

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036621.D
 Acq On : 15 Mar 2025 00:06
 Operator : RC/JU
 Sample : Q1559-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250310

Quant Time: Mar 15 00:42:39 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)

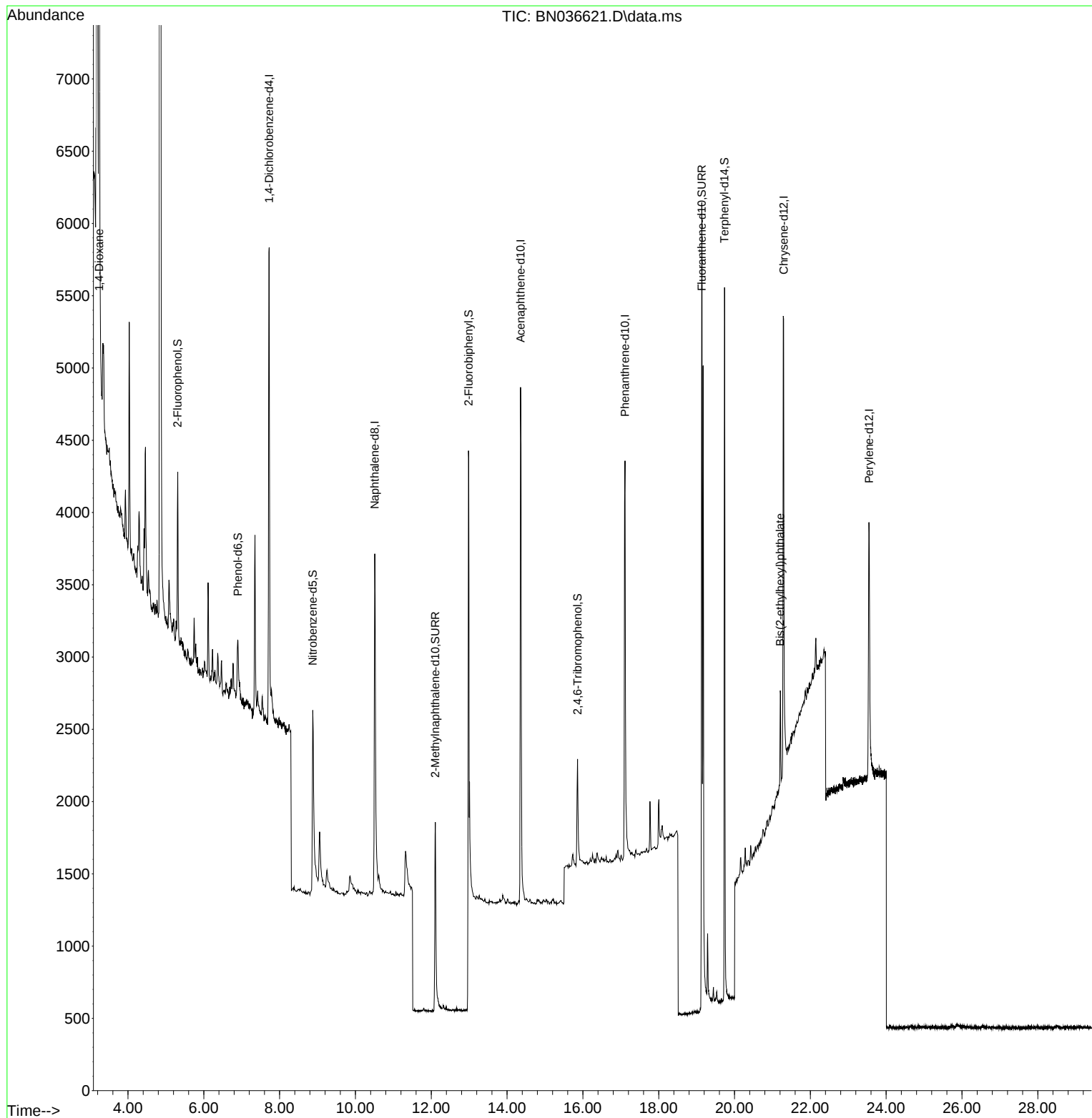
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1808	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4131	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2432	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	4989	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3810	0.400	ng	0.00
35) Perylene-d12	23.548	264	3020	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	806	0.191	ng	0.00
5) Phenol-d6	6.901	99	513	0.099	ng	0.00
8) Nitrobenzene-d5	8.875	82	1677	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2494	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	502	0.455	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6185	0.437	ng	0.00
27) Fluoranthene-d10	19.136	212	6965	0.545	ng	0.00
31) Terphenyl-d14	19.736	244	5021	0.550	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	4532	2.260	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.205	149	801	0.085	ng	# 91

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

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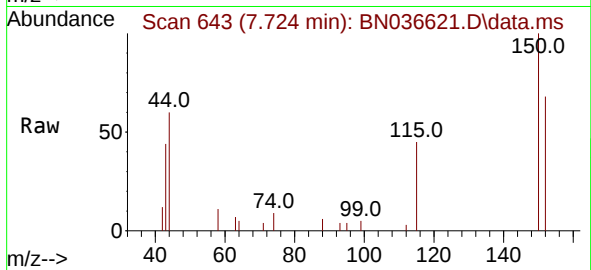
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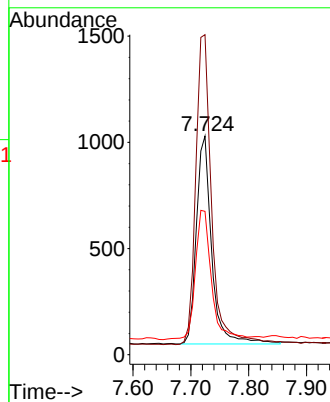
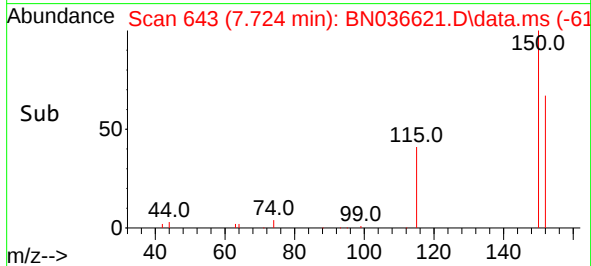


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036621.D
 Acq: 15 Mar 2025 00:06

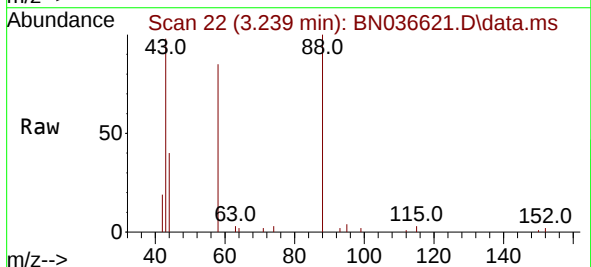
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250310



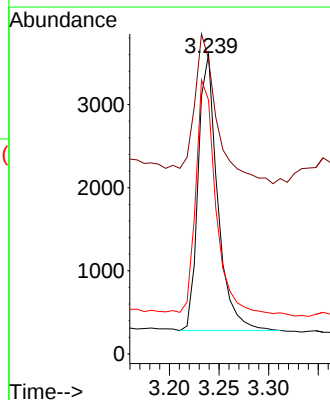
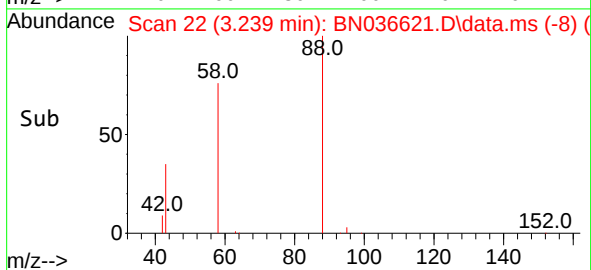
Tgt Ion:152 Resp: 1808
 Ion Ratio Lower Upper
 152 100
 150 146.5 123.7 185.5
 115 65.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.260 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036621.D
 Acq: 15 Mar 2025 00:06



Tgt Ion: 88 Resp: 4532
 Ion Ratio Lower Upper
 88 100
 43 62.9 37.8 56.8#
 58 86.8 67.4 101.2

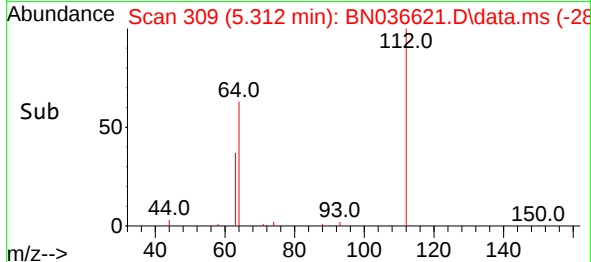
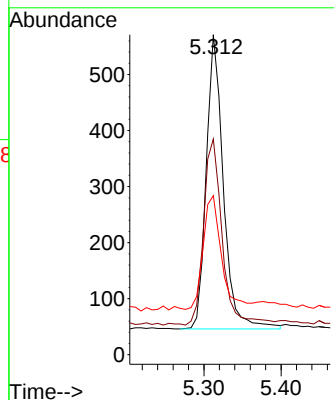
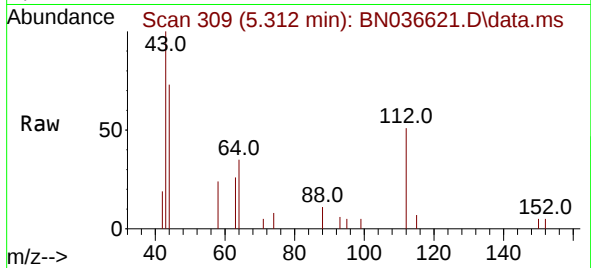




#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

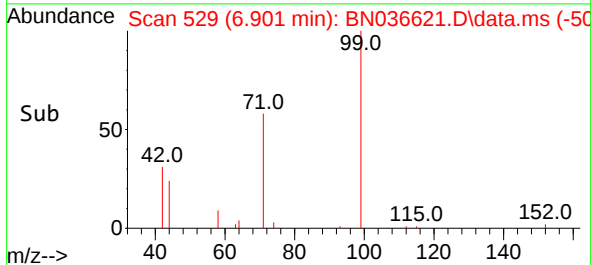
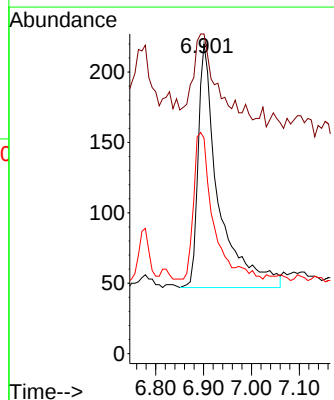
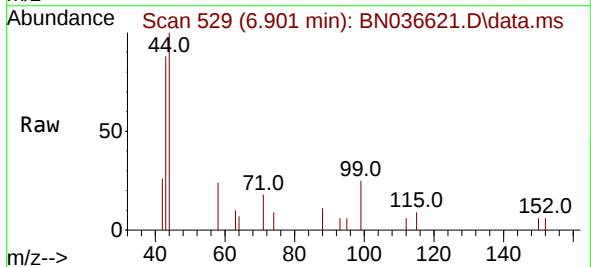
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250310

Tgt Ion:112 Resp: 806
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 41.6 31.8 47.8



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

Tgt Ion: 99 Resp: 513
Ion Ratio Lower Upper
99 100
42 30.6 26.5 39.7
71 53.6 34.1 51.1#

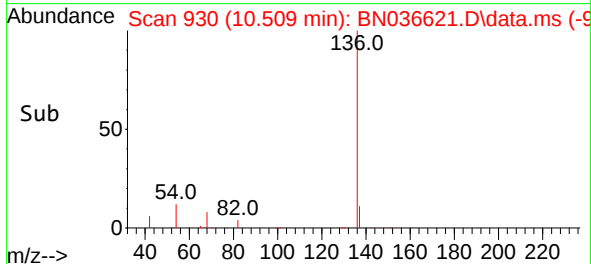
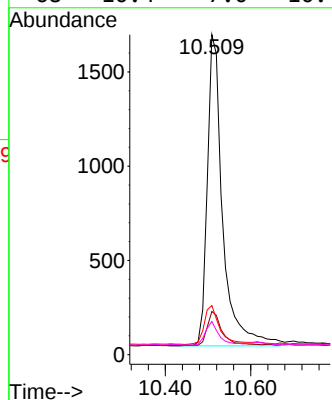
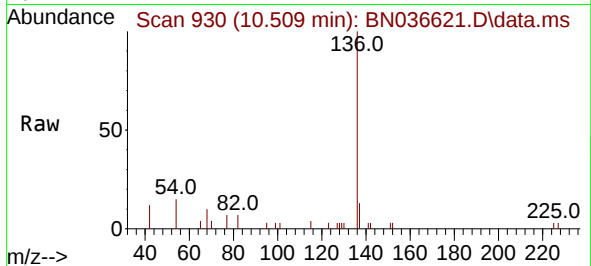




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

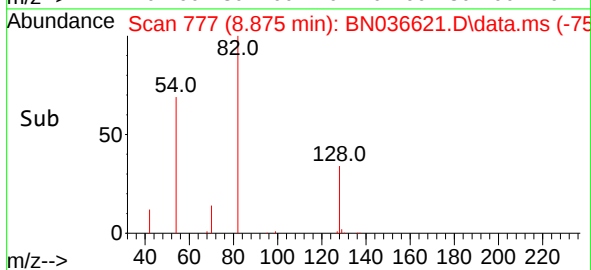
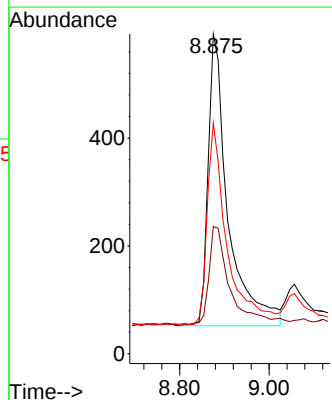
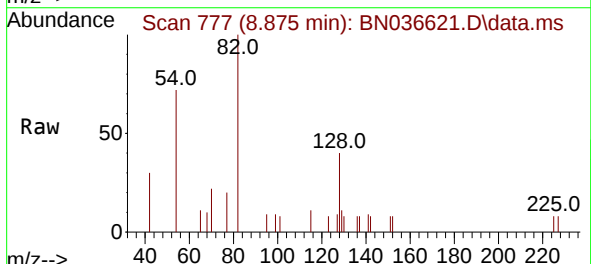
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250310

Tgt Ion:	136	Resp:	4131
Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.3	15.5
54	15.4	11.5	17.3
68	10.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

Tgt Ion:	82	Resp:	1677
Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.6	45.8
54	72.2	52.2	78.4

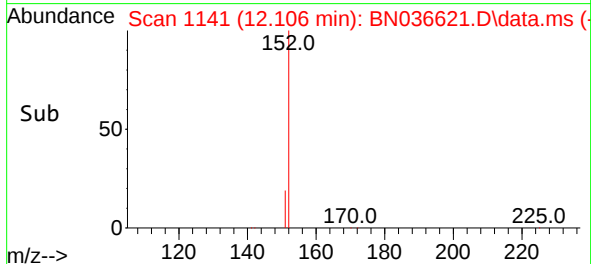
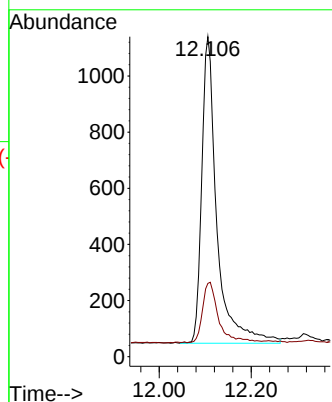
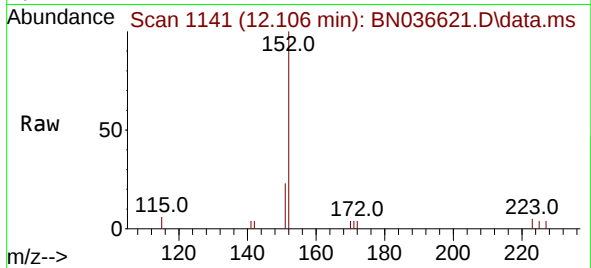




#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

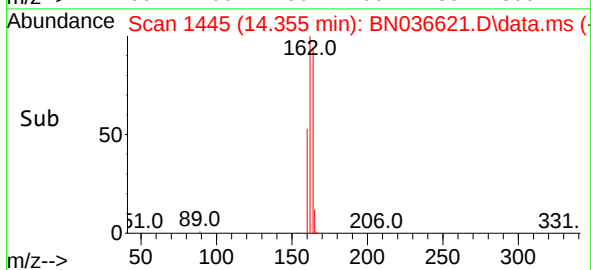
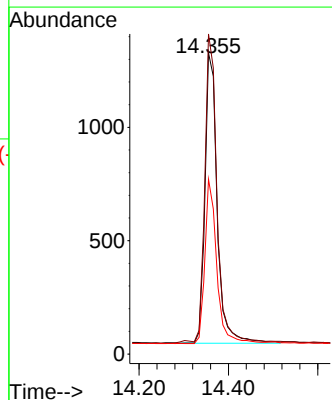
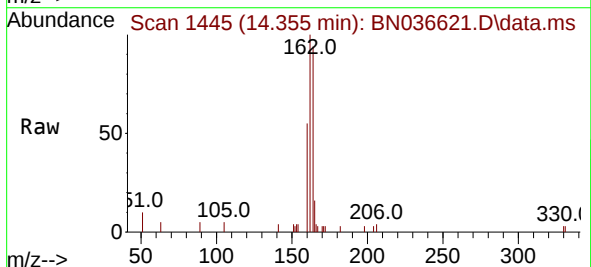
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250310

Tgt Ion:152 Resp: 2494
Ion Ratio Lower Upper
152 100
151 20.9 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: BN036621.D
Acq: 15 Mar 2025 00:06

Tgt Ion:164 Resp: 2432
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 58.1 42.2 63.2

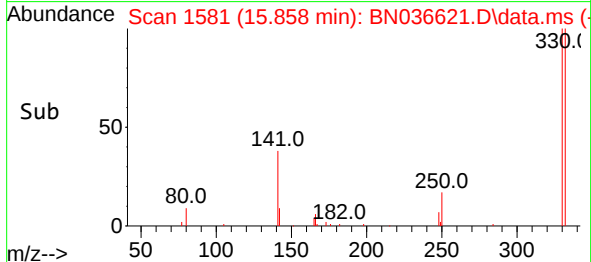
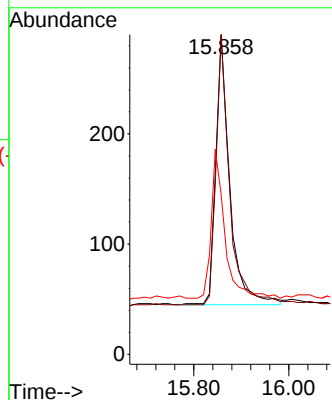
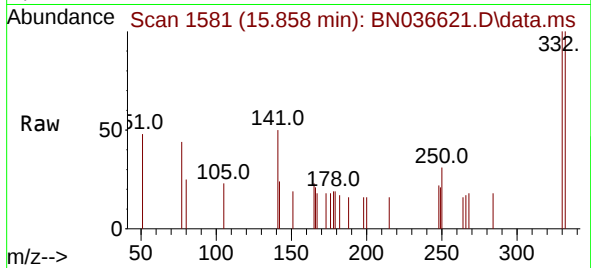




#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

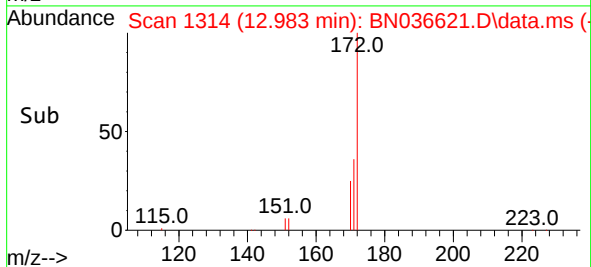
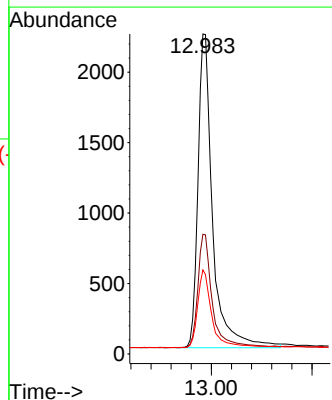
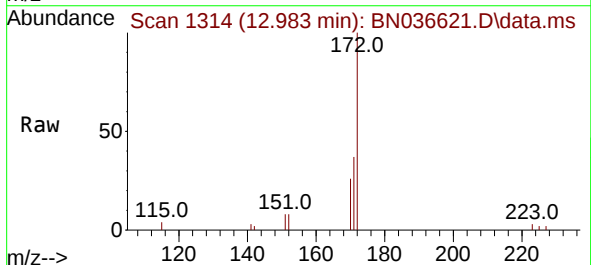
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250310

Tgt Ion:330 Resp: 502
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 53.2 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

Tgt Ion:172 Resp: 6185
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 26.2 20.2 30.4

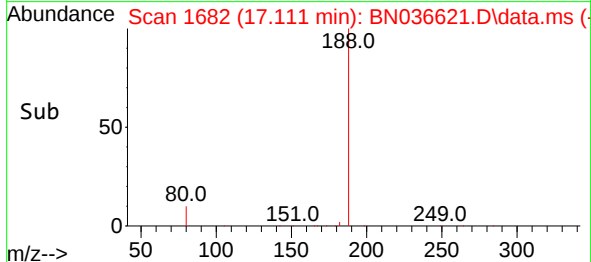
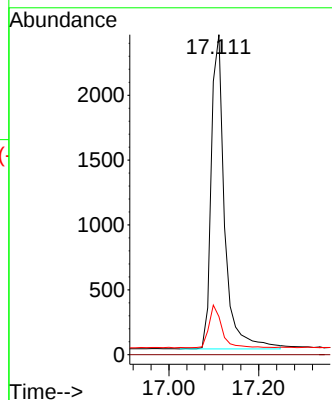
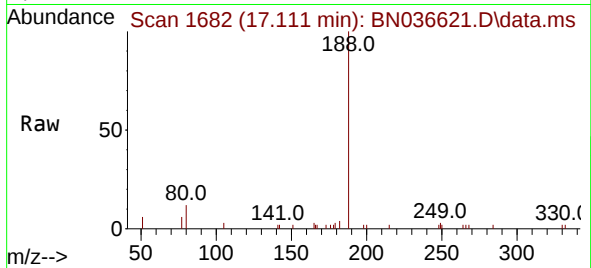




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

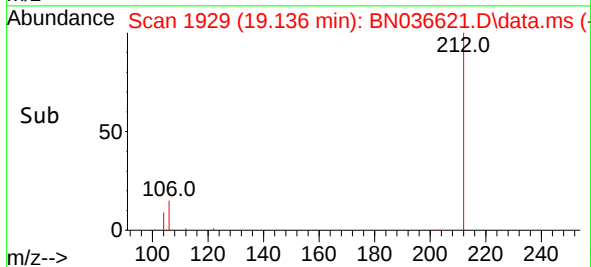
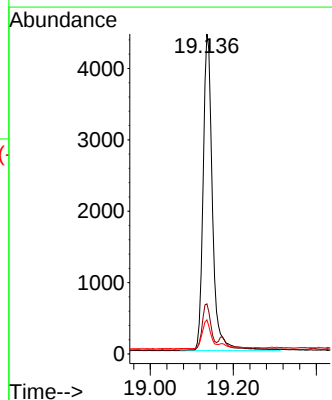
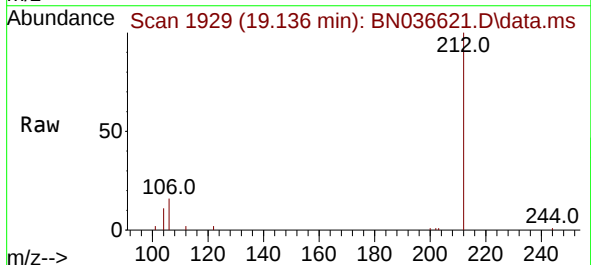
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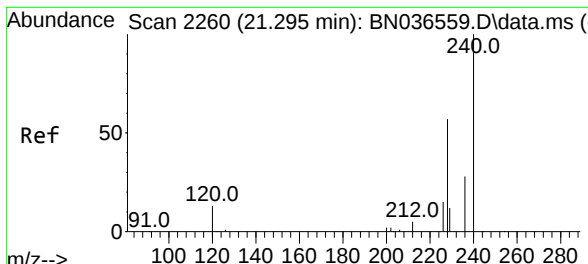
Tgt Ion:188 Resp: 4989
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.545 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

Tgt Ion:212 Resp: 6965
Ion Ratio Lower Upper
212 100
106 13.9 11.8 17.6
104 8.5 7.3 10.9

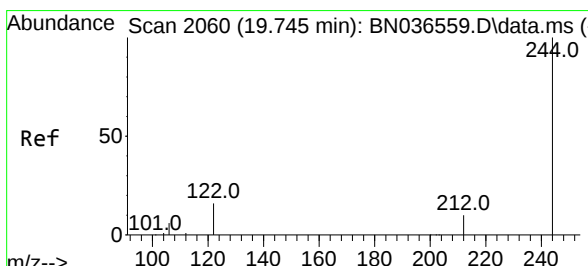
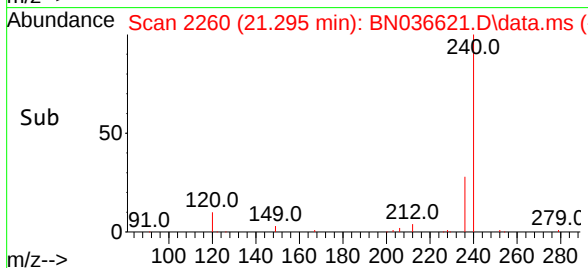
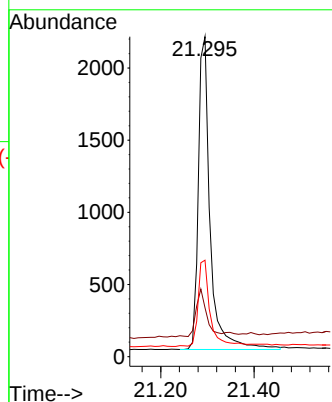
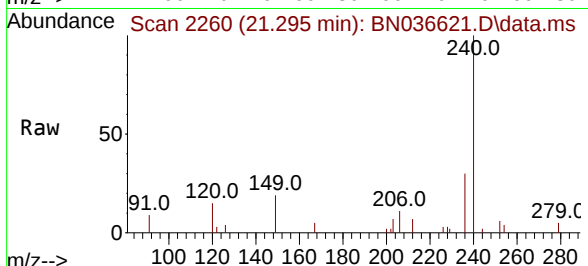




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

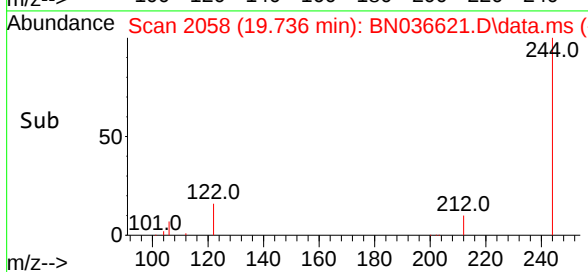
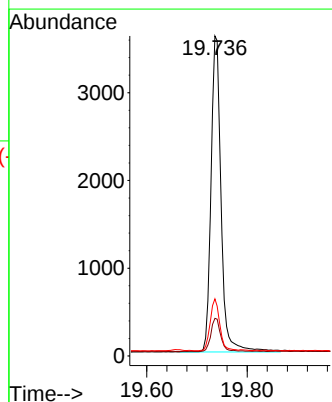
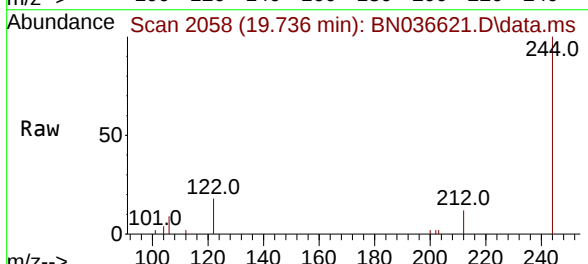
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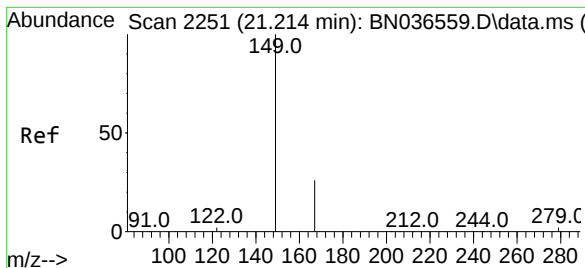
Tgt Ion:240 Resp: 3810
Ion Ratio Lower Upper
240 100
120 15.3 14.6 22.0
236 30.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.550 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036621.D
Acq: 15 Mar 2025 00:06

Tgt Ion:244 Resp: 5021
Ion Ratio Lower Upper
244 100
212 11.8 9.6 14.4
122 17.9 13.9 20.9

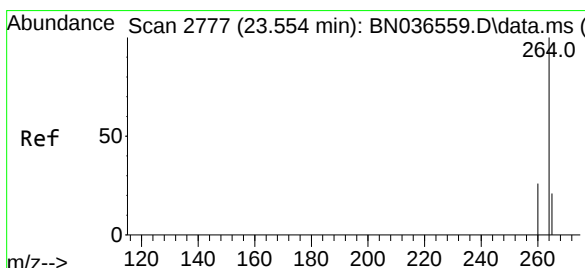
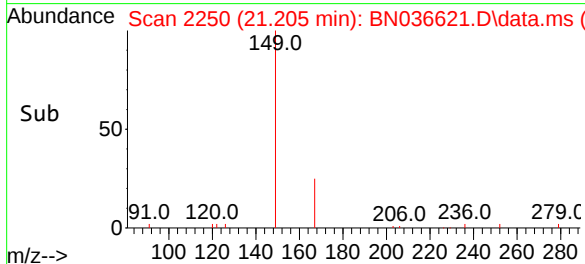
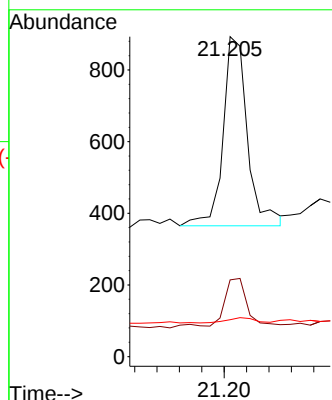
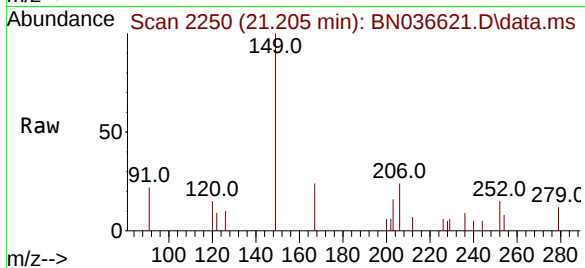




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036621.D
 Acq: 15 Mar 2025 00:06

Instrument :
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Tgt Ion:149 Resp: 801
 Ion Ratio Lower Upper
 149 100
 167 20.8 20.7 31.1
 279 3.1 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: BN036621.D
 Acq: 15 Mar 2025 00:06

Tgt Ion:264 Resp: 3020
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.6 33.8
 265 117.0 88.1 132.1

