

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024467.D
 Acq On : 29 Apr 2025 20:05
 Operator : RC/JU
 Sample : Q1891-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-C

Quant Time: Apr 30 01:19:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

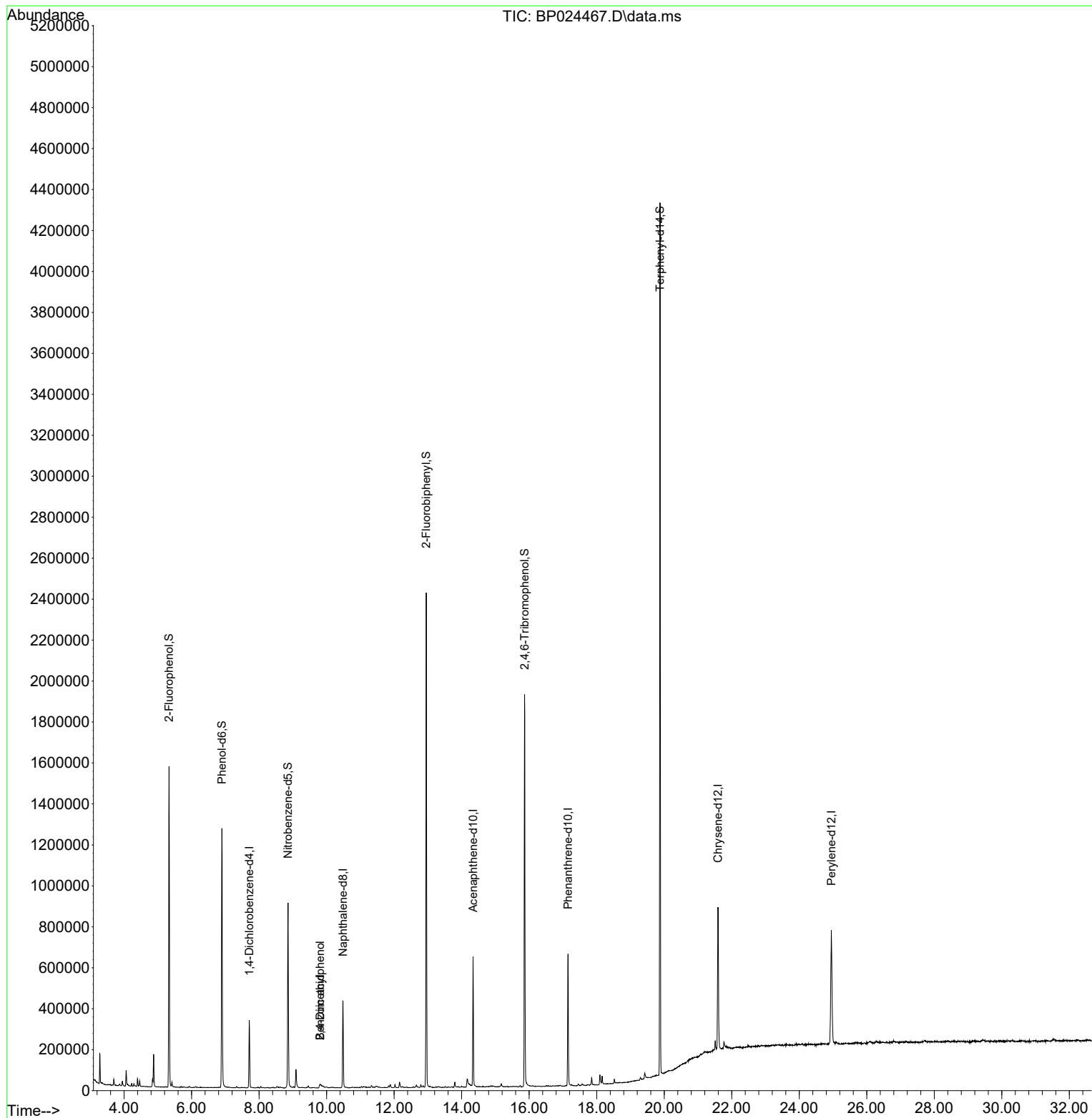
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	88998	20.000	ng	-0.01
21) Naphthalene-d8	10.486	136	335204	20.000	ng	-0.01
39) Acenaphthene-d10	14.339	164	197911	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	389138	20.000	ng	0.00
76) Chrysene-d12	21.592	240	488732	20.000	ng	0.00
86) Perylene-d12	24.950	264	554987	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	671937	124.836	ng	-0.01
7) Phenol-d6	6.898	99	763994	103.660	ng	-0.01
23) Nitrobenzene-d5	8.857	82	512562	87.191	ng	-0.01
42) 2,4,6-Tribromophenol	15.868	330	402979	147.169	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1118824	86.556	ng	-0.01
79) Terphenyl-d14	19.874	244	1968320	81.178	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.804	122	16399	4.589	ng	# 3
32) Benzoic acid	9.804	122	16399	3.938	ng	94

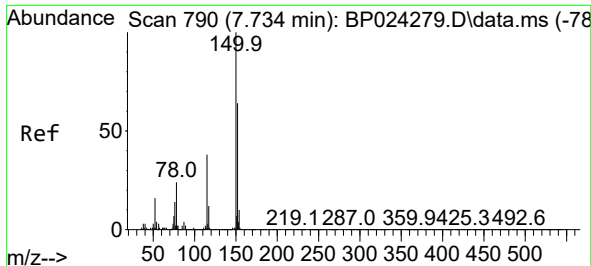
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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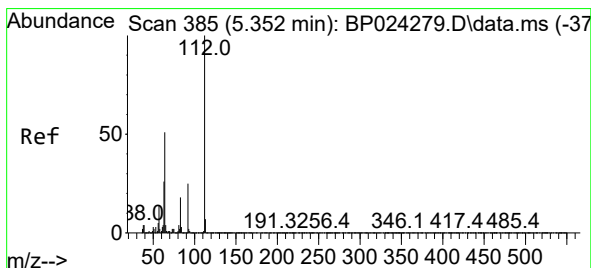
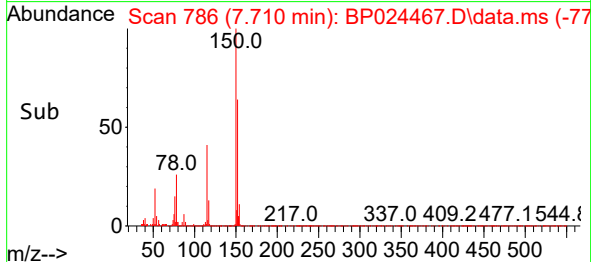
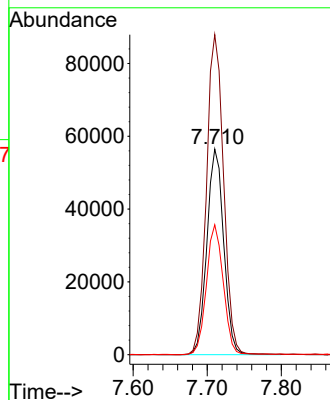
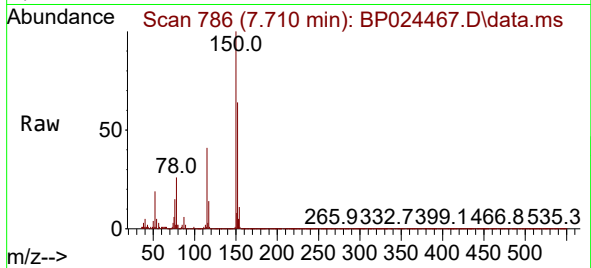




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

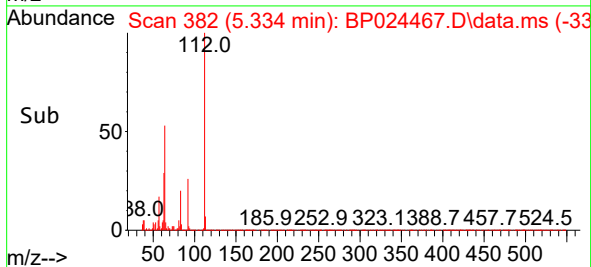
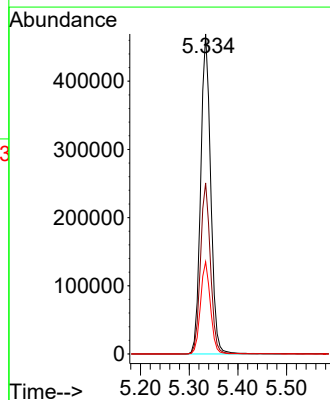
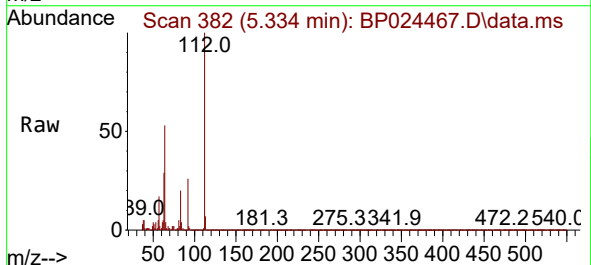
Instrument :
BNA_P
ClientSampleId :
MH-C

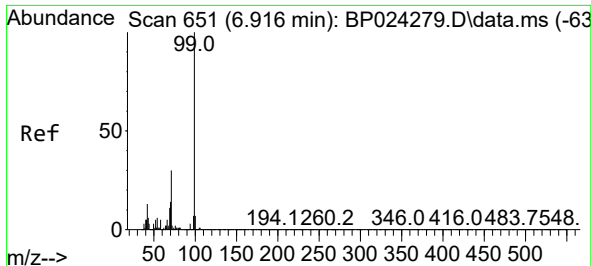
Tgt Ion:152 Resp: 88998
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 63.2 47.7 71.5



#5
2-Fluorophenol
Concen: 124.836 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

Tgt Ion:112 Resp: 671937
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 28.8 20.6 30.8

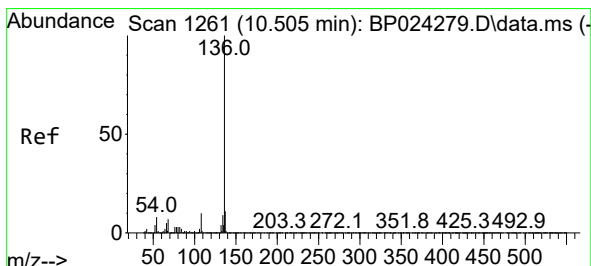
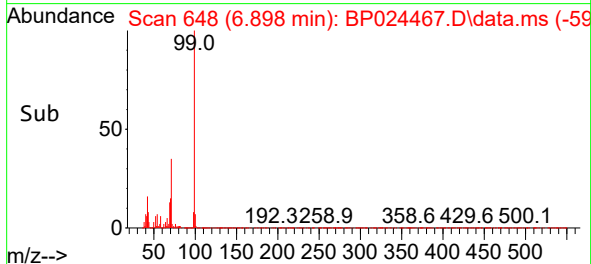
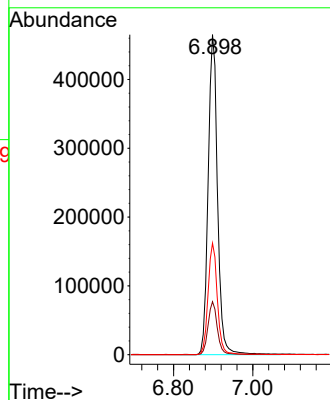
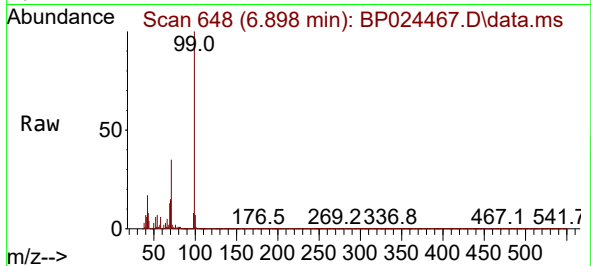




#7
Phenol-d6
Concen: 103.660 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

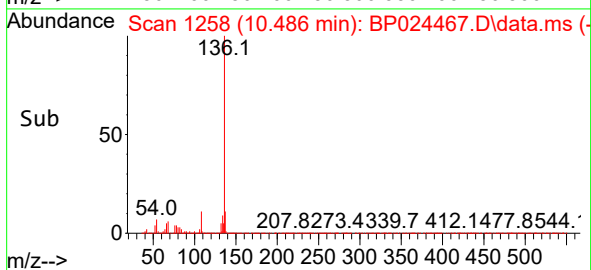
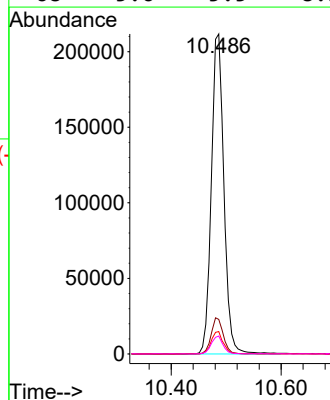
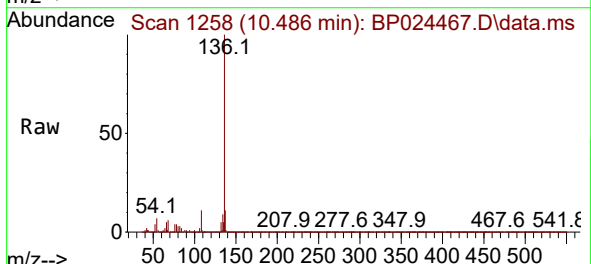
Instrument :
BNA_P
ClientSampleId :
MH-C

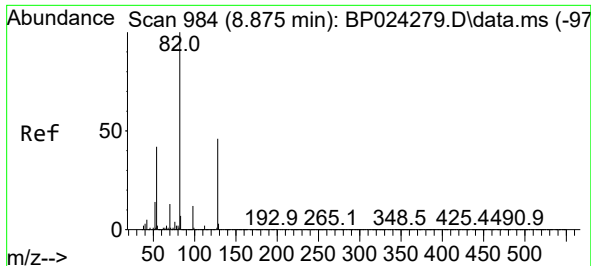
Tgt Ion: 99 Resp: 763994
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.486 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

Tgt Ion:136 Resp: 335204
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.0 6.0 9.0
68 5.6 5.5 8.3

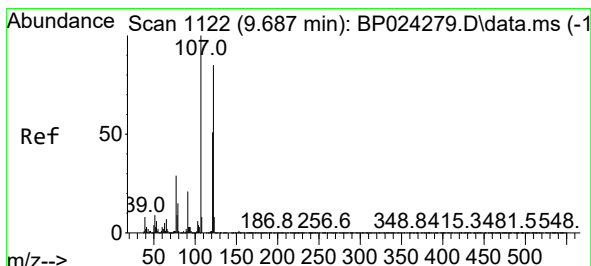
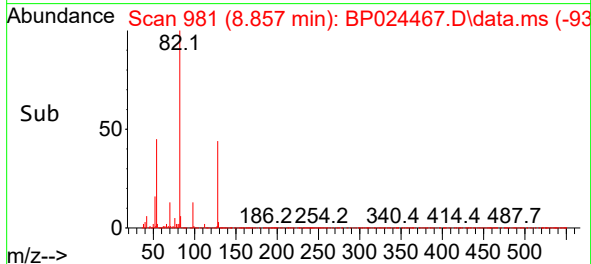
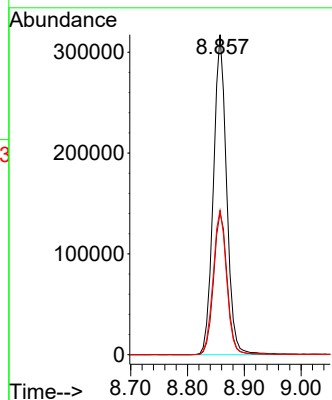
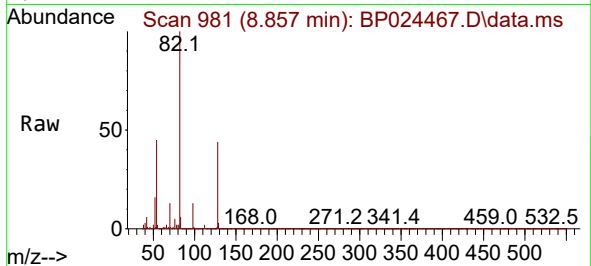




#23
Nitrobenzene-d5
Concen: 87.191 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

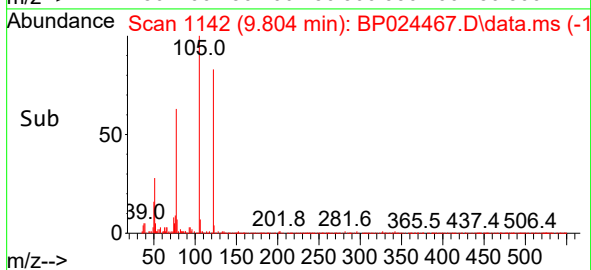
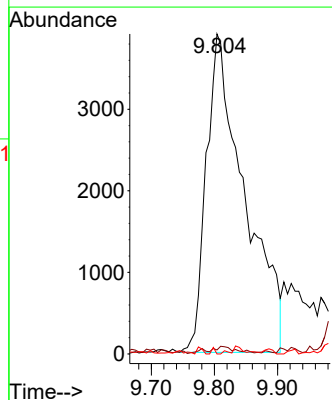
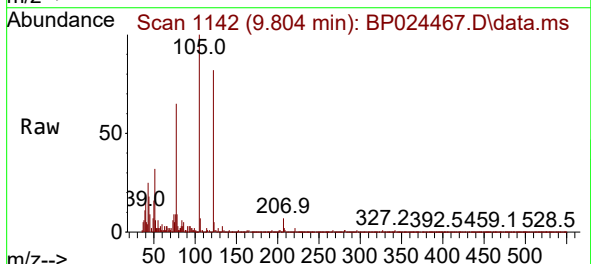
Instrument :
BNA_P
ClientSampleId :
MH-C

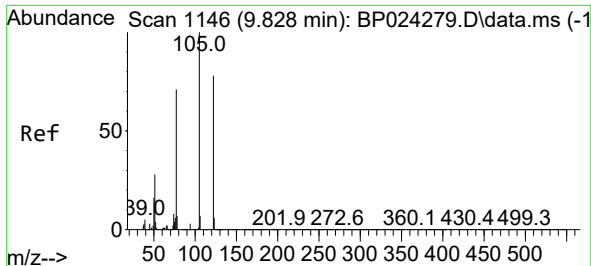
Tgt Ion: 82 Resp: 512562
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 45.1 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 4.589 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.123 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

Tgt Ion: 122 Resp: 16399
Ion Ratio Lower Upper
122 100
107 1.2 93.7 140.5#
121 0.0 48.2 72.2#

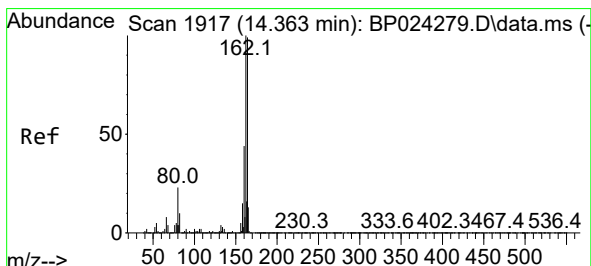
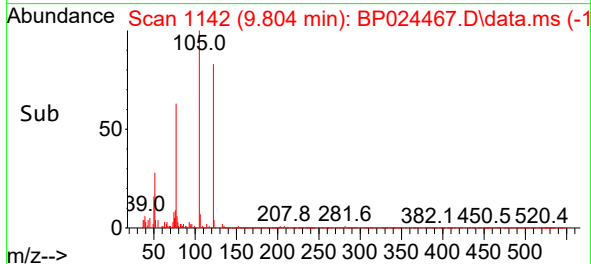
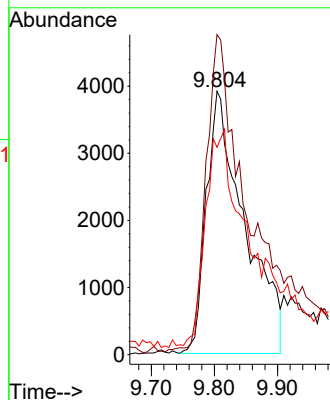
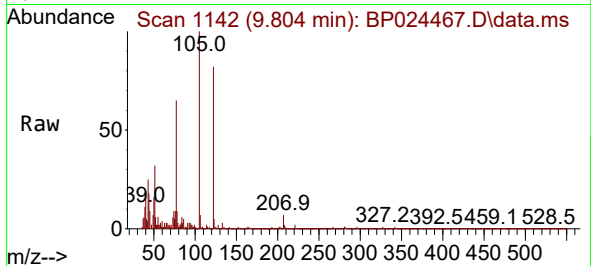




#32
Benzoic acid
Concen: 3.938 ng
RT: 9.804 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

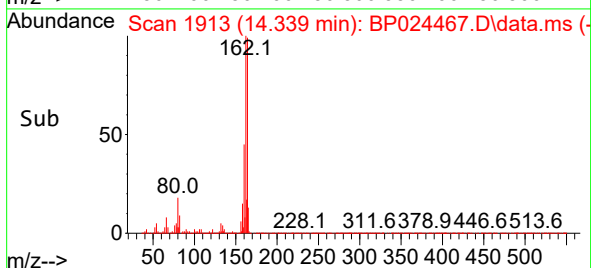
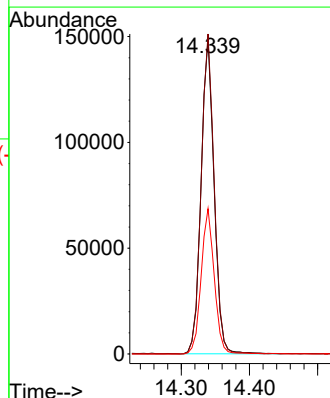
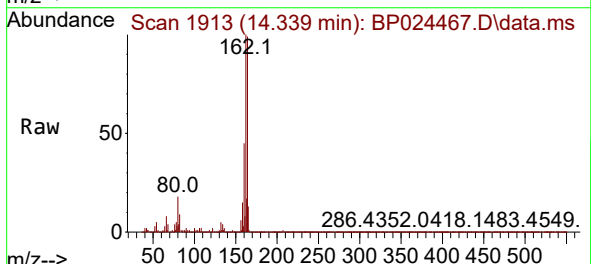
Instrument :
BNA_P
ClientSampleId :
MH-C

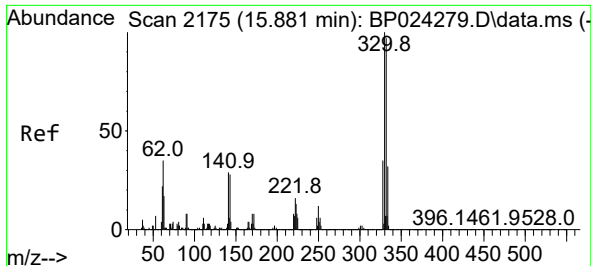
Tgt Ion:122 Resp: 16399
Ion Ratio Lower Upper
122 100
105 121.5 104.8 144.8
77 78.7 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

Tgt Ion:164 Resp: 197911
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 46.1 35.3 52.9

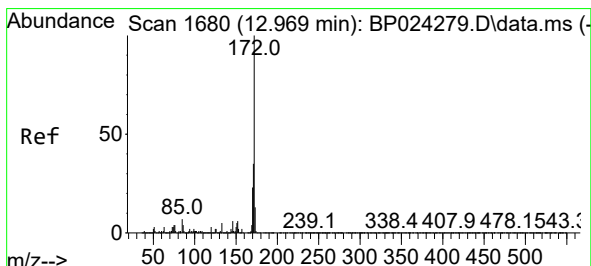
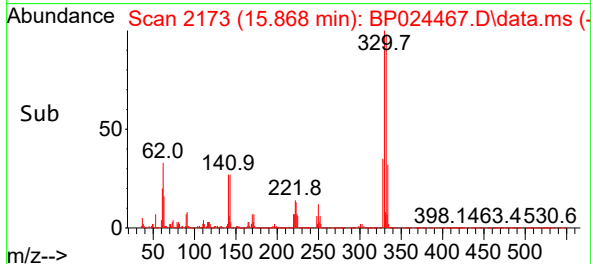
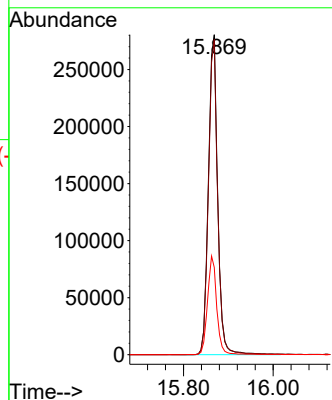
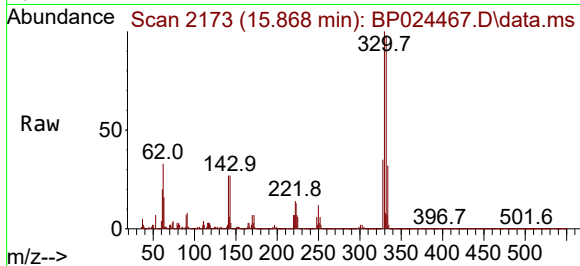




#42
2,4,6-Tribromophenol
Concen: 147.169 ng
RT: 15.868 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

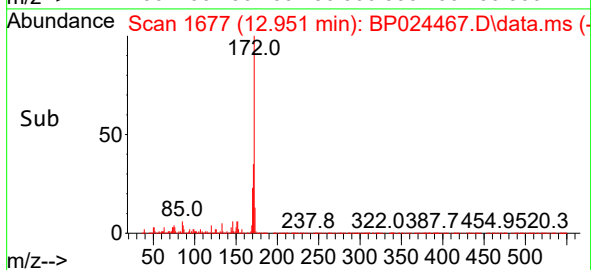
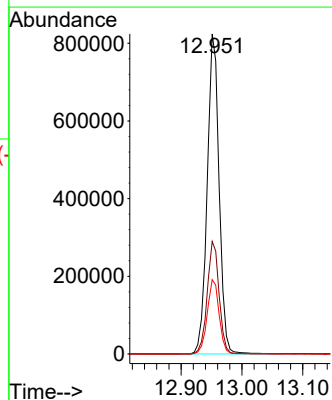
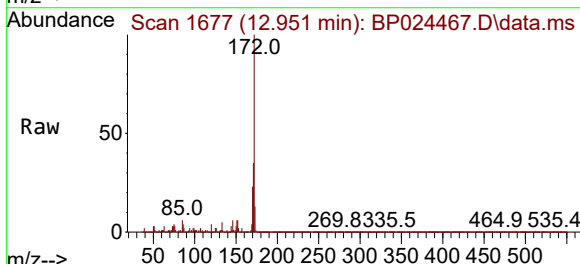
Instrument :
BNA_P
ClientSampleId :
MH-C

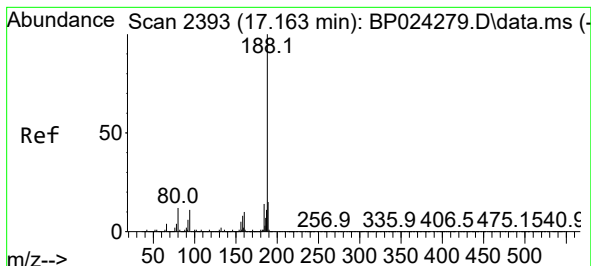
Tgt Ion:330 Resp: 402979
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 30.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 86.556 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024467.D
Acq: 29 Apr 2025 20:05

Tgt Ion:172 Resp: 1118824
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024467.D

Acq: 29 Apr 2025 20:05

Instrument :

BNA_P

ClientSampleId :

MH-C

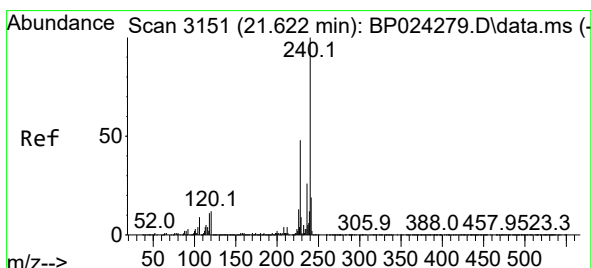
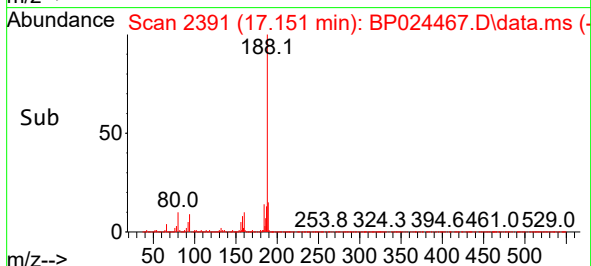
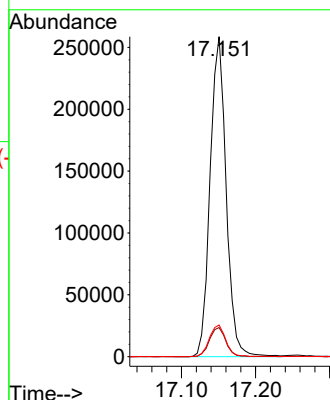
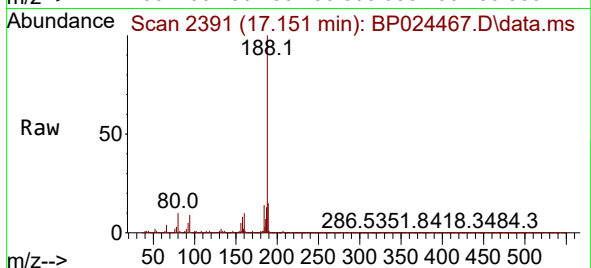
Tgt Ion:188 Resp: 389138

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 9.9 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BP024467.D

Acq: 29 Apr 2025 20:05

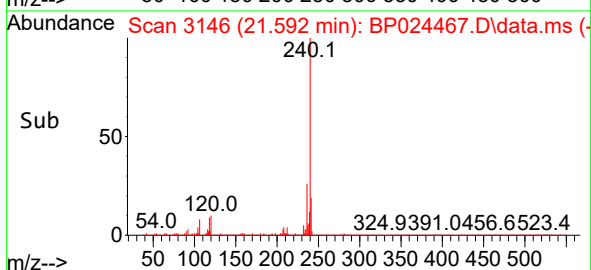
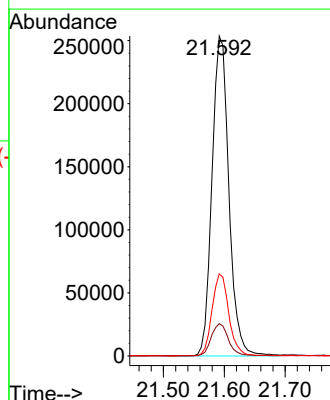
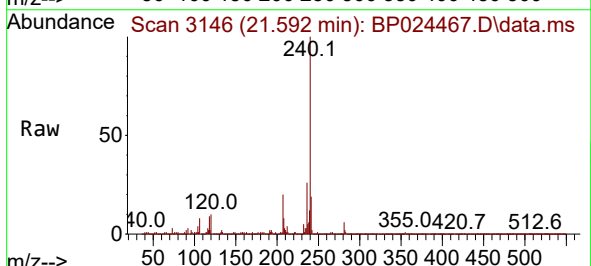
Tgt Ion:240 Resp: 488732

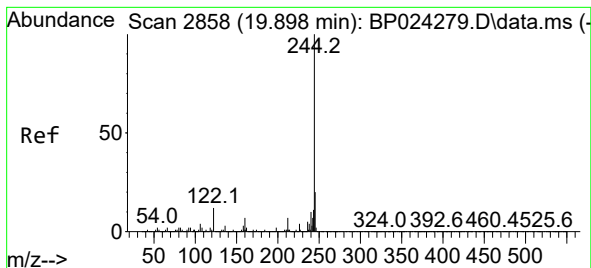
Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 81.178 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024467.D

Acq: 29 Apr 2025 20:05

Instrument :

BNA_P

ClientSampleId :

MH-C

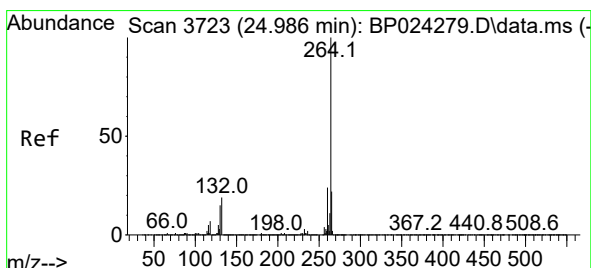
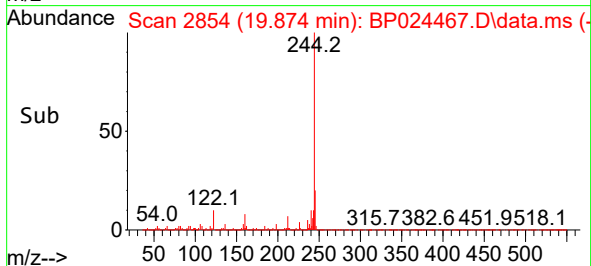
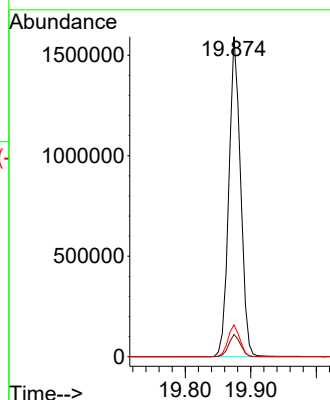
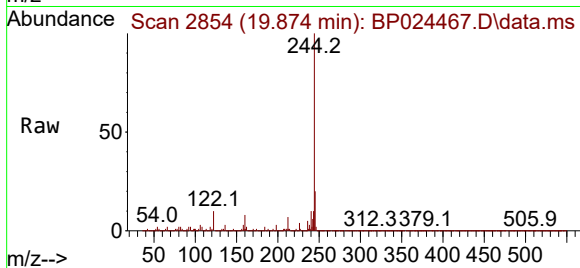
Tgt Ion:244 Resp: 1968320

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.950 min Scan# 3717

Delta R.T. 0.017 min

Lab File: BP024467.D

Acq: 29 Apr 2025 20:05

Tgt Ion:264 Resp: 554987

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 17.8 26.6

