

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036567.D
 Acq On : 10 Mar 2025 18:26
 Operator : RC/JU
 Sample : Q1531-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20250306

Quant Time: Mar 11 00:52:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

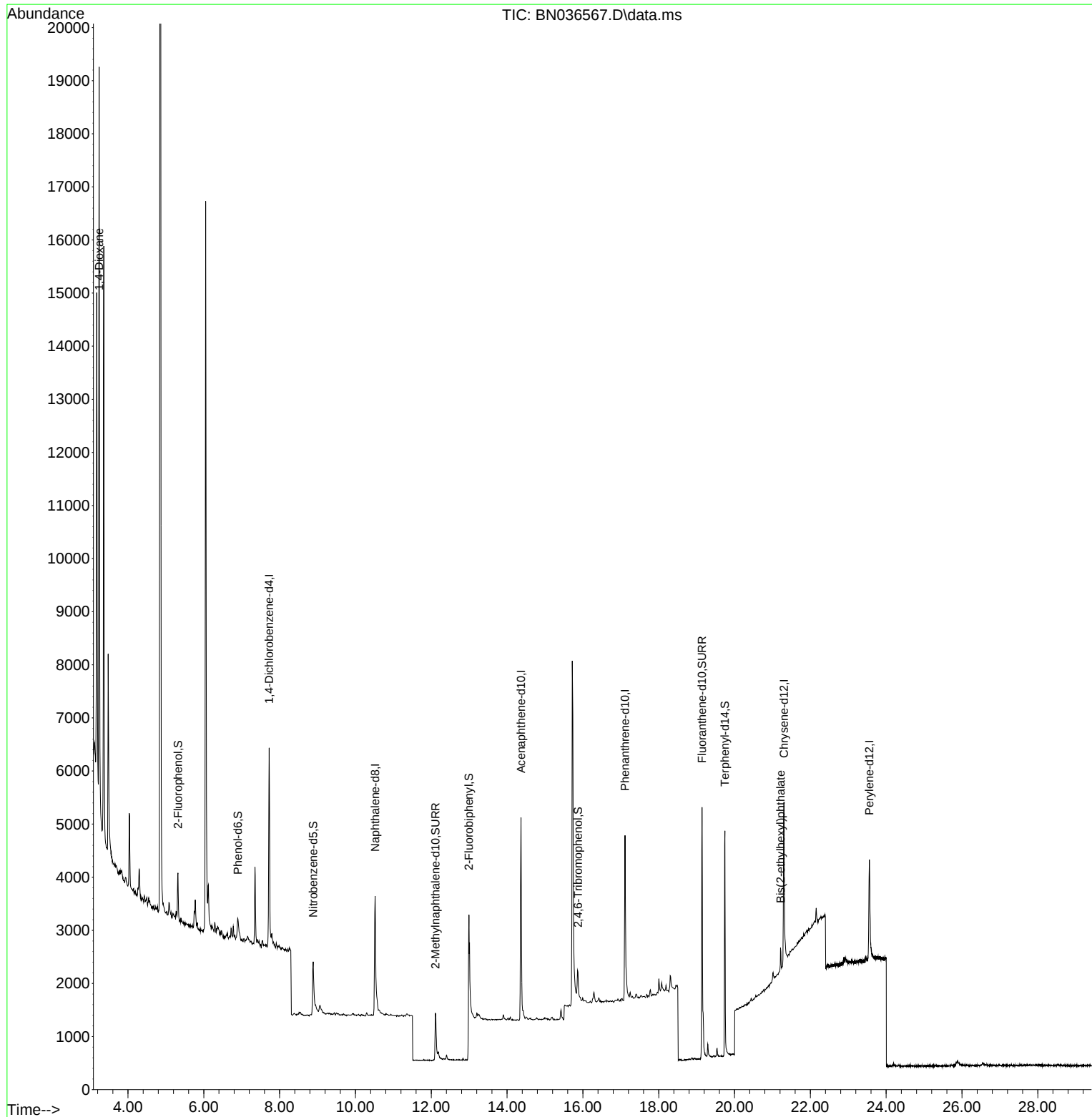
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1865	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4078	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2447	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5134	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	3745	0.400	ng	0.00
35) Perylene-d12	23.557	264	3091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	656	0.151	ng	0.00
5) Phenol-d6	6.901	99	386	0.072	ng	0.00
8) Nitrobenzene-d5	8.886	82	1357	0.306	ng	0.01
11) 2-Methylnaphthalene-d10	12.111	152	1961	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	424	0.382	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	4605	0.323	ng	0.00
27) Fluoranthene-d10	19.141	212	5825	0.443	ng	0.00
31) Terphenyl-d14	19.745	244	4241	0.473	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	7136	3.449	ng	Qvalue 96
34) Bis(2-ethylhexyl)phtha...	21.214	149	483	0.052	ng	# 97

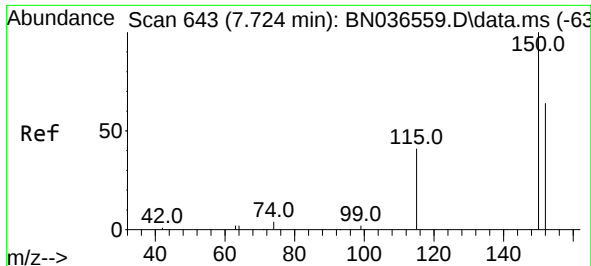
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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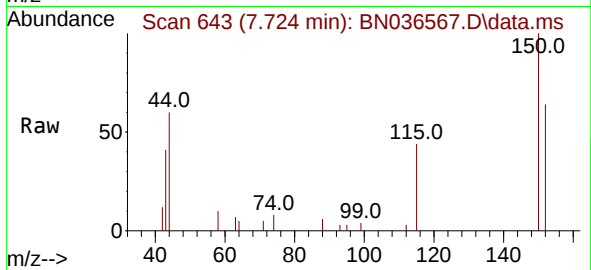
Quant Time: Mar 11 00:52:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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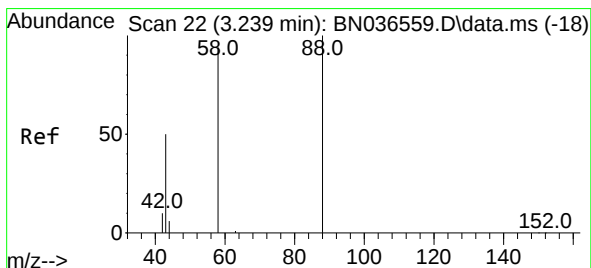
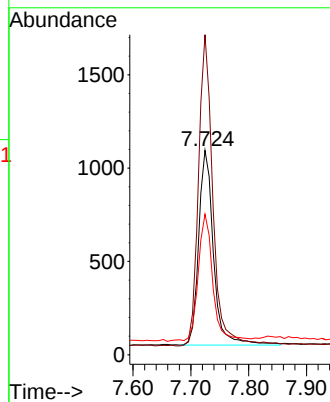
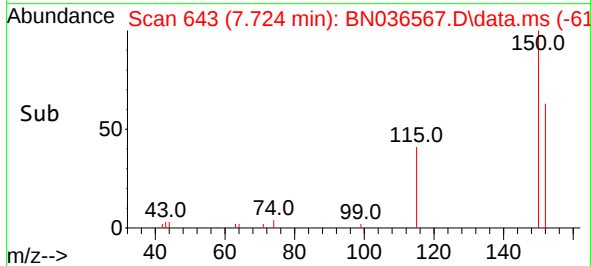


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036567.D
 Acq: 10 Mar 2025 18:26

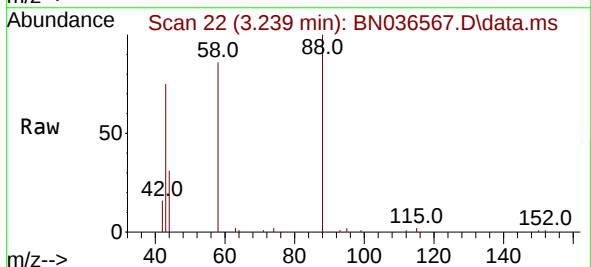
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20250306



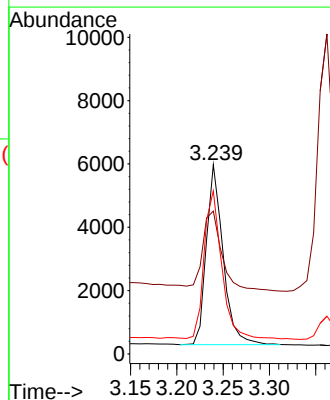
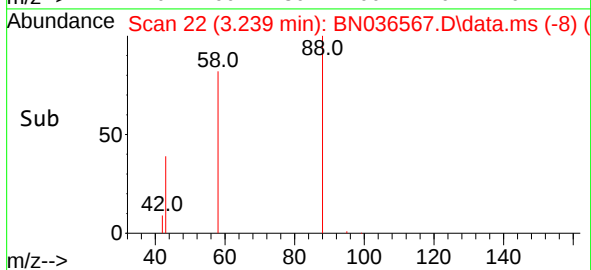
Tgt Ion:152 Resp: 1865
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.7 185.5
 115 68.8 54.3 81.5

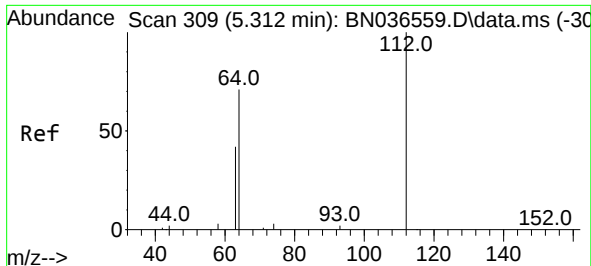


#2
 1,4-Dioxane
 Concen: 3.449 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036567.D
 Acq: 10 Mar 2025 18:26



Tgt Ion: 88 Resp: 7136
 Ion Ratio Lower Upper
 88 100
 43 51.3 37.8 56.8
 58 86.3 67.4 101.2

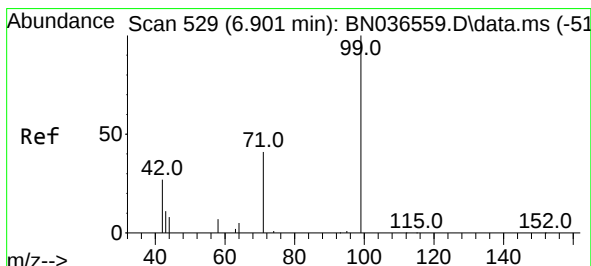
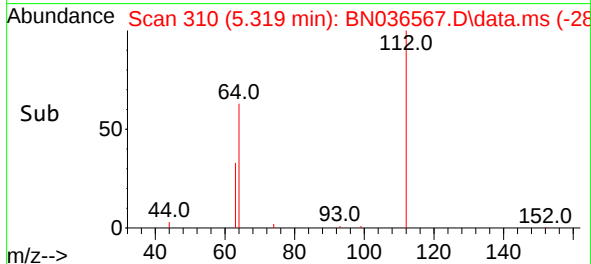
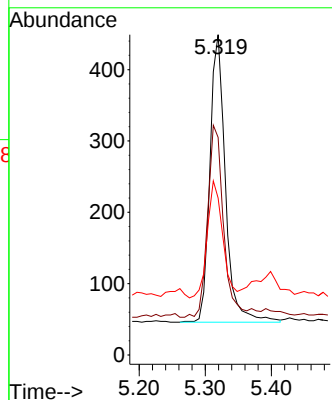
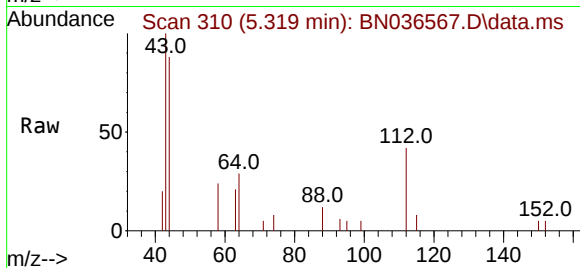




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

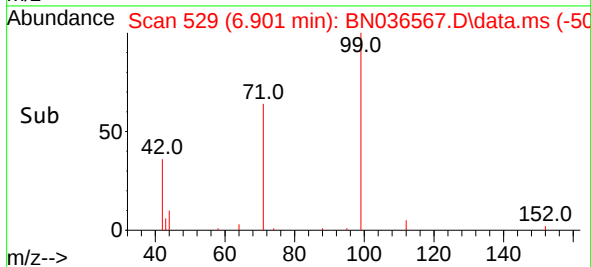
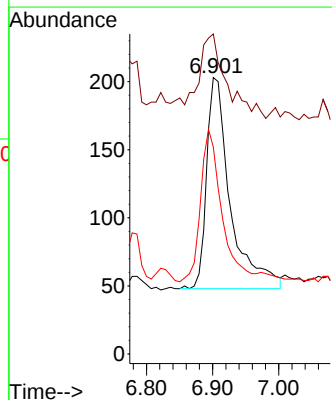
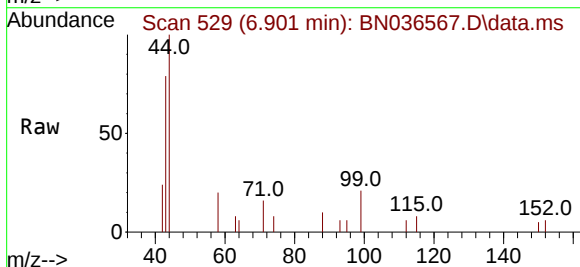
Instrument :
BNA_N
ClientSampleId :
RE126D1-20250306

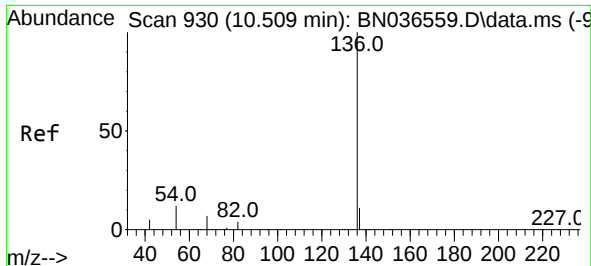
Tgt Ion:112 Resp: 656
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 39.9 31.8 47.8



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

Tgt Ion: 99 Resp: 386
Ion Ratio Lower Upper
99 100
42 46.6 26.5 39.7#
71 64.5 34.1 51.1#

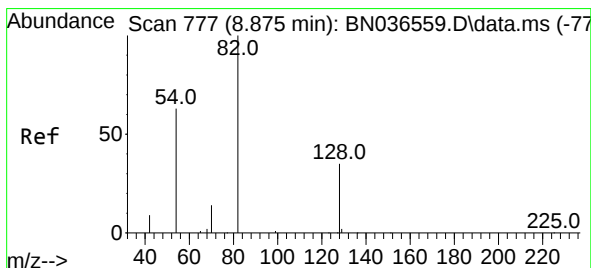
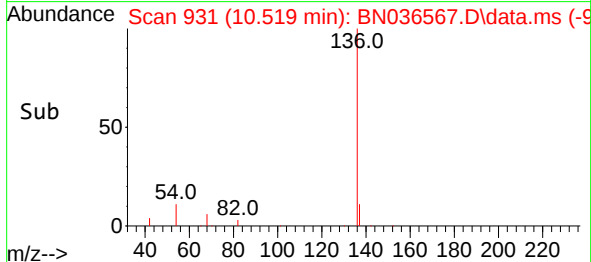
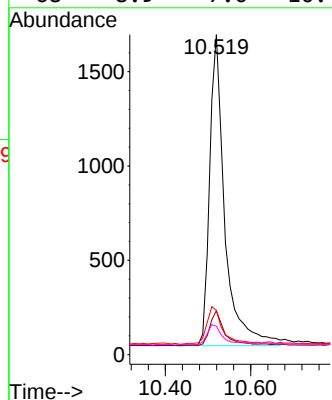
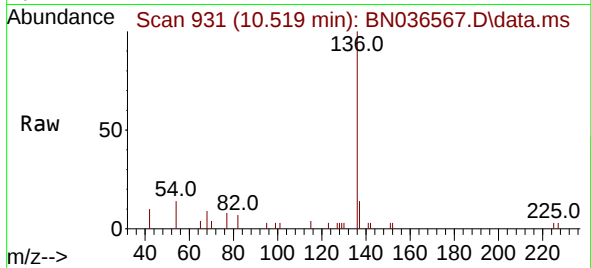




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

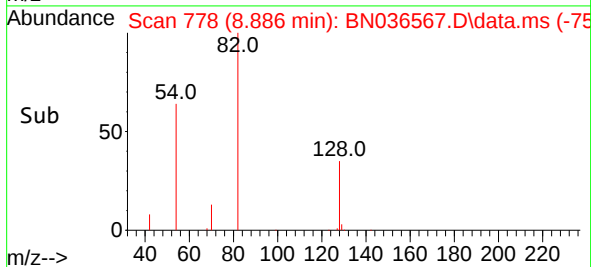
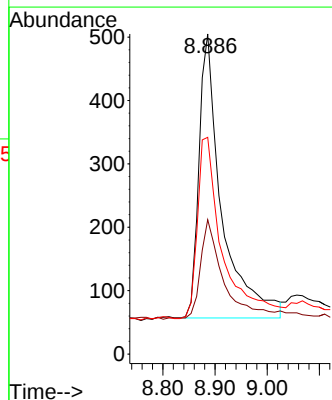
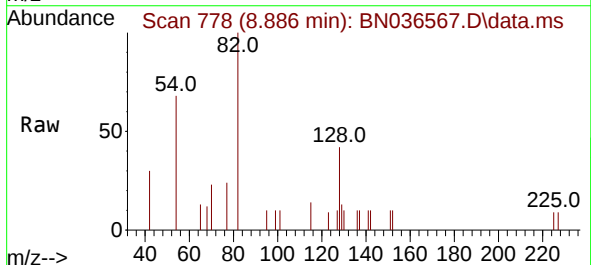
Instrument :
BNA_N
ClientSampleId :
RE126D1-20250306

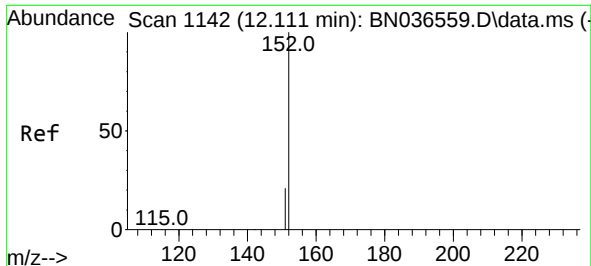
Tgt Ion:136	Resp:	4078
Ion	Ratio	Lower Upper
136	100	
137	13.7	10.3 15.5
54	13.8	11.5 17.3
68	8.9	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

Tgt Ion: 82	Resp:	1357
Ion	Ratio	Lower Upper
82	100	
128	42.0	30.6 45.8
54	67.7	52.2 78.4

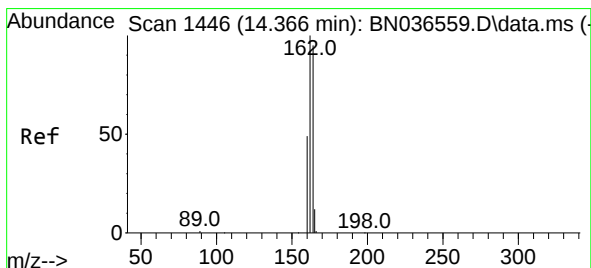
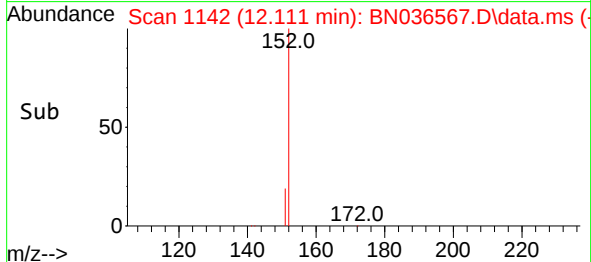
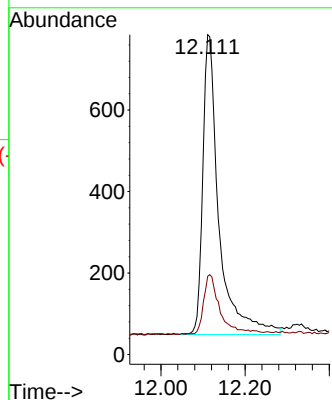
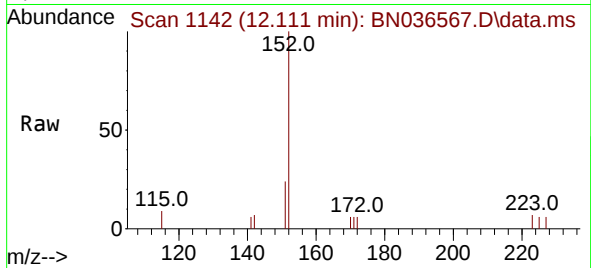




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

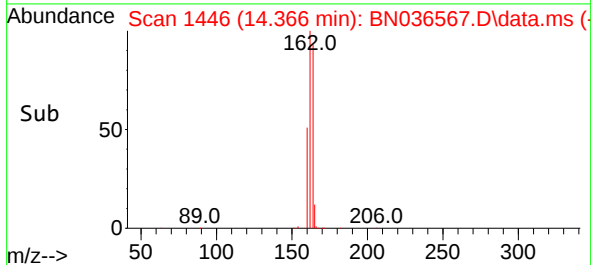
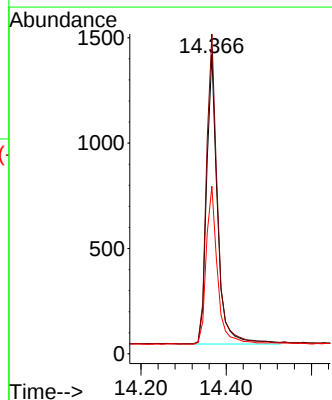
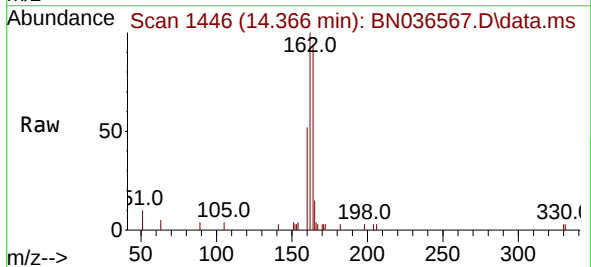
Instrument :
BNA_N
ClientSampleId :
RE126D1-20250306

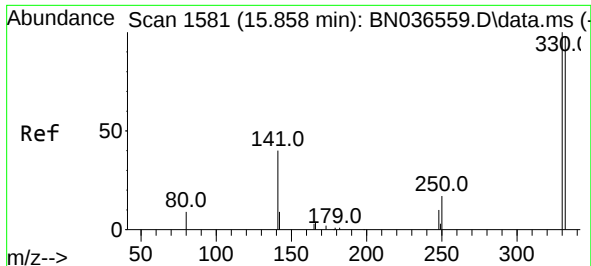
Tgt Ion:152 Resp: 1961
Ion Ratio Lower Upper
152 100
151 19.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

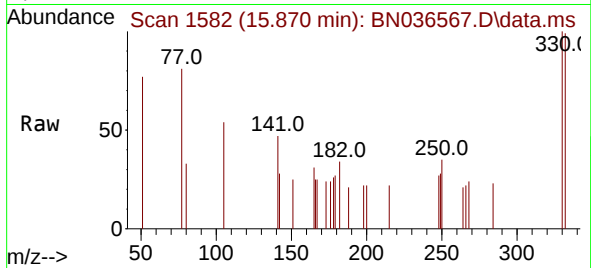
Tgt Ion:164 Resp: 2447
Ion Ratio Lower Upper
164 100
162 106.8 84.2 126.2
160 55.9 42.2 63.2



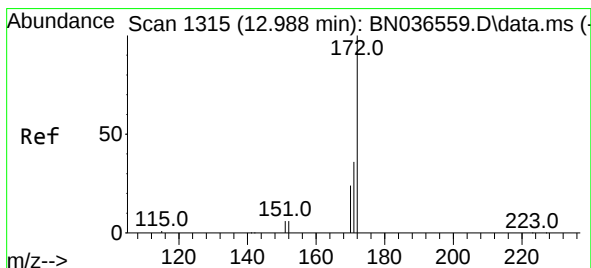
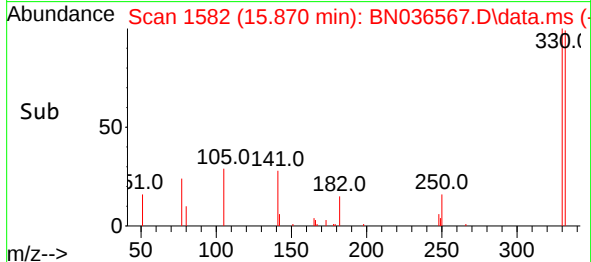
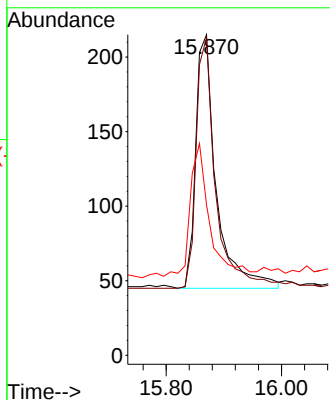


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.870 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_N
ClientSampleId :
RE126D1-20250306

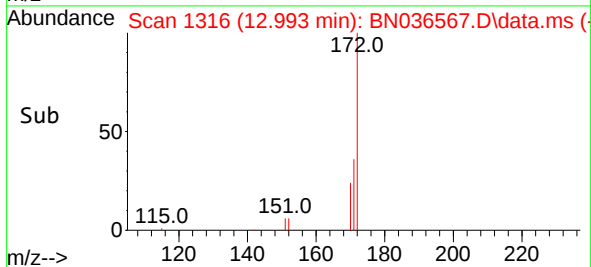
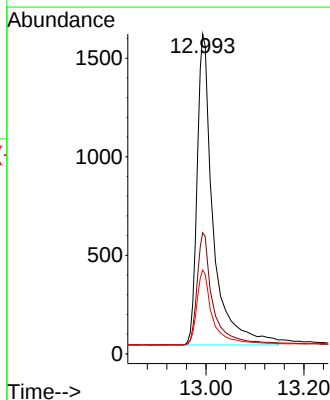
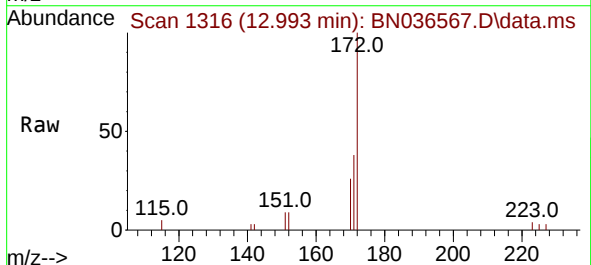


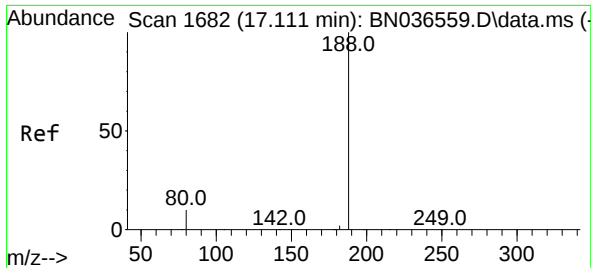
Tgt Ion:330 Resp: 424
Ion Ratio Lower Upper
330 100
332 93.6 75.2 112.8
141 51.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

Tgt Ion:172 Resp: 4605
Ion Ratio Lower Upper
172 100
171 37.9 29.5 44.3
170 26.2 20.2 30.4

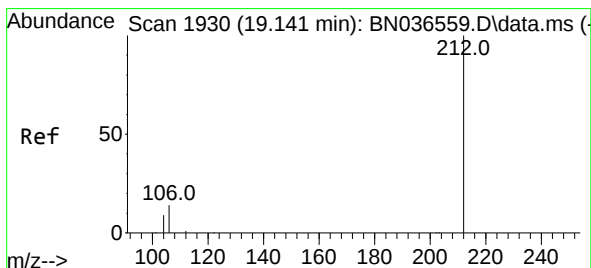
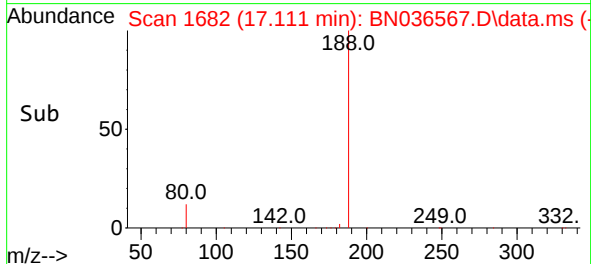
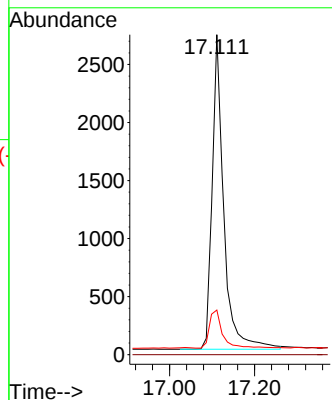
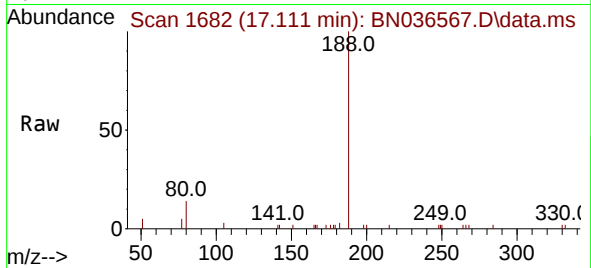




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

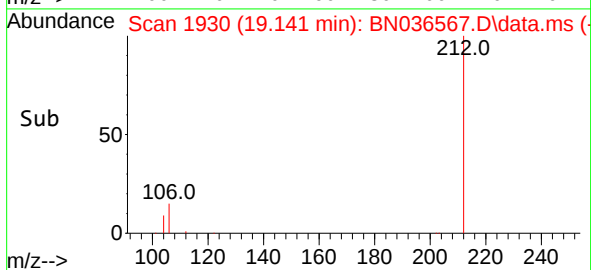
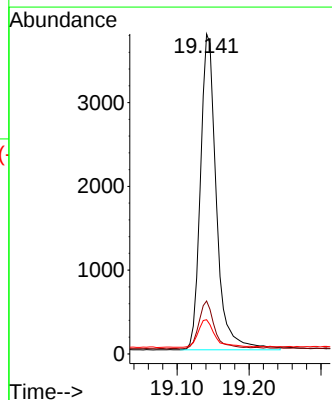
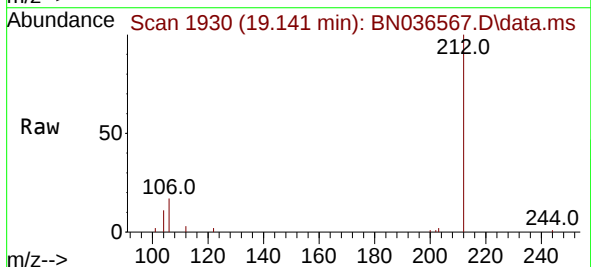
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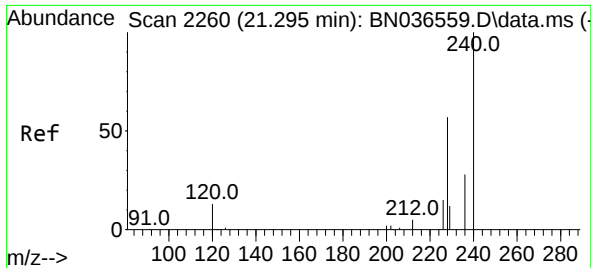
Tgt Ion:188 Resp: 5134
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

Tgt Ion:212 Resp: 5825
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 9.3 7.3 10.9

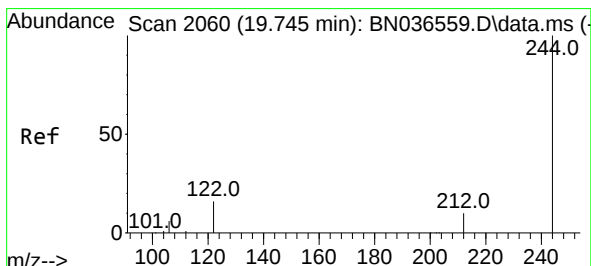
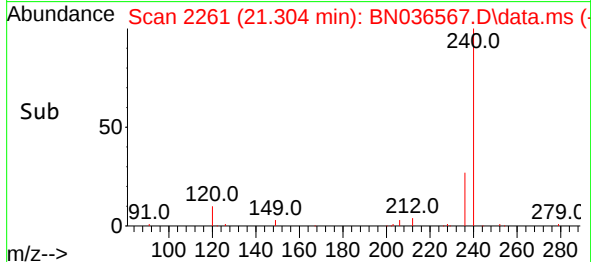
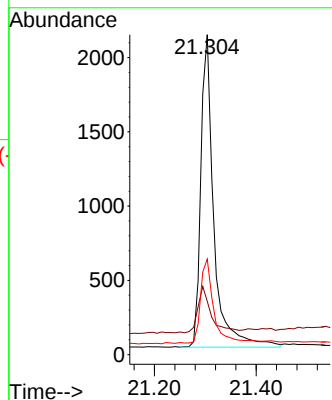
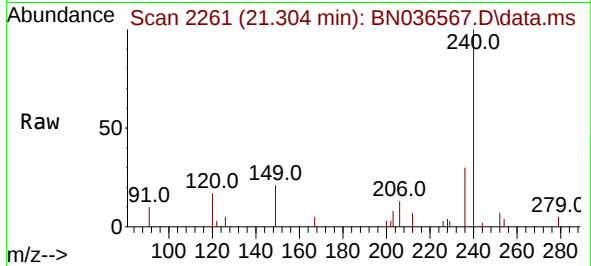




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

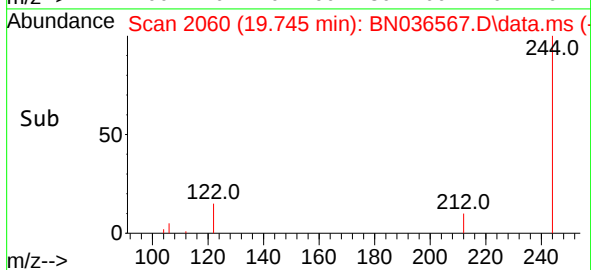
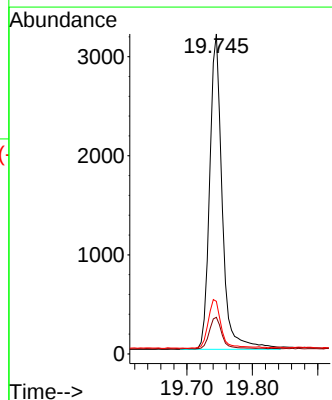
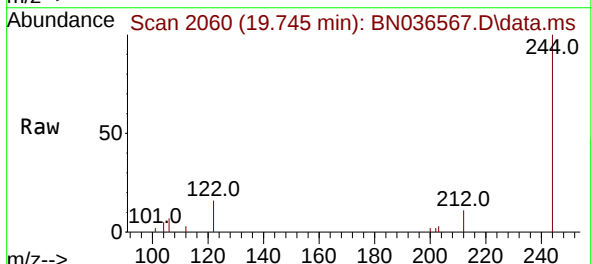
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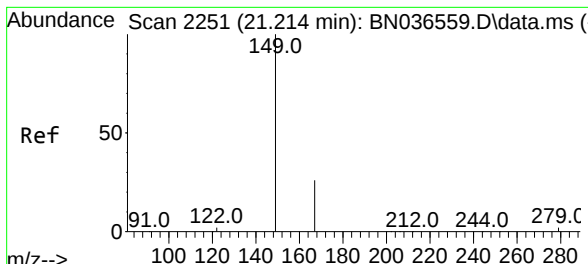
Tgt Ion:240 Resp: 3745
Ion Ratio Lower Upper
240 100
120 16.7 14.6 22.0
236 29.9 24.1 36.1



#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.745 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN036567.D
Acq: 10 Mar 2025 18:26

Tgt Ion:244 Resp: 4241
Ion Ratio Lower Upper
244 100
212 11.5 9.6 14.4
122 16.4 13.9 20.9

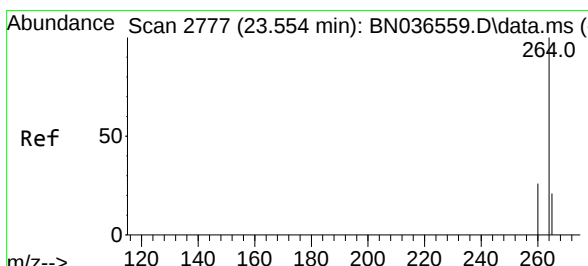
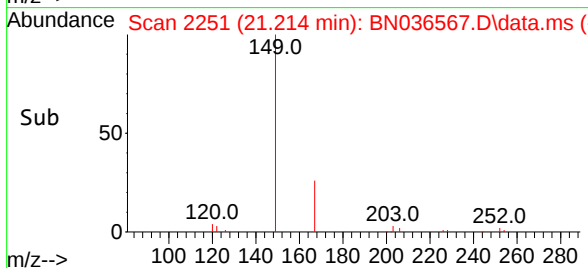
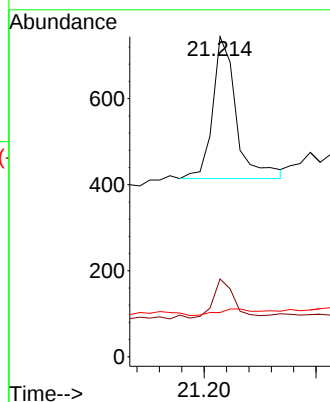
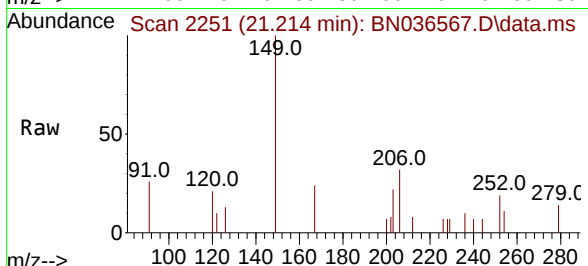




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036567.D
 Acq: 10 Mar 2025 18:26

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20250306

Tgt Ion:149 Resp: 483
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.7 31.1
 279 7.2 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.557 min Scan# 2778
 Delta R.T. 0.003 min
 Lab File: BN036567.D
 Acq: 10 Mar 2025 18:26

Tgt Ion:264 Resp: 3091
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.6 33.8
 265 125.4 88.1 132.1

