

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024593.D
 Acq On : 09 May 2025 16:27
 Operator : RC/JU
 Sample : Q1983-49
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-09

Quant Time: May 09 17:22:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	99027	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	367628	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	206620	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	389701	20.000	ng	# 0.00
76) Chrysene-d12	21.569	240	509708	20.000	ng	# 0.00
86) Perylene-d12	24.892	264	656442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	503604	84.087	ng	0.00
7) Phenol-d6	6.893	99	613128	74.765	ng	0.00
23) Nitrobenzene-d5	8.852	82	371808	57.670	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	265704	92.946	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	775471	57.465	ng	0.00
79) Terphenyl-d14	19.845	244	1273253	50.351	ng	0.00

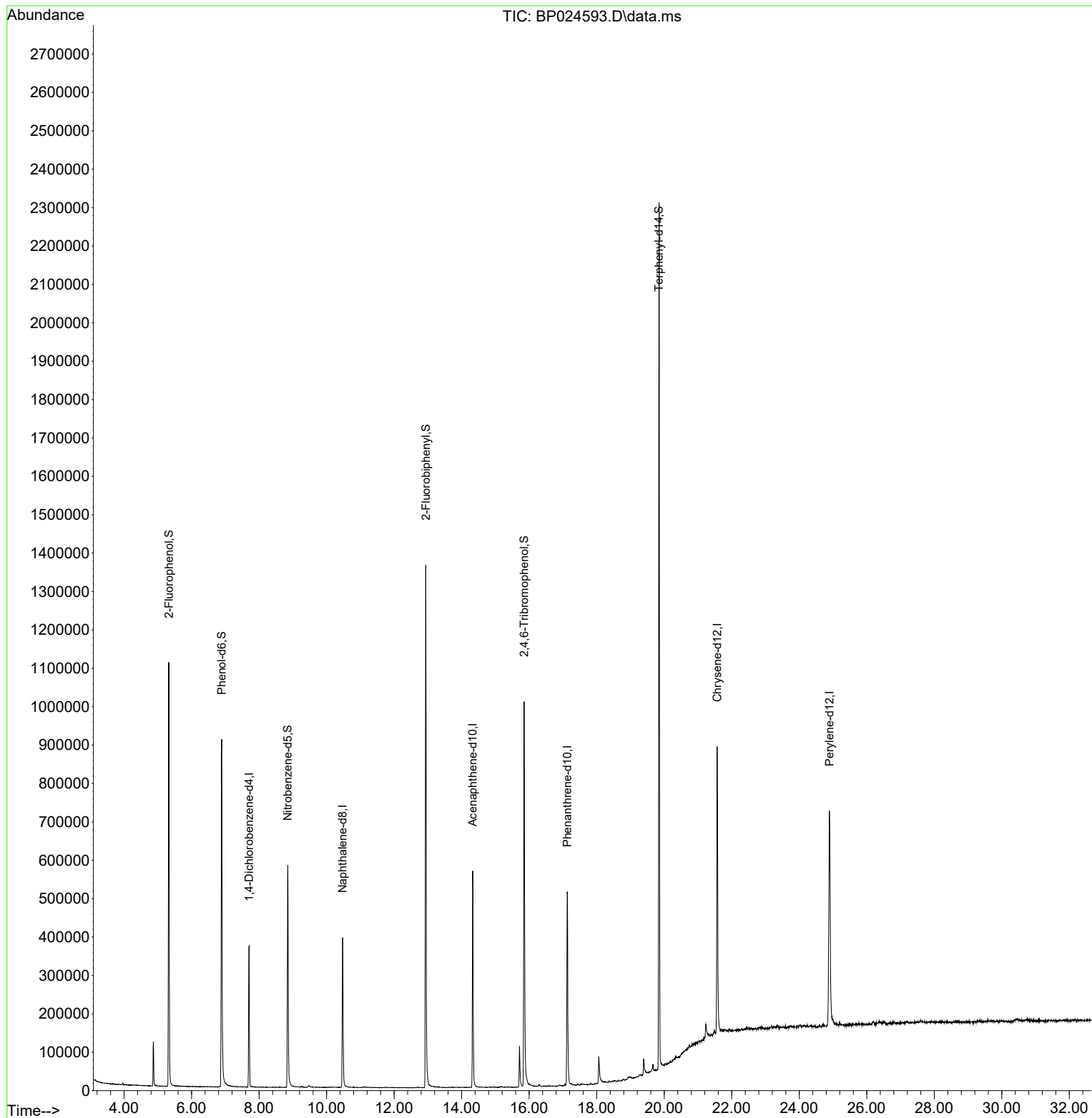
Target Compounds	Qvalue

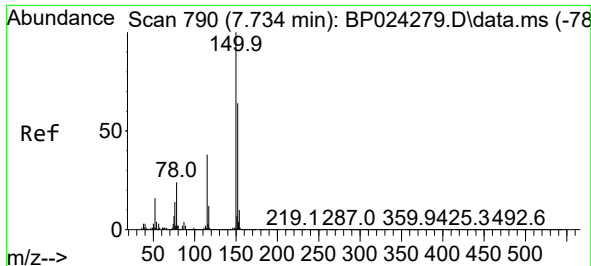
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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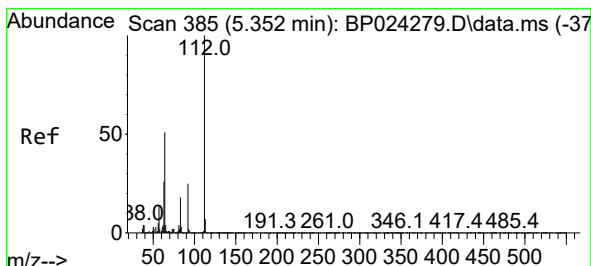
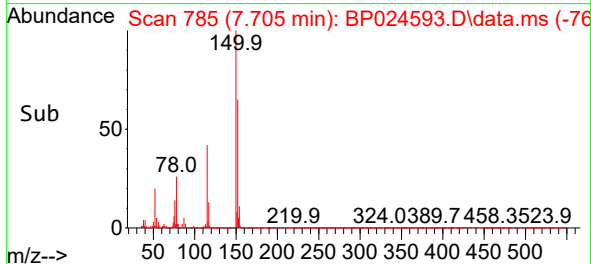
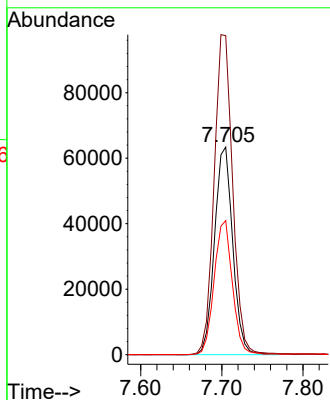
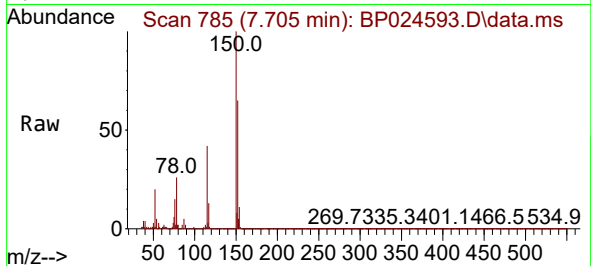




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. 0.007 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

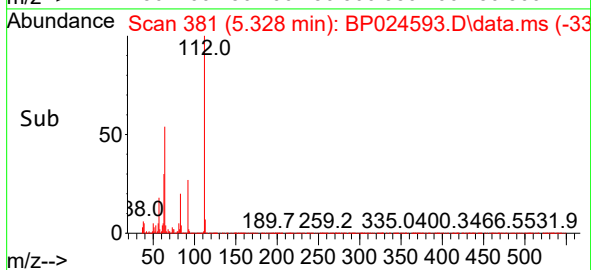
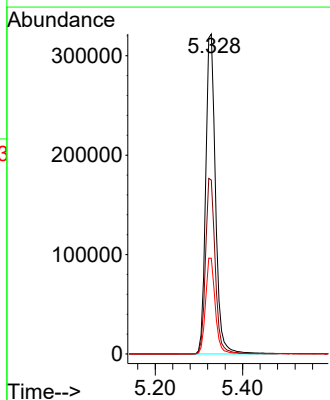
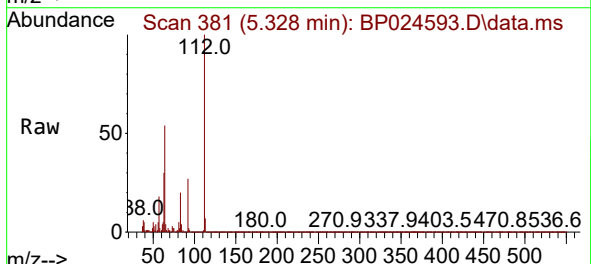
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

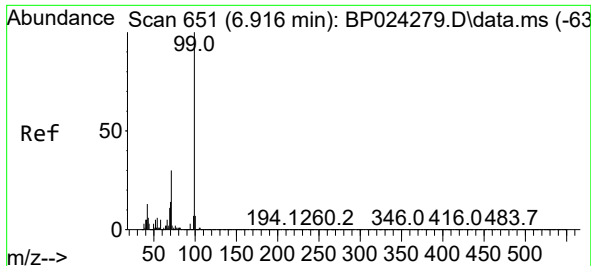
Tgt Ion:152 Resp: 99027
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 64.6 47.7 71.5



#5
2-Fluorophenol
Concen: 84.087 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

Tgt Ion:112 Resp: 503604
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 29.9 20.6 30.8

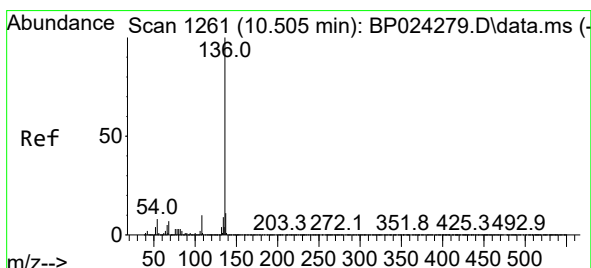
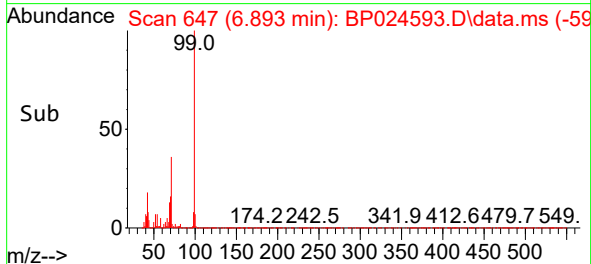
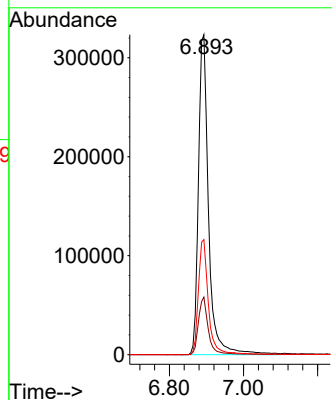
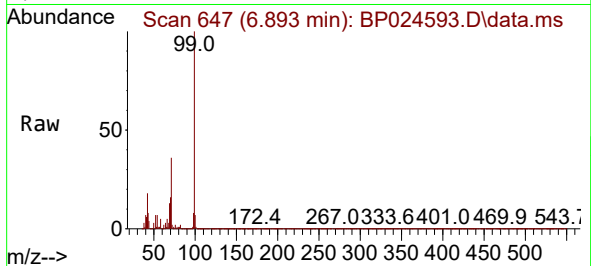




#7
Phenol-d6
Concen: 74.765 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

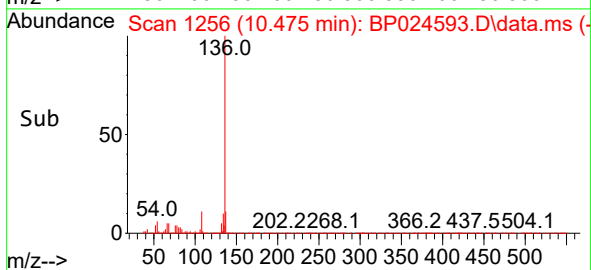
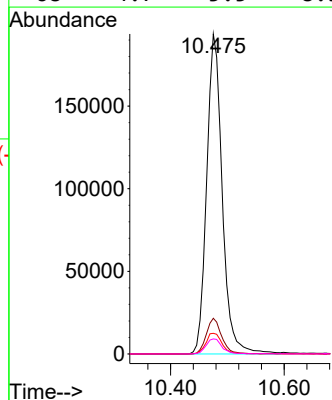
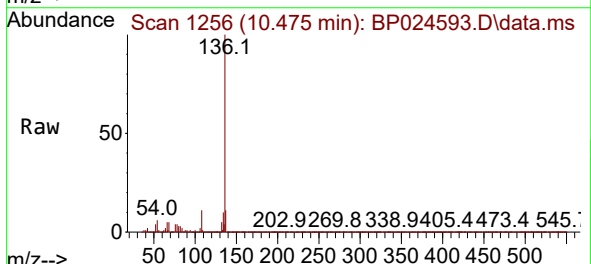
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

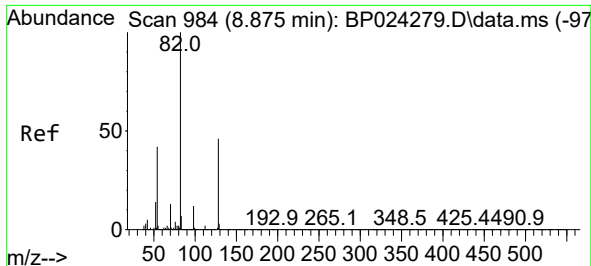
Tgt Ion: 99 Resp: 613128
Ion Ratio Lower Upper
99 100
42 18.0 10.6 16.0#
71 35.9 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

Tgt Ion: 136 Resp: 367628
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.4 6.0 9.0
68 4.7 5.5 8.3#

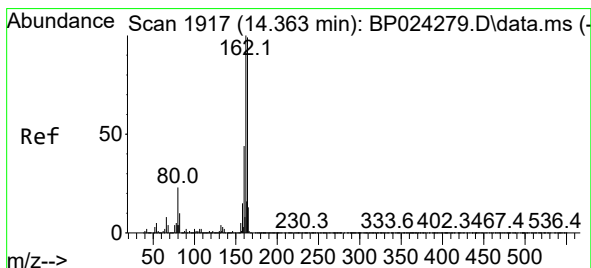
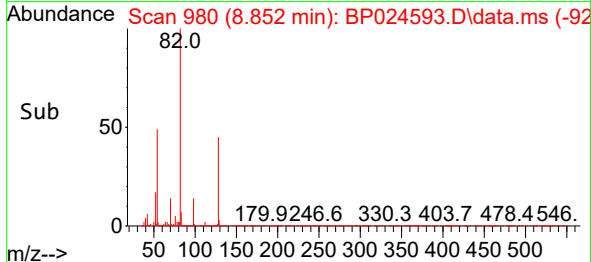
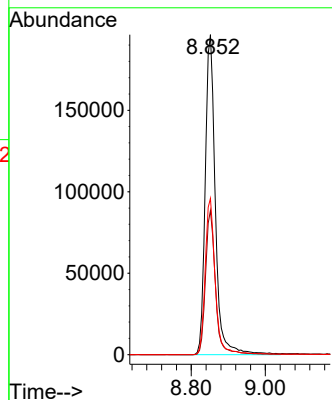
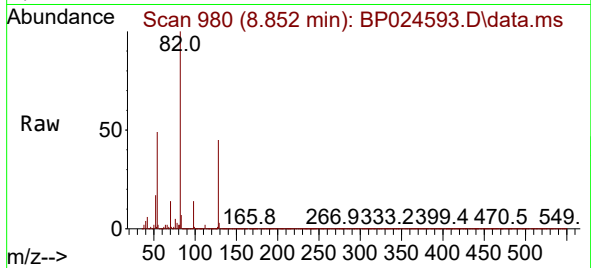




#23
Nitrobenzene-d5
Concen: 57.670 ng
RT: 8.852 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

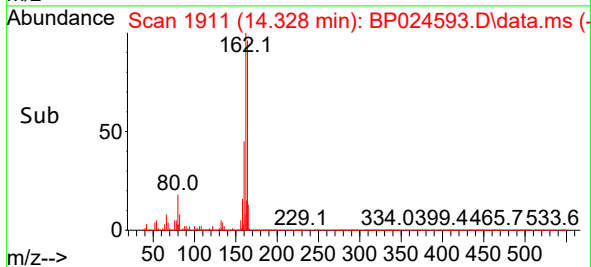
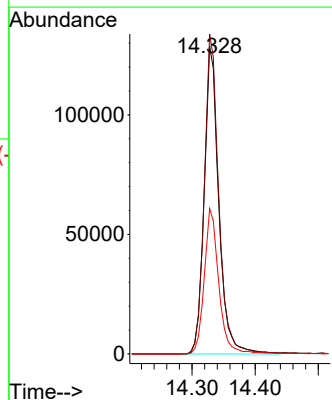
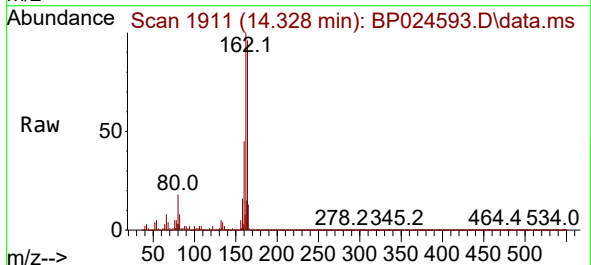
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

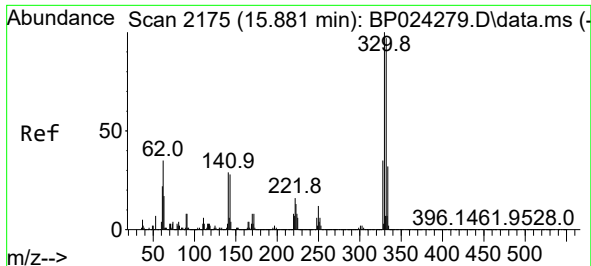
Tgt Ion: 82 Resp: 371808
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 48.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

Tgt Ion: 164 Resp: 206620
Ion Ratio Lower Upper
164 100
162 104.0 80.6 120.8
160 47.3 35.3 52.9

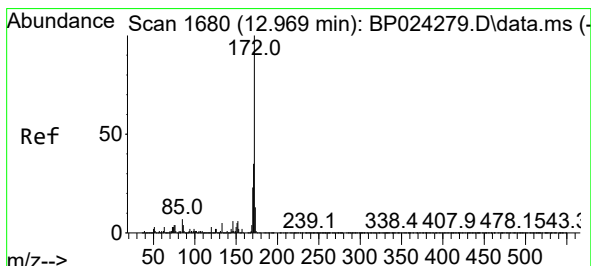
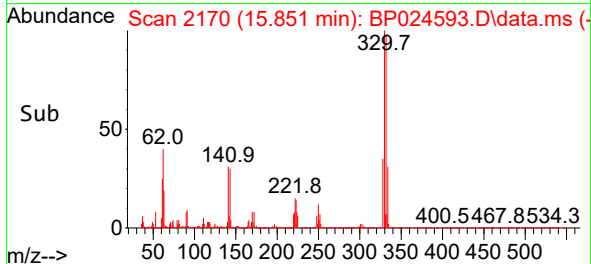
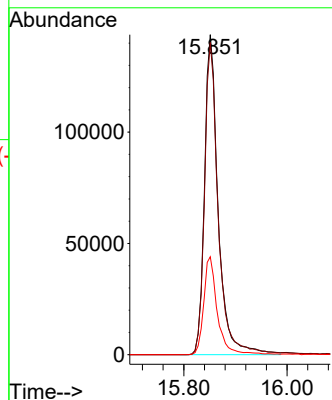
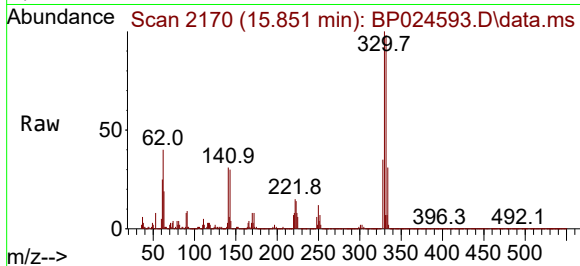




#42
2,4,6-Tribromophenol
Concen: 92.946 ng
RT: 15.851 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

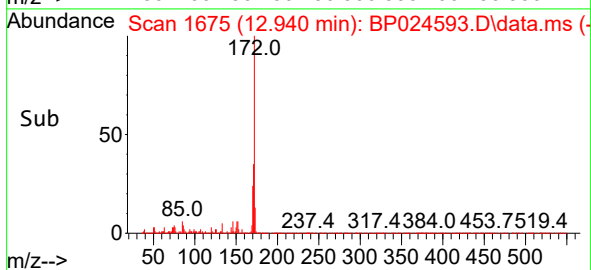
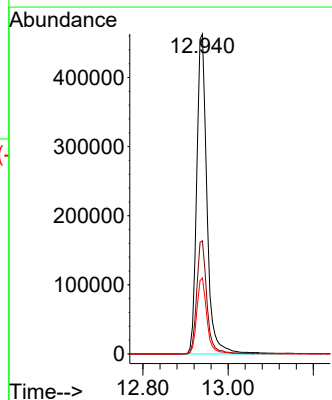
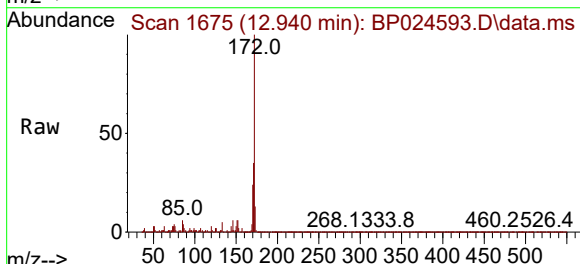
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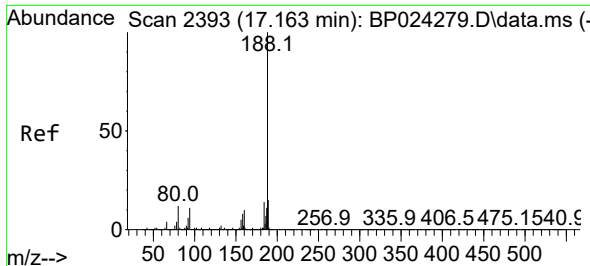
Tgt Ion: 330 Resp: 265704
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 30.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 57.465 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

Tgt Ion: 172 Resp: 775471
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.7 18.6 27.8

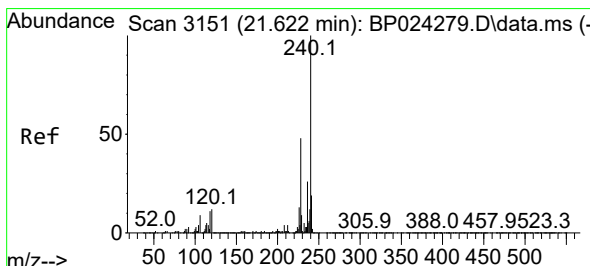
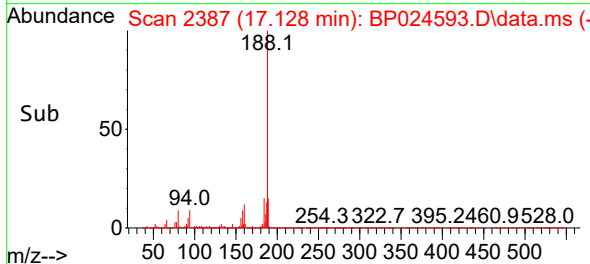
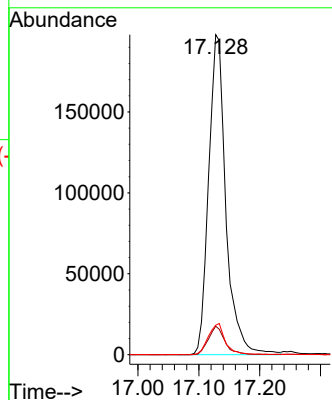
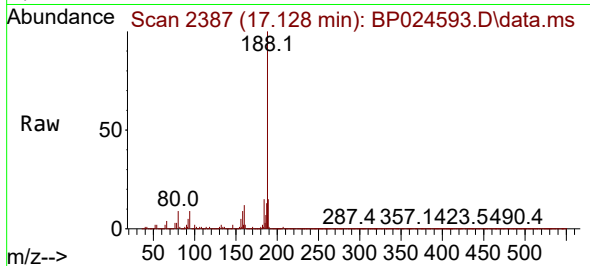




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

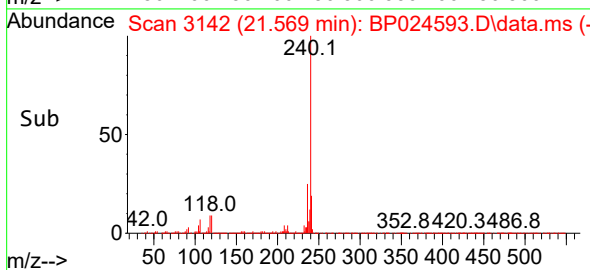
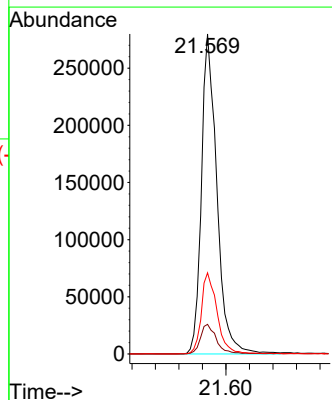
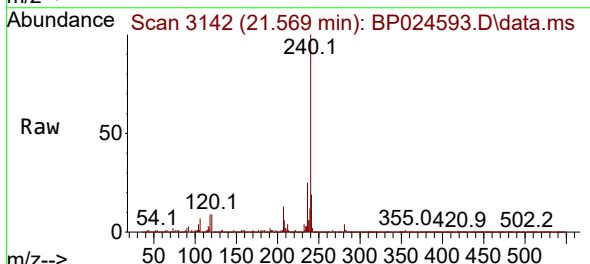
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BNA_P
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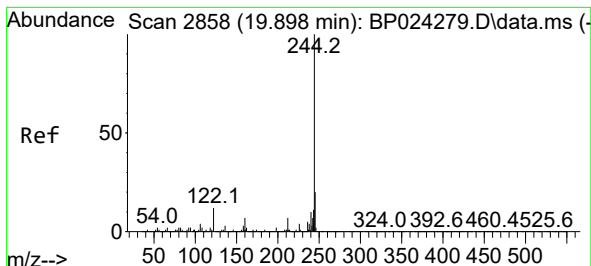
Tgt Ion:188 Resp: 389701
Ion Ratio Lower Upper
188 100
94 8.9 8.6 13.0
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

Tgt Ion:240 Resp: 509708
Ion Ratio Lower Upper
240 100
120 9.2 9.8 14.8#
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 50.351 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP024593.D

Acq: 09 May 2025 16:27

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-09

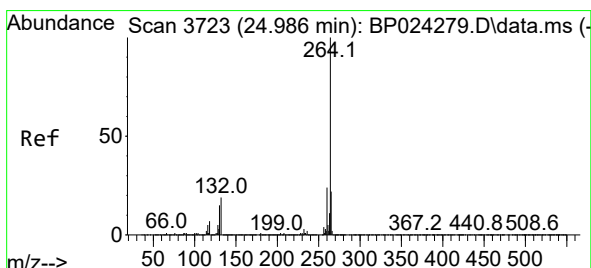
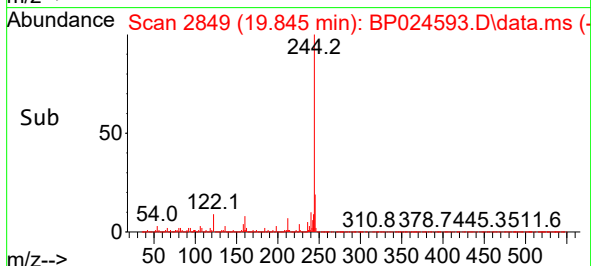
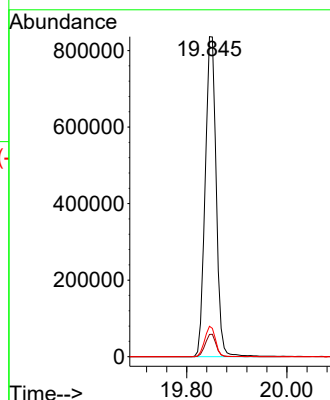
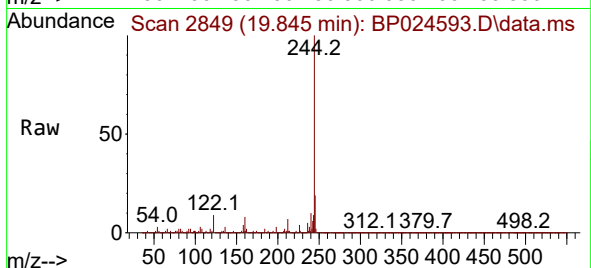
Tgt Ion:244 Resp: 1273253

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.892 min Scan# 3707

Delta R.T. 0.006 min

Lab File: BP024593.D

Acq: 09 May 2025 16:27

Tgt Ion:264 Resp: 656442

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.6 17.8 26.6

