

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024255.D
 Acq On : 10 Apr 2025 17:49
 Operator : RC/JU
 Sample : Q1748-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IB-2A-WC

Quant Time: Apr 10 18:14:25 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	289864	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1131144	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	542647	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1295492	20.000	ng	-0.01
76) Chrysene-d12	21.627	240	1183743	20.000	ng	-0.02
86) Perylene-d12	24.998	264	89546	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2616100	144.069	ng	0.00
7) Phenol-d6	6.922	99	2758106	113.582	ng	0.00
23) Nitrobenzene-d5	8.887	82	2162867	107.883	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1448212	211.872	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4408773	119.799	ng	-0.01
79) Terphenyl-d14	19.916	244	7538567	131.458	ng	0.00

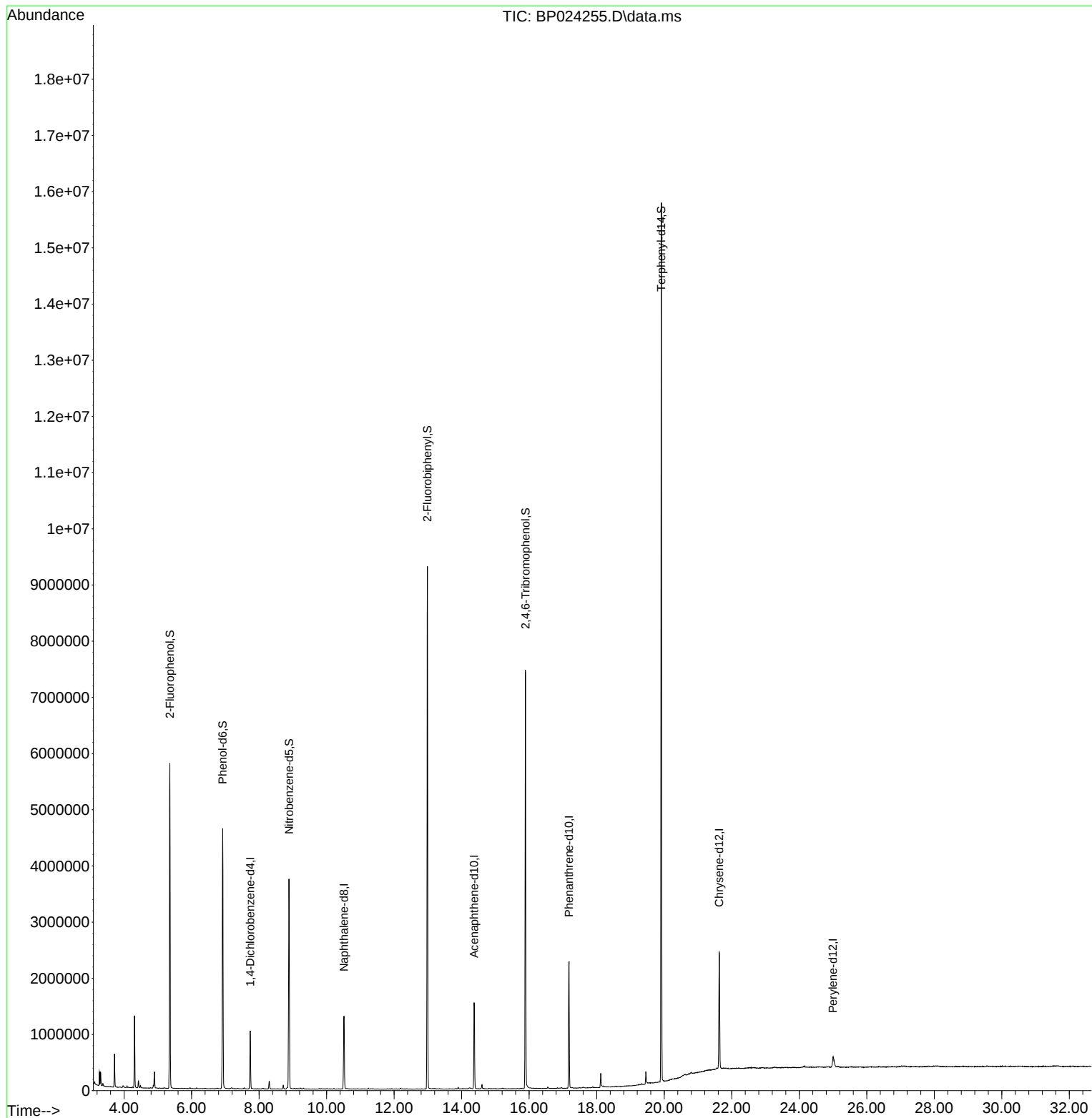
Target Compounds	Qvalue

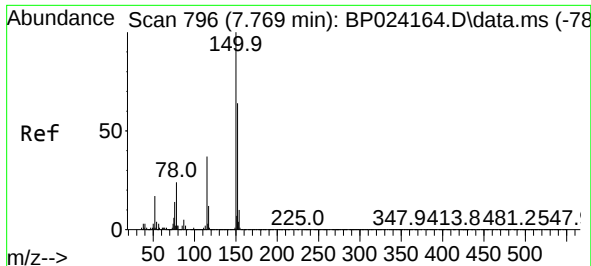
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024255.D
Acq On : 10 Apr 2025 17:49
Operator : RC/JU
Sample : Q1748-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

Quant Time: Apr 10 18:14:25 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

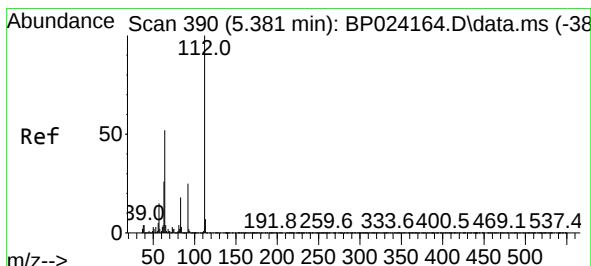
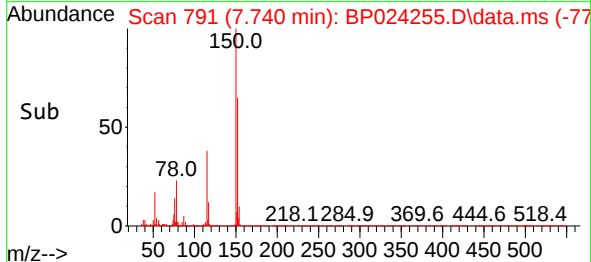
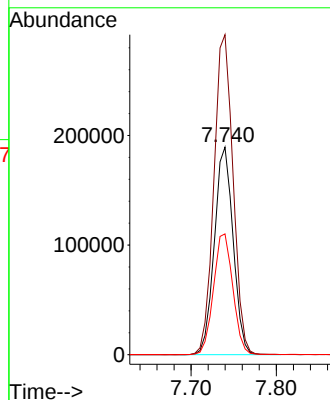
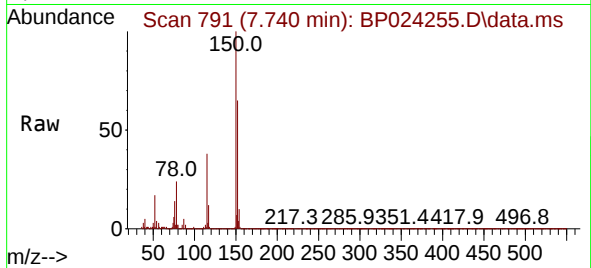




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BP024255.D
 Acq: 10 Apr 2025 17:49

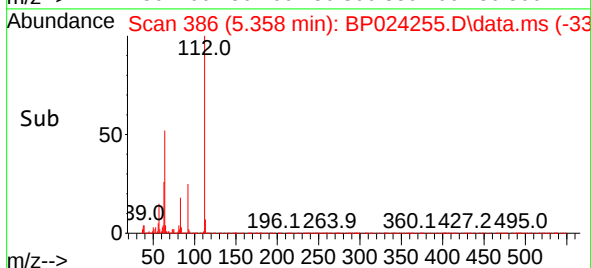
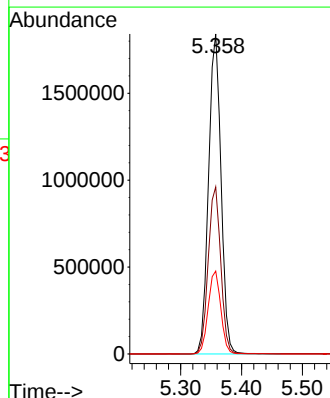
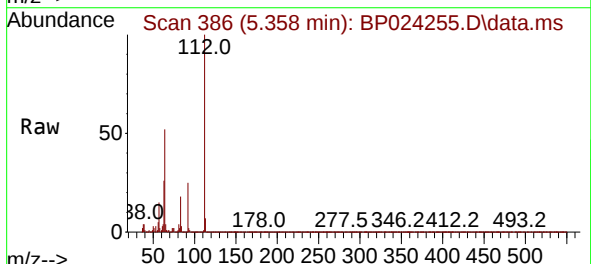
Instrument :
 BNA_P
 ClientSampleId :
 IB-2A-WC

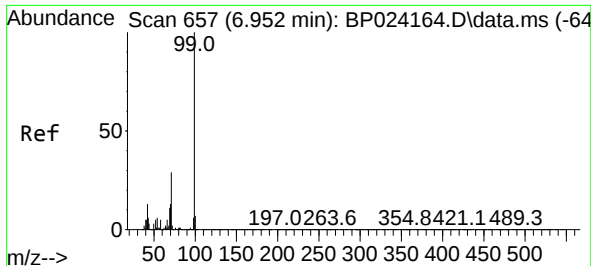
Tgt Ion:152 Resp: 289864
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.5 188.3
 115 58.3 46.3 69.5



#5
 2-Fluorophenol
 Concen: 144.069 ng
 RT: 5.358 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: BP024255.D
 Acq: 10 Apr 2025 17:49

Tgt Ion:112 Resp: 2616100
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.3 61.9
 63 25.9 20.6 31.0

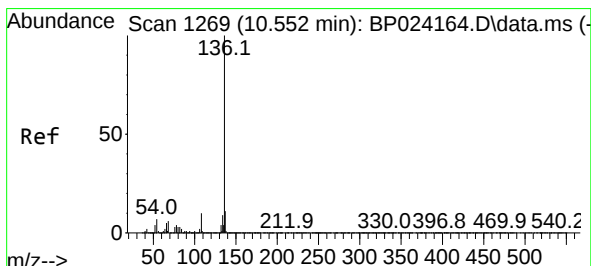
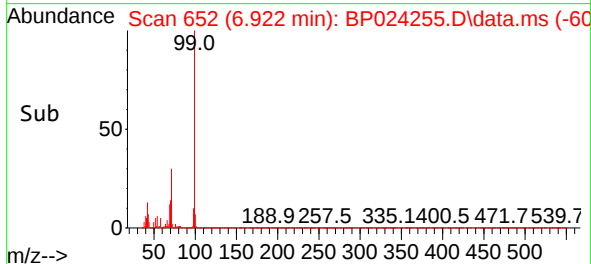
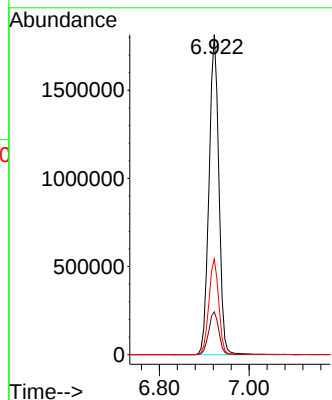
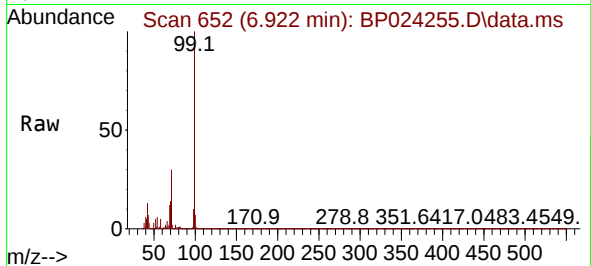




#7
Phenol-d6
Concen: 113.582 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

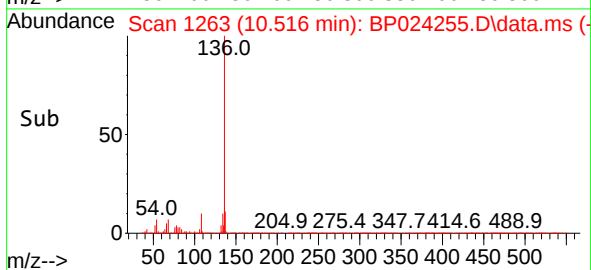
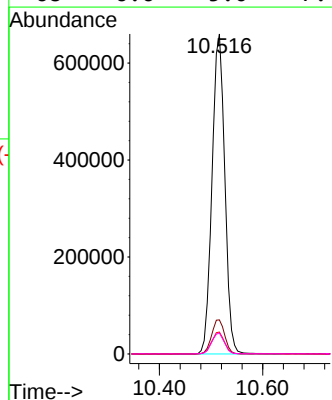
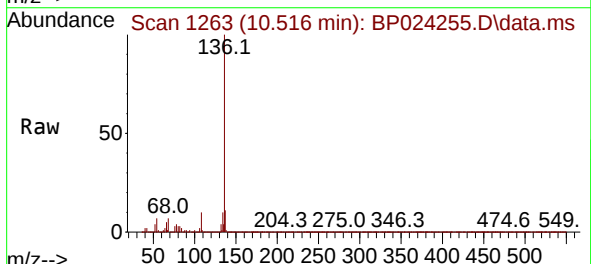
Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

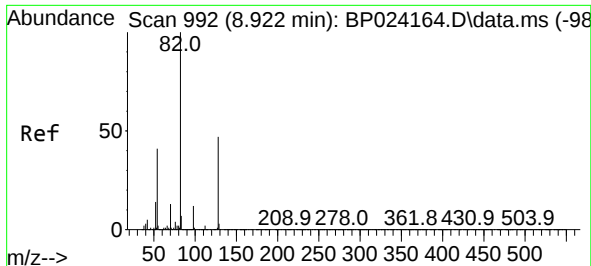
Tgt Ion: 99 Resp: 2758106
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.9 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

Tgt Ion:136 Resp: 1131144
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.9 5.3 7.9
68 6.6 5.0 7.4

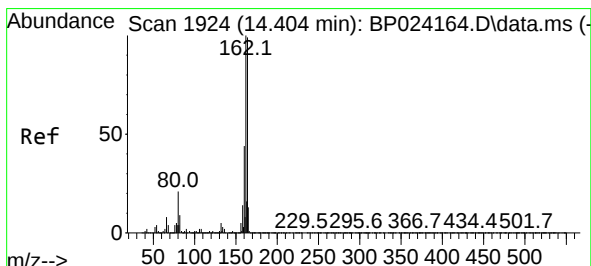
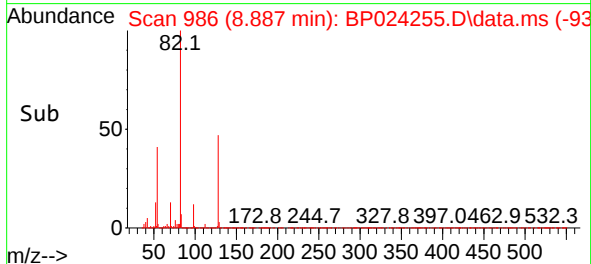
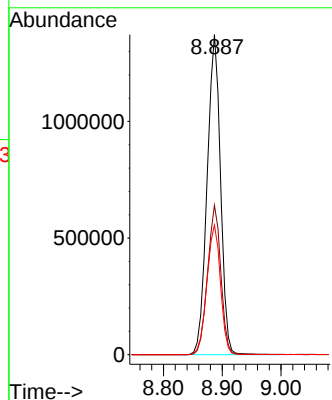
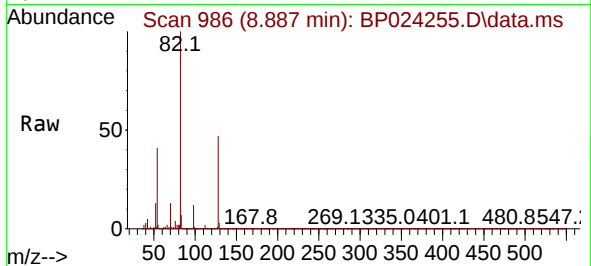




#23
Nitrobenzene-d5
Concen: 107.883 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

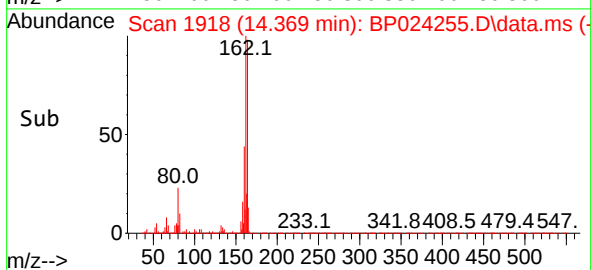
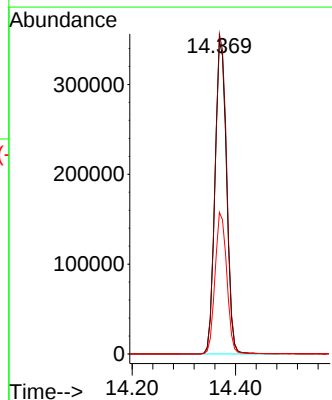
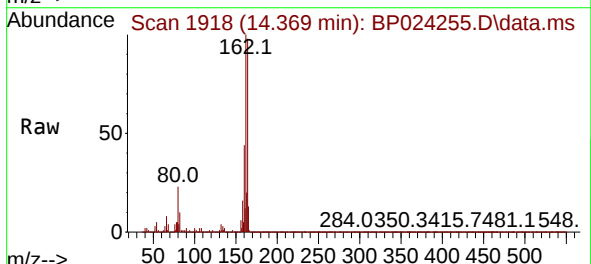
Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

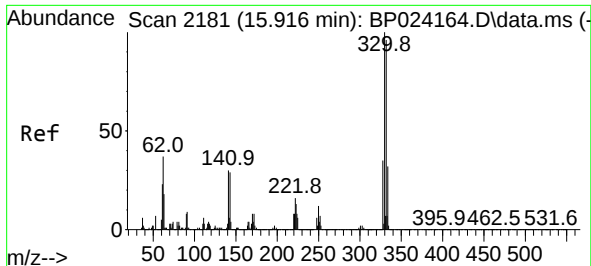
Tgt Ion: 82 Resp: 2162867
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.0
54 40.5 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.023 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

Tgt Ion:164 Resp: 542647
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 45.2 35.4 53.2

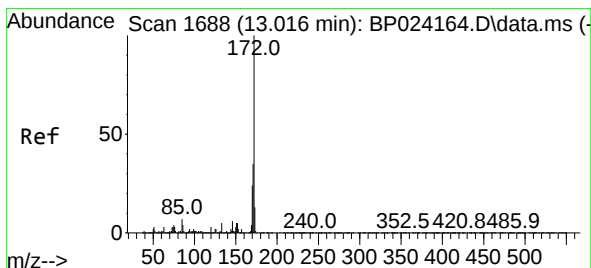
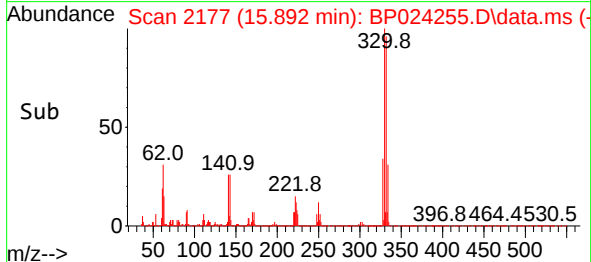
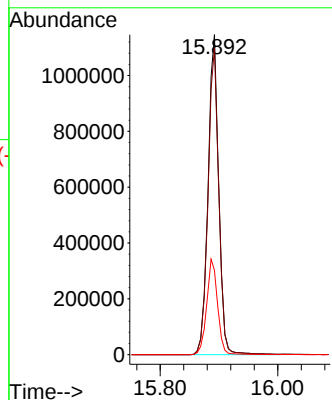
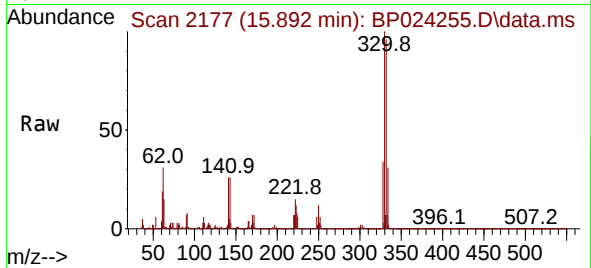




#42
2,4,6-Tribromophenol
Concen: 211.872 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

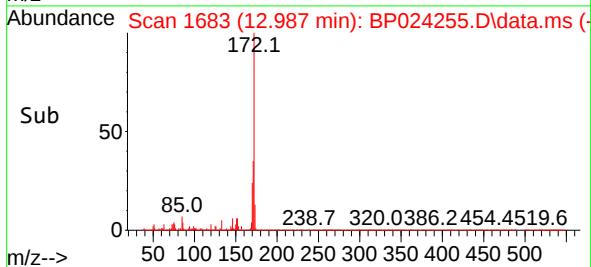
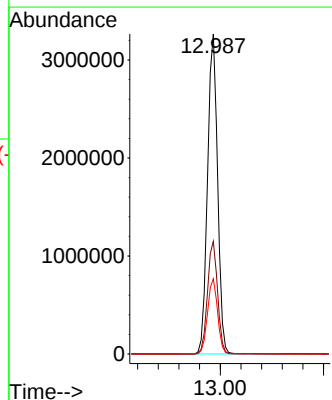
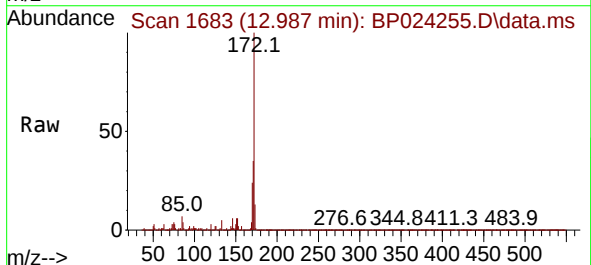
Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

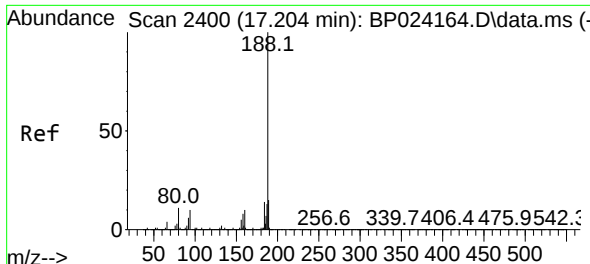
Tgt Ion:330 Resp: 1448212
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 30.5 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 119.799 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

Tgt Ion:172 Resp: 4408773
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.4

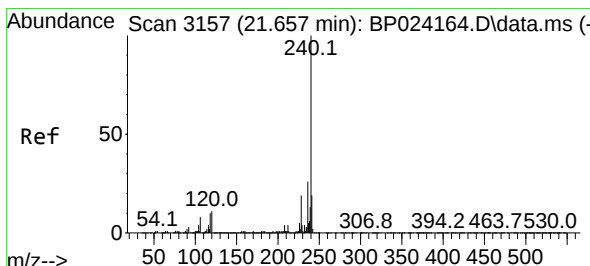
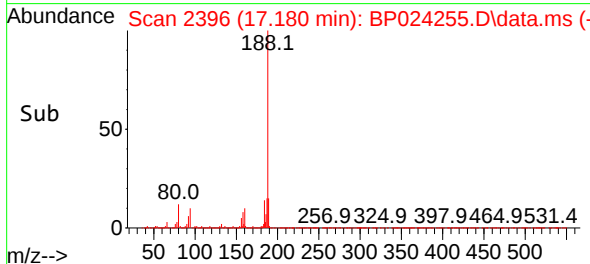
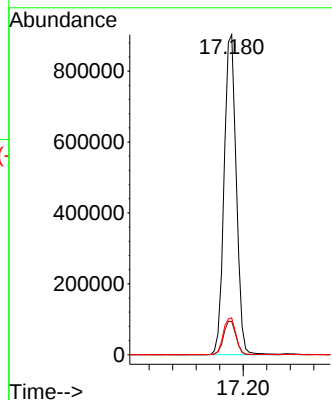
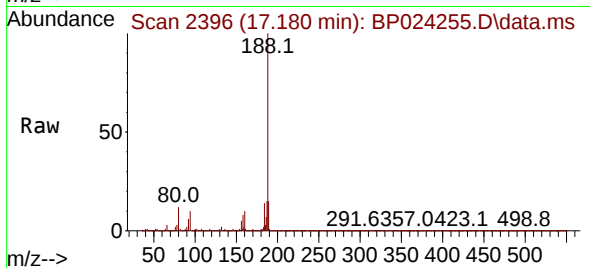




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

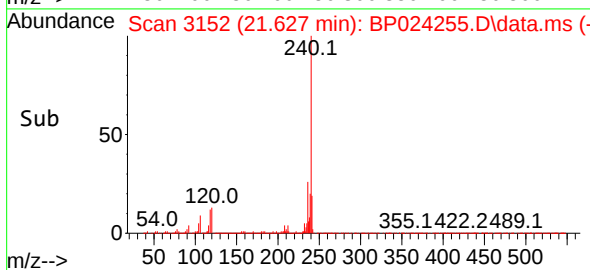
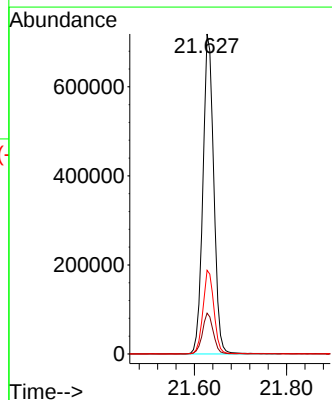
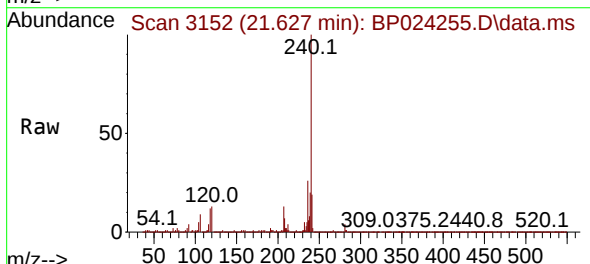
Instrument :
BNA_P
ClientSampleId :
IB-2A-WC

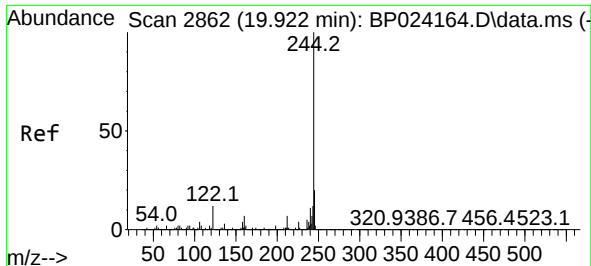
Tgt Ion:188 Resp: 1295492
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. -0.018 min
Lab File: BP024255.D
Acq: 10 Apr 2025 17:49

Tgt Ion:240 Resp: 1183743
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 26.1 20.4 30.6

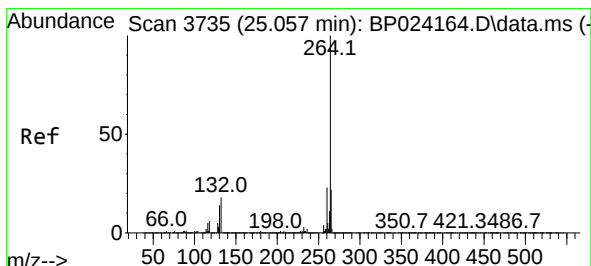
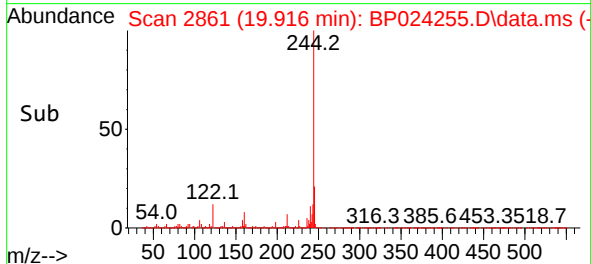
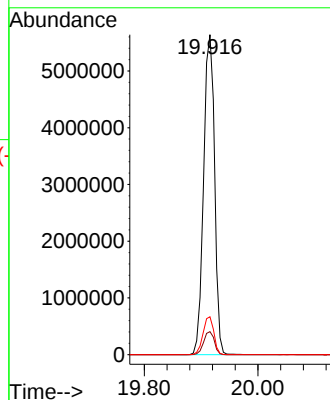
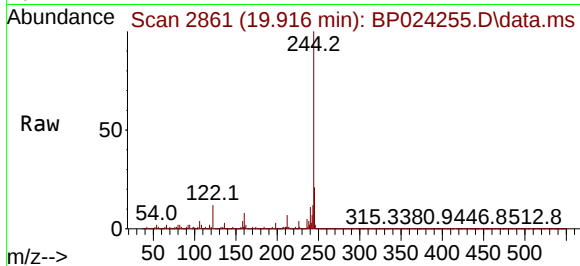




#79
 Terphenyl-d14
 Concen: 131.458 ng
 RT: 19.916 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024255.D
 Acq: 10 Apr 2025 17:49

Instrument :
 BNA_P
 ClientSampleId :
 IB-2A-WC

Tgt Ion:244 Resp: 7538567
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3725
 Delta R.T. -0.012 min
 Lab File: BP024255.D
 Acq: 10 Apr 2025 17:49

Tgt Ion:264 Resp: 89546
 Ion Ratio Lower Upper
 264 100
 260 43.0 18.5 27.7#
 265 30.6 17.7 26.5#

