

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024596.D
 Acq On : 09 May 2025 18:29
 Operator : RC/JU
 Sample : Q1983-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05

Quant Time: May 09 22:47:15 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)

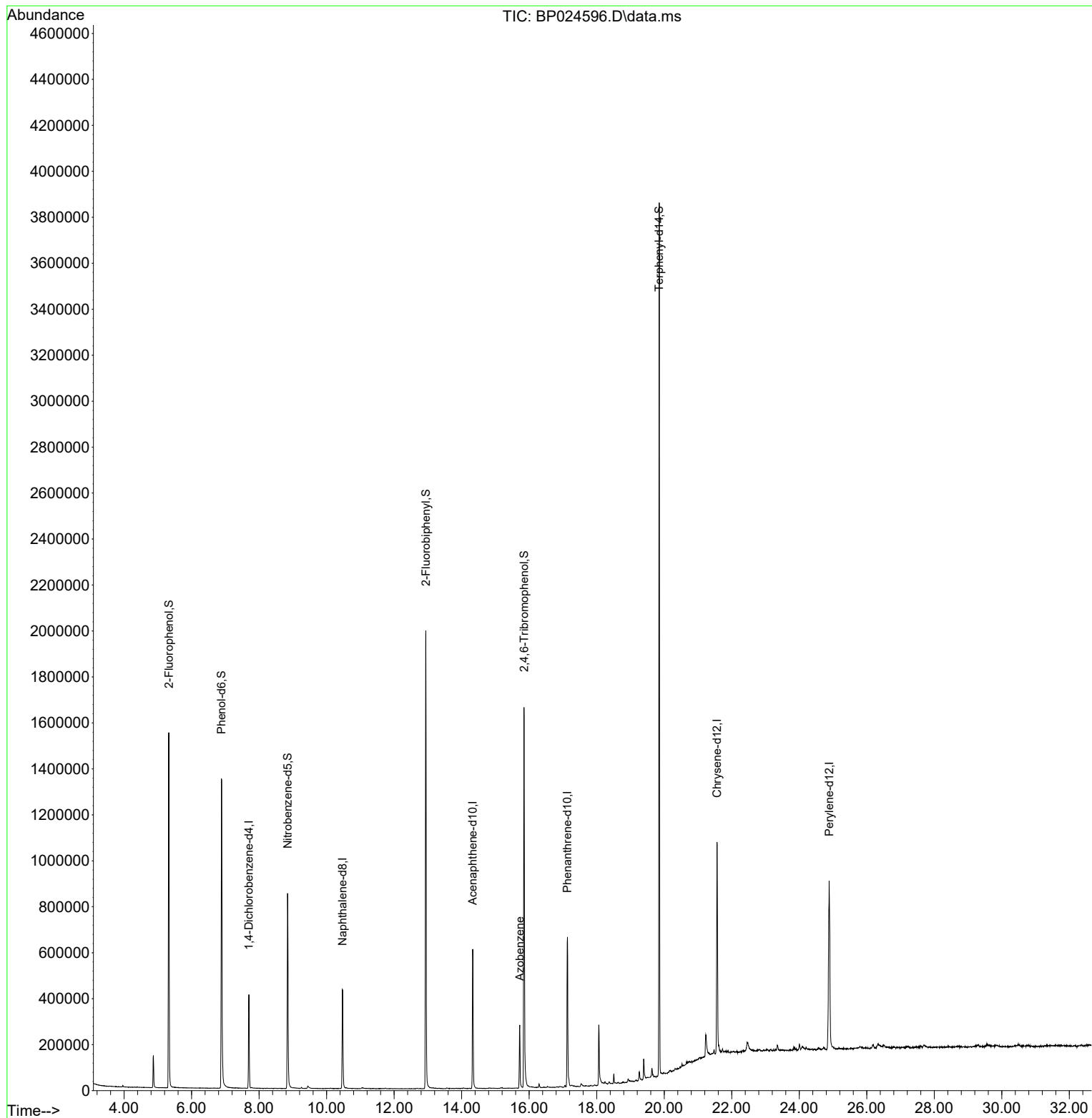
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	107940	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	404093	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	226354	20.000	ng	0.00
64) Phenanthrene-d10	17.134	188	444299	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	596850	20.000	ng	# 0.00
86) Perylene-d12	24.886	264	791149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	698541	107.004	ng	0.00
7) Phenol-d6	6.887	99	863673	96.620	ng	0.00
23) Nitrobenzene-d5	8.846	82	520320	73.422	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	394726	126.041	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1080375	73.079	ng	0.00
79) Terphenyl-d14	19.851	244	1767277	59.683	ng	0.00
Target Compounds						
63) Azobenzene	15.722	77	90518	5.806	ng	# 1

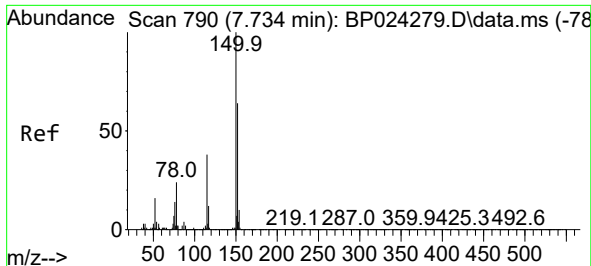
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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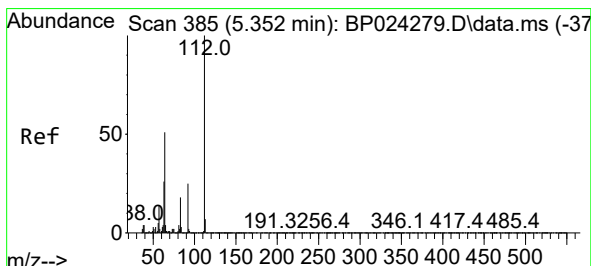
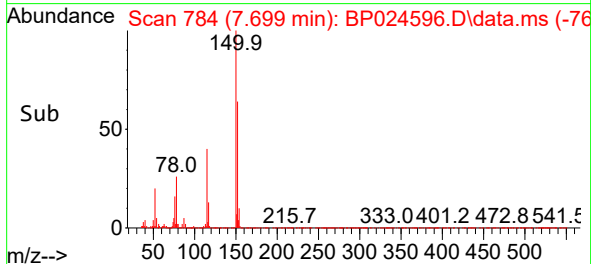
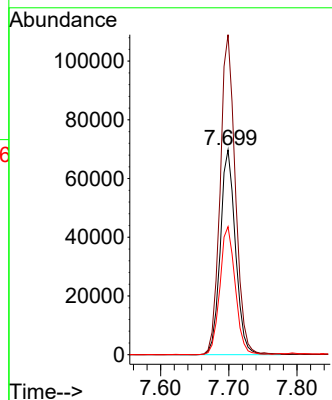
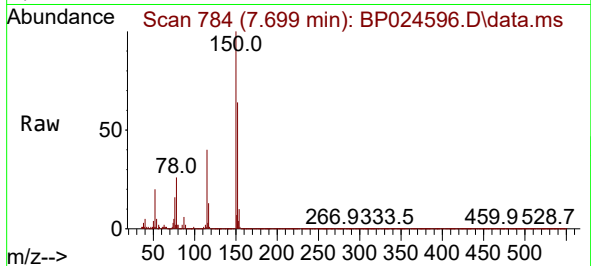




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

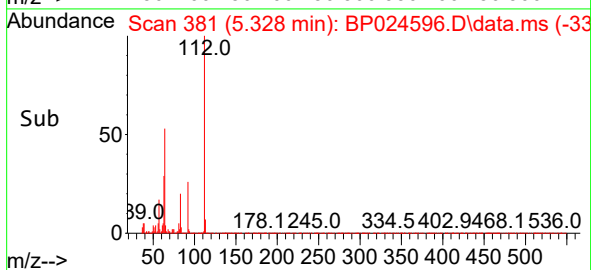
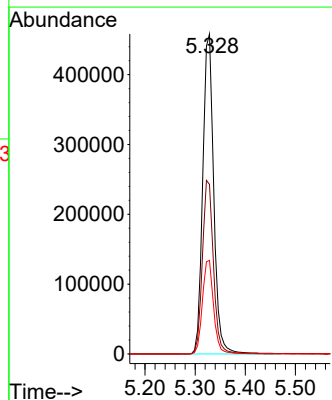
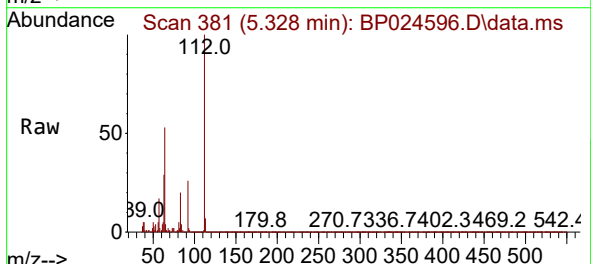
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05

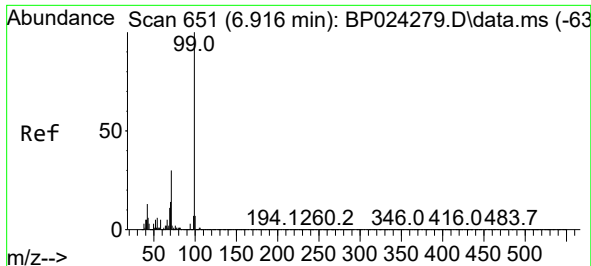
Tgt Ion:152 Resp: 107940
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 107.004 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

Tgt Ion:112 Resp: 698541
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 29.3 20.6 30.8

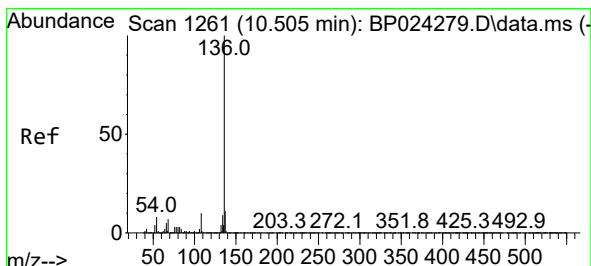
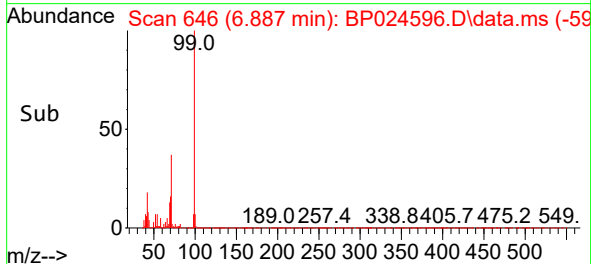
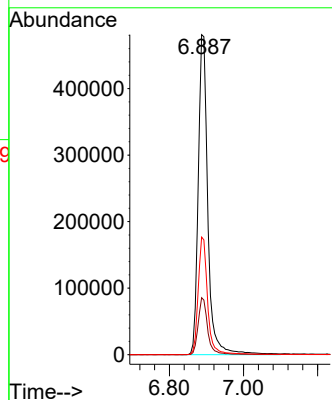
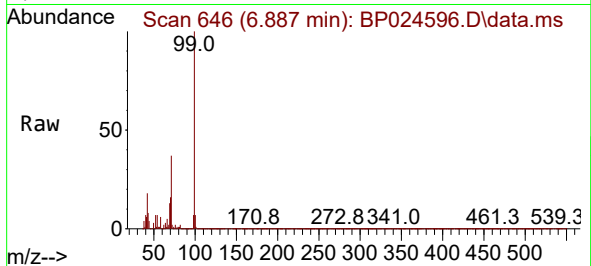




#7
Phenol-d6
Concen: 96.620 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.005 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

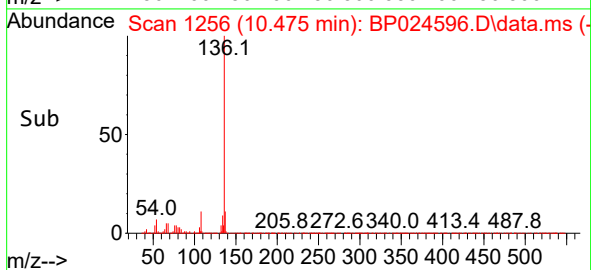
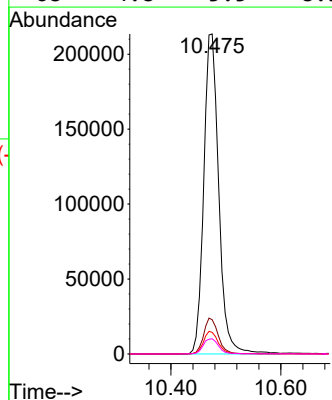
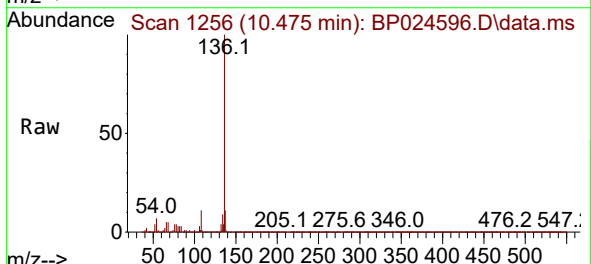
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05

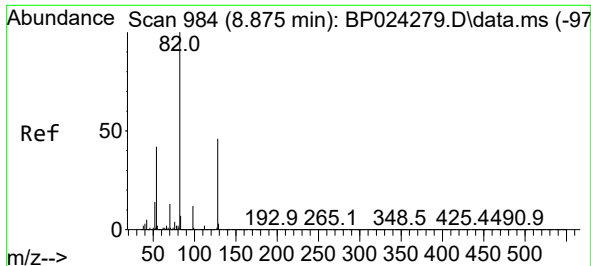
Tgt Ion: 99 Resp: 863673
Ion Ratio Lower Upper
99 100
42 17.8 10.6 16.0#
71 36.8 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

Tgt Ion:136 Resp: 404093
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.7 6.0 9.0
68 4.8 5.5 8.3#

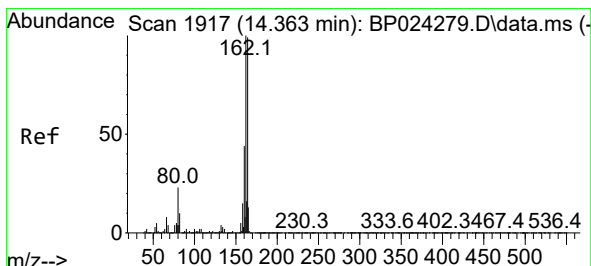
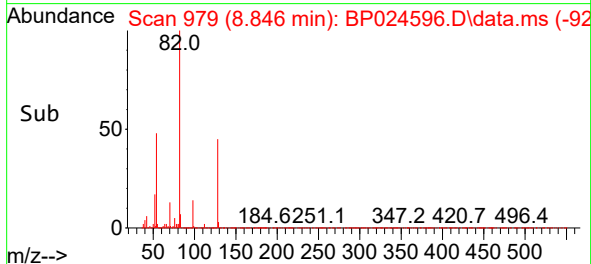
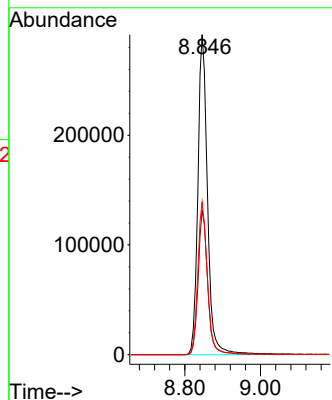
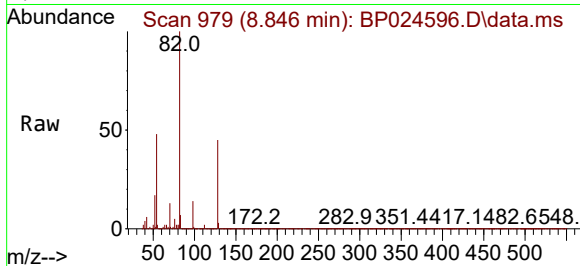




#23
Nitrobenzene-d5
Concen: 73.422 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

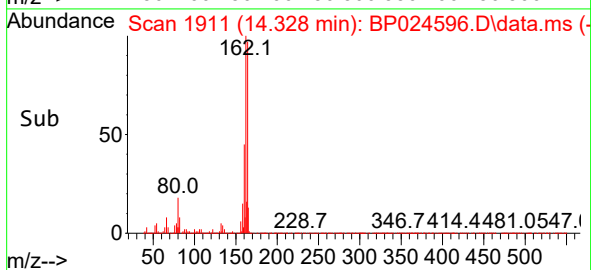
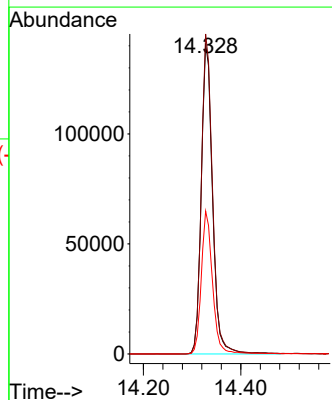
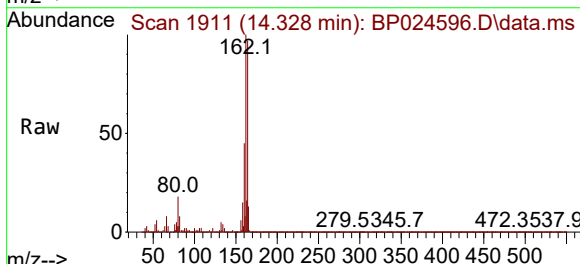
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05

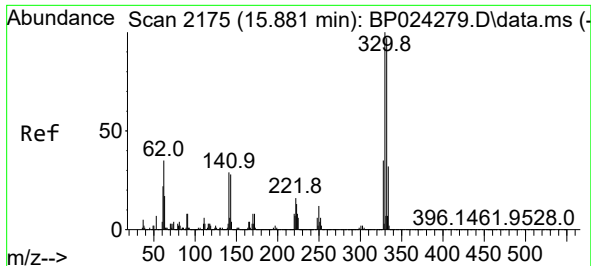
Tgt Ion: 82 Resp: 520320
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 47.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

Tgt Ion: 164 Resp: 226354
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 46.0 35.3 52.9

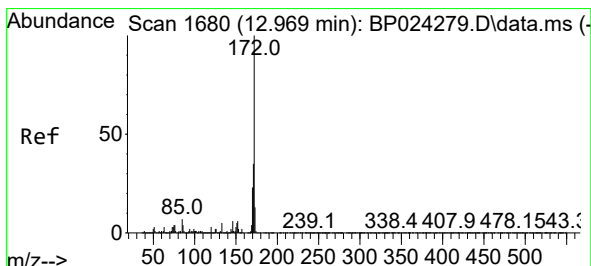
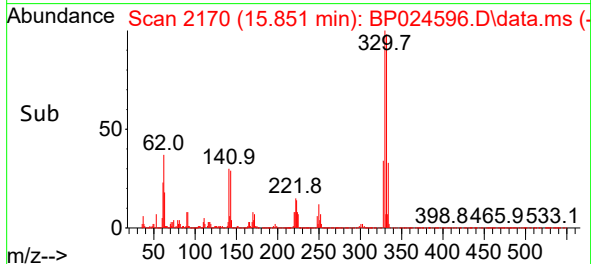
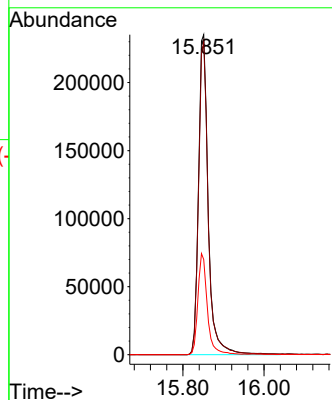
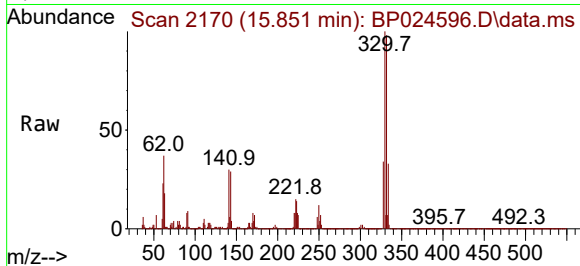




#42
2,4,6-Tribromophenol
Concen: 126.041 ng
RT: 15.851 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

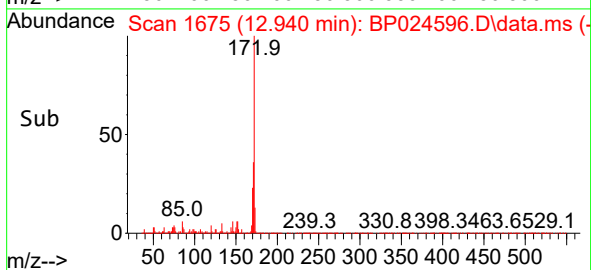
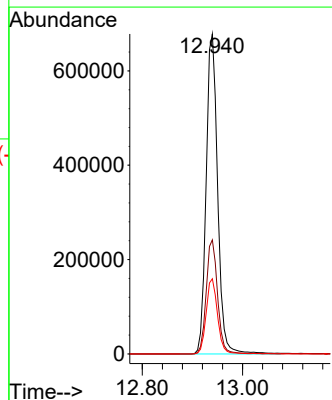
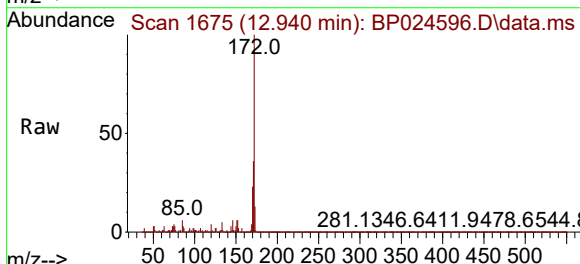
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05

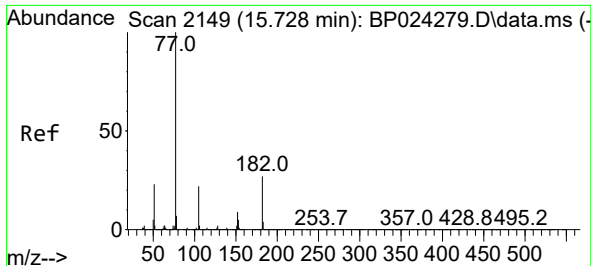
Tgt Ion:330 Resp: 394726
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 30.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 73.079 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

Tgt Ion:172 Resp: 1080375
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.5 18.6 27.8

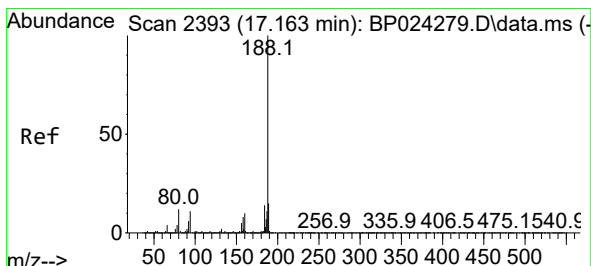
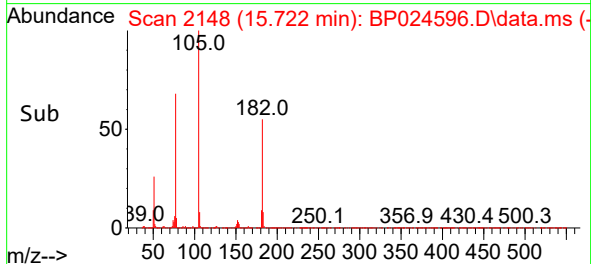
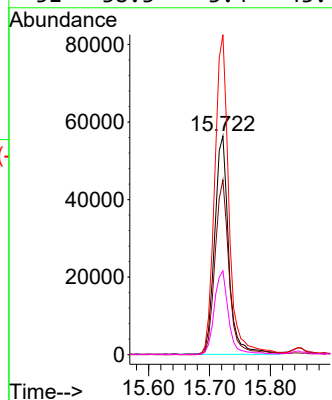
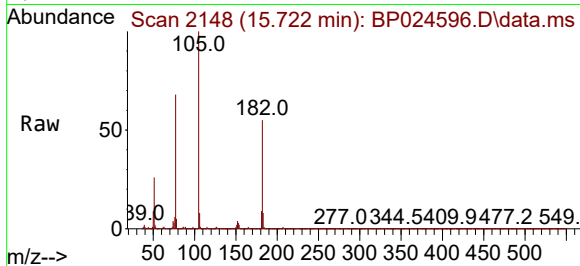




#63
Azobenzene
Concen: 5.806 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.030 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

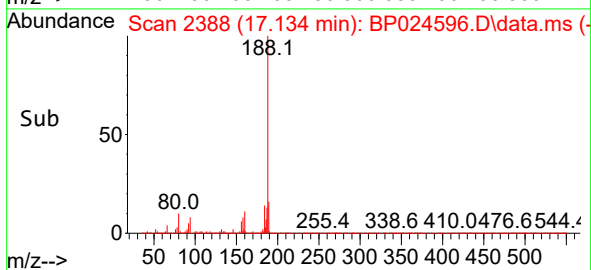
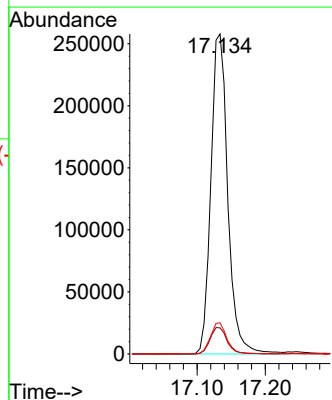
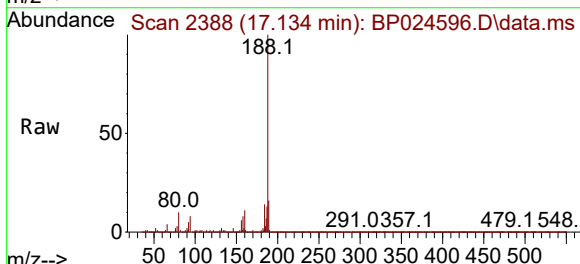
Instrument :
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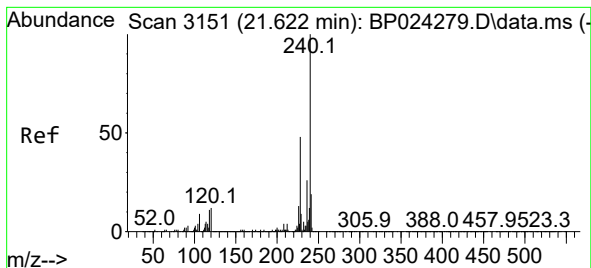
Tgt Ion: 77	Resp: 90518
Ion Ratio	Lower Upper
77 100	
182 79.9	7.3 47.3#
105 146.3	2.3 42.3#
51 38.3	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2388
Delta R.T. 0.006 min
Lab File: BP024596.D
Acq: 09 May 2025 18:29

Tgt Ion: 188	Resp: 444299
Ion Ratio	Lower Upper
188 100	
94 8.1	8.6 13.0#
80 9.8	9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.005 min

Lab File: BP024596.D

Acq: 09 May 2025 18:29

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05

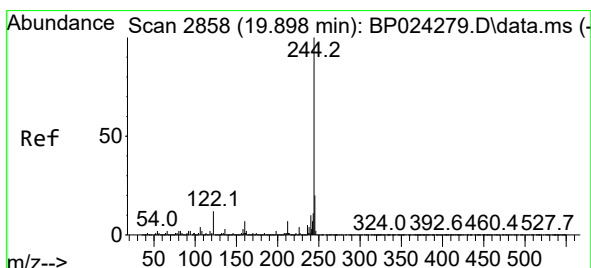
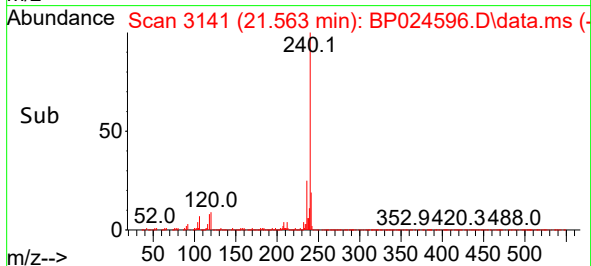
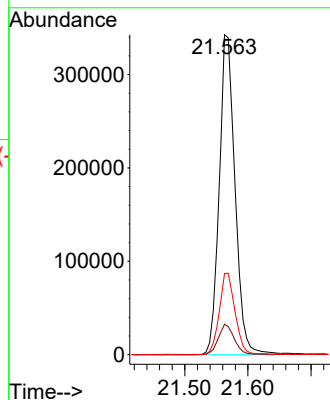
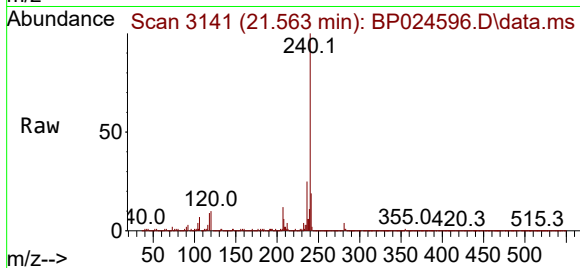
Tgt Ion:240 Resp: 596850

Ion Ratio Lower Upper

240 100

120 9.5 9.8 14.8#

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 59.683 ng

RT: 19.851 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP024596.D

Acq: 09 May 2025 18:29

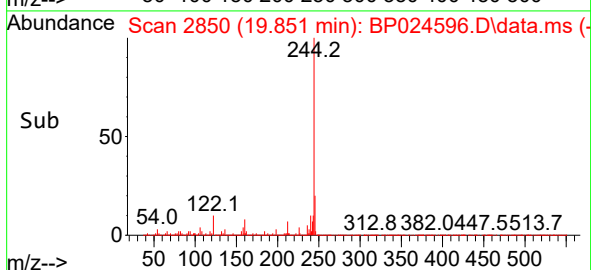
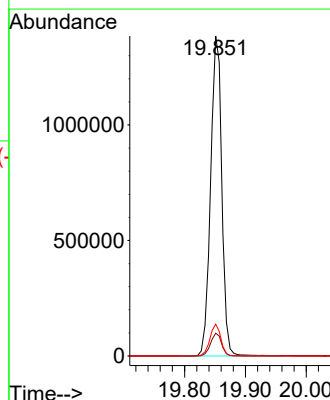
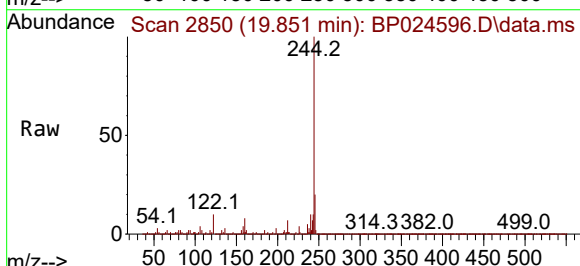
Tgt Ion:244 Resp: 1767277

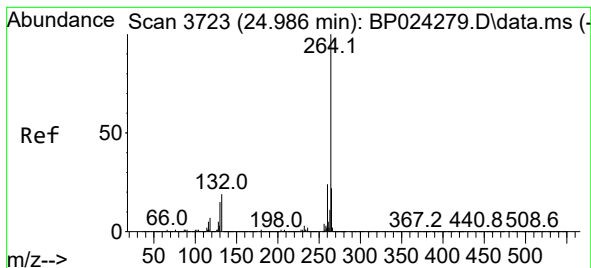
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.0 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.886 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024596.D

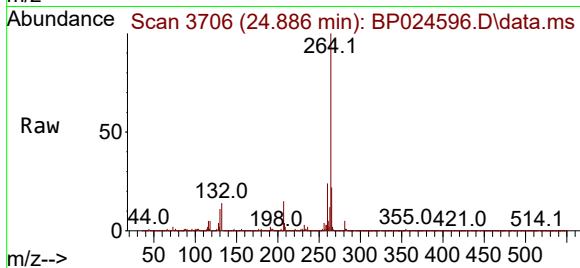
Acq: 09 May 2025 18:29

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Tgt Ion:264 Resp: 791149

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.6 17.8 26.6

