

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036854.D
 Acq On : 07 Apr 2025 15:30
 Operator : RC/JU
 Sample : PB167475BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167475BL

Quant Time: Apr 07 16:29:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1861	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	4270	0.400	ng	0.01
13) Acenaphthene-d10	14.345	164	2449	0.400	ng	0.01
19) Phenanthrene-d10	17.099	188	4708	0.400	ng	# 0.02
29) Chrysene-d12	21.286	240	4003	0.400	ng	0.02
35) Perylene-d12	23.522	264	3652	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1829	0.422	ng	0.00
5) Phenol-d6	6.872	99	1933	0.361	ng	0.00
8) Nitrobenzene-d5	8.854	82	1419	0.305	ng	0.01
11) 2-Methylnaphthalene-d10	12.096	152	2081	0.328	ng	0.03
14) 2,4,6-Tribromophenol	15.858	330	270	0.243	ng	0.02
15) 2-Fluorobiphenyl	12.983	172	3708	0.260	ng	0.03
27) Fluoranthene-d10	19.122	212	4981	0.413	ng	0.00
31) Terphenyl-d14	19.726	244	3383	0.353	ng	0.00

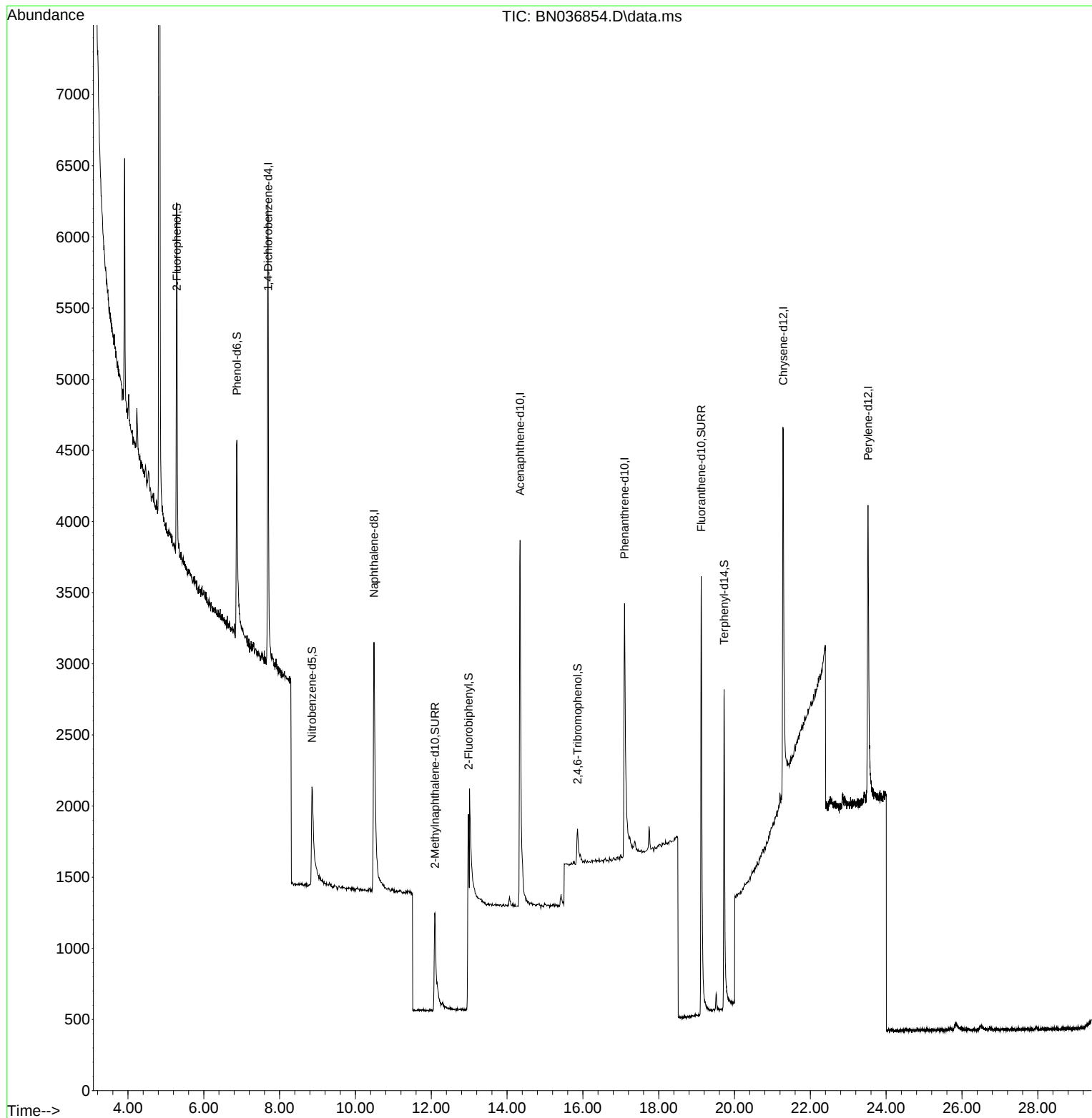
Target Compounds Qvalue

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

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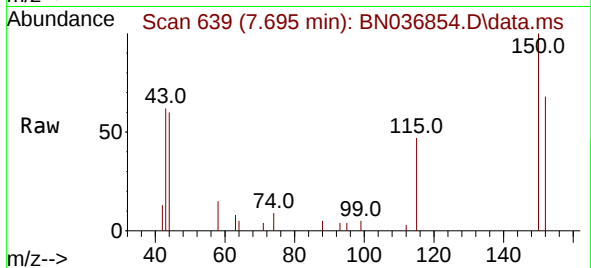
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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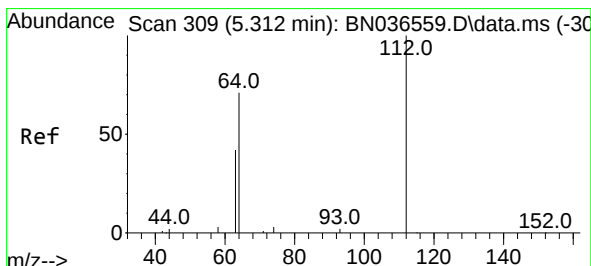
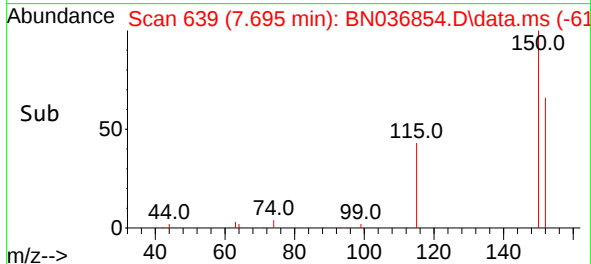
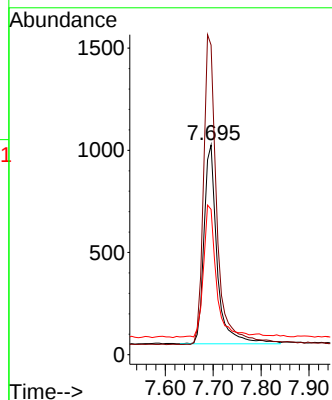
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN036854.D
 Acq: 07 Apr 2025 15:30

Instrument :
 BNA_N
 ClientSampleId :
 PB167475BL



Tgt Ion:152 Resp: 1861

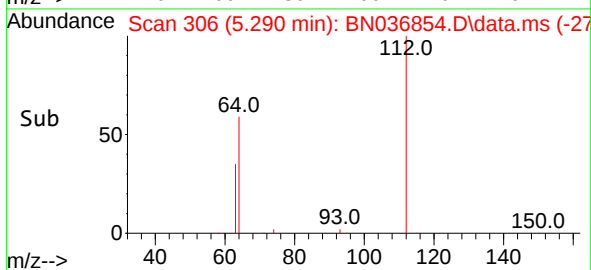
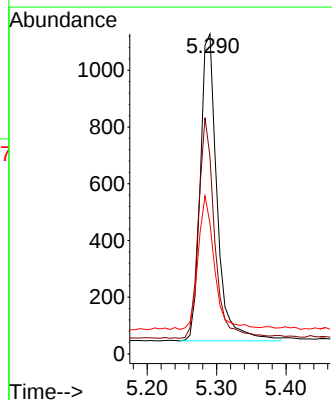
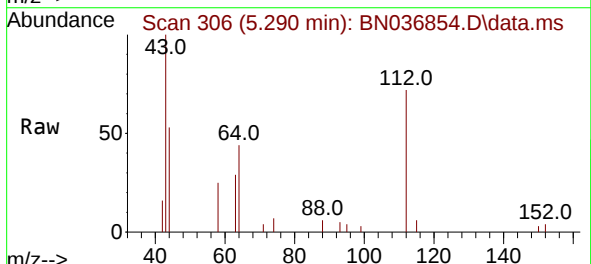
Ion	Ratio	Lower	Upper
152	100		
150	147.7	123.7	185.5
115	69.3	54.3	81.5



#4
 2-Fluorophenol
 Concen: 0.422 ng
 RT: 5.290 min Scan# 306
 Delta R.T. 0.007 min
 Lab File: BN036854.D
 Acq: 07 Apr 2025 15:30

Tgt Ion:112 Resp: 1829

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.1	79.7
63	42.2	31.8	47.8

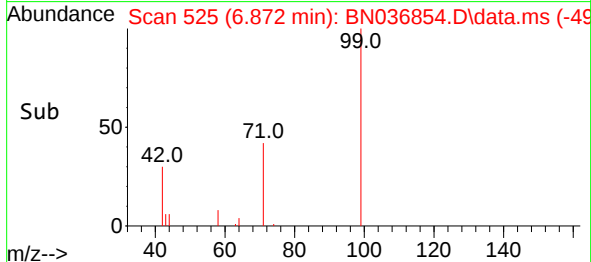
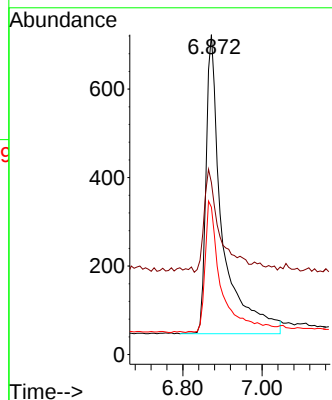
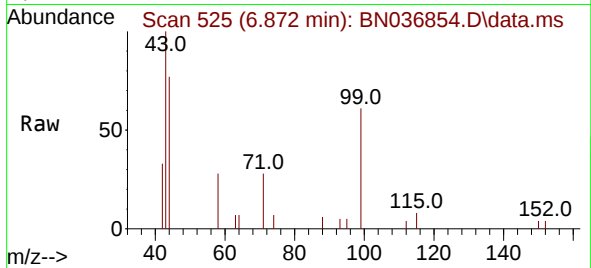




#5
Phenol-d6
Concen: 0.361 ng
RT: 6.872 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

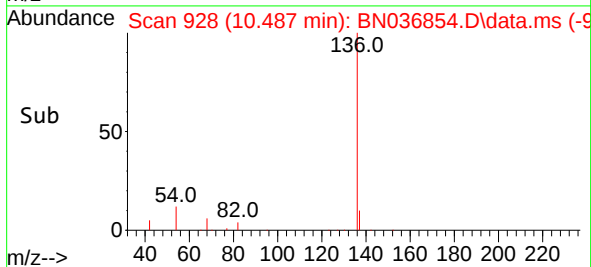
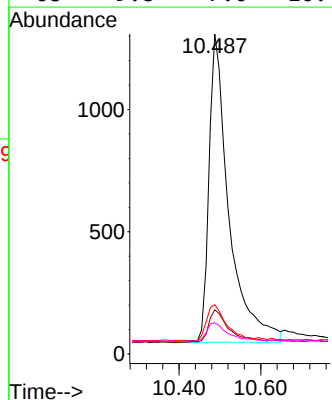
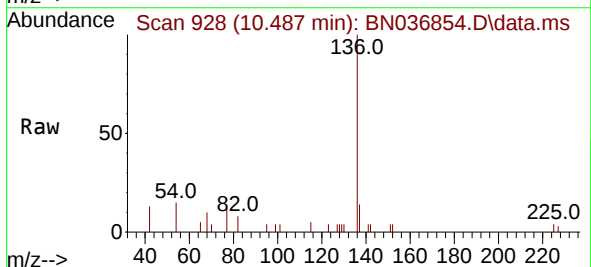
Instrument :
BNA_N
ClientSampleId :
PB167475BL

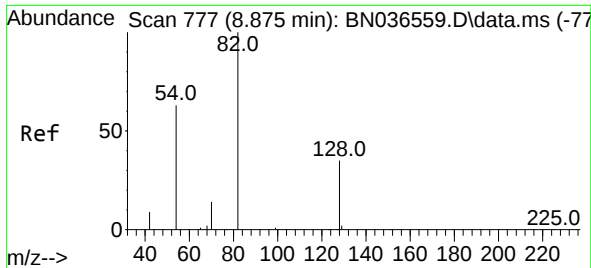
Tgt Ion: 99 Resp: 1933
Ion Ratio Lower Upper
99 100
42 33.3 26.5 39.7
71 43.7 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. 0.011 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion: 136 Resp: 4270
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.4 11.5 17.3
68 9.8 7.0 10.4

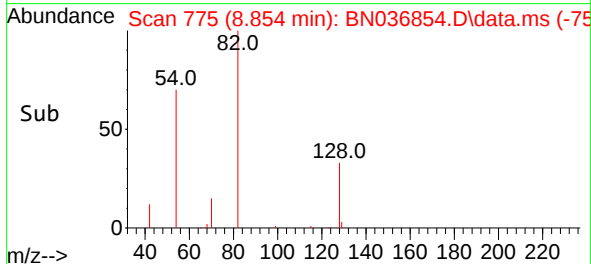
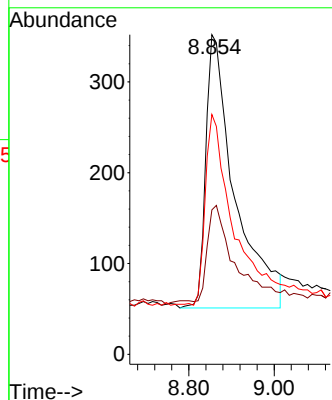
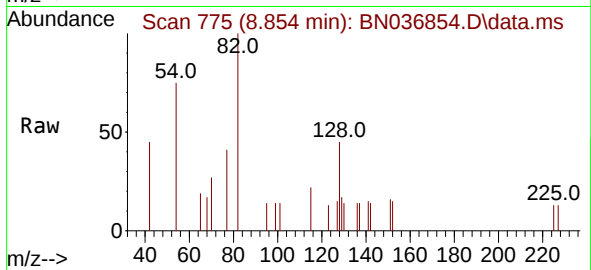




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

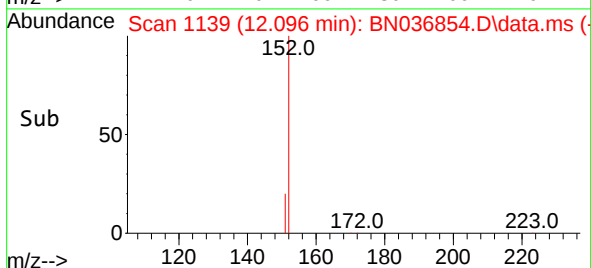
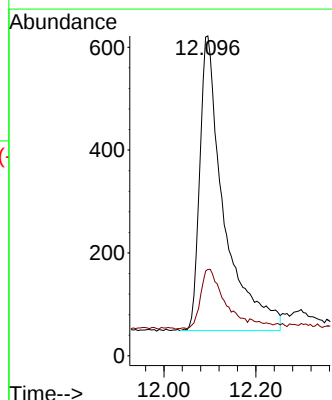
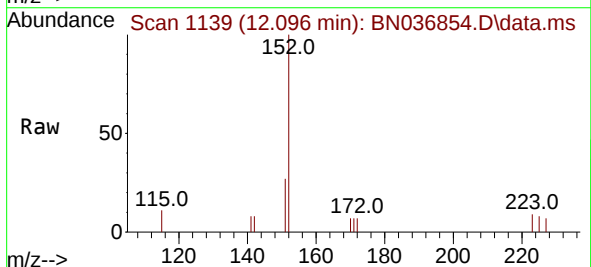
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BNA_N
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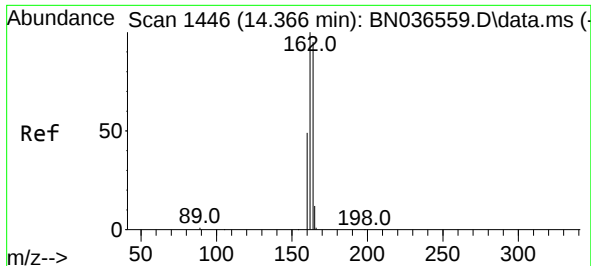
Tgt Ion: 82 Resp: 1419
Ion Ratio Lower Upper
82 100
128 45.2 30.6 45.8
54 75.0 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.096 min Scan# 1139
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion: 152 Resp: 2081
Ion Ratio Lower Upper
152 100
151 19.9 17.0 25.6

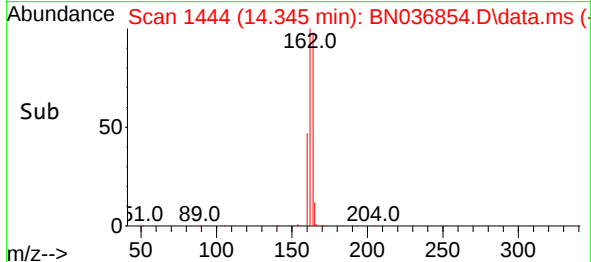
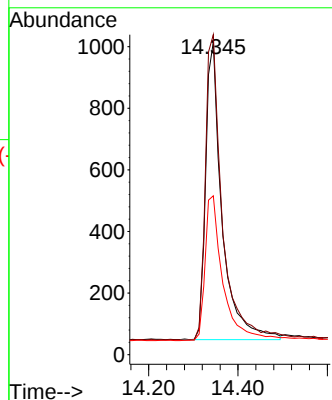
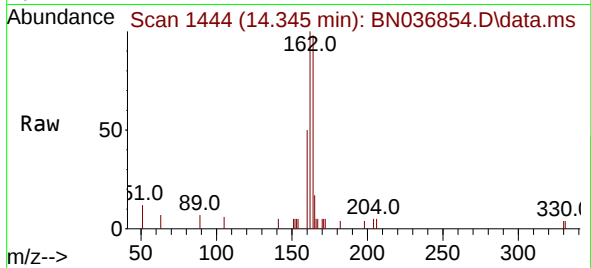




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.345 min Scan# 1444
 Delta R.T. 0.011 min
 Lab File: BN036854.D
 Acq: 07 Apr 2025 15:30

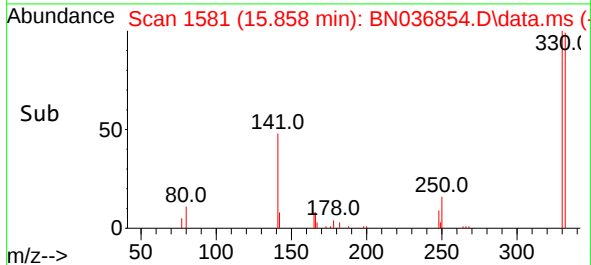
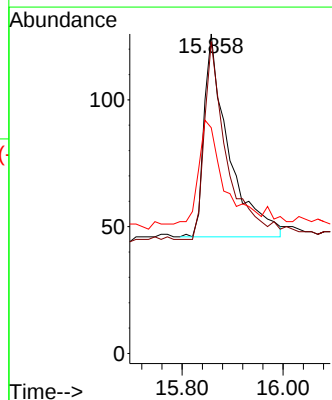
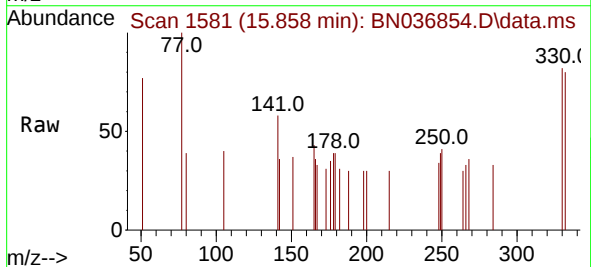
Instrument :
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 ClientSampleId :
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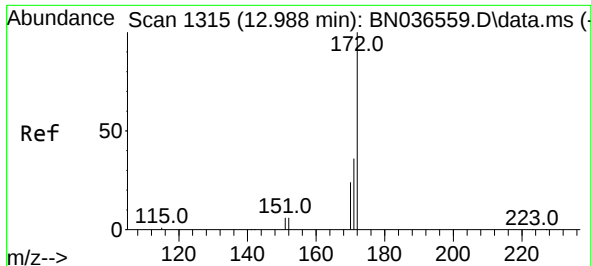
Tgt Ion:164 Resp: 2449
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.2 126.2
 160 50.8 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 0.243 ng
 RT: 15.858 min Scan# 1581
 Delta R.T. 0.025 min
 Lab File: BN036854.D
 Acq: 07 Apr 2025 15:30

Tgt Ion:330 Resp: 270
 Ion Ratio Lower Upper
 330 100
 332 91.9 75.2 112.8
 141 51.9 43.4 65.2

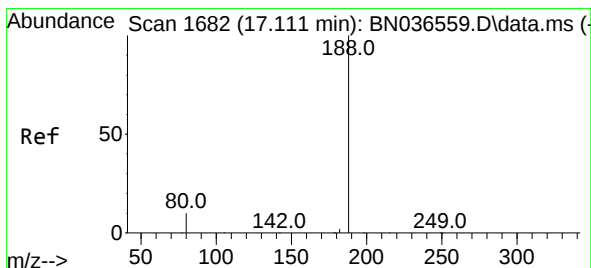
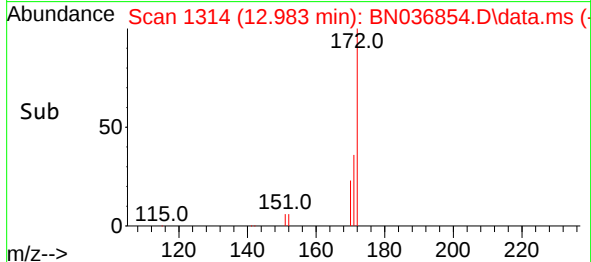
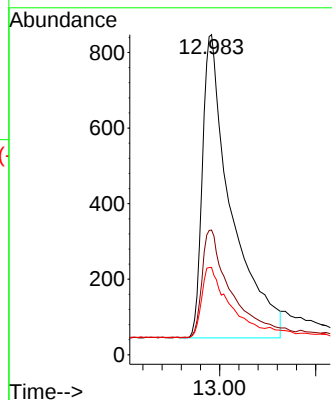
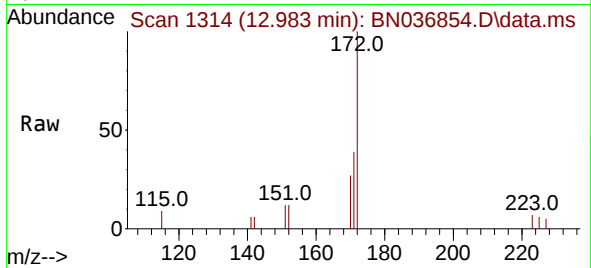




#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.983 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

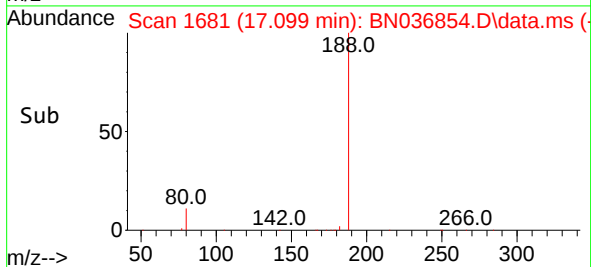
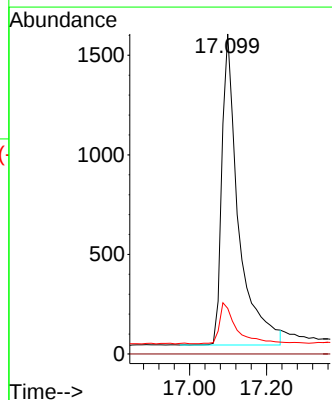
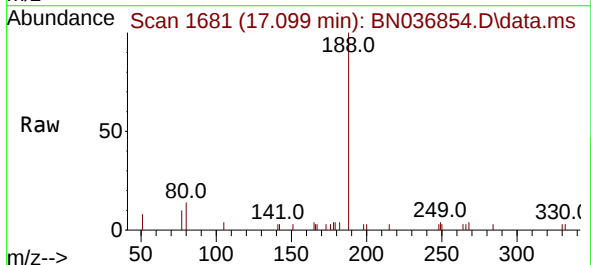
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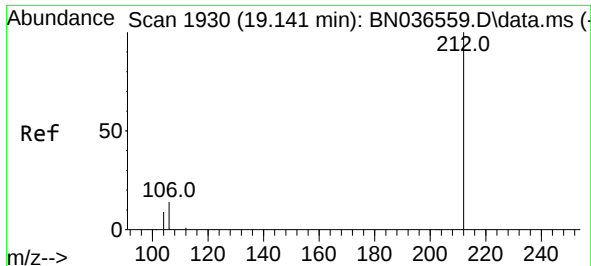
Tgt Ion:172 Resp: 3708
Ion Ratio Lower Upper
172 100
171 39.0 29.5 44.3
170 27.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:188 Resp: 4708
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 8.8 13.2#

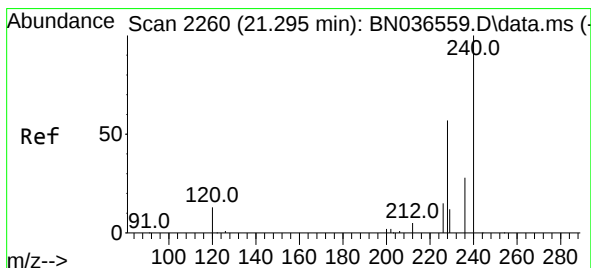
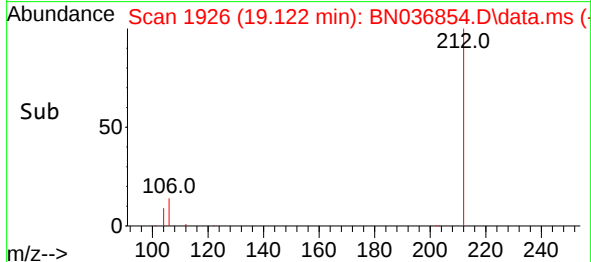
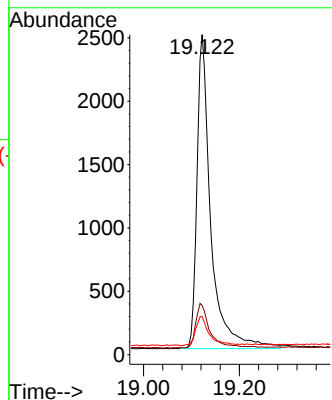
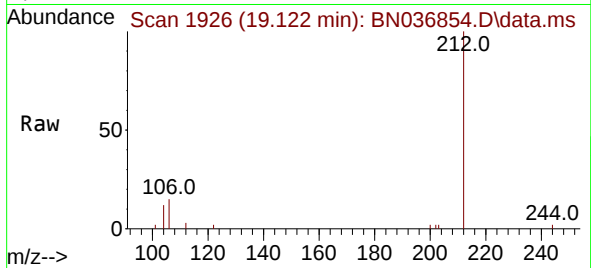




#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.122 min Scan# 1926
Delta R.T. 0.009 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

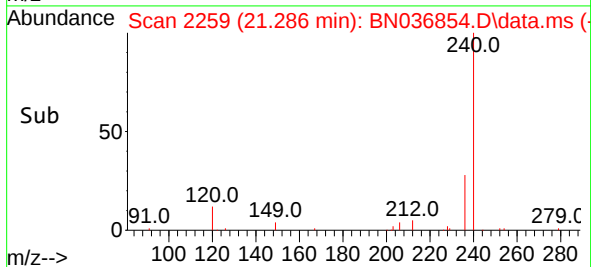
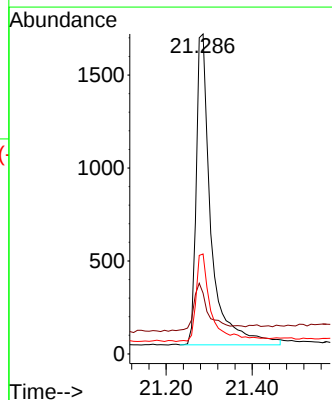
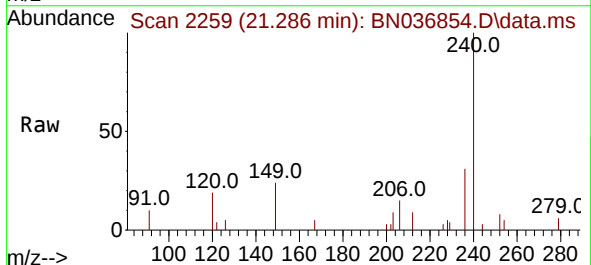
Instrument :
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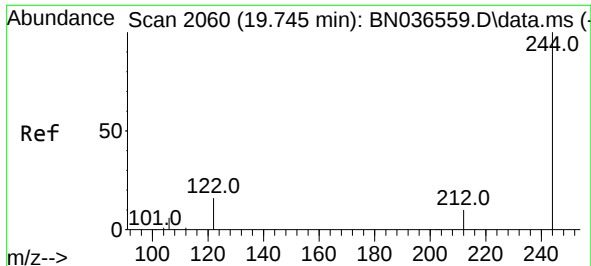
Tgt Ion:212 Resp: 4981
Ion Ratio Lower Upper
212 100
106 14.1 11.8 17.6
104 9.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

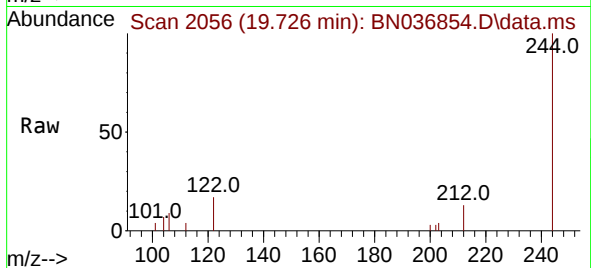
Tgt Ion:240 Resp: 4003
Ion Ratio Lower Upper
240 100
120 19.0 14.6 22.0
236 31.3 24.1 36.1



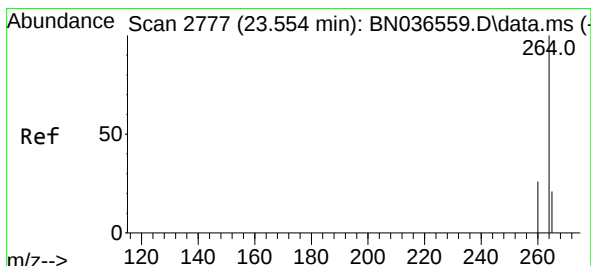
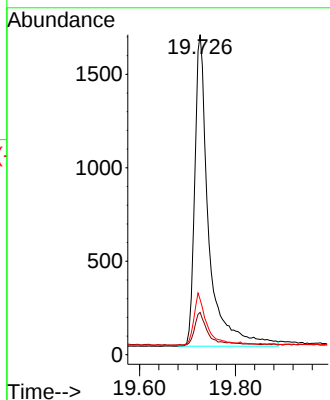
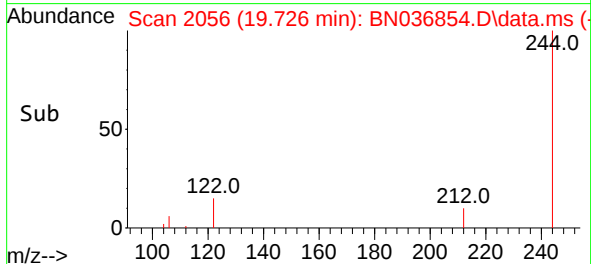


#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.726 min Scan# 2056
Delta R.T. 0.009 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 3383
Ion Ratio Lower Upper
244 100
212 13.2 9.6 14.4
122 17.3 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. 0.012 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:264 Resp: 3652
Ion Ratio Lower Upper
264 100
260 27.4 22.6 33.8
265 93.4 88.1 132.1

