

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024238.D
 Acq On : 09 Apr 2025 17:01
 Operator : RC/JU
 Sample : Q1732-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TT-8

Quant Time: Apr 09 18:24:42 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	228947	20.000	ng	-0.03
21) Naphthalene-d8	10.510	136	874199	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	508894	20.000	ng	-0.03
64) Phenanthrene-d10	17.174	188	1004556	20.000	ng	-0.03
76) Chrysene-d12	21.627	240	1063525	20.000	ng	#-0.03
86) Perylene-d12	25.003	264	1203227	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1948859	135.880	ng	-0.02
7) Phenol-d6	6.922	99	2263328	118.007	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1541583	99.494	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	977373	152.472	ng	-0.02
45) 2-Fluorobiphenyl	12.986	172	3295817	95.497	ng	-0.03
79) Terphenyl-d14	19.904	244	5305029	102.967	ng	-0.02

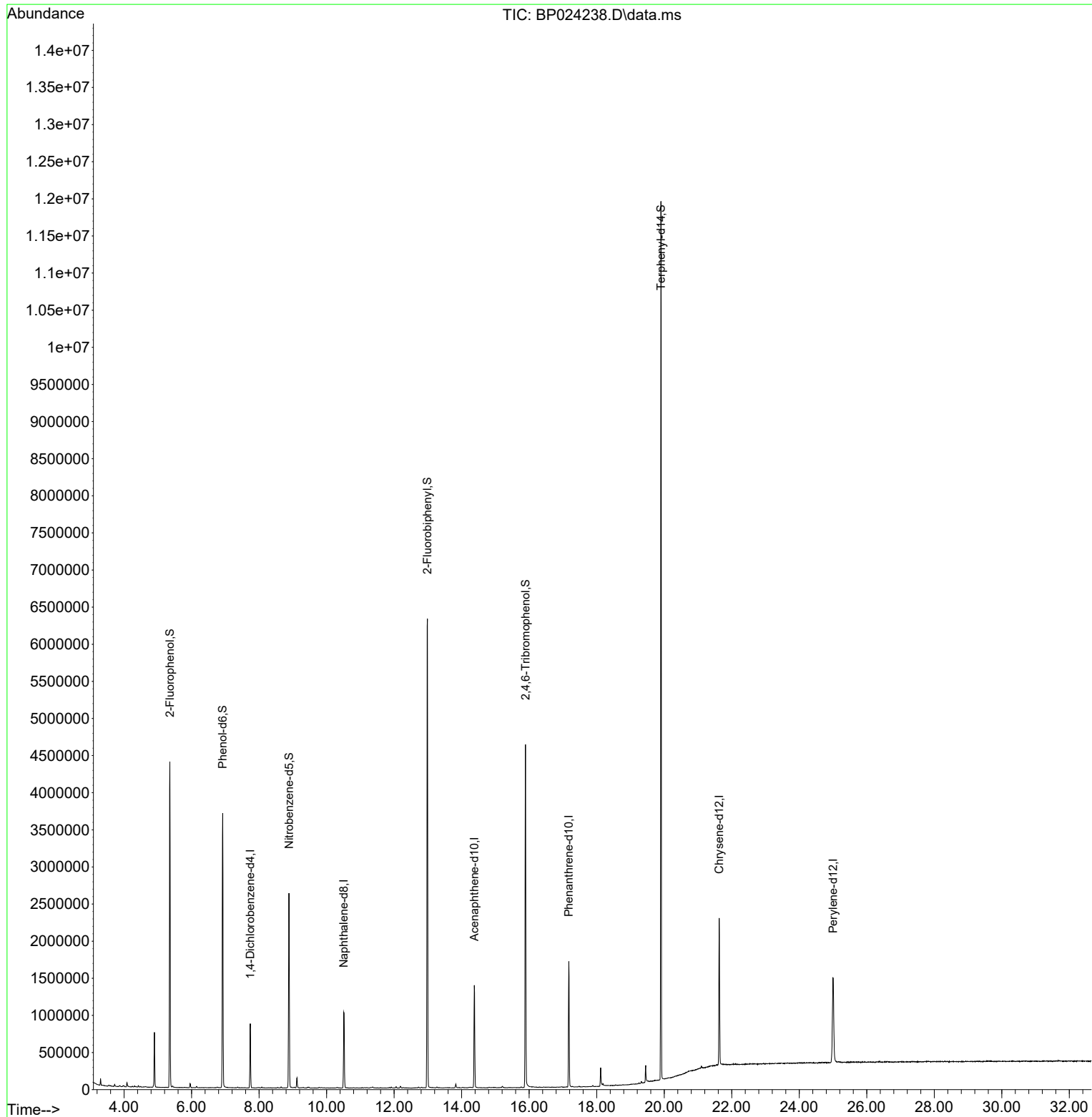
Target Compounds	Qvalue

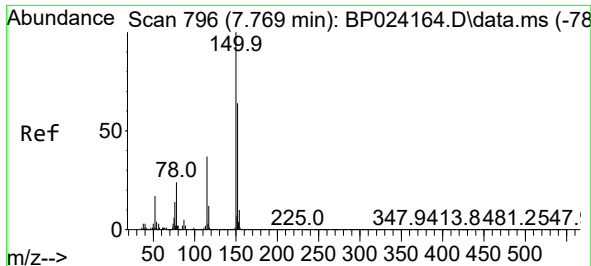
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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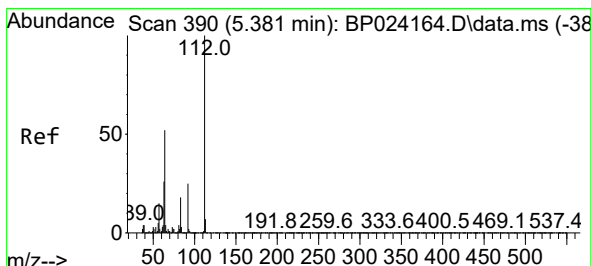
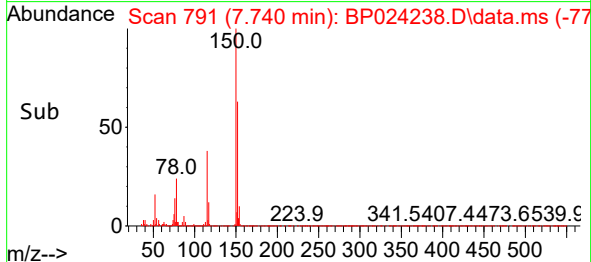
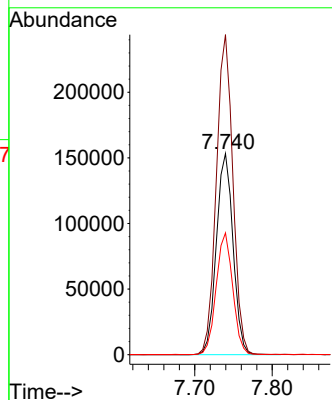
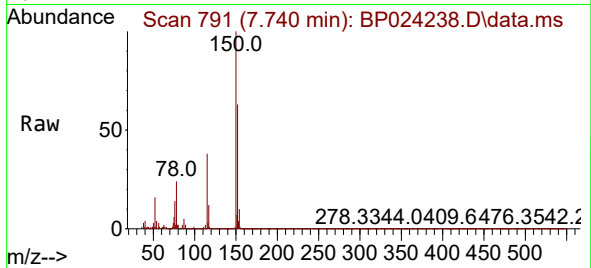




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

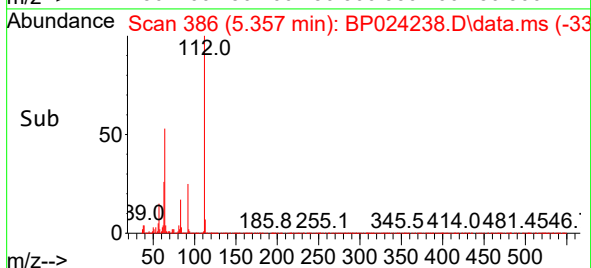
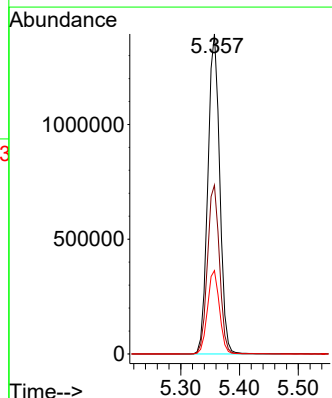
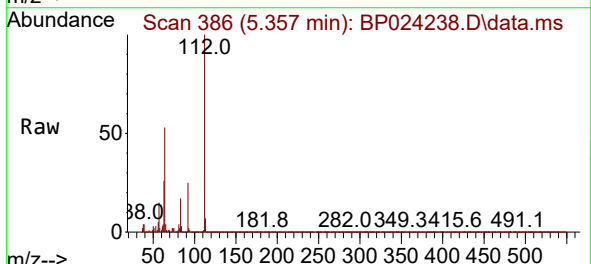
Instrument :
BNA_P
ClientSampleId :
TT-8

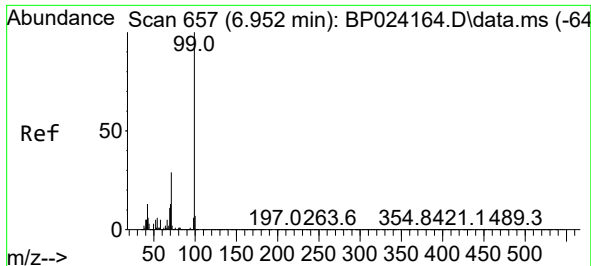
Tgt Ion:152 Resp: 228947
Ion Ratio Lower Upper
152 100
150 159.1 125.5 188.3
115 60.5 46.3 69.5



#5
2-Fluorophenol
Concen: 135.880 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

Tgt Ion:112 Resp: 1948859
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 26.0 20.6 31.0

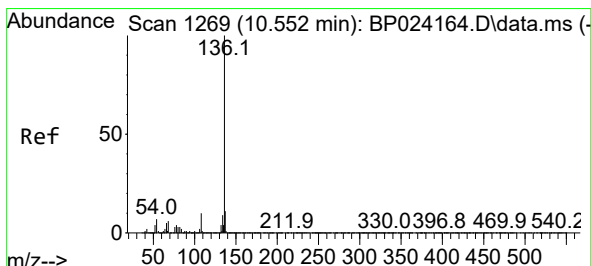
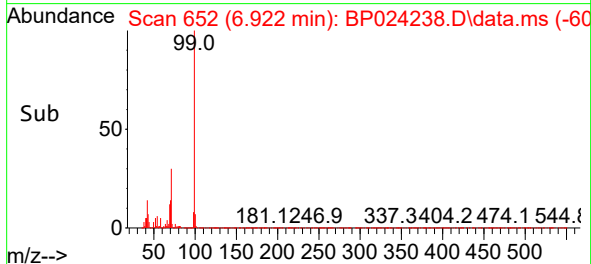
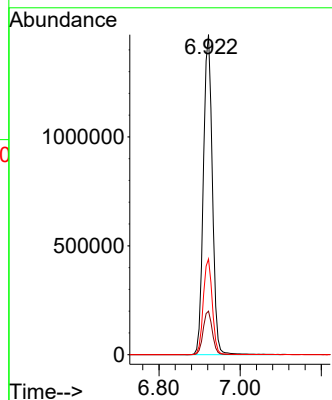
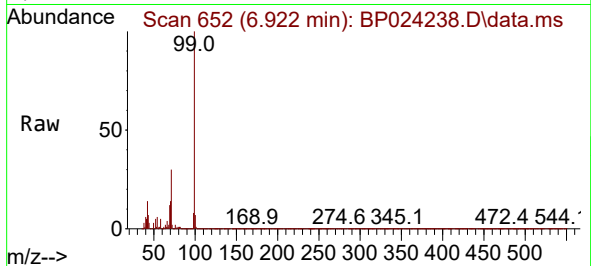




#7
Phenol-d6
Concen: 118.007 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

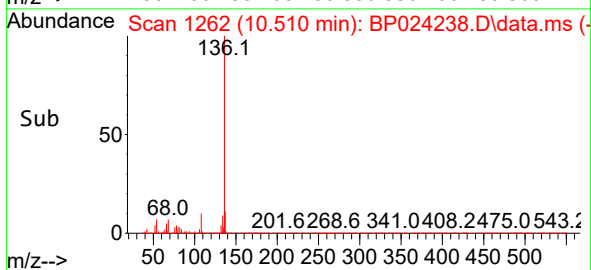
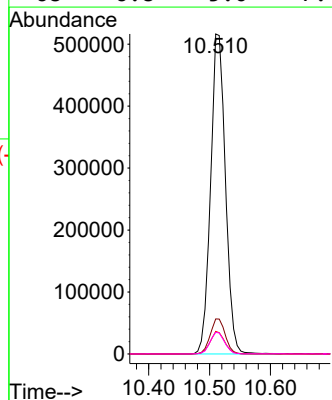
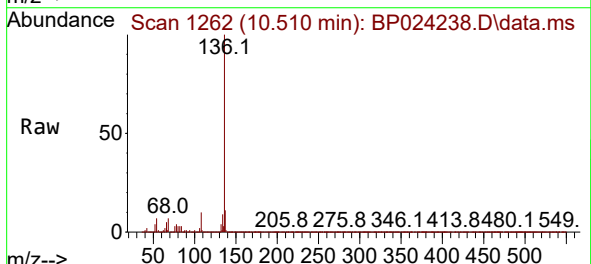
Instrument :
BNA_P
ClientSampleId :
TT-8

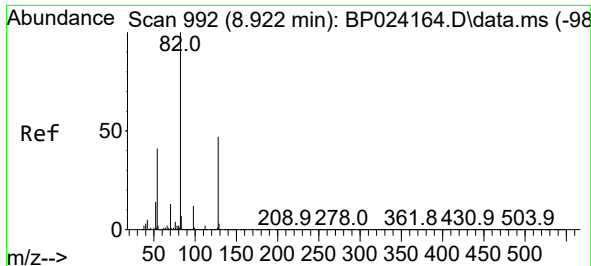
Tgt Ion: 99 Resp: 2263328
Ion Ratio Lower Upper
99 100
42 13.6 10.6 16.0
71 29.9 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1262
Delta R.T. -0.042 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

Tgt Ion:136 Resp: 874199
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.1 5.3 7.9
68 6.8 5.0 7.4

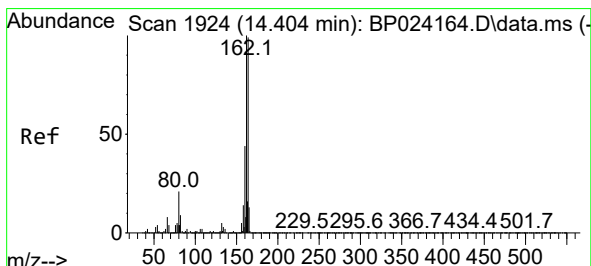
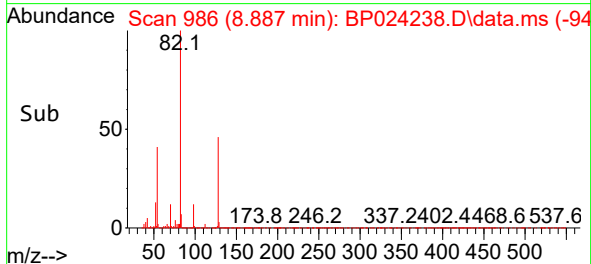
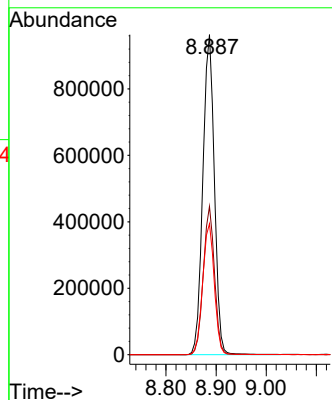
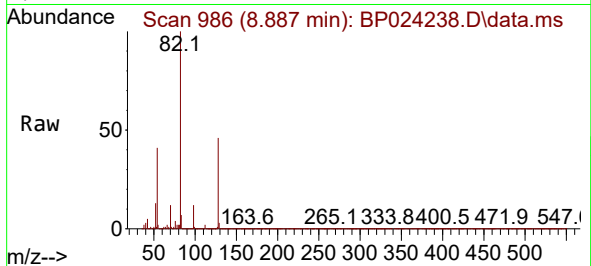




#23
Nitrobenzene-d5
Concen: 99.494 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.036 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

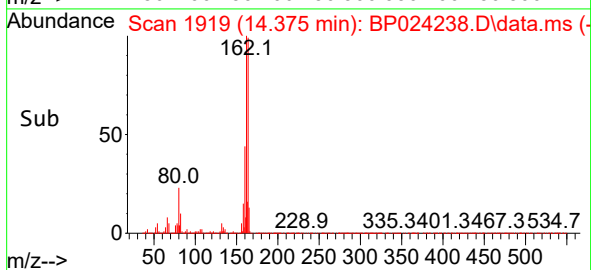
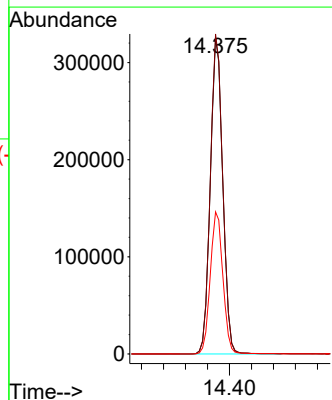
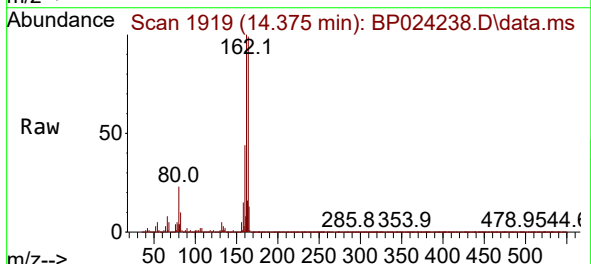
Instrument :
BNA_P
ClientSampleId :
TT-8

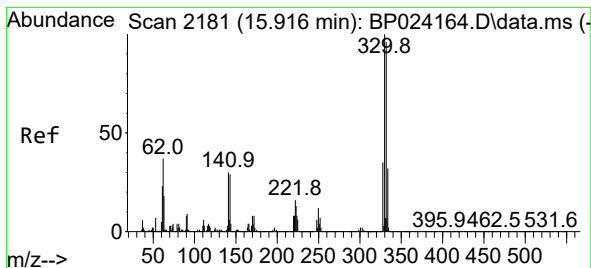
Tgt Ion: 82 Resp: 1541583
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.0
54 40.9 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.030 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

Tgt Ion: 164 Resp: 508894
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 45.0 35.4 53.2

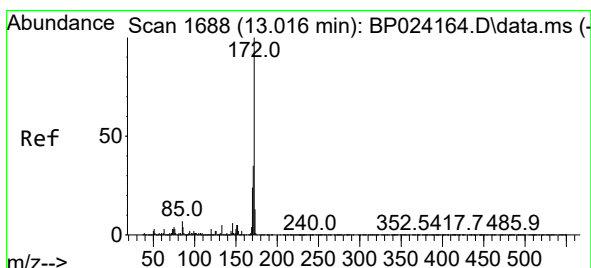
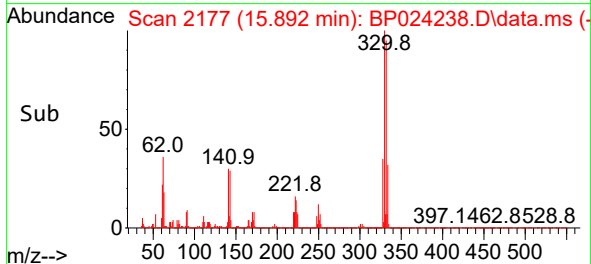
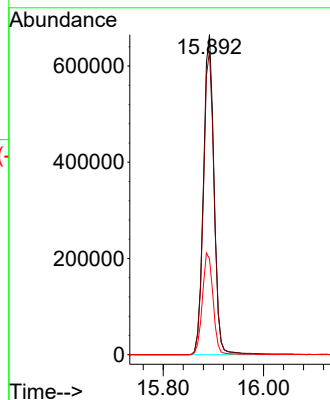
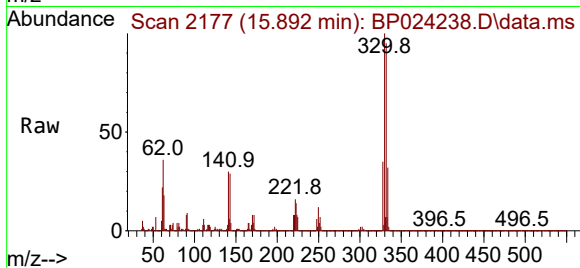




#42
2,4,6-Tribromophenol
Concen: 152.472 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.024 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

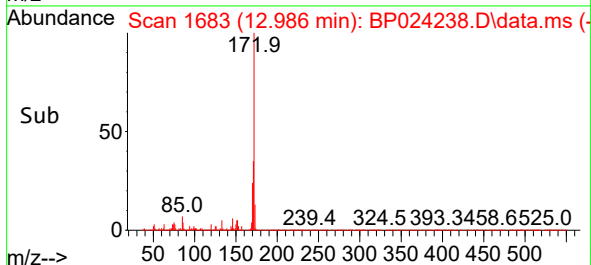
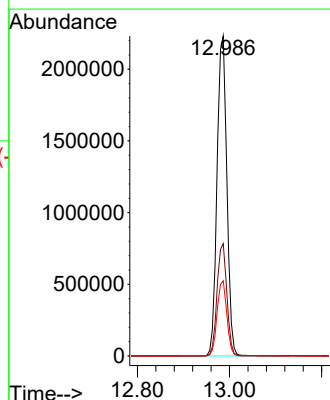
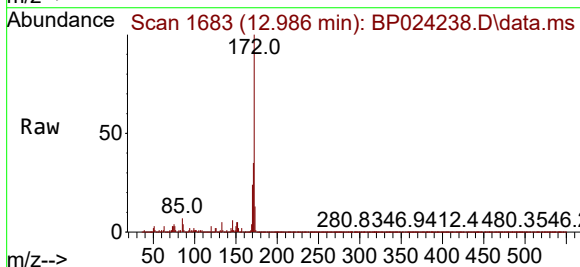
Instrument :
BNA_P
ClientSampleId :
TT-8

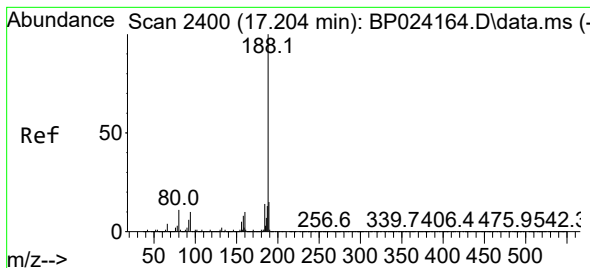
Tgt Ion: 330 Resp: 977373
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 32.2 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 95.497 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.030 min
Lab File: BP024238.D
Acq: 09 Apr 2025 17:01

Tgt Ion: 172 Resp: 3295817
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP024238.D

Acq: 09 Apr 2025 17:01

Instrument :

BNA_P

ClientSampleId :

TT-8

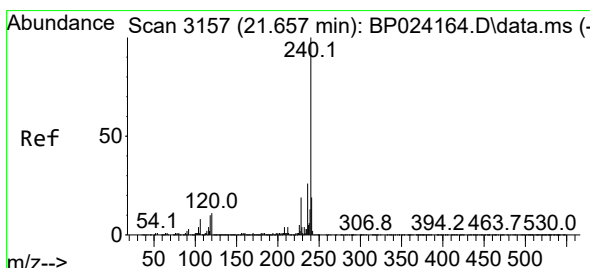
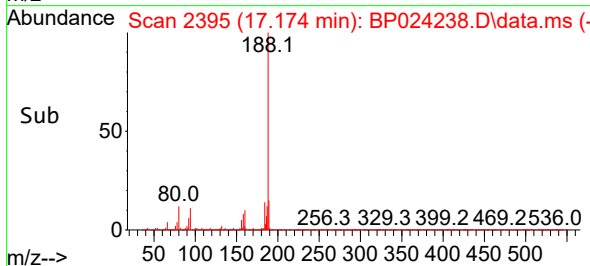
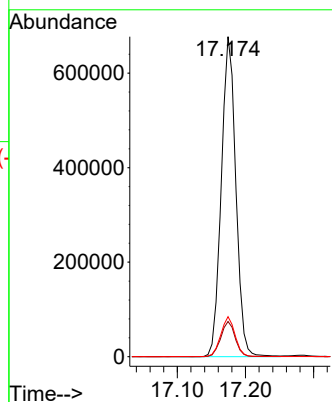
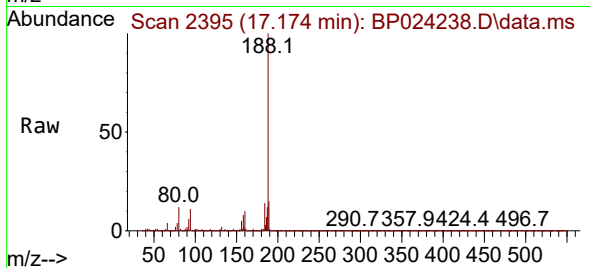
Tgt Ion:188 Resp: 1004556

Ion Ratio Lower Upper

188 100

94 11.0 8.1 12.1

80 12.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3152

Delta R.T. -0.030 min

Lab File: BP024238.D

Acq: 09 Apr 2025 17:01

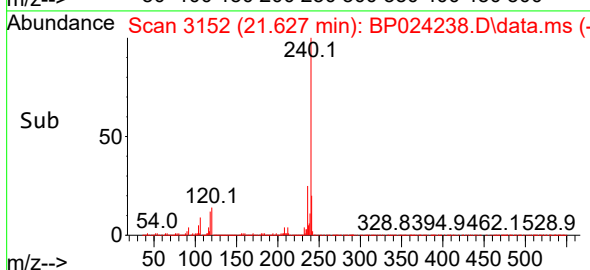
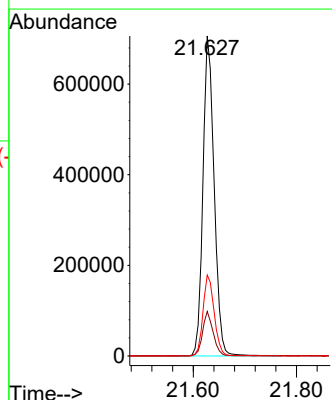
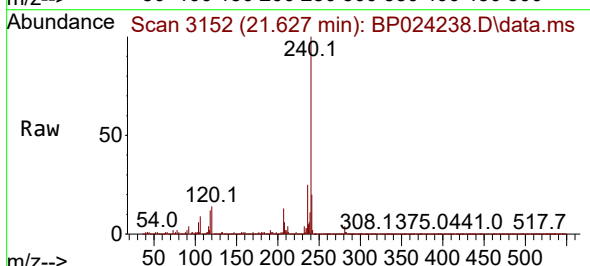
Tgt Ion:240 Resp: 1063525

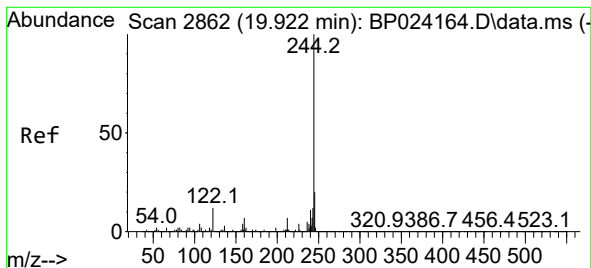
Ion Ratio Lower Upper

240 100

120 13.9 9.2 13.8#

236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 102.967 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024238.D

Acq: 09 Apr 2025 17:01

Instrument :

BNA_P

ClientSampleId :

TT-8

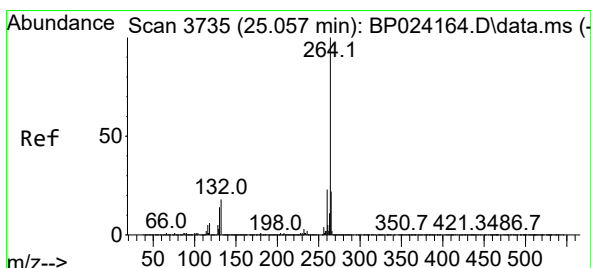
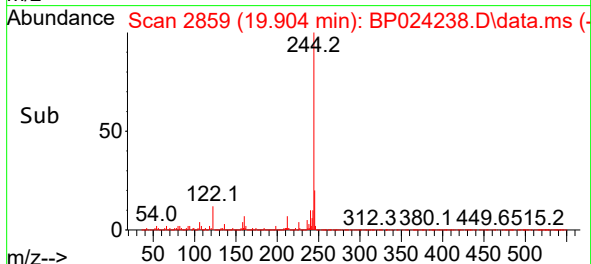
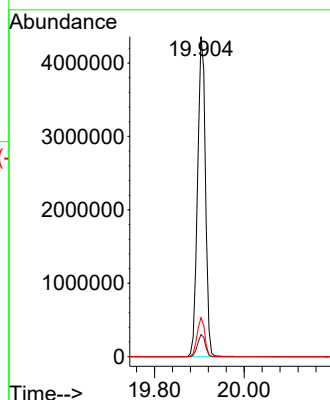
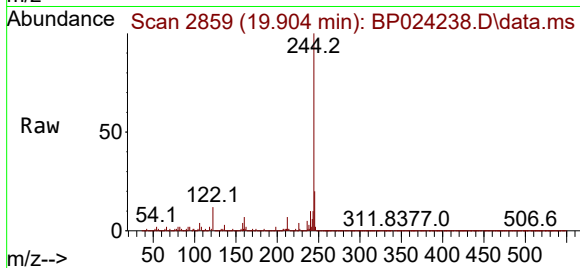
Tgt Ion:244 Resp: 5305029

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.003 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP024238.D

Acq: 09 Apr 2025 17:01

Tgt Ion:264 Resp: 1203227

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.9 17.7 26.5

