

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024267.D
 Acq On : 11 Apr 2025 15:40
 Operator : RC/JU
 Sample : Q1746-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-149-SB01

Quant Time: Apr 11 16:24:08 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	254775	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	995884	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	565210	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1205781	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1337101	20.000	ng	-0.03
86) Perylene-d12	24.980	264	684982	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2072573	129.856	ng	0.00
7) Phenol-d6	6.922	99	2381700	111.590	ng	0.00
23) Nitrobenzene-d5	8.887	82	1640915	92.965	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1179980	165.738	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	3471386	90.562	ng	-0.01
79) Terphenyl-d14	19.892	244	6354830	98.106	ng	-0.02

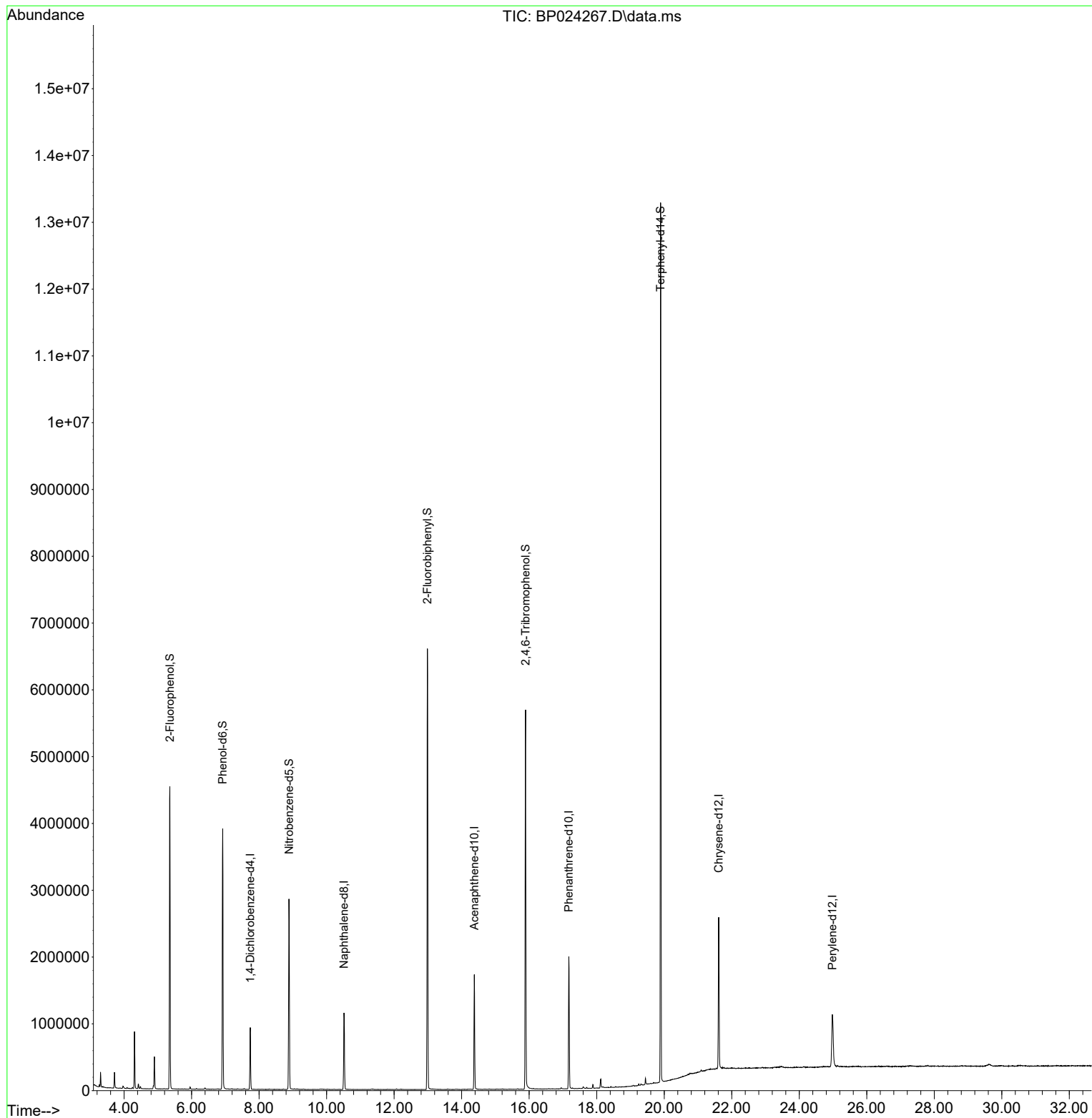
Target Compounds	Qvalue

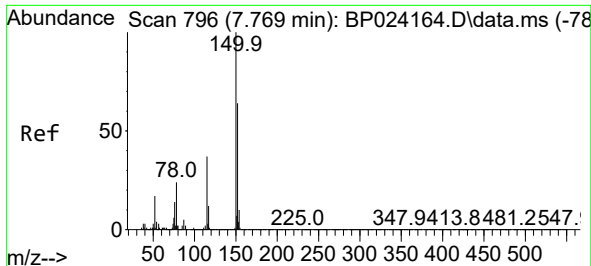
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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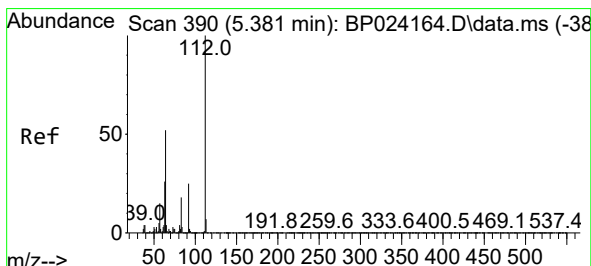
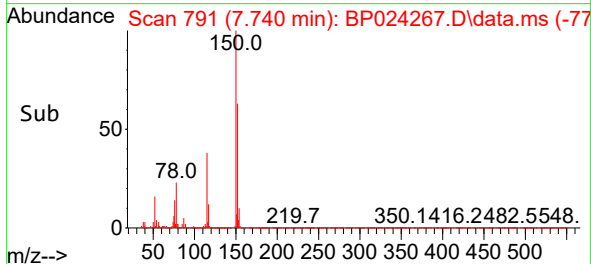
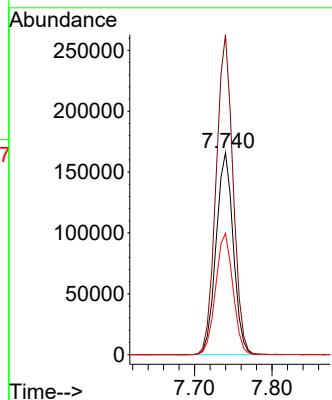
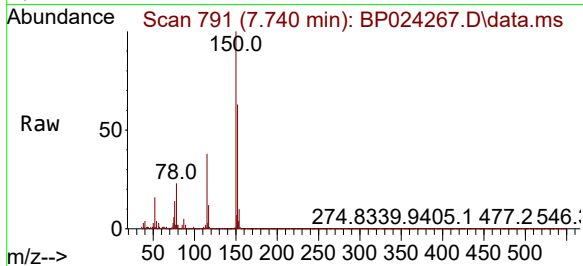




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024267.D
Acq: 11 Apr 2025 15:40

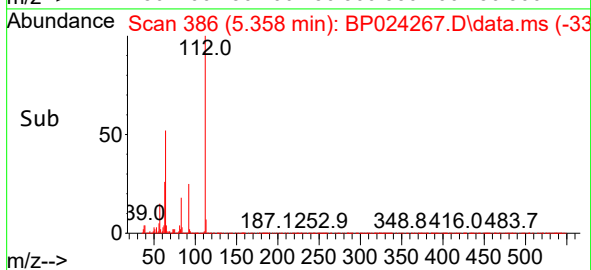
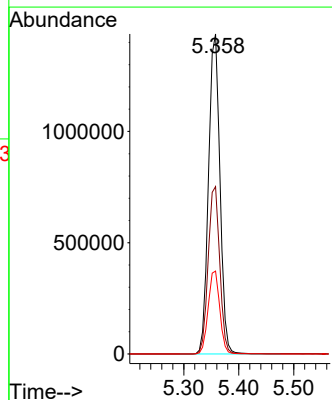
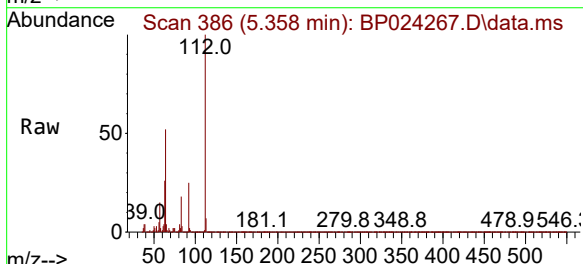
Instrument :
BNA_P
ClientSampleId :
B-149-SB01

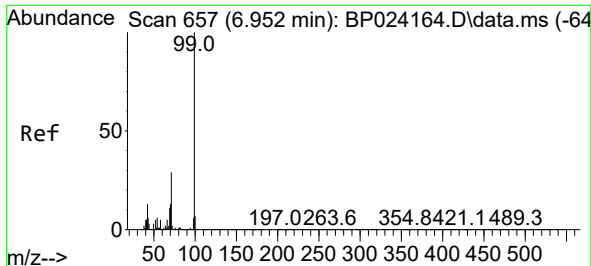
Tgt Ion:152 Resp: 254775
Ion Ratio Lower Upper
152 100
150 158.3 125.5 188.3
115 60.0 46.3 69.5



#5
2-Fluorophenol
Concen: 129.856 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024267.D
Acq: 11 Apr 2025 15:40

Tgt Ion:112 Resp: 2072573
Ion Ratio Lower Upper
112 100
64 52.3 41.3 61.9
63 25.9 20.6 31.0

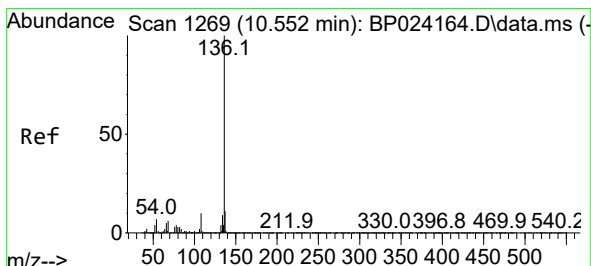
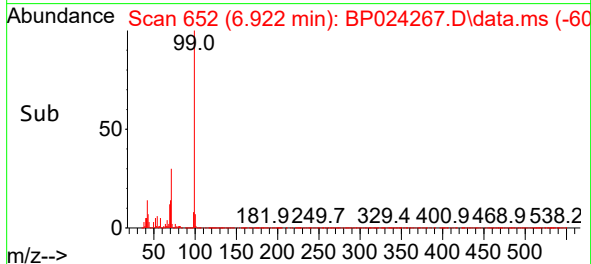
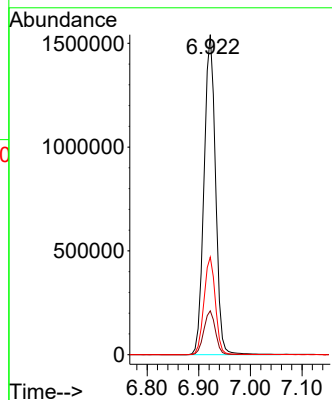
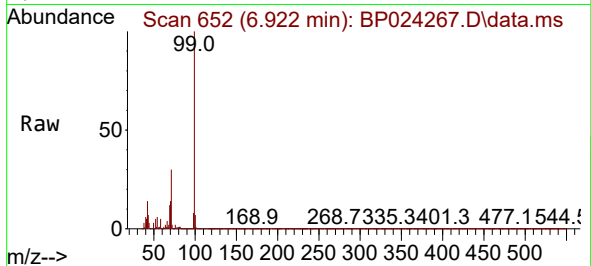




#7
Phenol-d6
Concen: 111.590 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024267.D
Acq: 11 Apr 2025 15:40

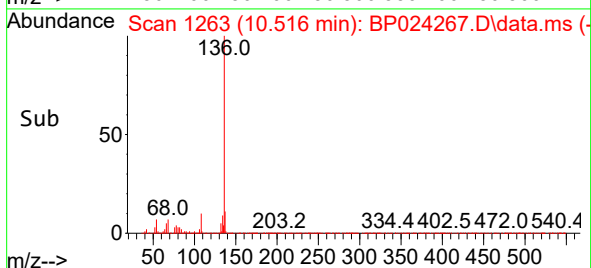
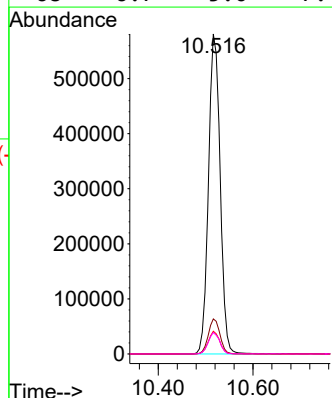
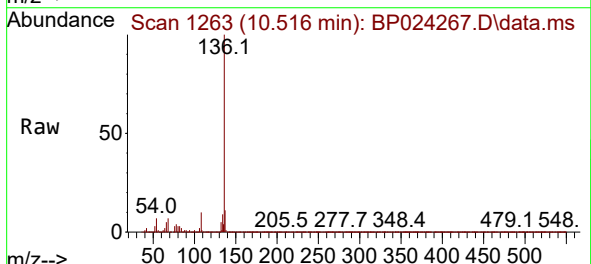
Instrument :
BNA_P
ClientSampleId :
B-149-SB01

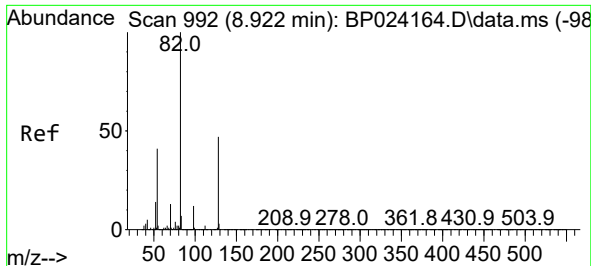
Tgt Ion: 99 Resp: 2381700
Ion Ratio Lower Upper
99 100
42 13.7 10.6 16.0
71 30.5 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024267.D
Acq: 11 Apr 2025 15:40

Tgt Ion: 136 Resp: 995884
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.1 5.3 7.9
68 6.7 5.0 7.4

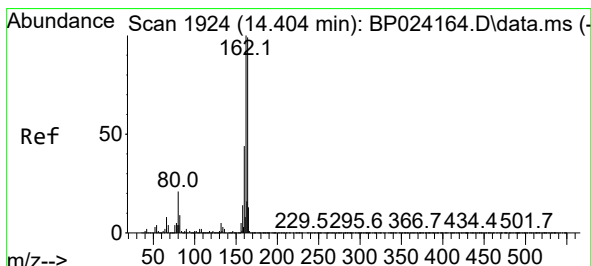
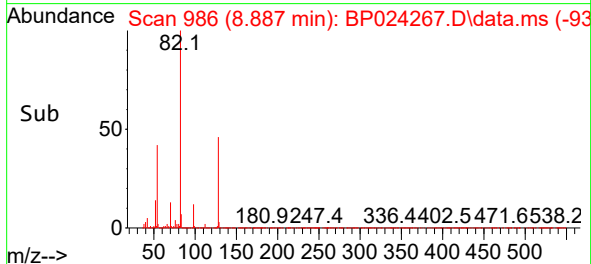
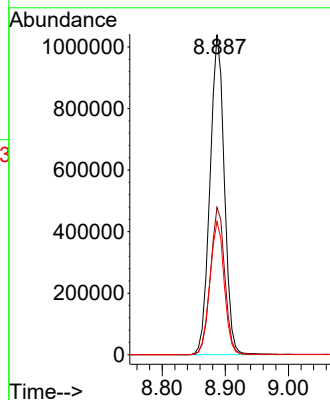
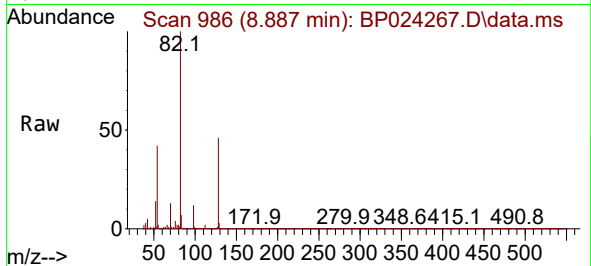




#23
Nitrobenzene-d5
Concen: 92.965 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024267.D
Acq: 11 Apr 2025 15:40

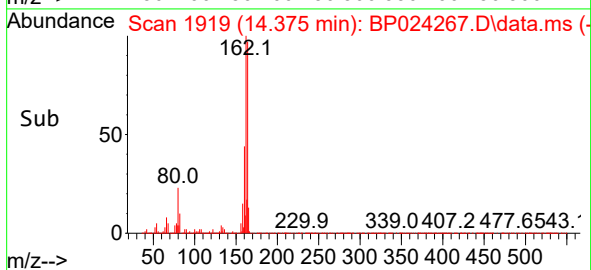
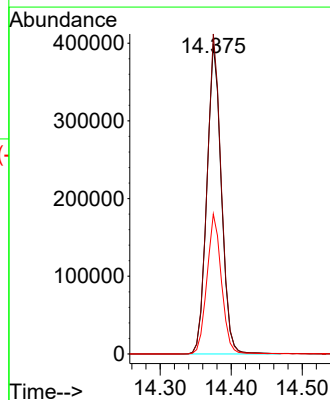
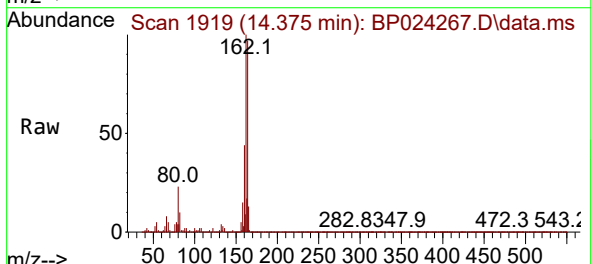
Instrument :
BNA_P
ClientSampleId :
B-149-SB01

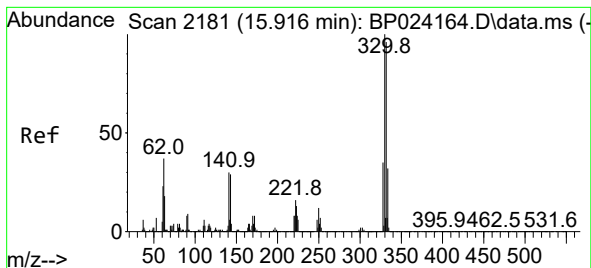
Tgt Ion: 82 Resp: 1640915
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.0
54 41.6 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024267.D
Acq: 11 Apr 2025 15:40

Tgt Ion: 164 Resp: 565210
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 45.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 165.738 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BP024267.D

Acq: 11 Apr 2025 15:40

Instrument :

BNA_P

ClientSampleId :

B-149-SB01

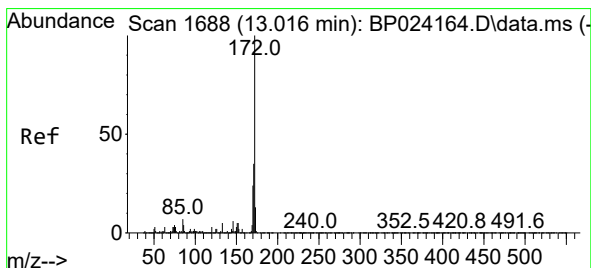
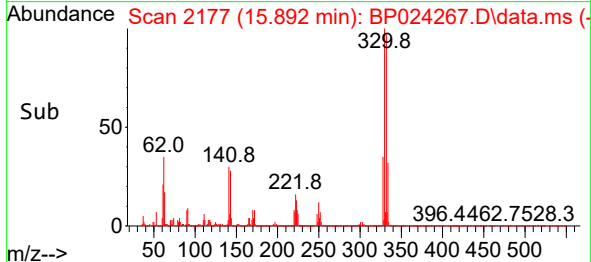
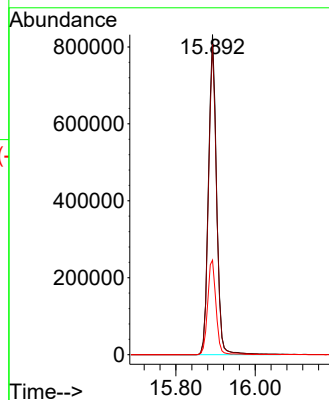
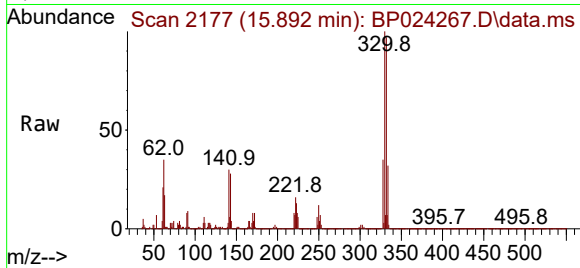
Tgt Ion:330 Resp: 1179980

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 30.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 90.562 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024267.D

Acq: 11 Apr 2025 15:40

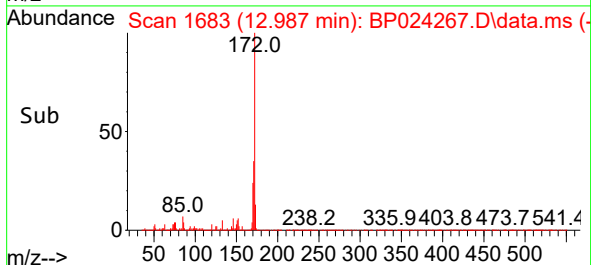
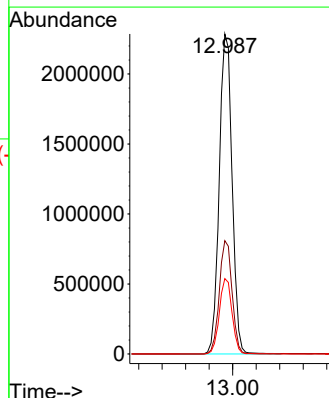
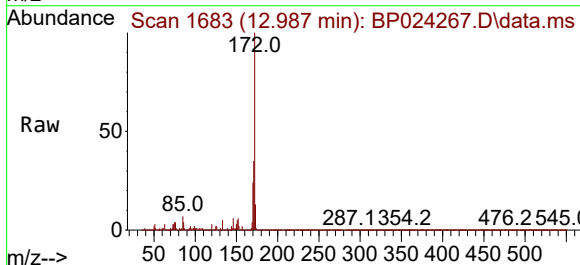
Tgt Ion:172 Resp: 3471386

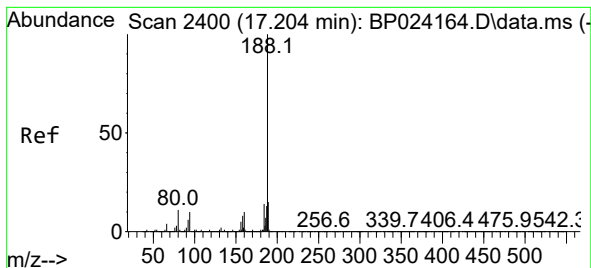
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024267.D

Acq: 11 Apr 2025 15:40

Instrument :

BNA_P

ClientSampleId :

B-149-SB01

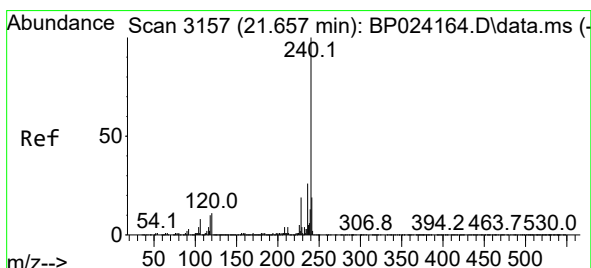
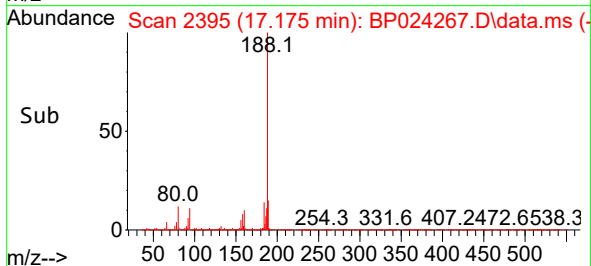
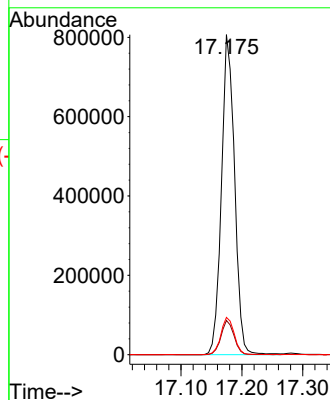
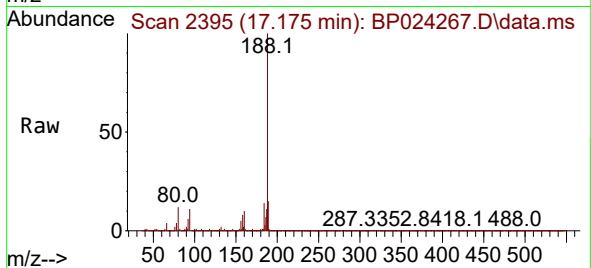
Tgt Ion:188 Resp: 1205781

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 11.6 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: BP024267.D

Acq: 11 Apr 2025 15:40

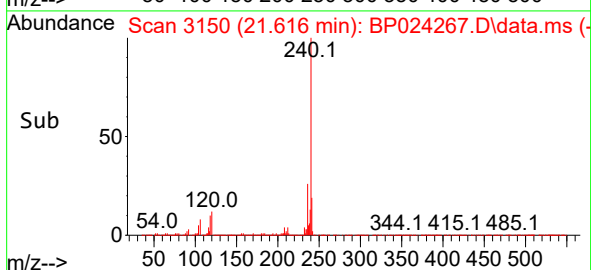
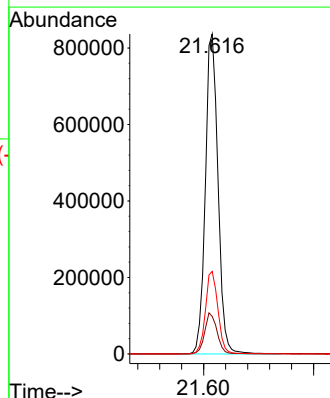
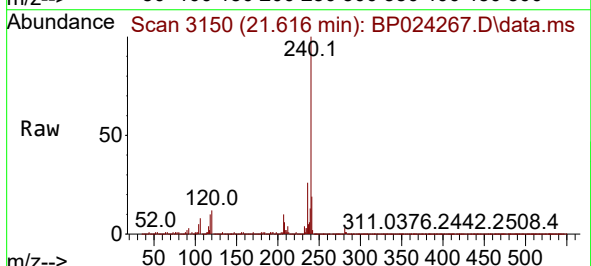
Tgt Ion:240 Resp: 1337101

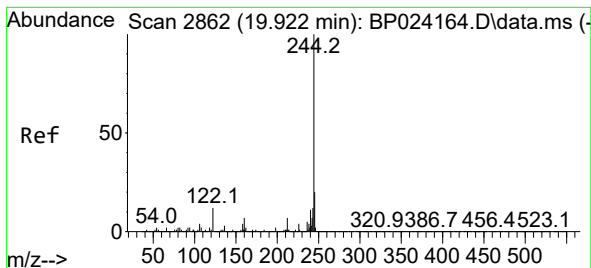
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 98.106 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024267.D

Acq: 11 Apr 2025 15:40

Instrument :

BNA_P

ClientSampleId :

B-149-SB01

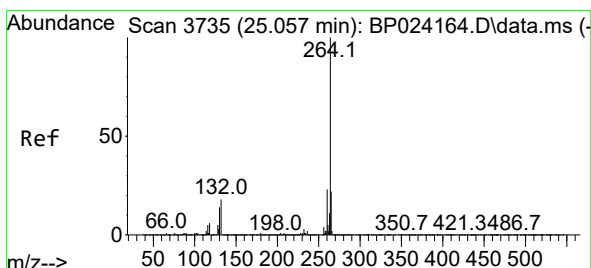
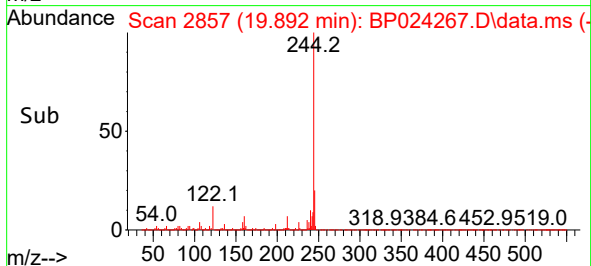
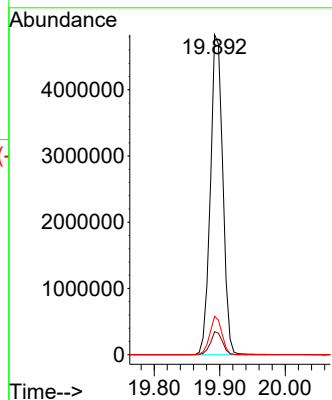
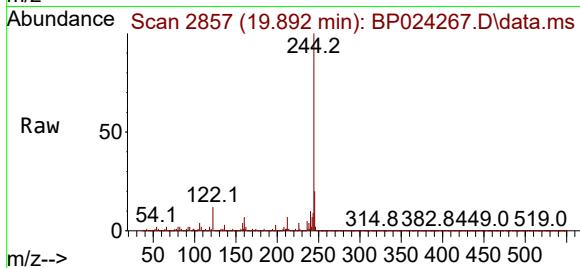
Tgt Ion:244 Resp: 6354830

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3722

Delta R.T. -0.029 min

Lab File: BP024267.D

Acq: 11 Apr 2025 15:40

Tgt Ion:264 Resp: 684982

Ion Ratio Lower Upper

264 100

260 25.3 18.5 27.7

265 21.8 17.7 26.5

