

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024487.D
 Acq On : 01 May 2025 11:18
 Operator : RC/JU
 Sample : PB167805TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167805TB

Quant Time: May 01 12:19:49 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	147117	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	562398	20.000	ng	-0.02
39) Acenaphthene-d10	14.345	164	333420	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	681369	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	822212	20.000	ng	# 0.02
86) Perylene-d12	24.962	264	999851	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1139643	128.085	ng	-0.01
7) Phenol-d6	6.899	99	1373141	112.707	ng	-0.01
23) Nitrobenzene-d5	8.857	82	850526	86.234	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	713330	154.633	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1956388	89.840	ng	-0.02
79) Terphenyl-d14	19.886	244	3507849	85.994	ng	0.01

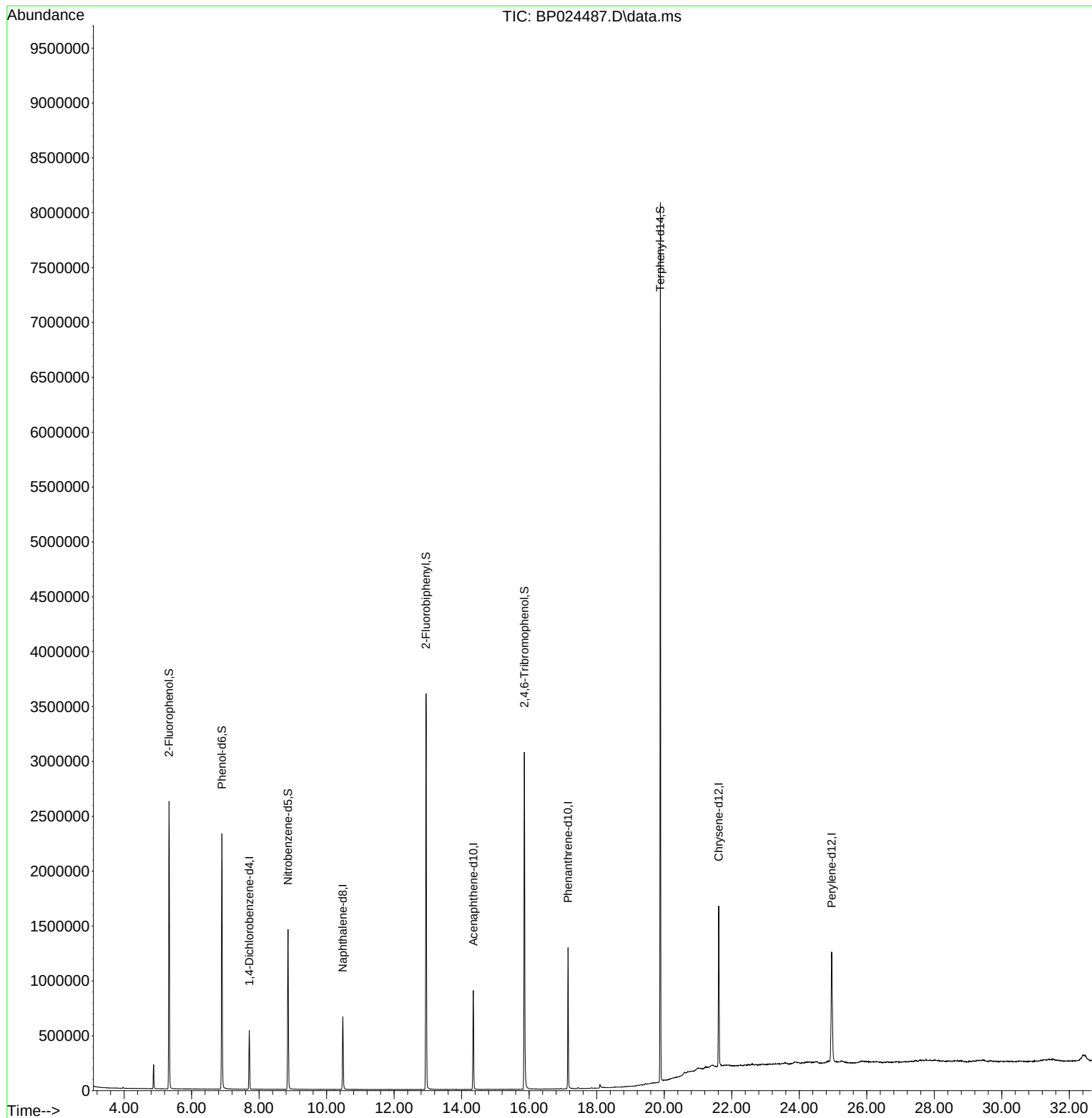
Target Compounds	Qvalue

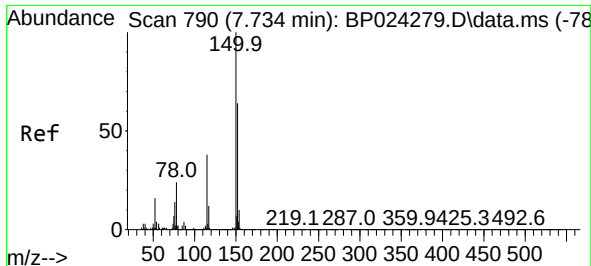
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024487.D
Acq On : 01 May 2025 11:18
Operator : RC/JU
Sample : PB167805TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167805TB

Quant Time: May 01 12:19:49 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

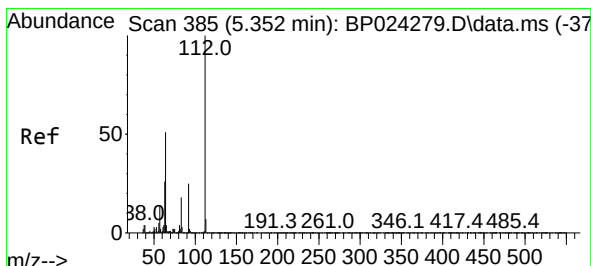
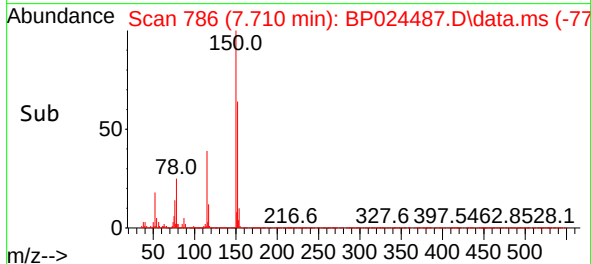
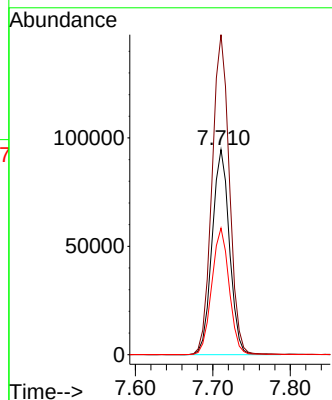
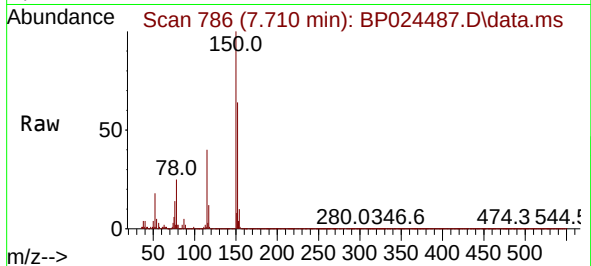




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

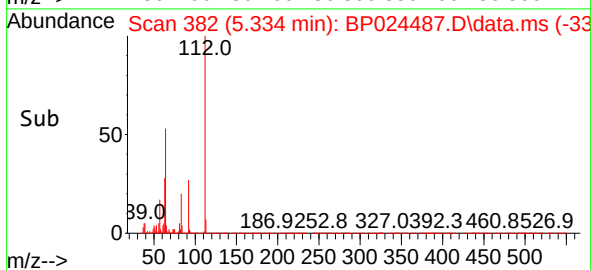
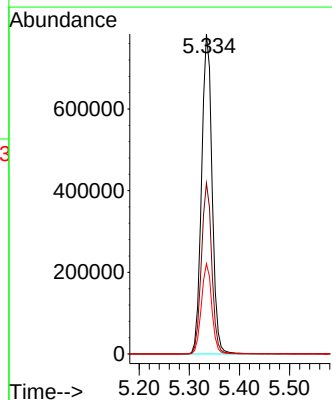
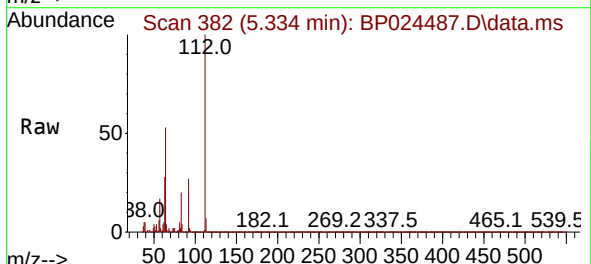
Instrument :
BNA_P
ClientSampleId :
PB167805TB

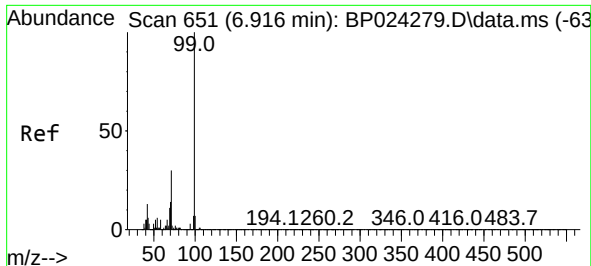
Tgt Ion:152 Resp: 147117
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 61.7 47.7 71.5



#5
2-Fluorophenol
Concen: 128.085 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

Tgt Ion:112 Resp: 1139643
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 28.2 20.6 30.8

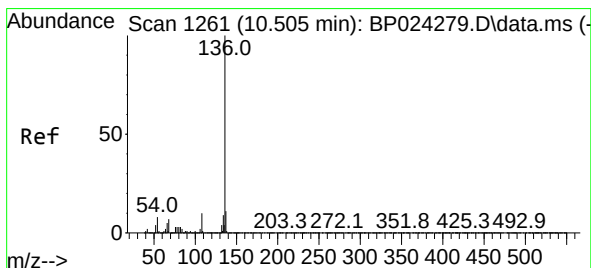
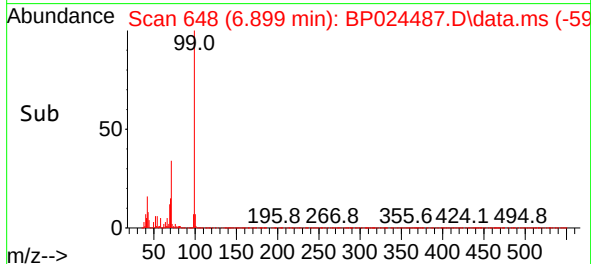
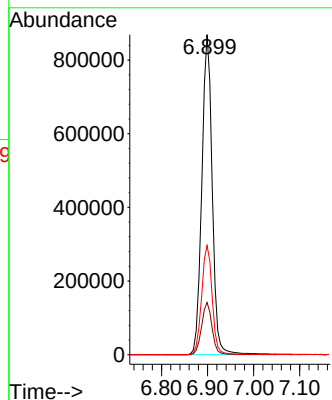
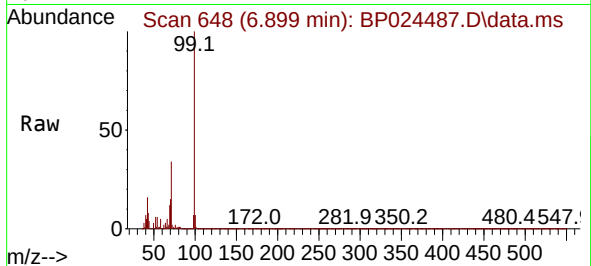




#7
Phenol-d6
Concen: 112.707 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

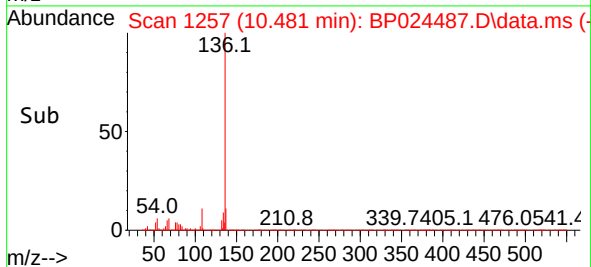
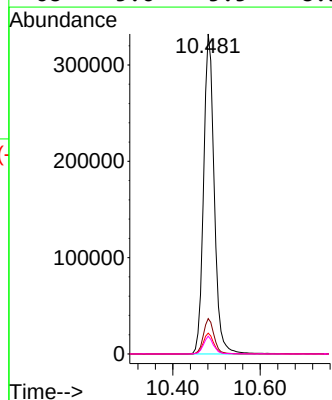
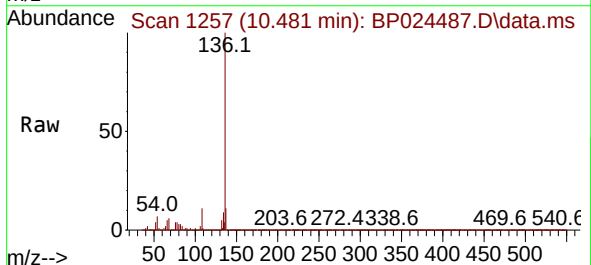
Instrument :
BNA_P
ClientSampleId :
PB167805TB

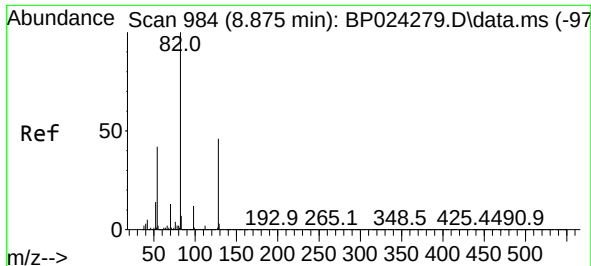
Tgt Ion: 99 Resp: 1373141
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 34.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

Tgt Ion: 136 Resp: 562398
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.5 6.0 9.0
68 5.6 5.5 8.3

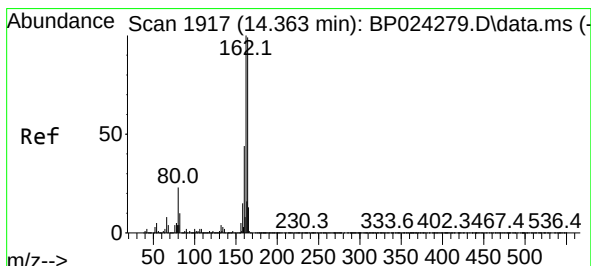
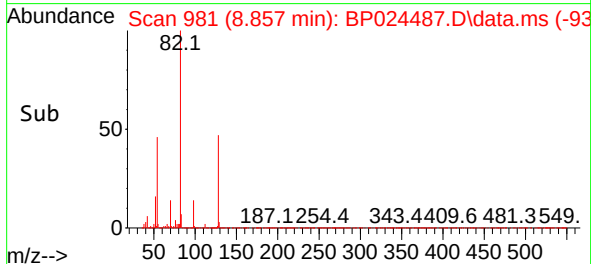
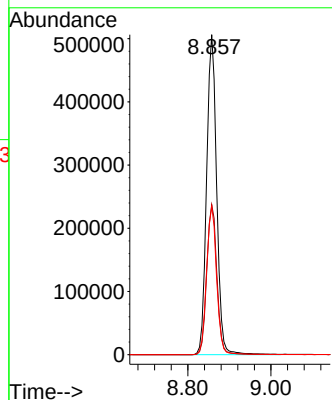
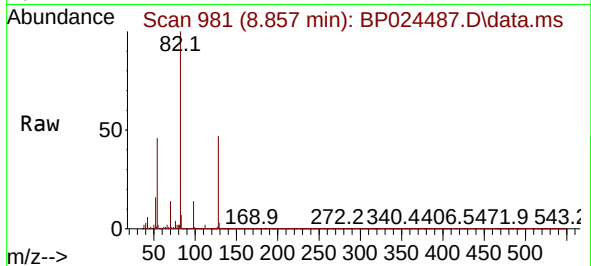




#23
Nitrobenzene-d5
Concen: 86.234 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

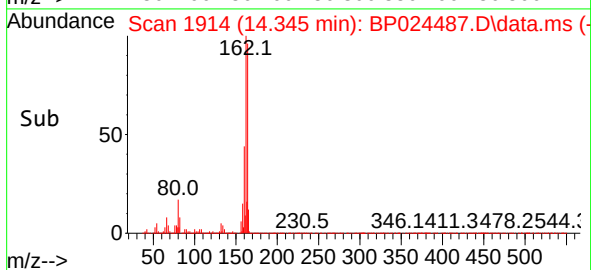
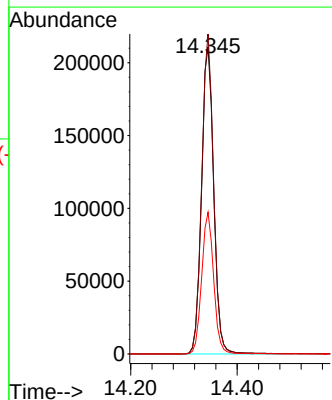
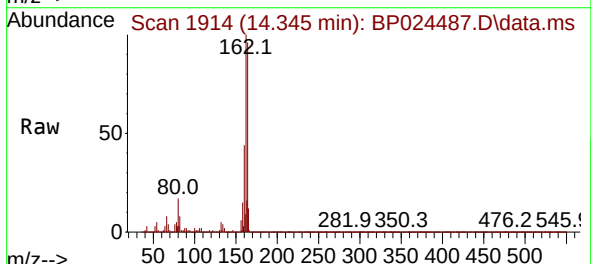
Instrument :
BNA_P
ClientSampleId :
PB167805TB

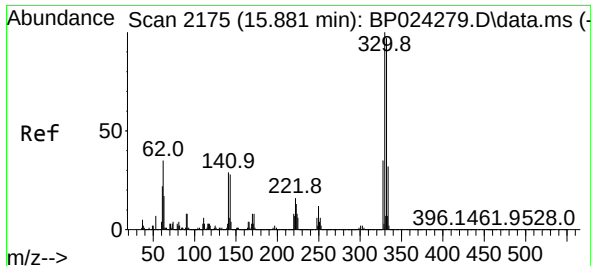
Tgt Ion: 82 Resp: 850526
Ion Ratio Lower Upper
82 100
128 46.9 36.5 54.7
54 46.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

Tgt Ion:164 Resp: 333420
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 46.1 35.3 52.9

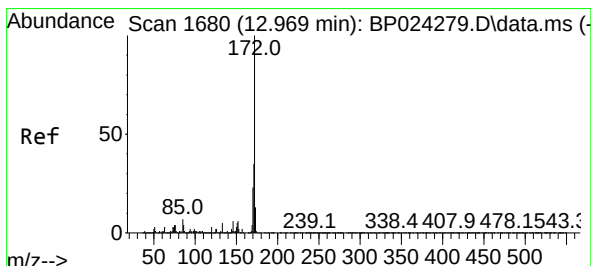
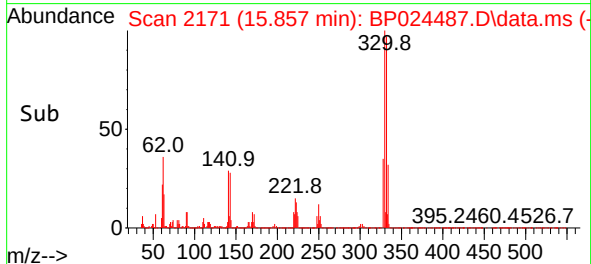
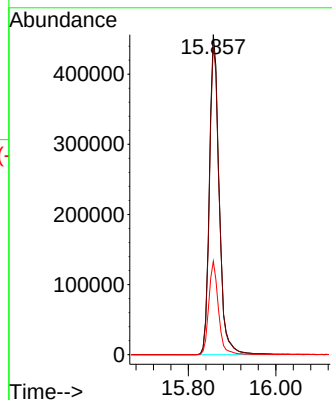
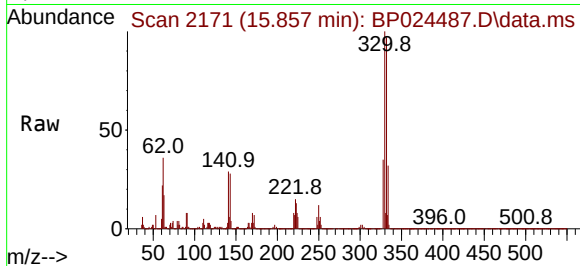




#42
2,4,6-Tribromophenol
Concen: 154.633 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

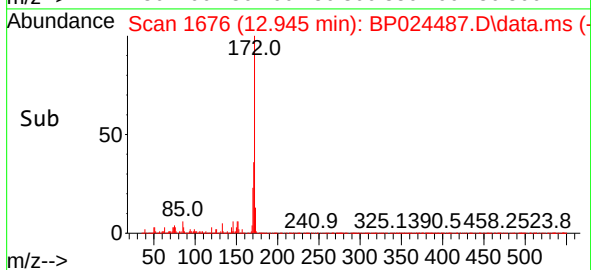
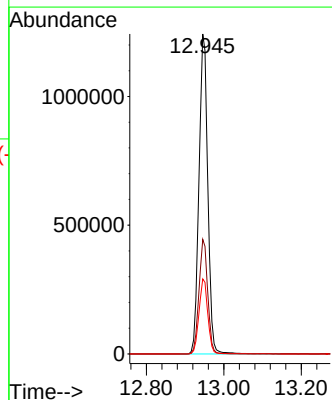
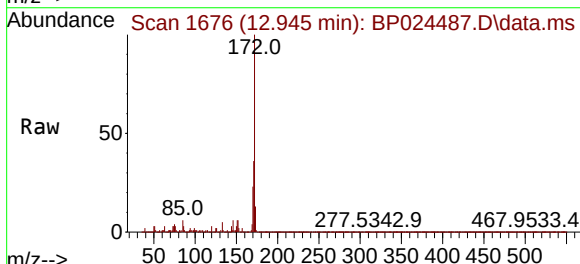
Instrument :
BNA_P
ClientSampleId :
PB167805TB

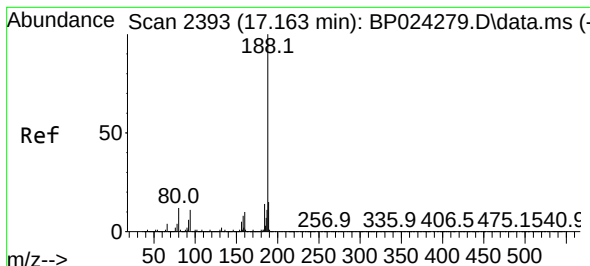
Tgt Ion: 330 Resp: 713330
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 28.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 89.840 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024487.D
Acq: 01 May 2025 11:18

Tgt Ion: 172 Resp: 1956388
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.5 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: BP024487.D

Acq: 01 May 2025 11:18

Instrument :

BNA_P

ClientSampleId :

PB167805TB

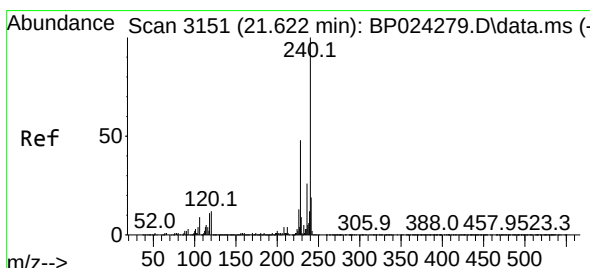
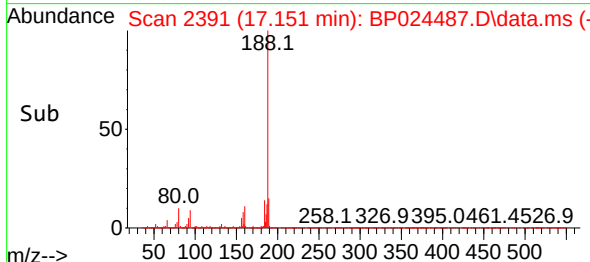
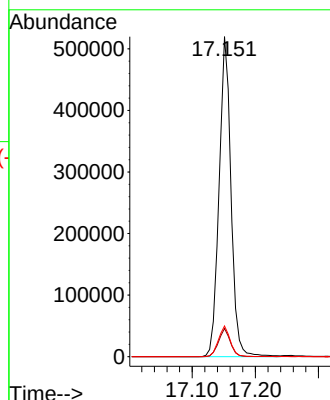
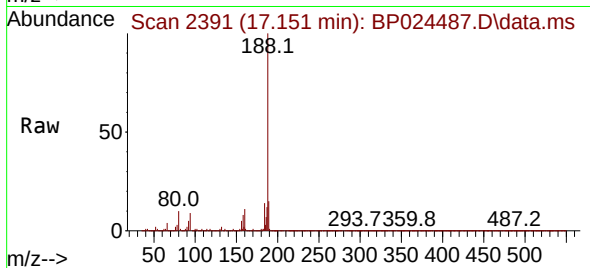
Tgt Ion:188 Resp: 681369

Ion Ratio Lower Upper

188 100

94 8.8 8.6 13.0

80 9.6 9.8 14.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. 0.024 min

Lab File: BP024487.D

Acq: 01 May 2025 11:18

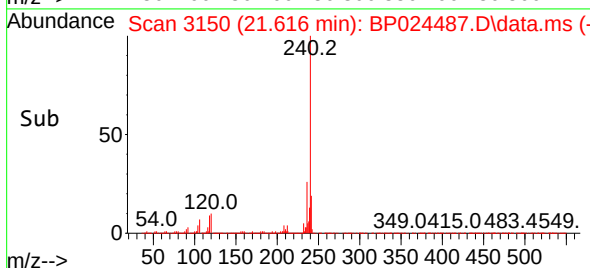
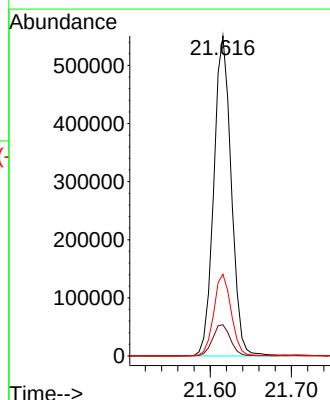
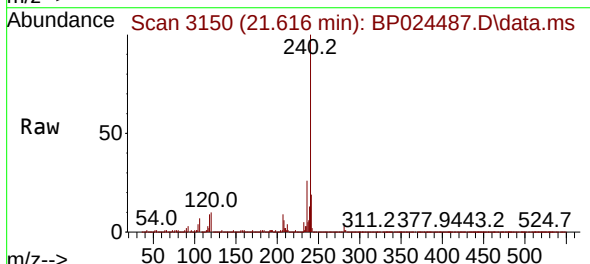
Tgt Ion:240 Resp: 822212

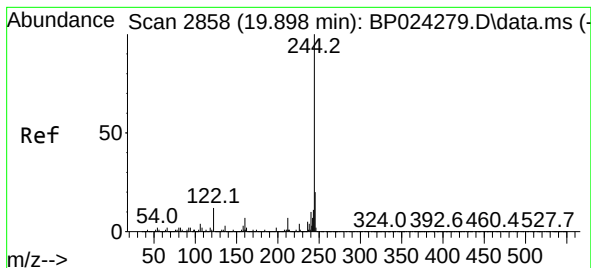
Ion Ratio Lower Upper

240 100

120 9.7 9.8 14.8#

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 85.994 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024487.D

Acq: 01 May 2025 11:18

Instrument :

BNA_P

ClientSampleId :

PB167805TB

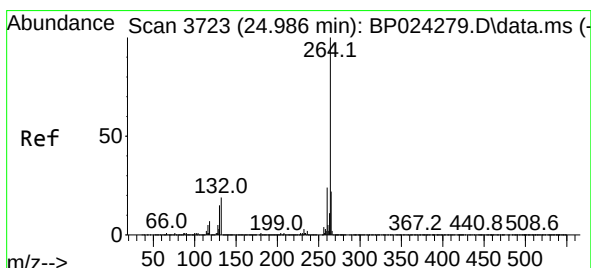
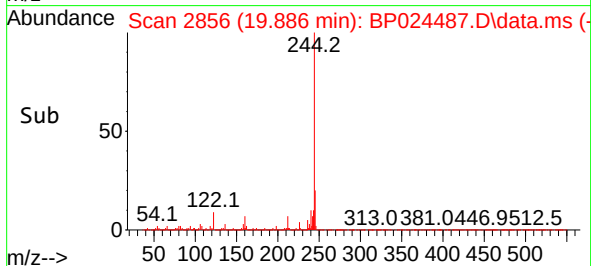
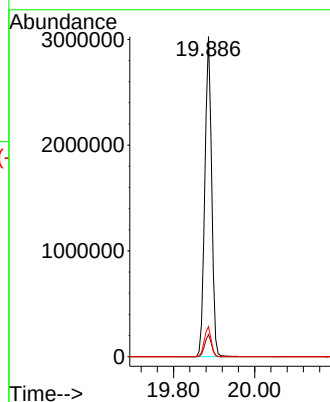
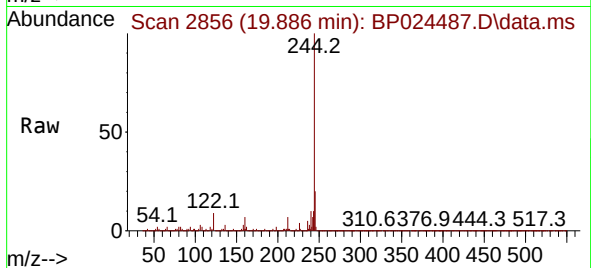
Tgt Ion:244 Resp: 3507849

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.962 min Scan# 3719

Delta R.T. 0.029 min

Lab File: BP024487.D

Acq: 01 May 2025 11:18

Tgt Ion:264 Resp: 999851

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.6 17.8 26.6

