

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024780.D
 Acq On : 23 May 2025 05:56
 Operator : RC/JU
 Sample : Q2084-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66

Quant Time: May 23 06:16:23 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	100350	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	386169	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	251641	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	568072	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	667960	20.000	ng	-0.01
86) Perylene-d12	24.798	264	761878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	729074	124.264	ng	0.00
7) Phenol-d6	6.852	99	768242	102.595	ng	0.00
23) Nitrobenzene-d5	8.805	82	575942	75.356	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	748965	175.564	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1561822	81.313	ng	-0.01
79) Terphenyl-d14	19.798	244	3417471	87.729	ng	-0.01

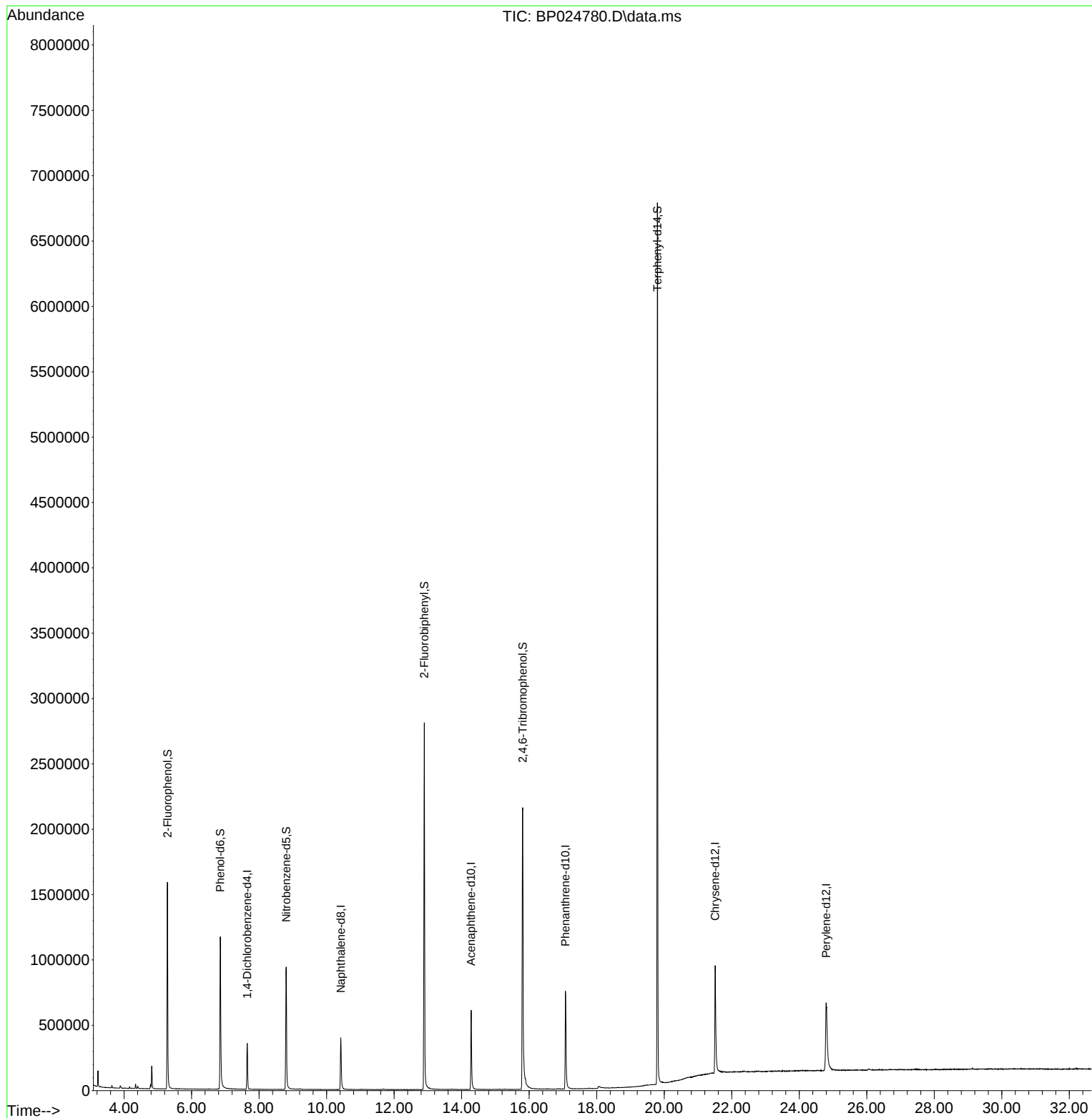
Target Compounds	Qvalue

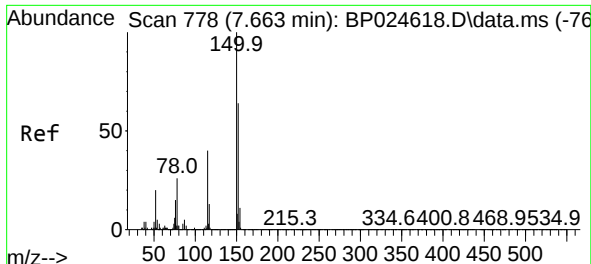
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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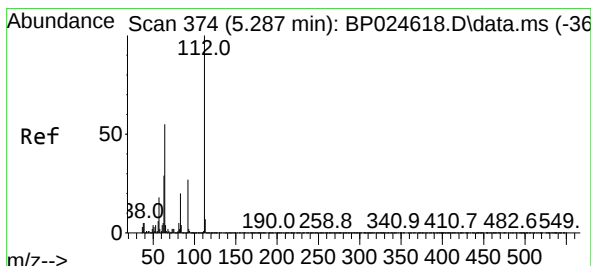
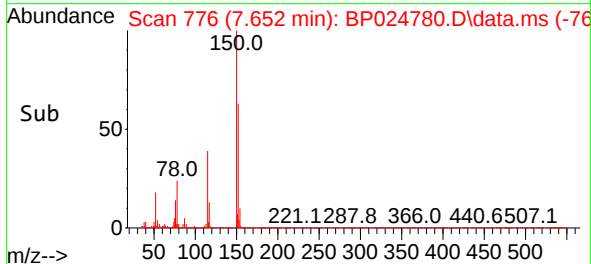
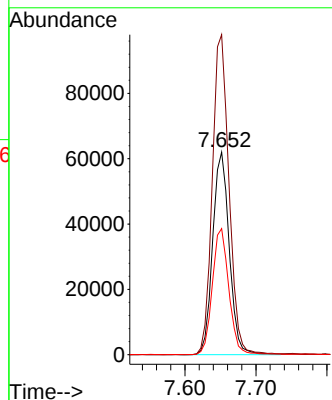
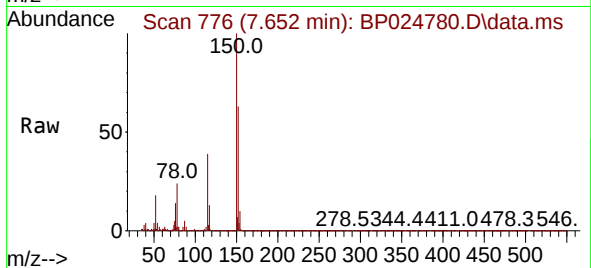




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

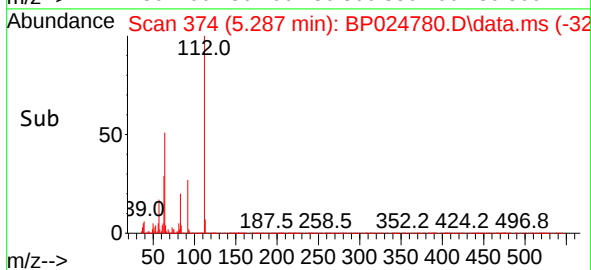
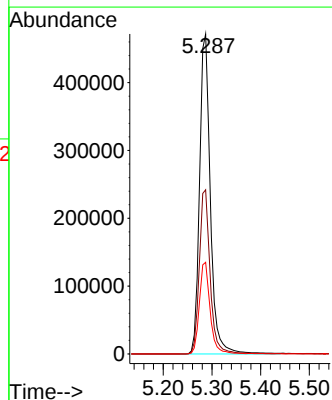
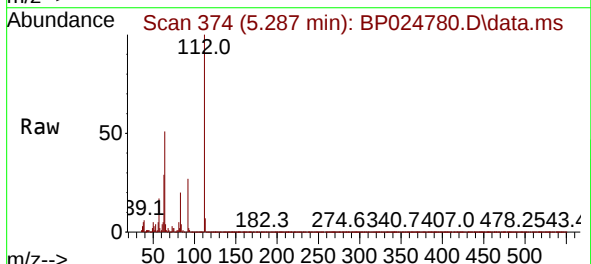
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

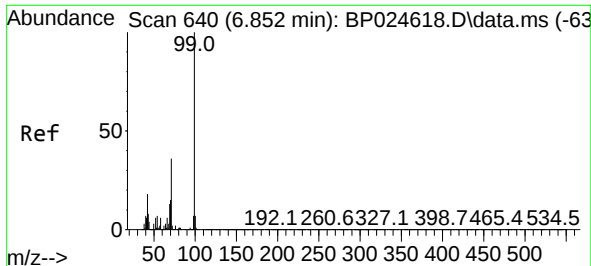
Tgt Ion:152 Resp: 100350
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 62.2 50.1 75.1



#5
2-Fluorophenol
Concen: 124.264 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

Tgt Ion:112 Resp: 729074
Ion Ratio Lower Upper
112 100
64 51.3 44.1 66.1
63 28.6 23.5 35.3

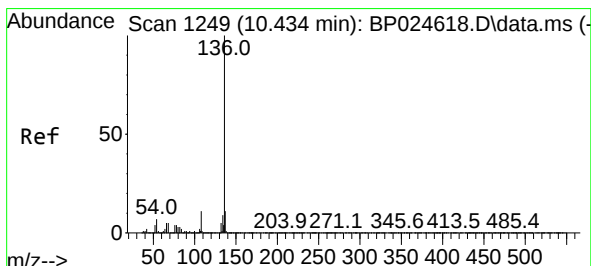
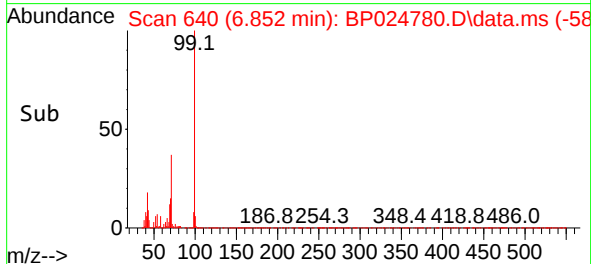
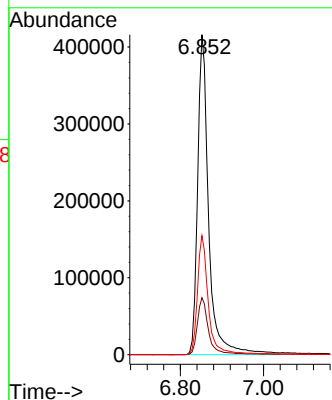
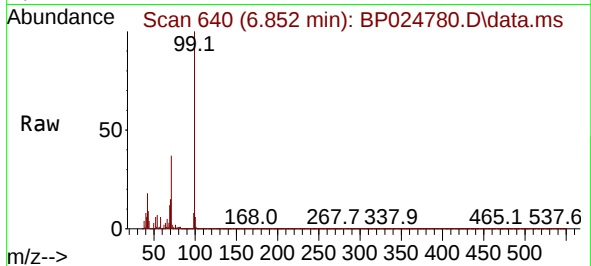




#7
Phenol-d6
Concen: 102.595 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

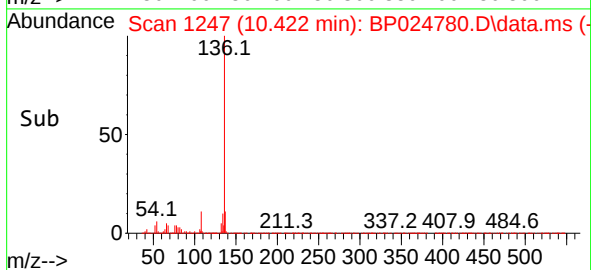
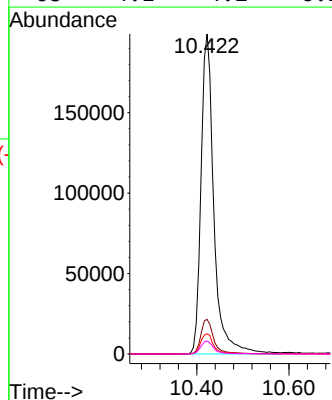
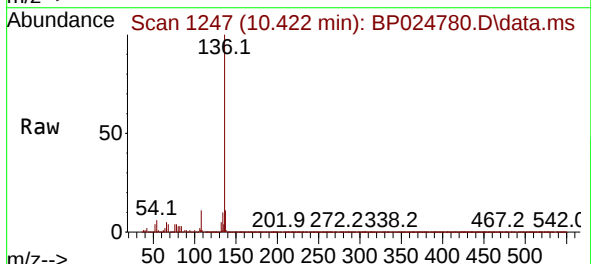
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

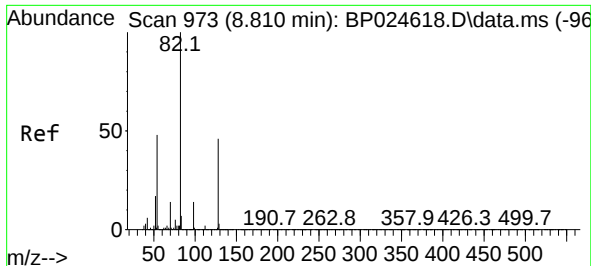
Tgt Ion: 99 Resp: 768242
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 37.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

Tgt Ion: 136 Resp: 386169
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.5 8.3
68 4.1 4.2 6.2#

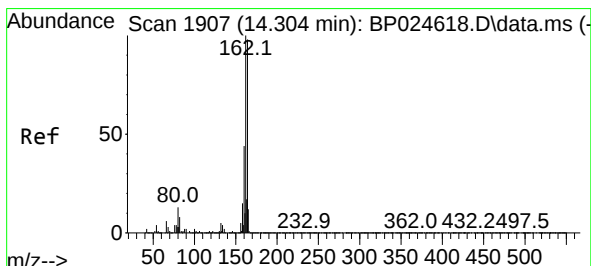
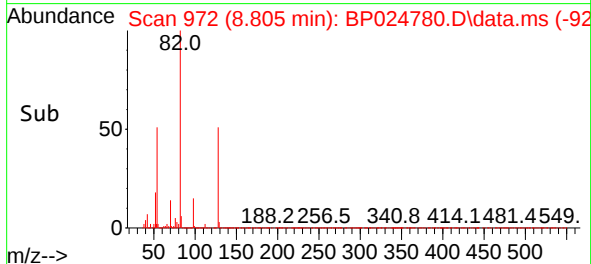
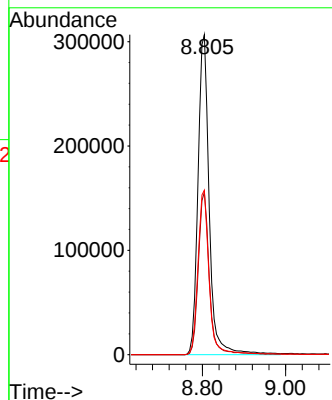
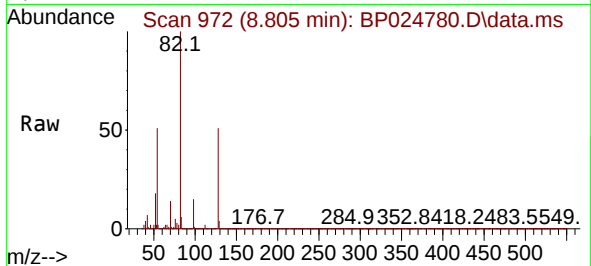




#23
Nitrobenzene-d5
Concen: 75.356 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

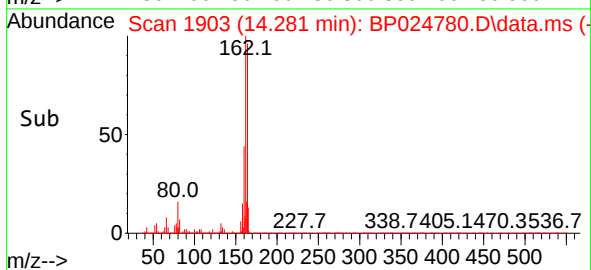
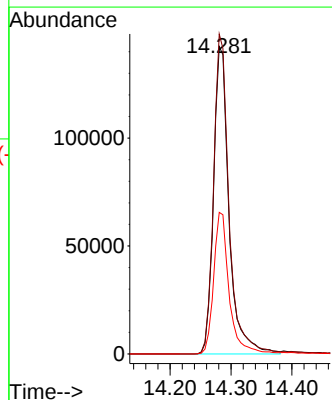
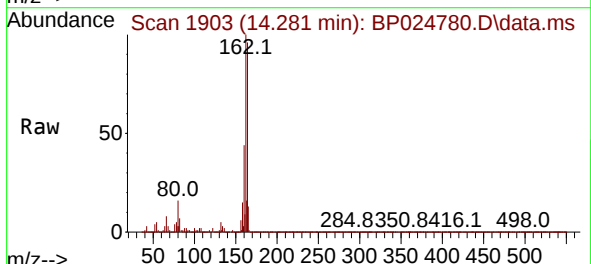
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66

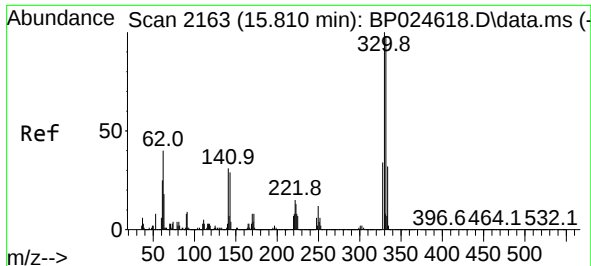
Tgt Ion: 82 Resp: 575942
Ion Ratio Lower Upper
82 100
128 50.8 37.0 55.4
54 51.4 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

Tgt Ion:164 Resp: 251641
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 46.1 36.3 54.5

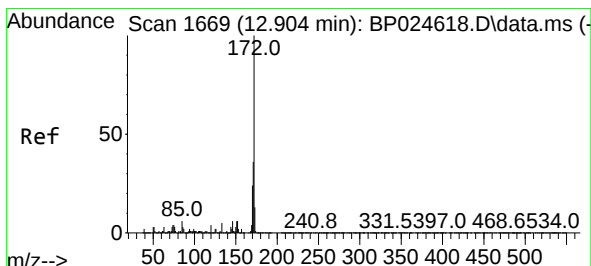
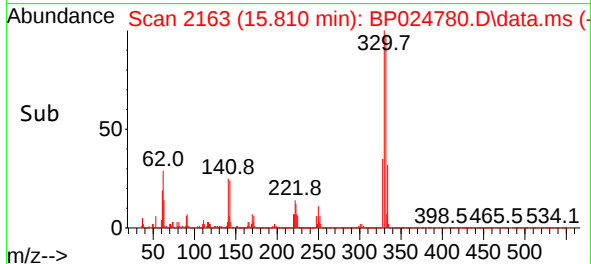
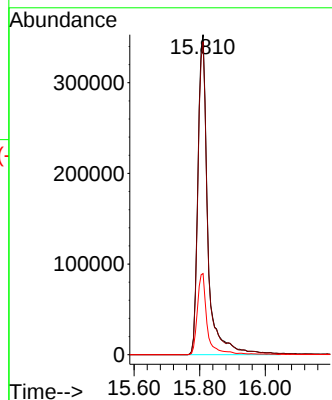
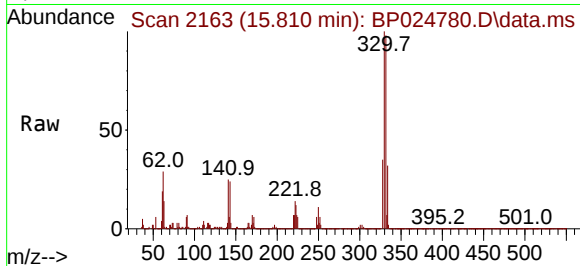




#42
2,4,6-Tribromophenol
Concen: 175.564 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

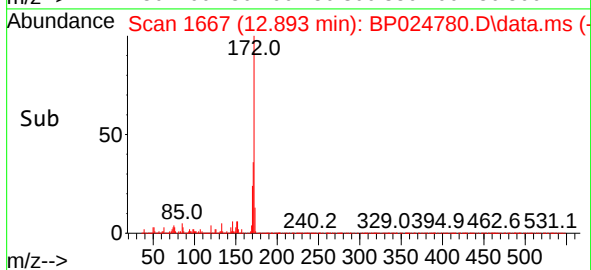
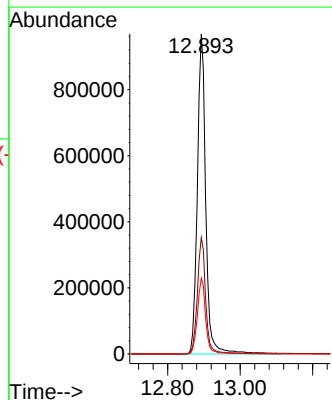
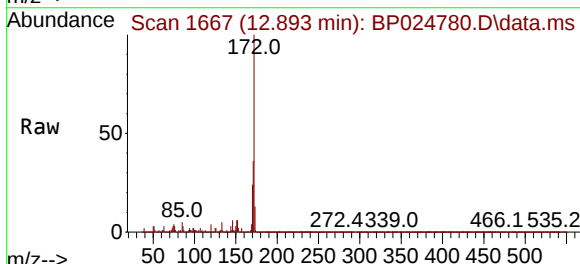
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OR-640-COMP-66

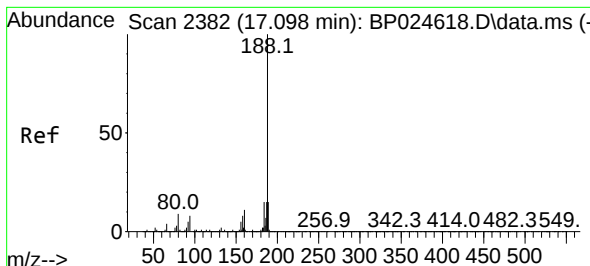
Tgt Ion:330 Resp: 748965
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 24.5 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 81.313 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024780.D
Acq: 23 May 2025 05:56

Tgt Ion:172 Resp: 1561822
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.075 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024780.D

Acq: 23 May 2025 05:56

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66

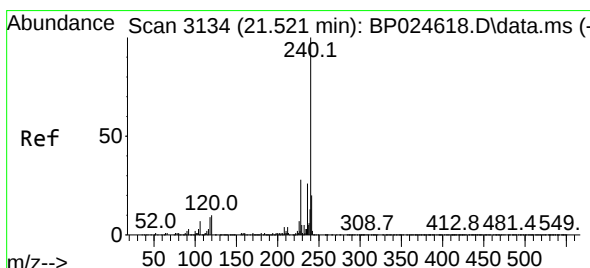
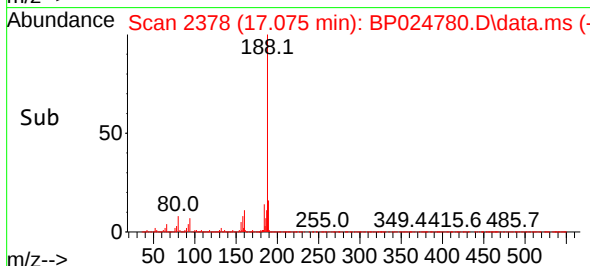
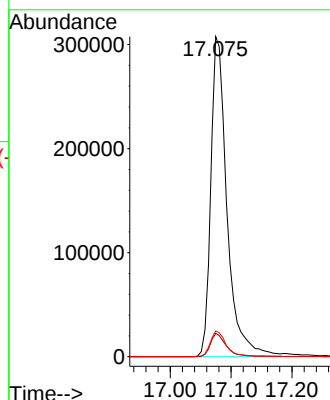
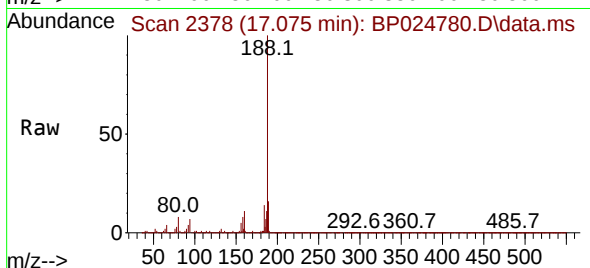
Tgt Ion:188 Resp: 568072

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 8.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024780.D

Acq: 23 May 2025 05:56

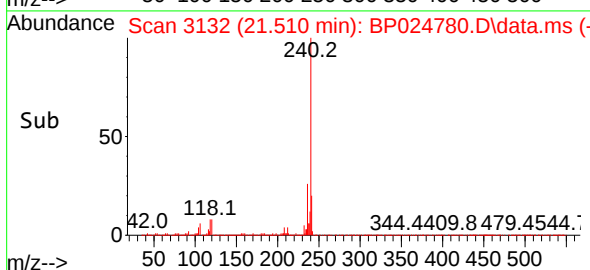
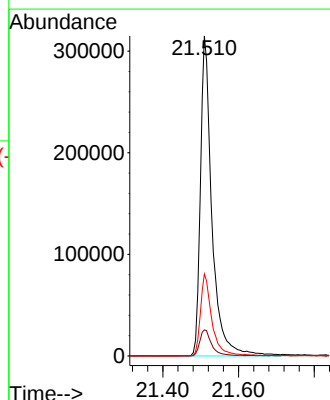
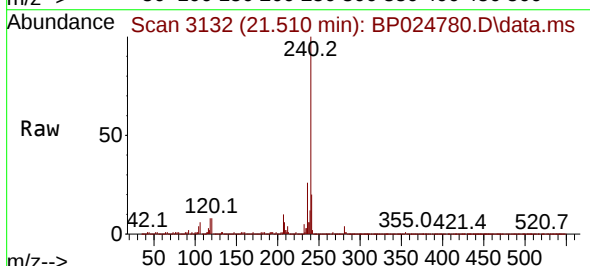
Tgt Ion:240 Resp: 667960

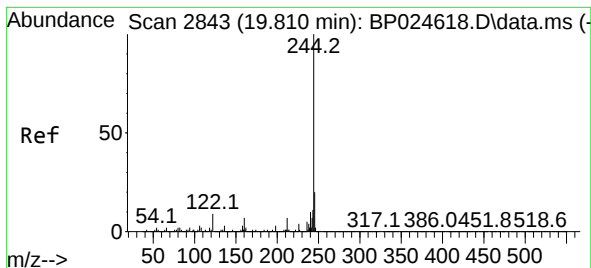
Ion Ratio Lower Upper

240 100

120 8.2 7.8 11.6

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 87.729 ng

RT: 19.798 min Scan# 2

Delta R.T. -0.012 min

Lab File: BP024780.D

Acq: 23 May 2025 05:56

Instrument :

BNA_P

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OR-640-COMP-66

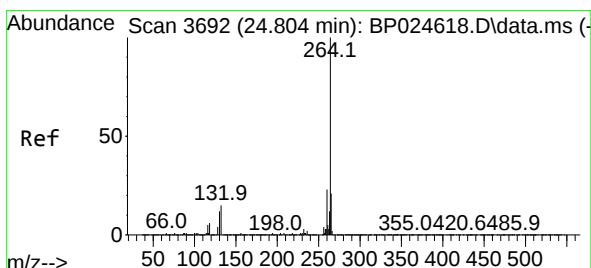
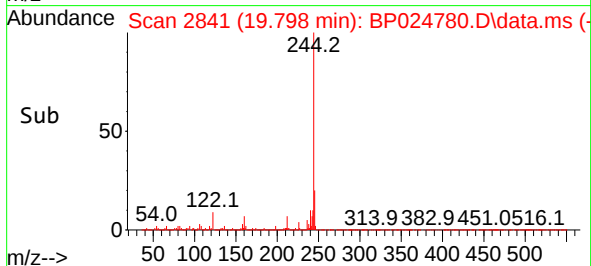
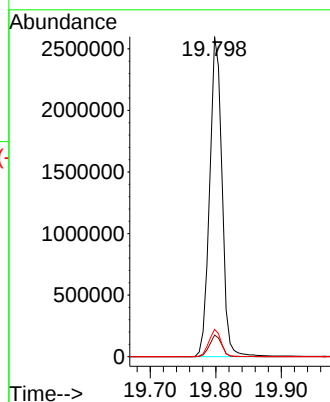
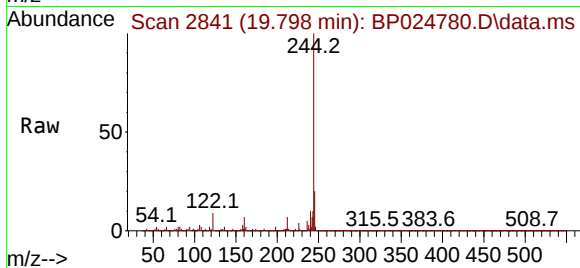
Tgt Ion:244 Resp: 3417471

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.6 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: BP024780.D

Acq: 23 May 2025 05:56

Tgt Ion:264 Resp: 761878

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.1 17.0 25.6

