

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024251.D
 Acq On : 10 Apr 2025 13:56
 Operator : RC/JU
 Sample : Q1743-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16

Quant Time: Apr 10 14:25:17 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	308450	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1248929	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	781141	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1584255	20.000	ng	-0.02
76) Chrysene-d12	21.621	240	1662164	20.000	ng	-0.02
86) Perylene-d12	24.986	264	1801667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2457513	127.181	ng	0.00
7) Phenol-d6	6.922	99	2930228	113.399	ng	0.00
23) Nitrobenzene-d5	8.887	82	2044211	92.348	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1591136	161.710	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4501923	84.981	ng	-0.01
79) Terphenyl-d14	19.904	244	6721149	83.469	ng	-0.01

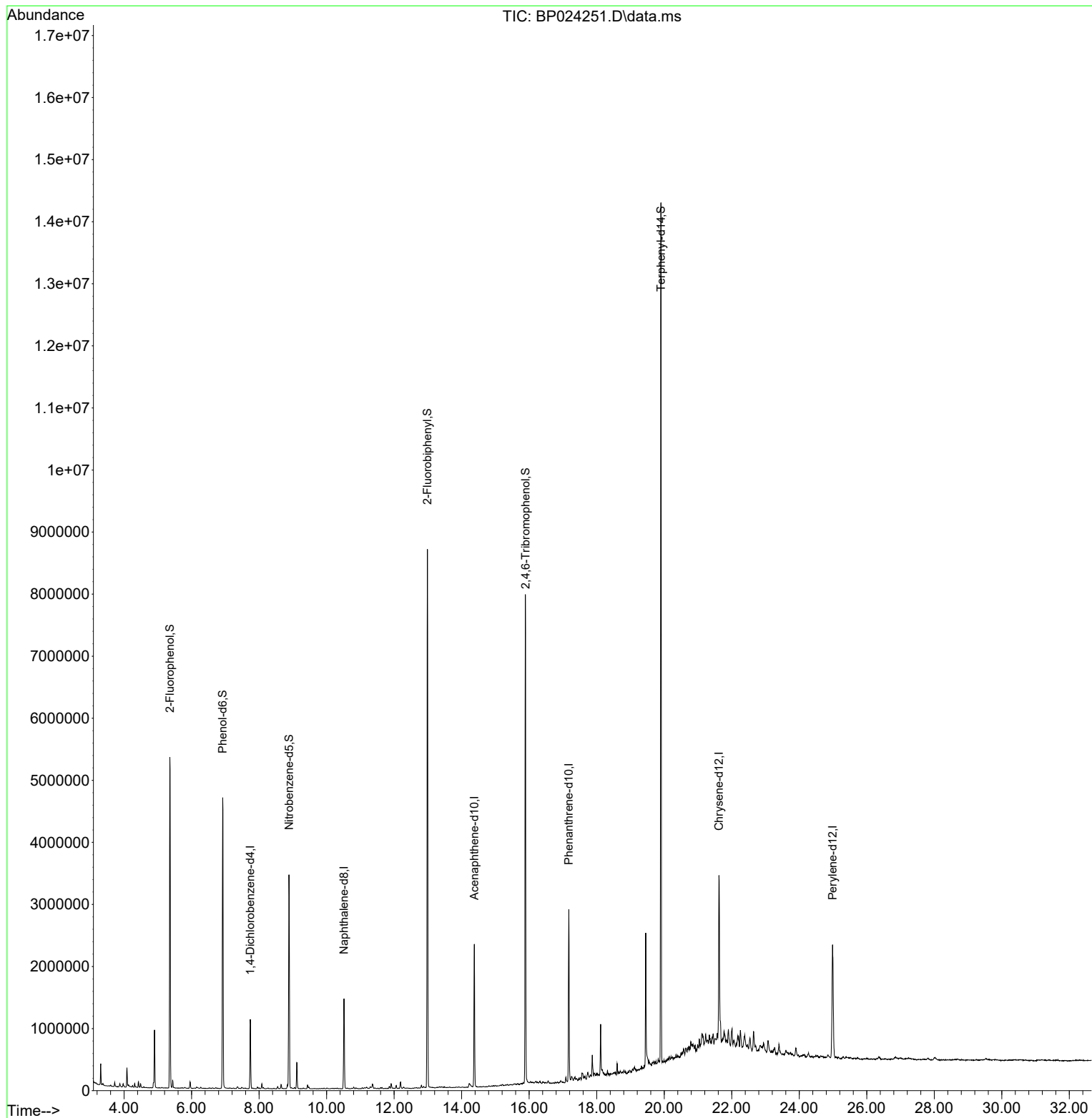
Target Compounds	Qvalue

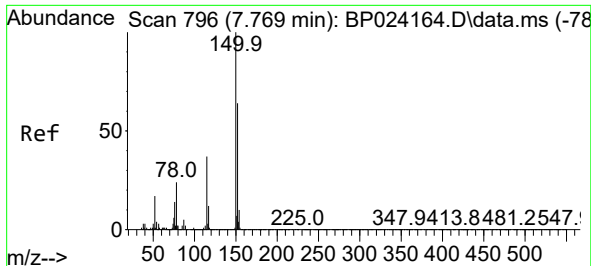
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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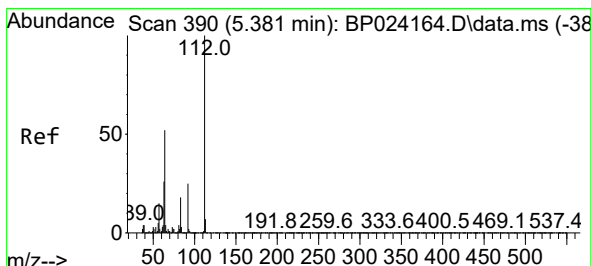
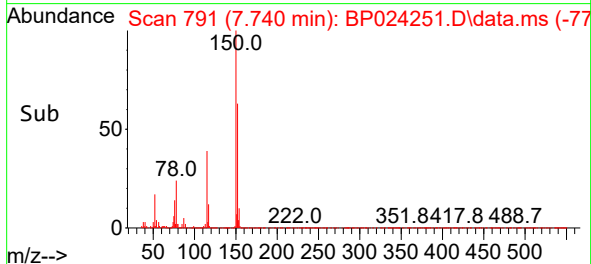
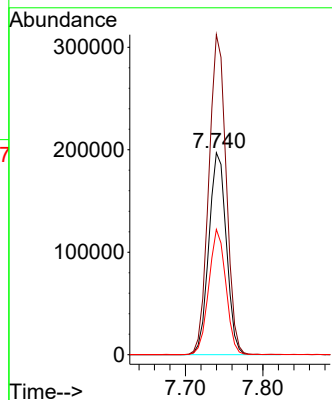
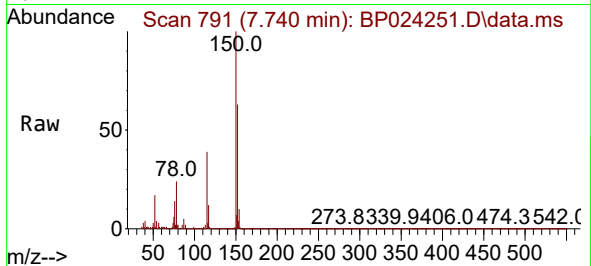




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

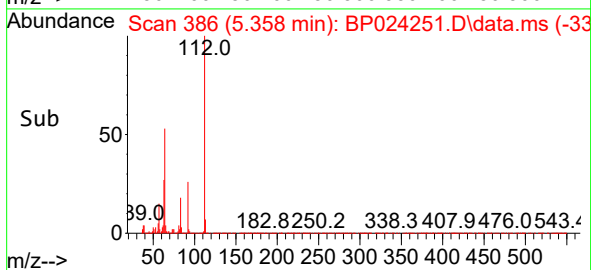
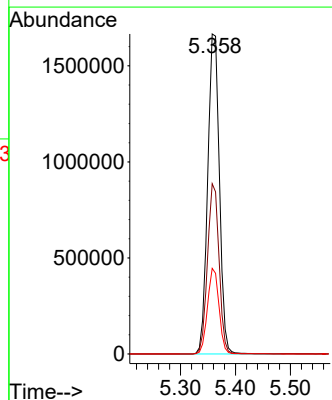
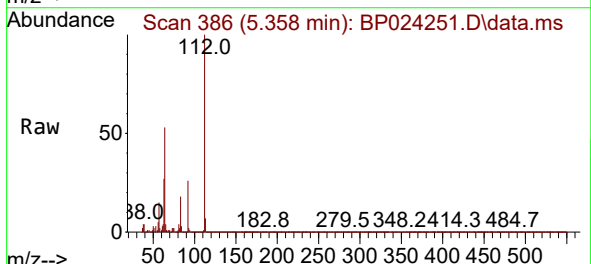
Instrument :
BNA_P
ClientSampleId :
TP-16

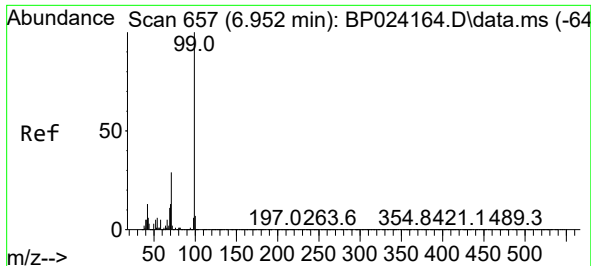
Tgt Ion:152 Resp: 308450
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 62.0 46.3 69.5



#5
2-Fluorophenol
Concen: 127.181 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

Tgt Ion:112 Resp: 2457513
Ion Ratio Lower Upper
112 100
64 53.2 41.3 61.9
63 26.7 20.6 31.0



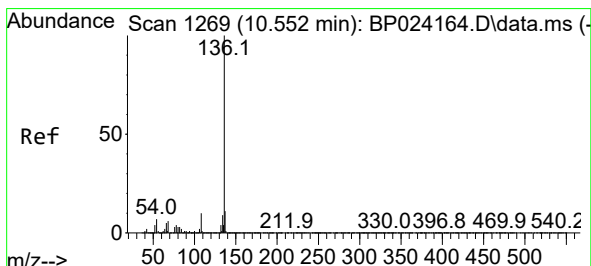
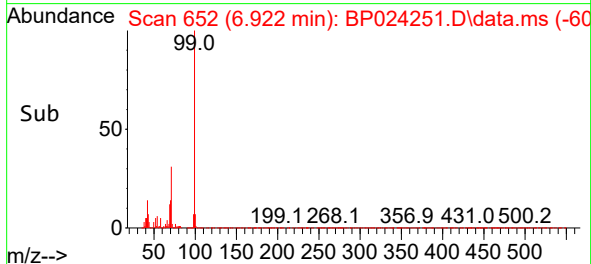
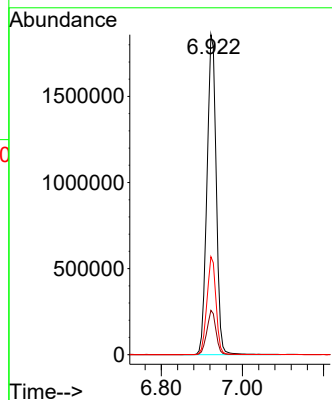
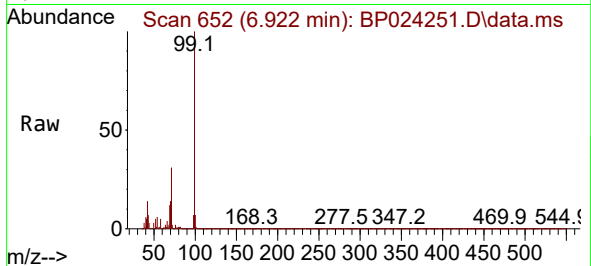


#7
Phenol-d6
Concen: 113.399 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

Instrument :
BNA_P
ClientSampleId :
TP-16

Tgt Ion: 99 Resp: 2930228

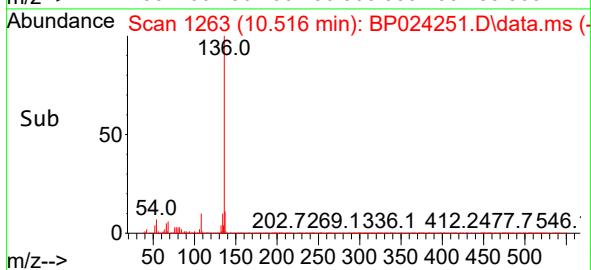
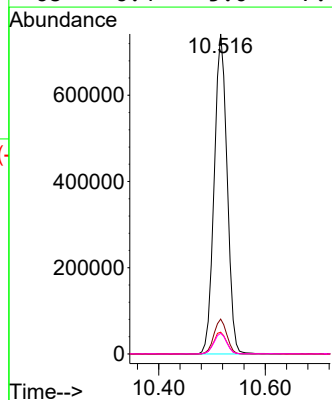
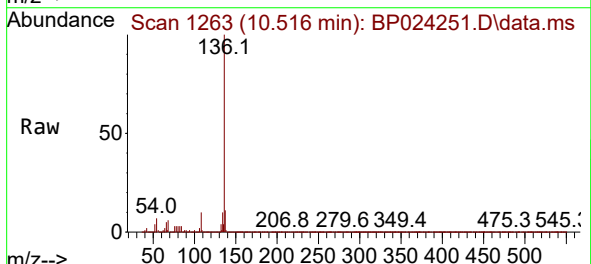
Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	16.0
71	30.6	23.3	34.9

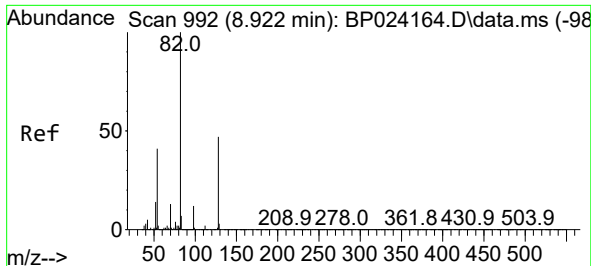


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

Tgt Ion: 136 Resp: 1248929

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.3	7.9
68	6.4	5.0	7.4

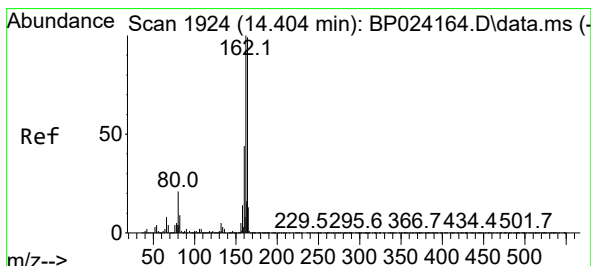
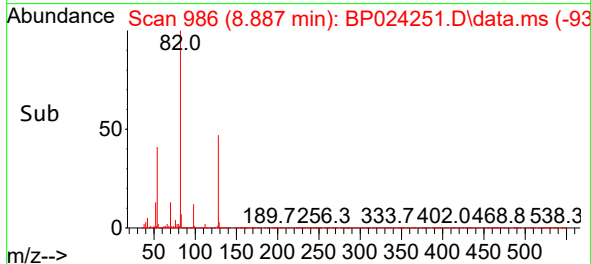
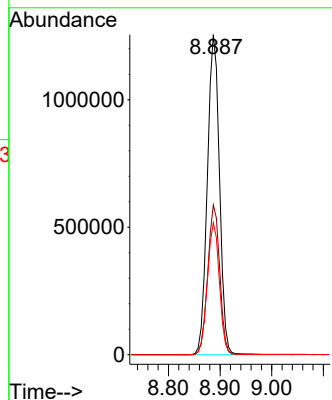
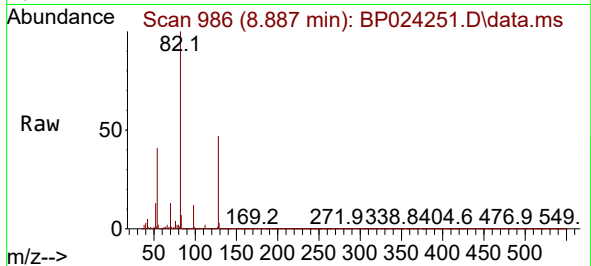




#23
Nitrobenzene-d5
Concen: 92.348 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

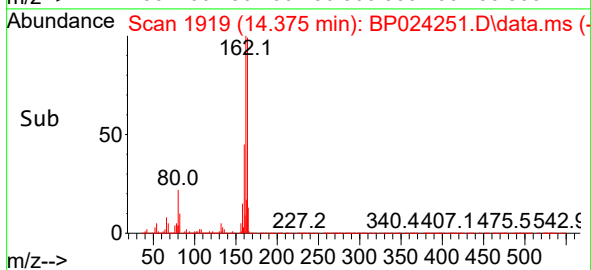
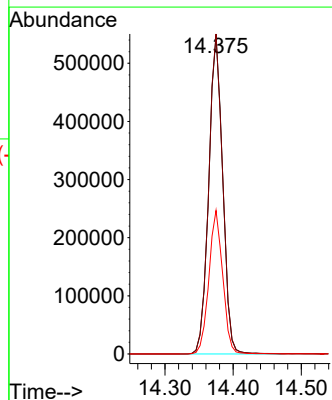
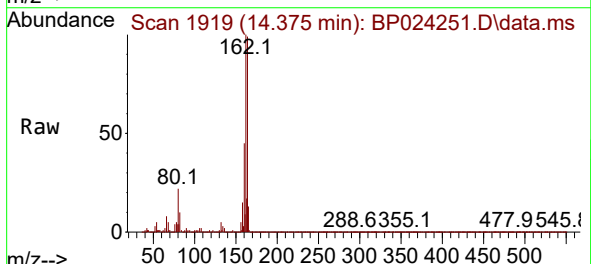
Instrument :
BNA_P
ClientSampleId :
TP-16

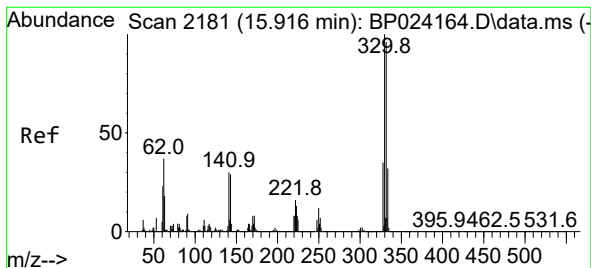
Tgt Ion: 82 Resp: 2044211
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 41.2 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

Tgt Ion:164 Resp: 781141
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.1 35.4 53.2

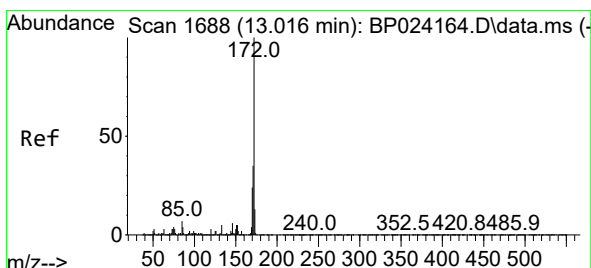
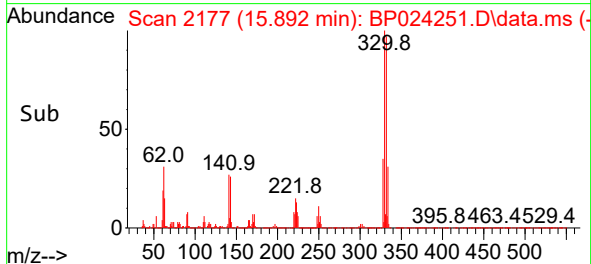
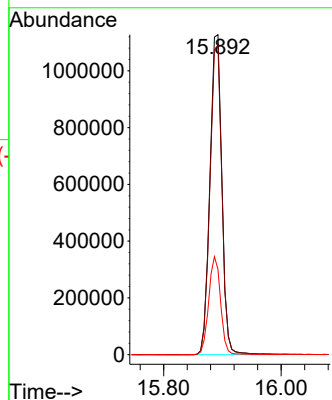
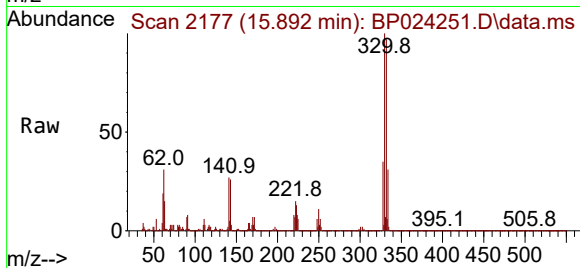




#42
2,4,6-Tribromophenol
Concen: 161.710 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

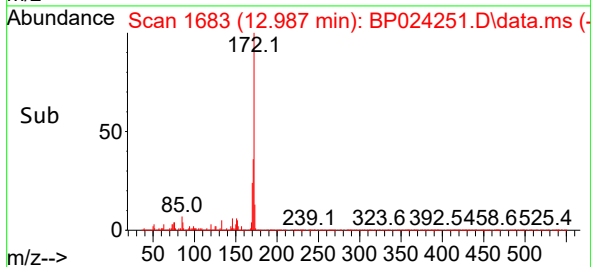
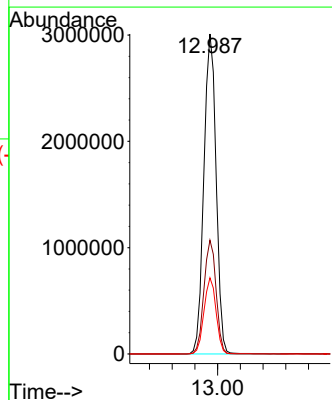
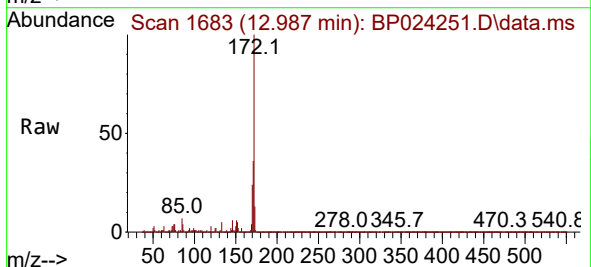
Instrument :
BNA_P
ClientSampleId :
TP-16

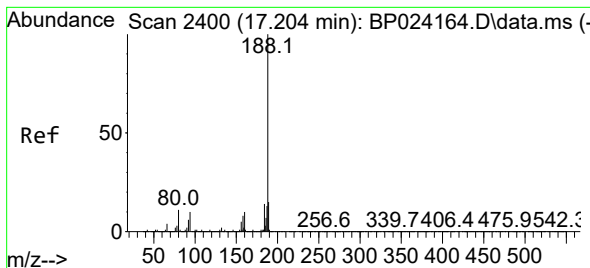
Tgt Ion:330 Resp: 1591136
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 30.3 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 84.981 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BP024251.D
Acq: 10 Apr 2025 13:56

Tgt Ion:172 Resp: 4501923
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.8 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: BP024251.D

Acq: 10 Apr 2025 13:56

Instrument :

BNA_P

ClientSampleId :

TP-16

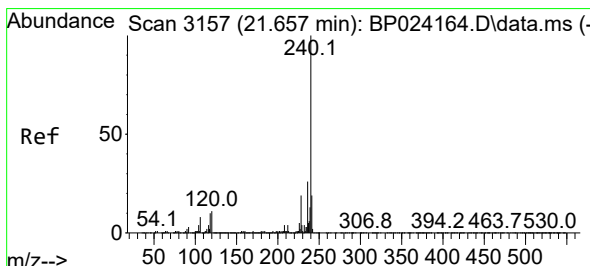
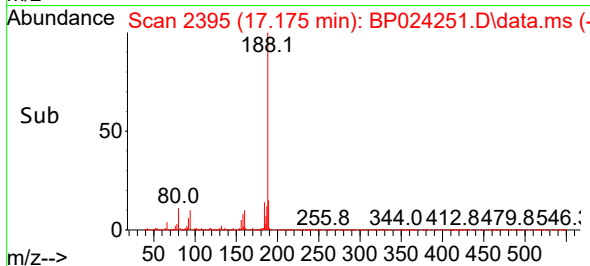
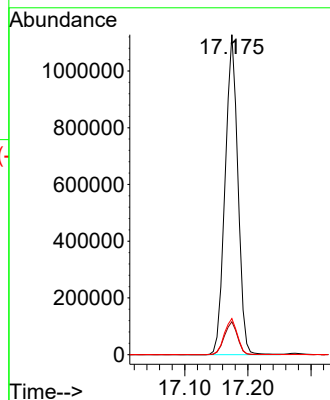
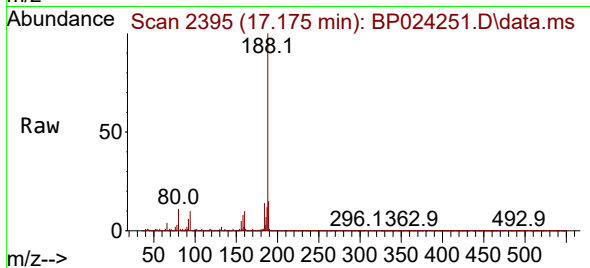
Tgt Ion:188 Resp: 1584255

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.3 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.621 min Scan# 3151

Delta R.T. -0.023 min

Lab File: BP024251.D

Acq: 10 Apr 2025 13:56

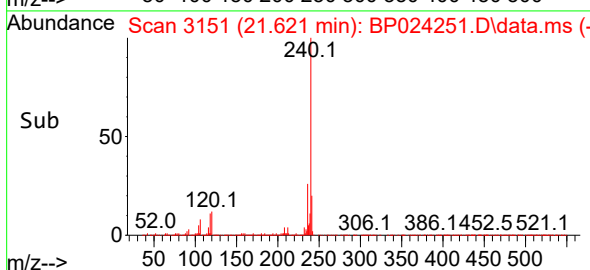
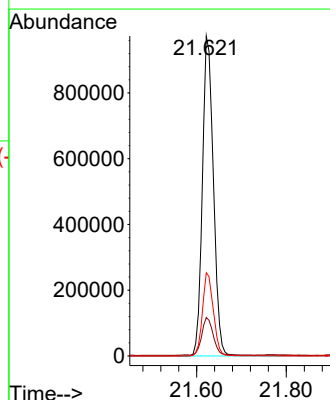
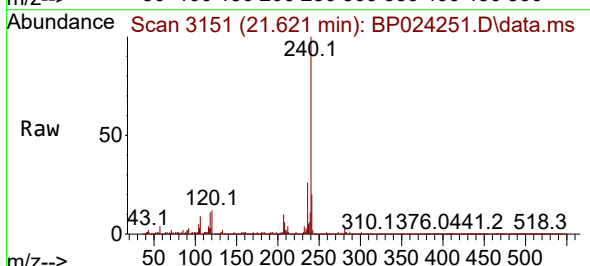
Tgt Ion:240 Resp: 1662164

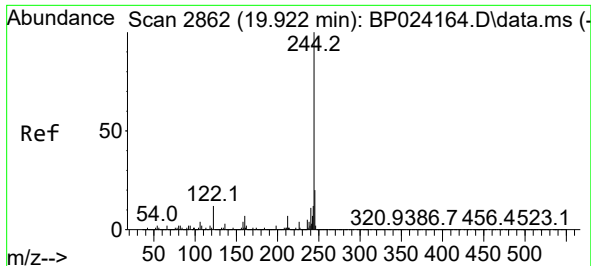
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 26.0 20.4 30.6

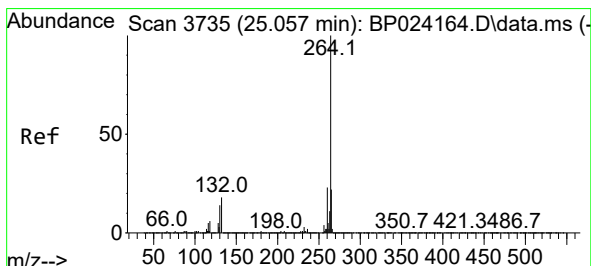
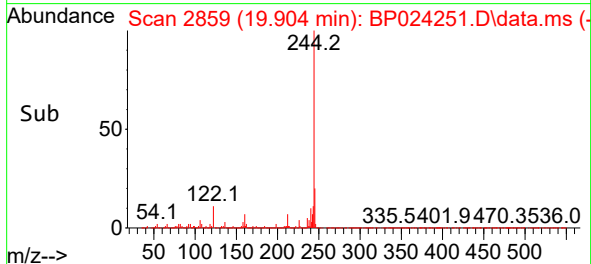
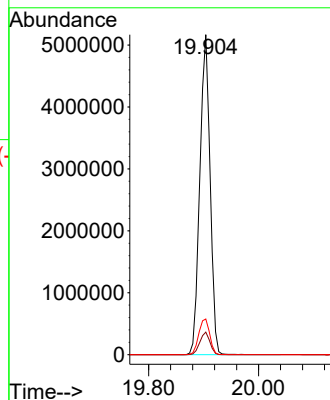
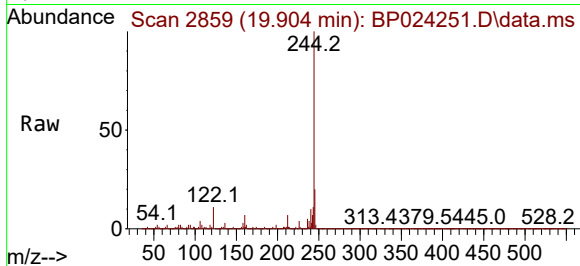




#79
 Terphenyl-d14
 Concen: 83.469 ng
 RT: 19.904 min Scan# 2859
 Delta R.T. -0.012 min
 Lab File: BP024251.D
 Acq: 10 Apr 2025 13:56

Instrument :
 BNA_P
 ClientSampleId :
 TP-16

Tgt Ion:244 Resp: 6721149
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.986 min Scan# 3723
 Delta R.T. -0.023 min
 Lab File: BP024251.D
 Acq: 10 Apr 2025 13:56

Tgt Ion:264 Resp: 1801667
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 22.1 17.7 26.5

