

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
 Data File : BP024612.D
 Acq On : 12 May 2025 22:47
 Operator : RC/JU
 Sample : PB167917TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167917TB

Quant Time: May 13 04:13:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 03:56:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	131162	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	512693	20.00	ng	0.00
39) Acenaphthene-d10	14.293	164	323680	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	671677	20.00	ng	0.00
76) Chrysene-d12	21.504	240	803272	20.00	ng	0.00
86) Perylene-d12	24.786	264	911338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1135191	152.93	ng	0.00
7) Phenol-d6	6.858	99	1384595	141.82	ng	0.00
23) Nitrobenzene-d5	8.816	82	850303	95.33	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	800747	150.95	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1973598	91.21	ng	0.00
79) Terphenyl-d14	19.810	244	4121245	100.44	ng	0.00

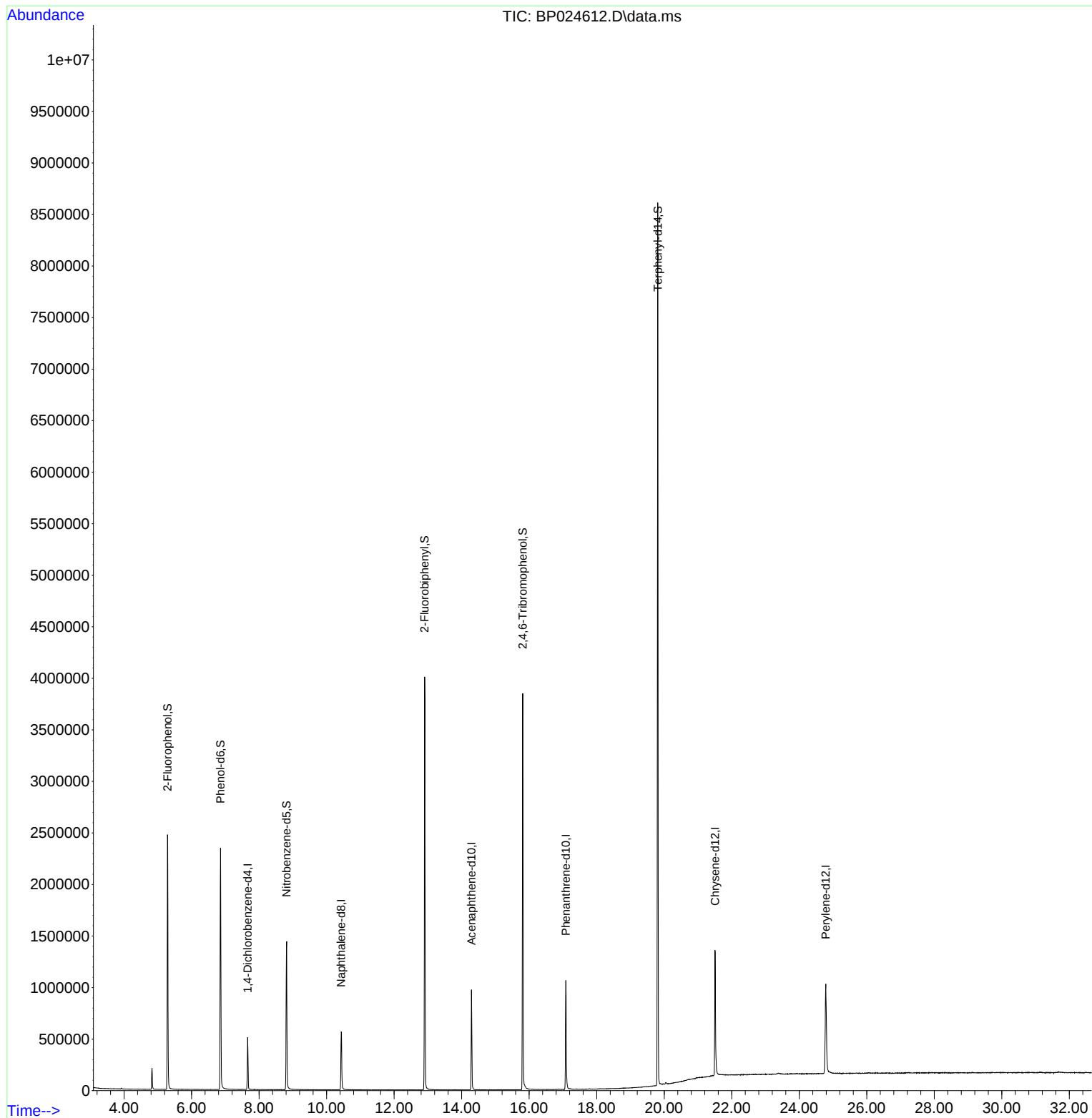
Target Compounds	Qvalue

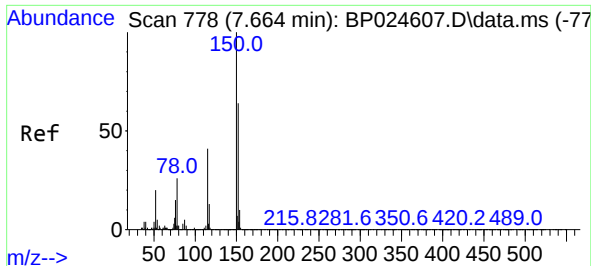
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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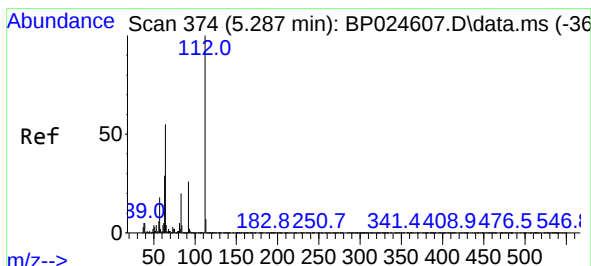
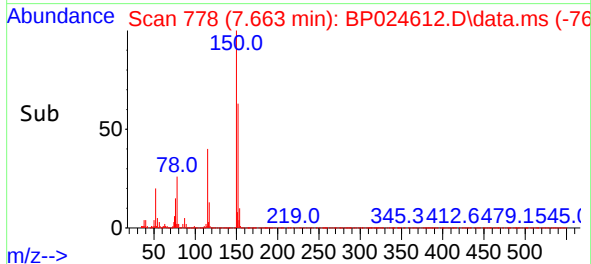
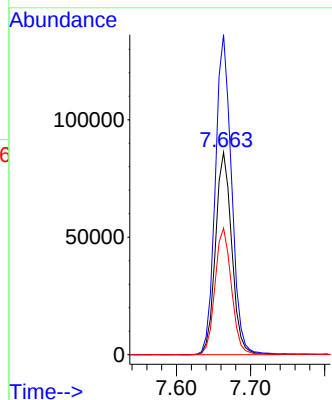
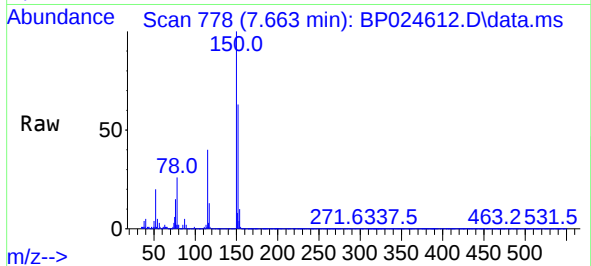




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. -0.001 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

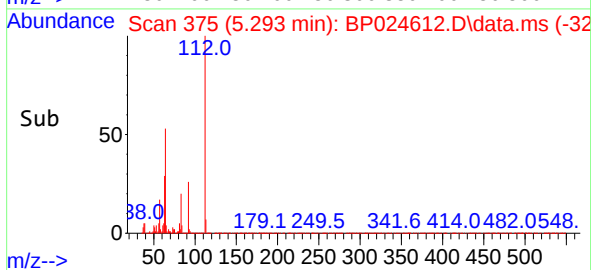
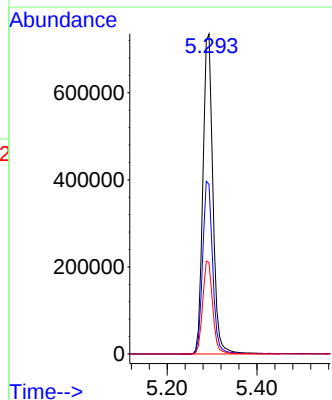
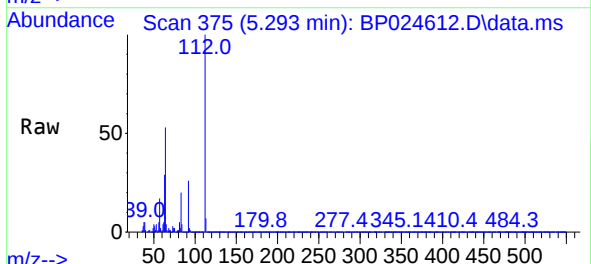
Instrument :
BNA_P
ClientSampleId :
PB167917TB

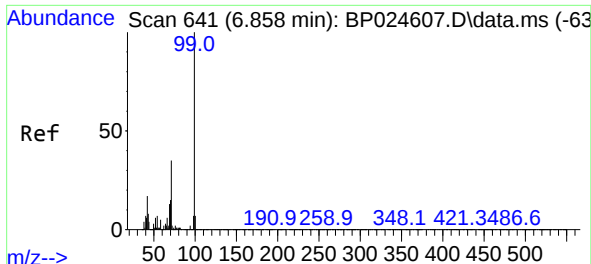
Tgt Ion:152 Resp: 131162
Ion Ratio Lower Upper
152 100
150 158.1 125.2 187.8
115 62.6 51.0 76.6



#5
2-Fluorophenol
Concen: 152.93 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:112 Resp: 1135191
Ion Ratio Lower Upper
112 100
64 53.0 44.3 66.5
63 28.6 23.4 35.0

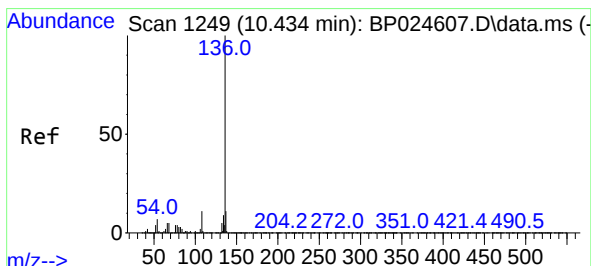
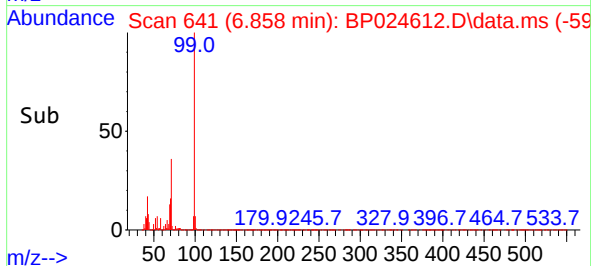
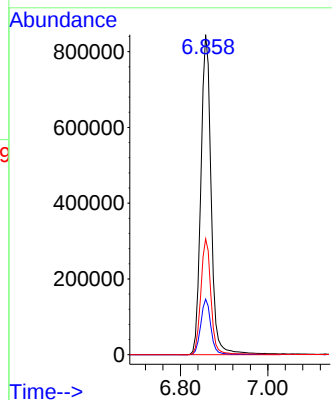
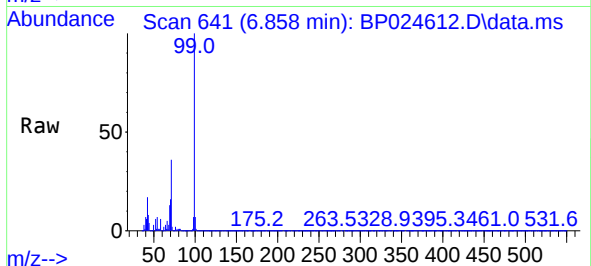




#7
Phenol-d6
Concen: 141.82 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

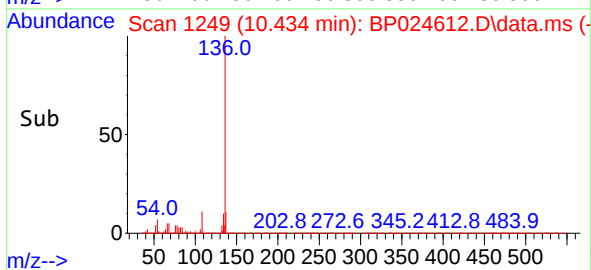
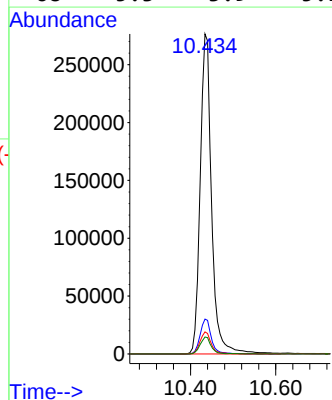
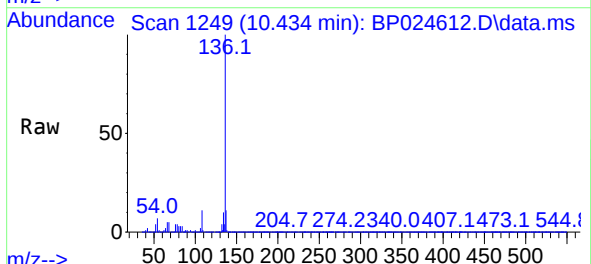
Instrument :
BNA_P
ClientSampleId :
PB167917TB

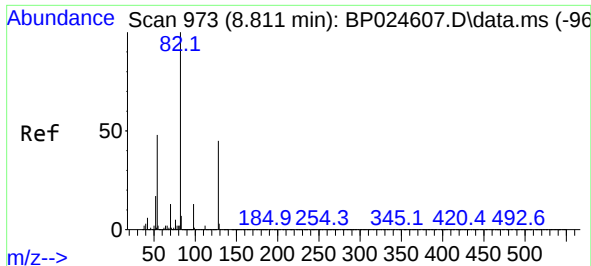
Tgt Ion: 99 Resp: 1384595
Ion Ratio Lower Upper
99 100
42 17.3 13.5 20.3
71 36.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion: 136 Resp: 512693
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.9 5.8 8.6
68 5.3 3.9 5.9

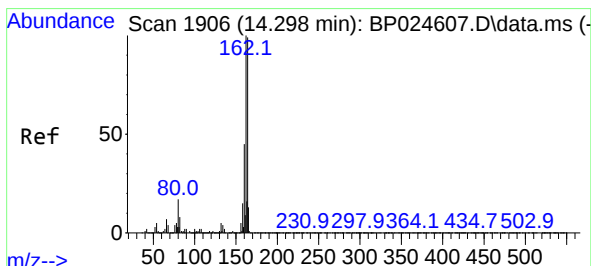
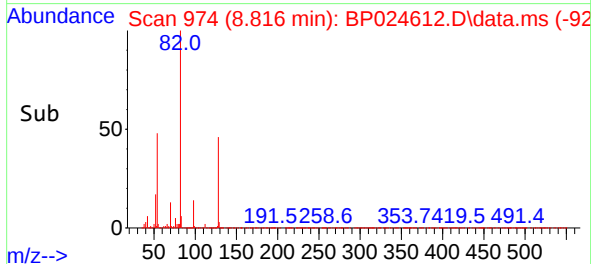
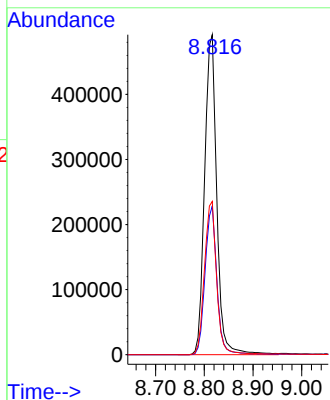
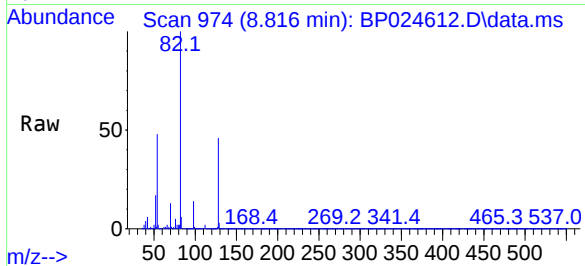




#23
Nitrobenzene-d5
Concen: 95.33 ng
RT: 8.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

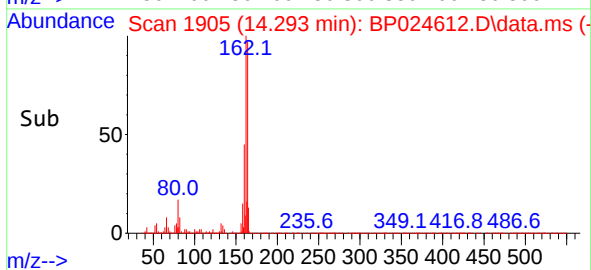
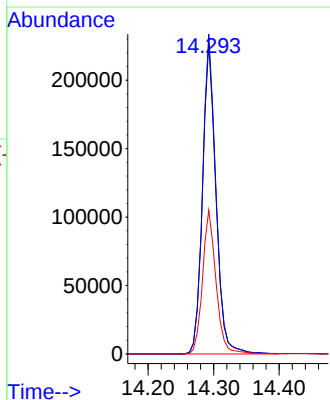
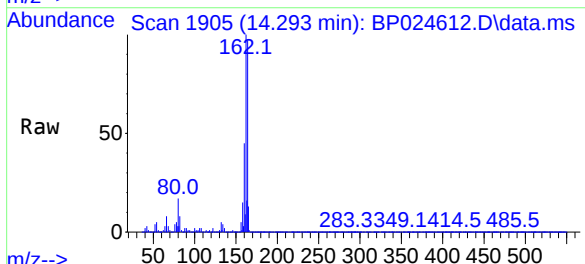
Instrument :
BNA_P
ClientSampleId :
PB167917TB

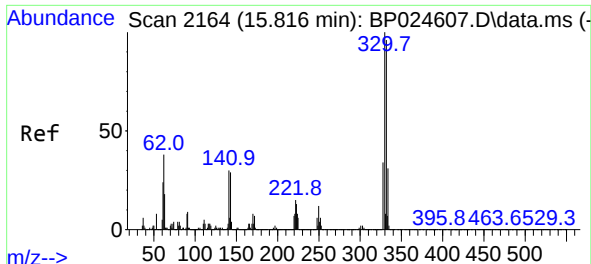
Tgt Ion: 82 Resp: 850303
Ion Ratio Lower Upper
82 100
128 46.5 36.2 54.2
54 47.9 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion: 164 Resp: 323680
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 46.3 36.2 54.2

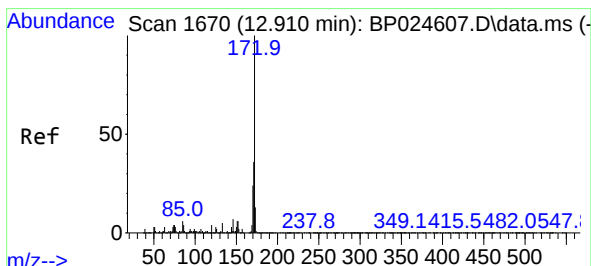
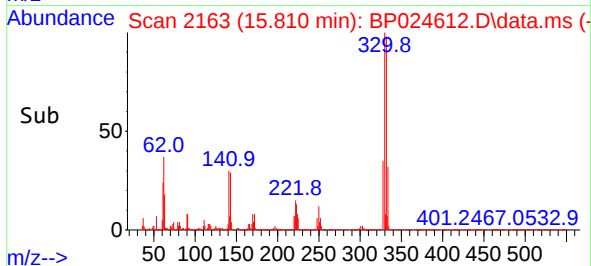
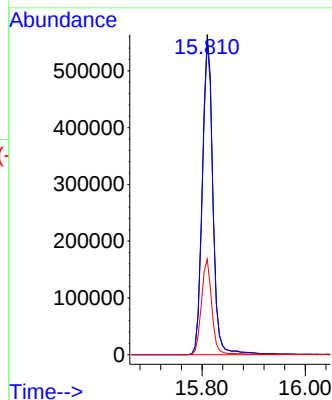
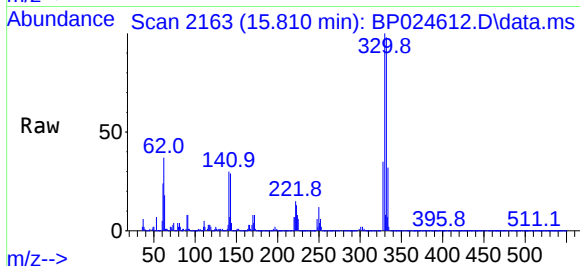




#42
2,4,6-Tribromophenol
Concen: 150.95 ng
RT: 15.810 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

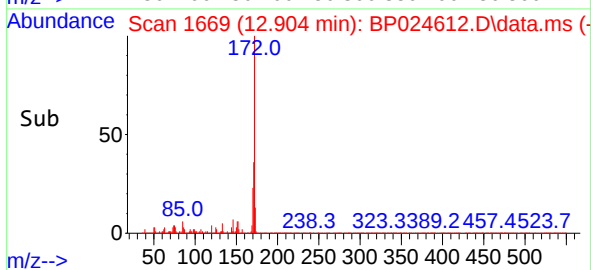
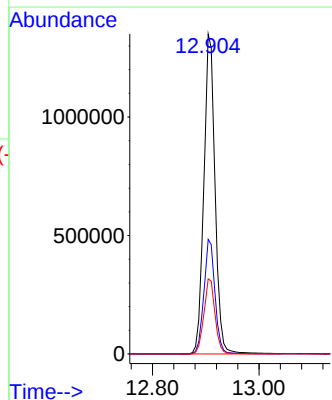
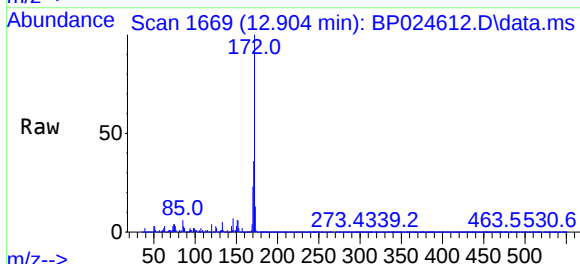
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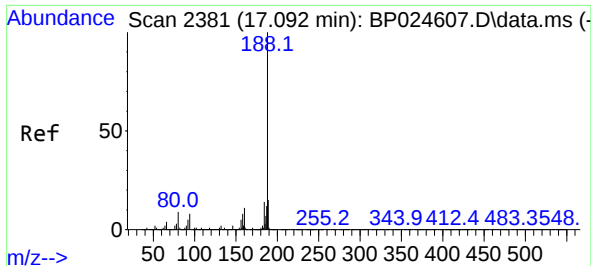
Tgt Ion:330 Resp: 800747
Ion Ratio Lower Upper
330 100
332 97.4 77.9 116.9
141 29.5 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 91.21 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:172 Resp: 1973598
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.5 19.0 28.4

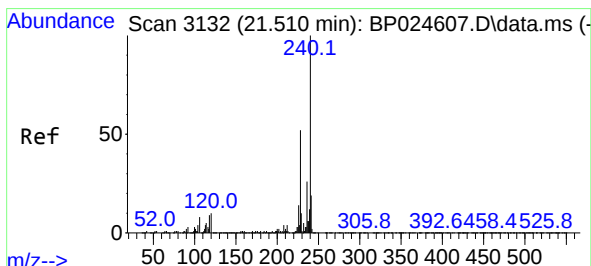
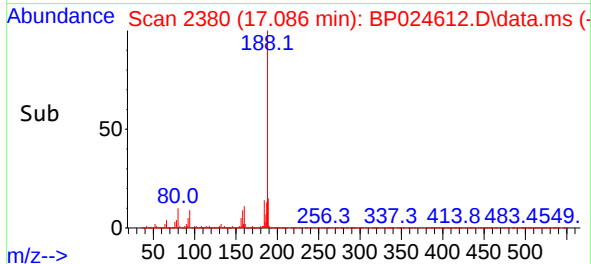
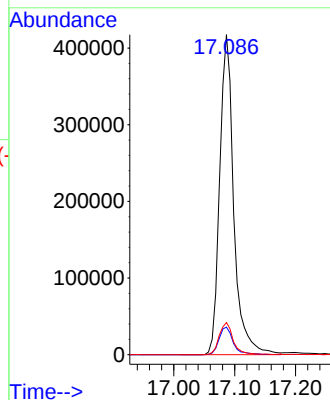
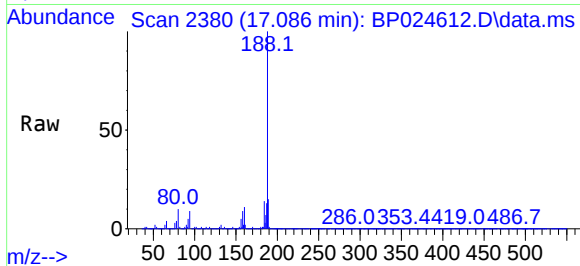




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

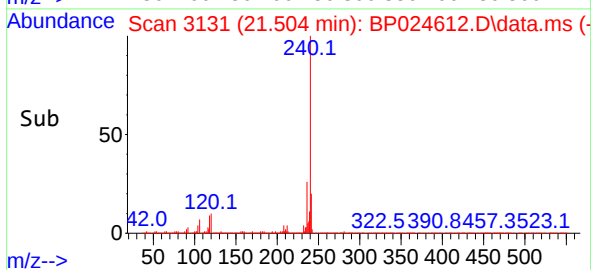
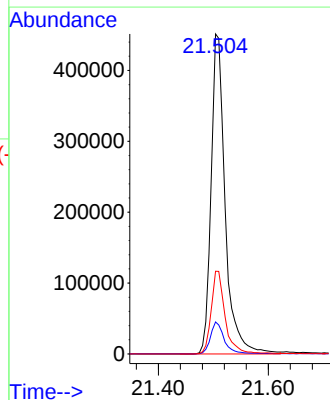
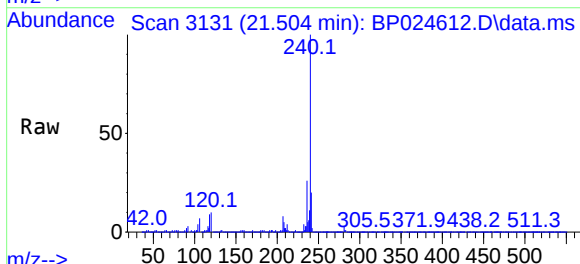
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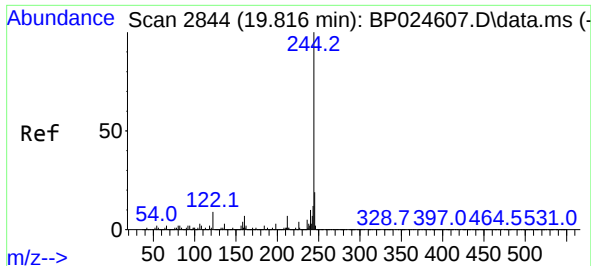
Tgt Ion:188 Resp: 671677
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 10.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:240 Resp: 803272
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.9 20.8 31.2

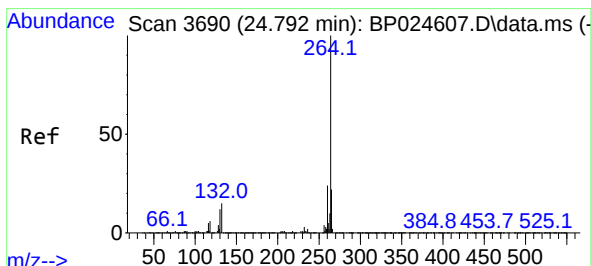
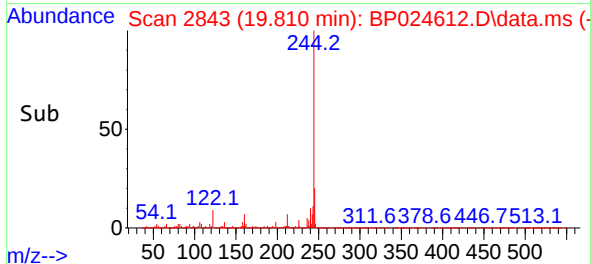
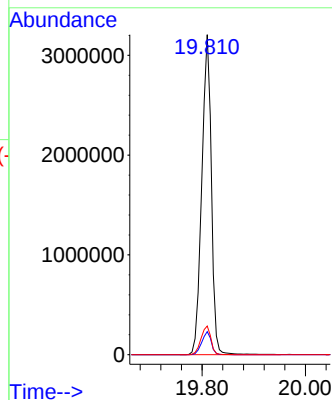
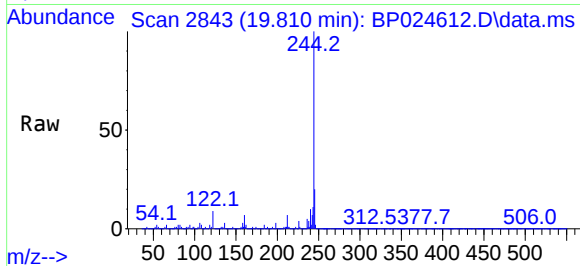




#79
Terphenyl-d14
Concen: 100.44 ng
RT: 19.810 min Scan# 244
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Instrument :
BNA_P
ClientSampleId :
PB167917TB

Tgt Ion:244 Resp: 4121245
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.786 min Scan# 3689
Delta R.T. -0.006 min
Lab File: BP024612.D
Acq: 12 May 2025 22:47

Tgt Ion:264 Resp: 911338
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.1 17.8 26.6

