

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024704.D
 Acq On : 20 May 2025 12:33
 Operator : RC/JU
 Sample : PB168052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168052BL

Quant Time: May 20 13:05:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	128612	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	471746	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	278297	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	578330	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	678376	20.000	ng	0.00
86) Perylene-d12	24.798	264	779891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1015156	135.002	ng	0.00
7) Phenol-d6	6.863	99	1178271	122.775	ng	0.01
23) Nitrobenzene-d5	8.804	82	747015	80.009	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	696273	147.580	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1719877	80.966	ng	0.00
79) Terphenyl-d14	19.810	244	3509752	88.714	ng	0.00

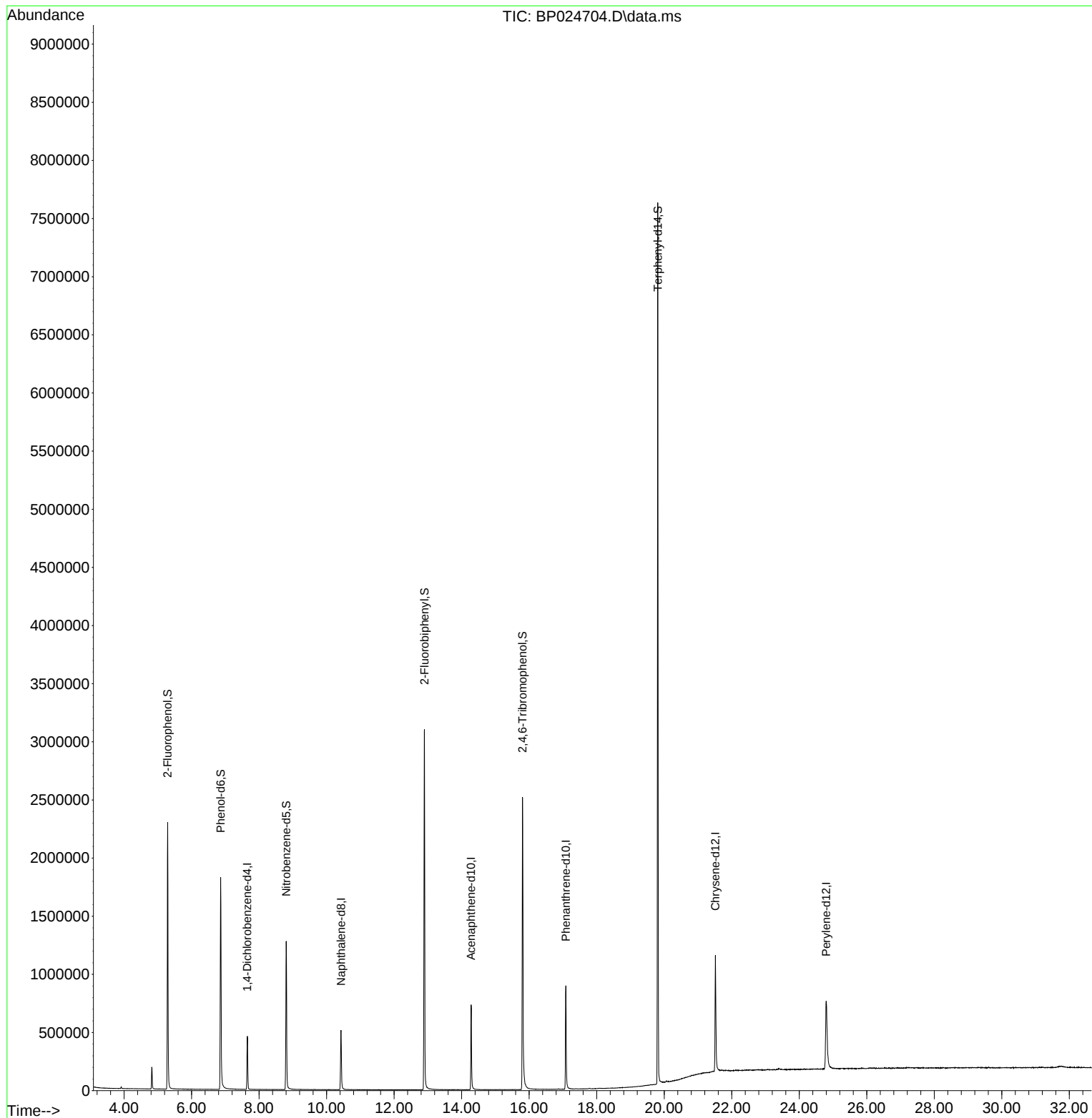
Target Compounds	Qvalue

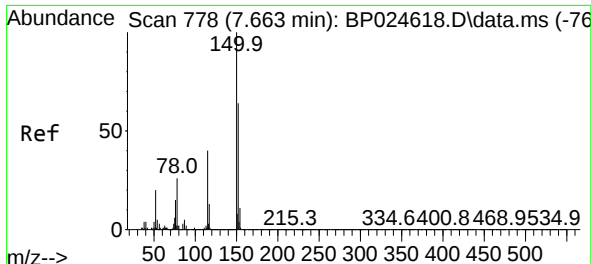
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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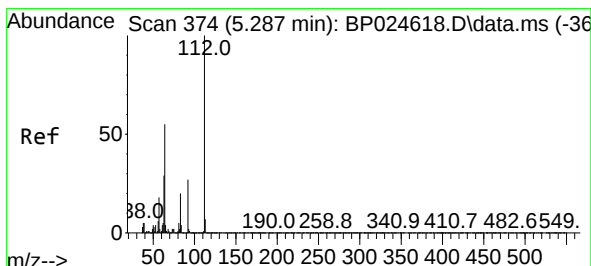
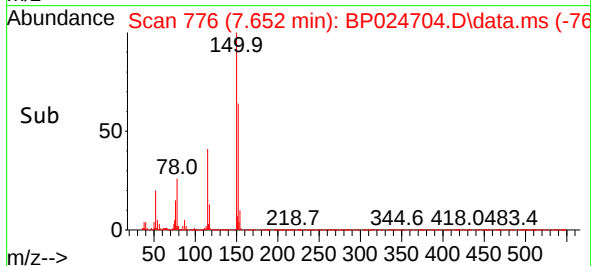
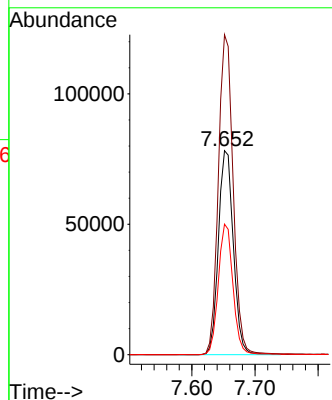
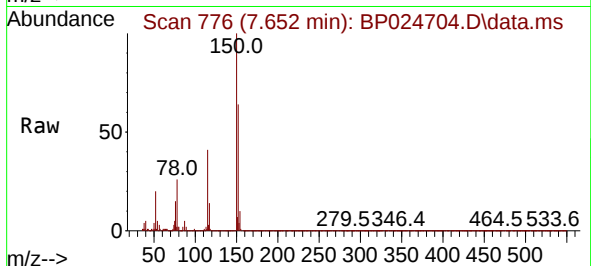




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

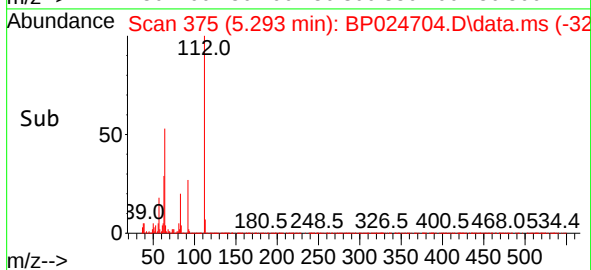
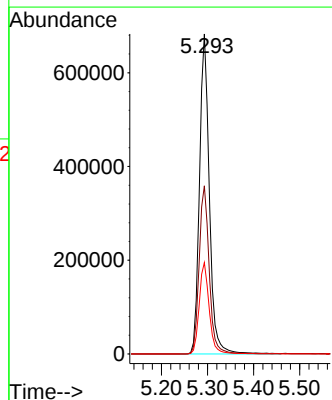
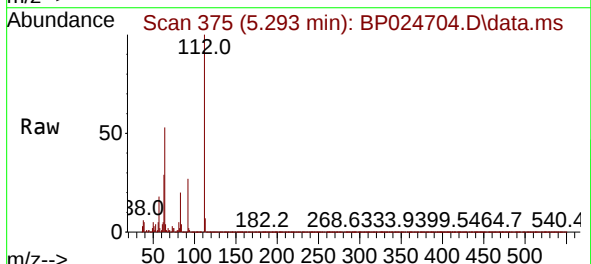
Instrument :
BNA_P
ClientSampleId :
PB168052BL

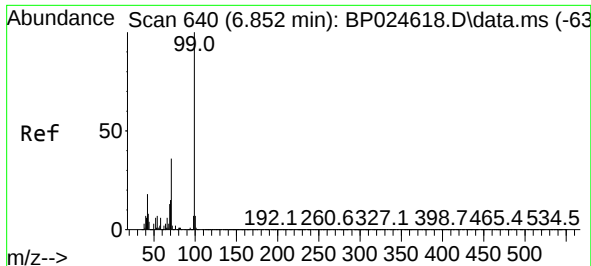
Tgt Ion:152 Resp: 128612
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 64.0 50.1 75.1



#5
2-Fluorophenol
Concen: 135.002 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

Tgt Ion:112 Resp: 1015156
Ion Ratio Lower Upper
112 100
64 52.5 44.1 66.1
63 28.6 23.5 35.3



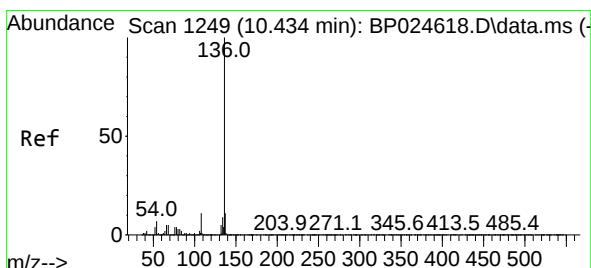
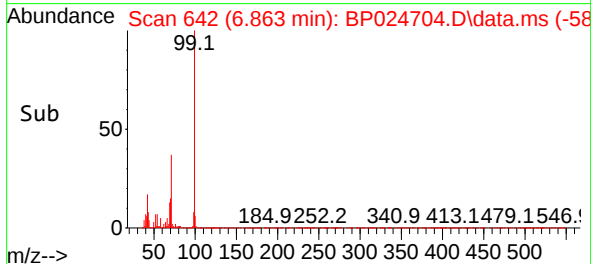
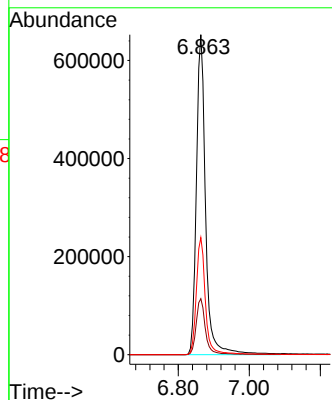
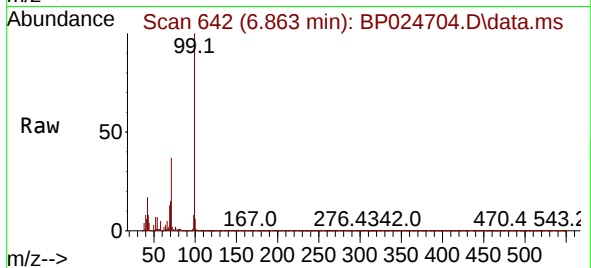


#7
Phenol-d6
Concen: 122.775 ng
RT: 6.863 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

Instrument :
BNA_P
ClientSampleId :
PB168052BL

Tgt Ion: 99 Resp: 1178271

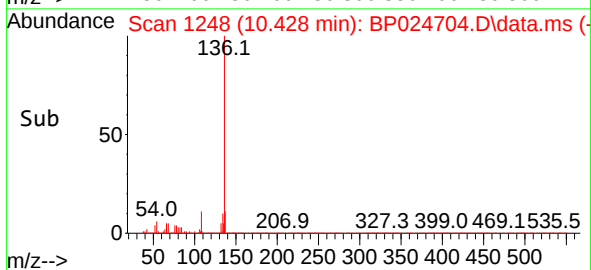
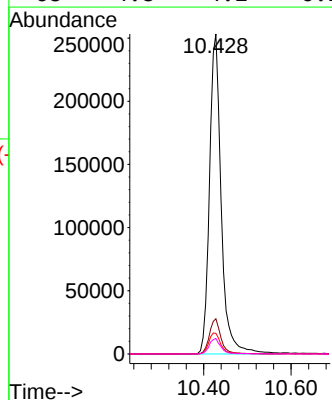
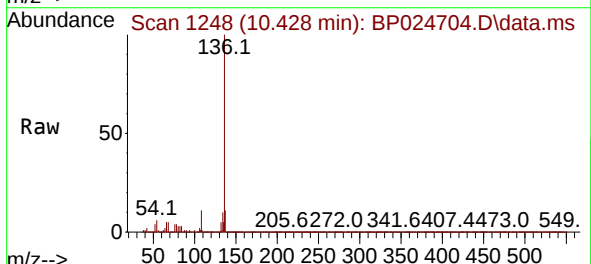
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.4	21.6
71	36.6	29.2	43.8

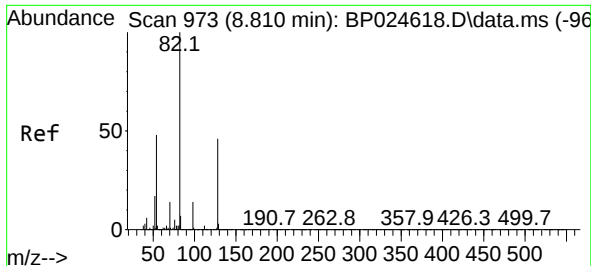


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

Tgt Ion: 136 Resp: 471746

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.5	8.3
68	4.8	4.2	6.2

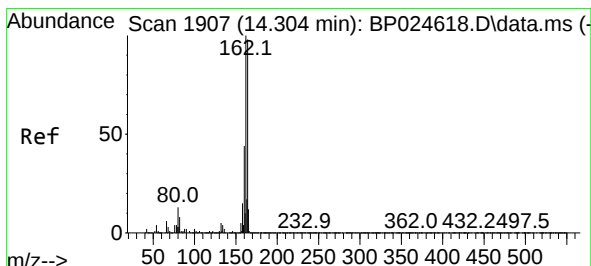
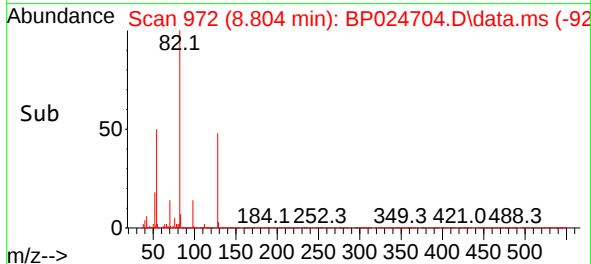
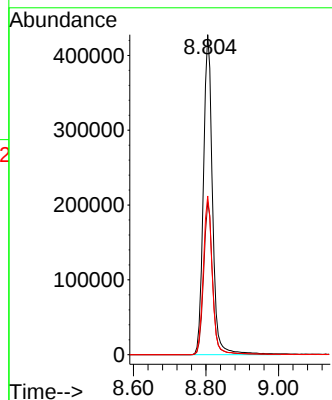
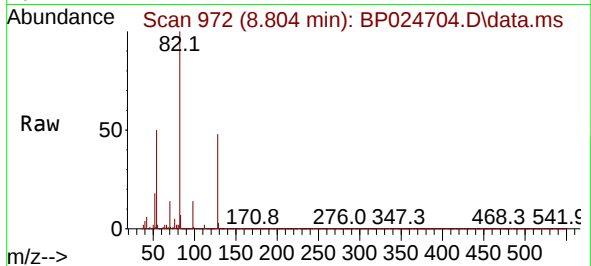




#23
Nitrobenzene-d5
Concen: 80.009 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

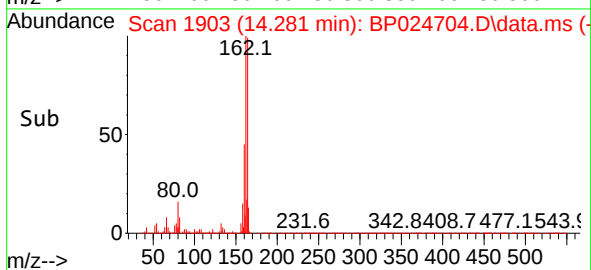
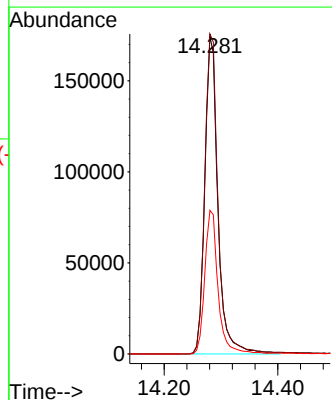
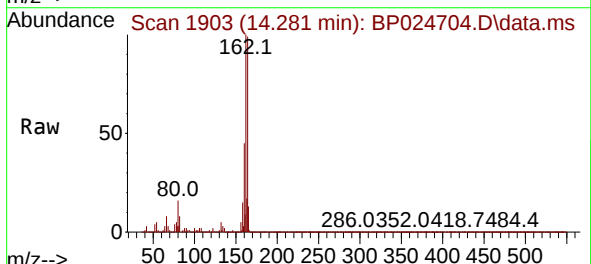
Instrument :
BNA_P
ClientSampleId :
PB168052BL

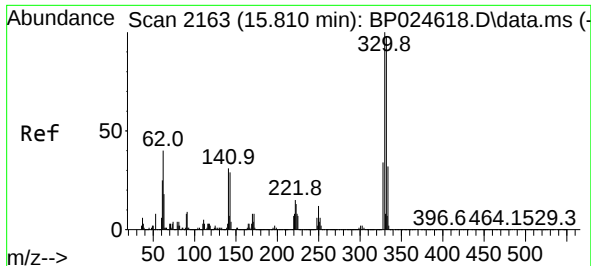
Tgt Ion: 82 Resp: 747015
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 49.6 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

Tgt Ion:164 Resp: 278297
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 45.2 36.3 54.5

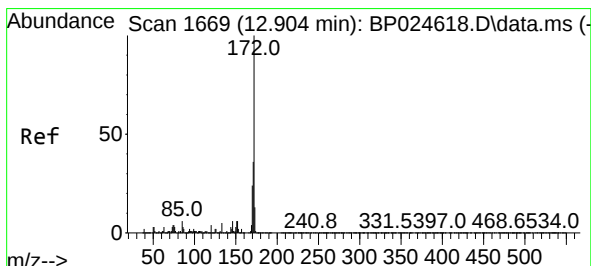
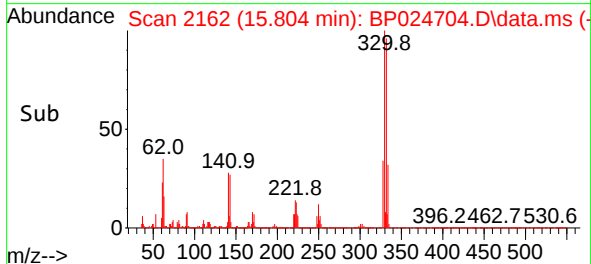
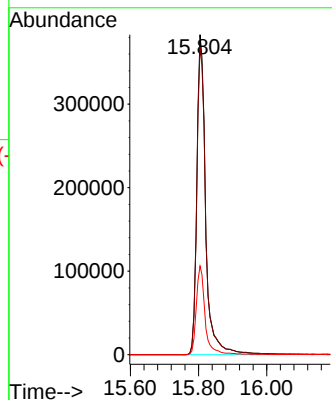
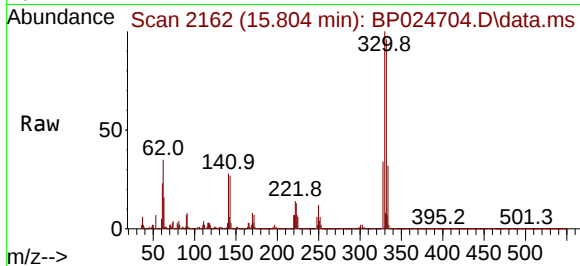




#42
2,4,6-Tribromophenol
Concen: 147.580 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

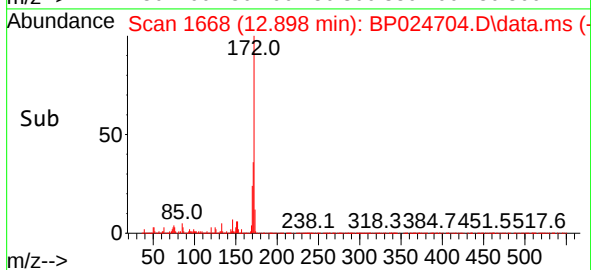
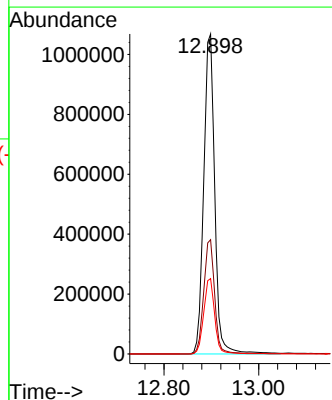
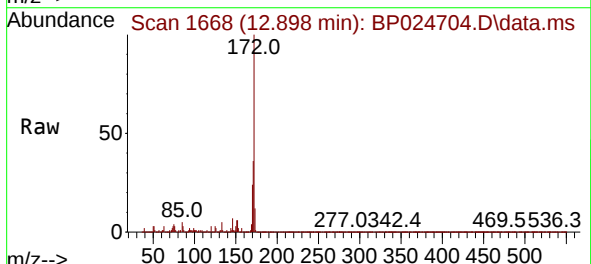
Instrument :
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ClientSampleId :
PB168052BL

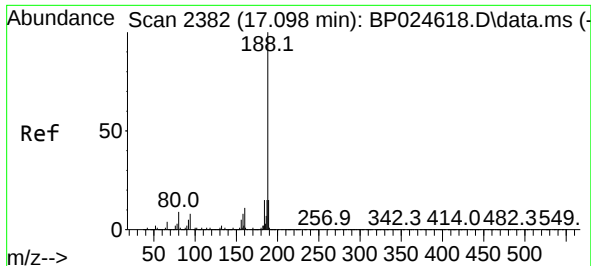
Tgt Ion:330 Resp: 696273
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 27.5 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 80.966 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

Tgt Ion:172 Resp: 1719877
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 18.8 28.2

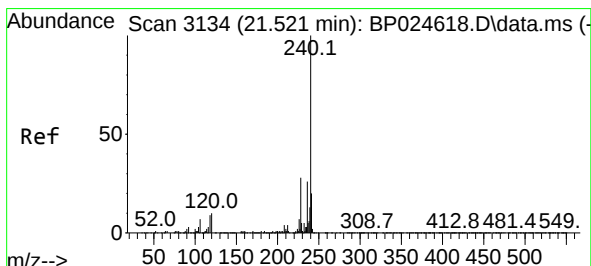
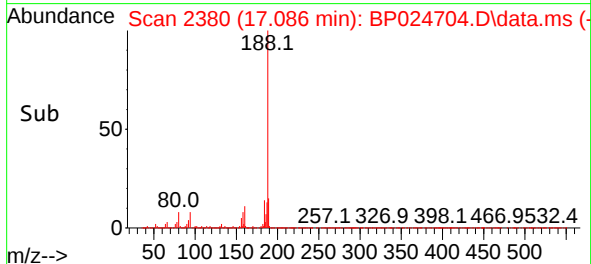
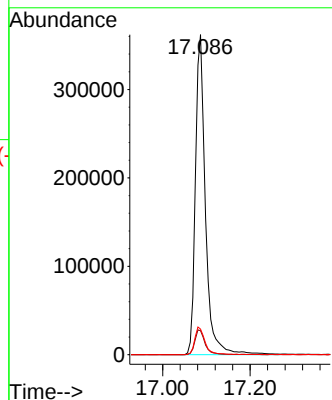
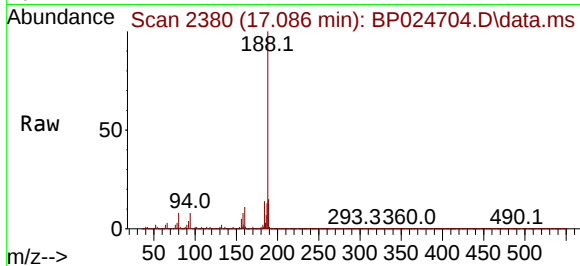




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

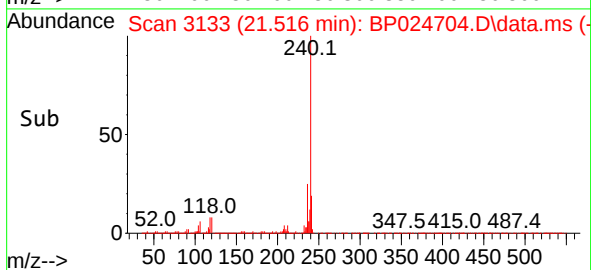
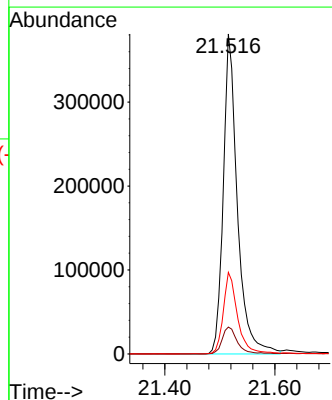
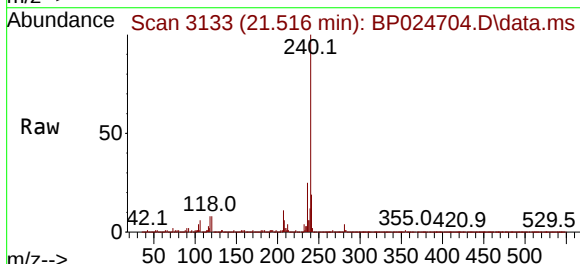
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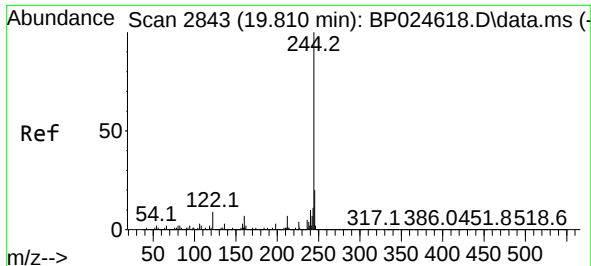
Tgt Ion:188 Resp: 578330
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024704.D
Acq: 20 May 2025 12:33

Tgt Ion:240 Resp: 678376
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.5 20.6 31.0

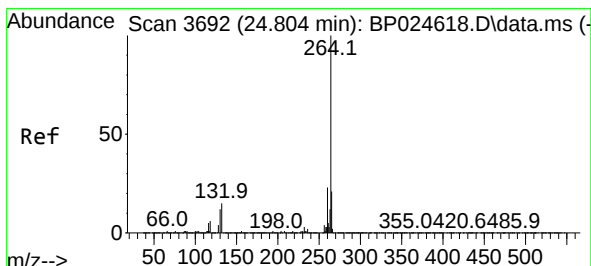
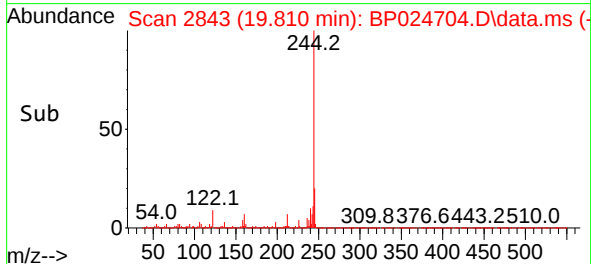
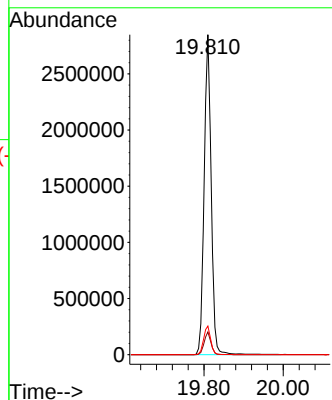
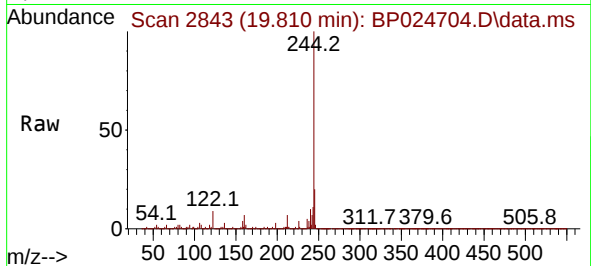




#79
 Terphenyl-d14
 Concen: 88.714 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024704.D
 Acq: 20 May 2025 12:33

Instrument :
 BNA_P
 ClientSampleId :
 PB168052BL

Tgt Ion:244 Resp: 3509752
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.9 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3691
 Delta R.T. -0.006 min
 Lab File: BP024704.D
 Acq: 20 May 2025 12:33

Tgt Ion:264 Resp: 779891
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.4 17.0 25.6

