

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024361.D
 Acq On : 21 Apr 2025 14:15
 Operator : RC/JU
 Sample : Q1825-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9

Quant Time: Apr 21 14:55:26 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	7.722	152	221608	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	845367	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	418947	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	993070	20.000	ng	0.01
76) Chrysene-d12	21.586	240	976311	20.000	ng	0.00
86) Perylene-d12	24.927	264	81230	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1735079	129.457	ng	0.00
7) Phenol-d6	6.910	99	1947597	106.124	ng	0.00
23) Nitrobenzene-d5	8.869	82	1315073	88.703	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1000708	172.644	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	2752653	100.600	ng	0.00
79) Terphenyl-d14	19.880	244	5362399	110.709	ng	0.00

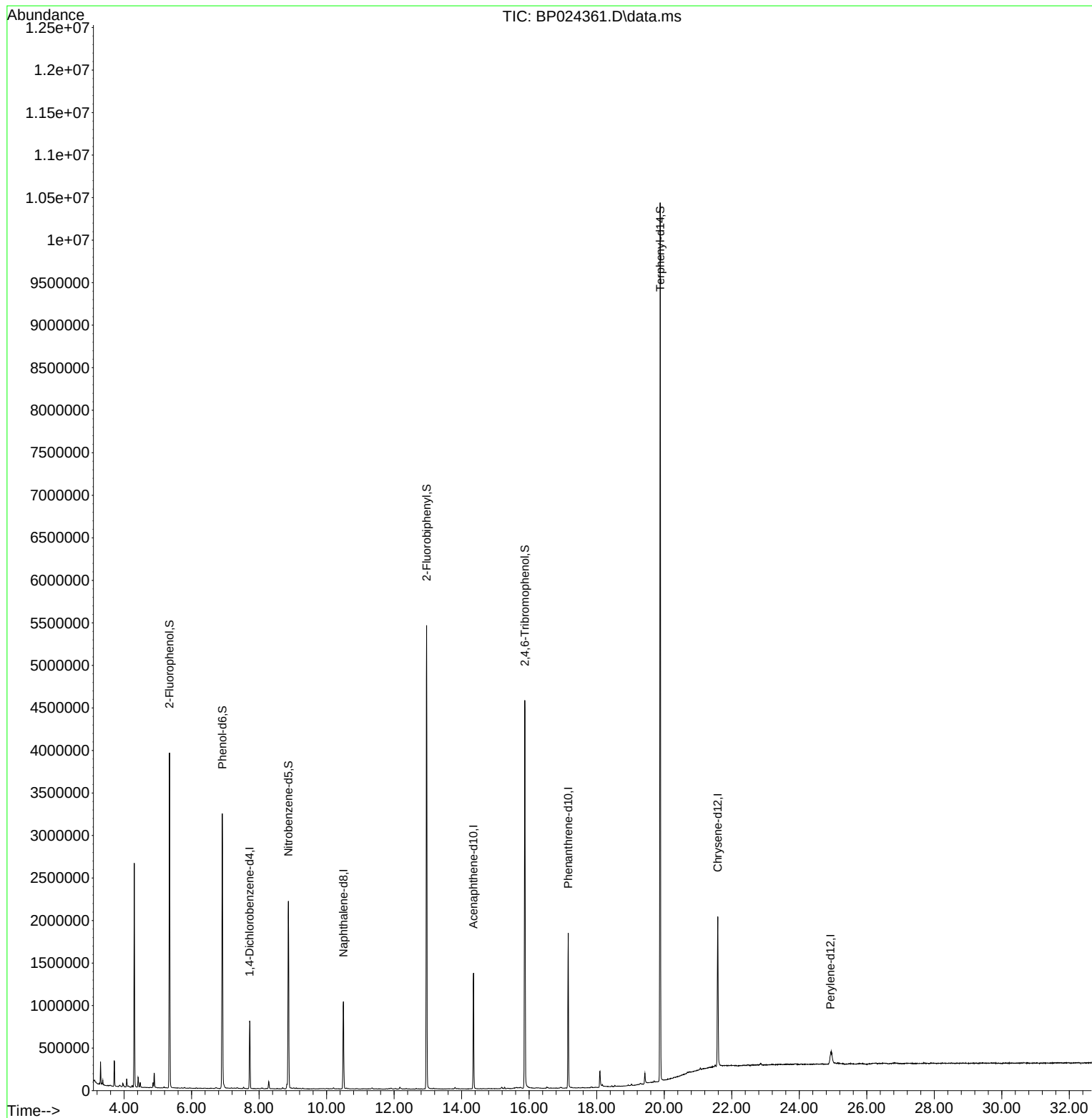
Target Compounds	Qvalue

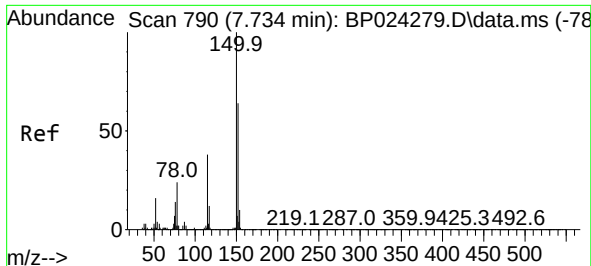
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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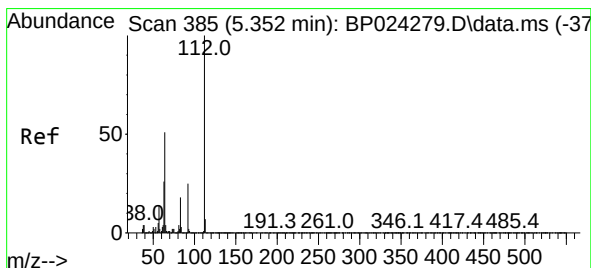
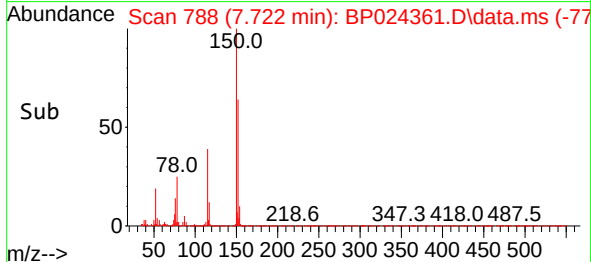
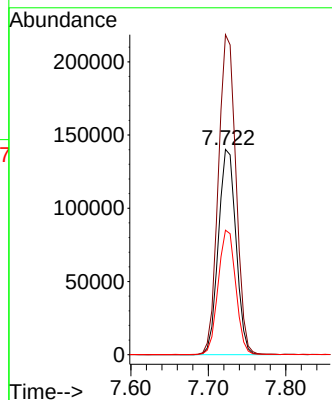
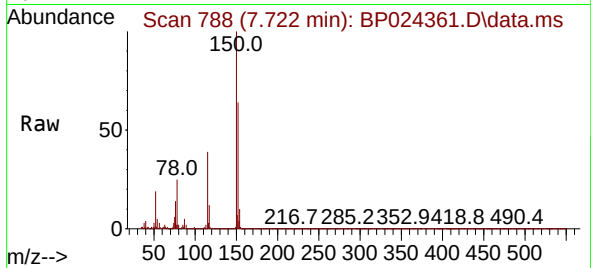




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

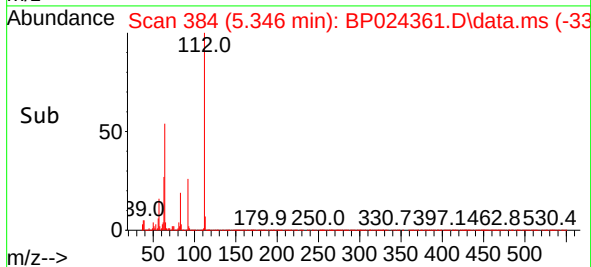
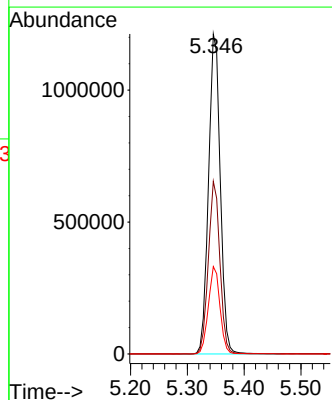
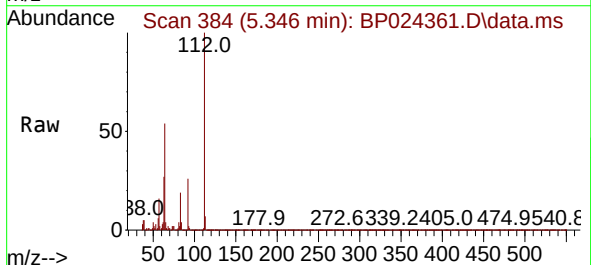
Instrument :
BNA_P
ClientSampleId :
TP-9

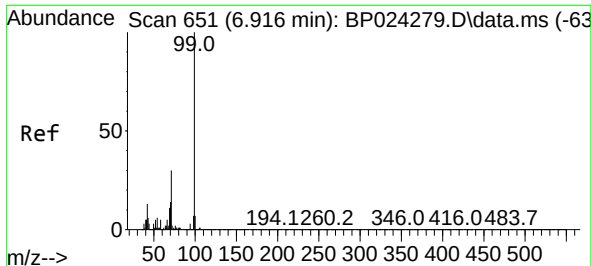
Tgt Ion:152 Resp: 221608
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 60.6 47.7 71.5



#5
2-Fluorophenol
Concen: 129.457 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.000 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

Tgt Ion:112 Resp: 1735079
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 27.3 20.6 30.8

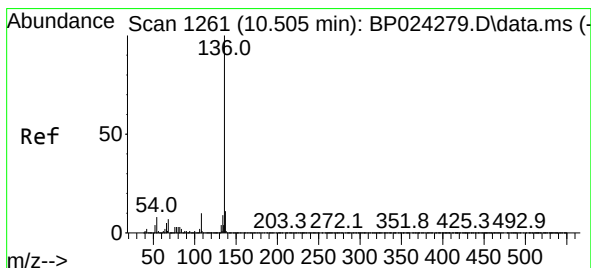
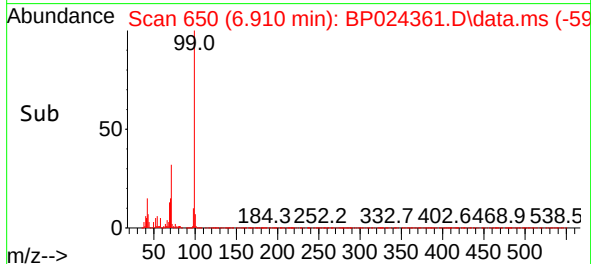
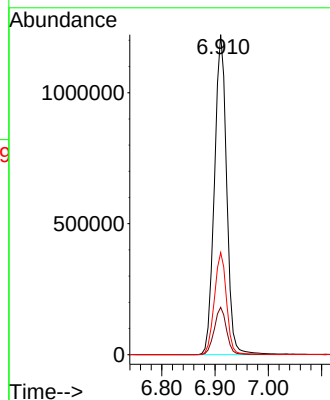
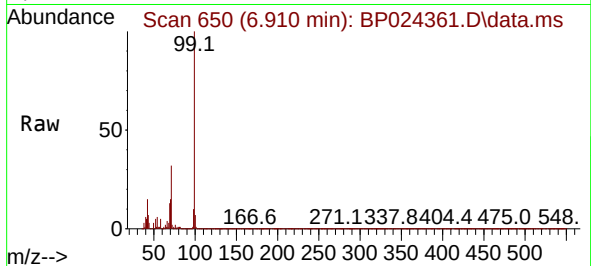




#7
Phenol-d6
Concen: 106.124 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

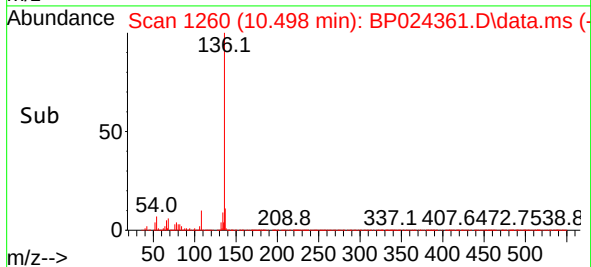
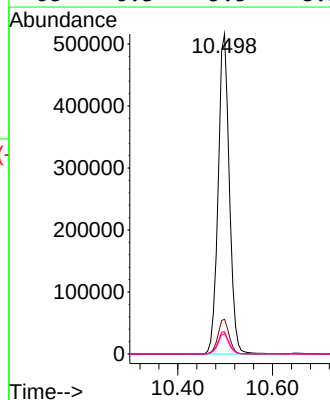
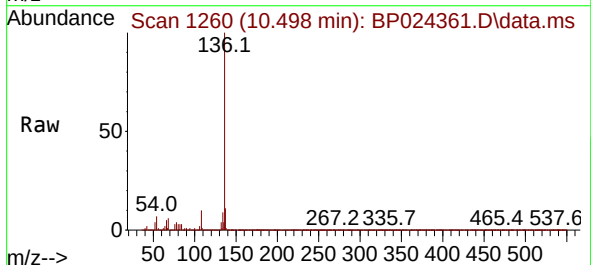
Instrument :
BNA_P
ClientSampleId :
TP-9

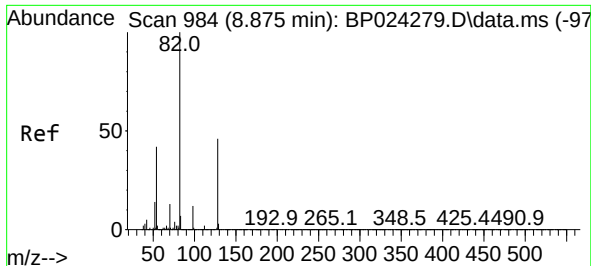
Tgt Ion: 99 Resp: 1947597
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 31.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

Tgt Ion:136 Resp: 845367
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 6.3 5.5 8.3

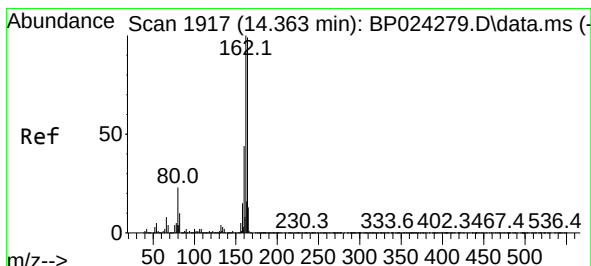
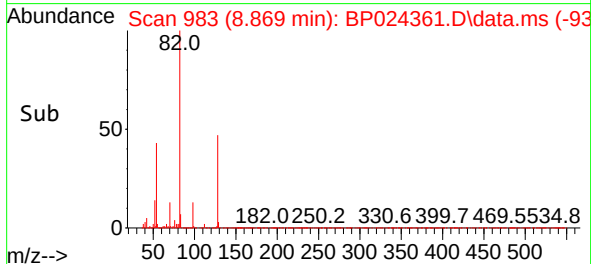
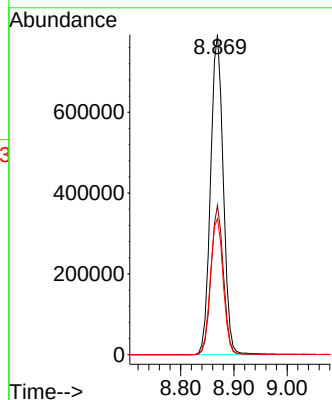
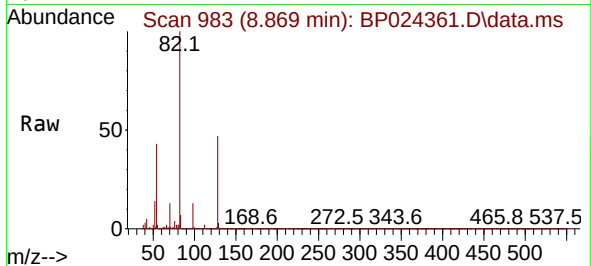




#23
Nitrobenzene-d5
Concen: 88.703 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

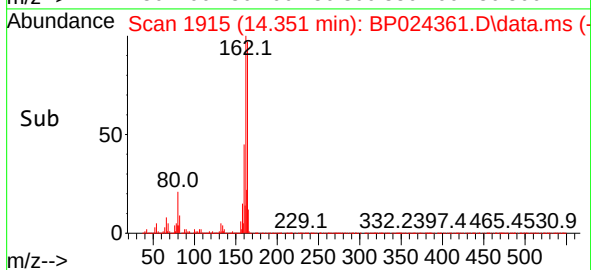
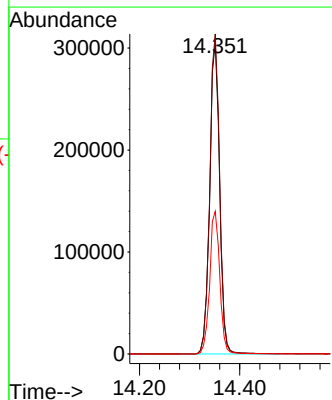
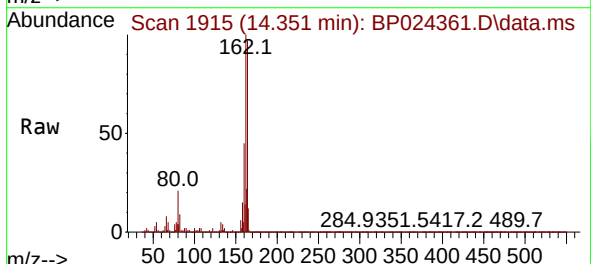
Instrument :
BNA_P
ClientSampleId :
TP-9

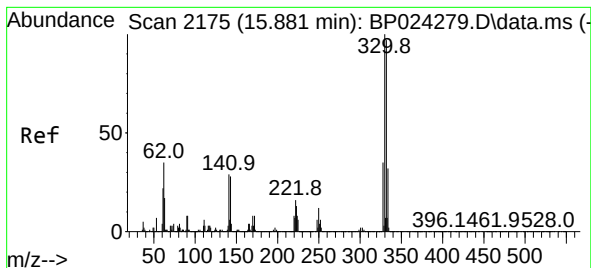
Tgt Ion: 82 Resp: 1315073
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 42.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

Tgt Ion:164 Resp: 418947
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 45.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 172.644 ng

RT: 15.875 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024361.D

Acq: 21 Apr 2025 14:15

Instrument :

BNA_P

ClientSampleId :

TP-9

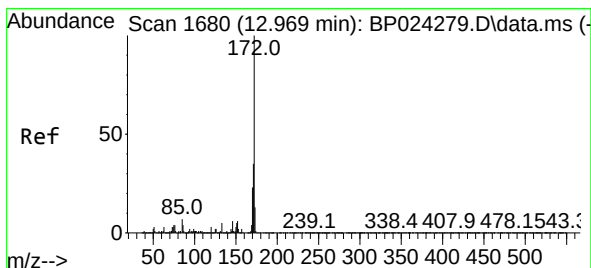
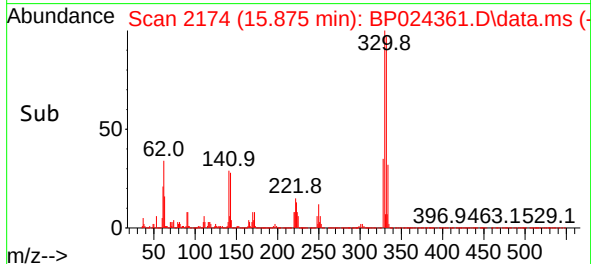
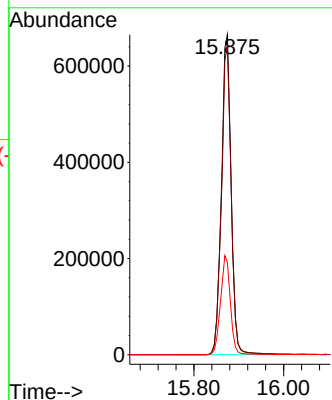
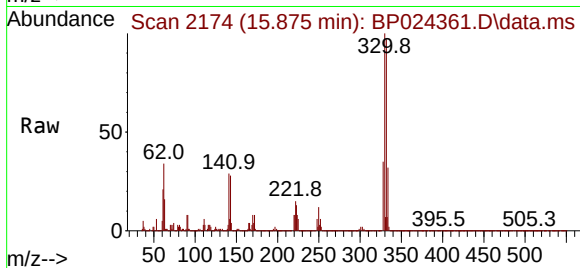
Tgt Ion:330 Resp: 1000708

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 31.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 100.600 ng

RT: 12.963 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BP024361.D

Acq: 21 Apr 2025 14:15

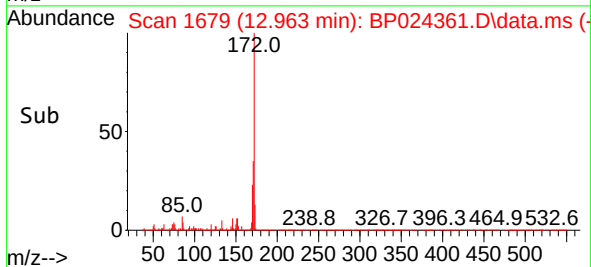
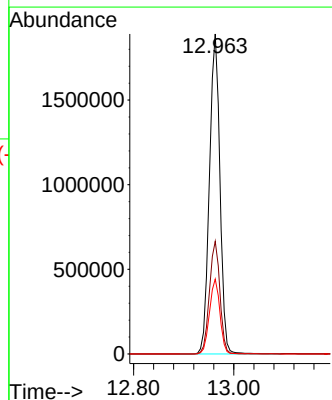
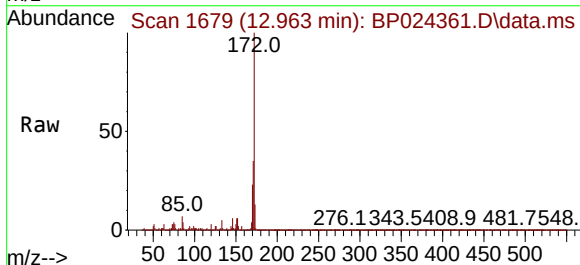
Tgt Ion:172 Resp: 2752653

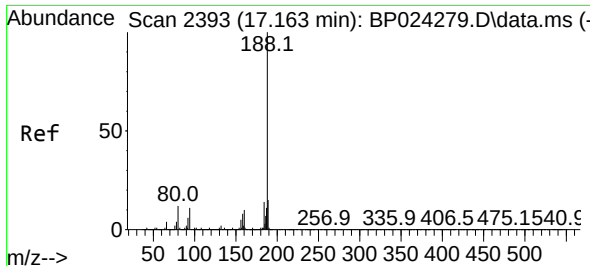
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.4 18.6 27.8

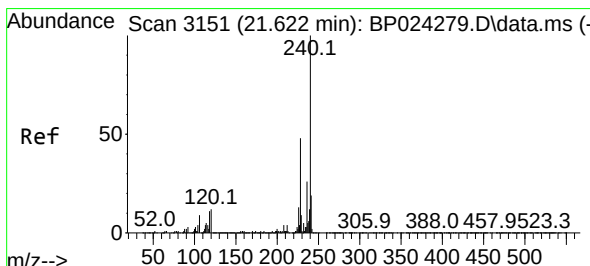
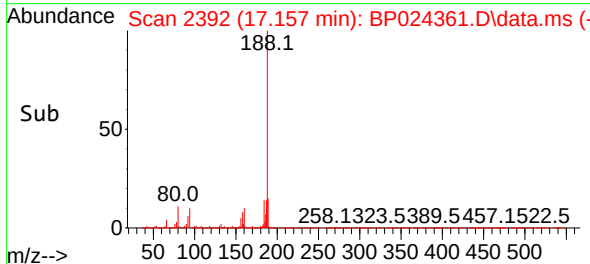
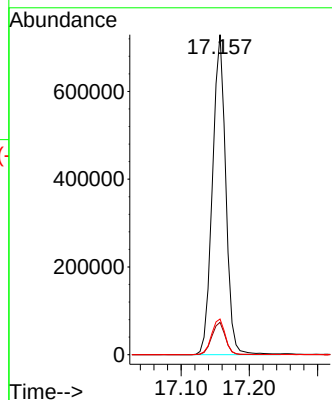
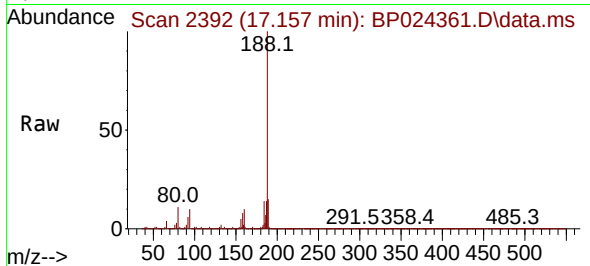




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

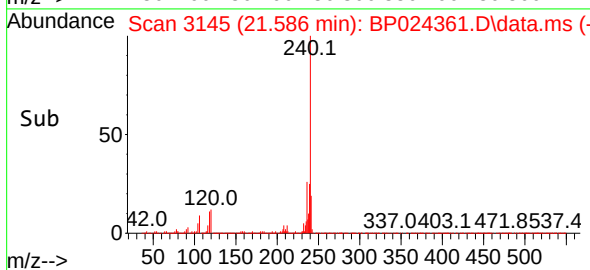
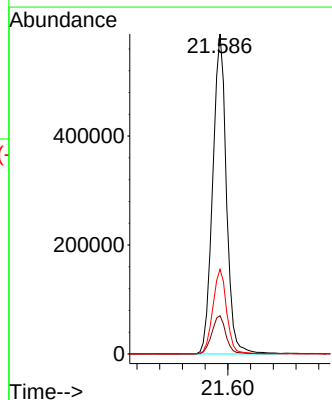
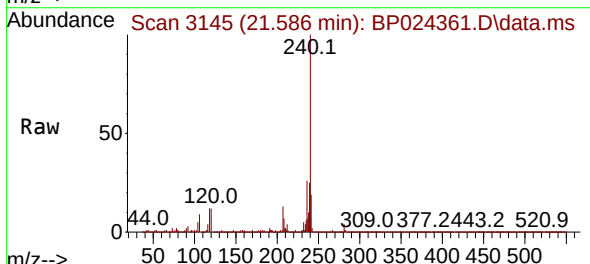
Instrument :
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TP-9

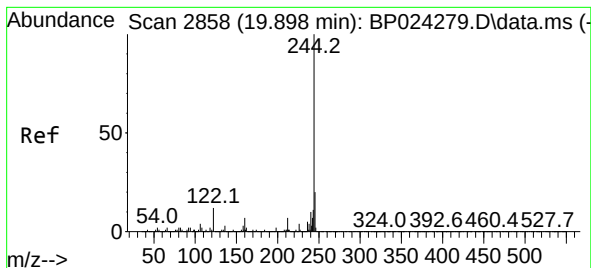
Tgt Ion:188 Resp: 993070
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 11.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024361.D
Acq: 21 Apr 2025 14:15

Tgt Ion:240 Resp: 976311
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.8
236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 110.709 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024361.D

Acq: 21 Apr 2025 14:15

Instrument :

BNA_P

ClientSampleId :

TP-9

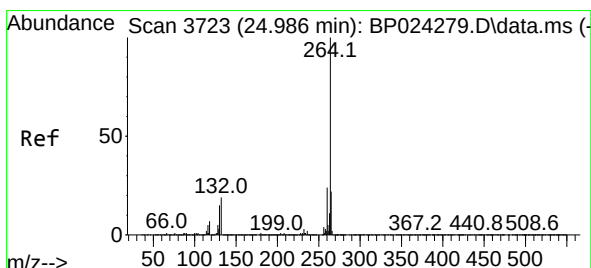
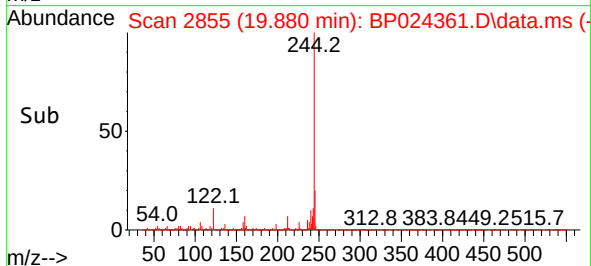
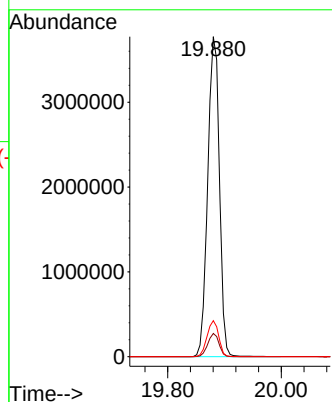
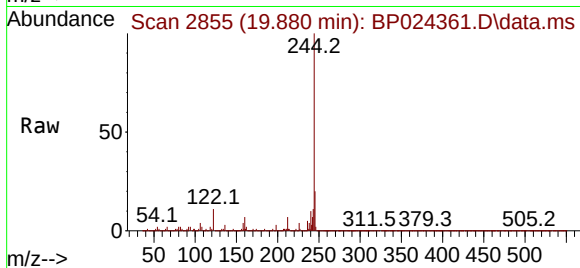
Tgt Ion:244 Resp: 5362399

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.3 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024361.D

Acq: 21 Apr 2025 14:15

Tgt Ion:264 Resp: 81230

Ion Ratio Lower Upper

264 100

260 40.6 18.9 28.3#

265 30.9 17.8 26.6#

