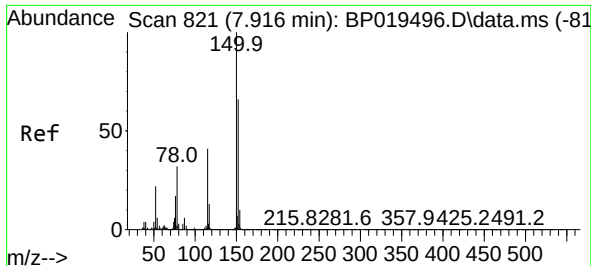
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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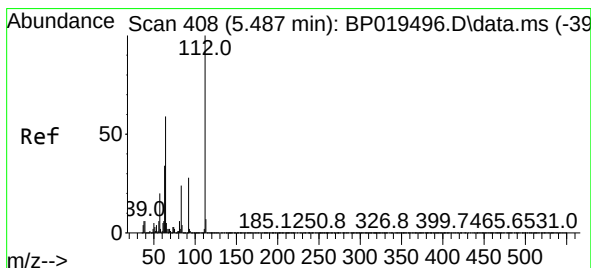
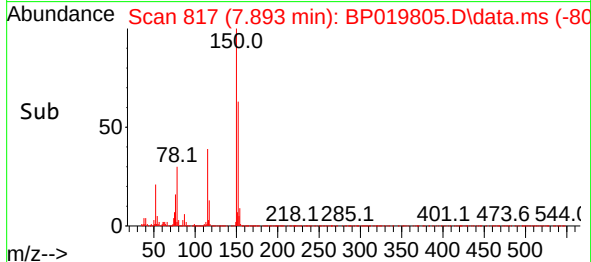
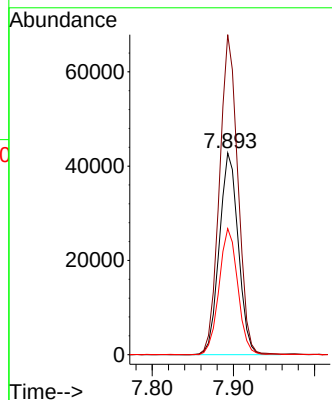
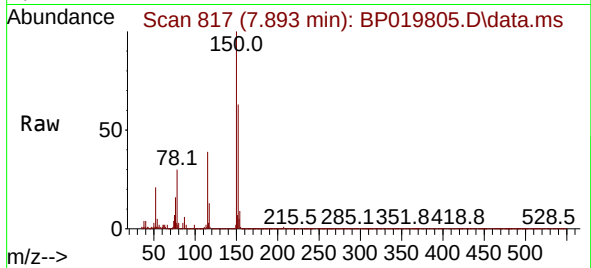




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019805.D
Acq: 21 Feb 2024 13:25

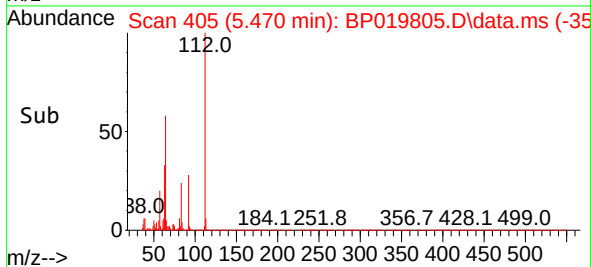
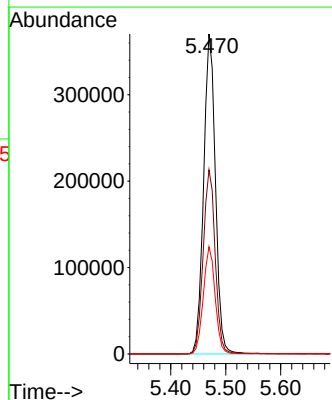
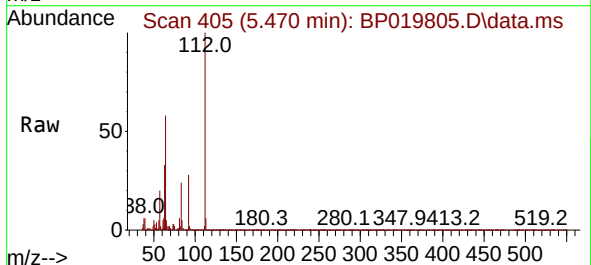
Instrument :
BNA_P
ClientSampleId :
PB159106TB

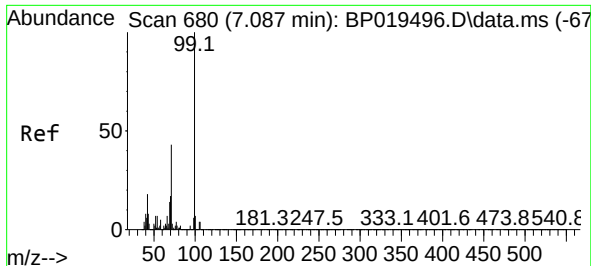
Tgt Ion:152 Resp: 69583
Ion Ratio Lower Upper
152 100
150 158.6 121.8 182.8
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 128.095 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019805.D
Acq: 21 Feb 2024 13:25

Tgt Ion:112 Resp: 552956
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.0
63 33.5 27.0 40.6

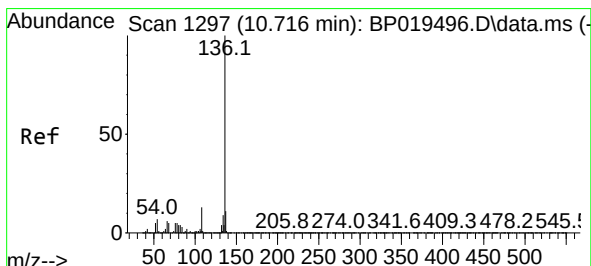
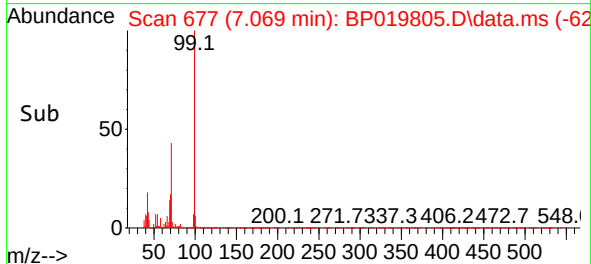
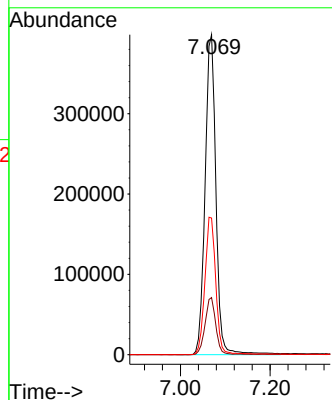
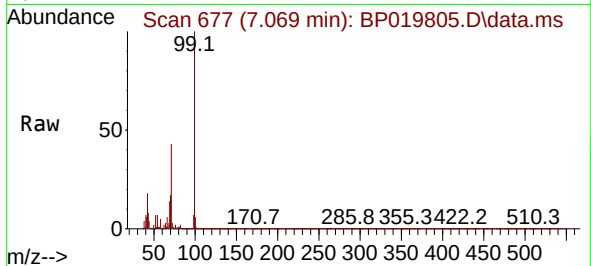




#7
Phenol-d6
Concen: 114.884 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019805.D
Acq: 21 Feb 2024 13:25

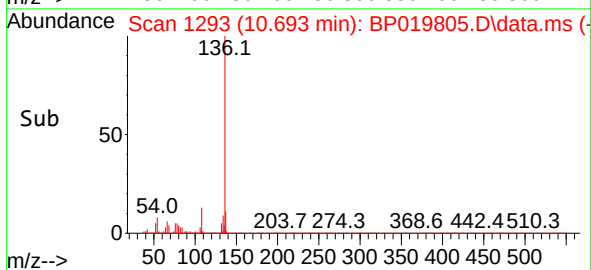
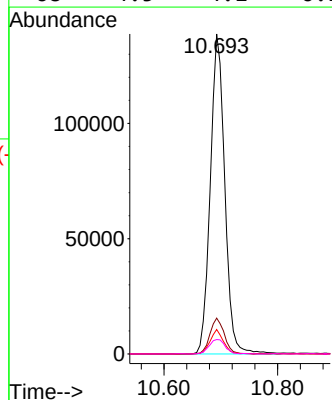
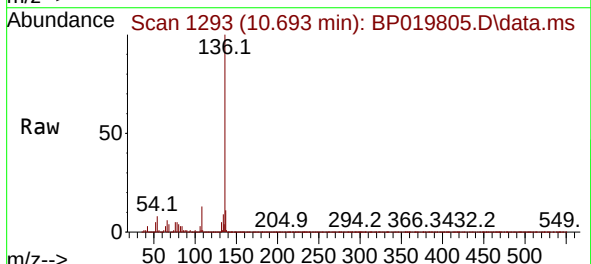
Instrument :
BNA_P
ClientSampleId :
PB159106TB

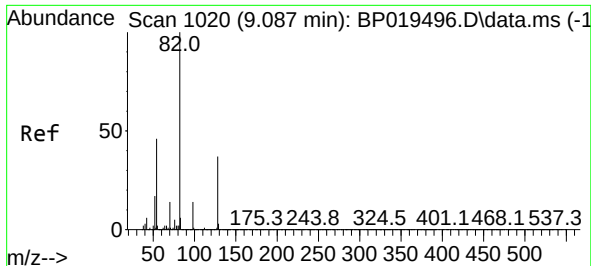
Tgt Ion: 99 Resp: 668689
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019805.D
Acq: 21 Feb 2024 13:25

Tgt Ion: 136 Resp: 244819
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 5.3 7.9
68 4.5 4.1 6.1

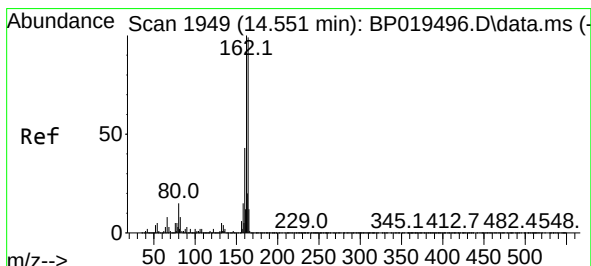
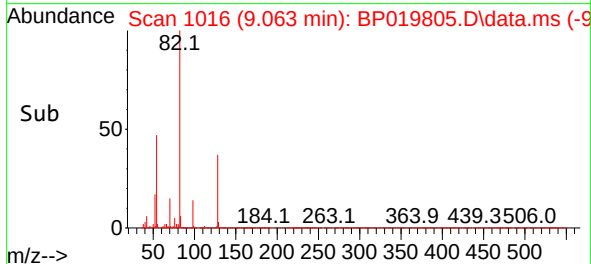
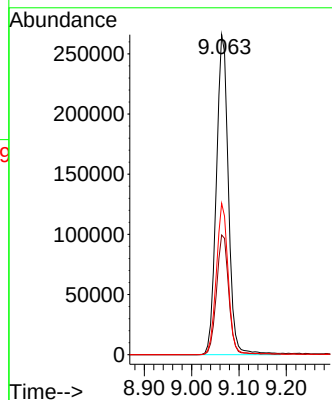
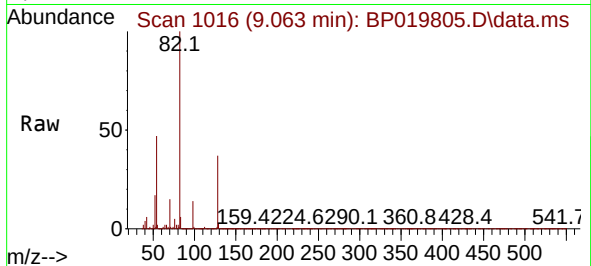




#23
Nitrobenzene-d5
Concen: 83.411 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019805.D
Acq: 21 Feb 2024 13:25

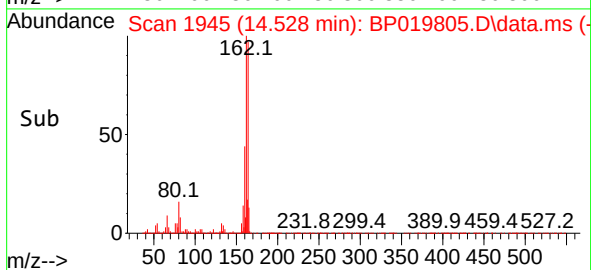
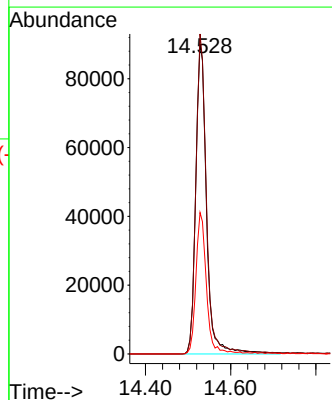
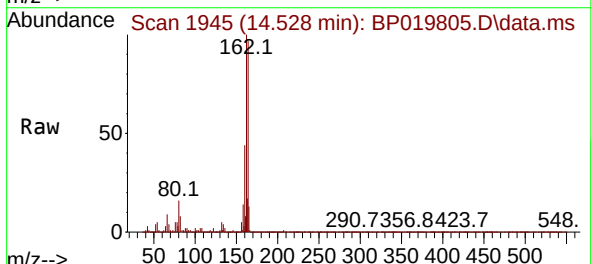
Instrument :
BNA_P
ClientSampleId :
PB159106TB

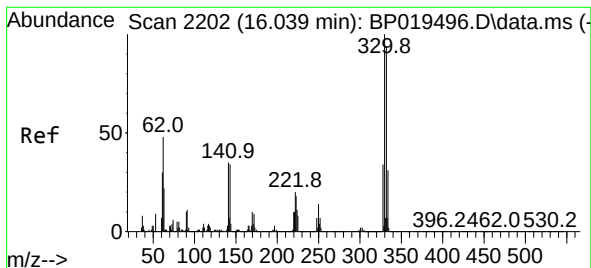
Tgt Ion: 82 Resp: 471265
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 47.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019805.D
Acq: 21 Feb 2024 13:25

Tgt Ion: 164 Resp: 158445
Ion Ratio Lower Upper
164 100
162 103.2 81.2 121.8
160 45.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 151.673 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019805.D

Acq: 21 Feb 2024 13:25

Instrument :

BNA_P

ClientSampleId :

PB159106TB

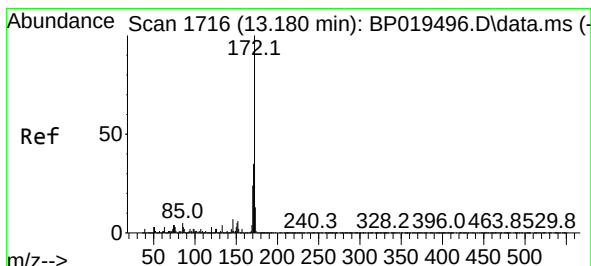
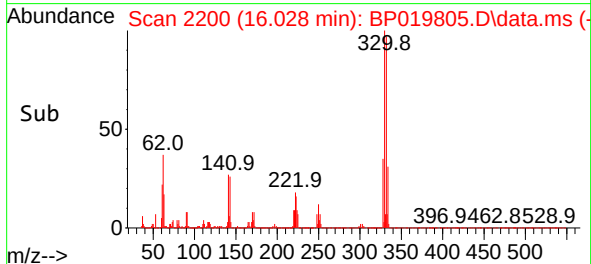
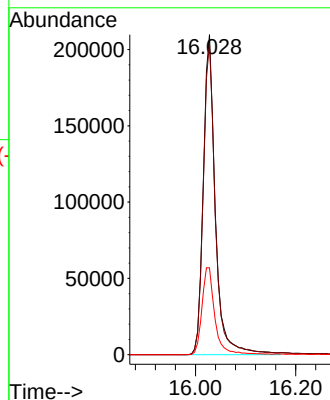
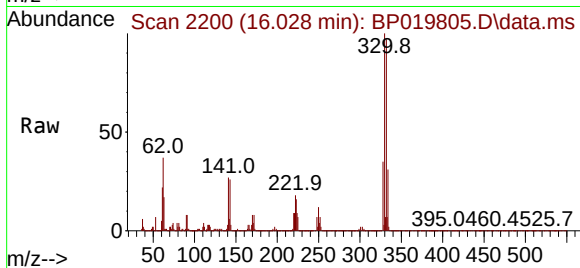
Tgt Ion:330 Resp: 350881

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

141 29.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 82.790 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019805.D

Acq: 21 Feb 2024 13:25

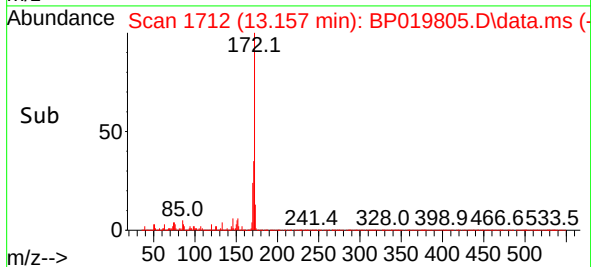
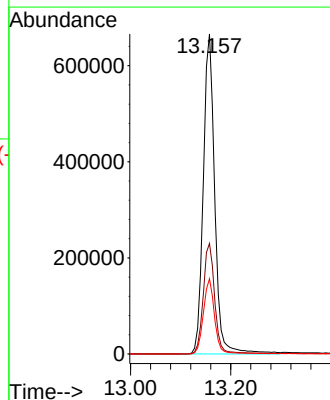
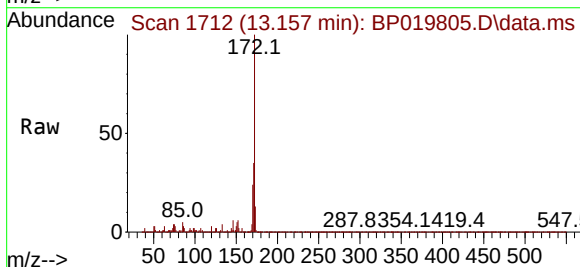
Tgt Ion:172 Resp: 1061099

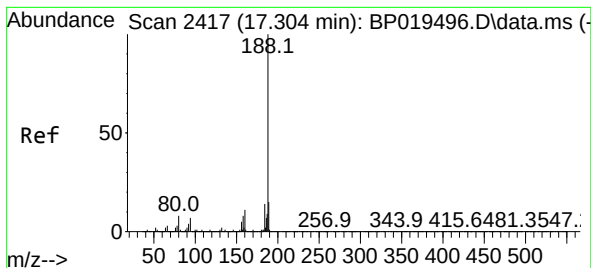
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP019805.D

Acq: 21 Feb 2024 13:25

Instrument :

BNA_P

ClientSampleId :

PB159106TB

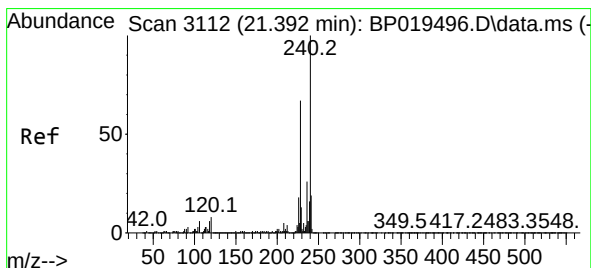
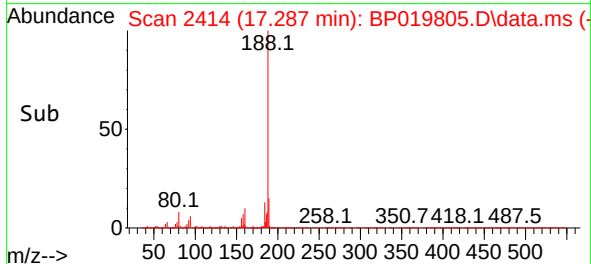
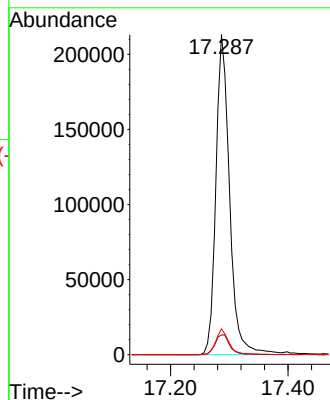
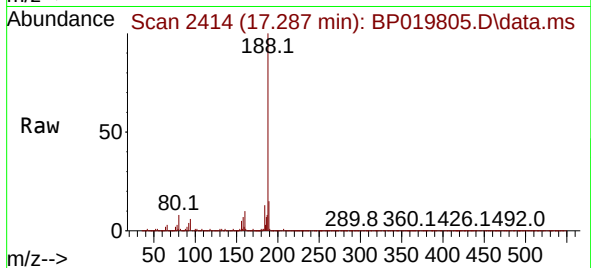
Tgt Ion:188 Resp: 344397

Ion Ratio Lower Upper

188 100

94 6.1 5.4 8.2

80 8.0 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: BP019805.D

Acq: 21 Feb 2024 13:25

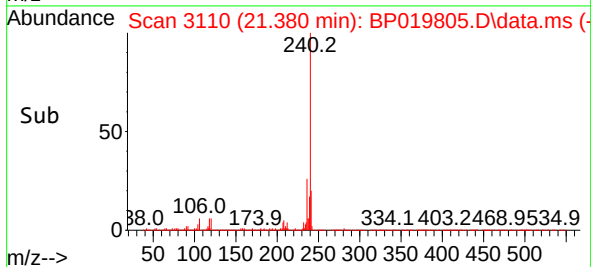
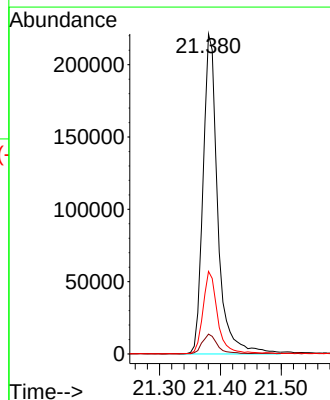
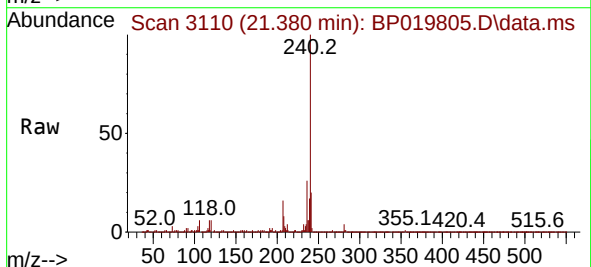
Tgt Ion:240 Resp: 371428

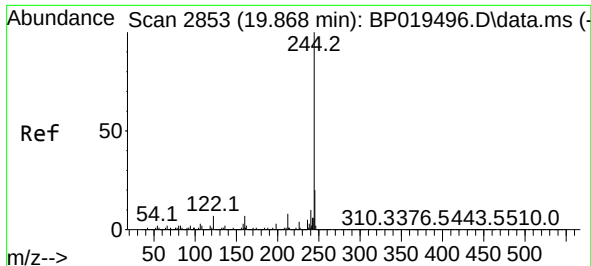
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.8 20.7 31.1

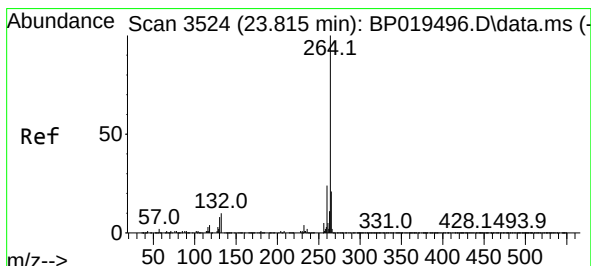
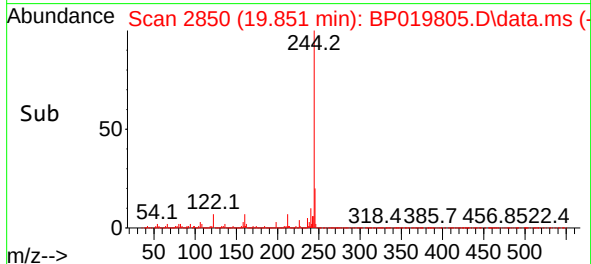
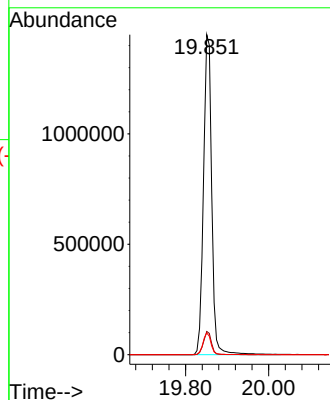
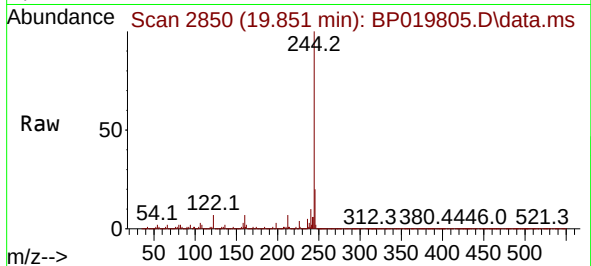




#79
 Terphenyl-d14
 Concen: 88.107 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019805.D
 Acq: 21 Feb 2024 13:25

Instrument :
 BNA_P
 ClientSampleId :
 PB159106TB

Tgt Ion:244 Resp: 1989939
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.8 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.798 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BP019805.D
 Acq: 21 Feb 2024 13:25

Tgt Ion:264 Resp: 448305
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.2 28.8
 265 20.8 17.0 25.4

