

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036625.D
 Acq On : 15 Mar 2025 02:29
 Operator : RC/JU
 Sample : Q1559-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250312

Quant Time: Mar 15 03:33:11 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)

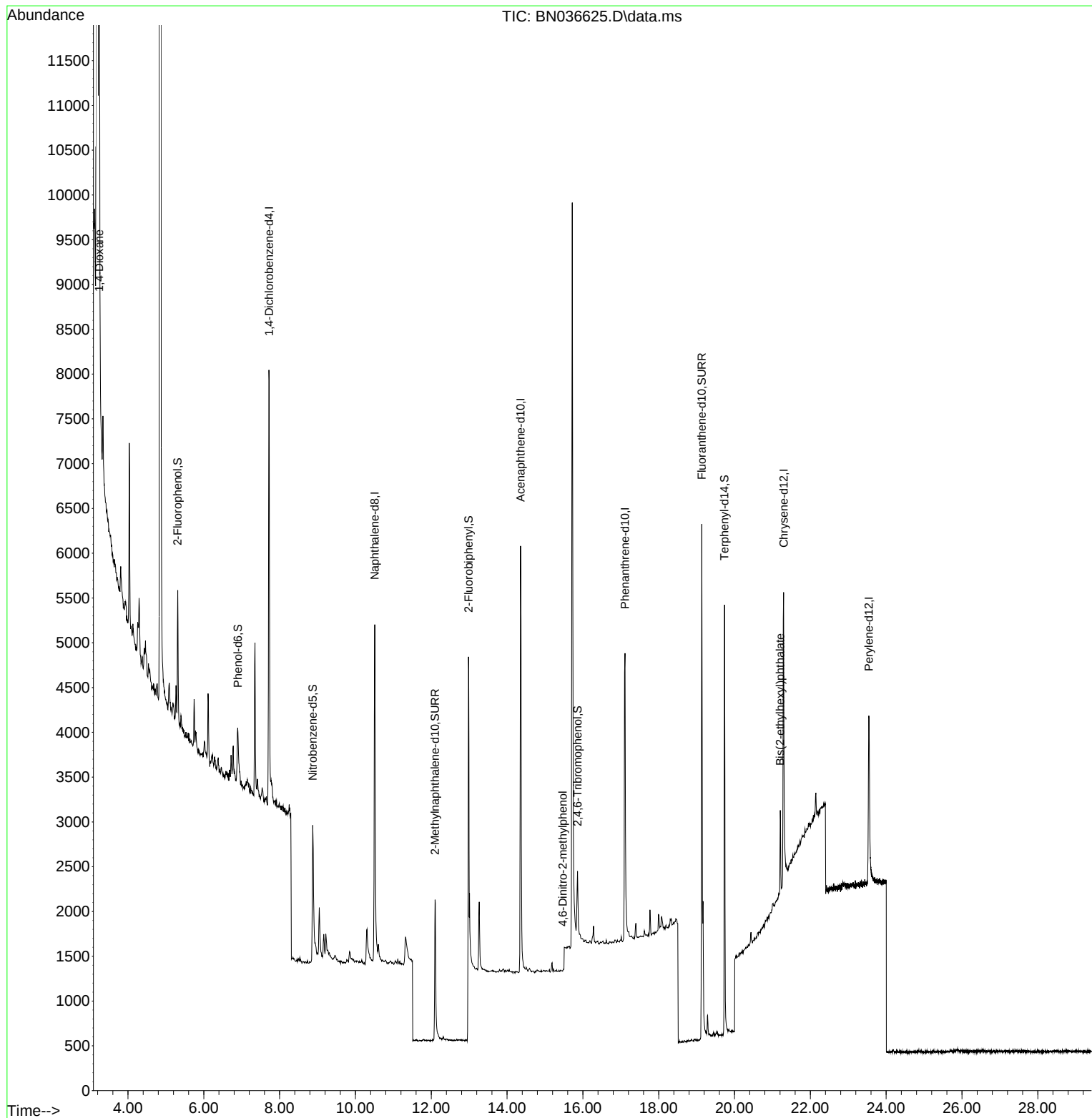
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2412	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5603	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3082	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	6030	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3969	0.400	ng	0.00
35) Perylene-d12	23.542	264	3179	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1000	0.178	ng	0.00
5) Phenol-d6	6.901	99	669	0.096	ng	0.00
8) Nitrobenzene-d5	8.875	82	1885	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2772	0.333	ng	-0.01
14) 2,4,6-Tribromophenol	15.857	330	506	0.362	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6491	0.362	ng	0.00
27) Fluoranthene-d10	19.136	212	6993	0.452	ng	0.00
31) Terphenyl-d14	19.735	244	4833	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	10360	3.872	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.467	198	7	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	927	0.094	ng	# 97

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

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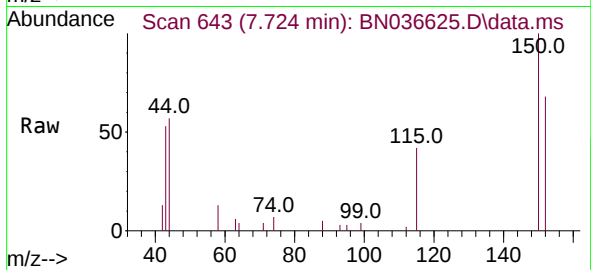
Quant Time: Mar 15 03:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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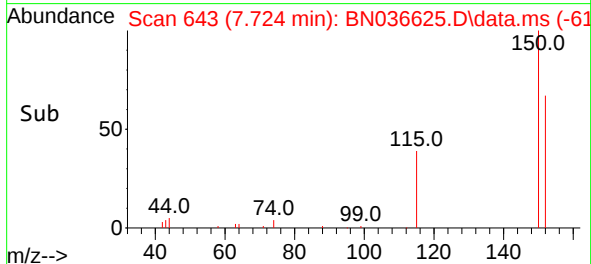
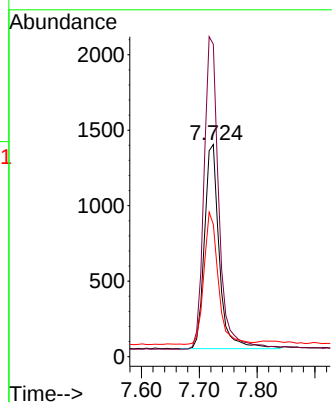
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036625.D
 Acq: 15 Mar 2025 02:29

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250312



Tgt Ion:152 Resp: 2412

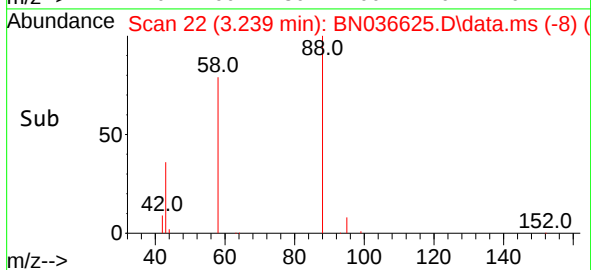
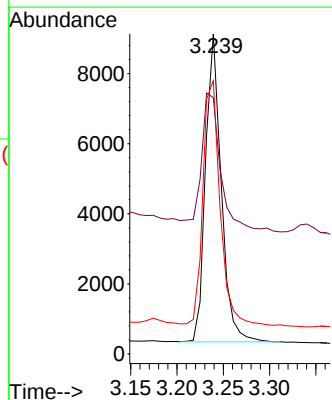
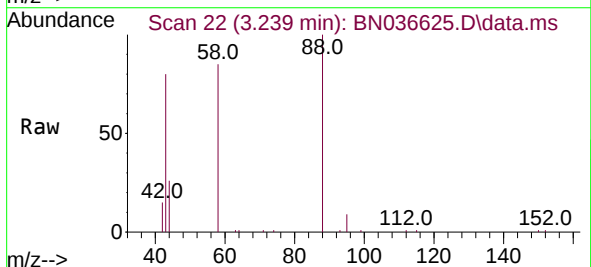
Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	62.3	54.3	81.5

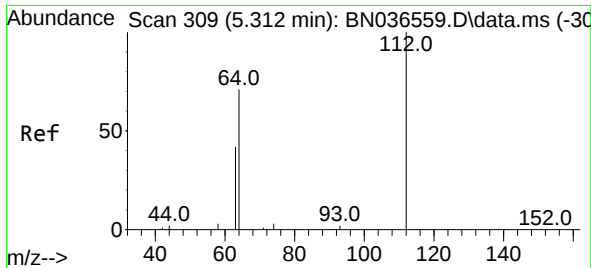


#2
 1,4-Dioxane
 Concen: 3.872 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036625.D
 Acq: 15 Mar 2025 02:29

Tgt Ion: 88 Resp: 10360

Ion	Ratio	Lower	Upper
88	100		
43	56.8	37.8	56.8#
58	87.1	67.4	101.2

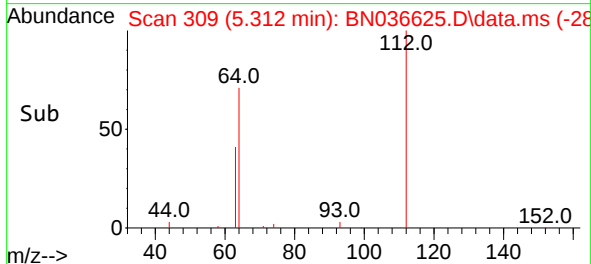
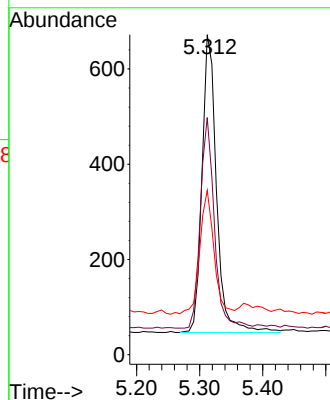
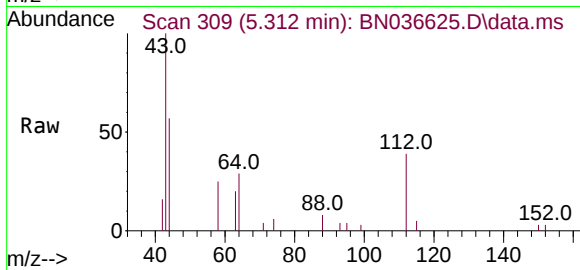




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

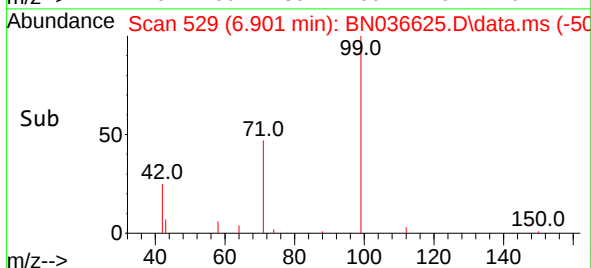
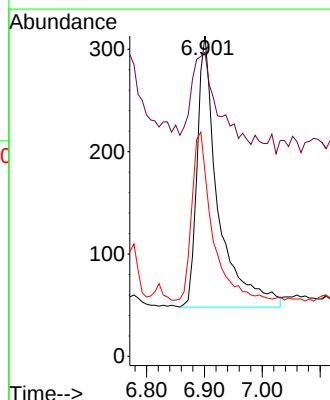
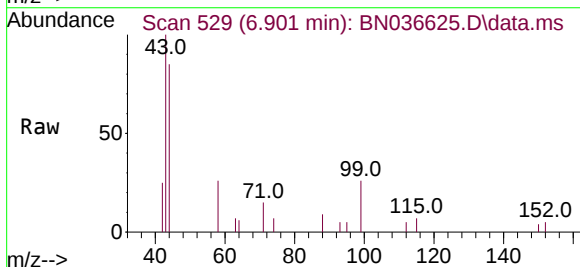
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion: 112 Resp: 1000
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 40.7 31.8 47.8



#5
Phenol-d6
Concen: 0.096 ng
RT: 6.901 min Scan# 529
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion: 99 Resp: 669
Ion Ratio Lower Upper
99 100
42 40.1 26.5 39.7#
71 59.6 34.1 51.1#

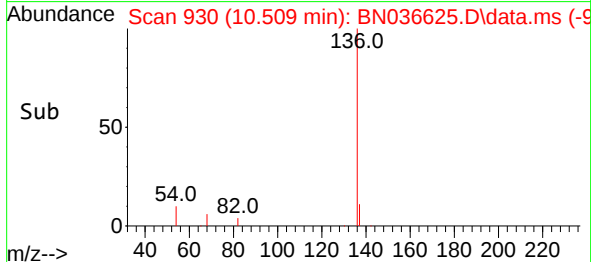
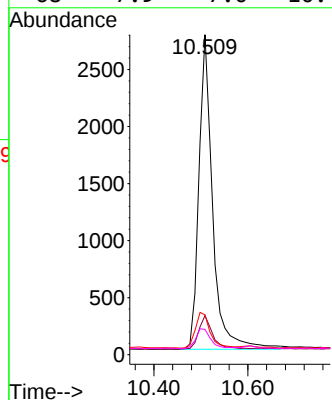
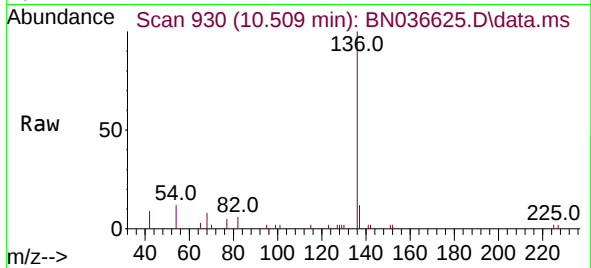




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

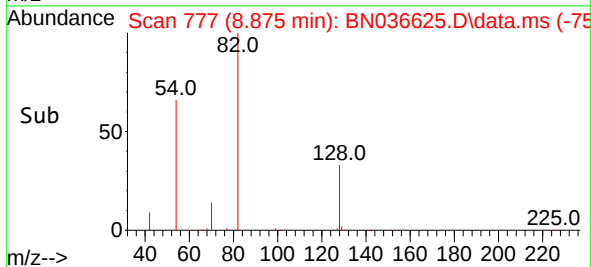
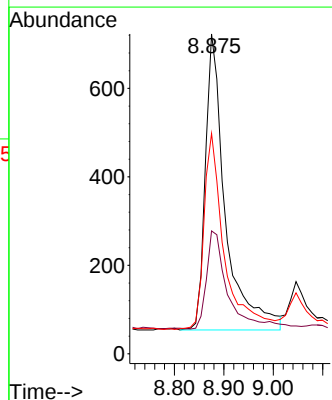
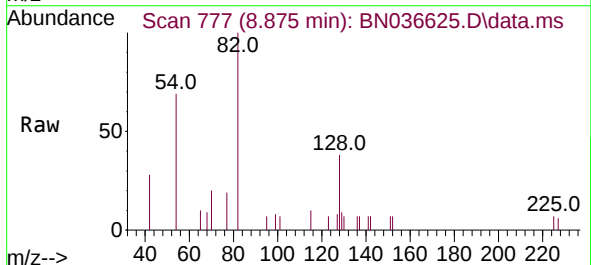
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:	136	Resp:	5603
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.3	15.5
54	12.4	11.5	17.3
68	7.9	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:	82	Resp:	1885
Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.6	45.8
54	68.9	52.2	78.4

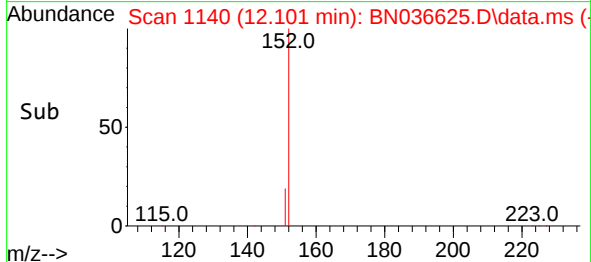
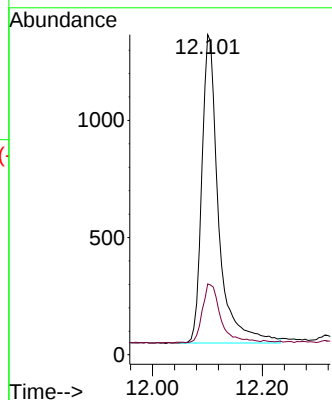
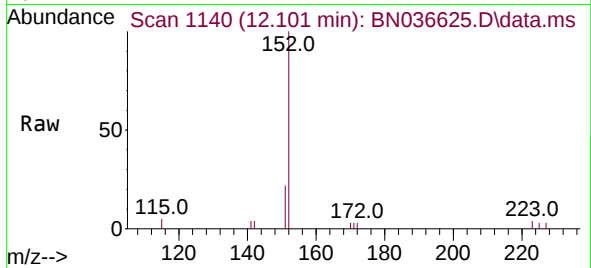




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

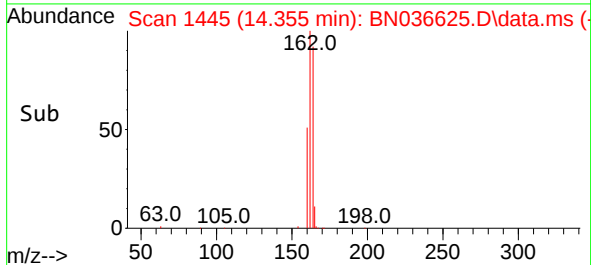
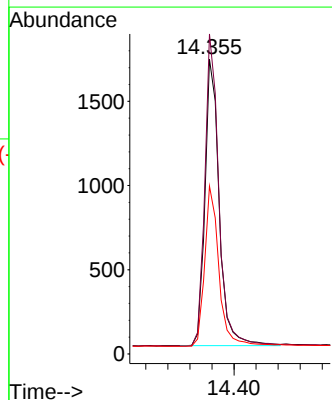
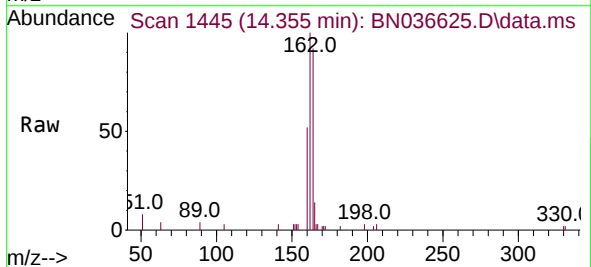
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:152 Resp: 2772
Ion Ratio Lower Upper
152 100
151 20.5 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: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:164 Resp: 3082
Ion Ratio Lower Upper
164 100
162 108.6 84.2 126.2
160 57.0 42.2 63.2

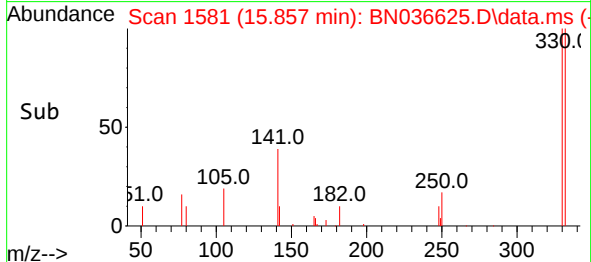
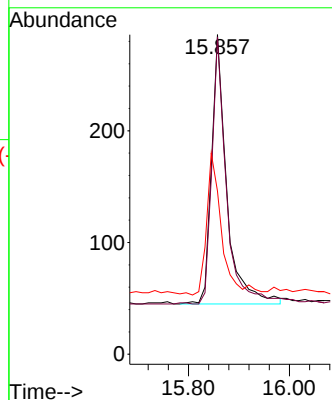
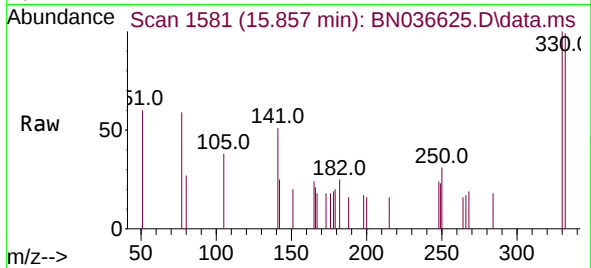




#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

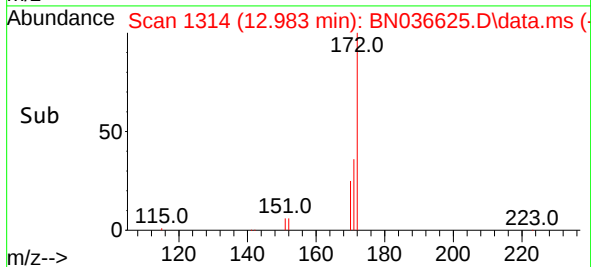
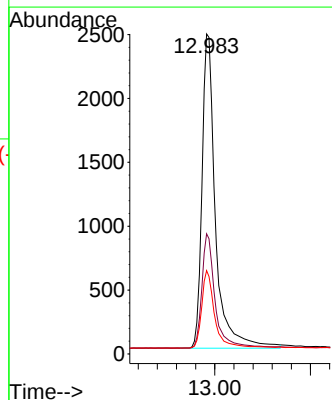
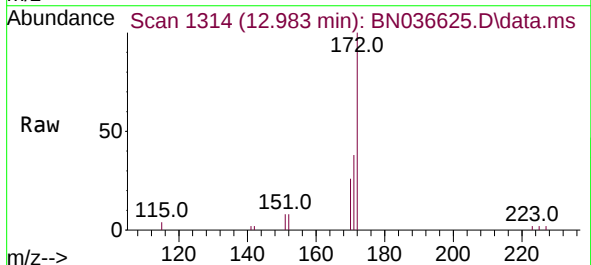
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:330 Resp: 506
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 52.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:172 Resp: 6491
Ion Ratio Lower Upper
172 100
171 37.6 29.5 44.3
170 26.1 20.2 30.4

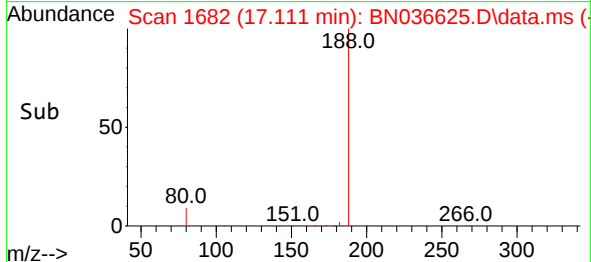
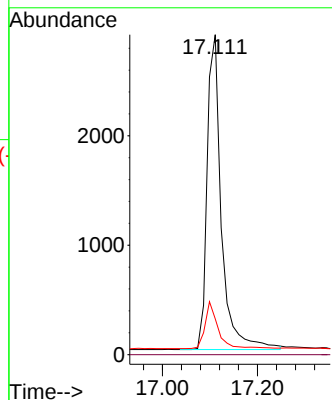
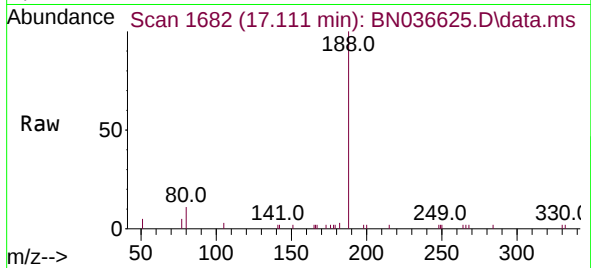




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

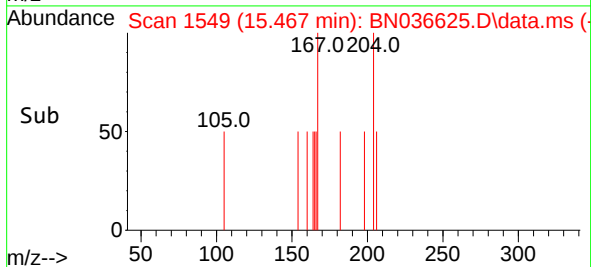
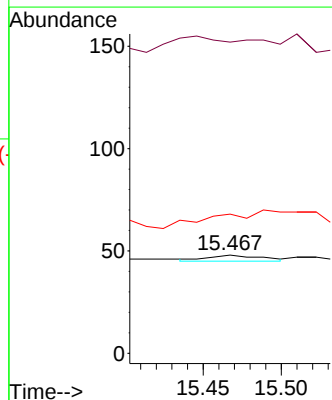
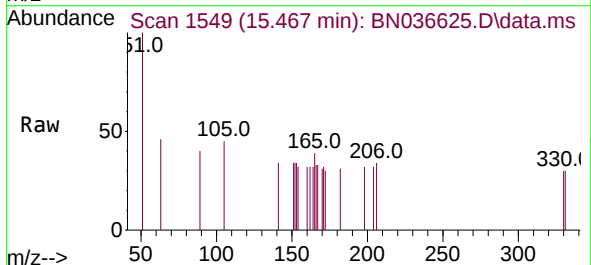
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:188 Resp: 6030
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 316.7 107.9 161.9#
105 141.7 56.2 84.2#

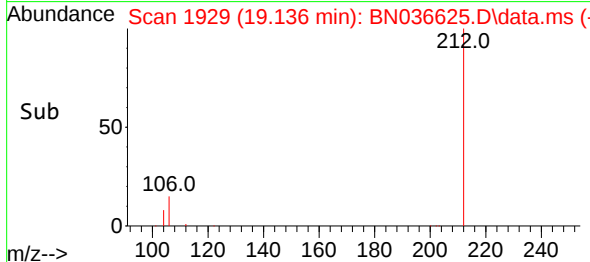
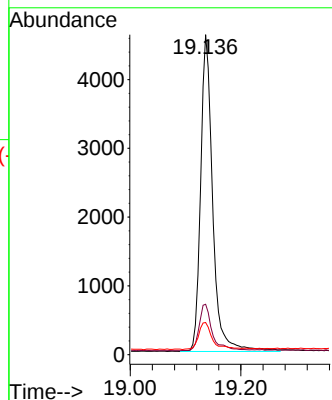
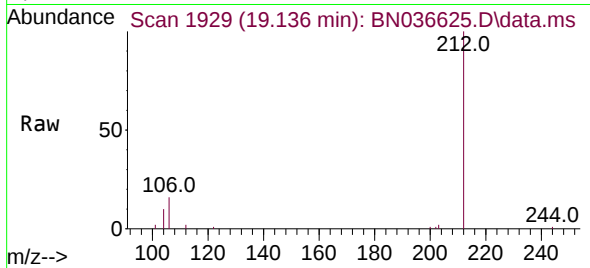




#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

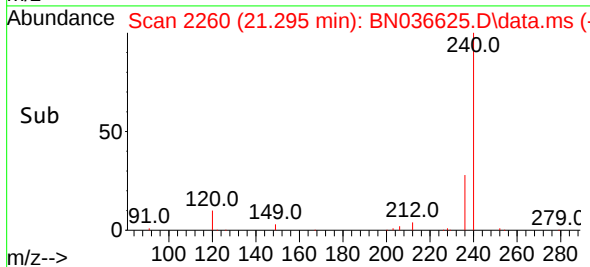
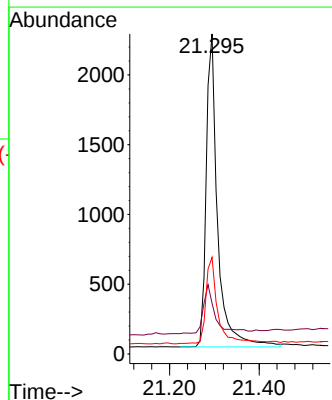
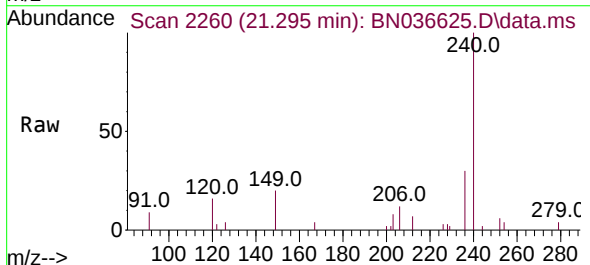
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:212 Resp: 6993
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:240 Resp: 3969
Ion Ratio Lower Upper
240 100
120 15.8 14.6 22.0
236 30.2 24.1 36.1

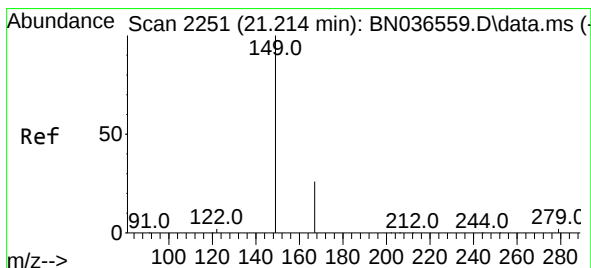
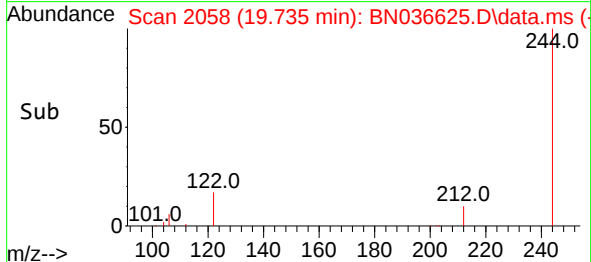
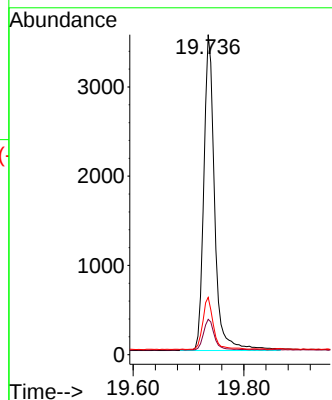
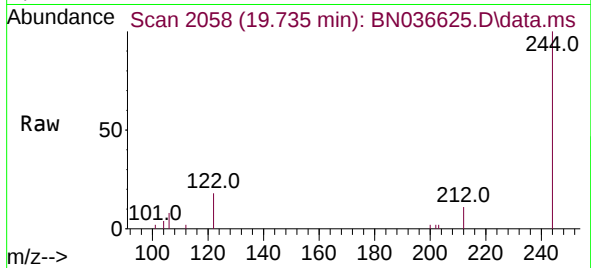




#31
Terphenyl-d14
Concen: 0.508 ng
RT: 19.735 min Scan# 2060
Delta R.T. -0.009 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

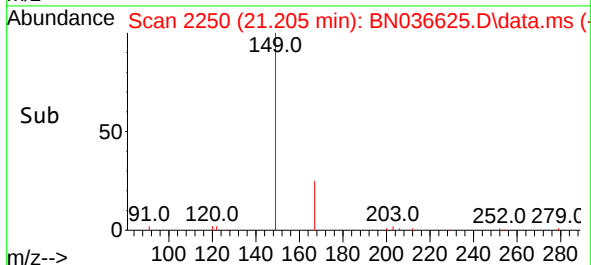
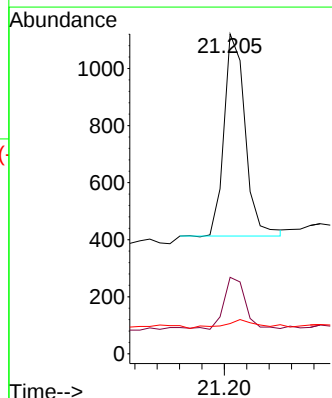
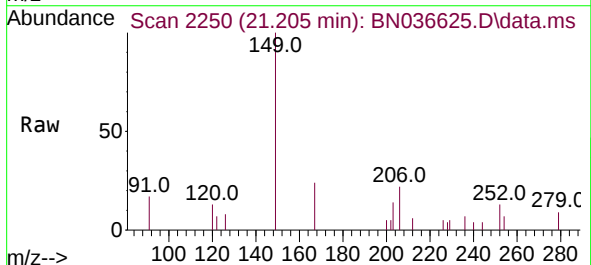
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:244 Resp: 4833
Ion Ratio Lower Upper
244 100
212 11.0 9.6 14.4
122 17.9 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

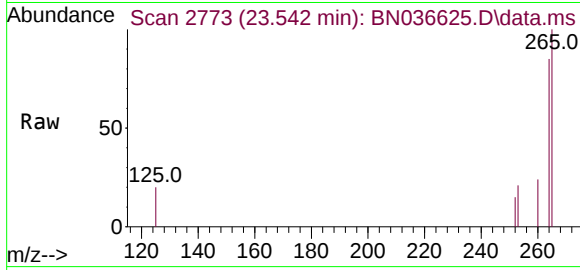
Tgt Ion:149 Resp: 927
Ion Ratio Lower Upper
149 100
167 24.8 20.7 31.1
279 7.6 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.542 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036625.D
 Acq: 15 Mar 2025 02:29

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250312



Tgt Ion:264 Resp: 3179

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.6	33.8
265	117.7	88.1	132.1

