

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024237.D
 Acq On : 09 Apr 2025 16:20
 Operator : RC/JU
 Sample : Q1712-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TT-7

Quant Time: Apr 09 16:47:54 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	7.740	152	256391	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	980816	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	587798	20.000	ng	-0.03
64) Phenanthrene-d10	17.186	188	1203665	20.000	ng	-0.02
76) Chrysene-d12	21.621	240	1296452	20.000	ng	-0.04
86) Perylene-d12	24.998	264	1347892	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2113496	131.586	ng	-0.02
7) Phenol-d6	6.922	99	2478651	115.400	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1684087	96.876	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	1168202	157.778	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3616955	90.733	ng	-0.03
79) Terphenyl-d14	19.898	244	6180318	98.404	ng	-0.02

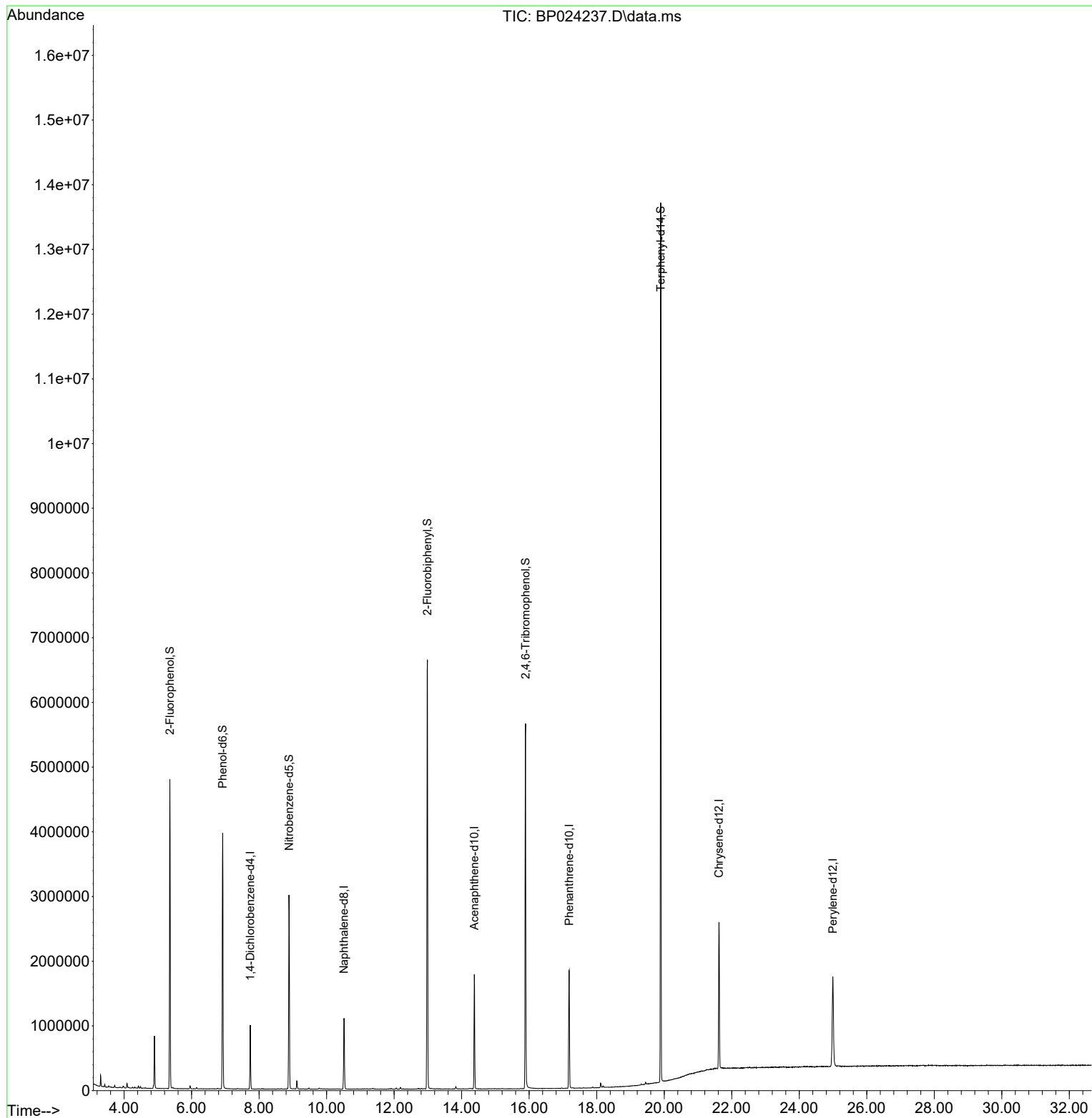
Target Compounds	Qvalue

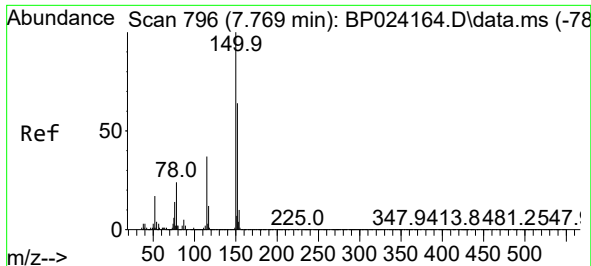
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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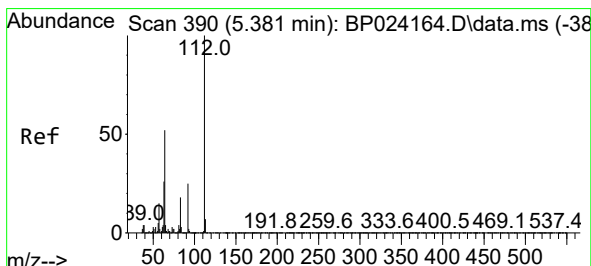
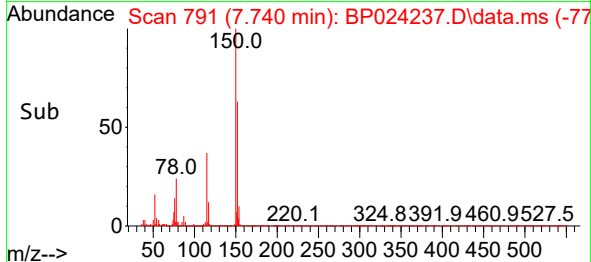
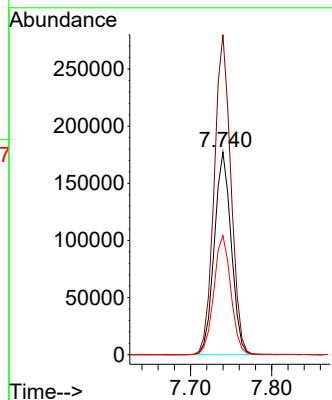
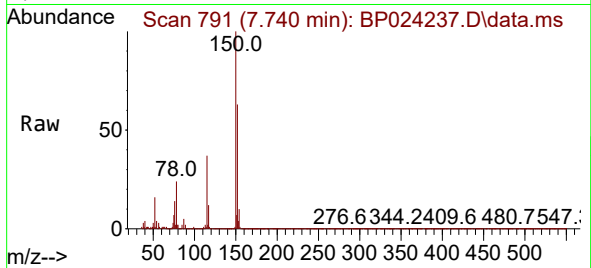




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024237.D
Acq: 09 Apr 2025 16:20

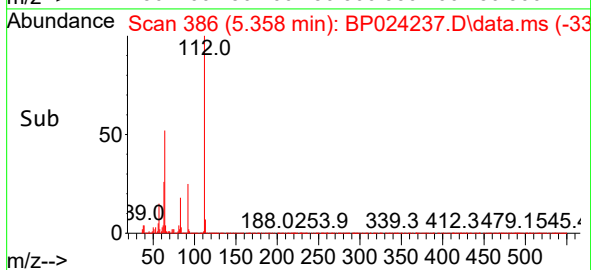
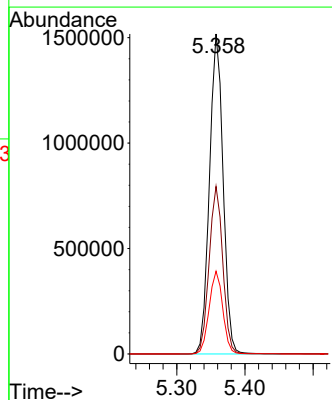
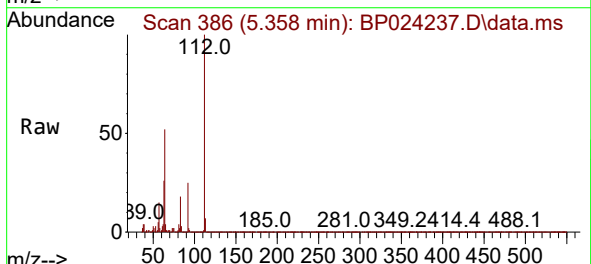
Instrument :
BNA_P
ClientSampleId :
TT-7

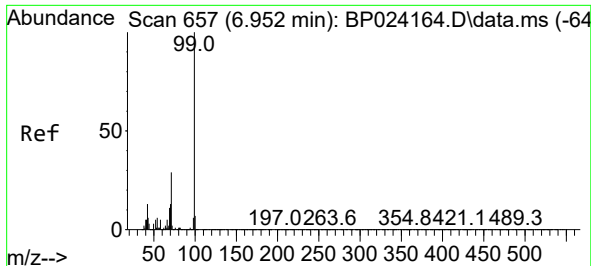
Tgt Ion:152 Resp: 256391
Ion Ratio Lower Upper
152 100
150 158.0 125.5 188.3
115 58.9 46.3 69.5



#5
2-Fluorophenol
Concen: 131.586 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024237.D
Acq: 09 Apr 2025 16:20

Tgt Ion:112 Resp: 2113496
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 25.9 20.6 31.0

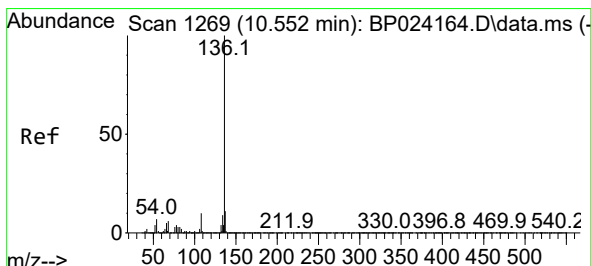
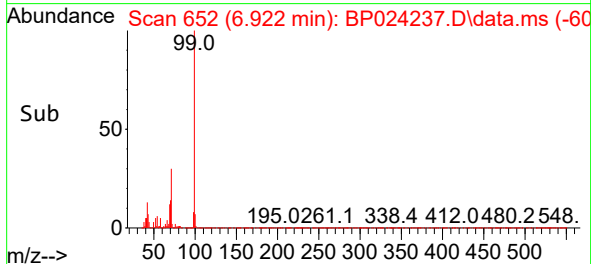
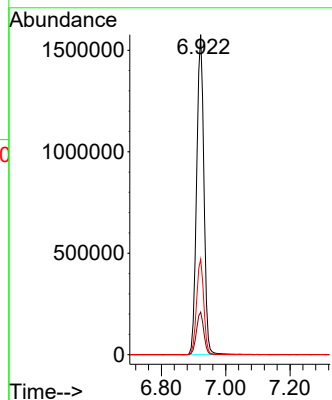
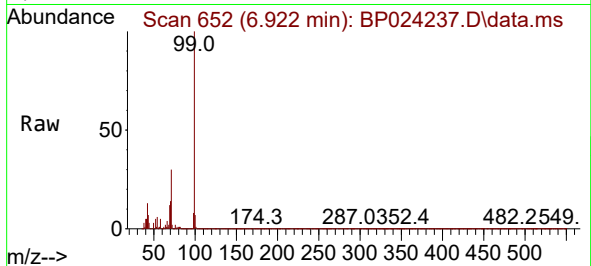




#7
Phenol-d6
Concen: 115.400 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024237.D
Acq: 09 Apr 2025 16:20

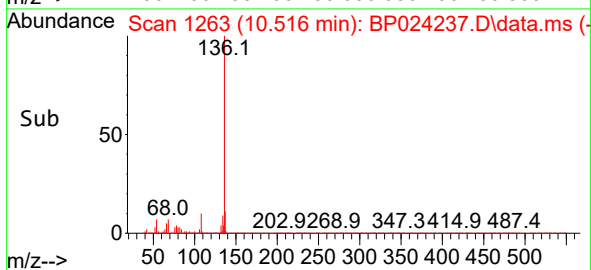
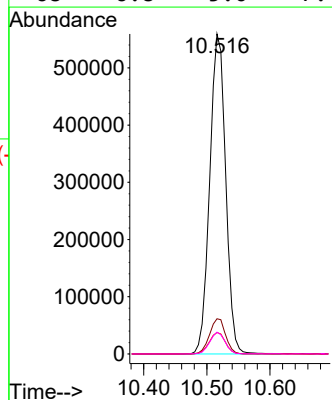
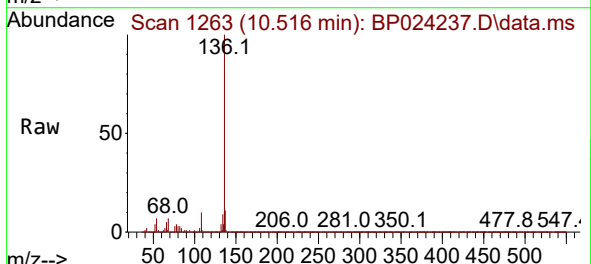
Instrument :
BNA_P
ClientSampleId :
TT-7

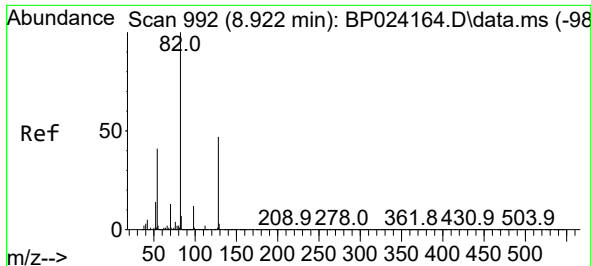
Tgt Ion: 99 Resp: 2478651
Ion Ratio Lower Upper
99 100
42 13.3 10.6 16.0
71 29.8 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024237.D
Acq: 09 Apr 2025 16:20

Tgt Ion: 136 Resp: 980816
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.7 5.3 7.9
68 6.8 5.0 7.4

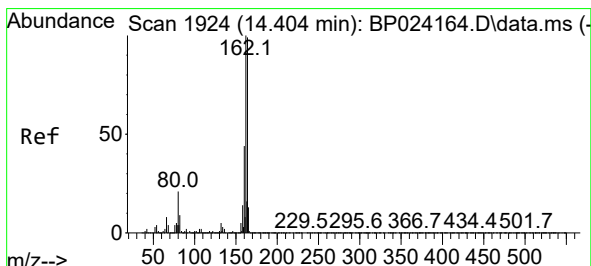
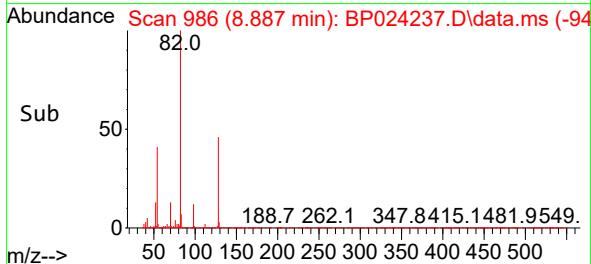
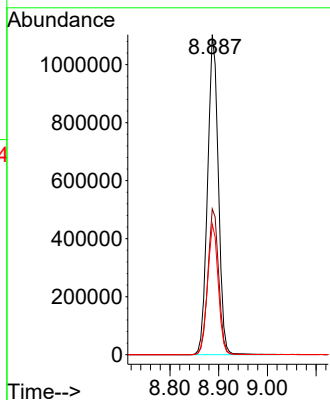
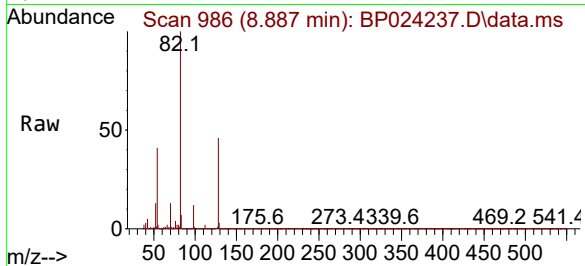




#23
Nitrobenzene-d5
Concen: 96.876 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024237.D
Acq: 09 Apr 2025 16:20

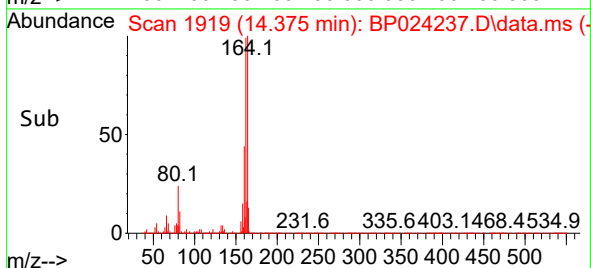
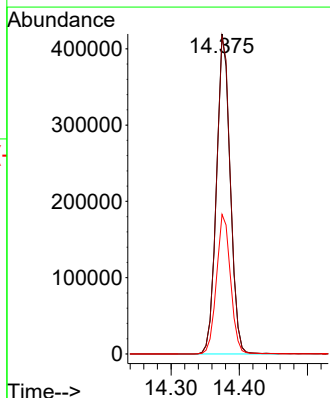
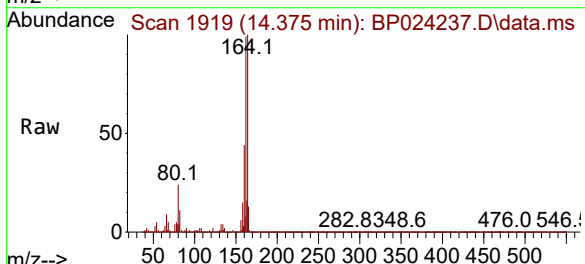
Instrument :
BNA_P
ClientSampleId :
TT-7

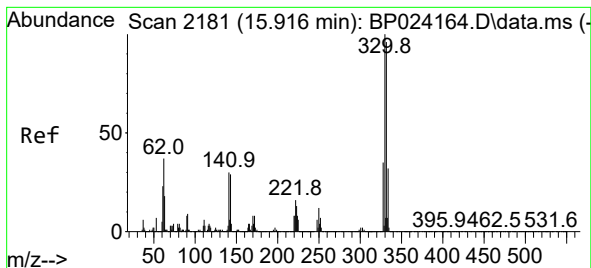
Tgt Ion: 82 Resp: 1684087
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.0
54 40.7 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.030 min
Lab File: BP024237.D
Acq: 09 Apr 2025 16:20

Tgt Ion: 164 Resp: 587798
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 157.778 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.024 min

Lab File: BP024237.D

Acq: 09 Apr 2025 16:20

Instrument :

BNA_P

ClientSampleId :

TT-7

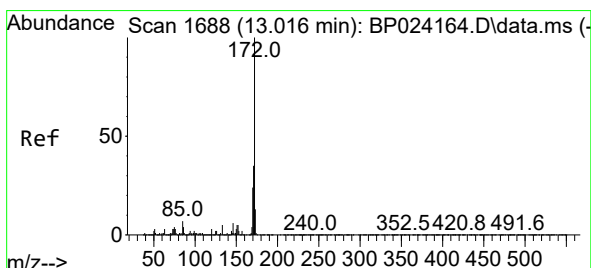
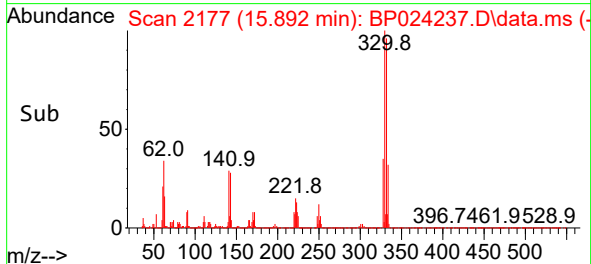
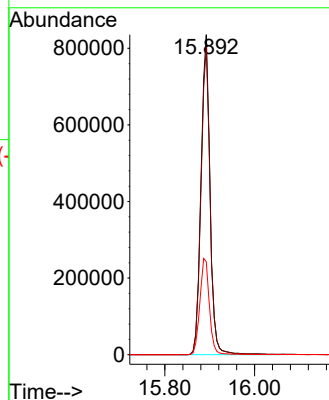
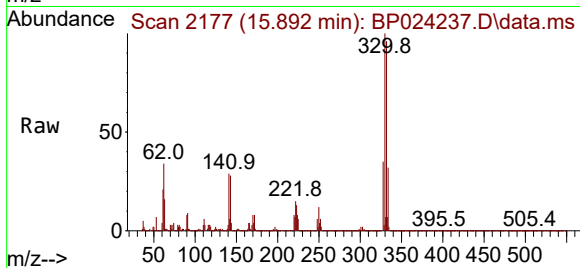
Tgt Ion:330 Resp: 1168202

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 31.7 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 90.733 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.030 min

Lab File: BP024237.D

Acq: 09 Apr 2025 16:20

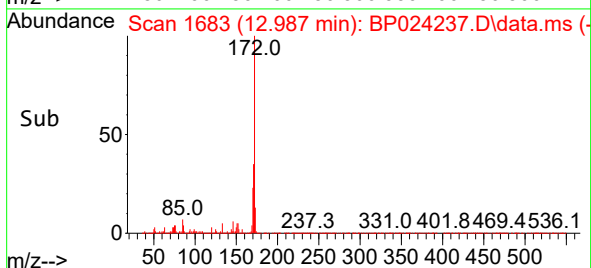
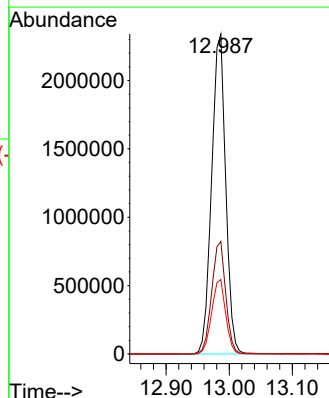
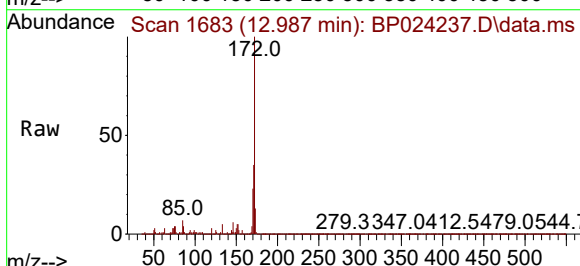
Tgt Ion:172 Resp: 3616955

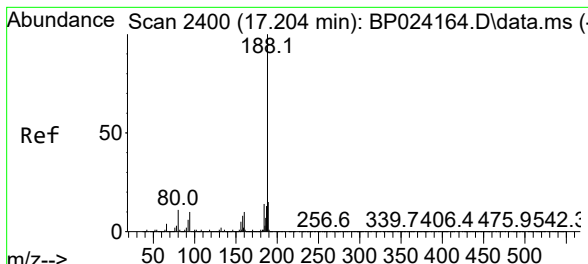
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.0 28.4



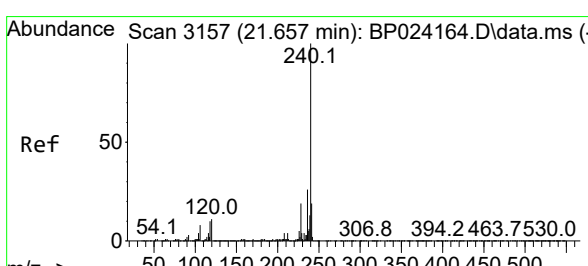
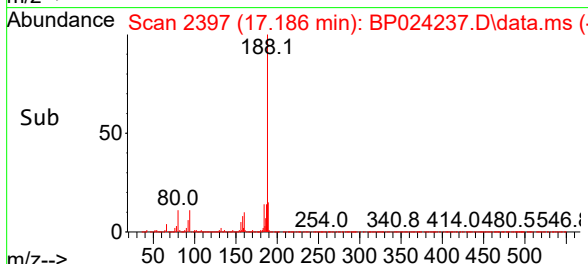
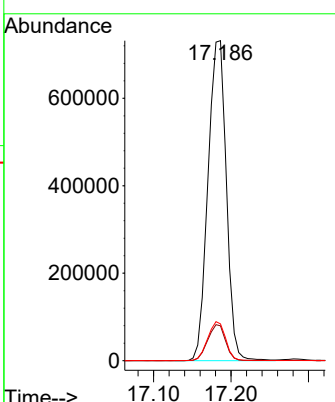
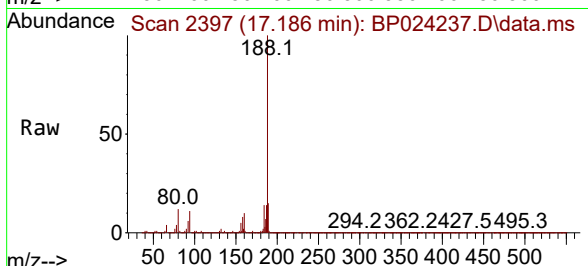


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.186 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024237.D
 Acq: 09 Apr 2025 16:20

Instrument : BNA_P
 ClientSampleId : TT-7

Tgt Ion:188 Resp: 1203665

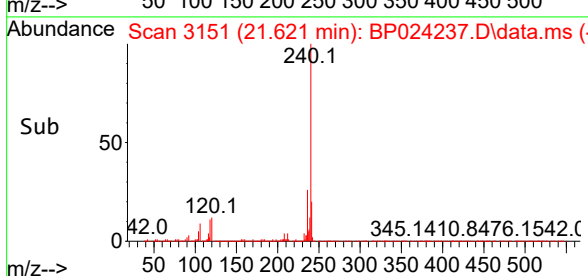
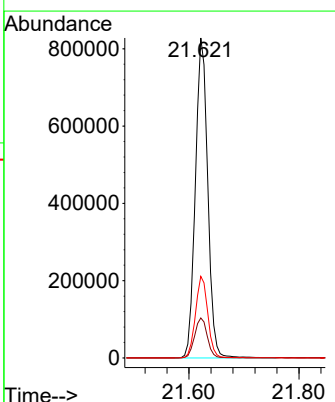
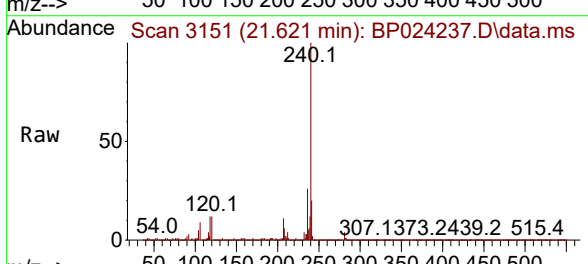
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	11.5	8.9	13.3

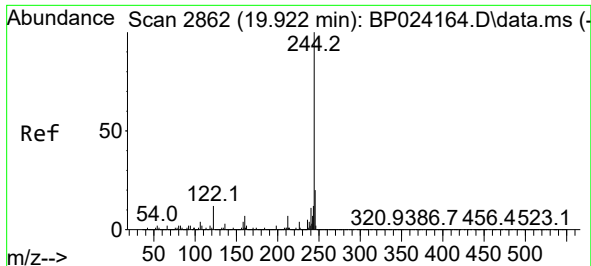


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.621 min Scan# 3151
 Delta R.T. -0.035 min
 Lab File: BP024237.D
 Acq: 09 Apr 2025 16:20

Tgt Ion:240 Resp: 1296452

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.2	13.8
236	25.5	20.4	30.6

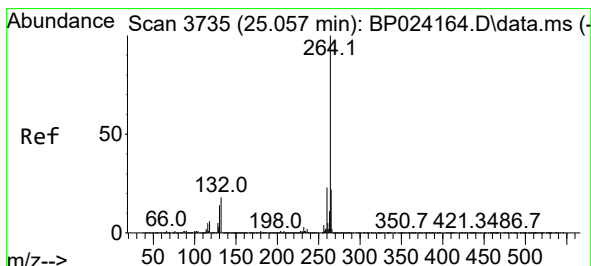
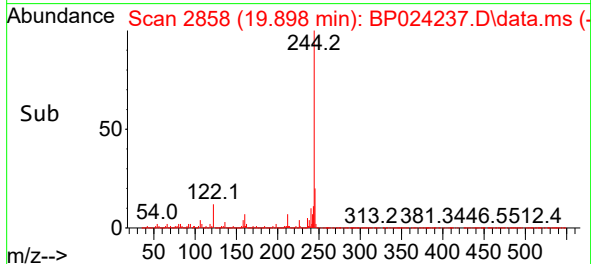
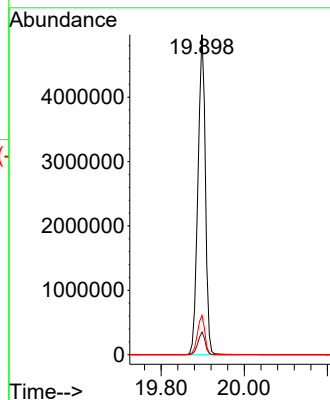
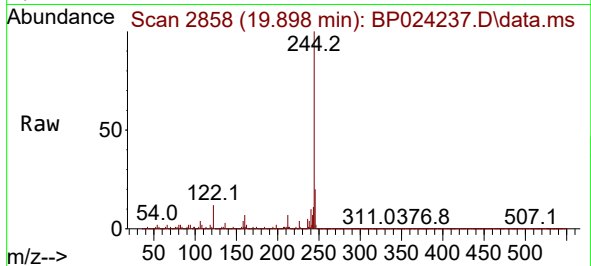




#79
 Terphenyl-d14
 Concen: 98.404 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024237.D
 Acq: 09 Apr 2025 16:20

Instrument :
 BNA_P
 ClientSampleId :
 TT-7

Tgt Ion:244 Resp: 6180318
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3725
 Delta R.T. -0.059 min
 Lab File: BP024237.D
 Acq: 09 Apr 2025 16:20

Tgt Ion:264 Resp: 1347892
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.9 17.7 26.5

