

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024169.D
 Acq On : 12 Mar 2025 22:24
 Operator : RC/JU
 Sample : PB167078BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167078BL

Quant Time: Mar 13 04:57:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	328685	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1308753	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	805317	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1587779	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1596224	20.000	ng	0.00
86) Perylene-d12	25.069	264	1738119	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2857610	138.782	ng	0.00
7) Phenol-d6	6.952	99	3616274	131.333	ng	0.00
23) Nitrobenzene-d5	8.922	82	2056977	88.677	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1397945	137.810	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4825477	88.354	ng	0.00
79) Terphenyl-d14	19.928	244	8013112	103.625	ng	0.00

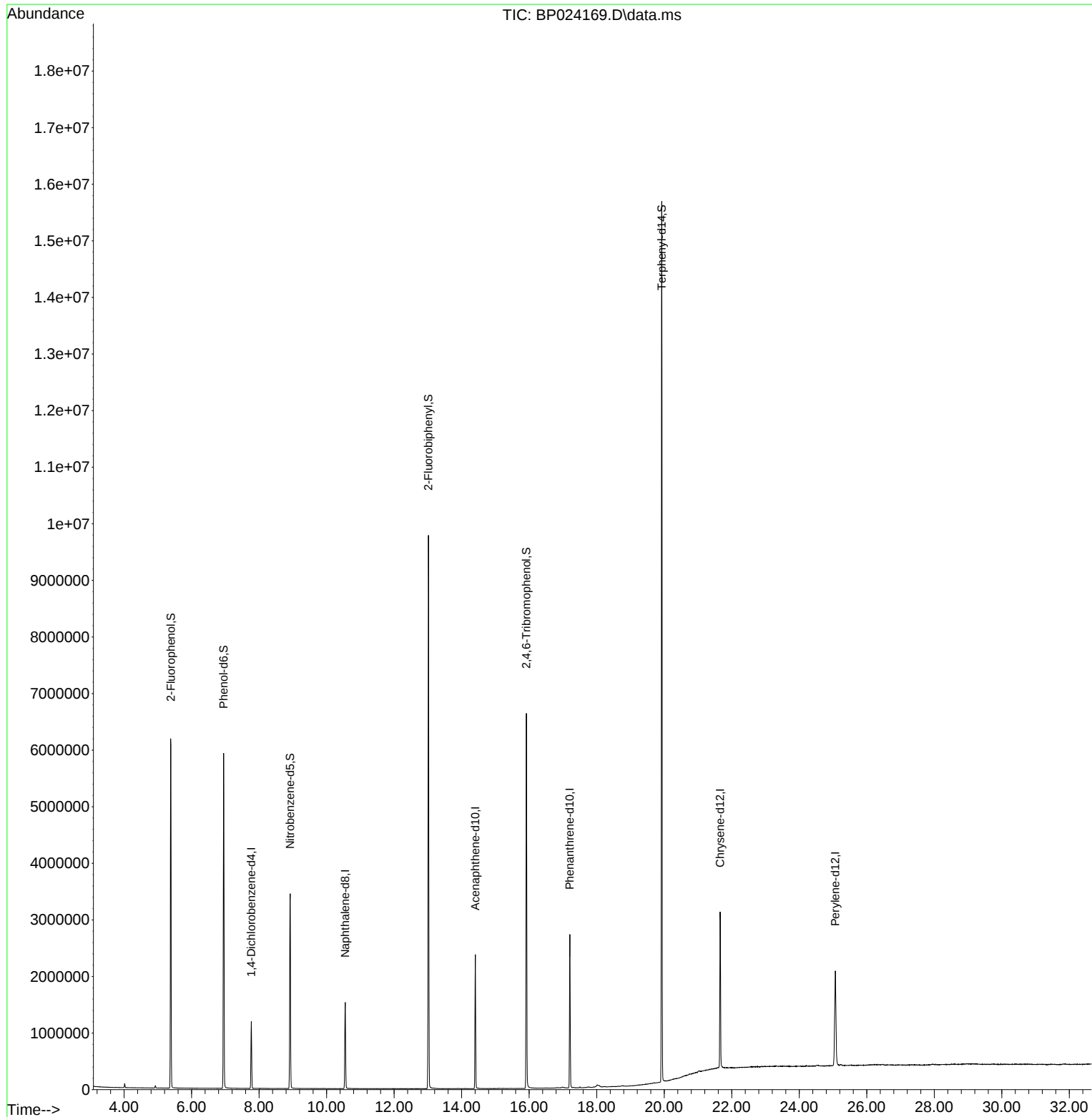
Target Compounds	Qvalue

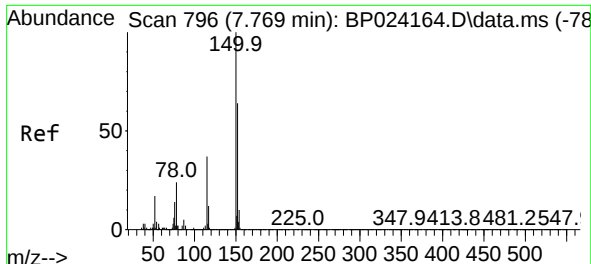
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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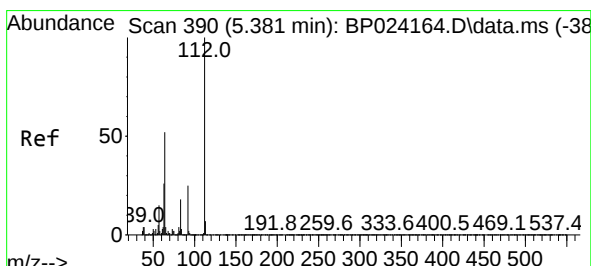
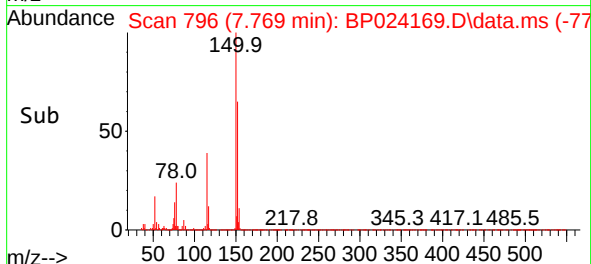
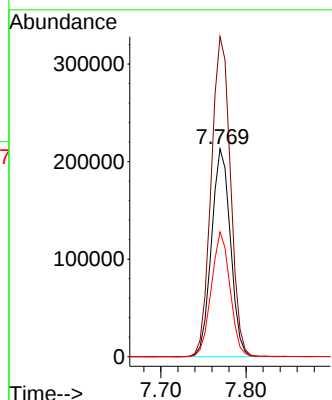
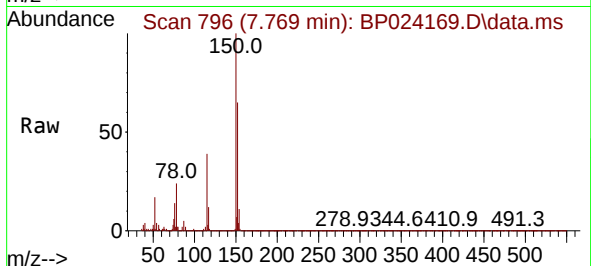




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

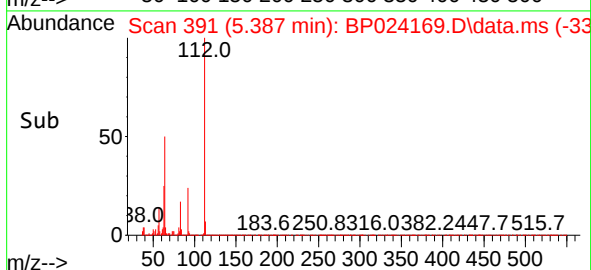
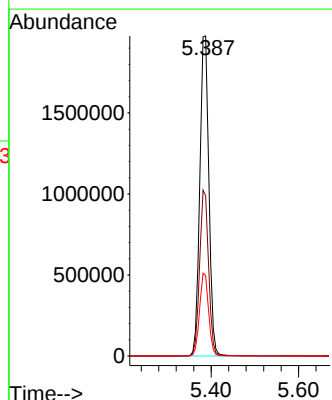
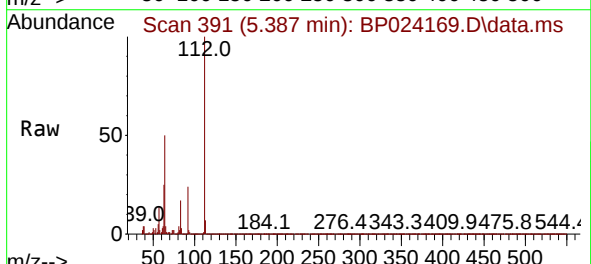
Instrument :
BNA_P
ClientSampleId :
PB167078BL

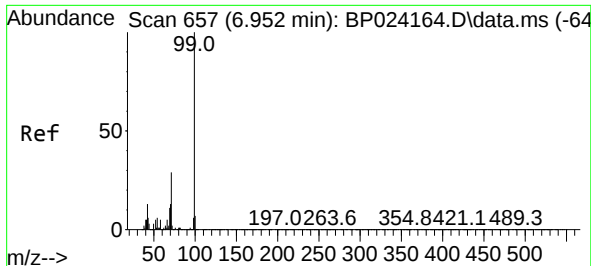
Tgt Ion:152 Resp: 328685
Ion Ratio Lower Upper
152 100
150 154.0 125.5 188.3
115 60.1 46.3 69.5



#5
2-Fluorophenol
Concen: 138.782 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

Tgt Ion:112 Resp: 2857610
Ion Ratio Lower Upper
112 100
64 50.1 41.3 61.9
63 25.1 20.6 31.0



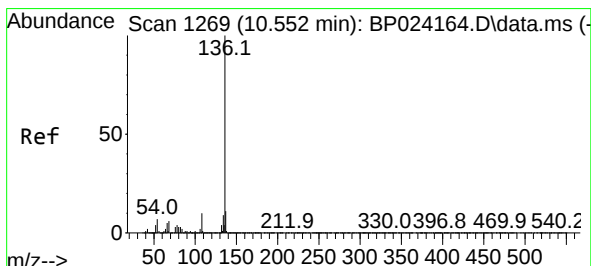
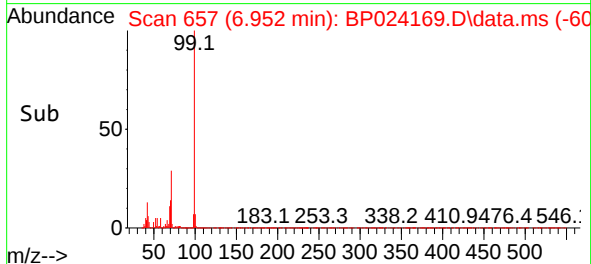
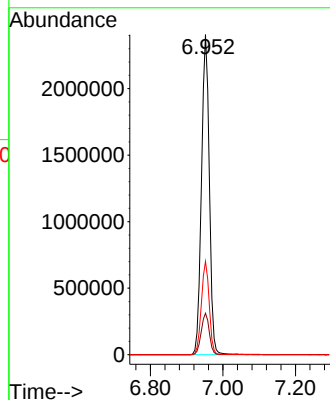
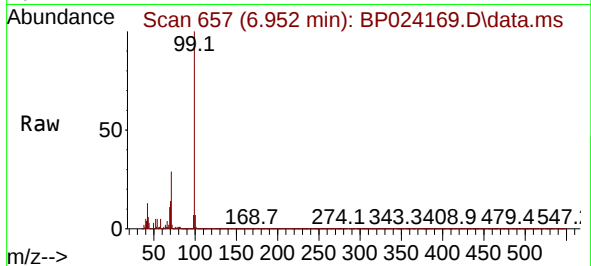


#7
Phenol-d6
Concen: 131.333 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

Instrument :
BNA_P
ClientSampleId :
PB167078BL

Tgt Ion: 99 Resp: 3616274

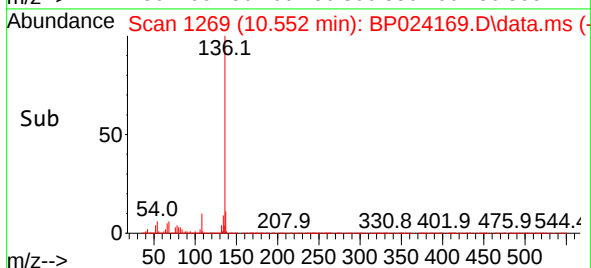
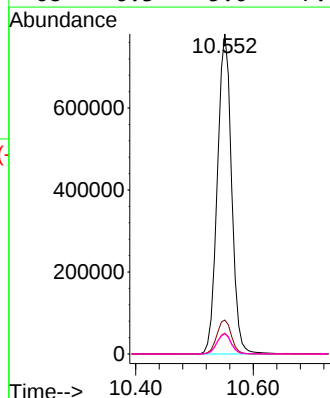
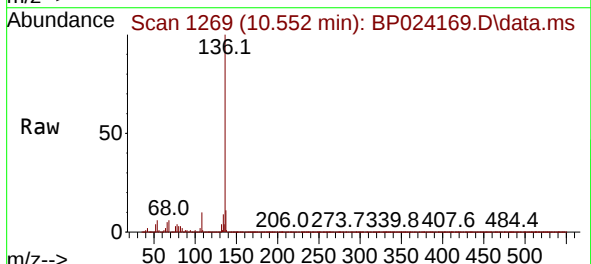
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	16.0
71	29.1	23.3	34.9

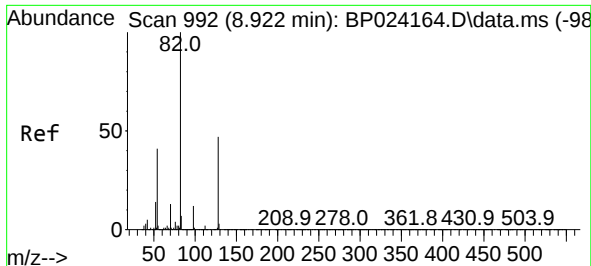


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

Tgt Ion: 136 Resp: 1308753

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.5	5.3	7.9
68	6.3	5.0	7.4

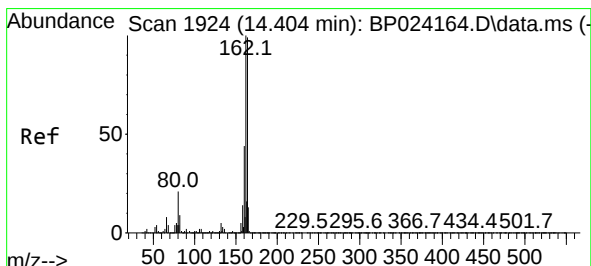
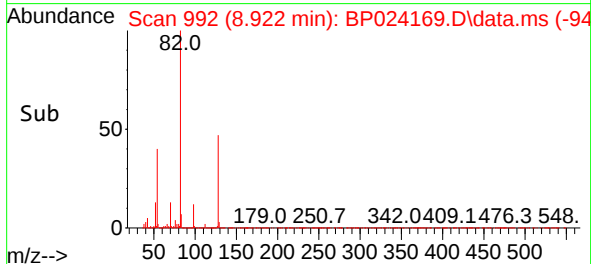
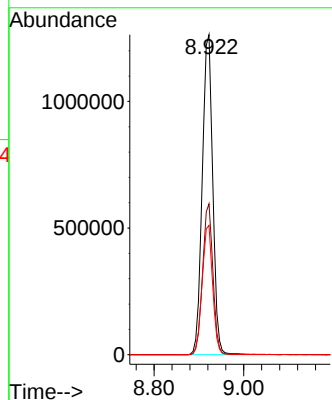
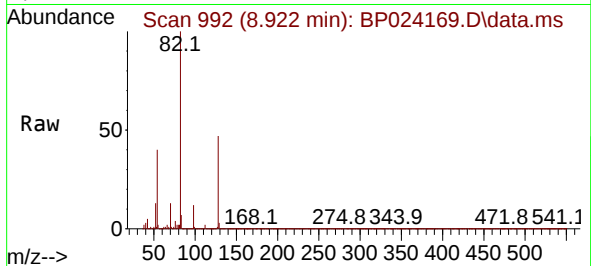




#23
Nitrobenzene-d5
Concen: 88.677 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

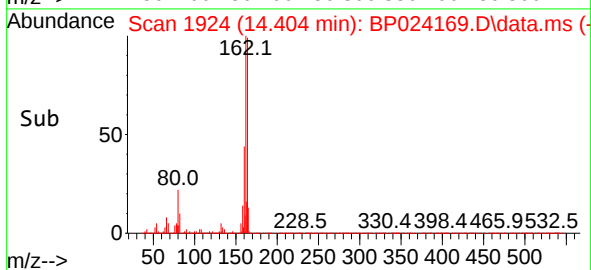
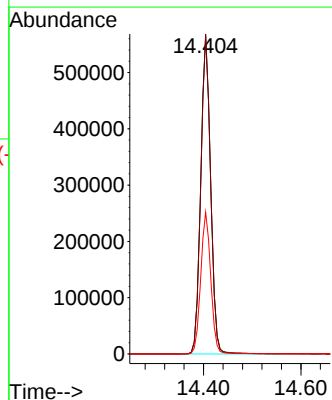
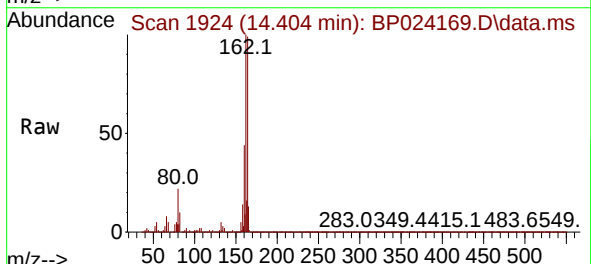
Instrument :
BNA_P
ClientSampleId :
PB167078BL

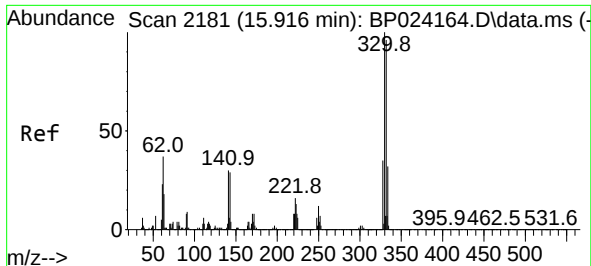
Tgt Ion: 82 Resp: 2056977
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 40.4 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

Tgt Ion:164 Resp: 805317
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.5 35.4 53.2

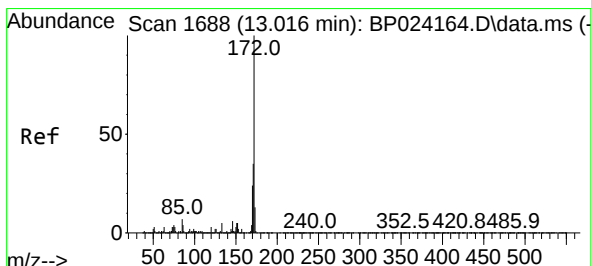
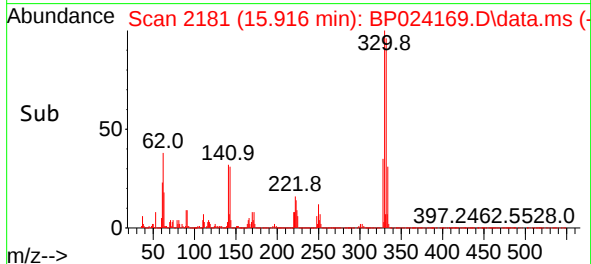
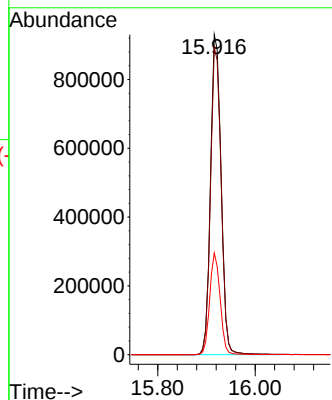
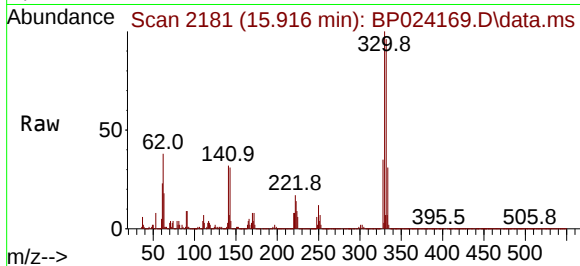




#42
2,4,6-Tribromophenol
Concen: 137.810 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

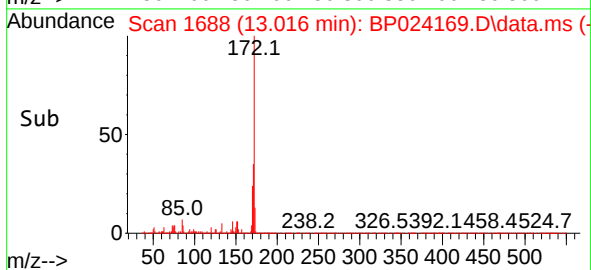
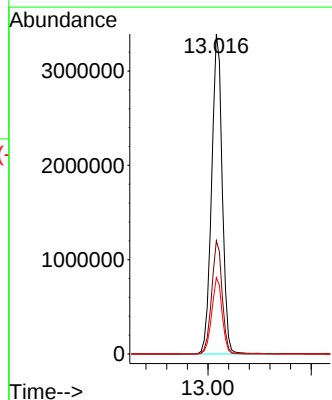
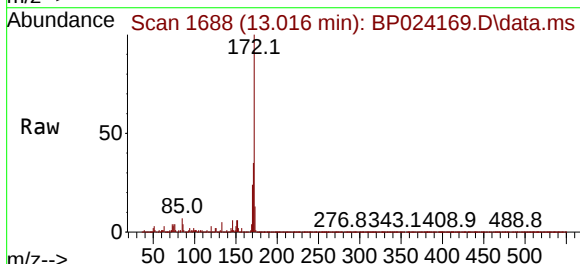
Instrument :
BNA_P
ClientSampleId :
PB167078BL

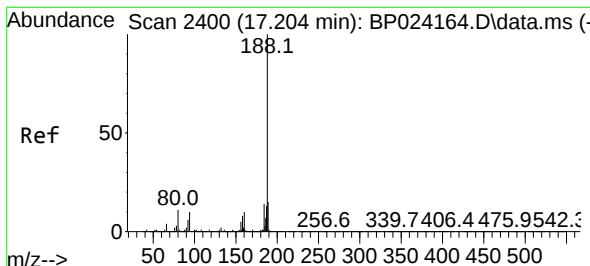
Tgt Ion:330 Resp: 1397945
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.3 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 88.354 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP024169.D
Acq: 12 Mar 2025 22:24

Tgt Ion:172 Resp: 4825477
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BP024169.D

Acq: 12 Mar 2025 22:24

Instrument :

BNA_P

ClientSampleId :

PB167078BL

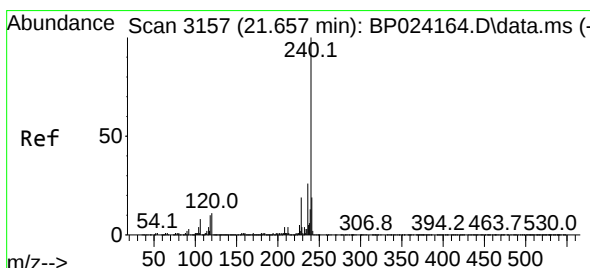
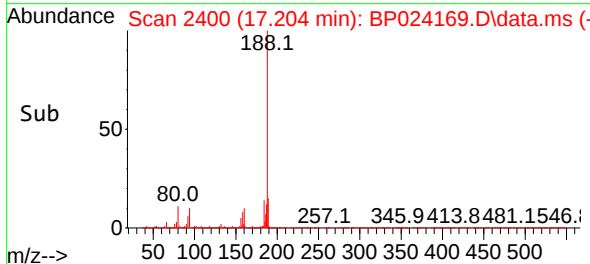
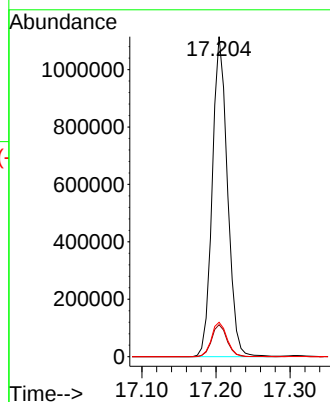
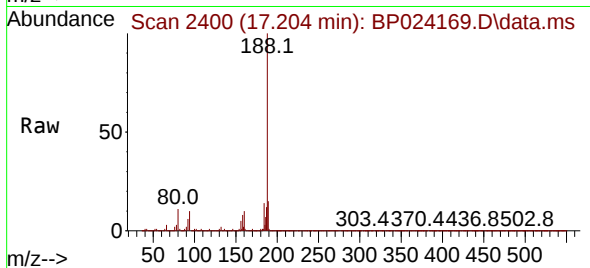
Tgt Ion:188 Resp: 1587779

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 10.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BP024169.D

Acq: 12 Mar 2025 22:24

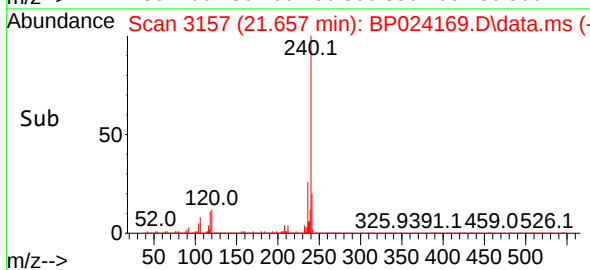
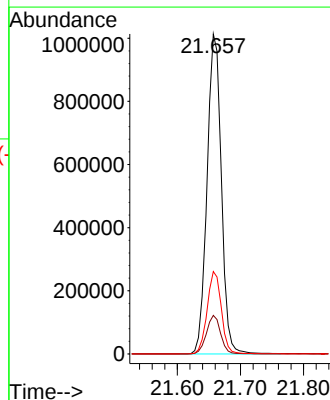
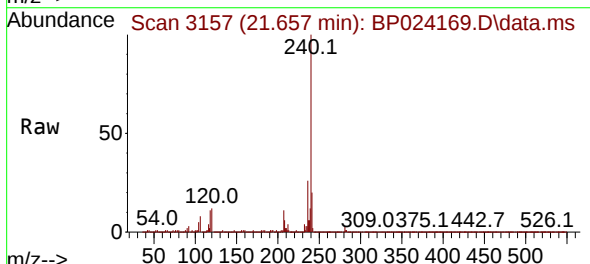
Tgt Ion:240 Resp: 1596224

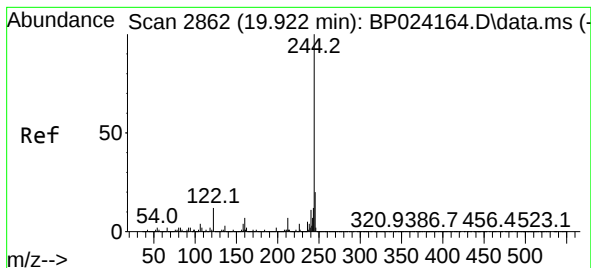
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 103.625 ng

RT: 19.928 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BP024169.D

Acq: 12 Mar 2025 22:24

Instrument :

BNA_P

ClientSampleId :

PB167078BL

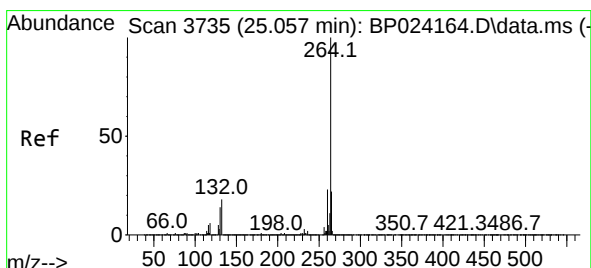
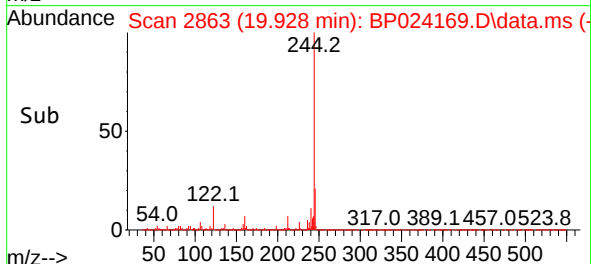
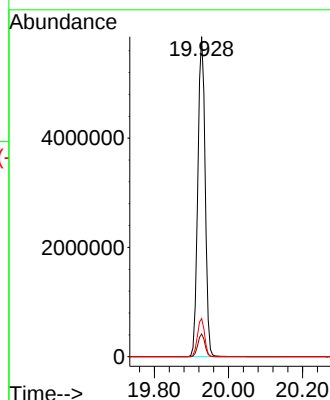
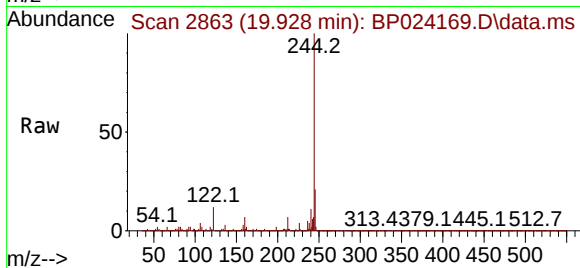
Tgt Ion:244 Resp: 8013112

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.069 min Scan# 3737

Delta R.T. 0.012 min

Lab File: BP024169.D

Acq: 12 Mar 2025 22:24

Tgt Ion:264 Resp: 1738119

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.0 17.7 26.5

