

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036597.D
 Acq On : 12 Mar 2025 12:52
 Operator : RC/JU
 Sample : Q1531-16DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20250307DL

Quant Time: Mar 12 13:27:17 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)

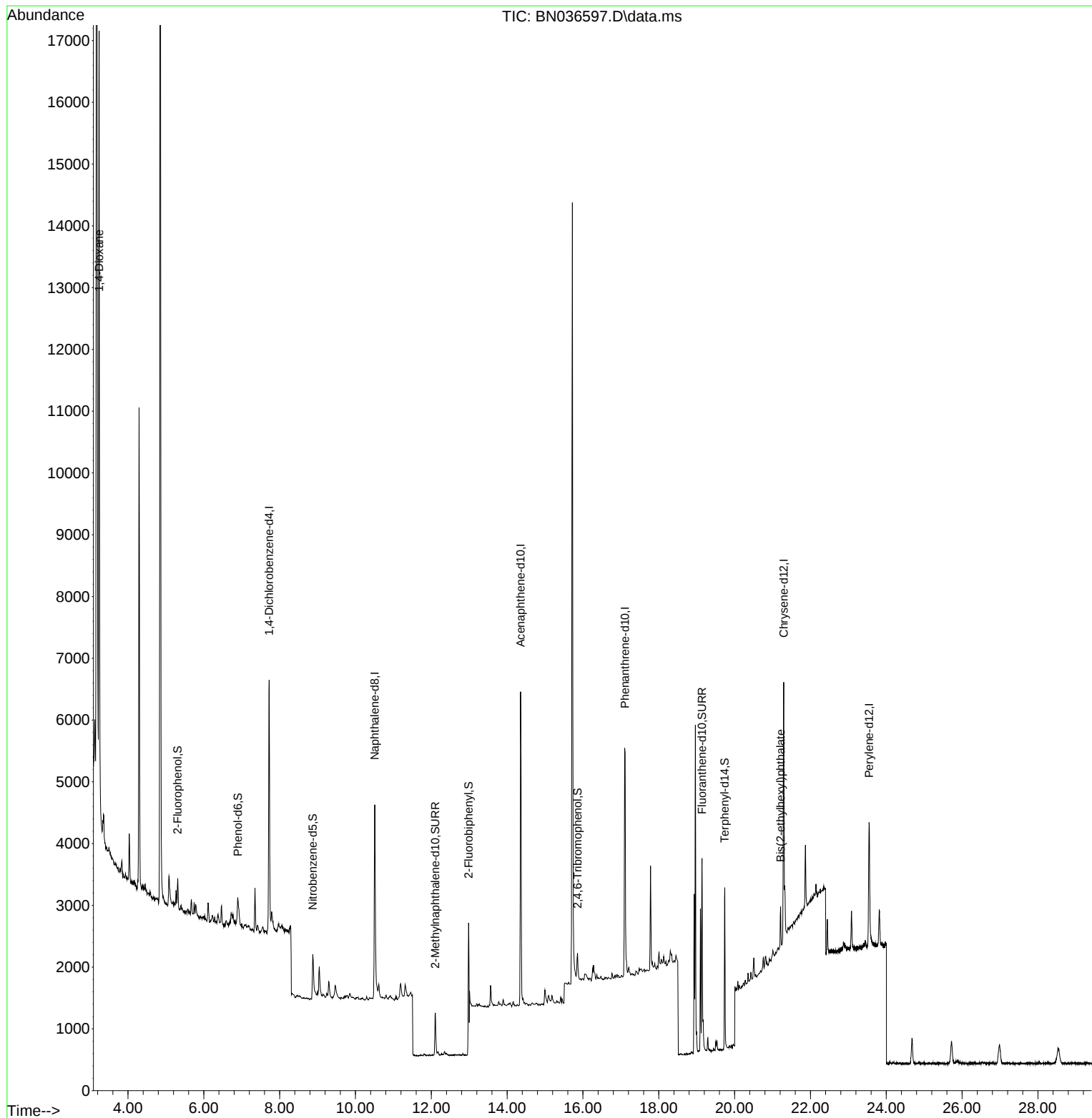
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1986	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4780	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2899	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	5979	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4274	0.400	ng	0.00
35) Perylene-d12	23.548	264	3192	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	344	0.074	ng	0.00
5) Phenol-d6	6.901	99	444	0.078	ng	0.00
8) Nitrobenzene-d5	8.875	82	736	0.142	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	1137	0.160	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	263	0.200	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	2930	0.174	ng	0.00
27) Fluoranthene-d10	19.141	212	3639	0.237	ng	0.00
31) Terphenyl-d14	19.740	244	2515	0.246	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	6750	3.064	ng	97
34) Bis(2-ethylhexyl)phtha...	21.214	149	687	0.065	ng	99

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

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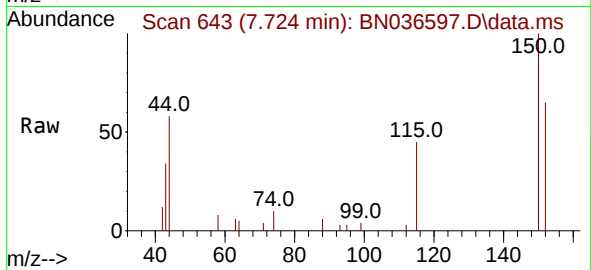
Quant Time: Mar 12 13:27:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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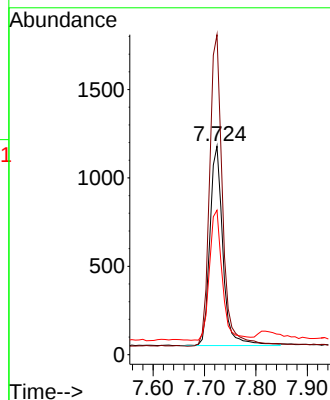
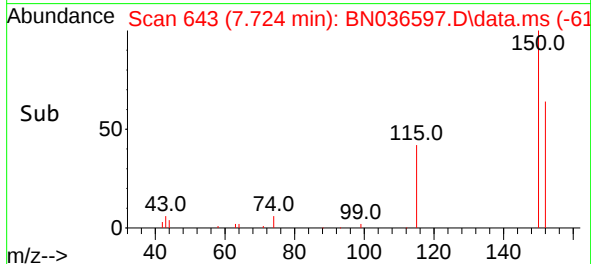


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036597.D
 Acq: 12 Mar 2025 12:52

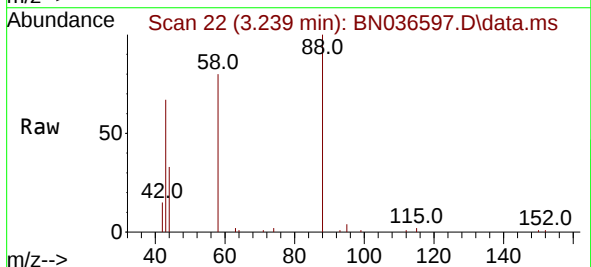
Instrument :
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 ClientSampleId :
 RE125D1-20250307DL



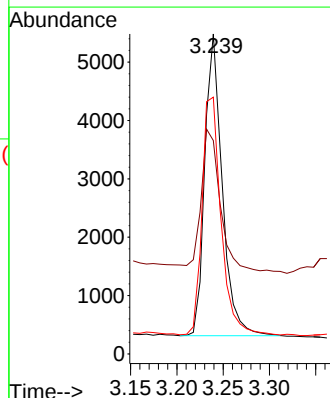
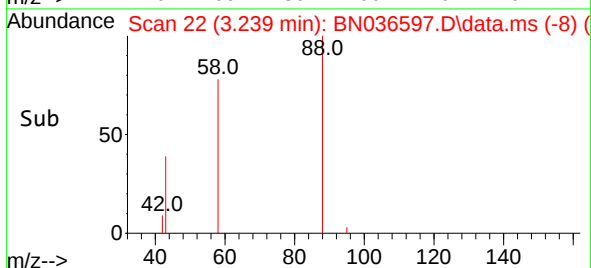
Tgt Ion:152 Resp: 1986
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.7 185.5
 115 69.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.064 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036597.D
 Acq: 12 Mar 2025 12:52



Tgt Ion: 88 Resp: 6750
 Ion Ratio Lower Upper
 88 100
 43 51.1 37.8 56.8
 58 86.3 67.4 101.2

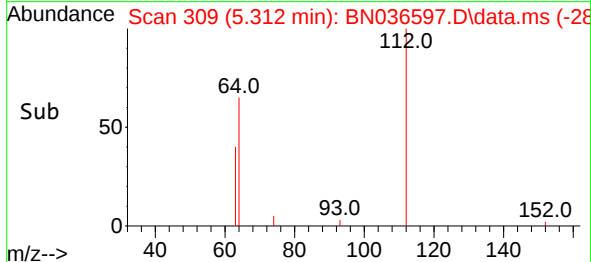
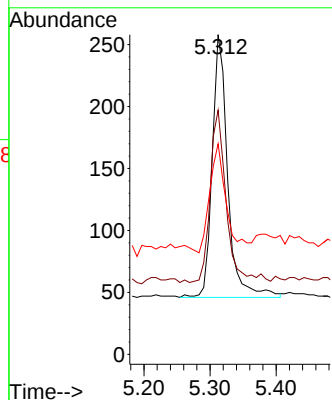
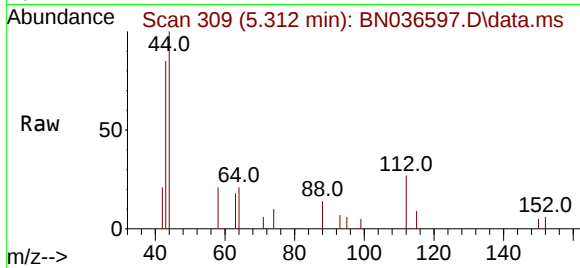




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

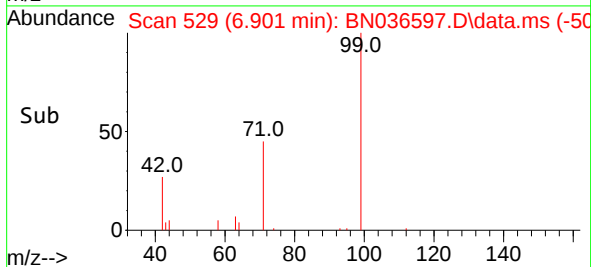
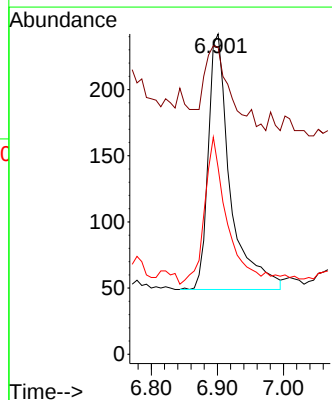
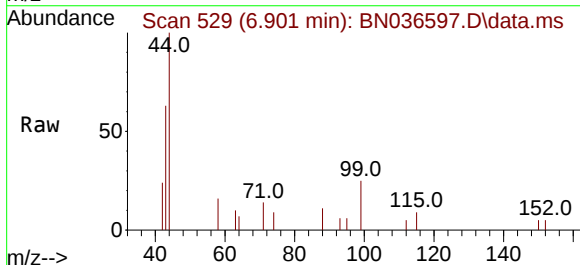
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307DL

Tgt Ion:112 Resp: 344
Ion Ratio Lower Upper
112 100
64 68.0 53.1 79.7
63 43.6 31.8 47.8



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

Tgt Ion: 99 Resp: 444
Ion Ratio Lower Upper
99 100
42 39.4 26.5 39.7
71 57.9 34.1 51.1#

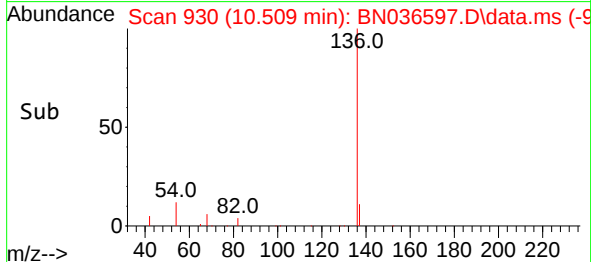
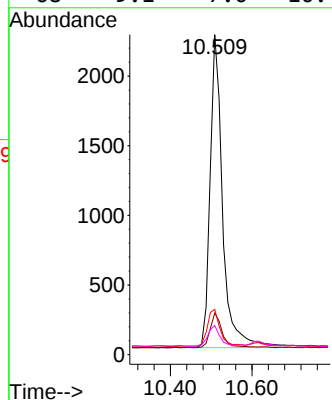
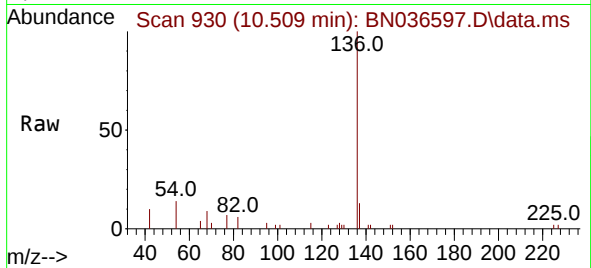




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

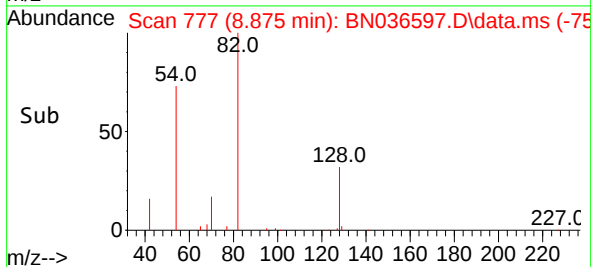
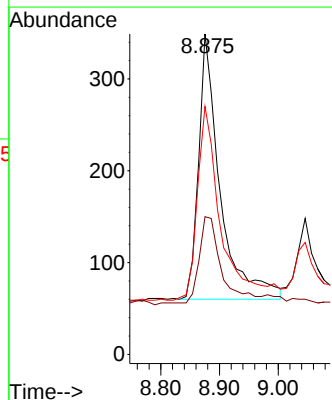
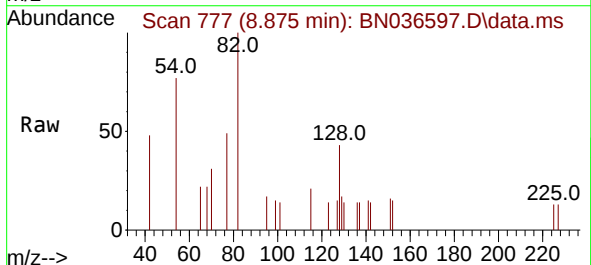
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307DL

Tgt Ion:	136	Resp:	4780
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	14.1	11.5	17.3
68	9.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

Tgt Ion:	82	Resp:	736
Ion	Ratio	Lower	Upper
82	100		
128	43.0	30.6	45.8
54	77.4	52.2	78.4

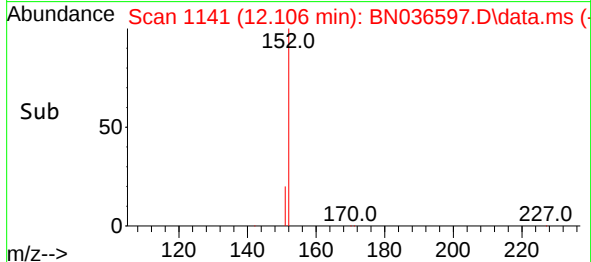
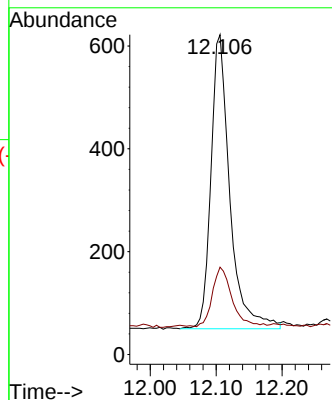
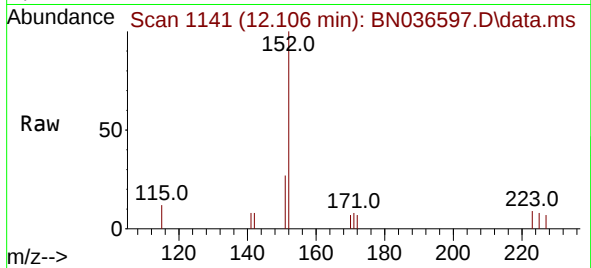




#11
2-Methylnaphthalene-d10
Concen: 0.160 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

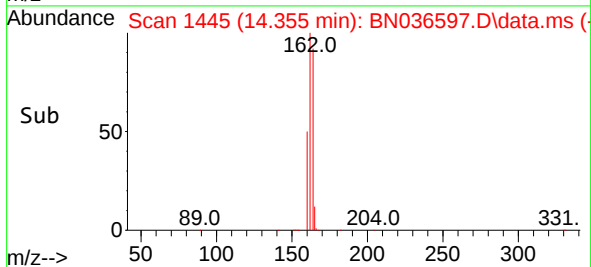
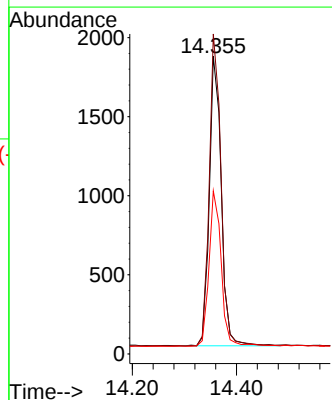
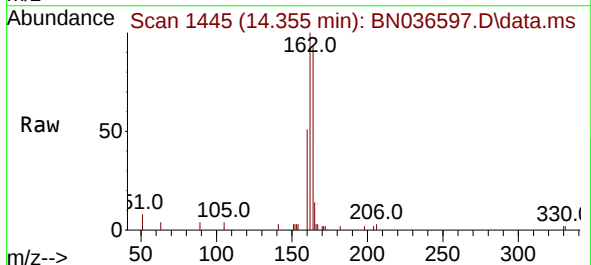
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307DL

Tgt Ion:152 Resp: 1137
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

Tgt Ion:164 Resp: 2899
Ion Ratio Lower Upper
164 100
162 107.5 84.2 126.2
160 54.8 42.2 63.2

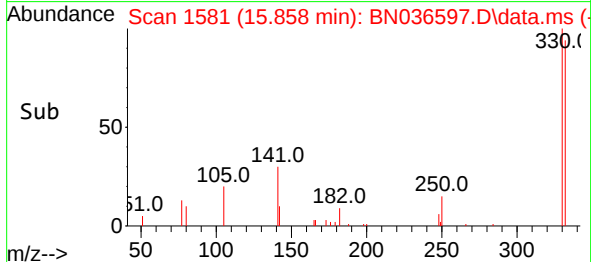
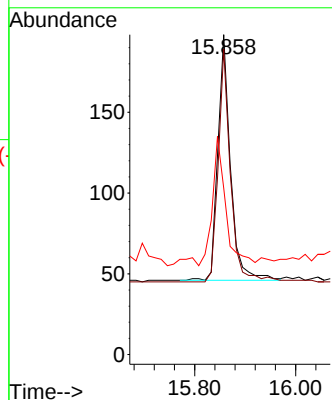
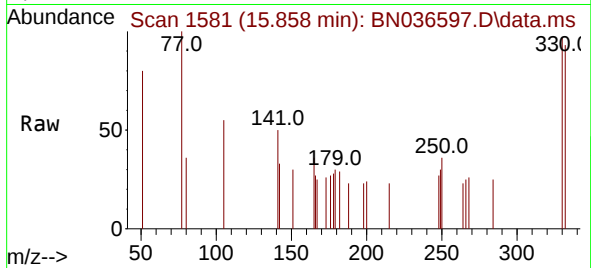




#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

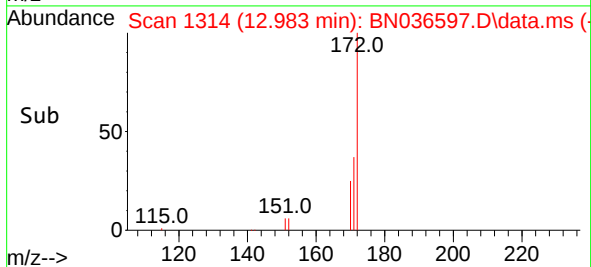
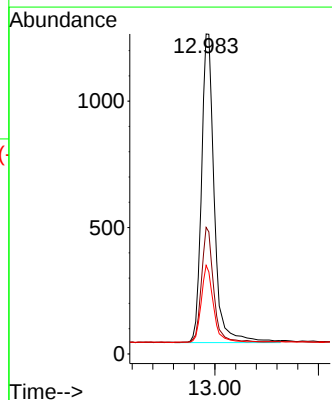
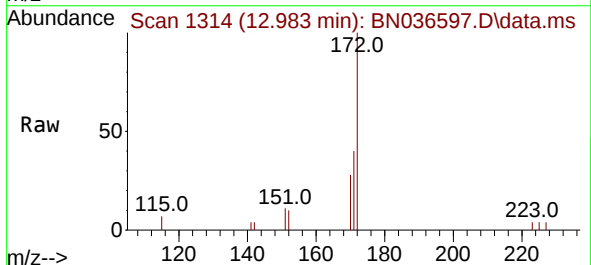
Instrument :
BNA_N
ClientSampleId :
RE125D1-20250307DL

Tgt Ion:330 Resp: 263
Ion Ratio Lower Upper
330 100
332 92.0 75.2 112.8
141 55.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

Tgt Ion:172 Resp: 2930
Ion Ratio Lower Upper
172 100
171 39.6 29.5 44.3
170 27.7 20.2 30.4

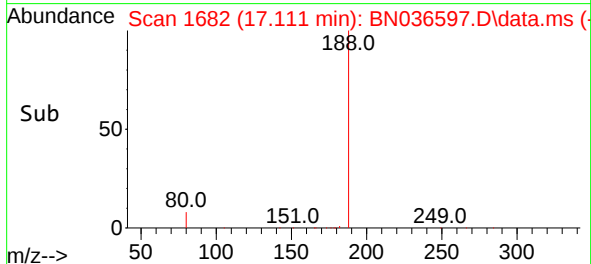
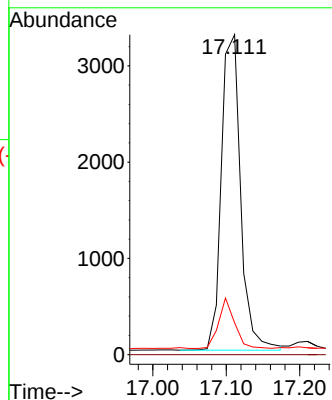
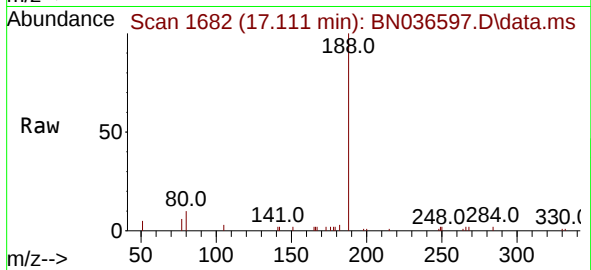




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

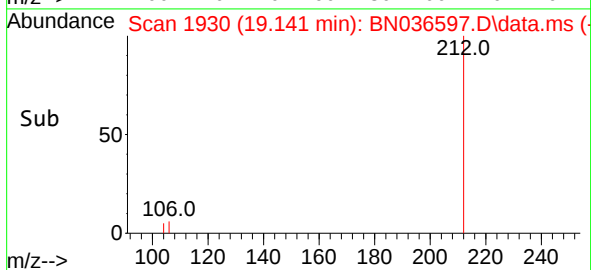
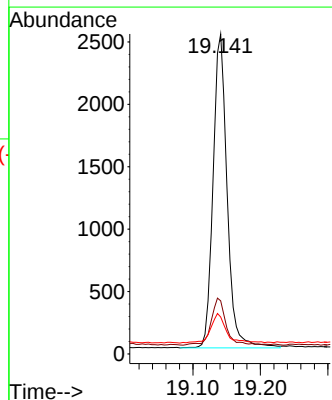
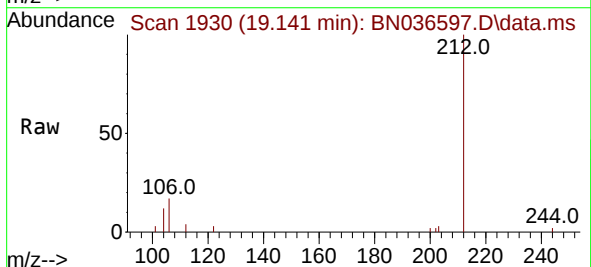
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ClientSampleId :
RE125D1-20250307DL

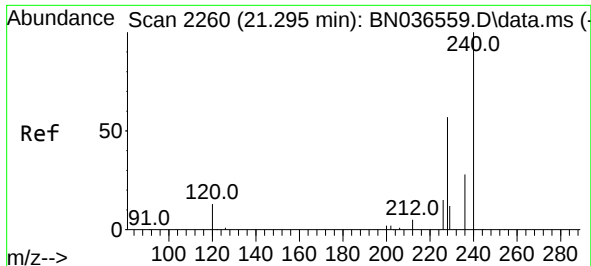
Tgt Ion:188 Resp: 5979
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.237 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

Tgt Ion:212 Resp: 3639
Ion Ratio Lower Upper
212 100
106 15.7 11.8 17.6
104 10.6 7.3 10.9

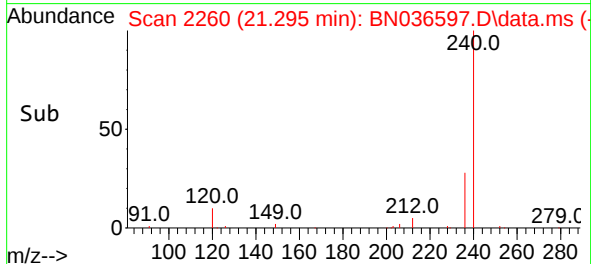
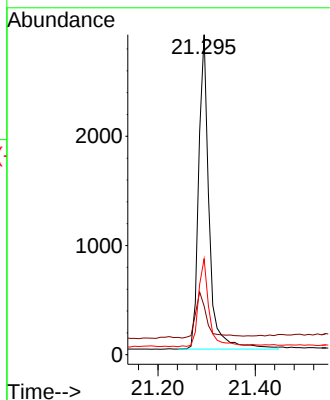
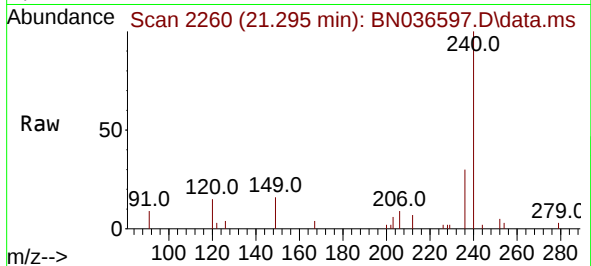




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

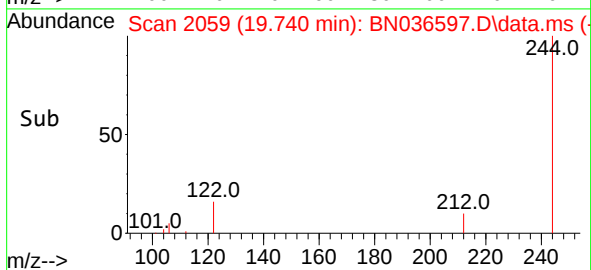
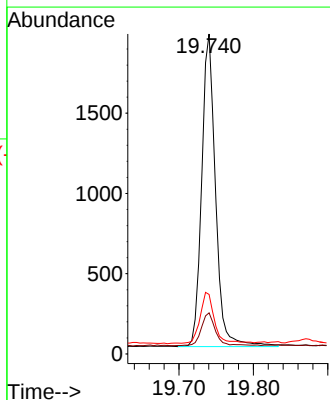
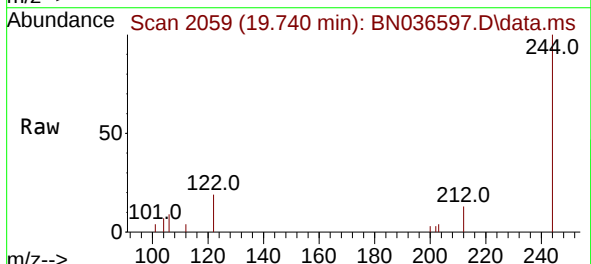
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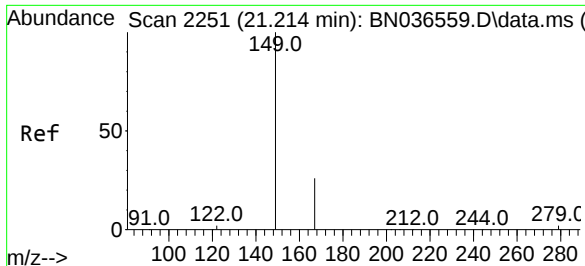
Tgt Ion:240 Resp: 4274
Ion Ratio Lower Upper
240 100
120 15.2 14.6 22.0
236 30.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.246 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036597.D
Acq: 12 Mar 2025 12:52

Tgt Ion:244 Resp: 2515
Ion Ratio Lower Upper
244 100
212 12.8 9.6 14.4
122 18.6 13.9 20.9

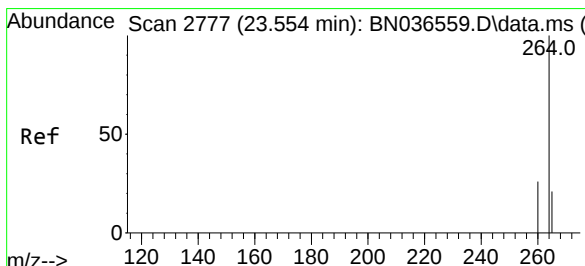
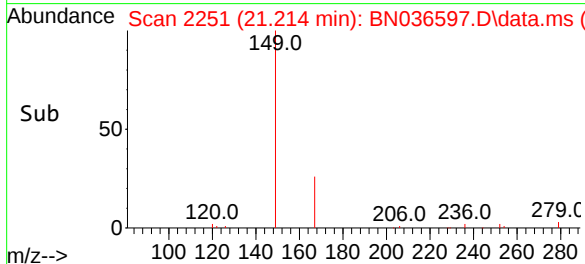
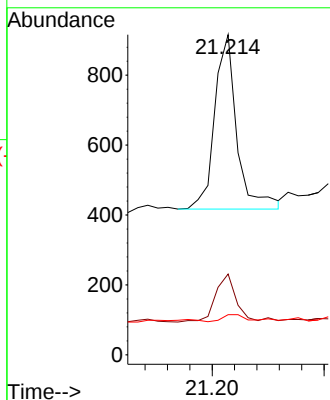
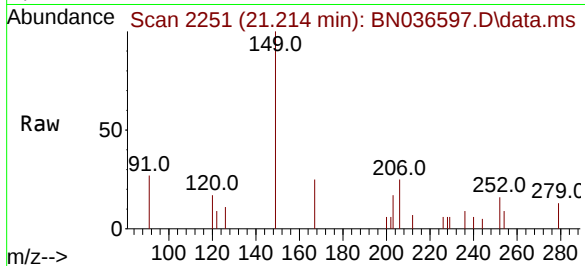




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036597.D
 Acq: 12 Mar 2025 12:52

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 BNA_N
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Tgt Ion:149 Resp: 687
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.7 31.1
 279 4.2 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 2775
 Delta R.T. -0.006 min
 Lab File: BN036597.D
 Acq: 12 Mar 2025 12:52

Tgt Ion:264 Resp: 3192
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.6 33.8
 265 114.6 88.1 132.1

