

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024316.D
 Acq On : 16 Apr 2025 17:57
 Operator : RC/JU
 Sample : Q1791-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 280791

Quant Time: Apr 16 18:18:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	321084	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	1251545	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	724425	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1384231	20.000	ng	-0.02
76) Chrysene-d12	21.604	240	1242831	20.000	ng	-0.02
86) Perylene-d12	24.974	264	1339249	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1946090	100.216	ng	0.00
7) Phenol-d6	6.910	99	2023974	76.118	ng	0.00
23) Nitrobenzene-d5	8.875	82	1893675	86.277	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1303826	130.086	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	4071008	86.043	ng	-0.01
79) Terphenyl-d14	19.898	244	6023056	97.683	ng	-0.02

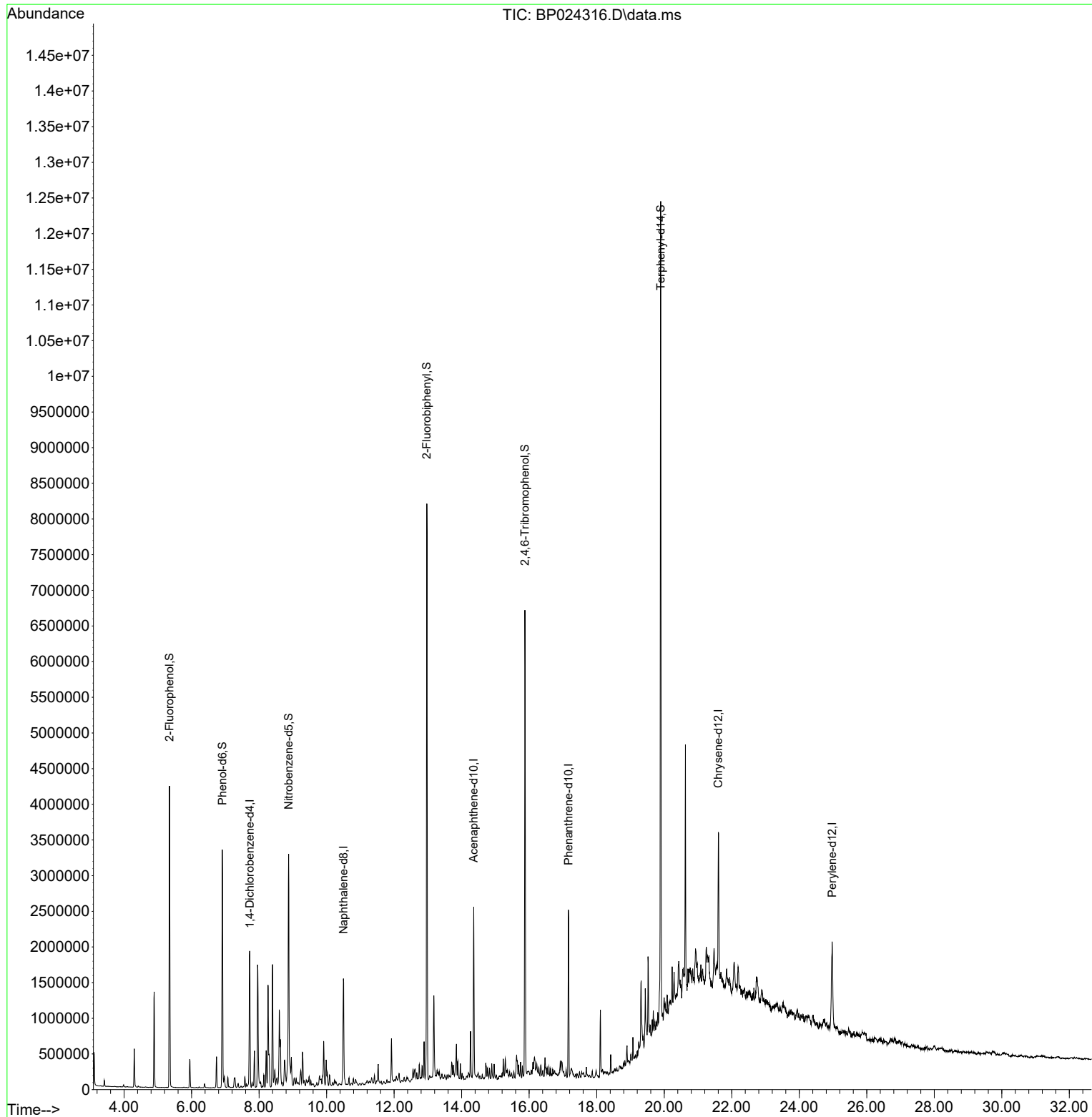
Target Compounds	Qvalue

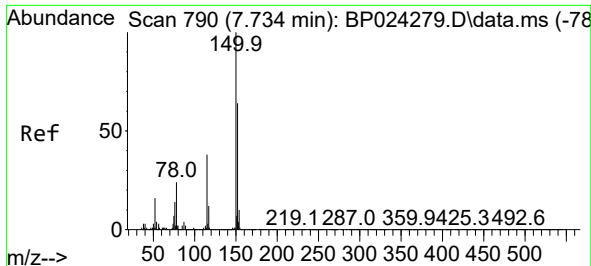
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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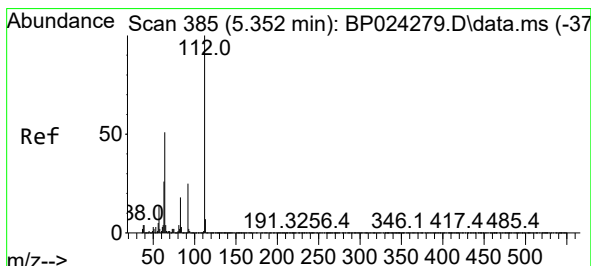
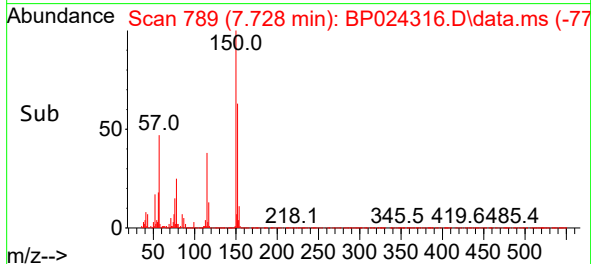
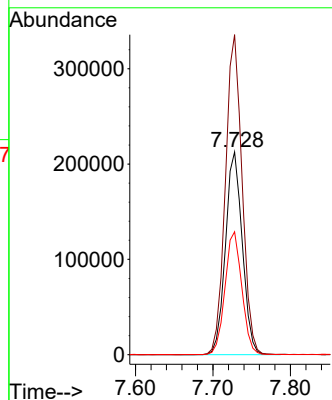
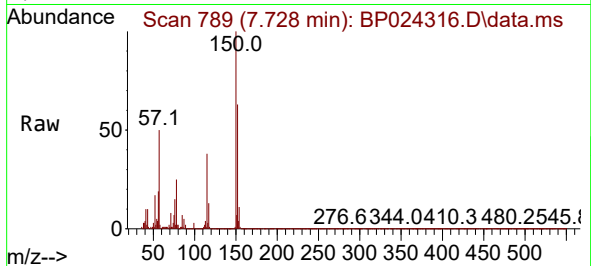




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

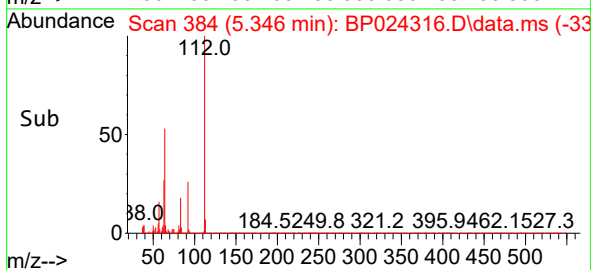
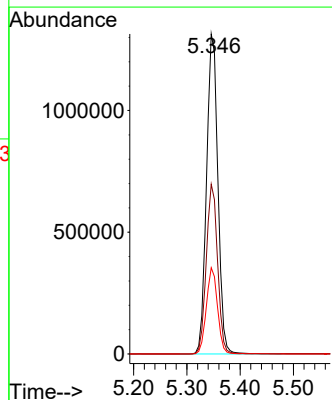
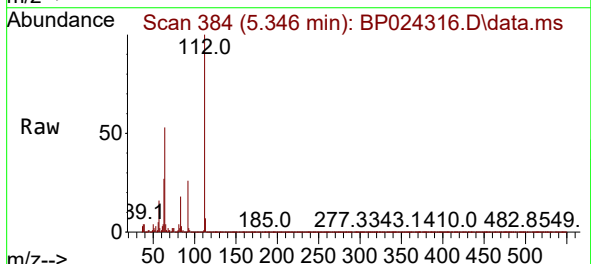
Instrument :
BNA_P
ClientSampleId :
280791

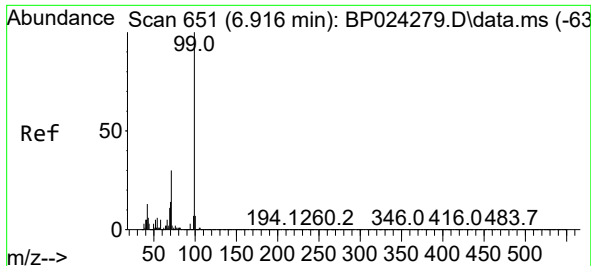
Tgt Ion:152 Resp: 321084
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 60.6 47.7 71.5



#5
2-Fluorophenol
Concen: 100.216 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

Tgt Ion:112 Resp: 1946090
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 26.9 20.6 30.8

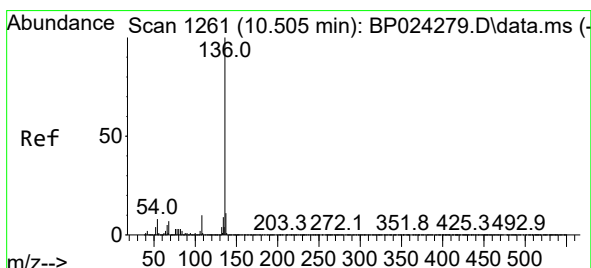
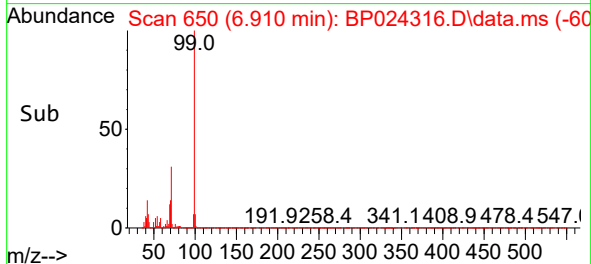
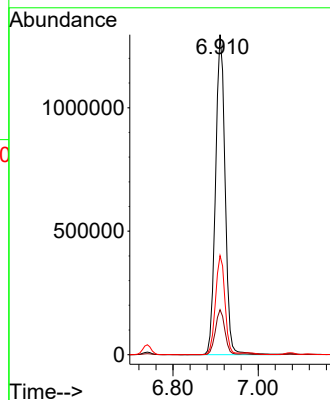
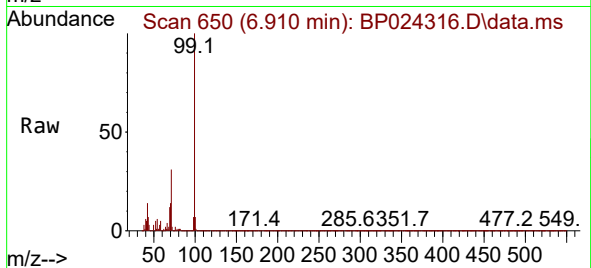




#7
Phenol-d6
Concen: 76.118 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

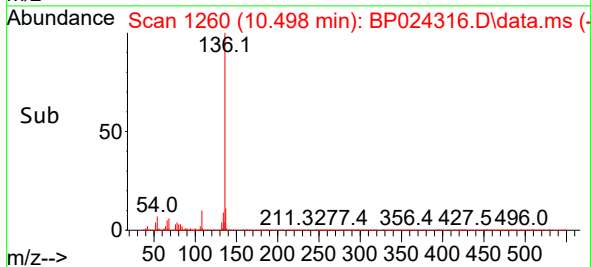
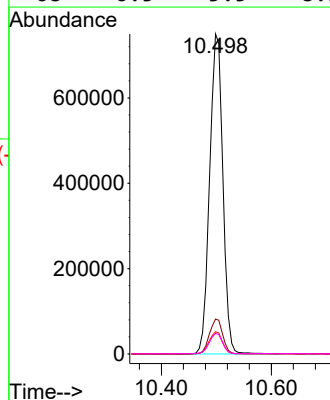
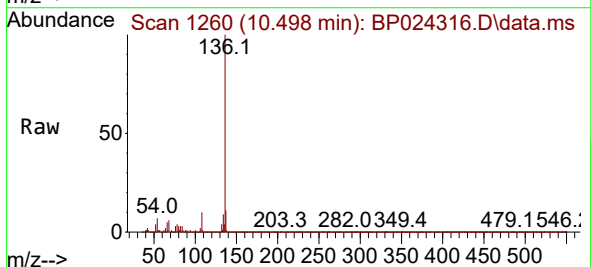
Instrument :
BNA_P
ClientSampleId :
280791

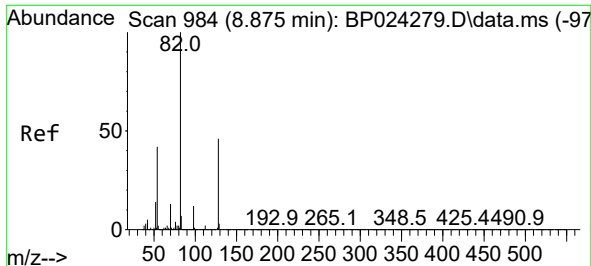
Tgt Ion: 99 Resp: 2023974
Ion Ratio Lower Upper
99 100
42 14.0 10.6 16.0
71 30.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

Tgt Ion: 136 Resp: 1251545
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.9 6.0 9.0
68 6.5 5.5 8.3

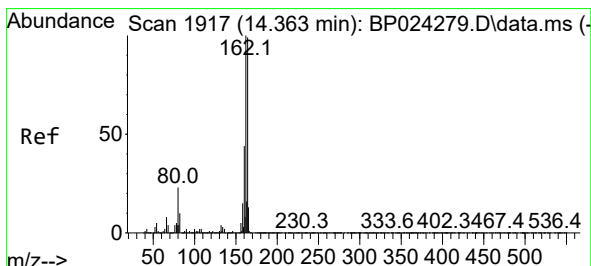
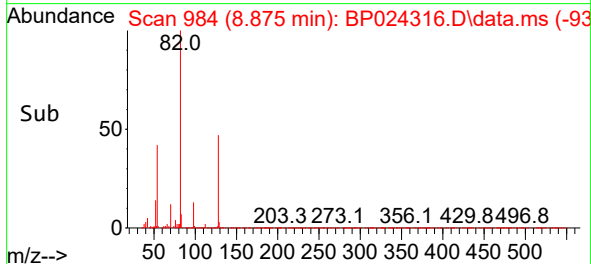
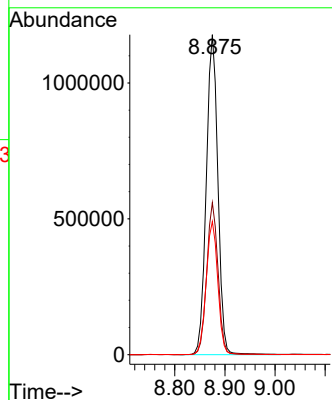
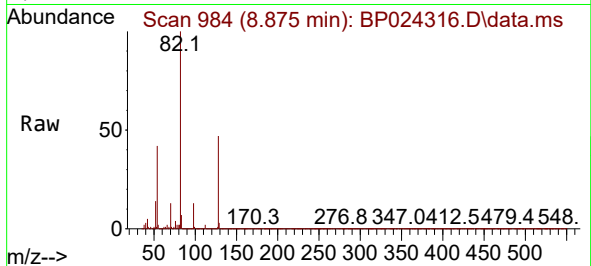




#23
 Nitrobenzene-d5
 Concen: 86.277 ng
 RT: 8.875 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024316.D
 Acq: 16 Apr 2025 17:57

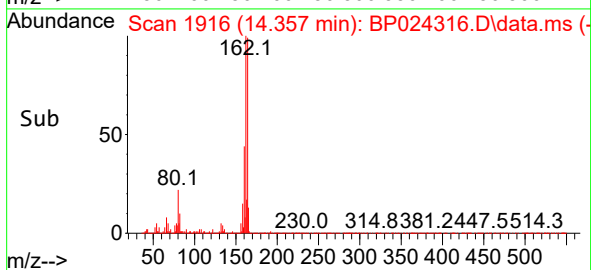
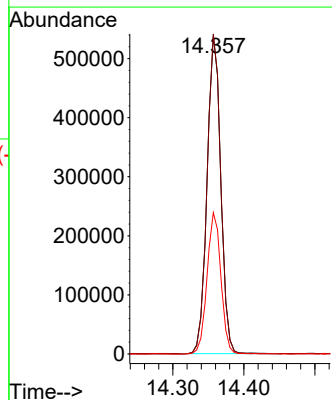
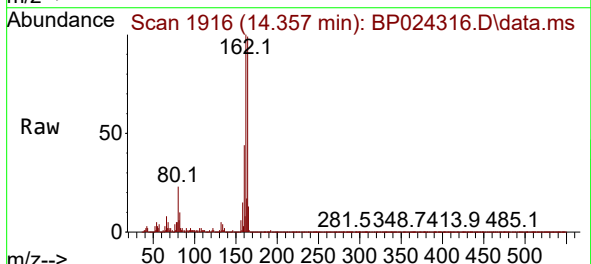
Instrument :
 BNA_P
 ClientSampleId :
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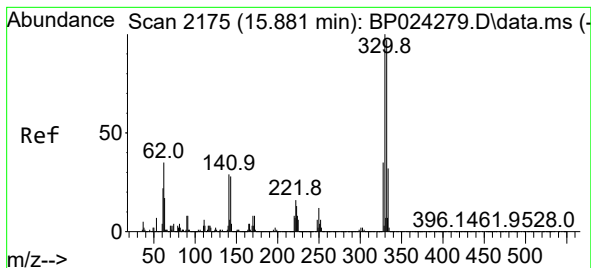
Tgt Ion: 82 Resp: 1893675
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.5 54.7
 54 41.6 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.357 min Scan# 1916
 Delta R.T. -0.012 min
 Lab File: BP024316.D
 Acq: 16 Apr 2025 17:57

Tgt Ion:164 Resp: 724425
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.6 120.8
 160 44.4 35.3 52.9

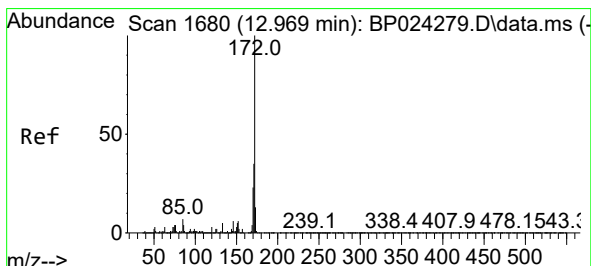
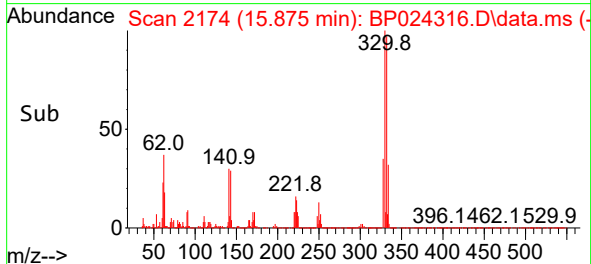
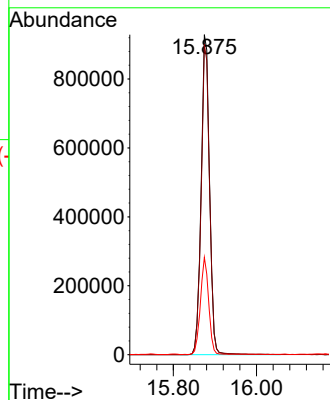
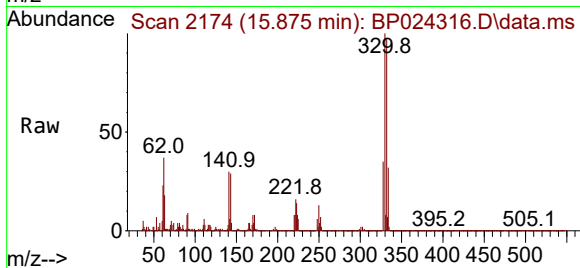




#42
2,4,6-Tribromophenol
Concen: 130.086 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

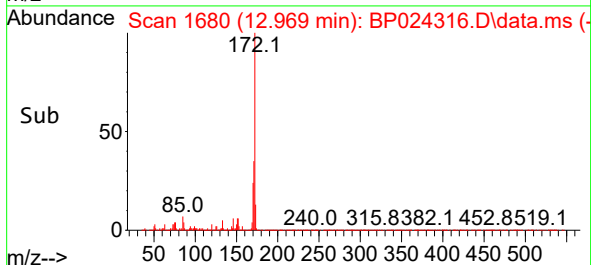
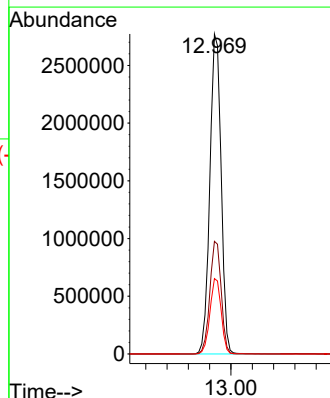
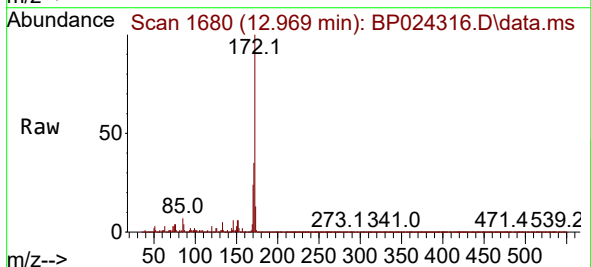
Instrument :
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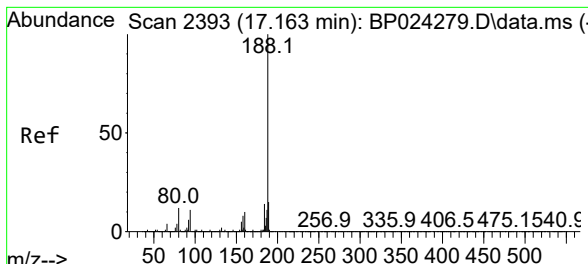
Tgt Ion:330 Resp: 1303826
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 86.043 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

Tgt Ion:172 Resp: 4071008
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.6 27.8



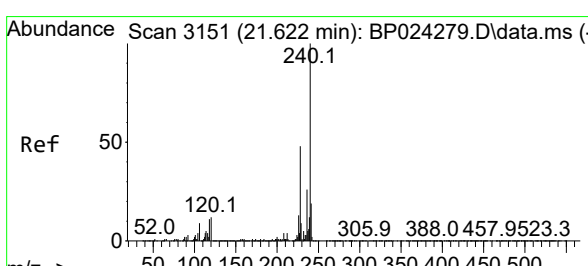
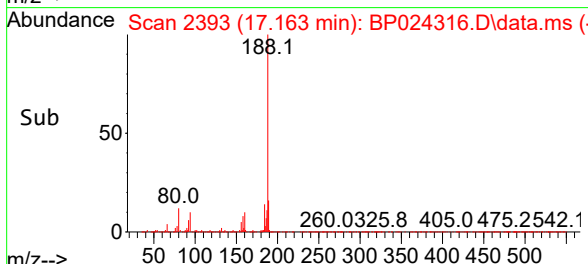
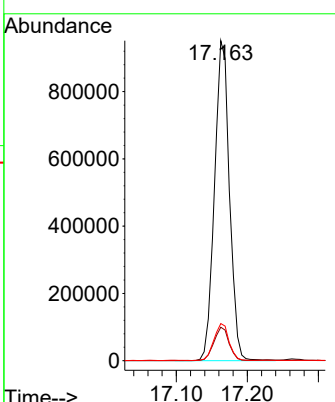
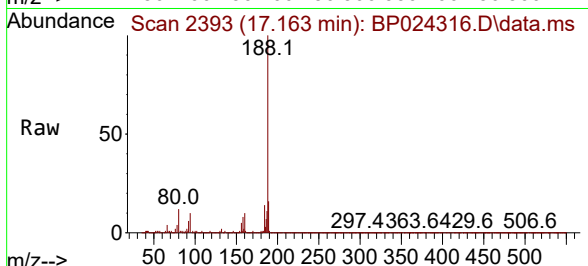


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.163 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024316.D
 Acq: 16 Apr 2025 17:57

Instrument :
 BNA_P
 ClientSampleId :
 280791

Tgt Ion:188 Resp: 1384231

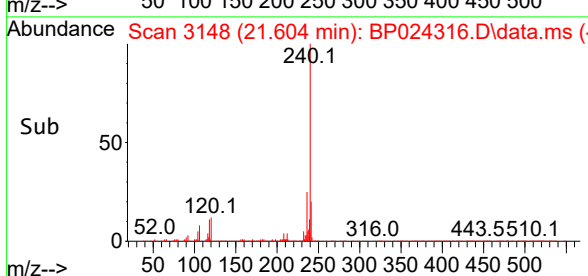
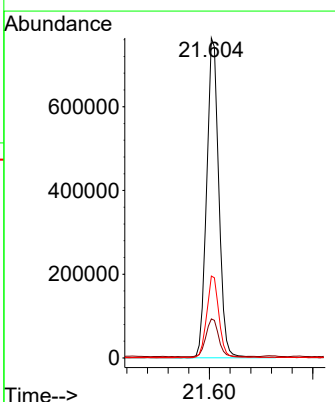
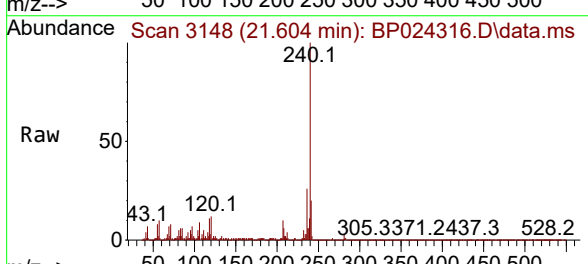
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.6	9.8	14.6

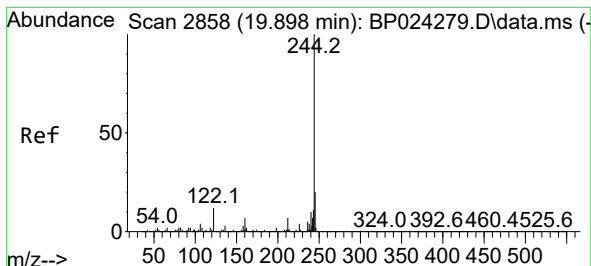


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.604 min Scan# 3148
 Delta R.T. -0.018 min
 Lab File: BP024316.D
 Acq: 16 Apr 2025 17:57

Tgt Ion:240 Resp: 1242831

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.8
236	25.6	20.9	31.3





#79

Terphenyl-d14

Concen: 97.683 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024316.D

Acq: 16 Apr 2025 17:57

Instrument :

BNA_P

ClientSampleId :

280791

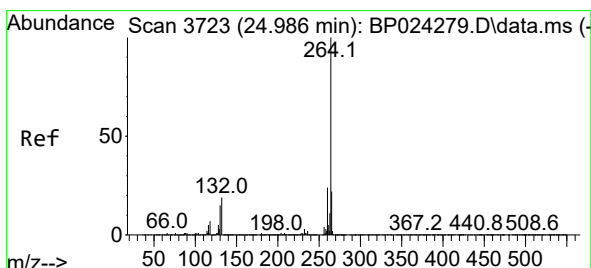
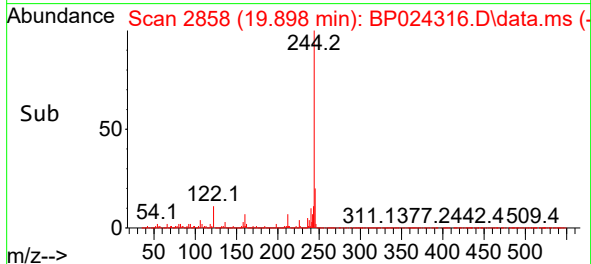
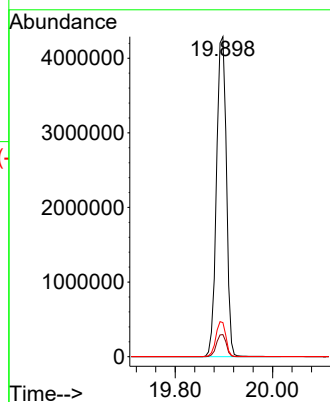
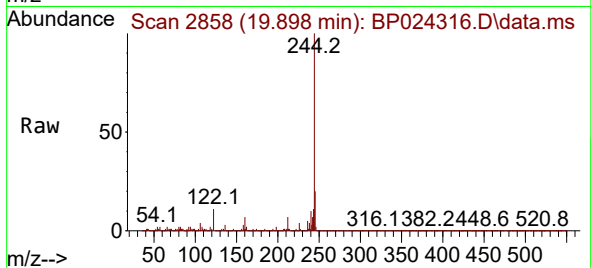
Tgt Ion:244 Resp: 6023056

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3721

Delta R.T. -0.012 min

Lab File: BP024316.D

Acq: 16 Apr 2025 17:57

Tgt Ion:264 Resp: 1339249

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.2 17.8 26.6

