

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024268.D
 Acq On : 11 Apr 2025 16:21
 Operator : RC/JU
 Sample : Q1746-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-149-SB02

Quant Time: Apr 11 16:55:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	222405	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	876214	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	518273	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1059909	20.000	ng	-0.01
76) Chrysene-d12	21.616	240	1221352	20.000	ng	-0.03
86) Perylene-d12	25.004	264	907401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1957936	140.528	ng	0.00
7) Phenol-d6	6.922	99	2267588	121.706	ng	0.00
23) Nitrobenzene-d5	8.887	82	1582990	101.932	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1172684	179.631	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	3394706	96.582	ng	-0.01
79) Terphenyl-d14	19.904	244	6440486	108.852	ng	-0.01

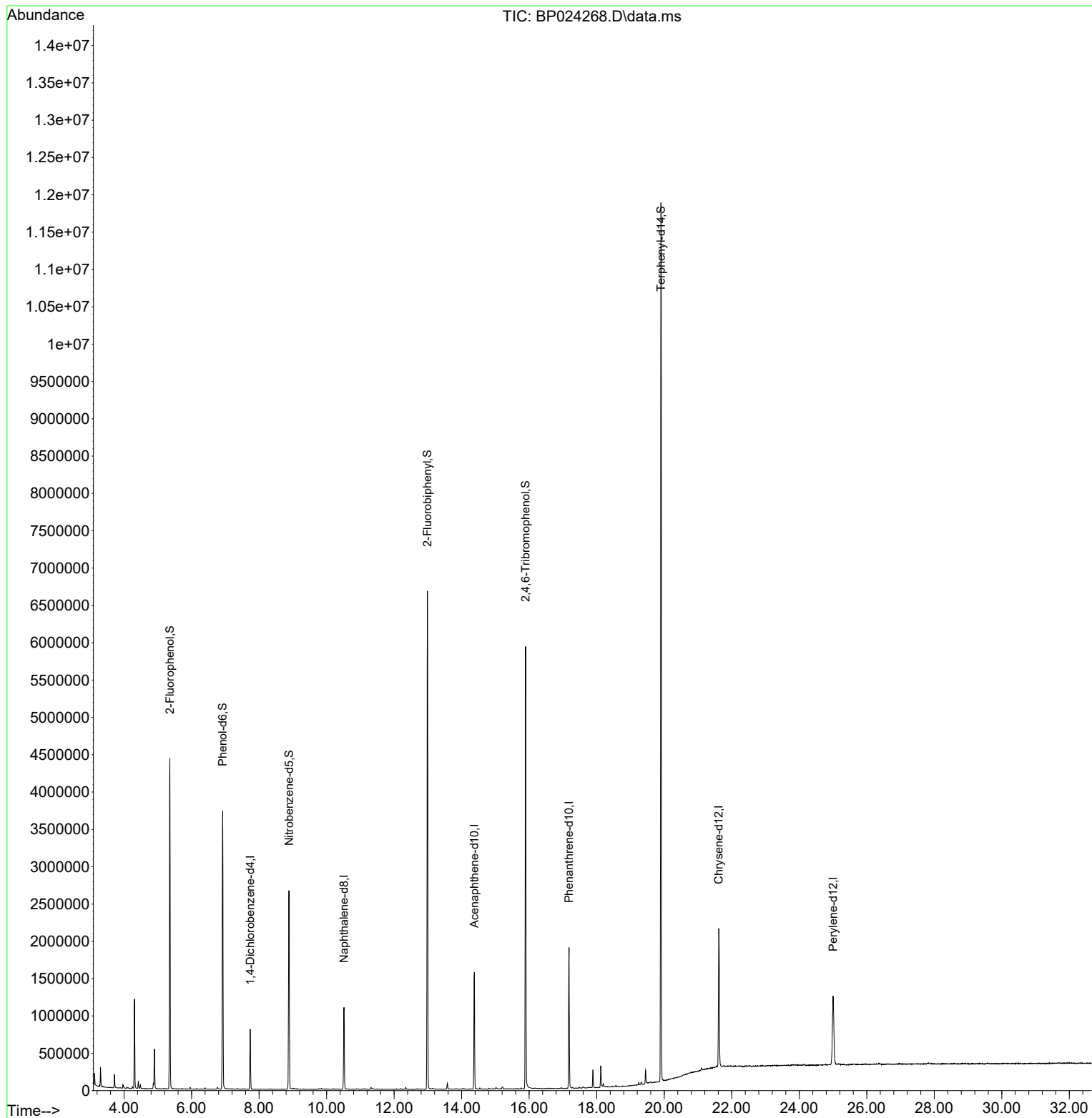
Target Compounds	Qvalue

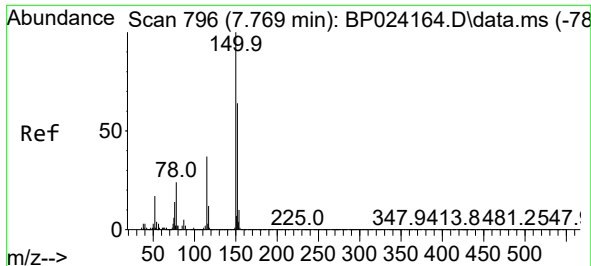
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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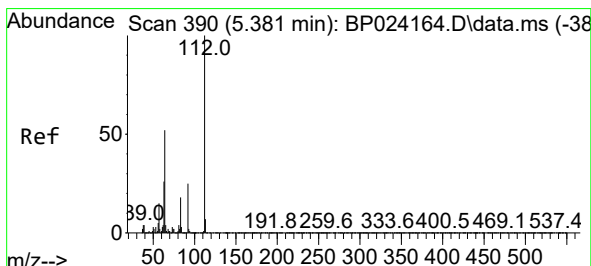
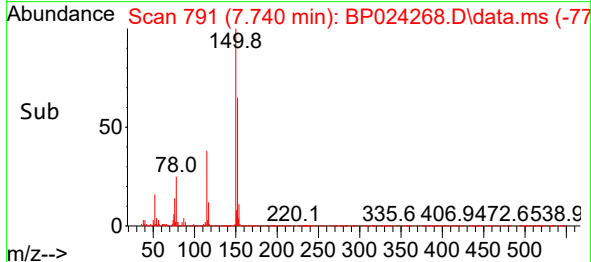
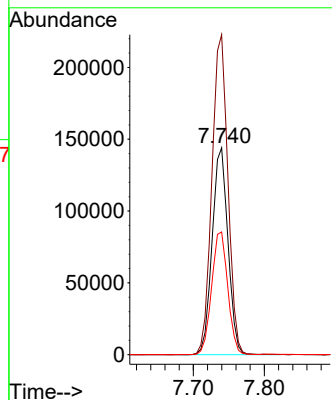
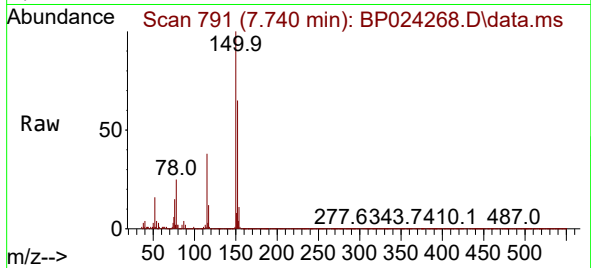




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024268.D
Acq: 11 Apr 2025 16:21

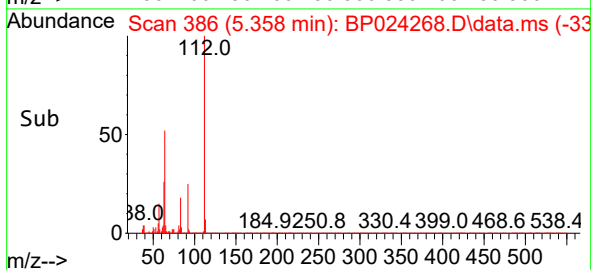
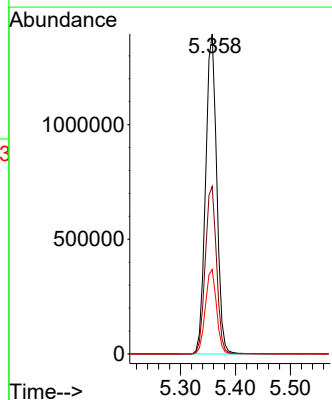
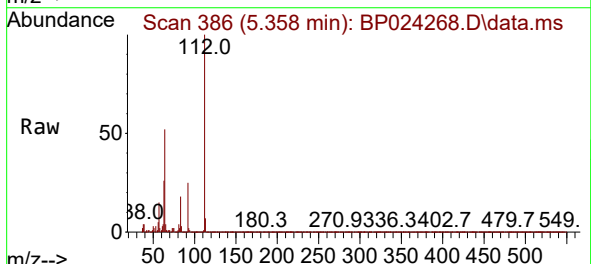
Instrument :
BNA_P
ClientSampleId :
B-149-SB02

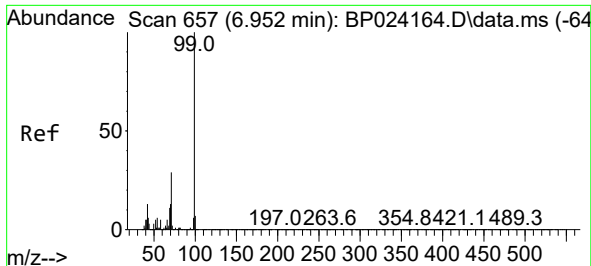
Tgt Ion:152 Resp: 222405
Ion Ratio Lower Upper
152 100
150 154.6 125.5 188.3
115 59.3 46.3 69.5



#5
2-Fluorophenol
Concen: 140.528 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024268.D
Acq: 11 Apr 2025 16:21

Tgt Ion:112 Resp: 1957936
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 26.4 20.6 31.0

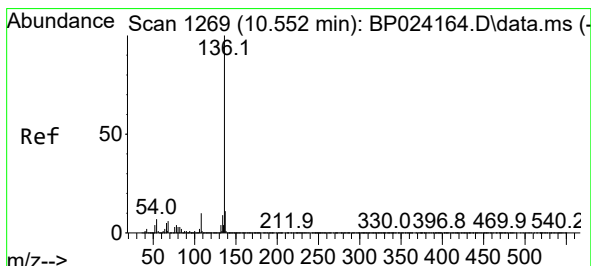
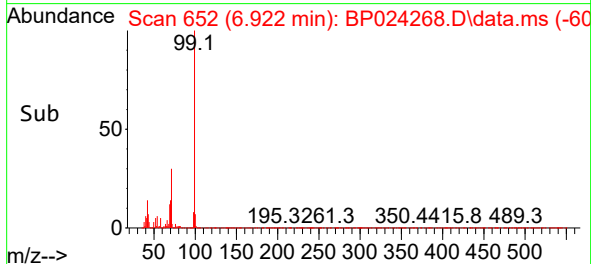
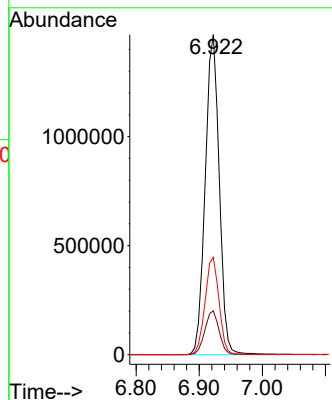
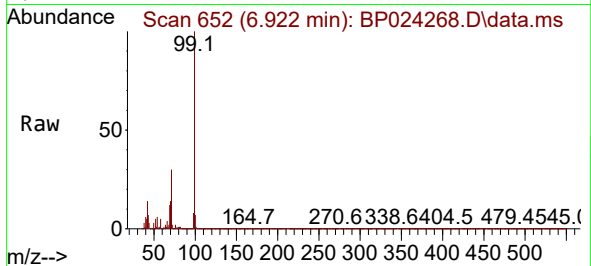




#7
Phenol-d6
Concen: 121.706 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024268.D
Acq: 11 Apr 2025 16:21

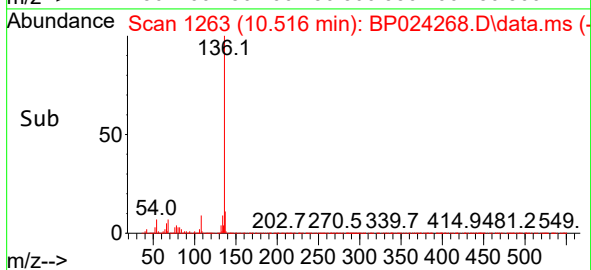
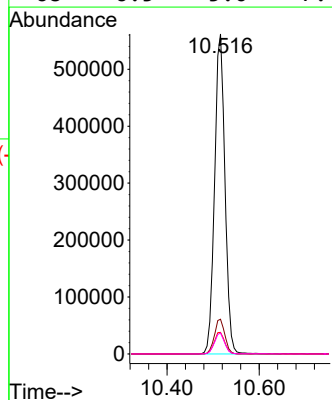
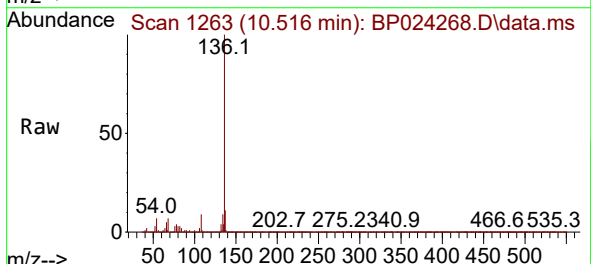
Instrument :
BNA_P
ClientSampleId :
B-149-SB02

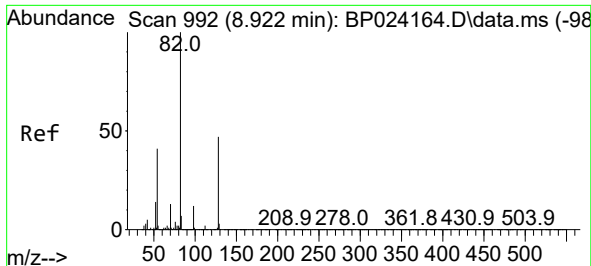
Tgt Ion: 99 Resp: 2267588
Ion Ratio Lower Upper
99 100
42 13.7 10.6 16.0
71 30.4 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024268.D
Acq: 11 Apr 2025 16:21

Tgt Ion:136 Resp: 876214
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.7 5.3 7.9
68 6.5 5.0 7.4

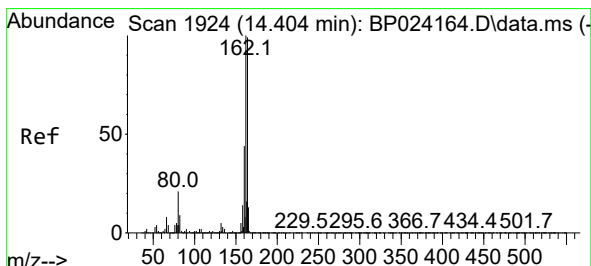
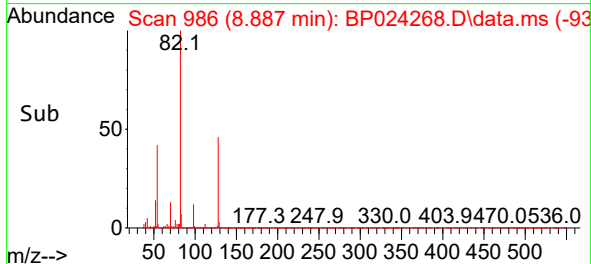
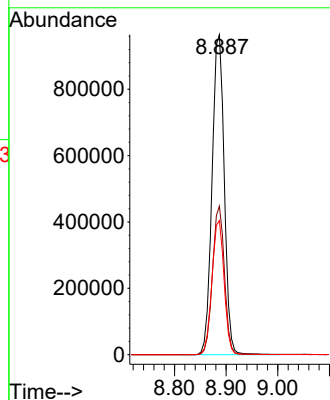
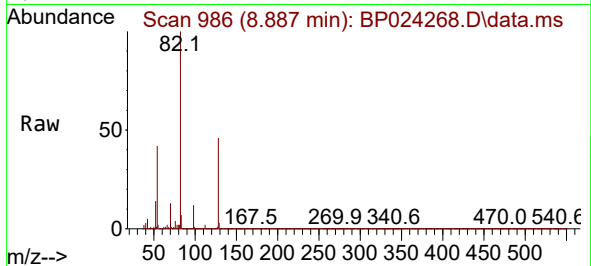




#23
Nitrobenzene-d5
Concen: 101.932 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024268.D
Acq: 11 Apr 2025 16:21

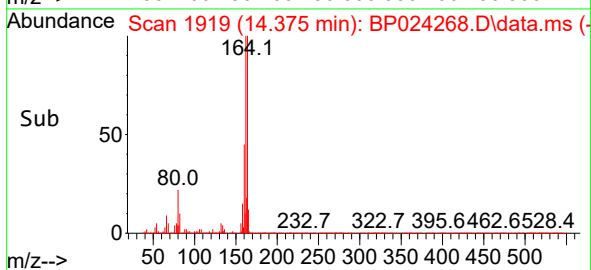
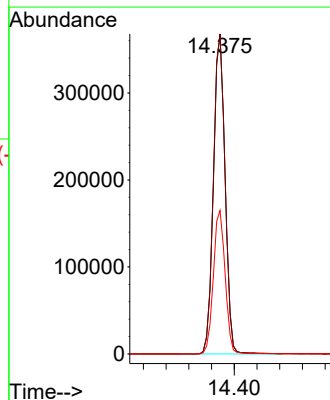
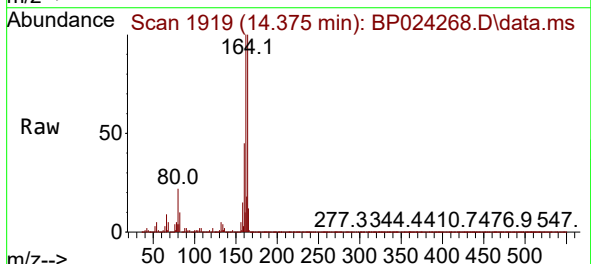
Instrument :
BNA_P
ClientSampleId :
B-149-SB02

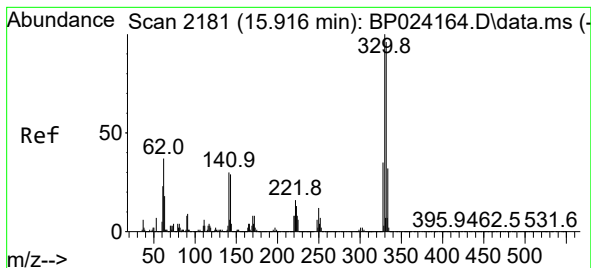
Tgt Ion: 82 Resp: 1582990
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 41.9 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024268.D
Acq: 11 Apr 2025 16:21

Tgt Ion: 164 Resp: 518273
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 179.631 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

Instrument :

BNA_P

ClientSampleId :

B-149-SB02

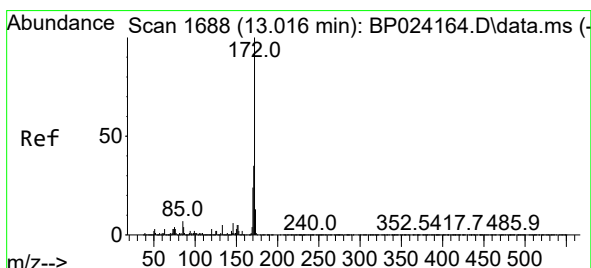
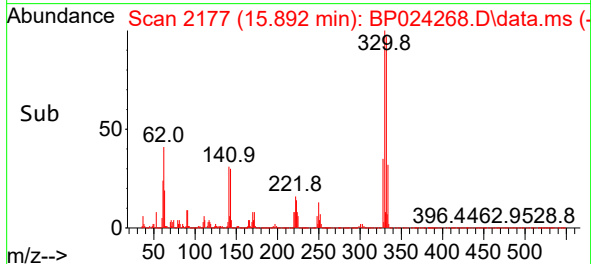
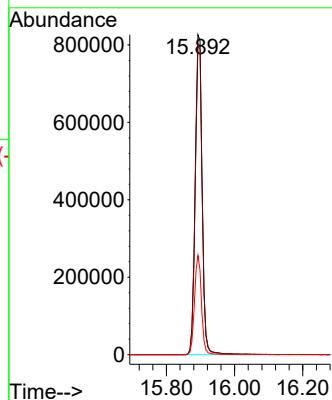
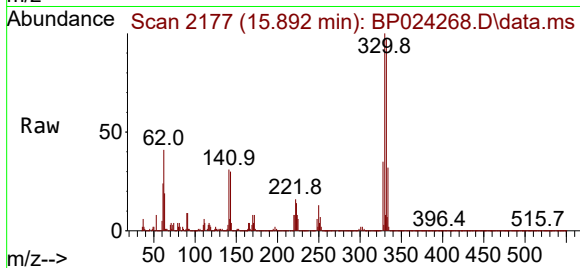
Tgt Ion:330 Resp: 1172684

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 30.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 96.582 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

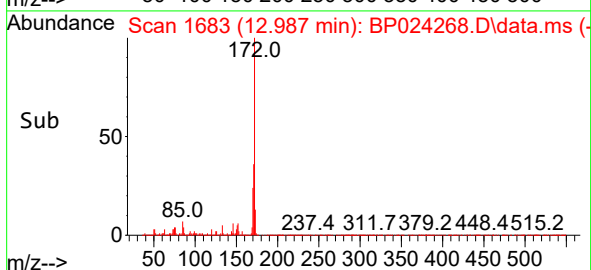
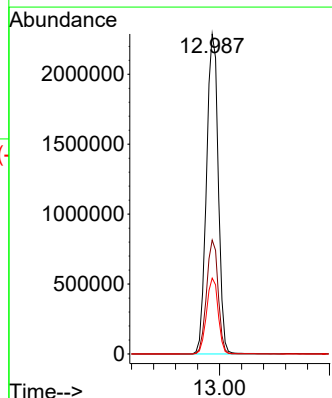
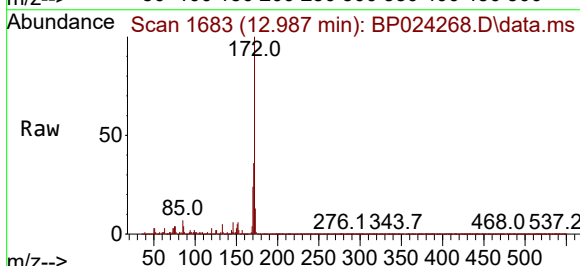
Tgt Ion:172 Resp: 3394706

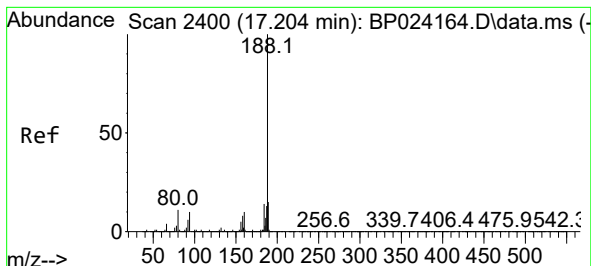
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

Instrument :

BNA_P

ClientSampleId :

B-149-SB02

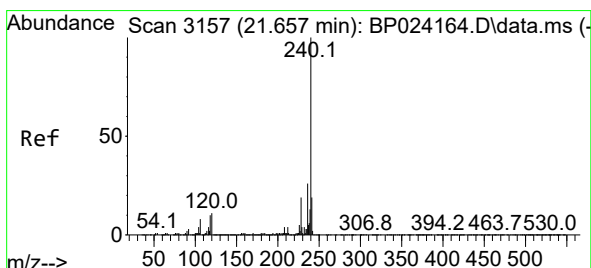
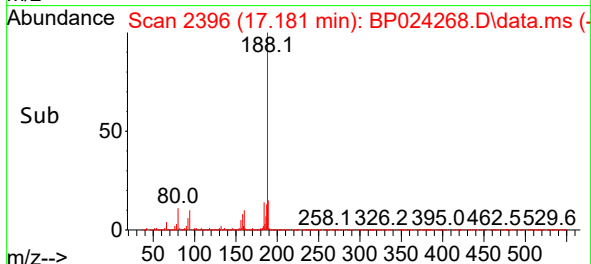
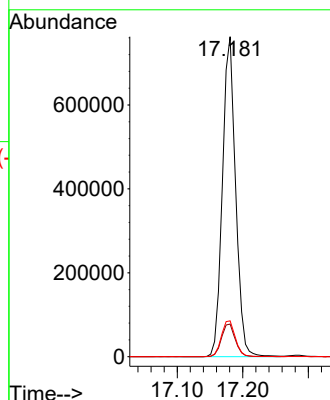
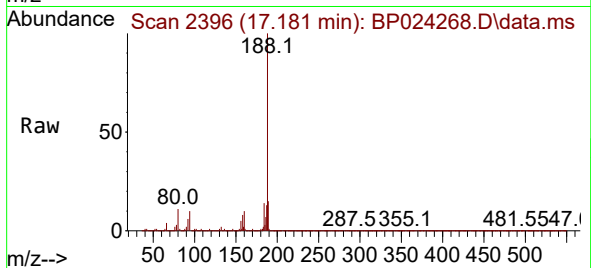
Tgt Ion:188 Resp: 1059909

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

80 11.2 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.029 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

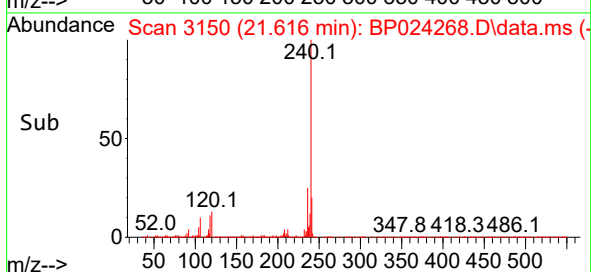
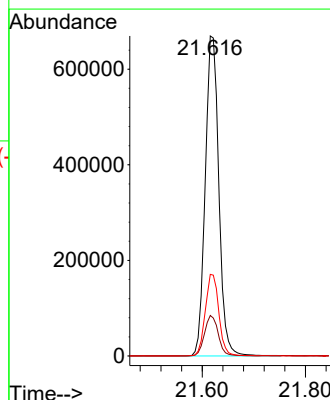
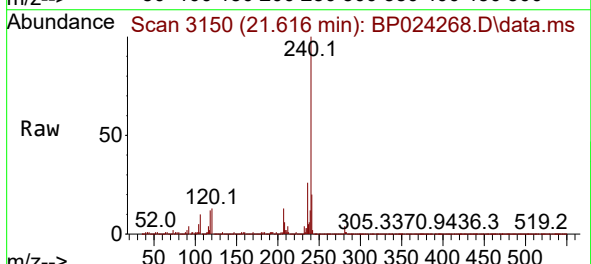
Tgt Ion:240 Resp: 1221352

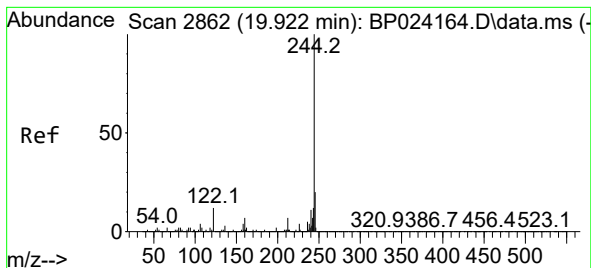
Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 108.852 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

Instrument :

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B-149-SB02

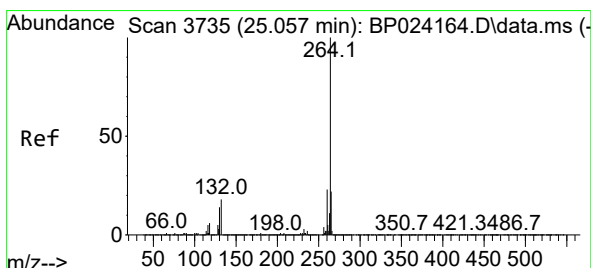
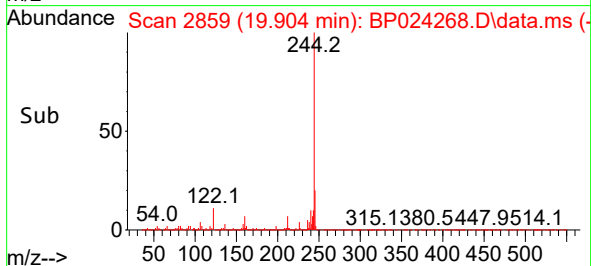
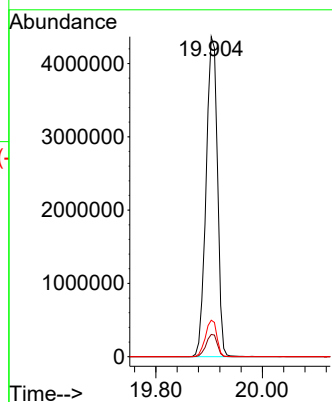
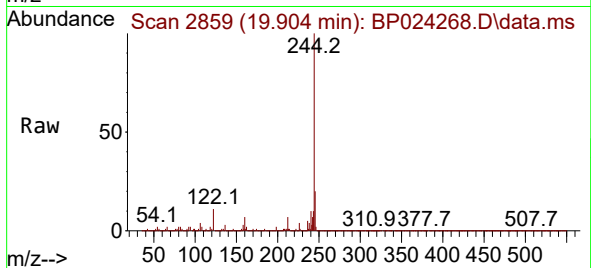
Tgt Ion:244 Resp: 6440486

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.006 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

Tgt Ion:264 Resp: 907401

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 22.0 17.7 26.5

