

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024184.D
 Acq On : 18 Mar 2025 13:10
 Operator : RC/JU
 Sample : PB167171BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BL

Quant Time: Mar 18 13:35:26 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 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	335947	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1339284	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	801993	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1554225	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1662991	20.000	ng	0.00
86) Perylene-d12	25.057	264	1790932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2068351	98.280	ng	0.00
7) Phenol-d6	6.946	99	2596384	92.255	ng	0.00
23) Nitrobenzene-d5	8.916	82	2282220	96.145	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	840478	83.198	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5128452	94.291	ng	0.00
79) Terphenyl-d14	19.928	244	8304556	103.082	ng	0.00

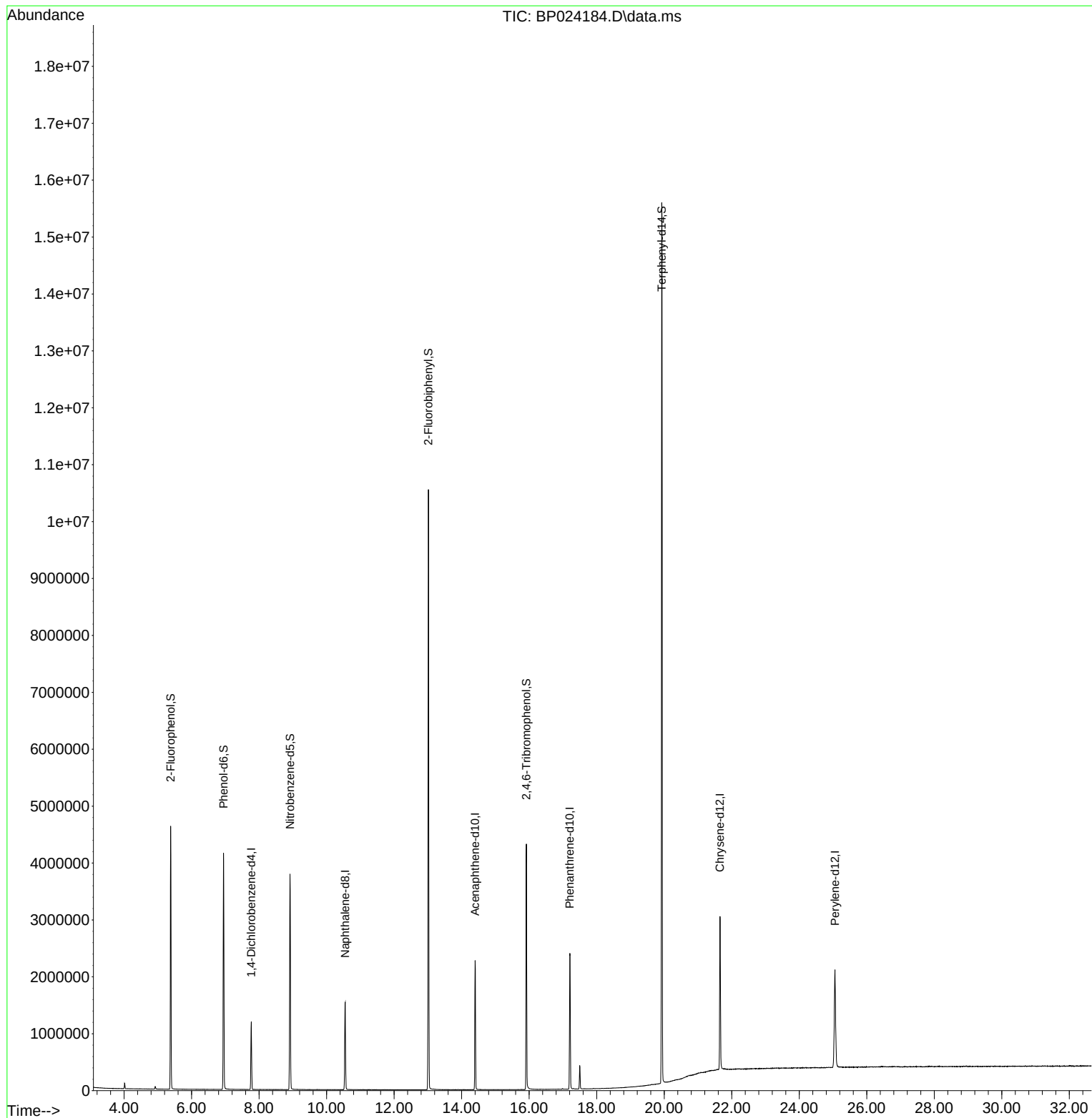
Target Compounds	Qvalue

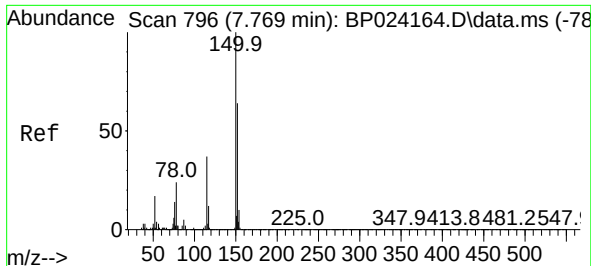
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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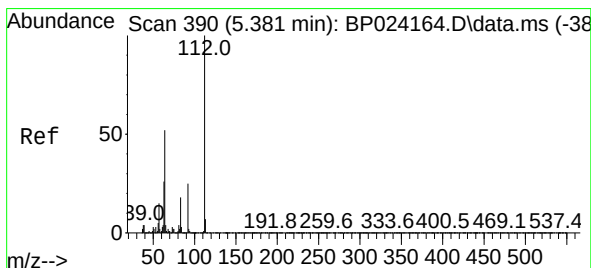
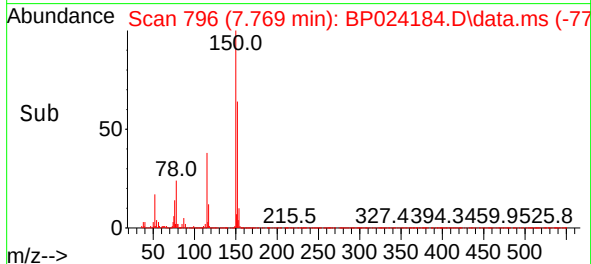
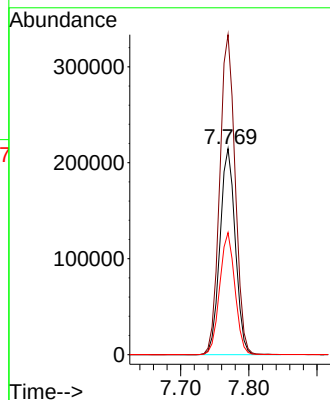
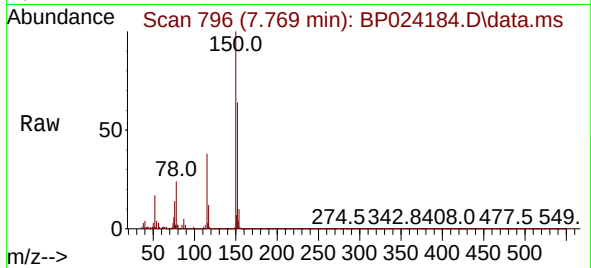




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

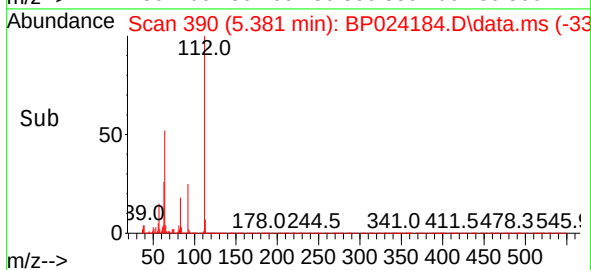
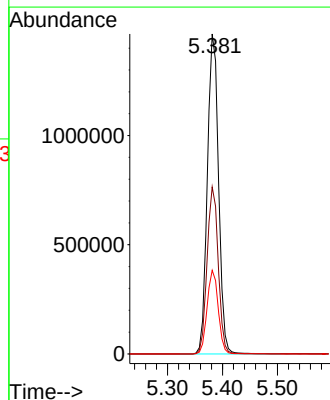
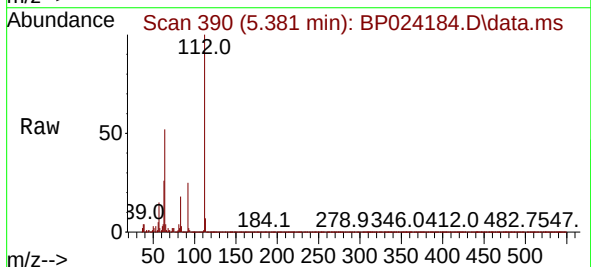
Instrument :
BNA_P
ClientSampleId :
PB167171BL

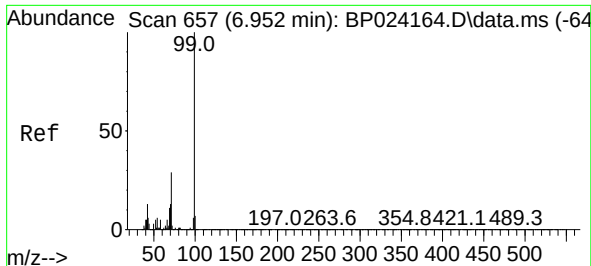
Tgt Ion:152 Resp: 335947
Ion Ratio Lower Upper
152 100
150 155.2 125.5 188.3
115 59.3 46.3 69.5



#5
2-Fluorophenol
Concen: 98.280 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:112 Resp: 2068351
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 26.2 20.6 31.0

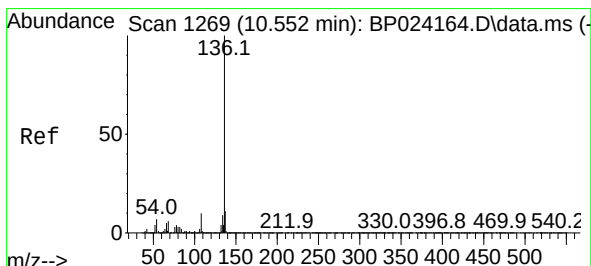
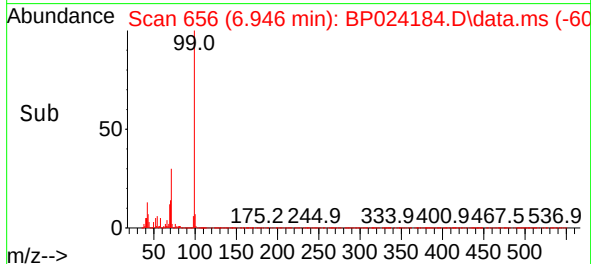
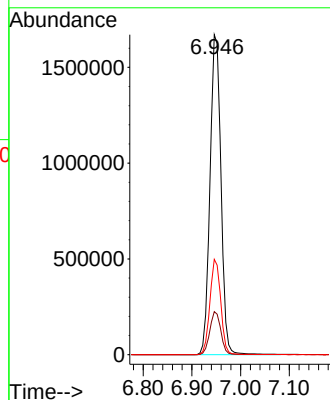
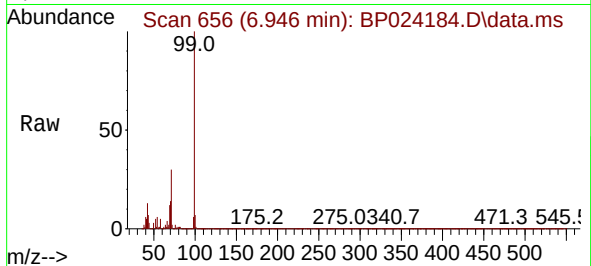




#7
Phenol-d6
Concen: 92.255 ng
RT: 6.946 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

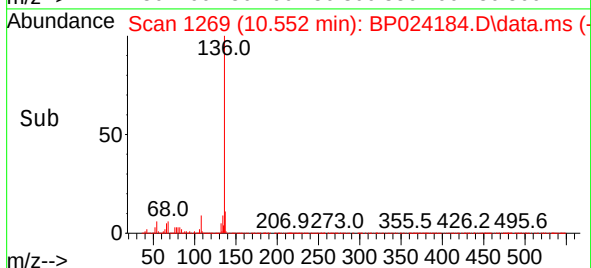
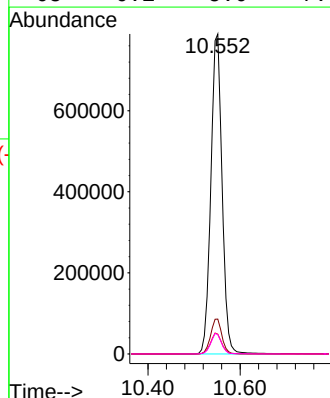
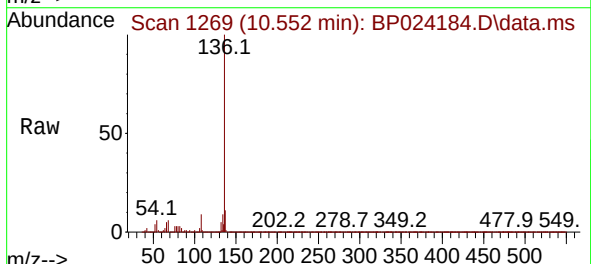
Instrument :
BNA_P
ClientSampleId :
PB167171BL

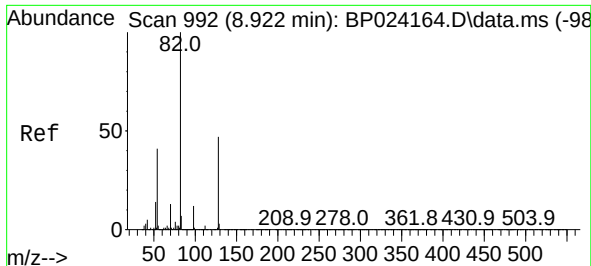
Tgt Ion: 99 Resp: 2596384
Ion Ratio Lower Upper
99 100
42 13.5 10.6 16.0
71 29.8 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:136 Resp: 1339284
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.2 5.3 7.9
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.145 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024184.D

Acq: 18 Mar 2025 13:10

Instrument :

BNA_P

ClientSampleId :

PB167171BL

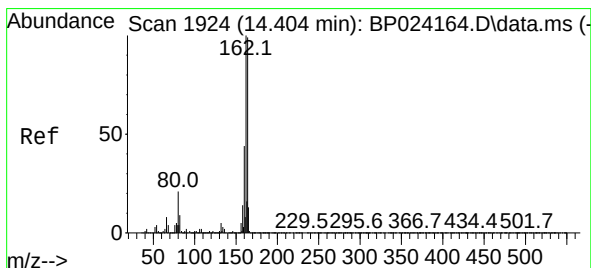
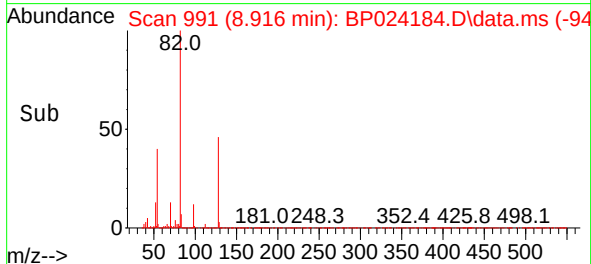
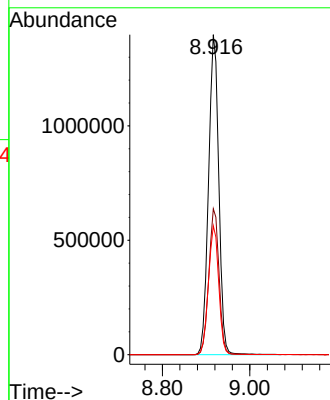
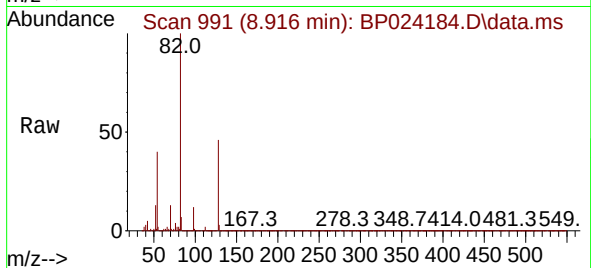
Tgt Ion: 82 Resp: 2282220

Ion Ratio Lower Upper

82 100

128 45.6 37.4 56.0

54 40.2 32.5 48.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BP024184.D

Acq: 18 Mar 2025 13:10

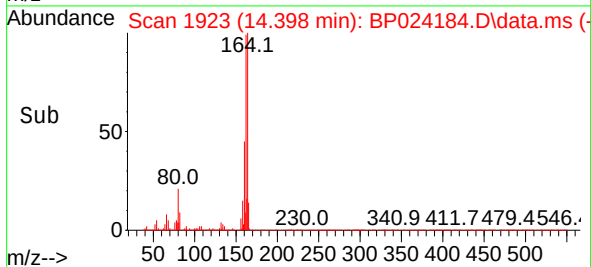
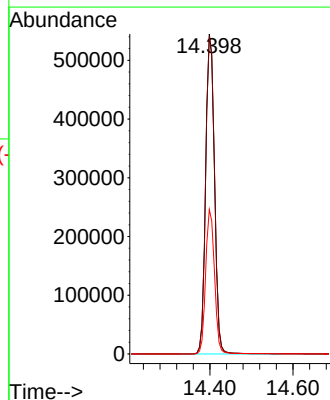
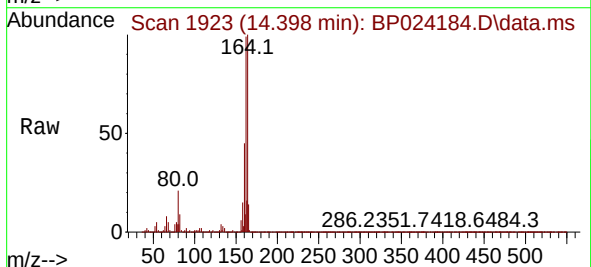
Tgt Ion: 164 Resp: 801993

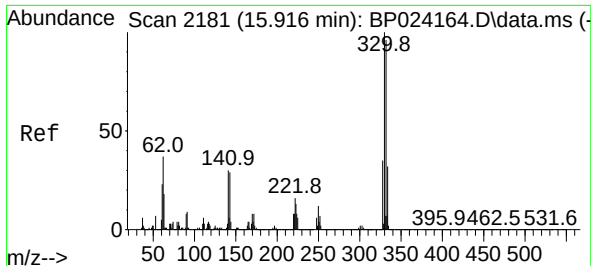
Ion Ratio Lower Upper

164 100

162 99.2 80.6 121.0

160 45.1 35.4 53.2

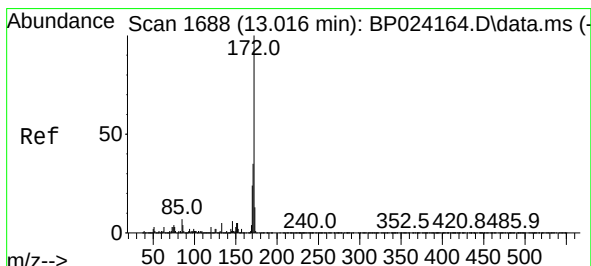
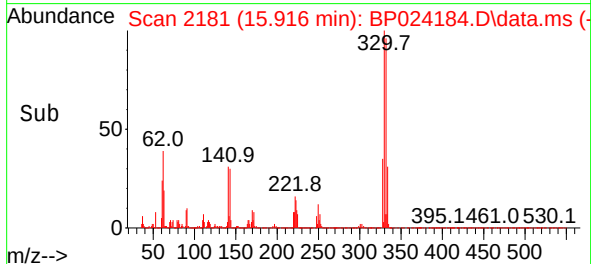
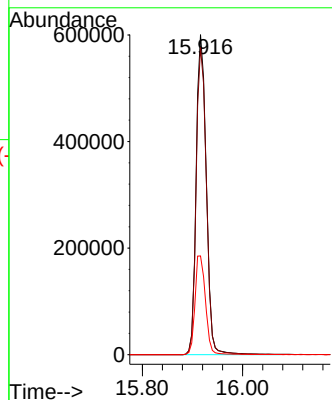
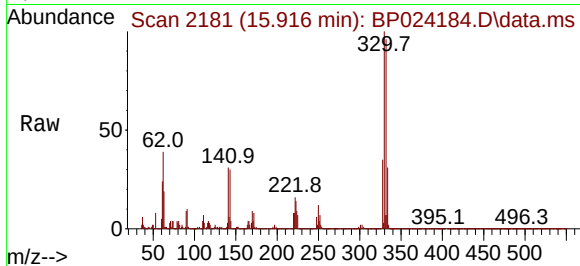




#42
2,4,6-Tribromophenol
Concen: 83.198 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

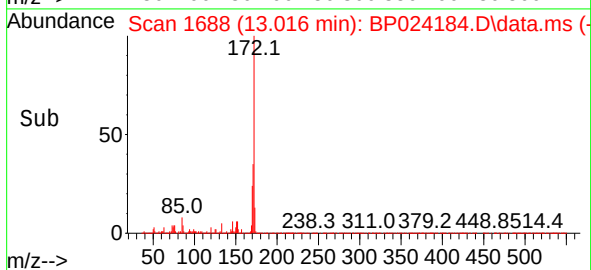
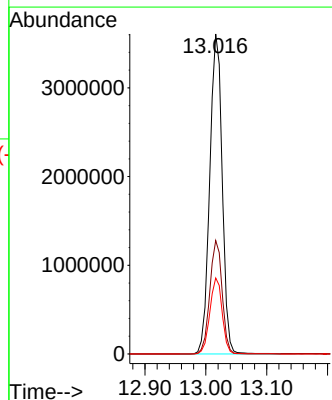
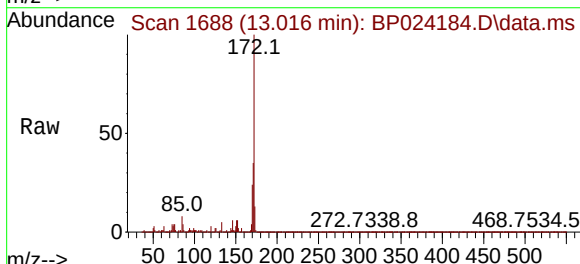
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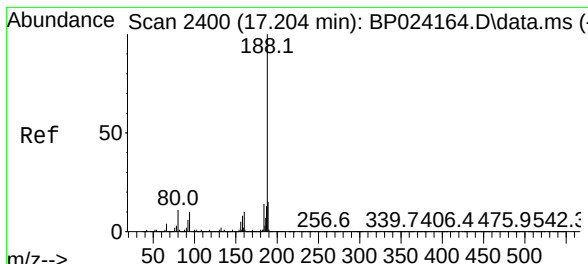
Tgt Ion:330 Resp: 840478
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 32.0 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 94.291 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:172 Resp: 5128452
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.0 28.4



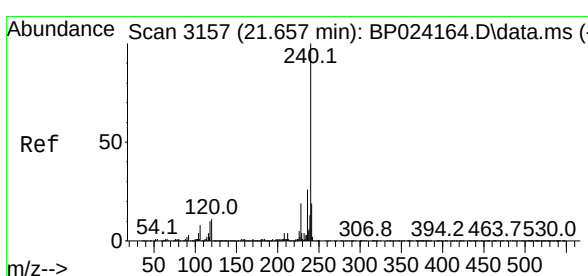
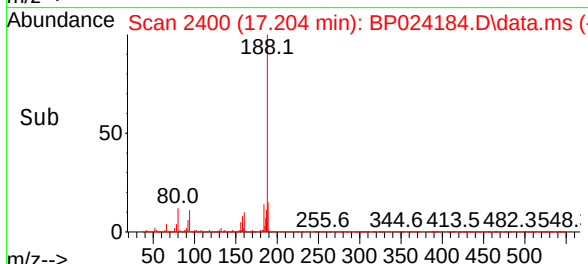
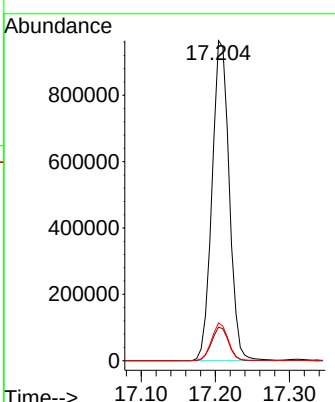
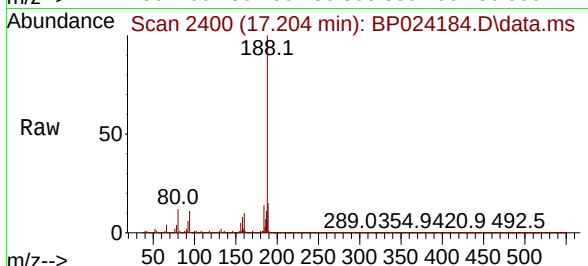


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.204 min Scan# 2400
 Delta R.T. 0.000 min
 Lab File: BP024184.D
 Acq: 18 Mar 2025 13:10

Instrument :
 BNA_P
 ClientSampleId :
 PB167171BL

Tgt Ion:188 Resp: 1554225

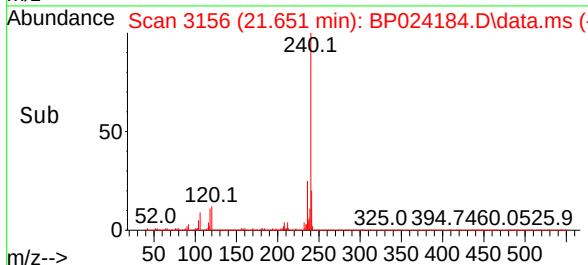
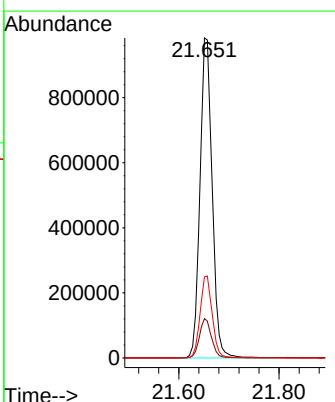
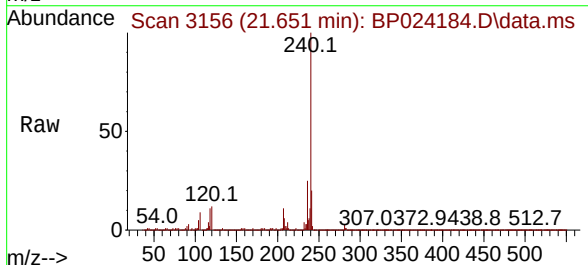
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.8	8.9	13.3

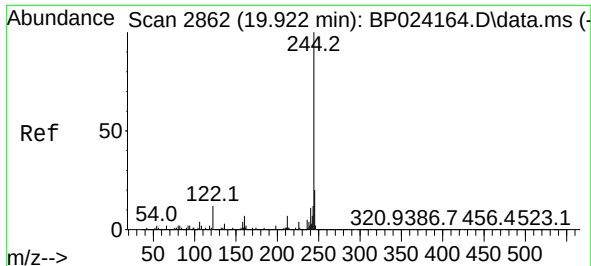


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.651 min Scan# 3156
 Delta R.T. -0.006 min
 Lab File: BP024184.D
 Acq: 18 Mar 2025 13:10

Tgt Ion:240 Resp: 1662991

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	25.4	20.4	30.6

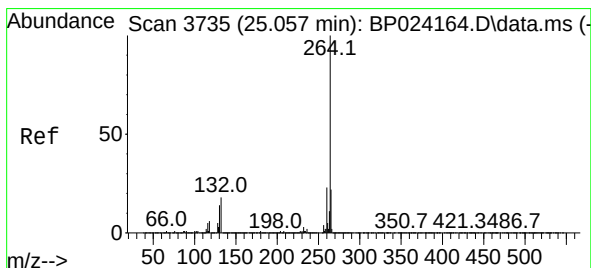
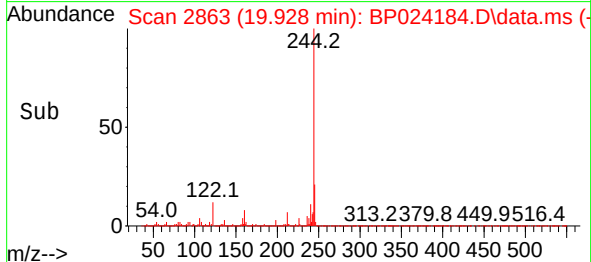
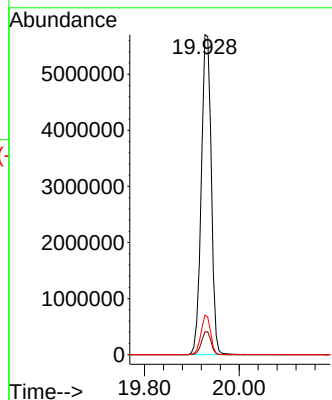
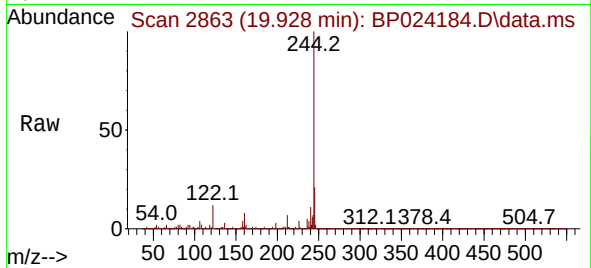




#79
 Terphenyl-d14
 Concen: 103.082 ng
 RT: 19.928 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024184.D
 Acq: 18 Mar 2025 13:10

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 8304556
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.057 min Scan# 3735
 Delta R.T. 0.000 min
 Lab File: BP024184.D
 Acq: 18 Mar 2025 13:10

Tgt Ion:264 Resp: 1790932
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.3 17.7 26.5

