

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020499.D
 Acq On : 04 Jun 2024 16:44
 Operator : MA/JU
 Sample : P2687-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11998

Quant Time: Jun 04 17:24:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	267600	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1037480	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	656828	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1443895	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1352829	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1475279	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1758574	117.662	ng	0.00
7) Phenol-d6	6.928	99	2173896	103.138	ng	0.00
23) Nitrobenzene-d5	8.916	82	1535600	81.022	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	929412	136.345	ng	-0.02
45) 2-Fluorobiphenyl	12.999	172	3258263	73.949	ng	0.00
79) Terphenyl-d14	19.934	244	6315652	77.717	ng	-0.01

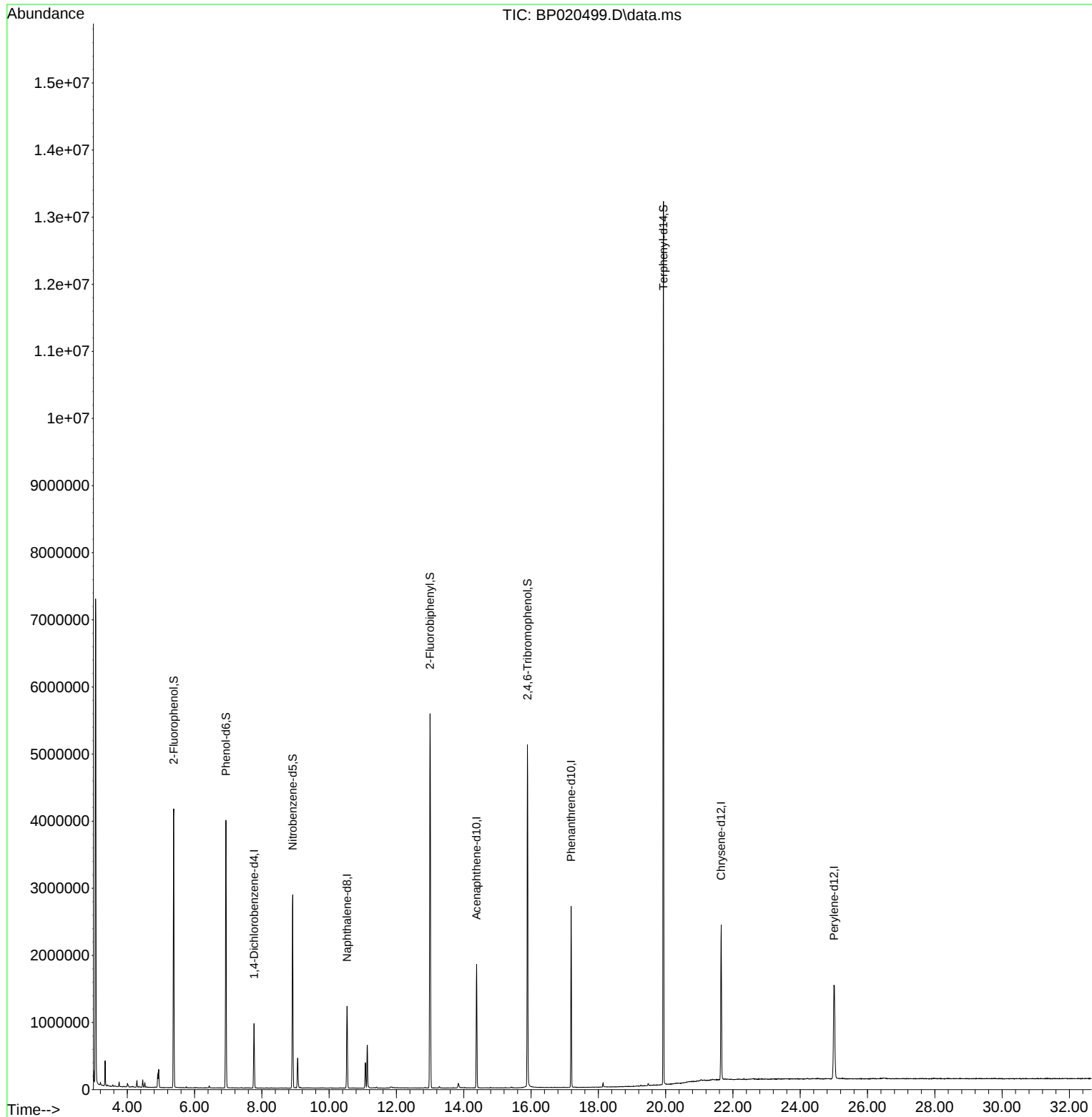
Target Compounds	Qvalue

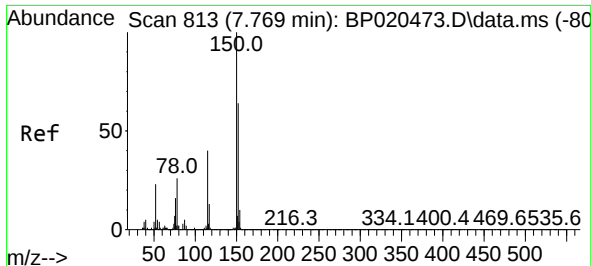
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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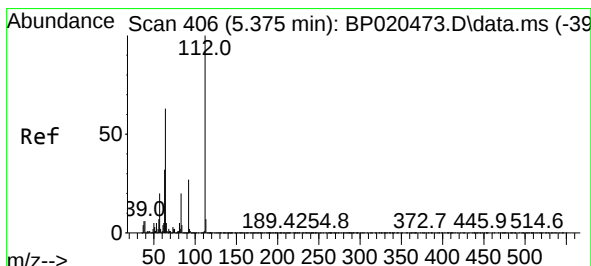
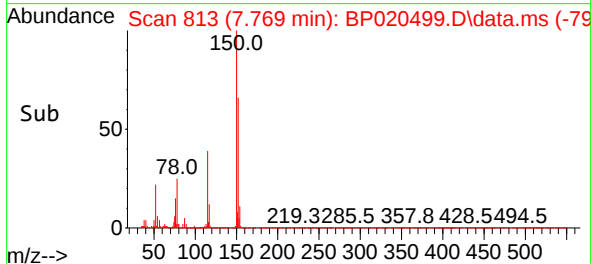
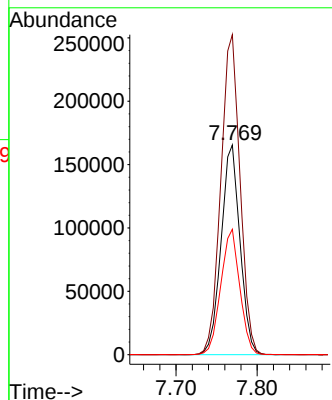
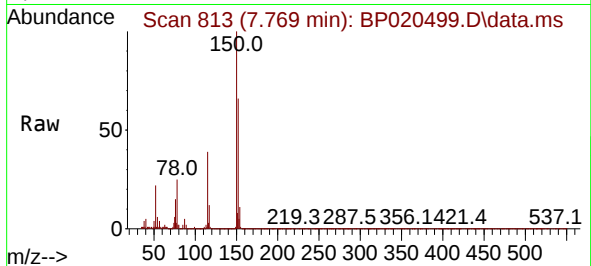




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

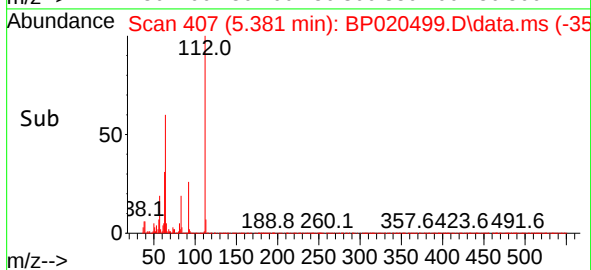
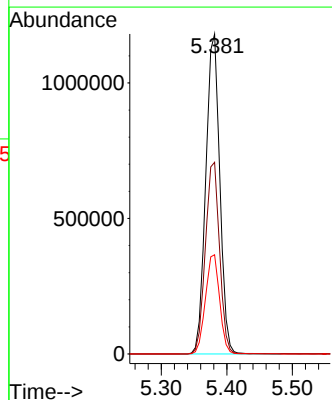
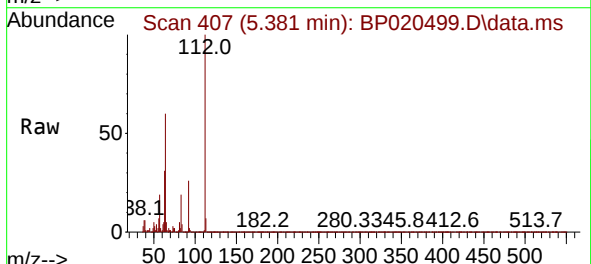
Instrument :
BNA_P
ClientSampleId :
72-11998

Tgt Ion:152 Resp: 267600
Ion Ratio Lower Upper
152 100
150 152.6 124.2 186.2
115 59.8 49.5 74.3



#5
2-Fluorophenol
Concen: 117.662 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion:112 Resp: 1758574
Ion Ratio Lower Upper
112 100
64 59.9 50.1 75.1
63 31.0 25.7 38.5

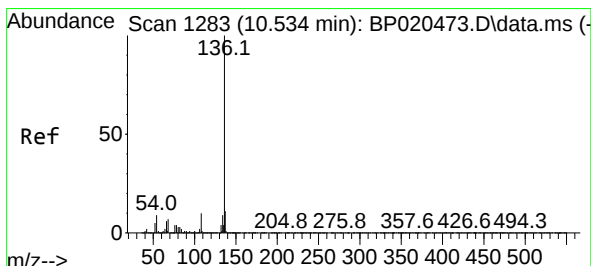
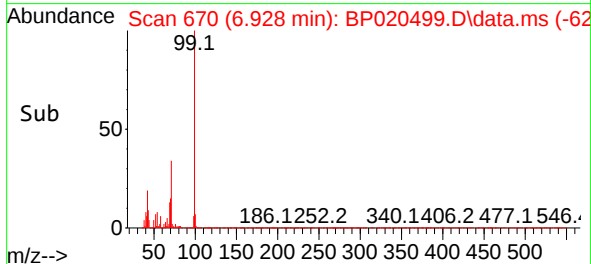
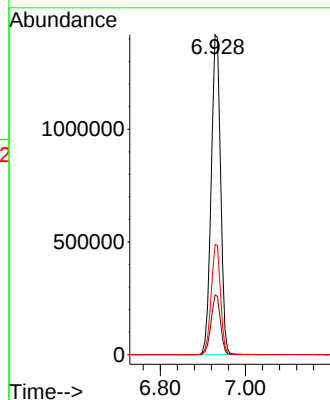
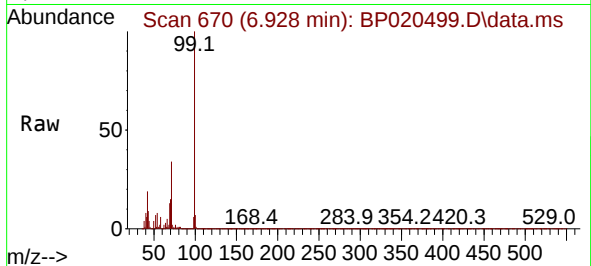




#7
Phenol-d6
Concen: 103.138 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

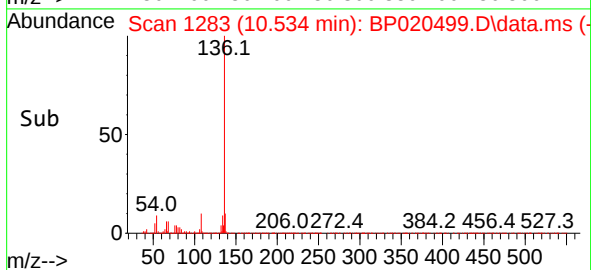
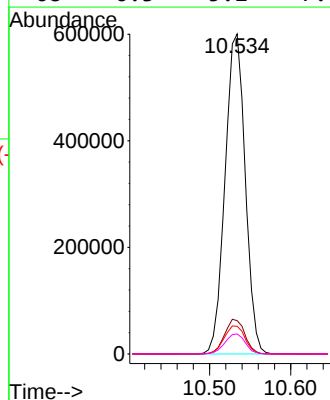
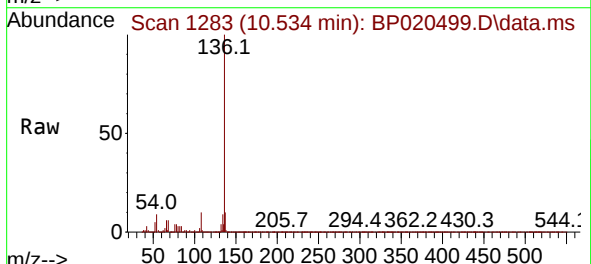
Instrument :
BNA_P
ClientSampleId :
72-11998

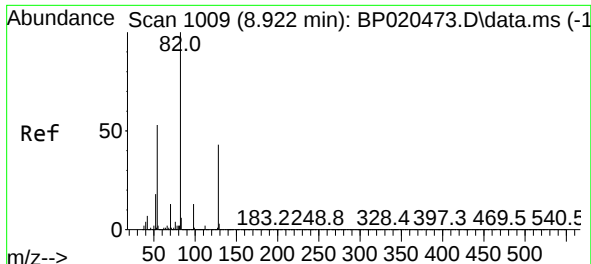
Tgt Ion: 99 Resp: 2173896
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 34.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion: 136 Resp: 1037480
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.6 7.4 11.0
68 6.3 5.2 7.8

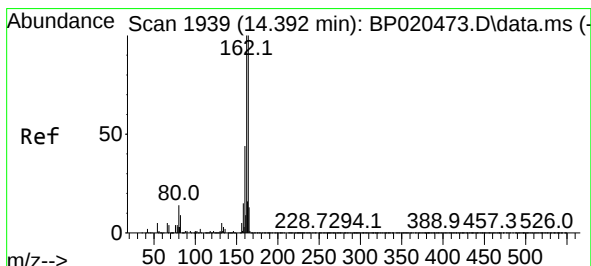
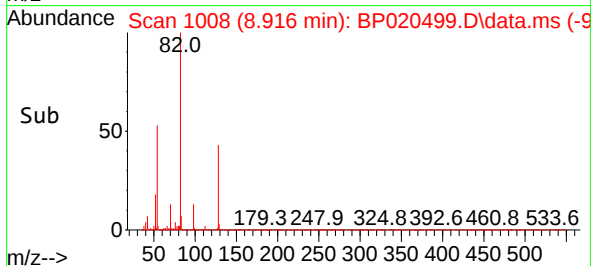
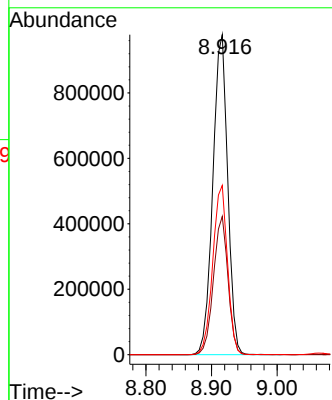
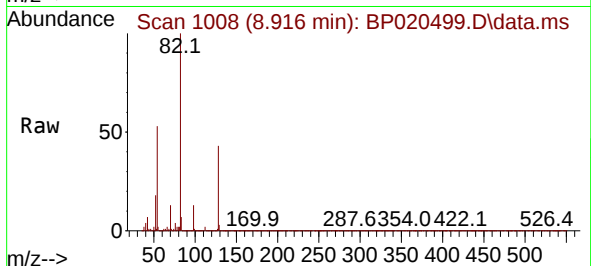




#23
Nitrobenzene-d5
Concen: 81.022 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

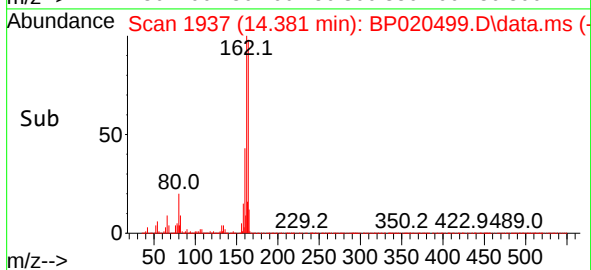
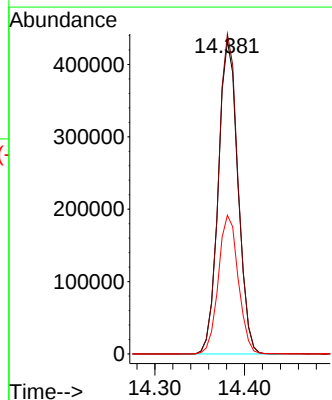
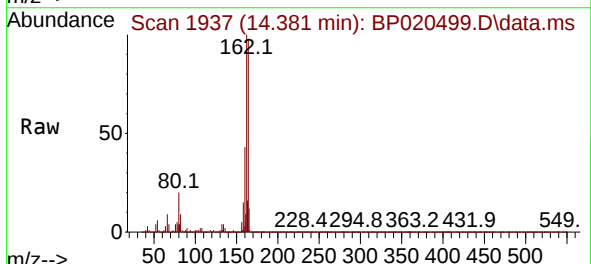
Instrument :
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ClientSampleId :
72-11998

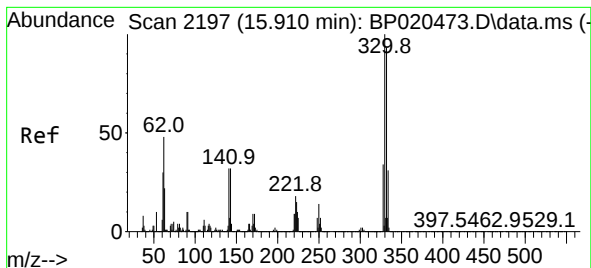
Tgt Ion: 82 Resp: 1535600
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 52.9 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion: 164 Resp: 656828
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 44.3 35.4 53.2

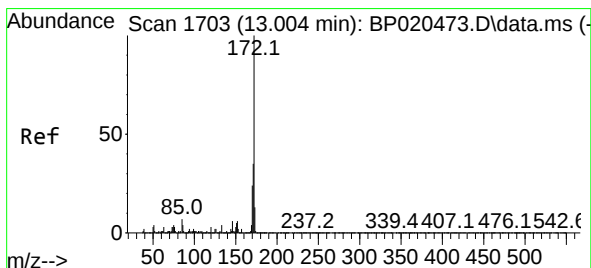
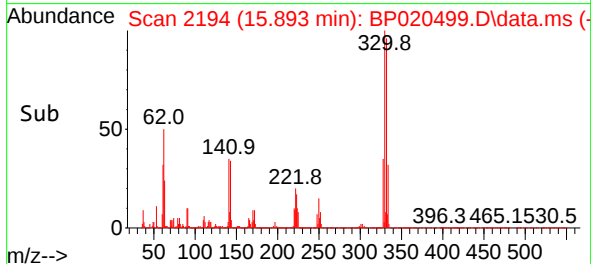
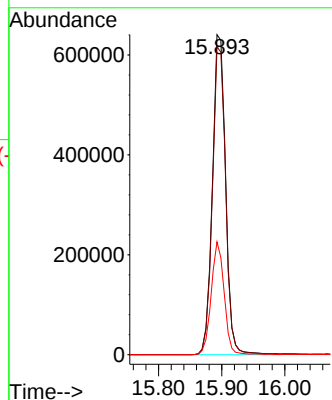
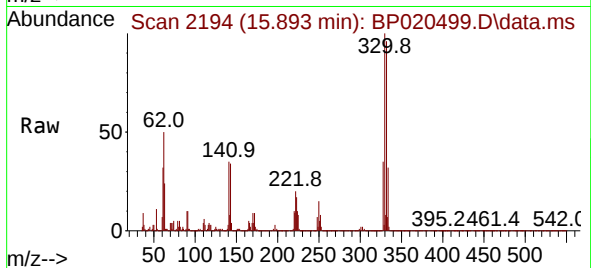




#42
2,4,6-Tribromophenol
Concen: 136.345 ng
RT: 15.893 min Scan# 2197
Delta R.T. -0.017 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

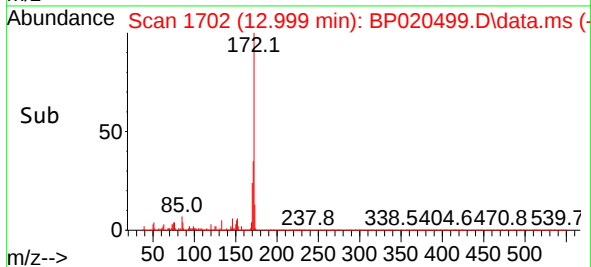
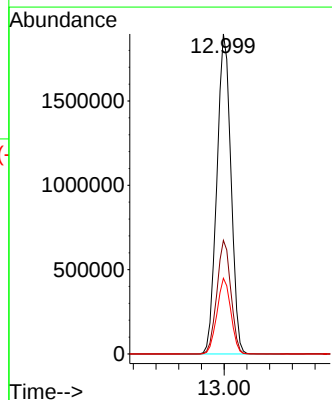
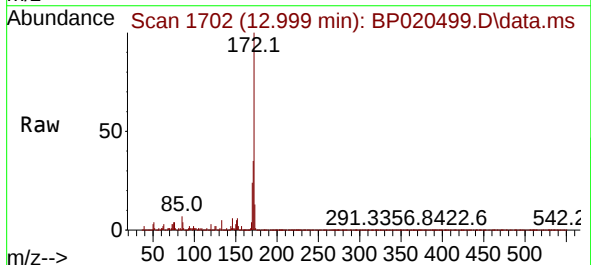
Instrument :
BNA_P
ClientSampleId :
72-11998

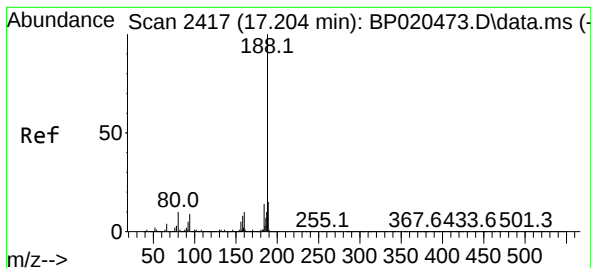
Tgt Ion:330 Resp: 929412
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 34.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 73.949 ng
RT: 12.999 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion:172 Resp: 3258263
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Instrument :

BNA_P

ClientSampleId :

72-11998

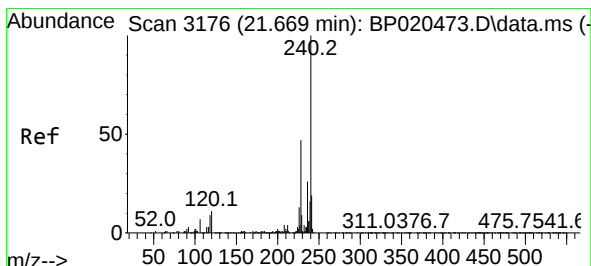
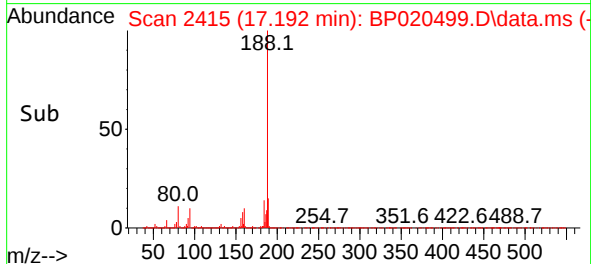
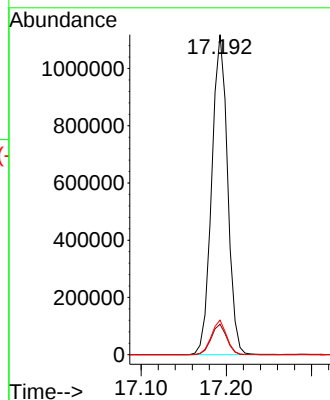
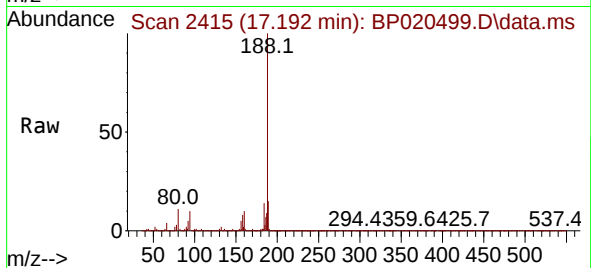
Tgt Ion:188 Resp: 1443895

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3173

Delta R.T. -0.017 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

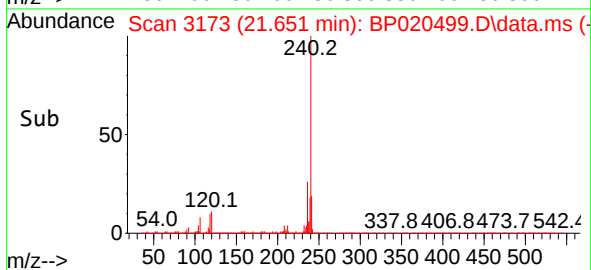
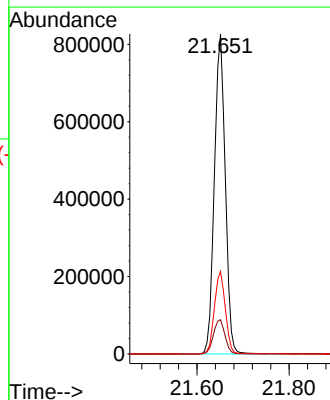
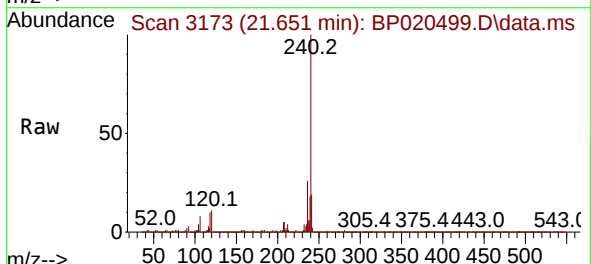
Tgt Ion:240 Resp: 1352829

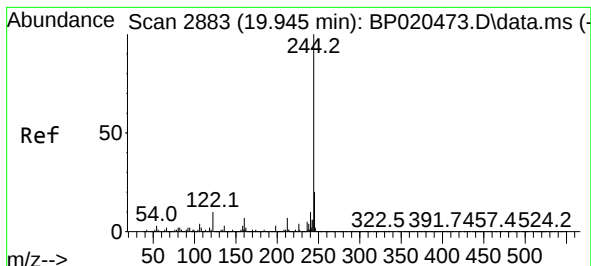
Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 77.717 ng

RT: 19.934 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Instrument :

BNA_P

ClientSampleId :

72-11998

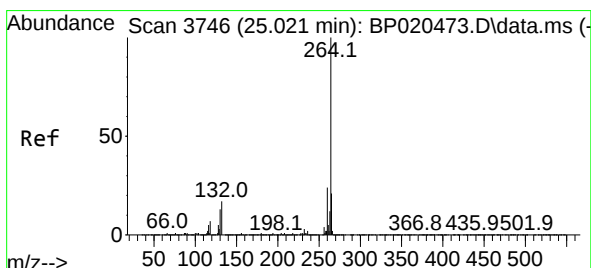
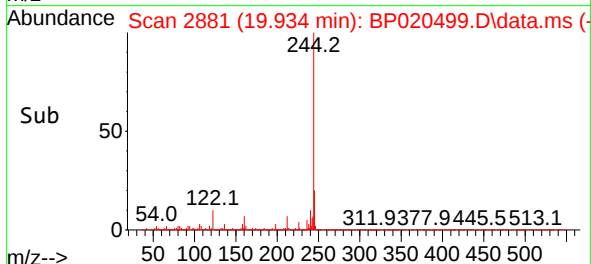
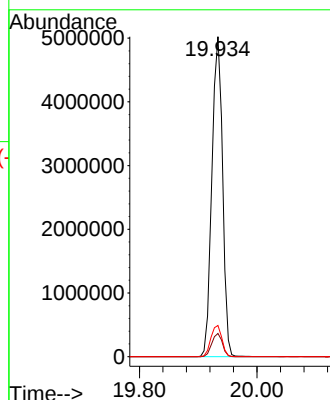
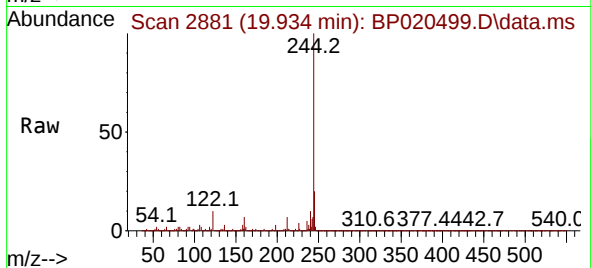
Tgt Ion:244 Resp: 6315652

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3743

Delta R.T. -0.017 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Tgt Ion:264 Resp: 1475279

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.5 17.4 26.0

