

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

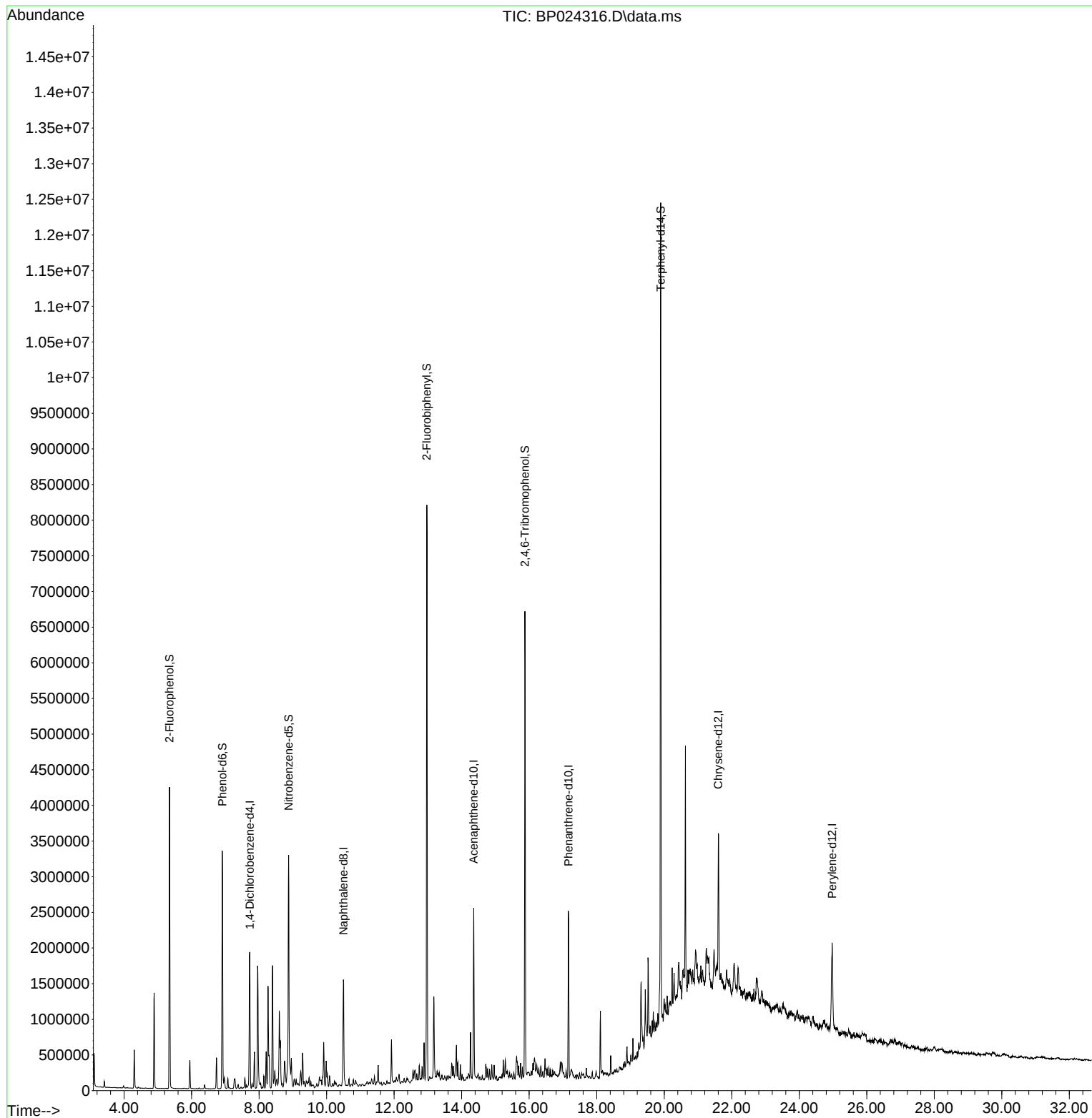
Target Compounds	Qvalue

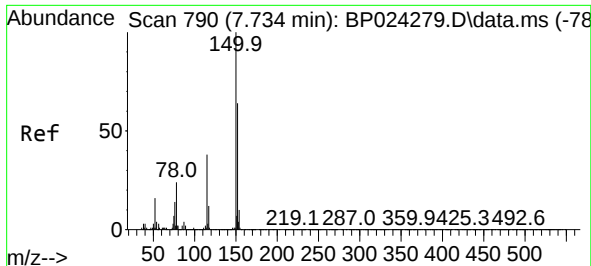
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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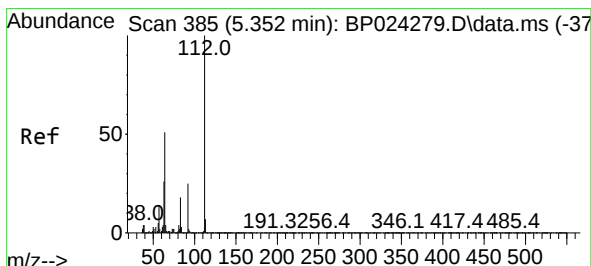
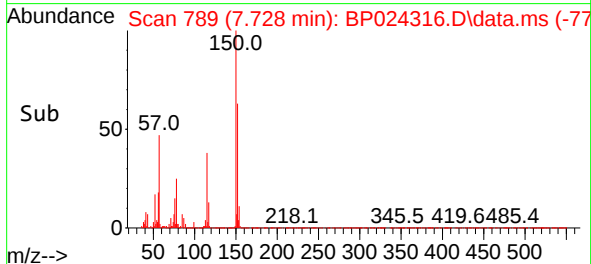
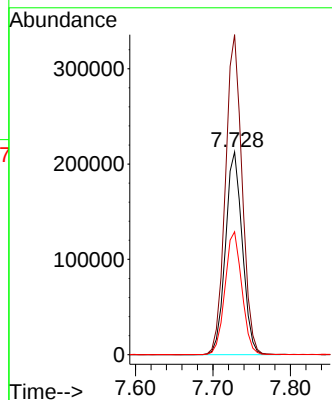
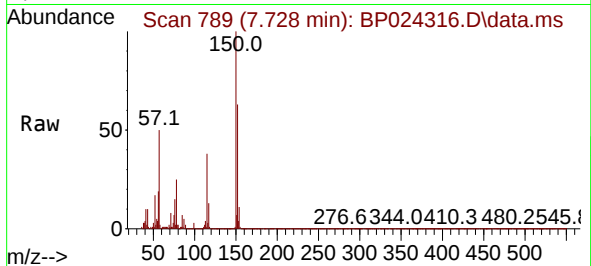




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BP024316.D
 Acq: 16 Apr 2025 17:57

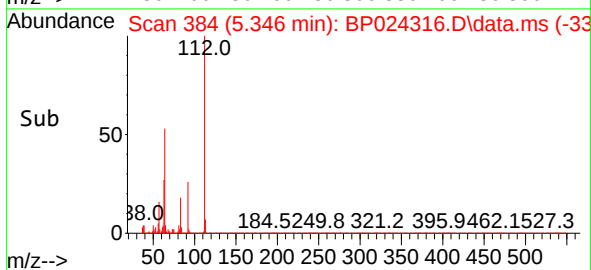
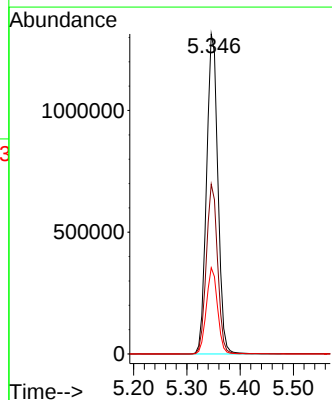
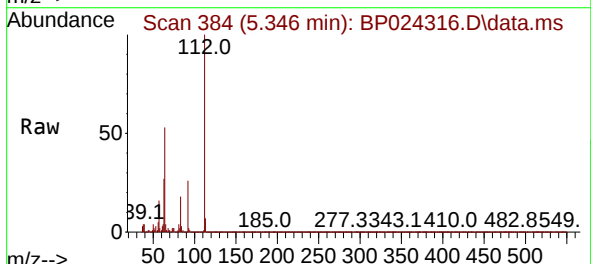
Instrument :
 BNA_P
 ClientSampleId :
 280791

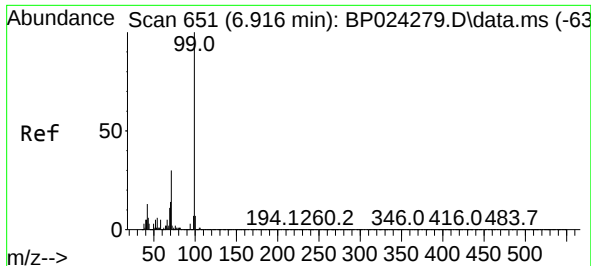
Tgt Ion:152 Resp: 321084
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.9 187.3
 115 60.6 47.7 71.5



#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

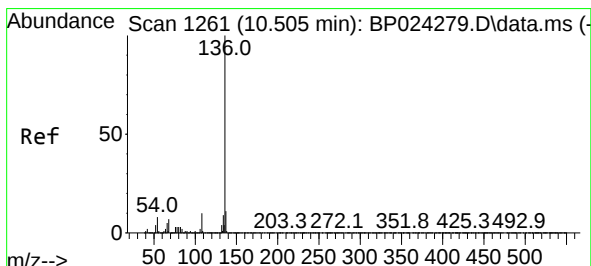
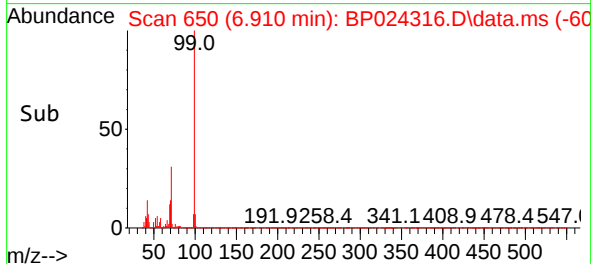
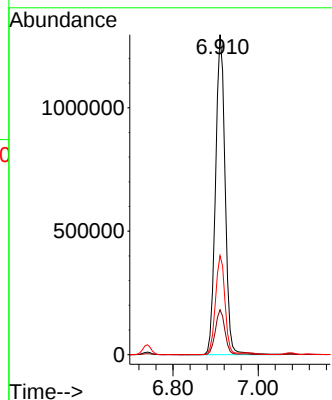
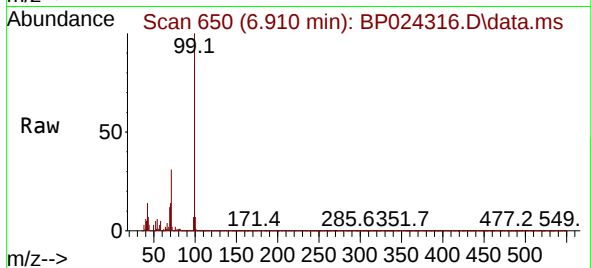




#7
Phenol-d6
Concen: 76.118 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

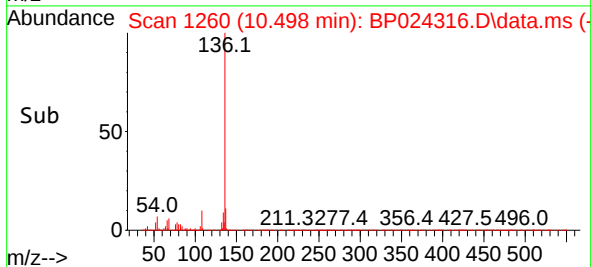
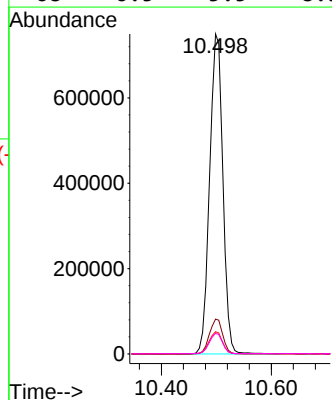
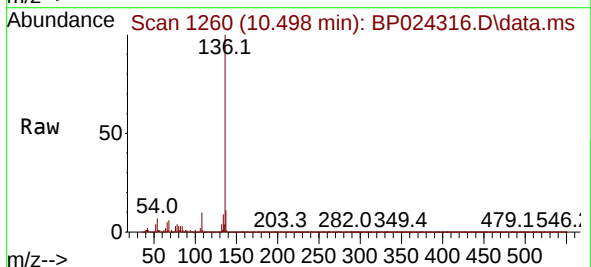
Instrument :
BNA_P
ClientSampleId :
280791

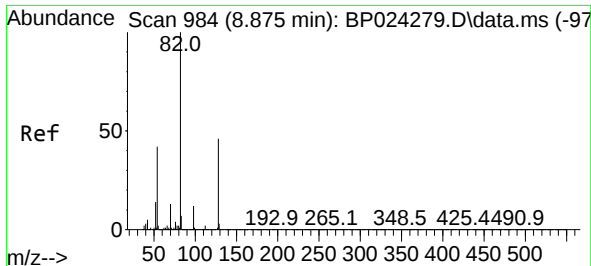
Tgt Ion: 99 Resp: 2023974
Ion Ratio Lower Upper
99 100
42 14.0 10.6 16.0
71 30.9 23.7 35.5



#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

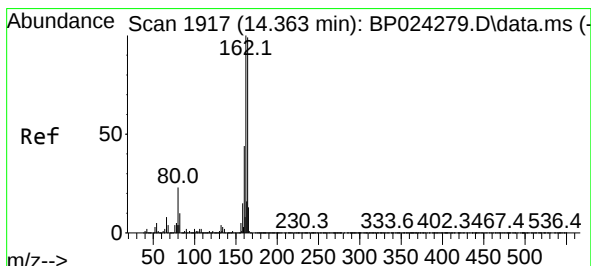
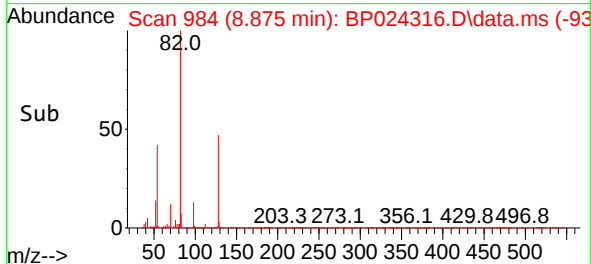
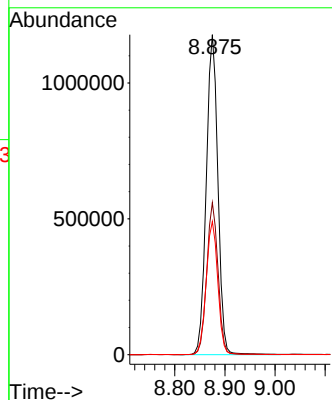
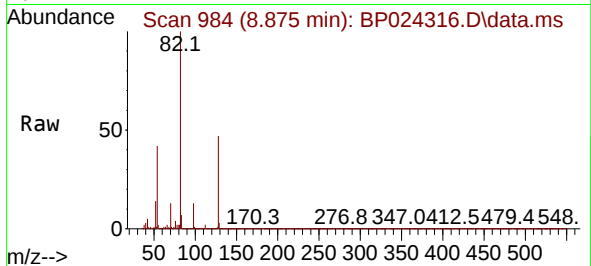




#23
Nitrobenzene-d5
Concen: 86.277 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

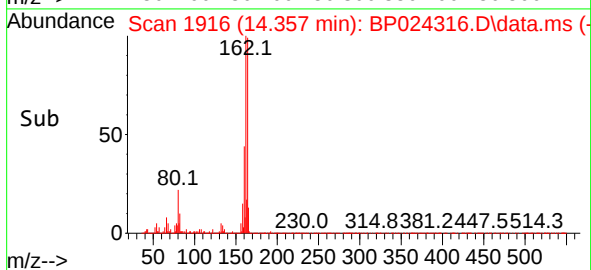
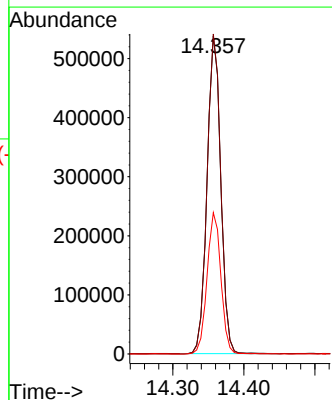
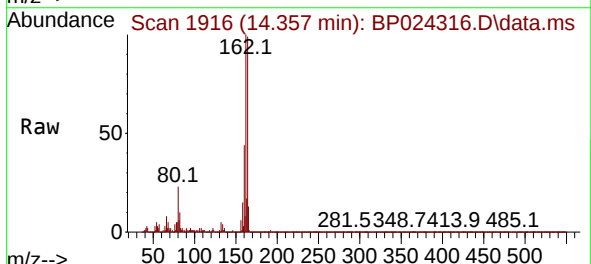
Instrument :
BNA_P
ClientSampleId :
280791

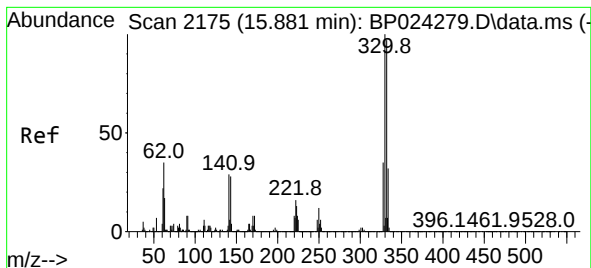
Tgt Ion: 82 Resp: 1893675
Ion Ratio Lower Upper
82 100
128 47.5 36.5 54.7
54 41.6 33.4 50.2



#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 :

BNA_P

ClientSampleId :

280791

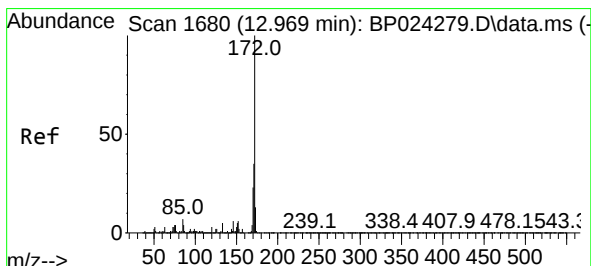
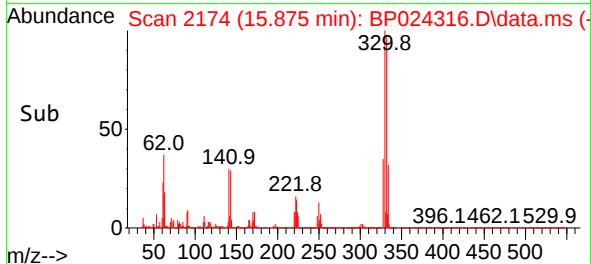
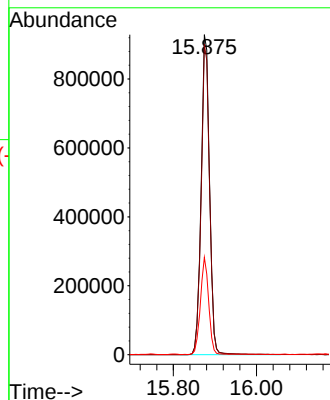
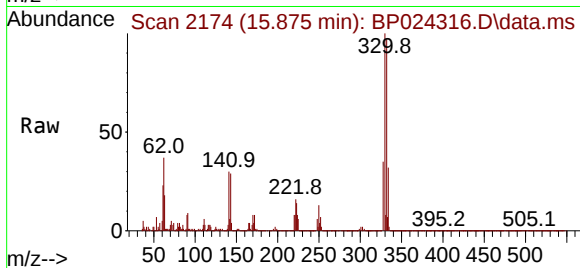
Tgt Ion:330 Resp: 1303826

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

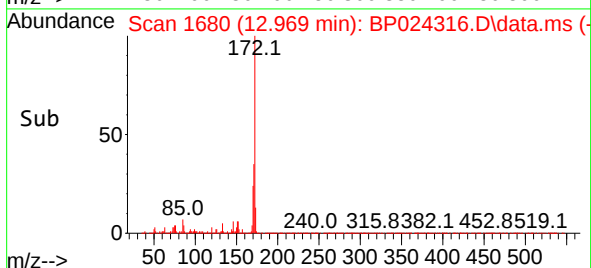
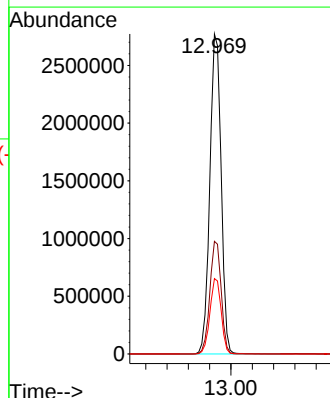
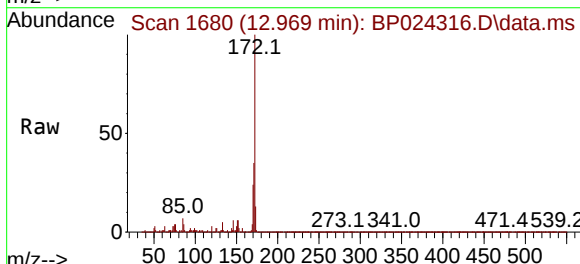
Tgt Ion:172 Resp: 4071008

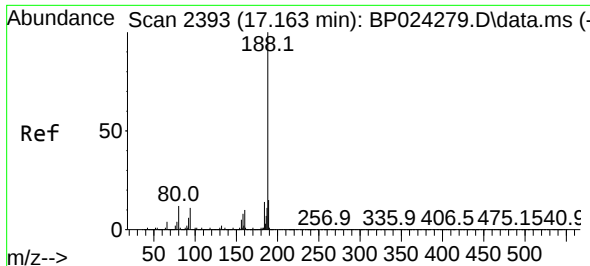
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.5 18.6 27.8

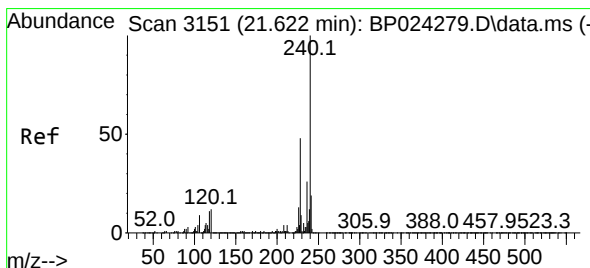
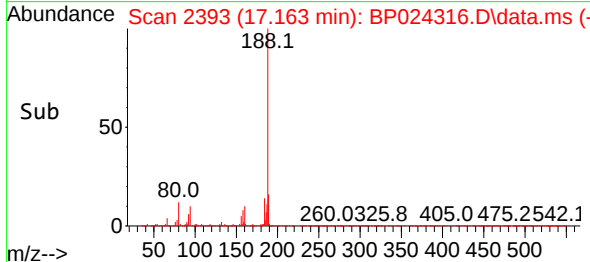
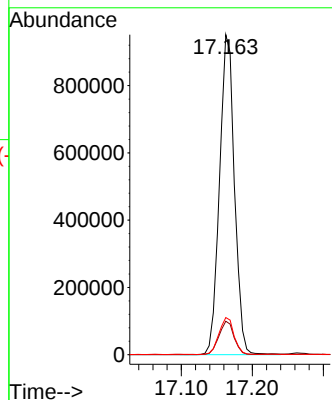
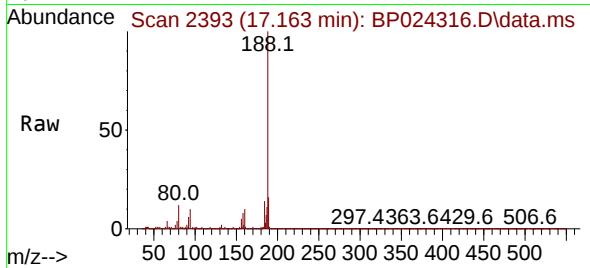




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024316.D
Acq: 16 Apr 2025 17:57

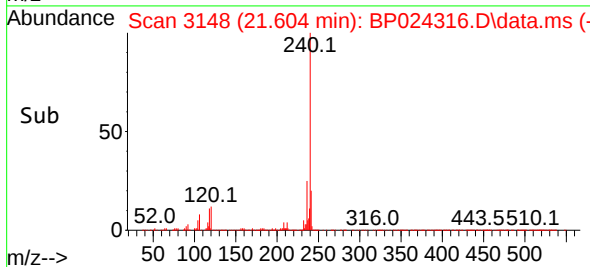
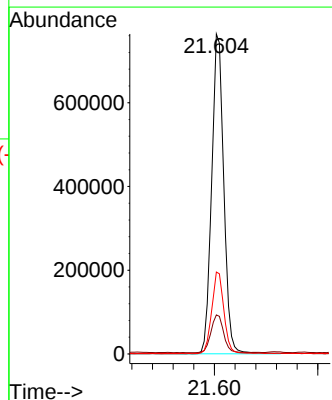
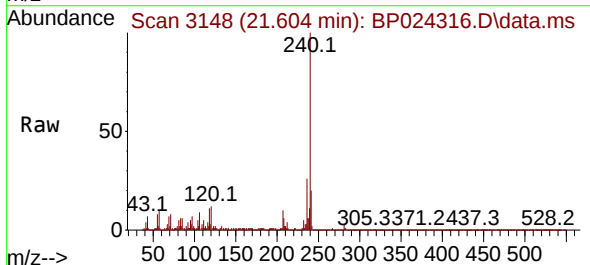
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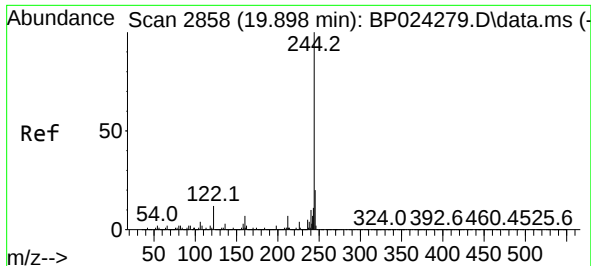
Tgt Ion:188 Resp: 1384231
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.6 9.8 14.6



#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

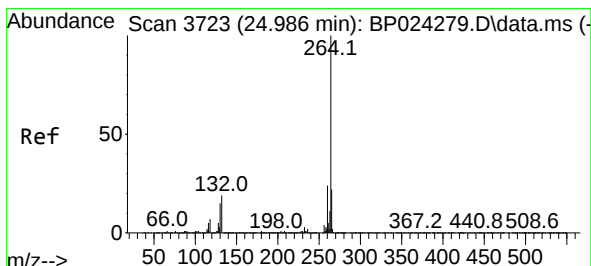
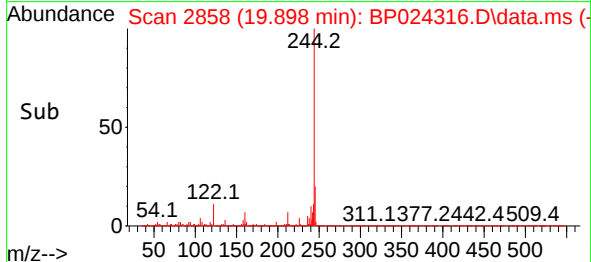
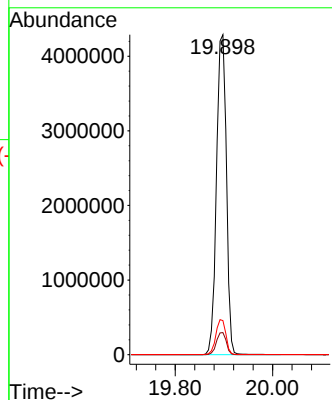
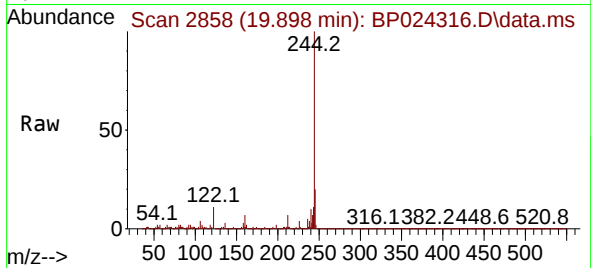




#79
 Terphenyl-d14
 Concen: 97.683 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024316.D
 Acq: 16 Apr 2025 17:57

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

