

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)

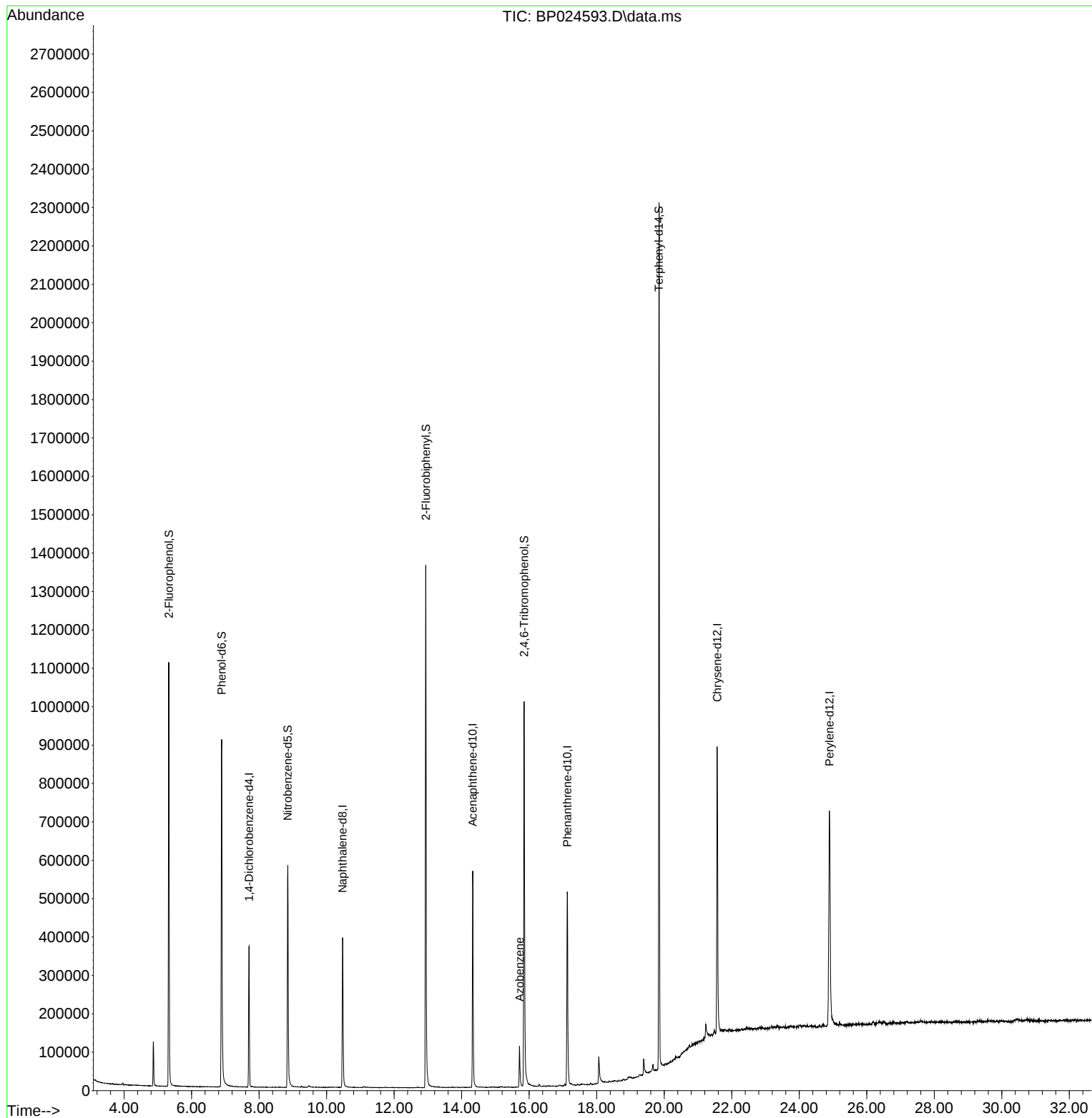
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	99027	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	367628	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	206620	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	389701	20.000	ng	# 0.00
76) Chrysene-d12	21.569	240	509708	20.000	ng	# 0.00
86) 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						
63) Azobenzene	15.716	77	39244	2.757	ng	# 1

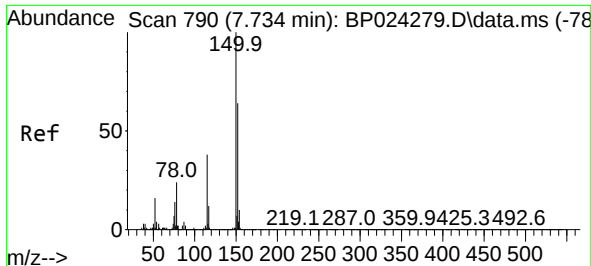
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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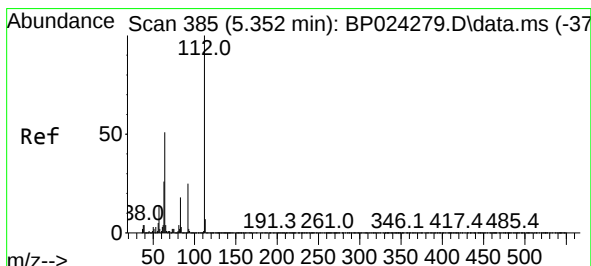
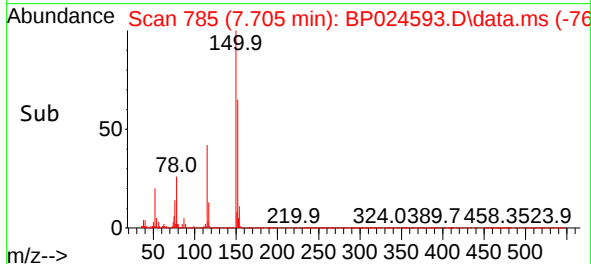
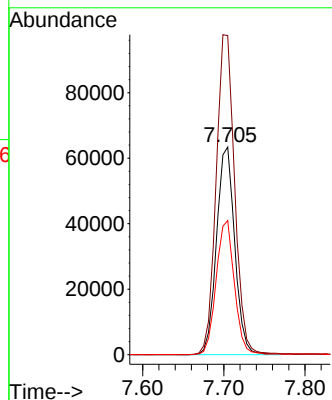
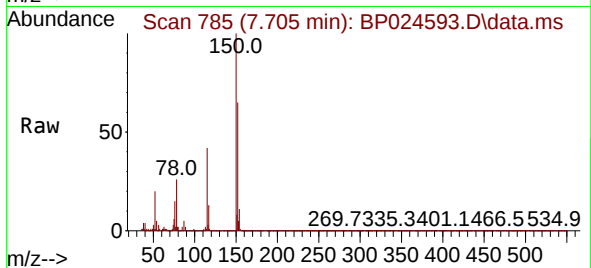




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.705 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: BP024593.D
 Acq: 09 May 2025 16:27

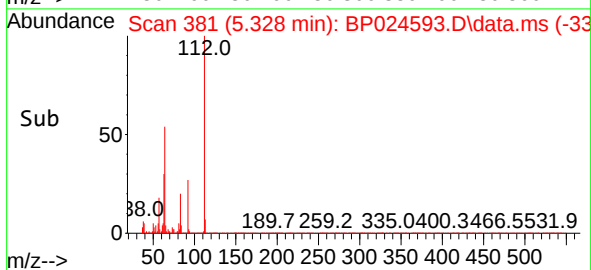
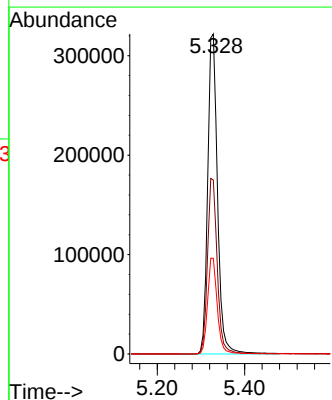
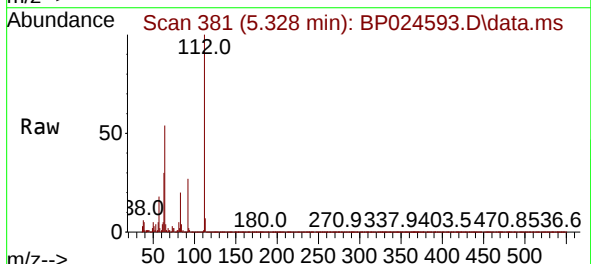
Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-09

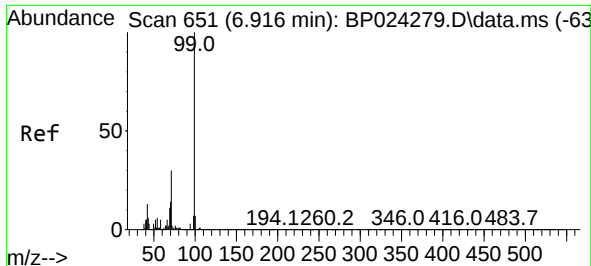
Tgt Ion:152 Resp: 99027
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.9 187.3
 115 64.6 47.7 71.5



#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# 64

Delta R.T. 0.000 min

Lab File: BP024593.D

Acq: 09 May 2025 16:27

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-09

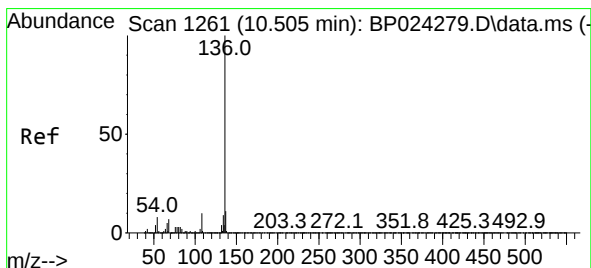
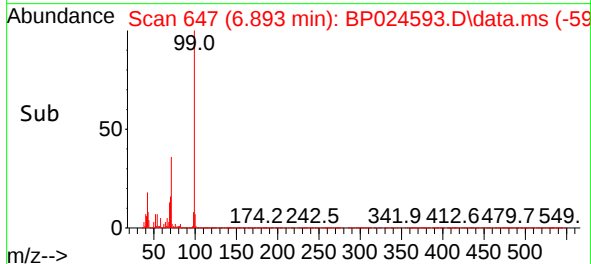
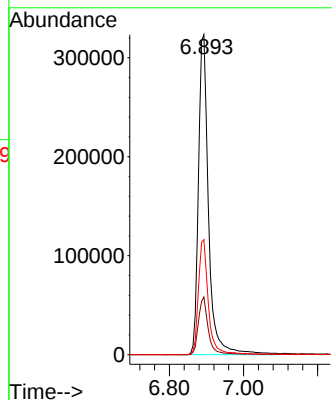
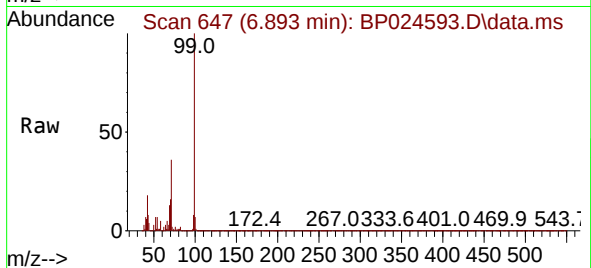
Tgt Ion: 99 Resp: 613128

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

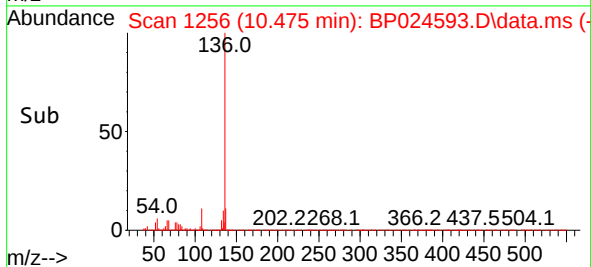
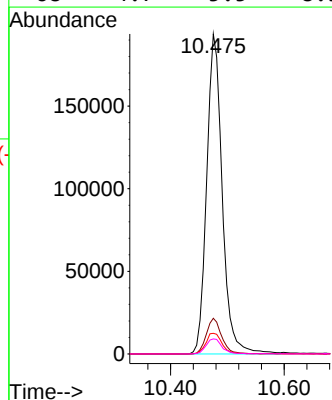
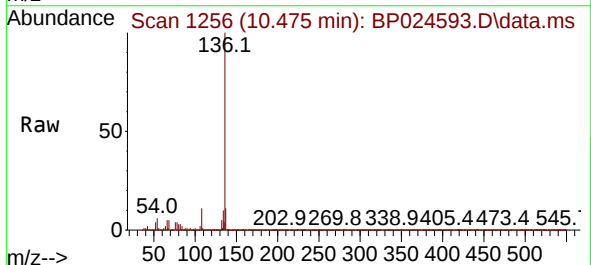
Ion Ratio Lower Upper

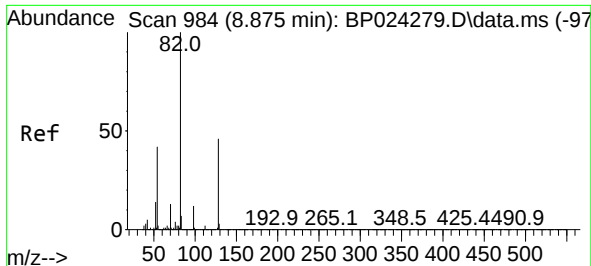
136 100

137 11.1 9.2 13.8

54 6.4 6.0 9.0

68 4.7 5.5 8.3#

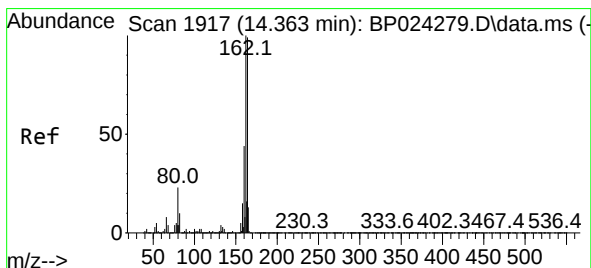
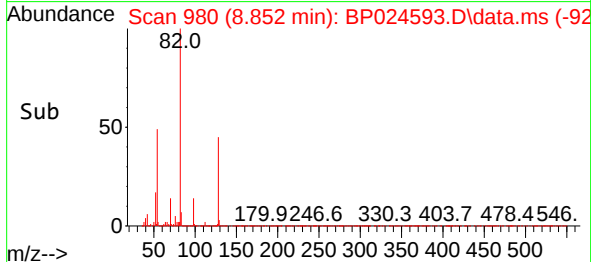
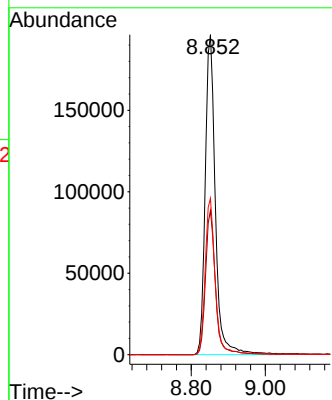
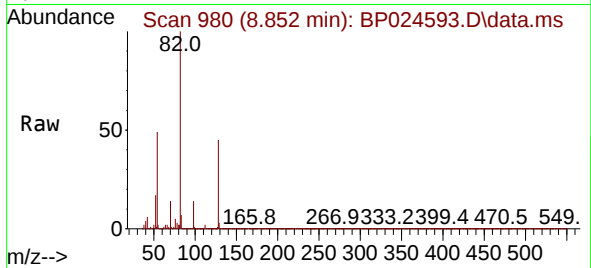




#23
Nitrobenzene-d5
Concen: 57.670 ng
RT: 8.852 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

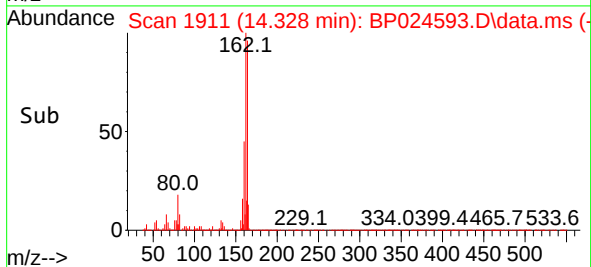
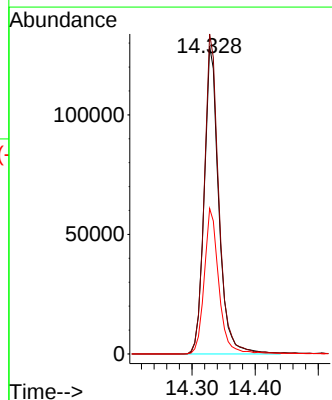
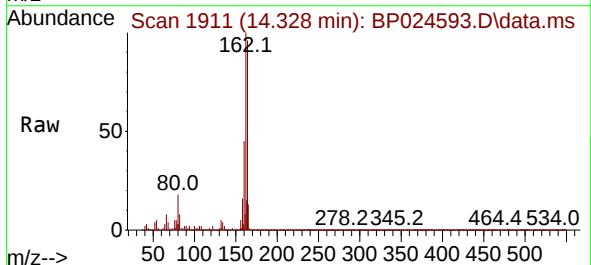
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

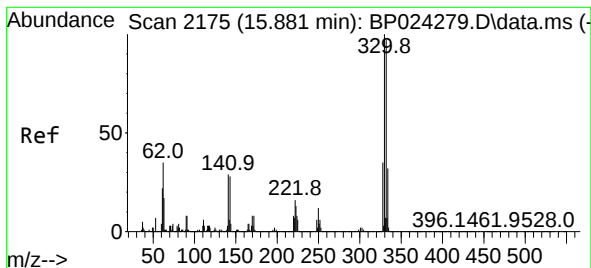
Tgt Ion: 82 Resp: 371808
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 48.9 33.4 50.2



#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

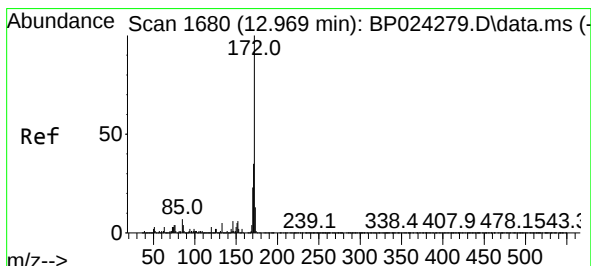
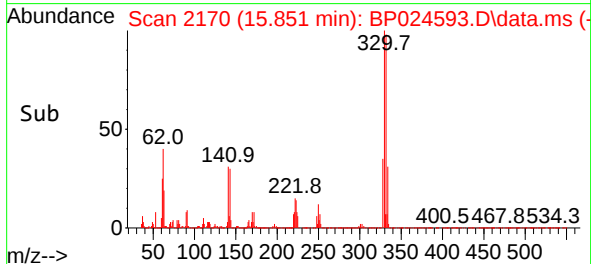
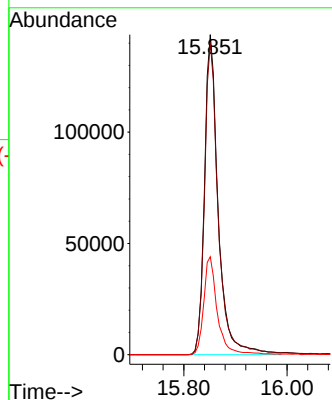
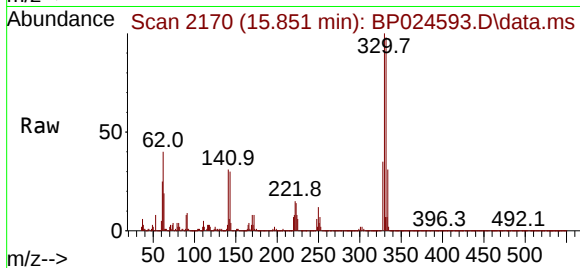




#42
2,4,6-Tribromophenol
Concen: 92.946 ng
RT: 15.851 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

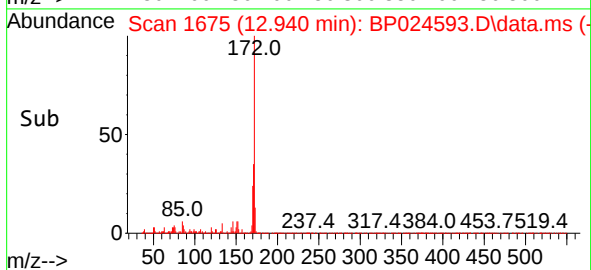
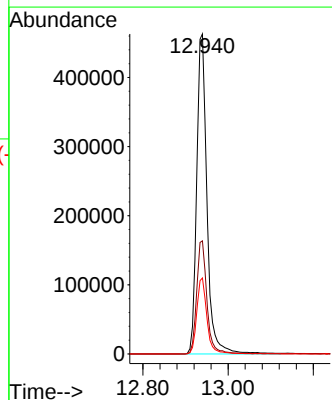
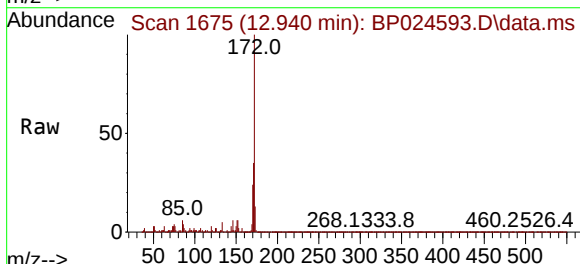
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-09

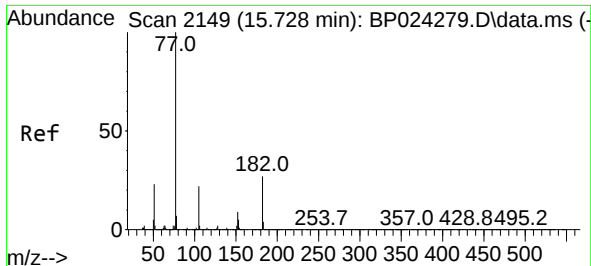
Tgt Ion:330 Resp: 265704
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 30.4 24.7 37.1



#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

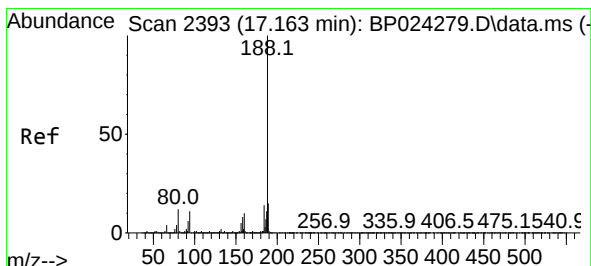
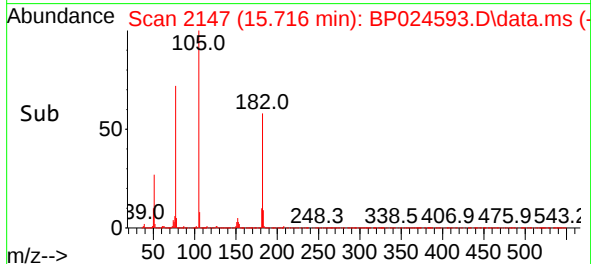
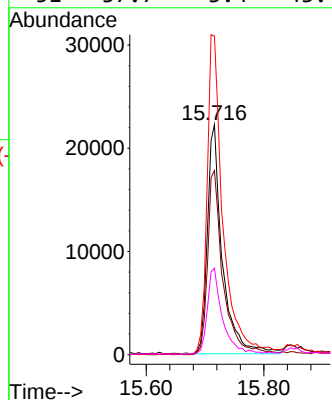
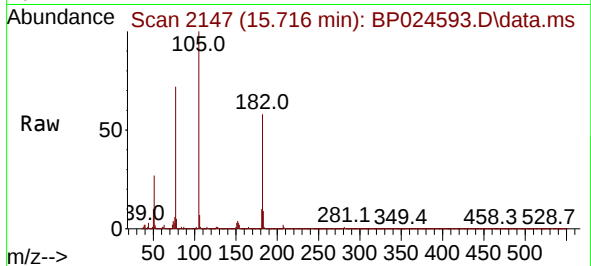




#63
Azobenzene
Concen: 2.757 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.024 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

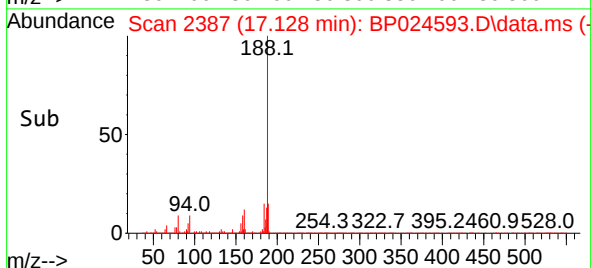
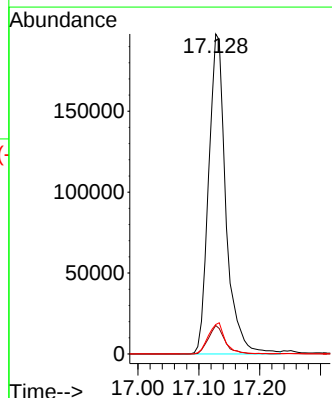
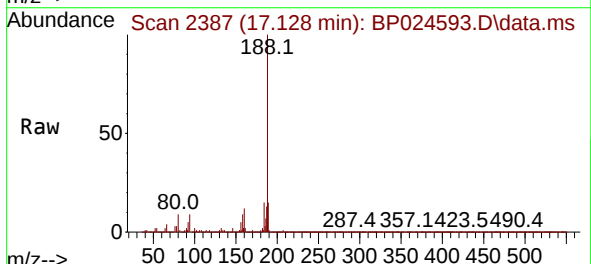
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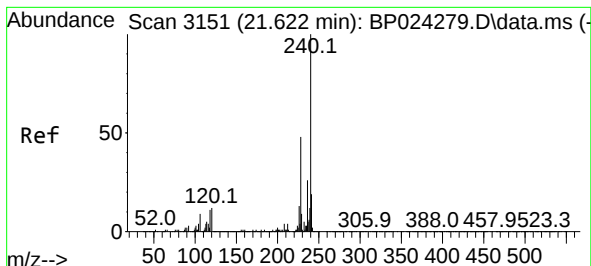
Tgt Ion: 77	Resp: 39244
Ion Ratio	Lower Upper
77 100	
182 80.0	7.3 47.3#
105 138.5	2.3 42.3#
51 37.7	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BP024593.D
Acq: 09 May 2025 16:27

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# 31

Delta R.T. 0.000 min

Lab File: BP024593.D

Acq: 09 May 2025 16:27

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-09

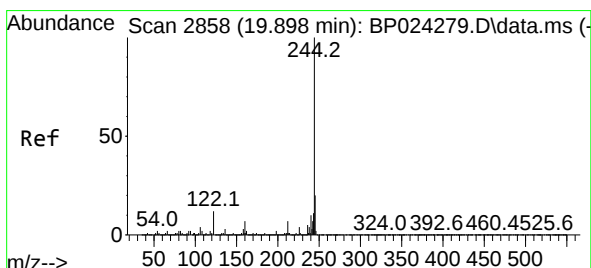
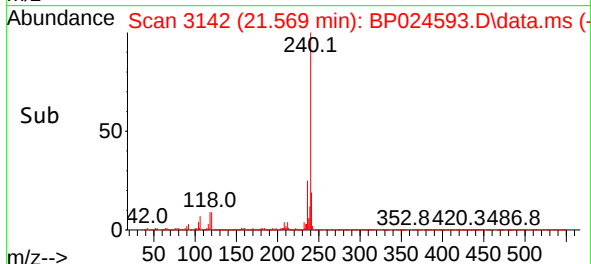
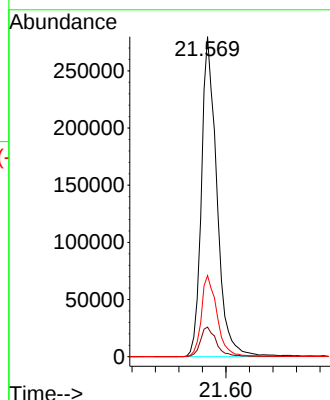
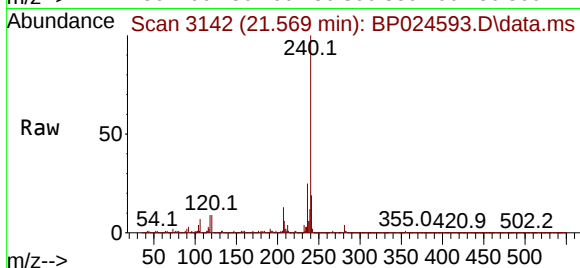
Tgt Ion:240 Resp: 509708

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# 2849

Delta R.T. -0.005 min

Lab File: BP024593.D

Acq: 09 May 2025 16:27

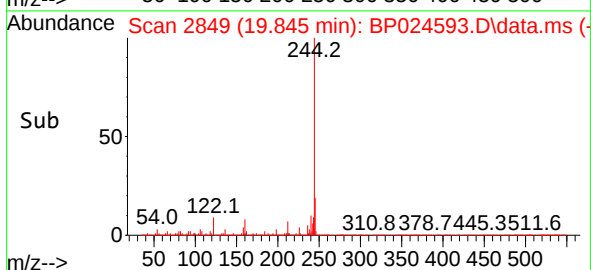
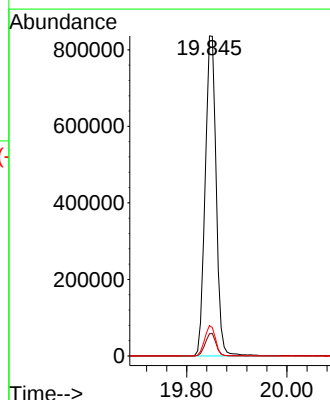
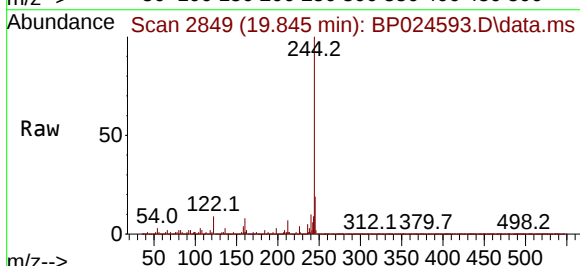
Tgt Ion:244 Resp: 1273253

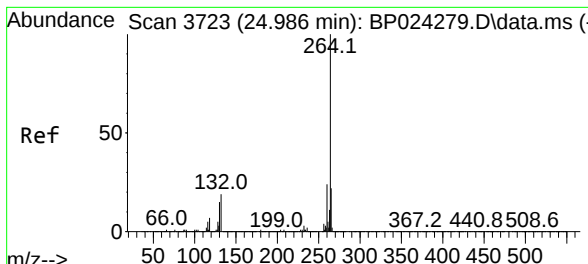
Ion Ratio Lower Upper

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# 31
 Delta R.T. 0.006 min
 Lab File: BP024593.D
 Acq: 09 May 2025 16:27

Instrument :
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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

