

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024260.D
 Acq On : 11 Apr 2025 10:23
 Operator : RC/JU
 Sample : PB167537BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167537BL

Quant Time: Apr 11 19:19:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	279458	20.000	ng	0.01
21) Naphthalene-d8	10.540	136	1100931	20.000	ng	0.01
39) Acenaphthene-d10	14.386	164	638188	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1225652	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1255527	20.000	ng	0.00
86) Perylene-d12	25.003	264	1409207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2704618	154.490	ng	0.02
7) Phenol-d6	6.946	99	3332016	142.326	ng	0.02
23) Nitrobenzene-d5	8.910	82	1999498	102.471	ng	0.02
42) 2,4,6-Tribromophenol	15.904	330	1311135	163.101	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4338513	100.241	ng	0.00
79) Terphenyl-d14	19.916	244	6507421	106.989	ng	0.00

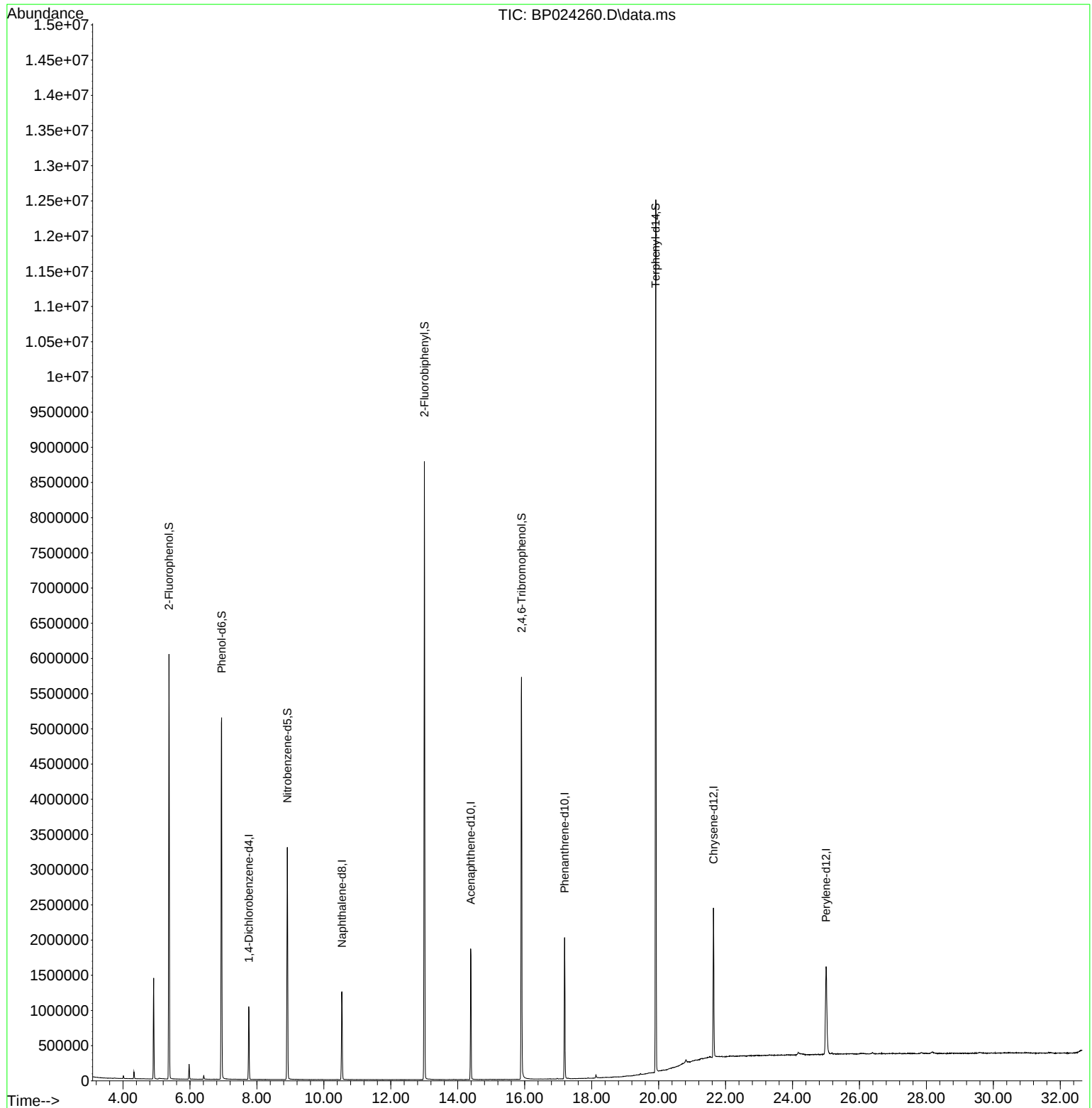
Target Compounds	Qvalue

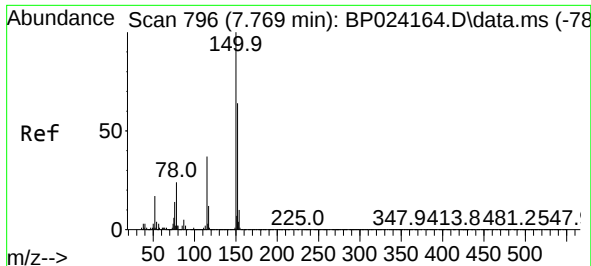
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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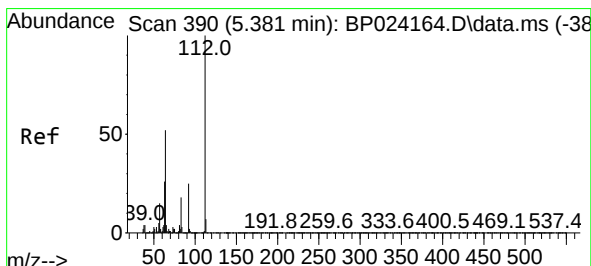
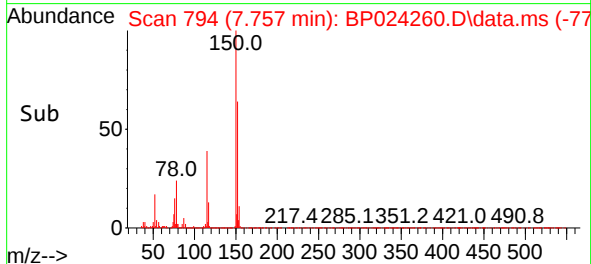
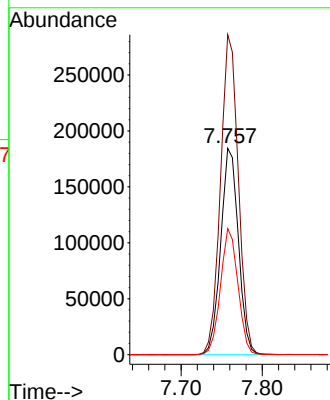
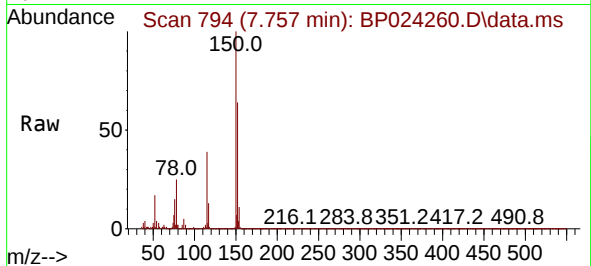




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.011 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

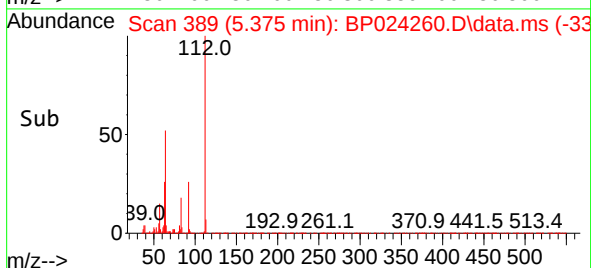
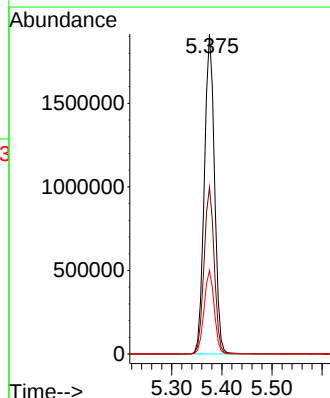
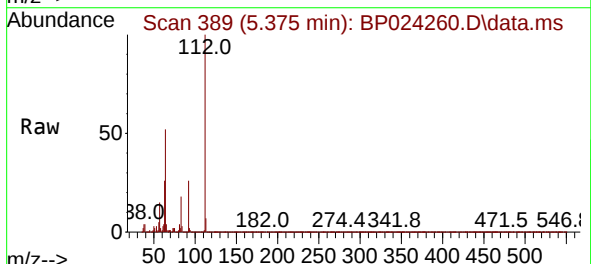
Instrument :
BNA_P
ClientSampleId :
PB167537BL

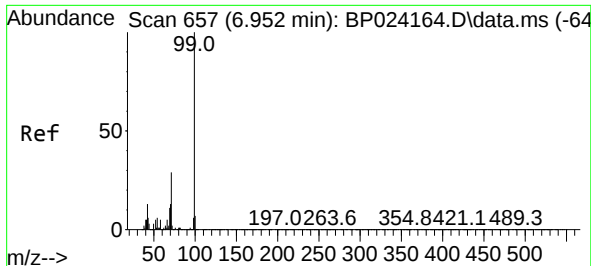
Tgt Ion:152 Resp: 279458
Ion Ratio Lower Upper
152 100
150 155.0 125.5 188.3
115 61.1 46.3 69.5



#5
2-Fluorophenol
Concen: 154.490 ng
RT: 5.375 min Scan# 389
Delta R.T. 0.018 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

Tgt Ion:112 Resp: 2704618
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 26.1 20.6 31.0

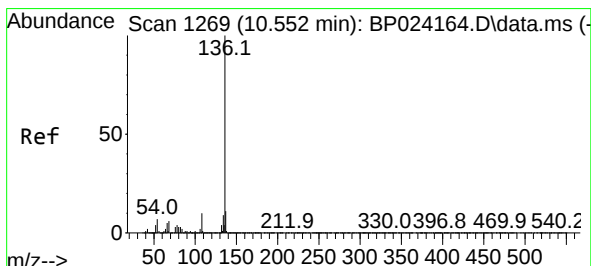
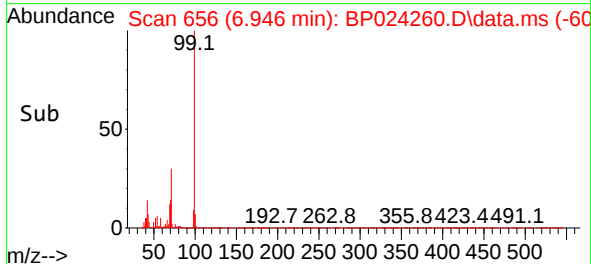
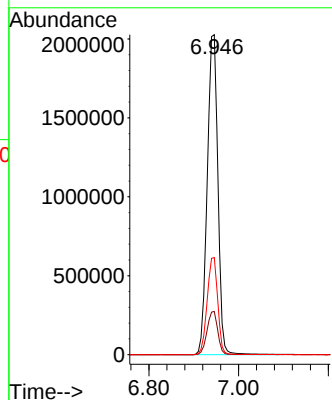
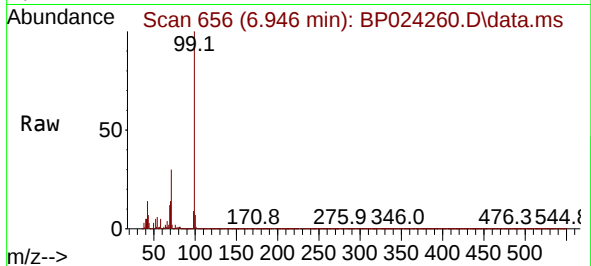




#7
Phenol-d6
Concen: 142.326 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

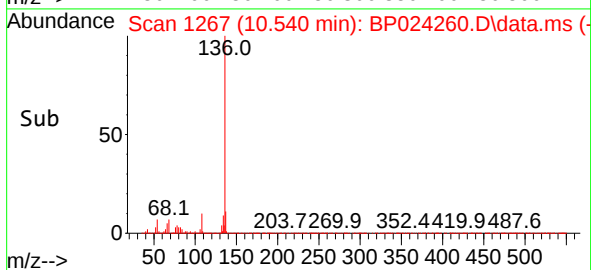
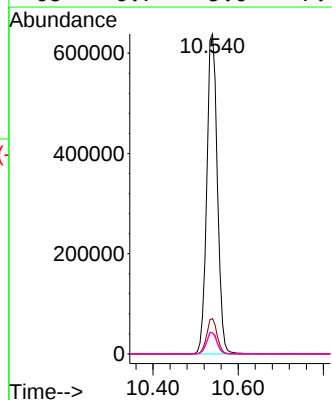
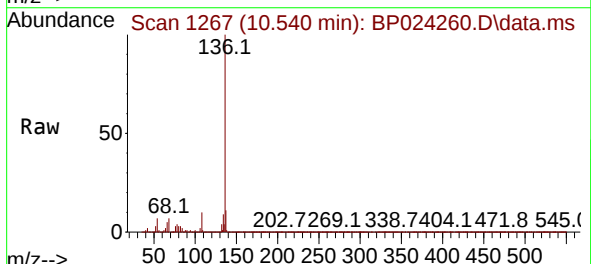
Instrument :
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ClientSampleId :
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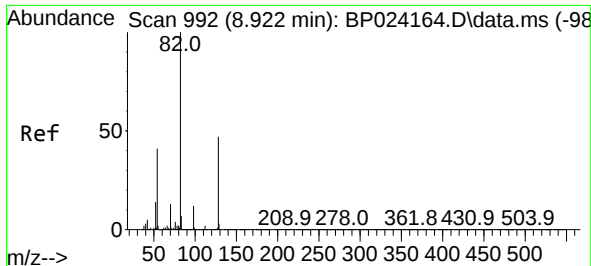
Tgt Ion: 99 Resp: 3332016
Ion Ratio Lower Upper
99 100
42 13.5 10.6 16.0
71 30.4 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. 0.012 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

Tgt Ion:136 Resp: 1100931
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.6 5.3 7.9
68 6.7 5.0 7.4

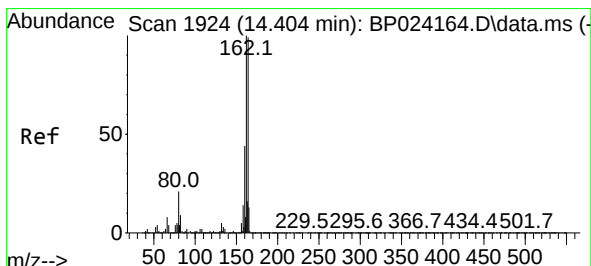
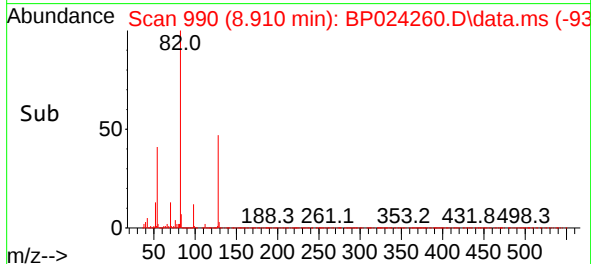
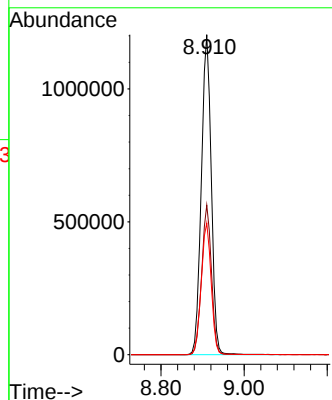
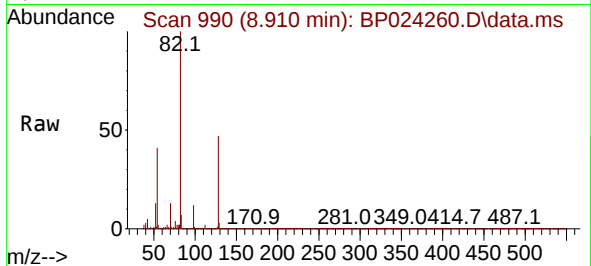




#23
Nitrobenzene-d5
Concen: 102.471 ng
RT: 8.910 min Scan# 992
Delta R.T. 0.018 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

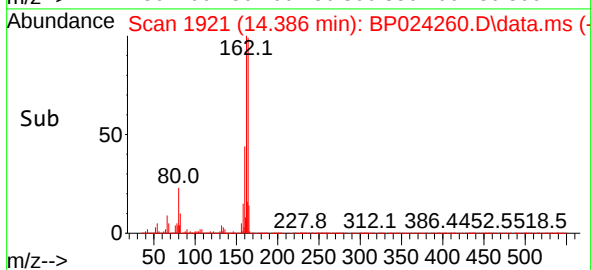
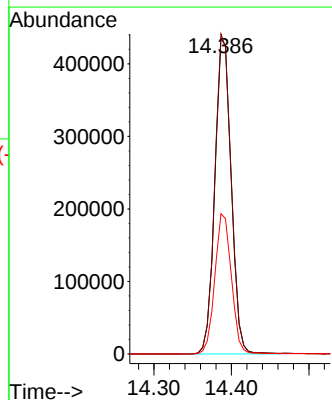
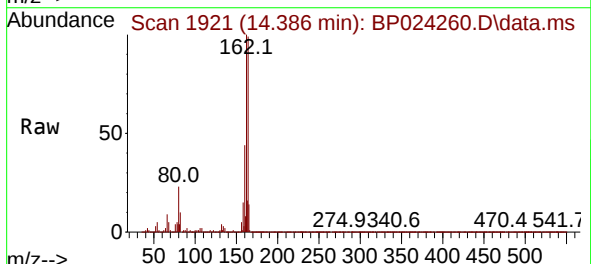
Instrument :
BNA_P
ClientSampleId :
PB167537BL

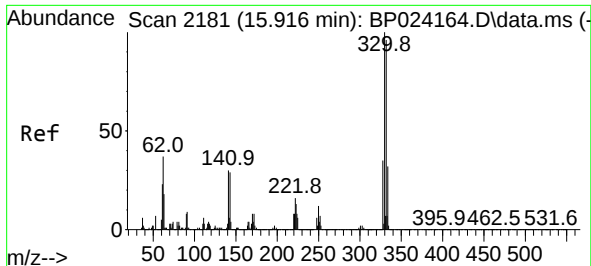
Tgt Ion: 82 Resp: 1999498
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.0
54 41.2 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

Tgt Ion:164 Resp: 638188
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 44.5 35.4 53.2

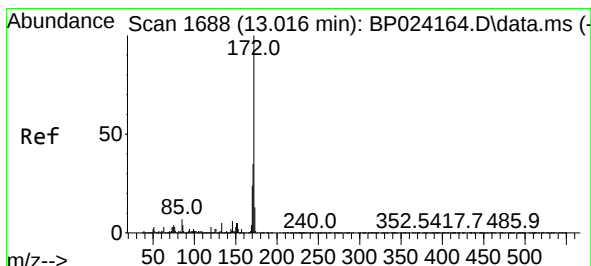
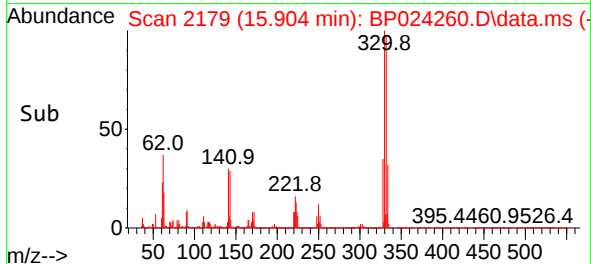
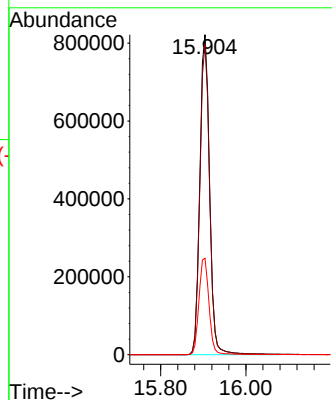
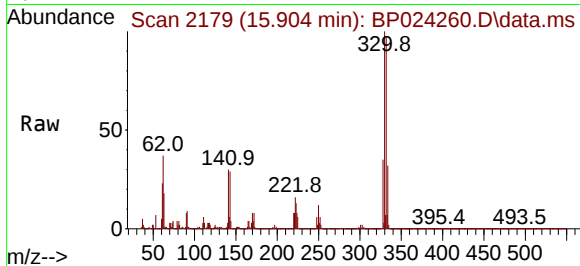




#42
2,4,6-Tribromophenol
Concen: 163.101 ng
RT: 15.904 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

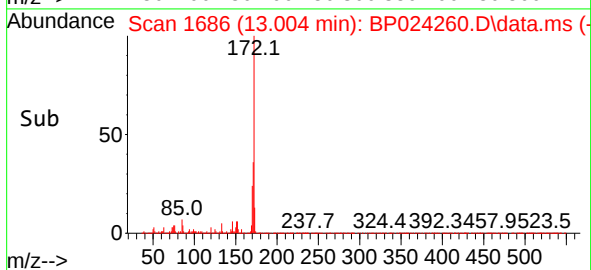
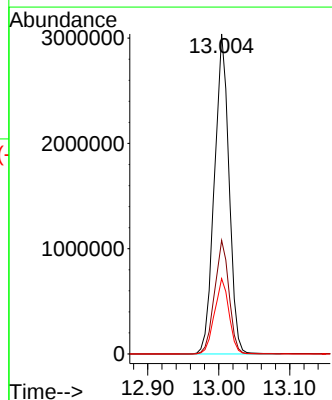
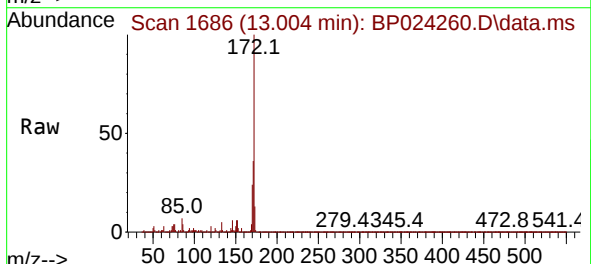
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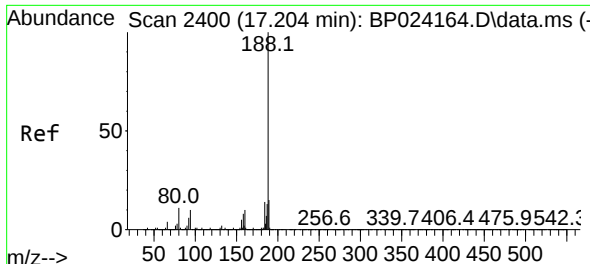
Tgt Ion:330 Resp: 1311135
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 30.9 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 100.241 ng
RT: 13.004 min Scan# 1686
Delta R.T. 0.006 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

Tgt Ion:172 Resp: 4338513
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 19.0 28.4

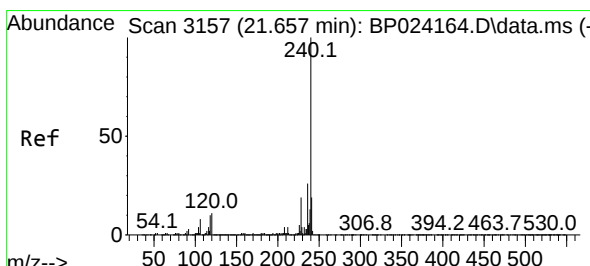
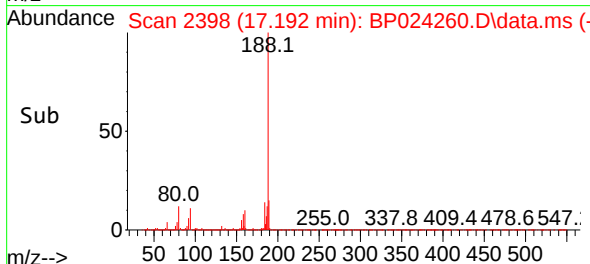
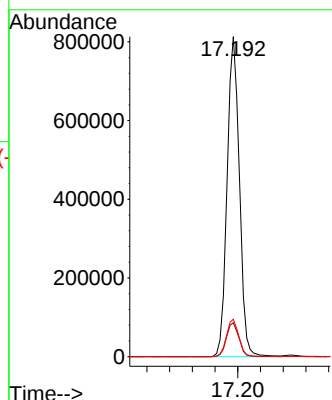
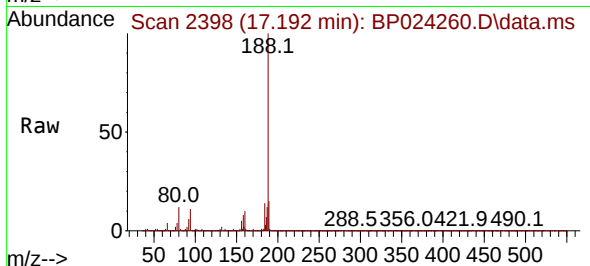




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

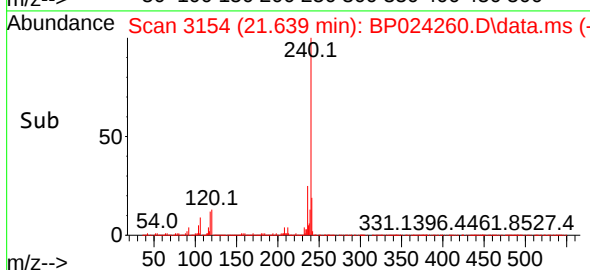
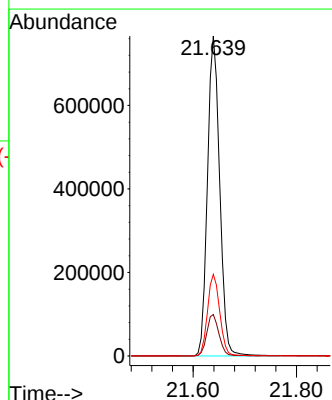
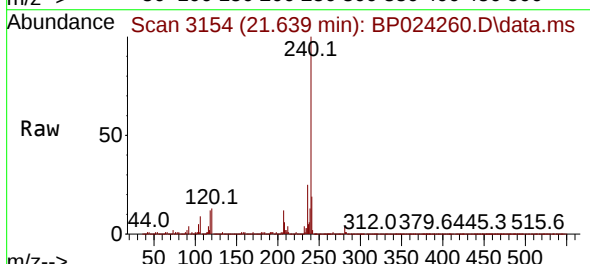
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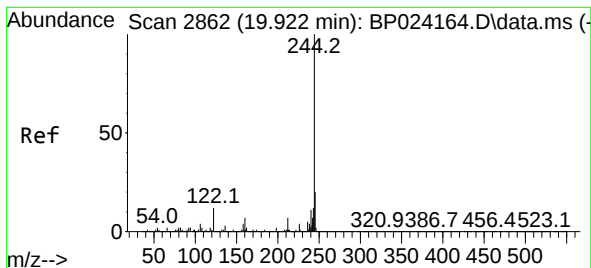
Tgt Ion:188 Resp: 1225652
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BP024260.D
Acq: 11 Apr 2025 10:23

Tgt Ion:240 Resp: 1255527
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 106.989 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024260.D

Acq: 11 Apr 2025 10:23

Instrument :

BNA_P

ClientSampleId :

PB167537BL

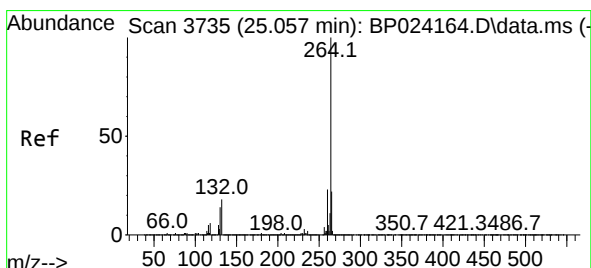
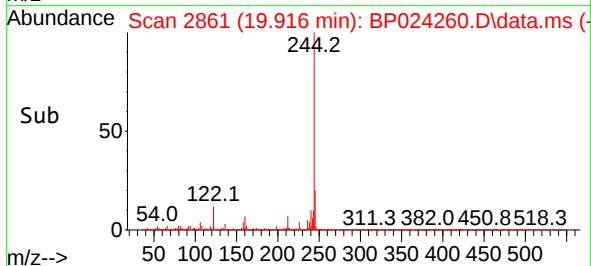
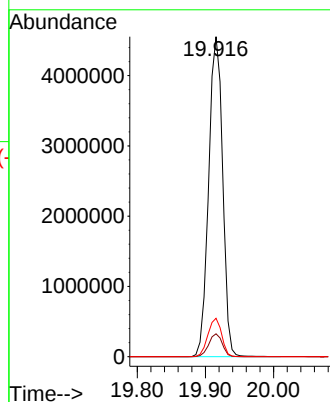
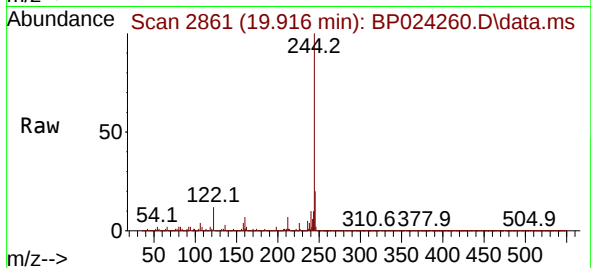
Tgt Ion:244 Resp: 6507421

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.003 min Scan# 3726

Delta R.T. -0.006 min

Lab File: BP024260.D

Acq: 11 Apr 2025 10:23

Tgt Ion:264 Resp: 1409207

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.1 17.7 26.5

