

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036581.D
 Acq On : 11 Mar 2025 14:57
 Operator : RC/JU
 Sample : Q1531-07DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250306DL

Quant Time: Mar 11 15:22:37 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)

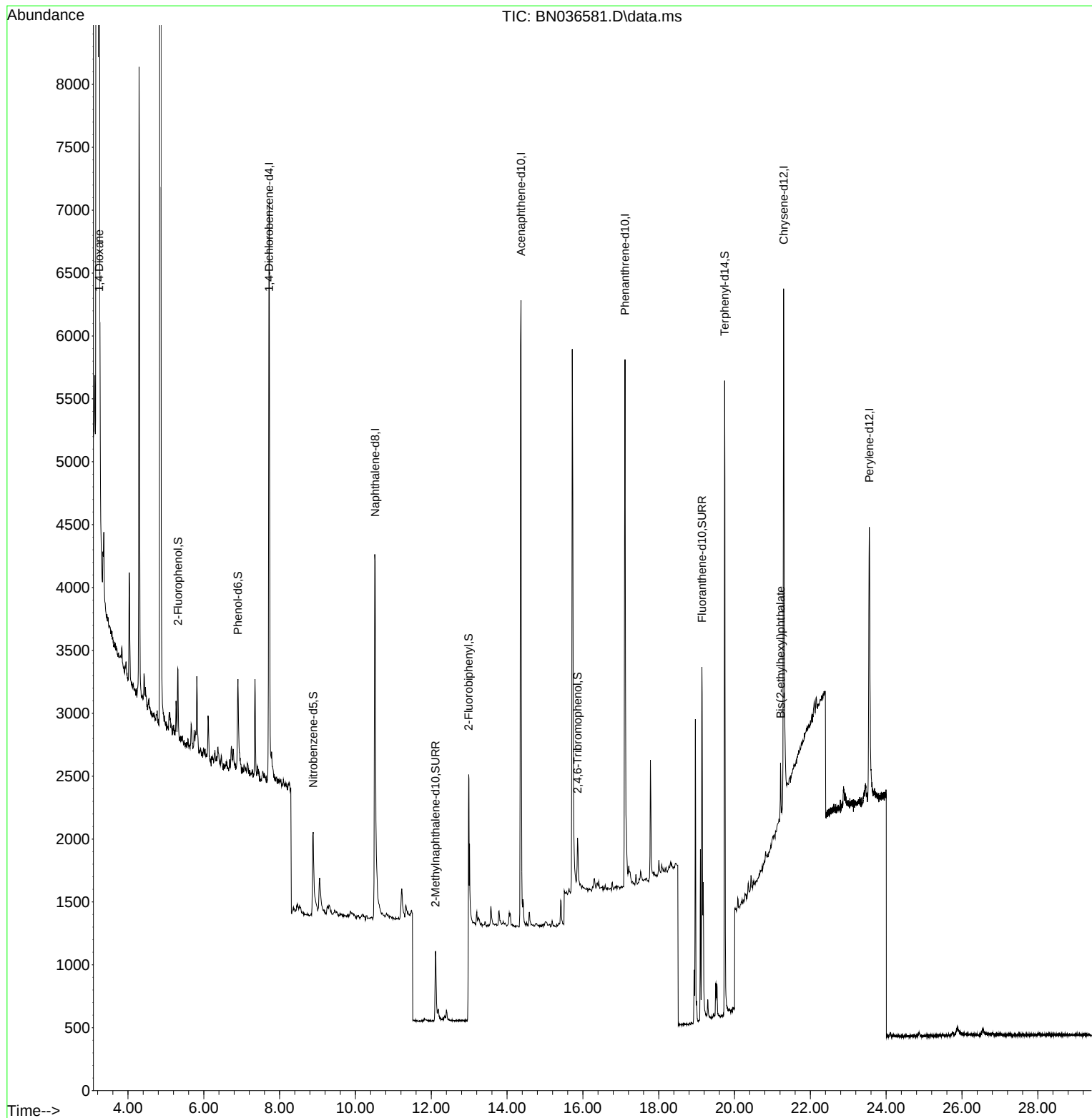
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2259	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5271	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	3220	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6427	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4562	0.400	ng	0.00
35) Perylene-d12	23.554	264	3613	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	398	0.076	ng	0.00
5) Phenol-d6	6.901	99	764	0.117	ng	0.00
8) Nitrobenzene-d5	8.886	82	833	0.145	ng	0.01
11) 2-Methylnaphthalene-d10	12.111	152	1102	0.141	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	276	0.189	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	3032	0.162	ng	0.00
27) Fluoranthene-d10	19.141	212	3474	0.211	ng	0.00
31) Terphenyl-d14	19.740	244	4984	0.456	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	7390	2.949	ng	97
34) Bis(2-ethylhexyl)phtha...	21.214	149	444	0.039	ng	# 99

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

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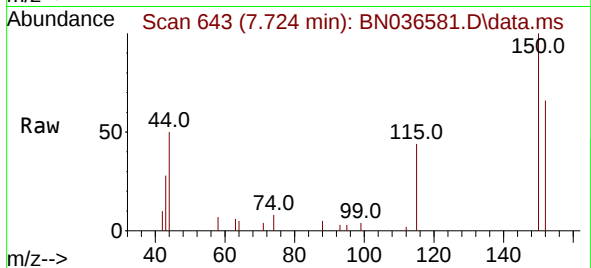
Quant Time: Mar 11 15:22:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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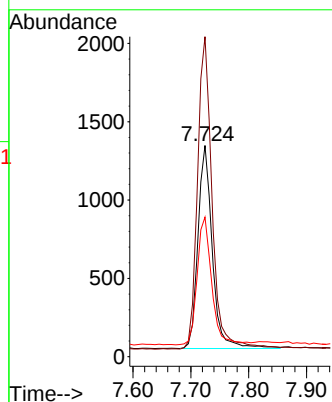
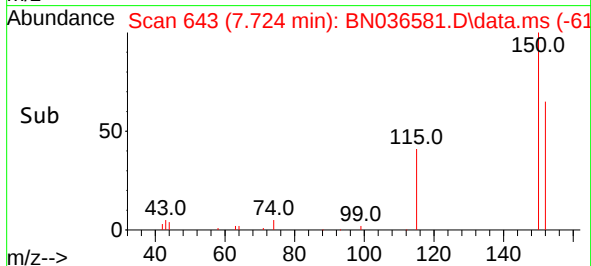


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036581.D
 Acq: 11 Mar 2025 14:57

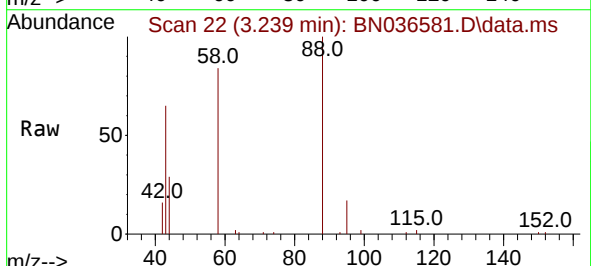
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250306DL



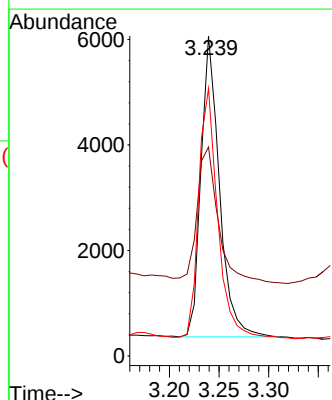
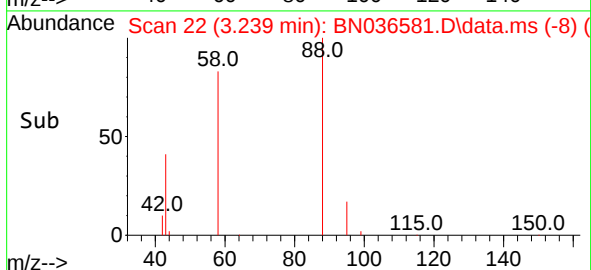
Tgt Ion:152 Resp: 2259
 Ion Ratio Lower Upper
 152 100
 150 151.4 123.7 185.5
 115 66.0 54.3 81.5

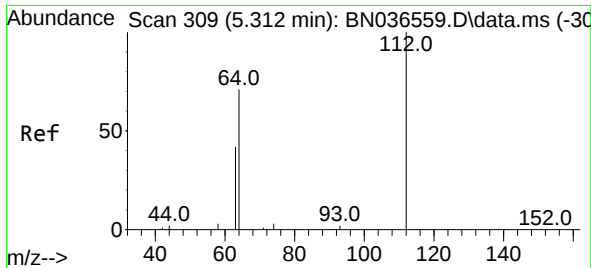


#2
 1,4-Dioxane
 Concen: 2.949 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036581.D
 Acq: 11 Mar 2025 14:57



Tgt Ion: 88 Resp: 7390
 Ion Ratio Lower Upper
 88 100
 43 51.9 37.8 56.8
 58 85.1 67.4 101.2

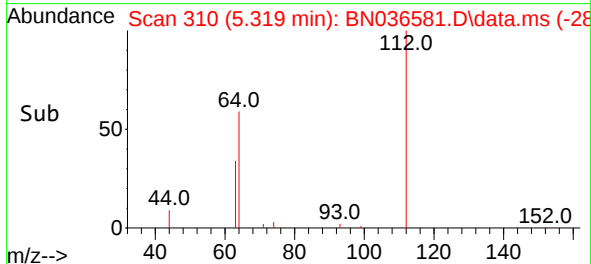
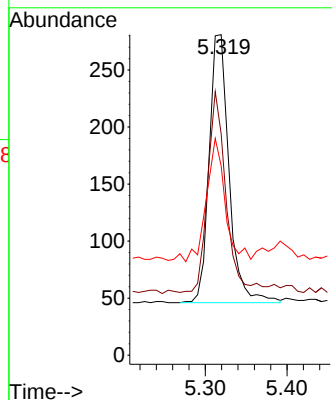
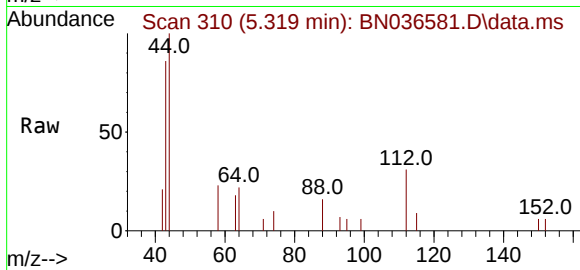




#4
2-Fluorophenol
Concen: 0.076 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

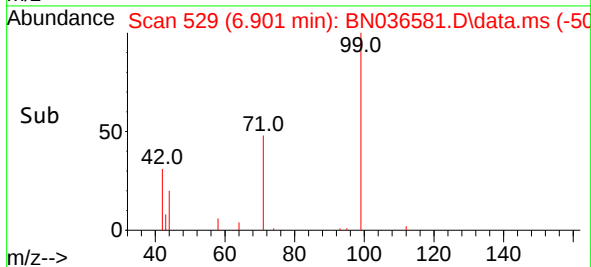
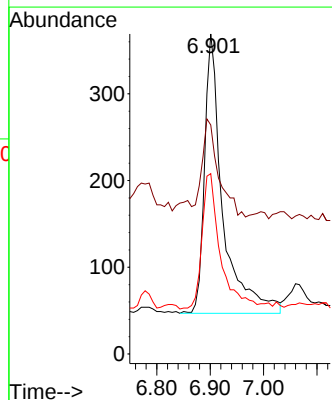
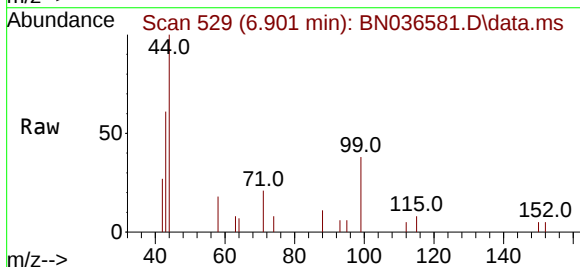
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306DL

Tgt Ion:112 Resp: 398
Ion Ratio Lower Upper
112 100
64 69.6 53.1 79.7
63 45.0 31.8 47.8



#5
Phenol-d6
Concen: 0.117 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

Tgt Ion: 99 Resp: 764
Ion Ratio Lower Upper
99 100
42 32.2 26.5 39.7
71 47.5 34.1 51.1

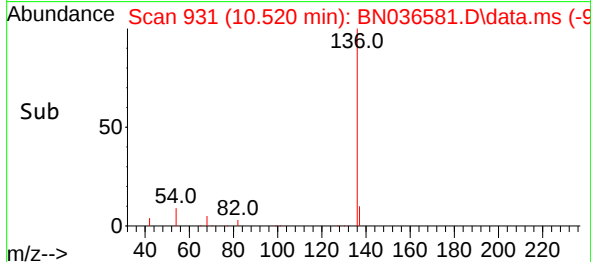
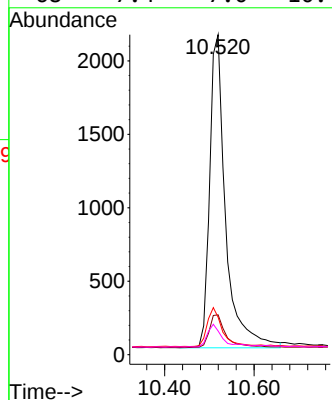
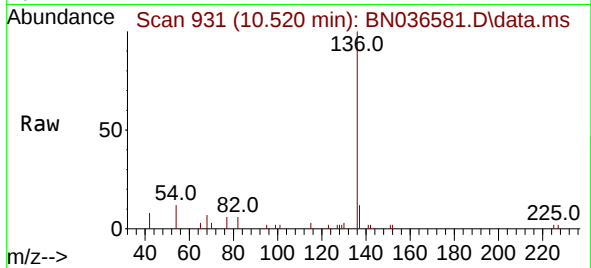




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

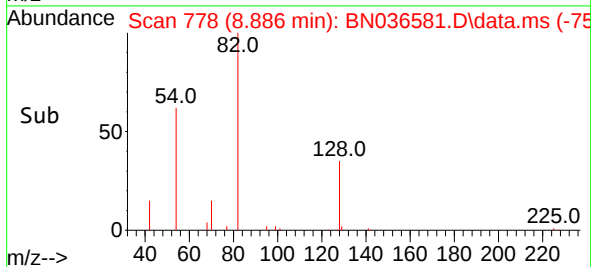
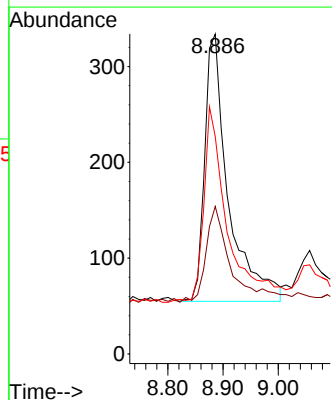
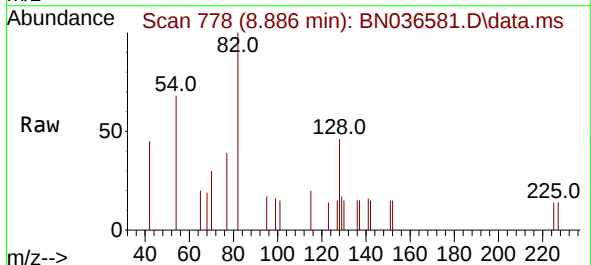
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306DL

Tgt Ion:	136	Resp:	5271
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	11.7	11.5	17.3
68	7.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

Tgt Ion:	82	Resp:	833
Ion	Ratio	Lower	Upper
82	100		
128	46.1	30.6	45.8#
54	68.0	52.2	78.4

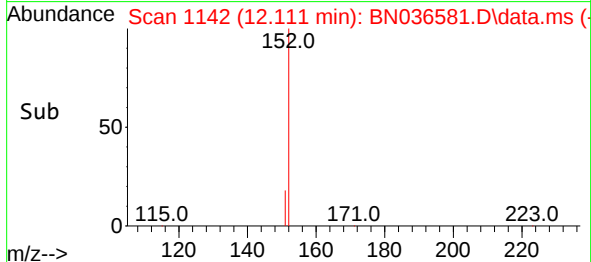
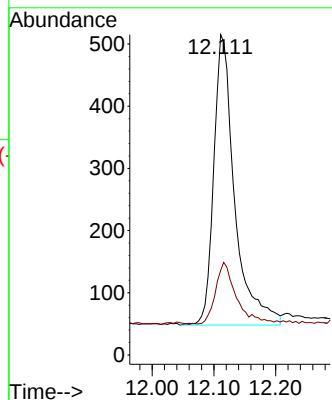
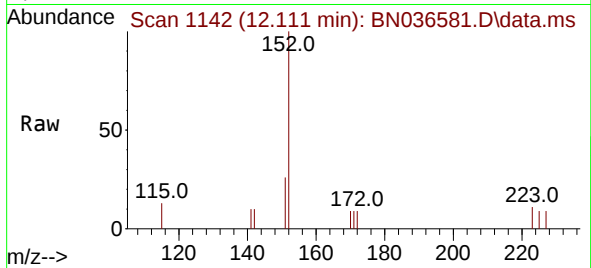




#11
2-Methylnaphthalene-d10
Concen: 0.141 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

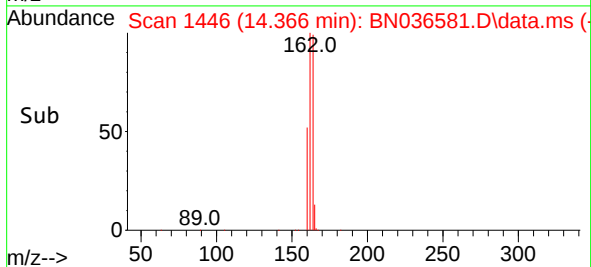
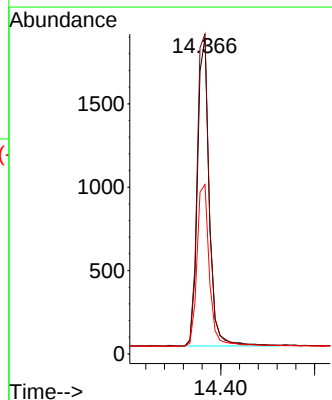
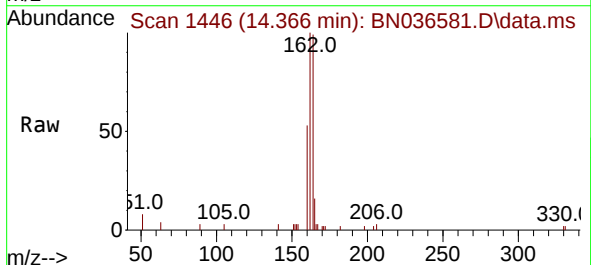
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306DL

Tgt Ion:152 Resp: 1102
Ion Ratio Lower Upper
152 100
151 21.6 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: BN036581.D
Acq: 11 Mar 2025 14:57

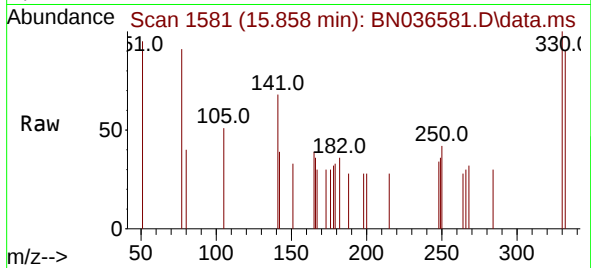
Tgt Ion:164 Resp: 3220
Ion Ratio Lower Upper
164 100
162 101.2 84.2 126.2
160 53.6 42.2 63.2



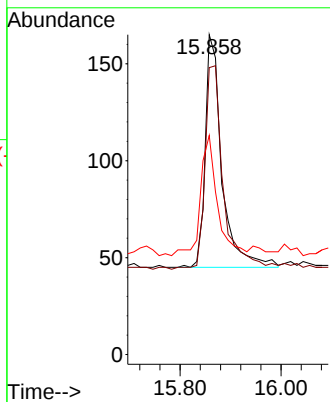
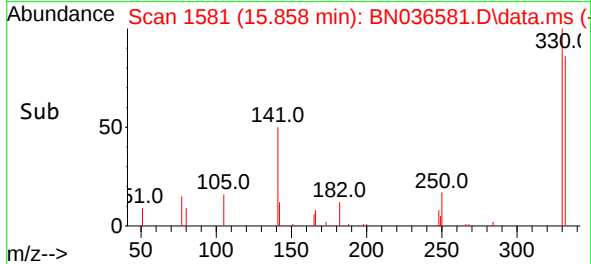


#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

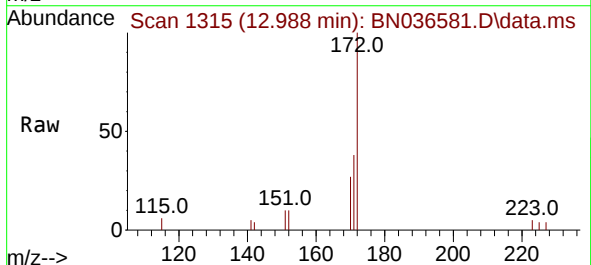
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306DL



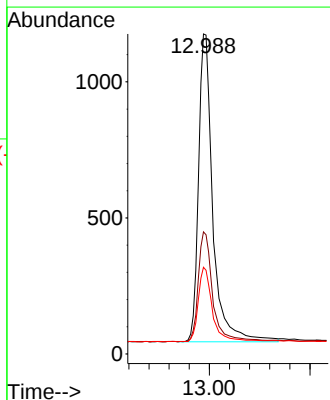
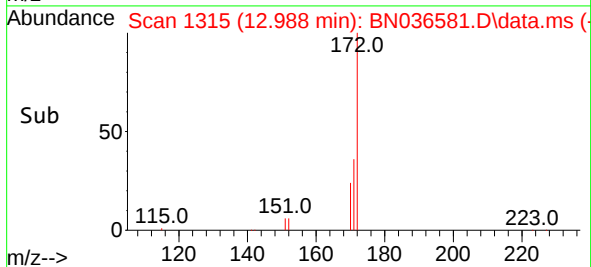
Tgt Ion:330 Resp: 276
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 52.2 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57



Tgt Ion:172 Resp: 3032
Ion Ratio Lower Upper
172 100
171 38.2 29.5 44.3
170 27.1 20.2 30.4

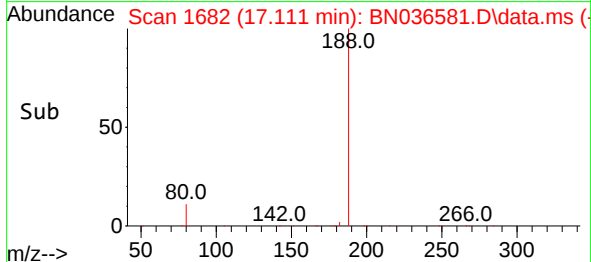
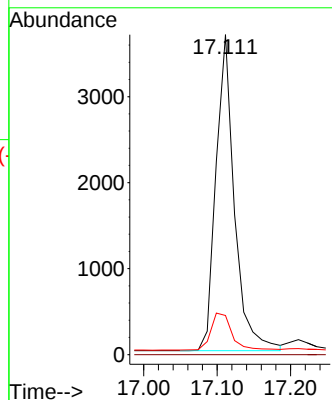
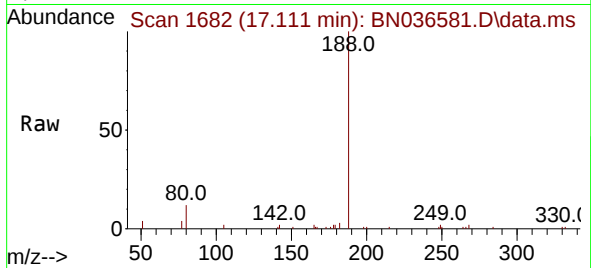




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

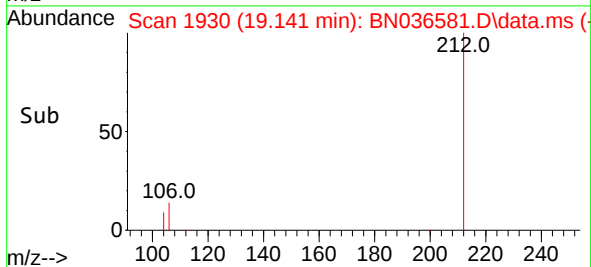
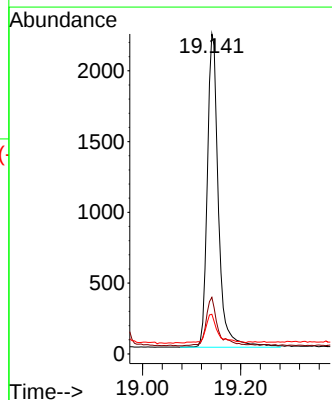
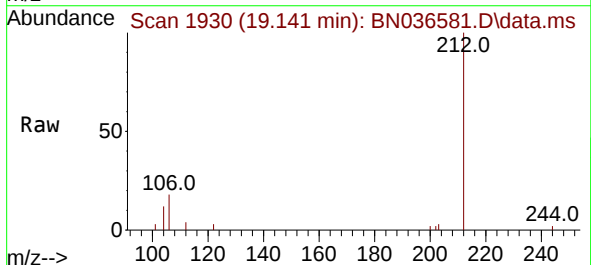
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:188 Resp: 6427
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.211 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

Tgt Ion:212 Resp: 3474
Ion Ratio Lower Upper
212 100
106 16.6 11.8 17.6
104 9.2 7.3 10.9

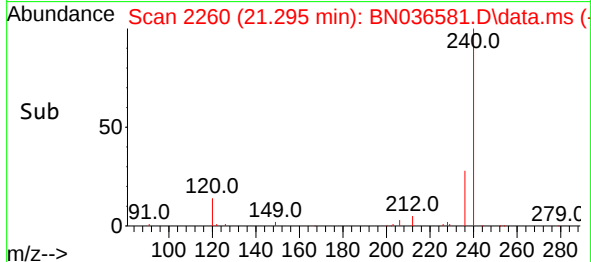
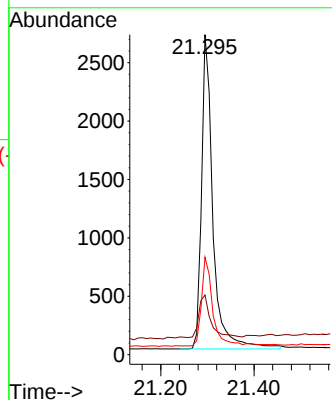
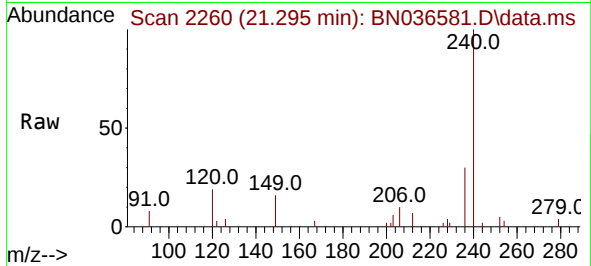




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

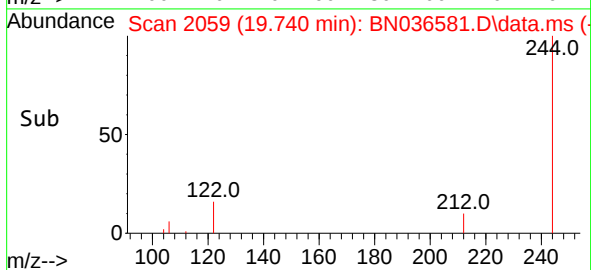
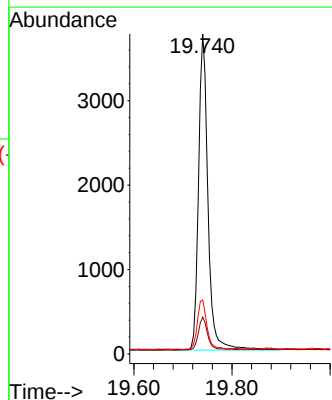
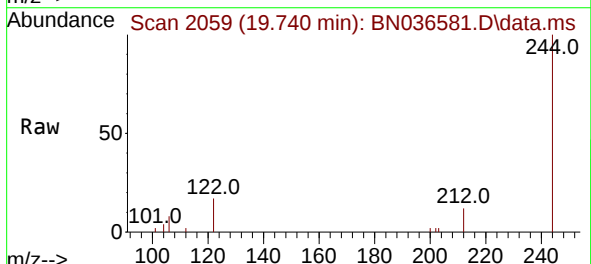
Instrument :
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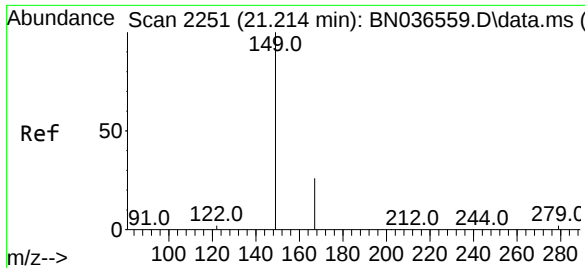
Tgt Ion:240 Resp: 4562
Ion Ratio Lower Upper
240 100
120 18.7 14.6 22.0
236 30.4 24.1 36.1



#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036581.D
Acq: 11 Mar 2025 14:57

Tgt Ion:244 Resp: 4984
Ion Ratio Lower Upper
244 100
212 11.5 9.6 14.4
122 16.8 13.9 20.9

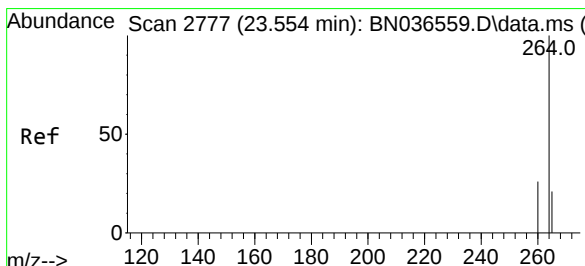
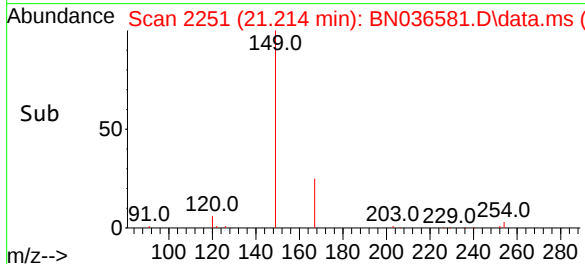
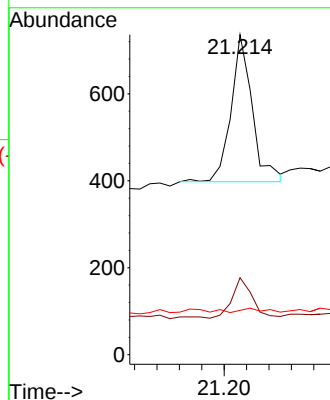
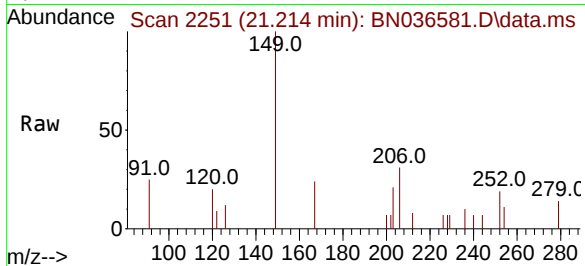




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036581.D
 Acq: 11 Mar 2025 14:57

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Tgt Ion:149 Resp: 444
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.7 31.1
 279 3.2 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BN036581.D
 Acq: 11 Mar 2025 14:57

Tgt Ion:264 Resp: 3613
 Ion Ratio Lower Upper
 264 100
 260 28.4 22.6 33.8
 265 108.6 88.1 132.1

