

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024284.D
 Acq On : 14 Apr 2025 19:16
 Operator : RC/JU
 Sample : PB167488TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167488TB

Quant Time: Apr 15 04:55:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	225183	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	887369	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	527513	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	1051414	20.000	ng	-0.01
76) Chrysene-d12	21.616	240	1165716	20.000	ng	0.00
86) Perylene-d12	24.986	264	1303730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2121847	155.801	ng	0.00
7) Phenol-d6	6.916	99	2660446	142.665	ng	0.00
23) Nitrobenzene-d5	8.875	82	1577799	101.387	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1091673	149.577	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3455689	100.302	ng	-0.01
79) Terphenyl-d14	19.904	244	5712351	98.772	ng	-0.02

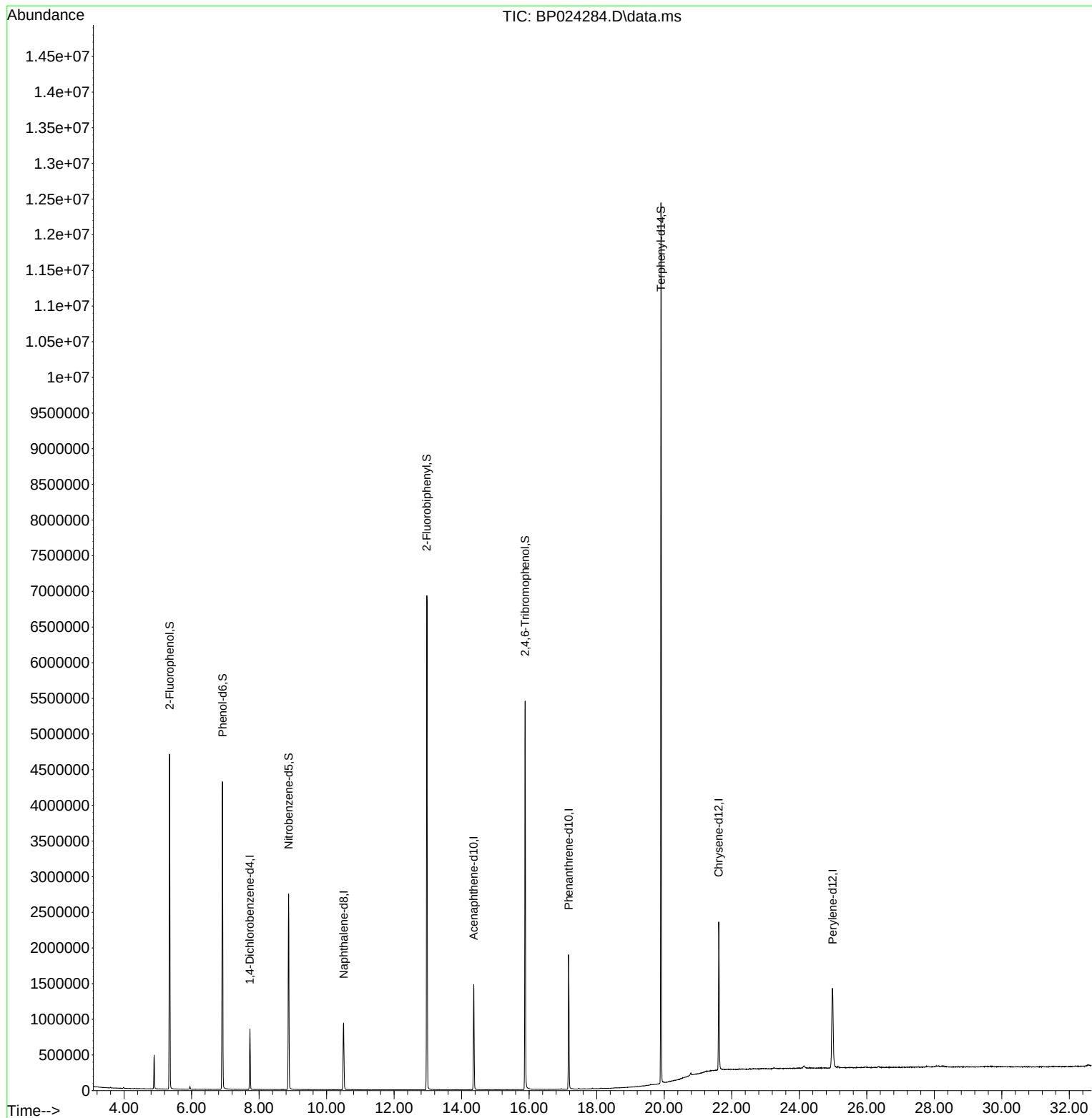
Target Compounds	Qvalue

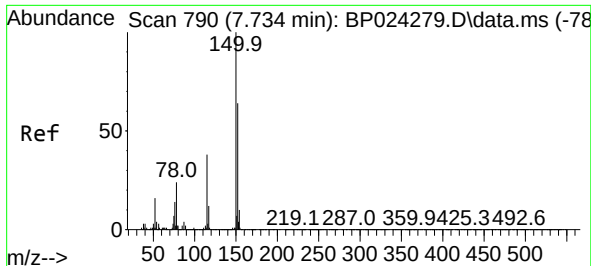
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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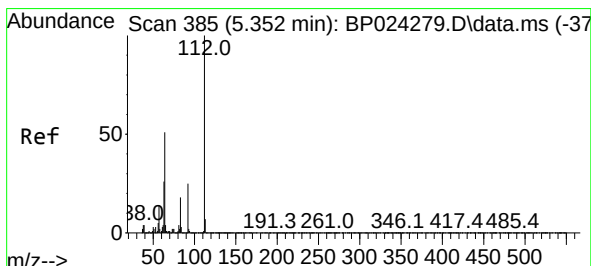
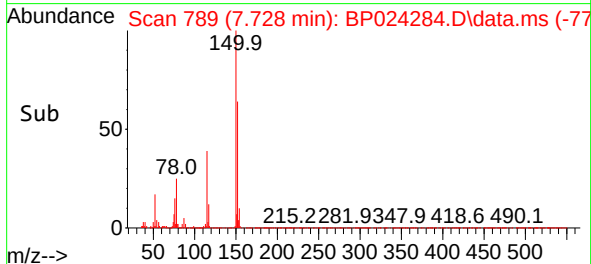
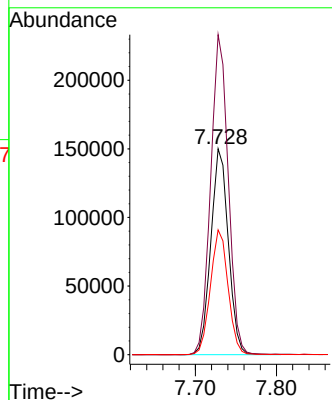
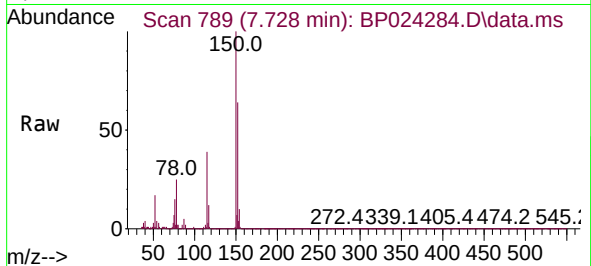




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

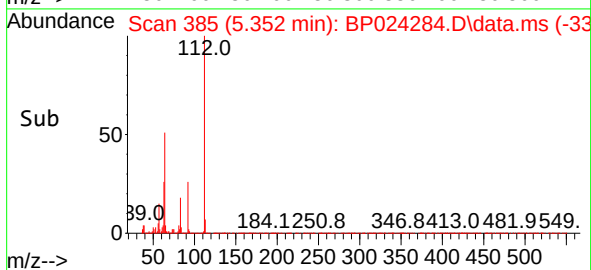
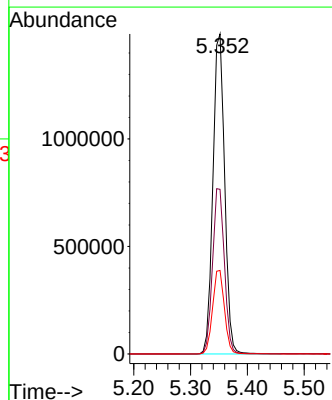
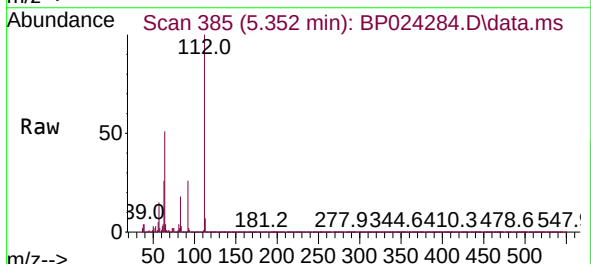
Instrument :
BNA_P
ClientSampleId :
PB167488TB

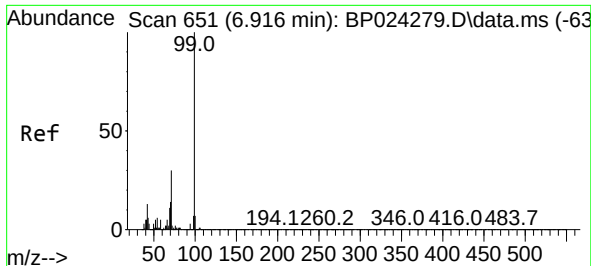
Tgt Ion:152 Resp: 225183
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 60.6 47.7 71.5



#5
2-Fluorophenol
Concen: 155.801 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

Tgt Ion:112 Resp: 2121847
Ion Ratio Lower Upper
112 100
64 51.5 41.1 61.7
63 26.1 20.6 30.8



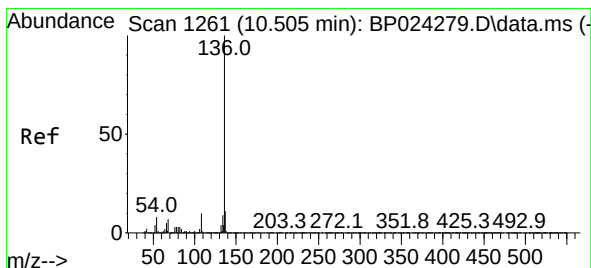
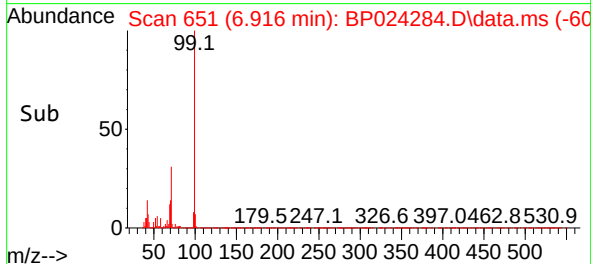
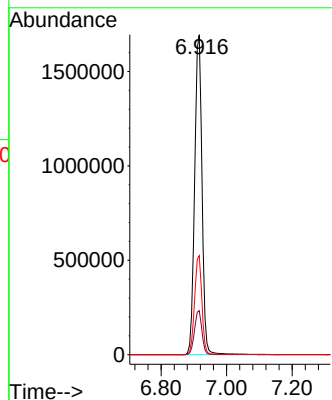
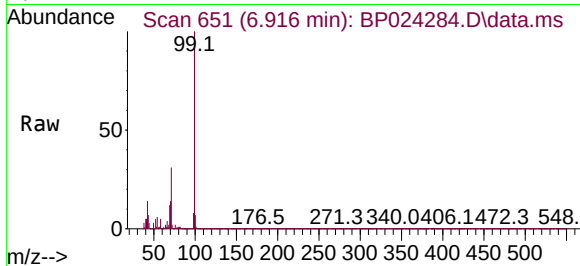


#7
Phenol-d6
Concen: 142.665 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

Instrument :
BNA_P
ClientSampleId :
PB167488TB

Tgt Ion: 99 Resp: 2660446

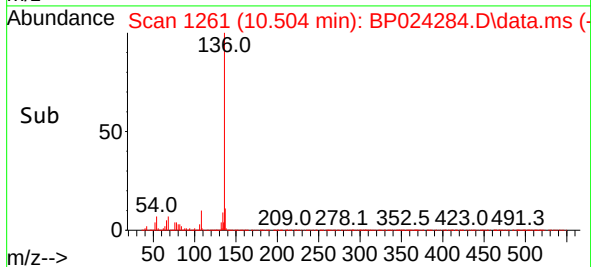
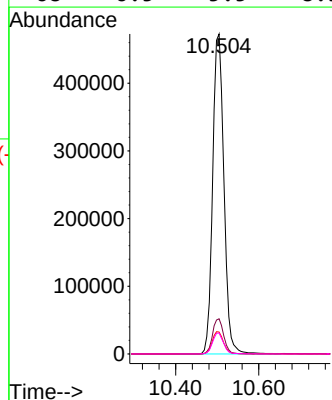
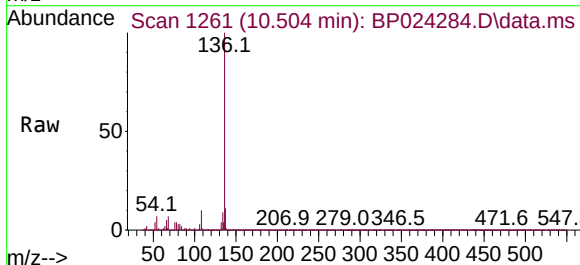
Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	16.0
71	30.9	23.7	35.5

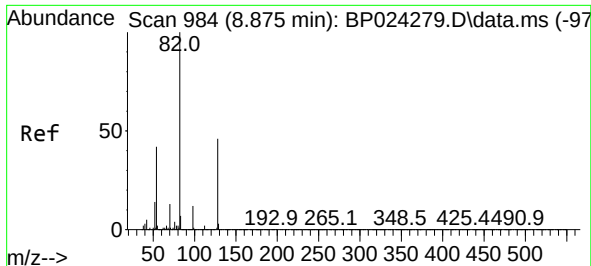


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

Tgt Ion:136 Resp: 887369

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.9	6.0	9.0
68	6.5	5.5	8.3

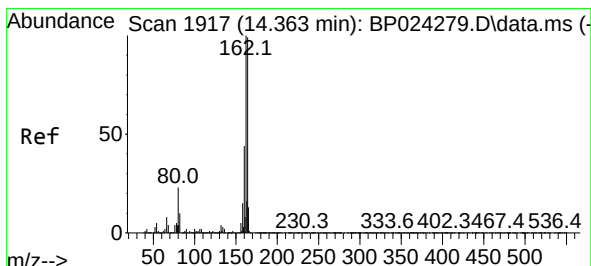
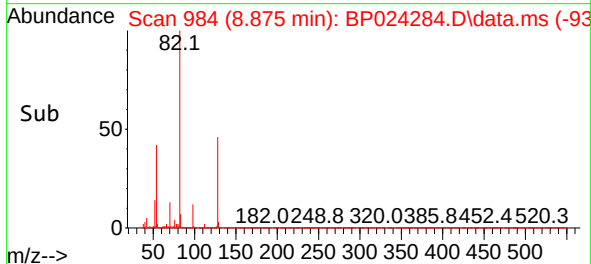
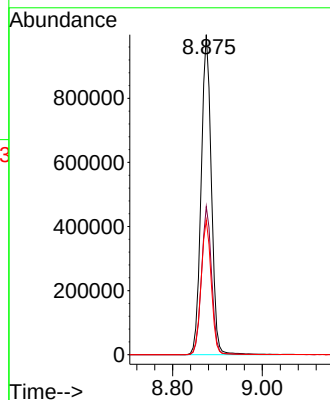
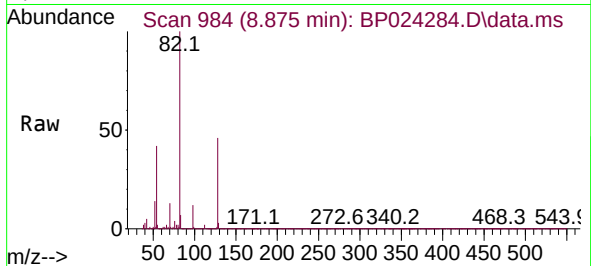




#23
Nitrobenzene-d5
Concen: 101.387 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

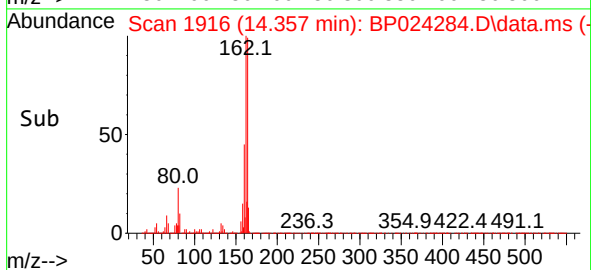
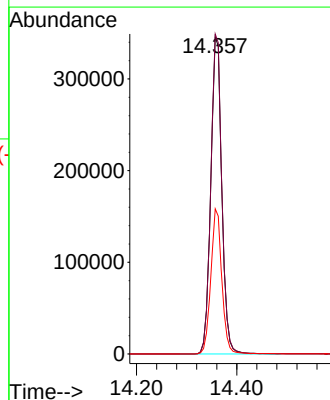
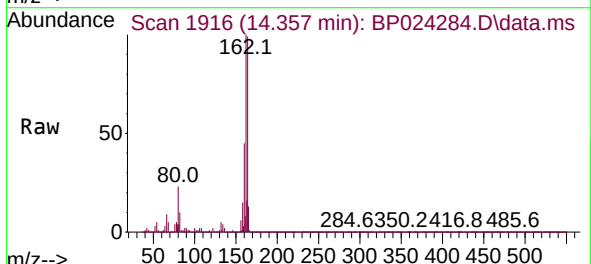
Instrument :
BNA_P
ClientSampleId :
PB167488TB

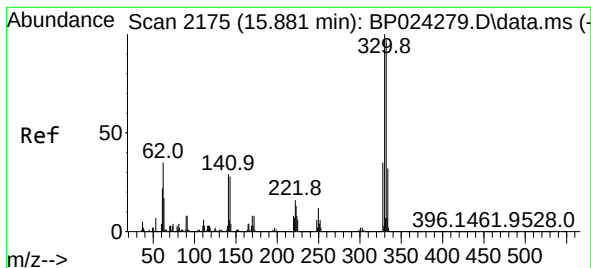
Tgt Ion: 82 Resp: 1577799
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 42.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

Tgt Ion: 164 Resp: 527513
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 45.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 149.577 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024284.D

Acq: 14 Apr 2025 19:16

Instrument :

BNA_P

ClientSampleId :

PB167488TB

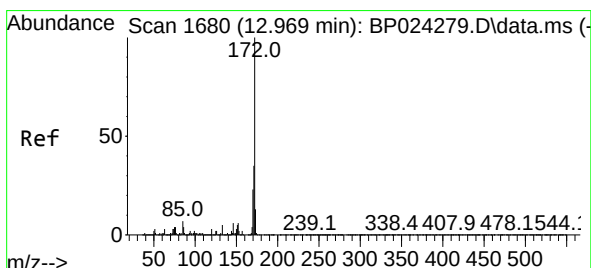
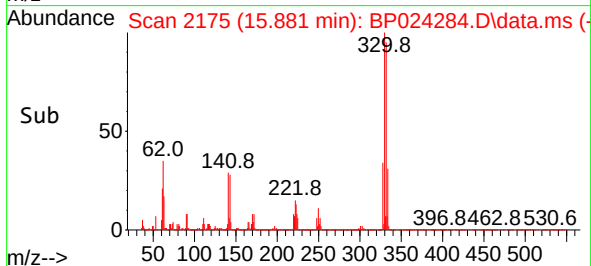
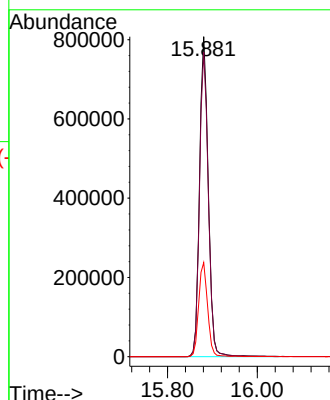
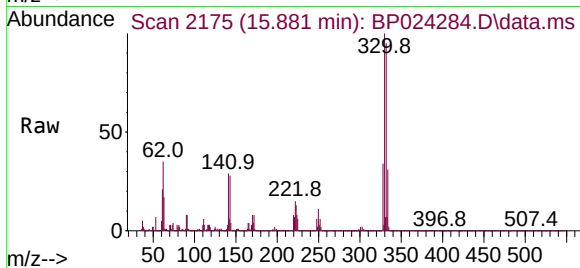
Tgt Ion:330 Resp: 1091673

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 30.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 100.302 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024284.D

Acq: 14 Apr 2025 19:16

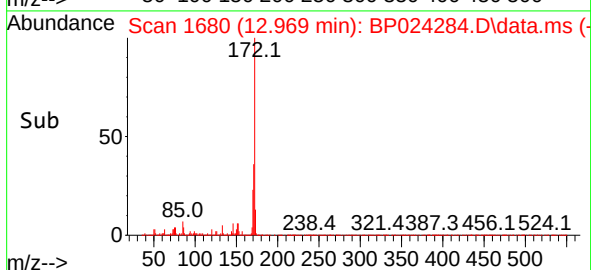
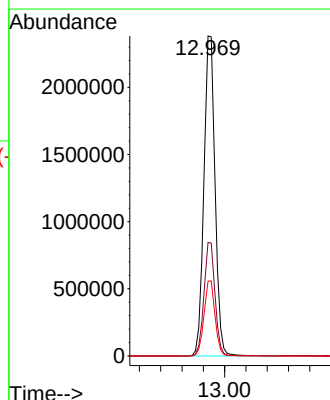
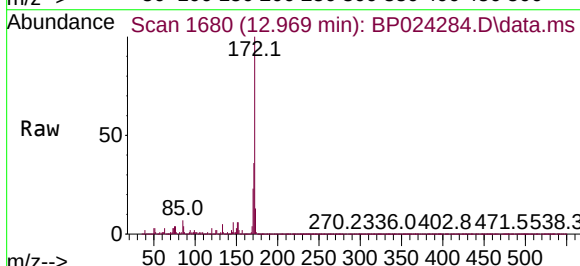
Tgt Ion:172 Resp: 3455689

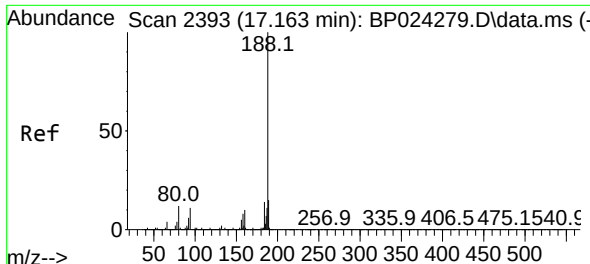
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.6 27.8

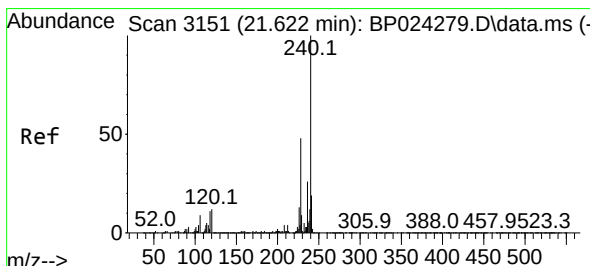
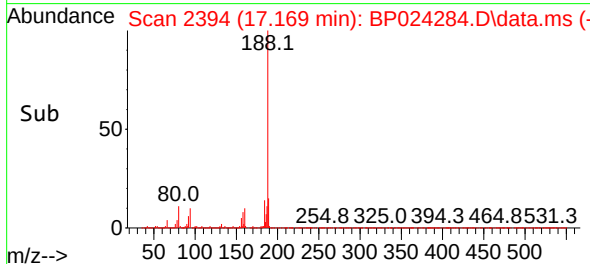
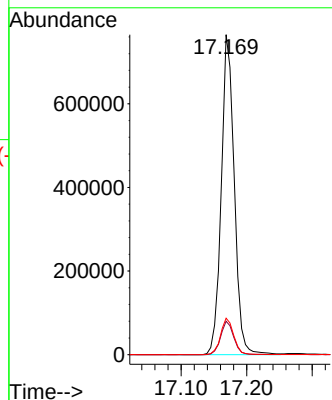
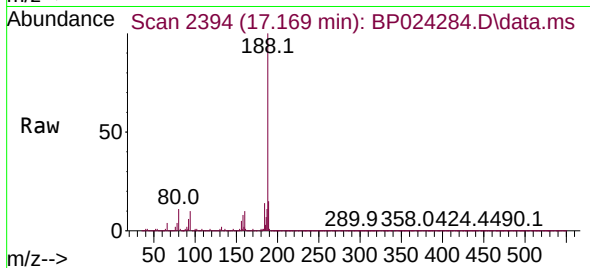




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

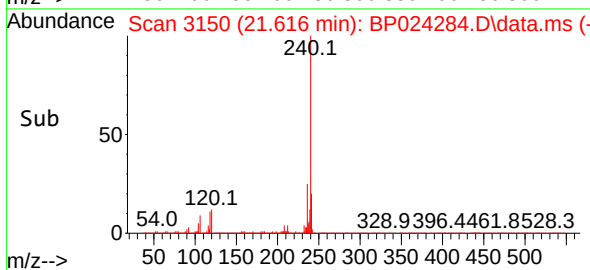
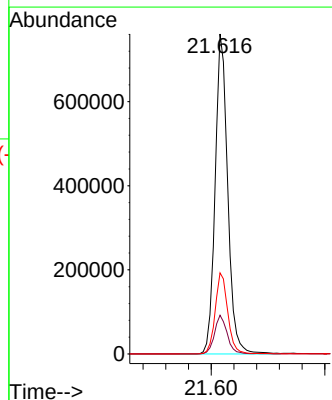
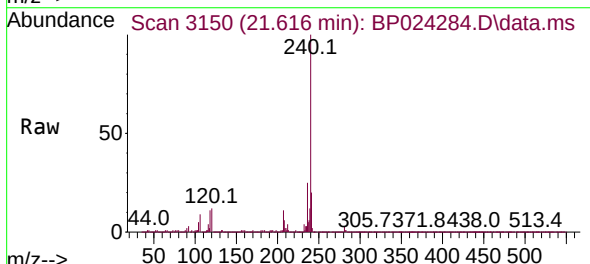
Instrument :
BNA_P
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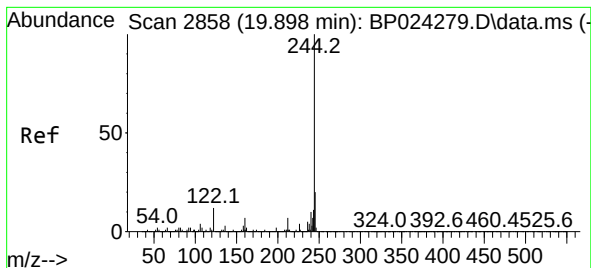
Tgt Ion:188 Resp: 1051414
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024284.D
Acq: 14 Apr 2025 19:16

Tgt Ion:240 Resp: 1165716
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.8
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 98.772 ng

RT: 19.904 min Scan# 2859

Delta R.T. -0.018 min

Lab File: BP024284.D

Acq: 14 Apr 2025 19:16

Instrument :

BNA_P

ClientSampleId :

PB167488TB

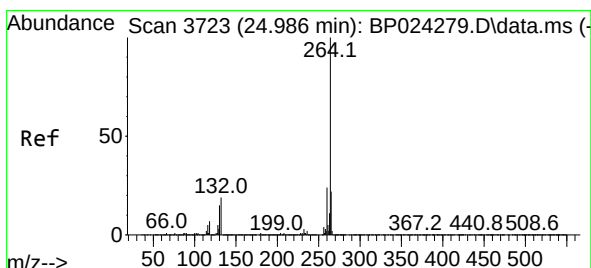
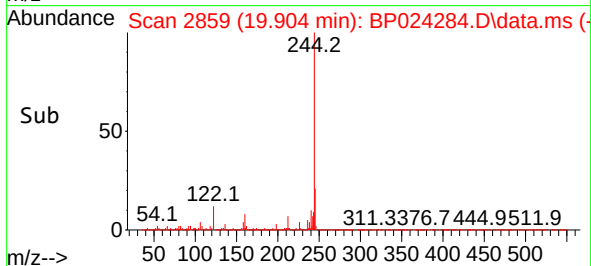
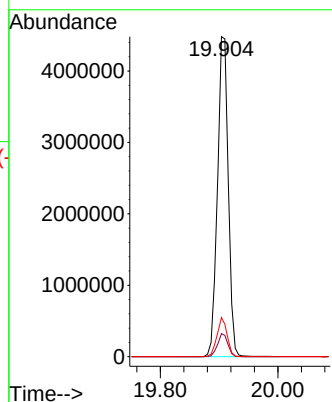
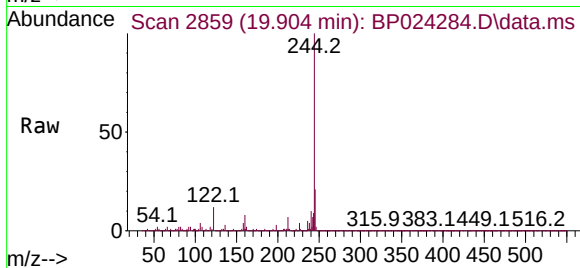
Tgt Ion:244 Resp: 5712351

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 12.2 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. -0.000 min

Lab File: BP024284.D

Acq: 14 Apr 2025 19:16

Tgt Ion:264 Resp: 1303730

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.1 17.8 26.6

