

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036311.D
 Acq On : 05 Feb 2025 23:34
 Operator : RC/JU
 Sample : Q1250-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-300-302

Quant Time: Feb 06 01:07:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

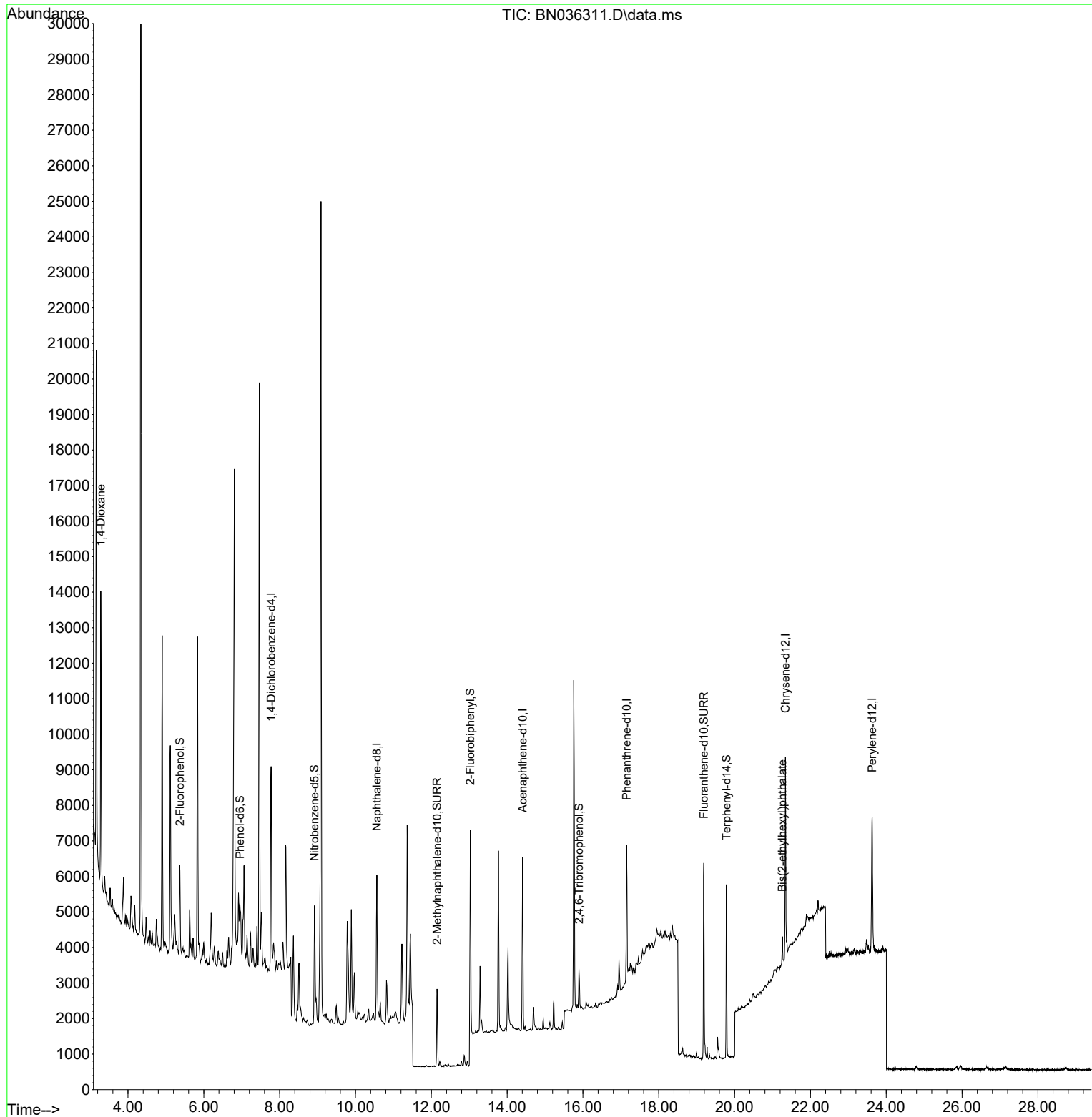
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2258	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5198	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2702	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	5449	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	5103	0.400	ng	0.00
35) Perylene-d12	23.627	264	5423	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1558	0.265	ng	0.00
5) Phenol-d6	6.952	99	1167	0.169	ng	0.00
8) Nitrobenzene-d5	8.918	82	2171	0.442	ng	-0.01
11) 2-Methylnaphthalene-d10	12.151	152	2966	0.420	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	574	0.331	ng	-0.01
15) 2-Fluorobiphenyl	13.030	172	3724	0.309	ng	-0.01
27) Fluoranthene-d10	19.187	212	6071	0.430	ng	0.00
31) Terphenyl-d14	19.787	244	4638	0.438	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	4224	1.674	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	759	0.075	ng	# 98

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

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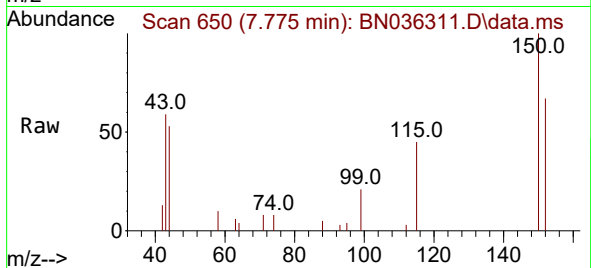
Quant Time: Feb 06 01:07:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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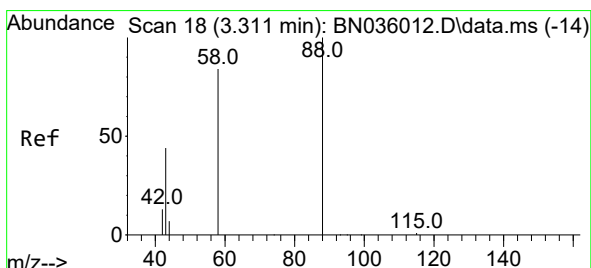
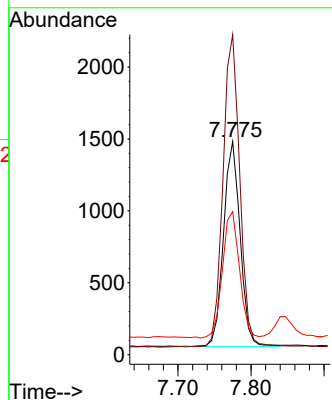
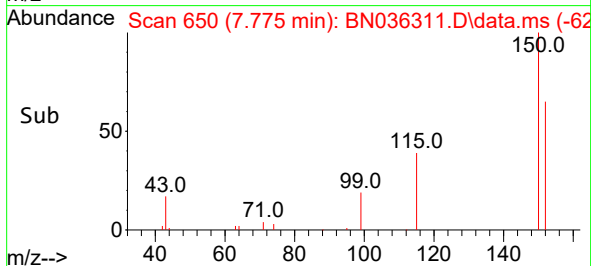


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036311.D
 Acq: 05 Feb 2025 23:34

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-300-302

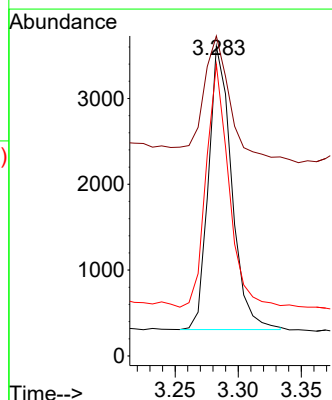
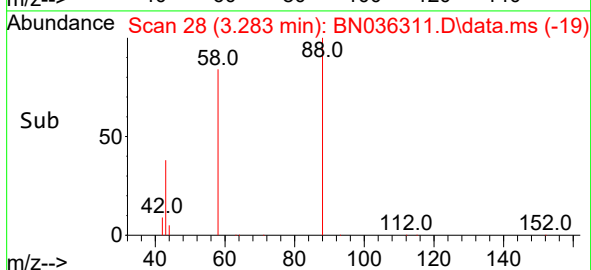
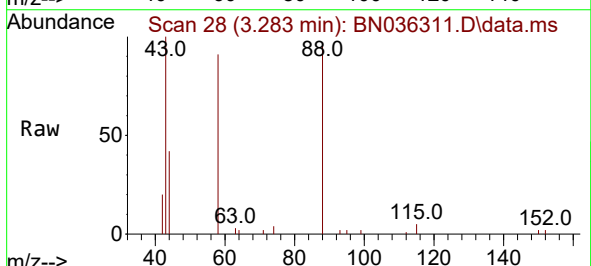


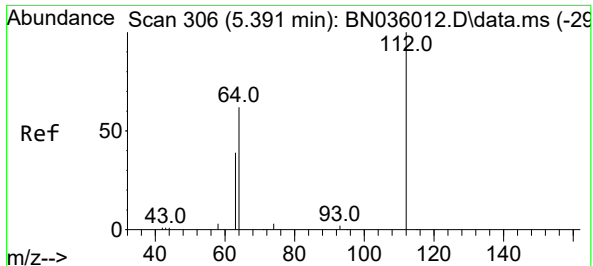
Tgt Ion:152 Resp: 2258
 Ion Ratio Lower Upper
 152 100
 150 150.1 117.4 176.2
 115 67.1 51.0 76.4



#2
 1,4-Dioxane
 Concen: 1.674 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN036311.D
 Acq: 05 Feb 2025 23:34

Tgt Ion: 88 Resp: 4224
 Ion Ratio Lower Upper
 88 100
 43 47.0 38.5 57.7
 58 83.7 66.6 99.8

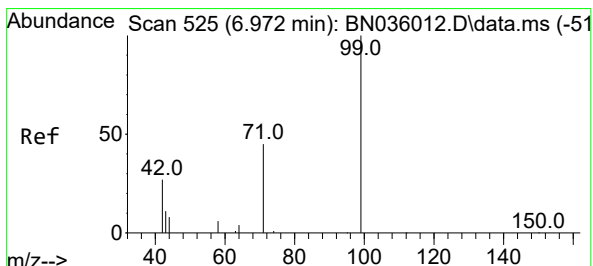
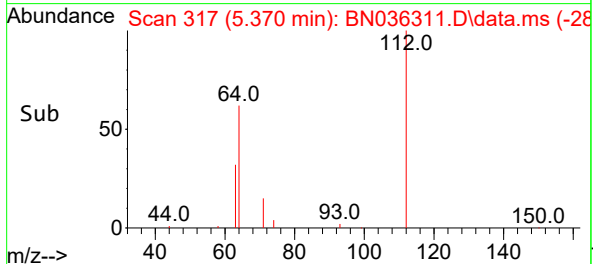
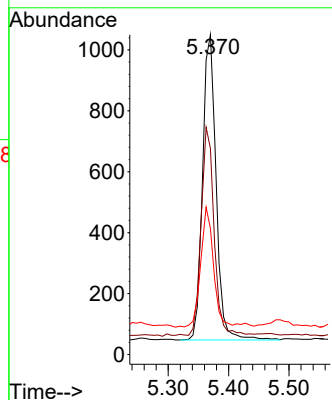
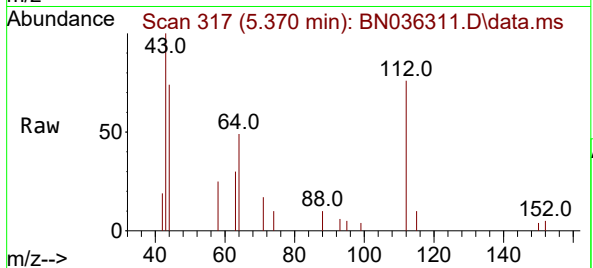




#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

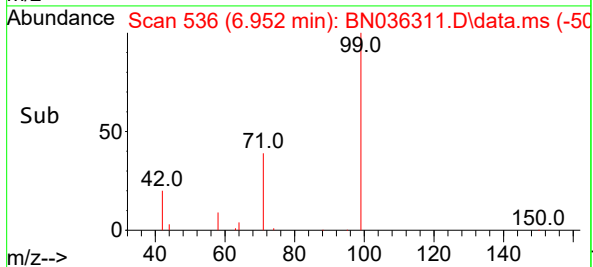
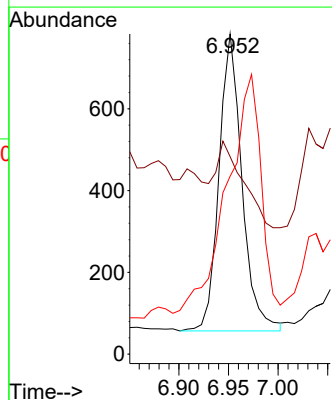
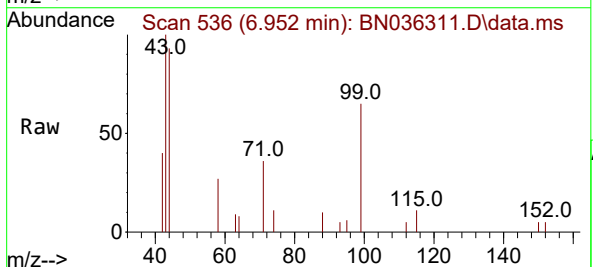
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-300-302

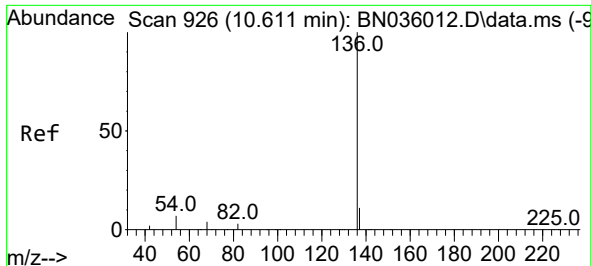
Tgt Ion:112 Resp: 1558
Ion Ratio Lower Upper
112 100
64 65.5 50.0 75.0
63 36.7 30.7 46.1



#5
Phenol-d6
Concen: 0.169 ng
RT: 6.952 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

Tgt Ion: 99 Resp: 1167
Ion Ratio Lower Upper
99 100
42 33.9 26.8 40.2
71 0.0 36.6 55.0#

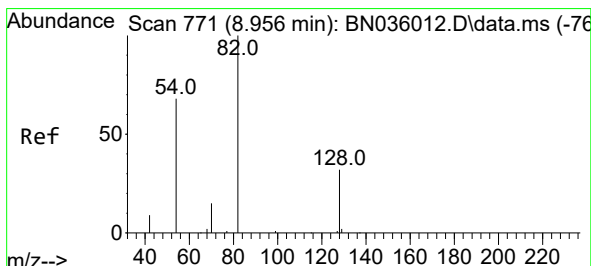
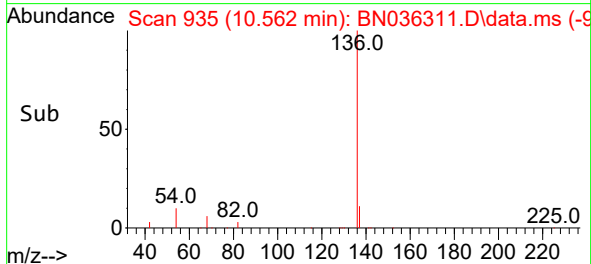
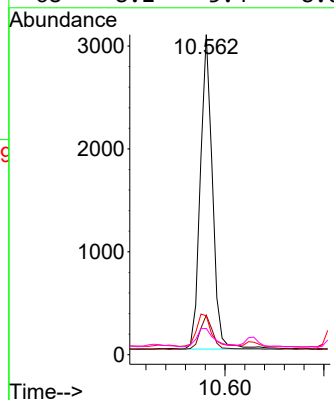
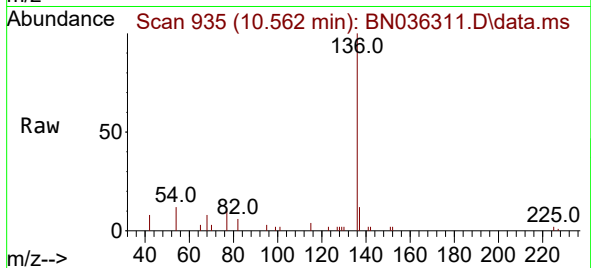




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

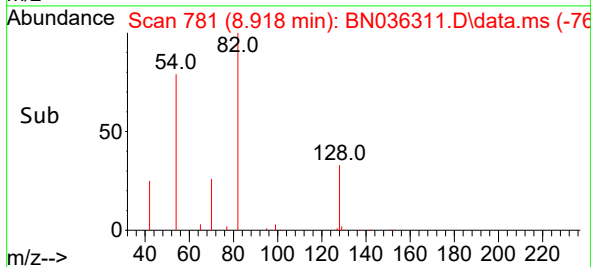
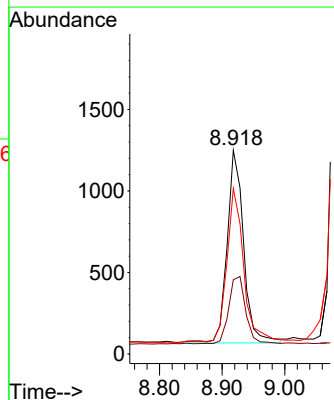
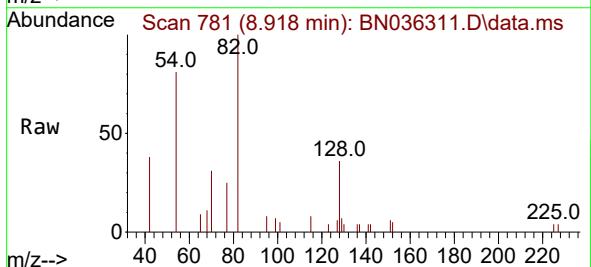
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-300-302

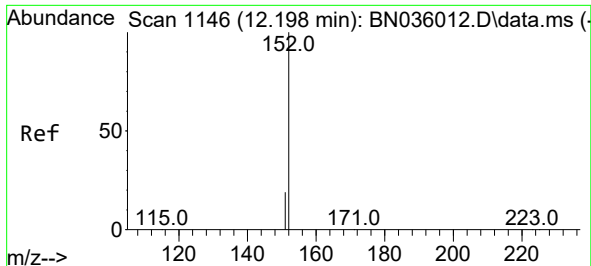
Tgt Ion:	136	Resp:	5198
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	12.2	7.7	11.5#
68	8.2	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.442 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

Tgt Ion:	82	Resp:	2171
Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.8	43.2
54	81.3	55.8	83.8





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.151 min Scan# 1150

Delta R.T. -0.005 min

Lab File: BN036311.D

Acq: 05 Feb 2025 23:34

Instrument :

BNA_N

ClientSampleId :

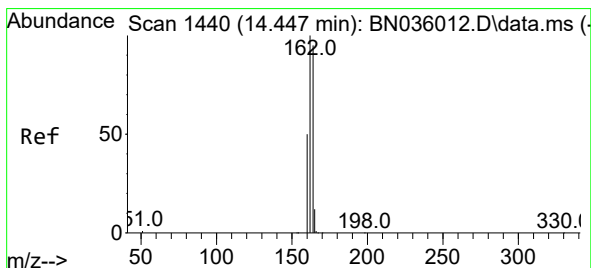
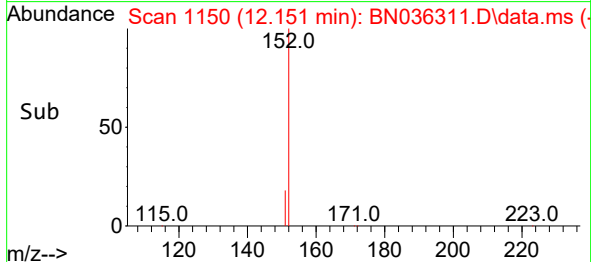
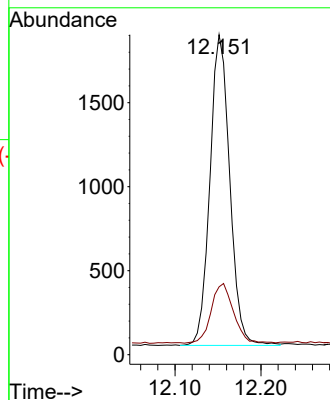
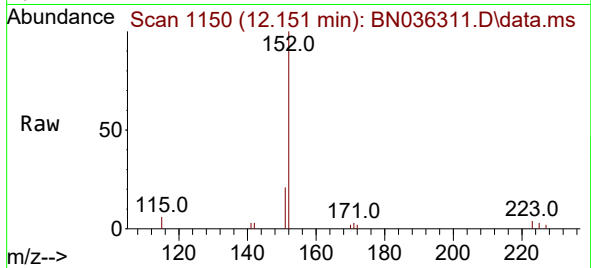
BP-VPB-192-GW-300-302

Tgt Ion:152 Resp: 2966

Ion Ratio Lower Upper

152 100

151 21.4 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.409 min Scan# 1450

Delta R.T. -0.000 min

Lab File: BN036311.D

Acq: 05 Feb 2025 23:34

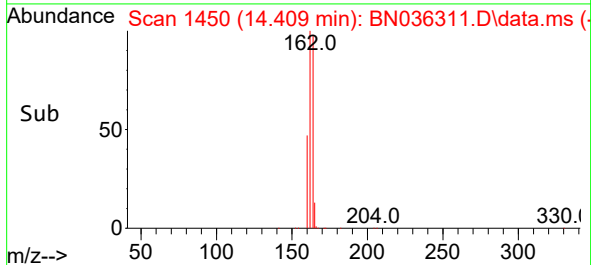
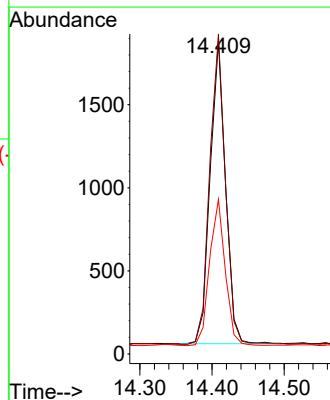
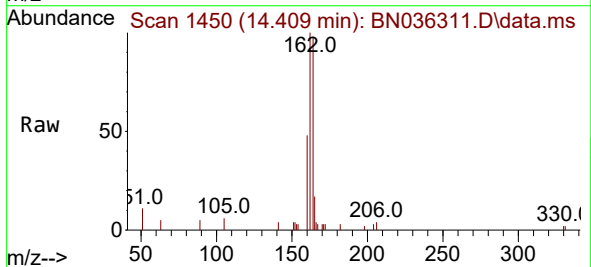
Tgt Ion:164 Resp: 2702

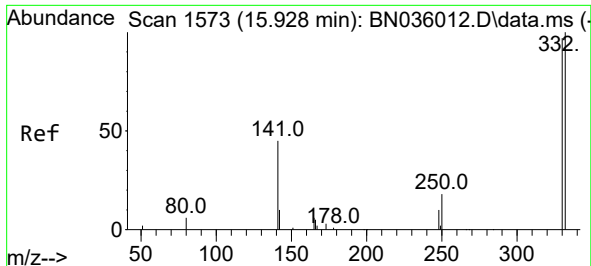
Ion Ratio Lower Upper

164 100

162 102.2 84.1 126.1

160 49.4 43.8 65.8

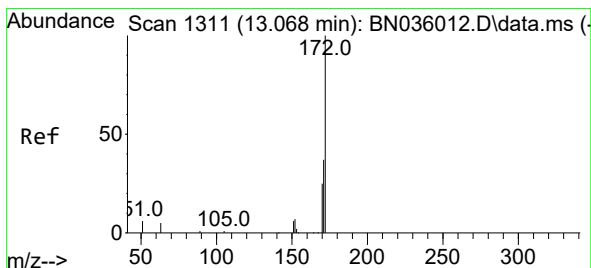
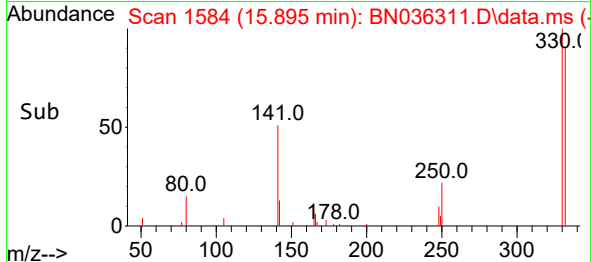
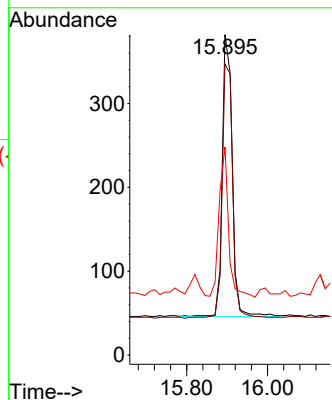
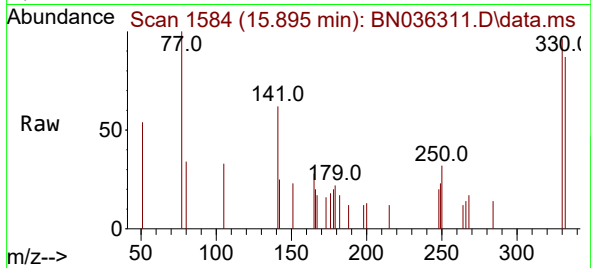




#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.895 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

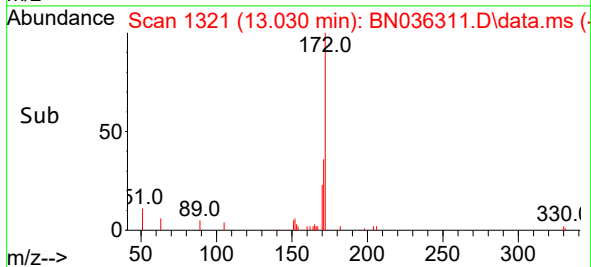
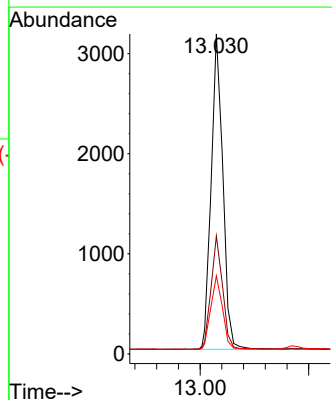
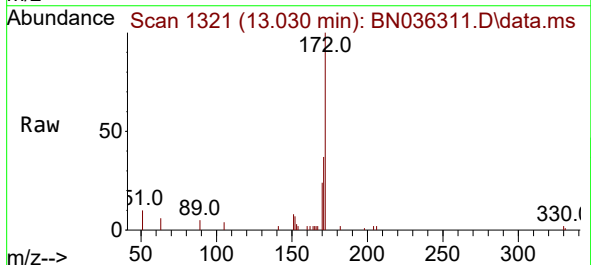
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-300-302

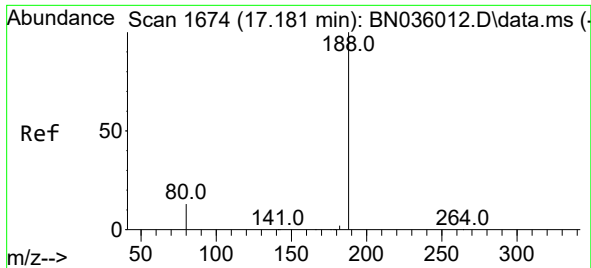
Tgt Ion:330 Resp: 574
Ion Ratio Lower Upper
330 100
332 94.3 81.0 121.4
141 50.3 36.7 55.1



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.030 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

Tgt Ion:172 Resp: 3724
Ion Ratio Lower Upper
172 100
171 36.8 30.9 46.3
170 24.4 21.2 31.8

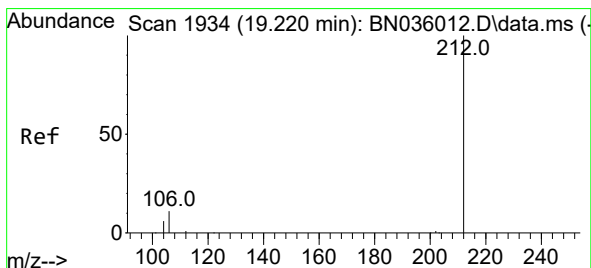
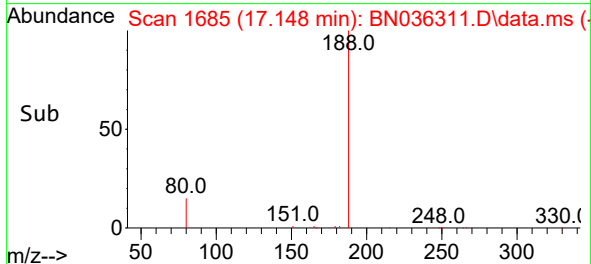
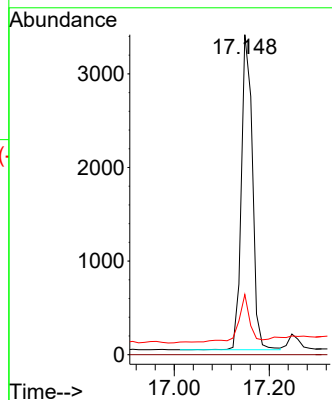
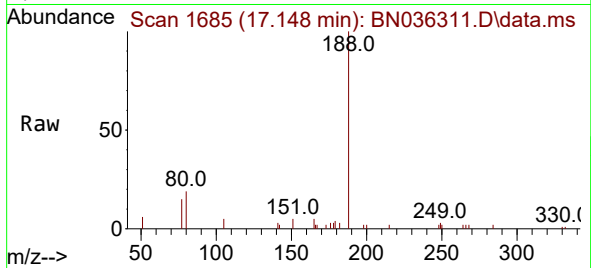




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.013 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

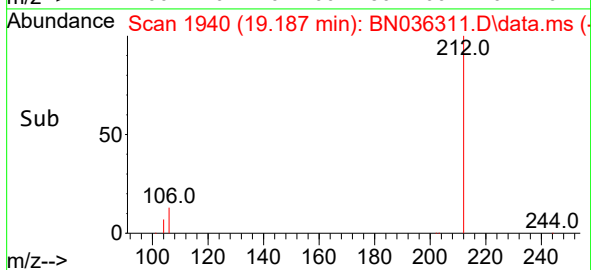
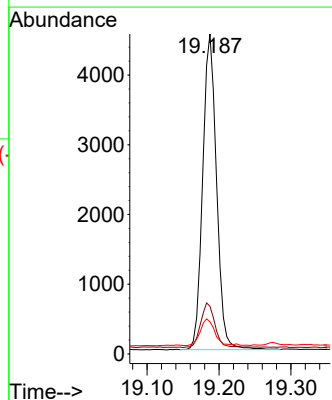
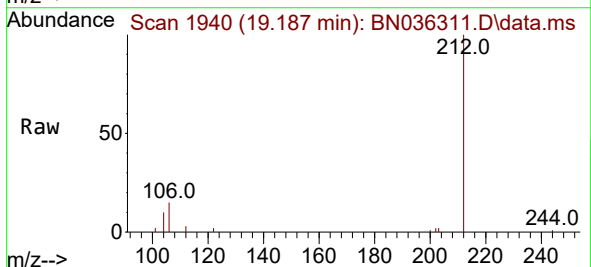
Instrument :
BNA_N
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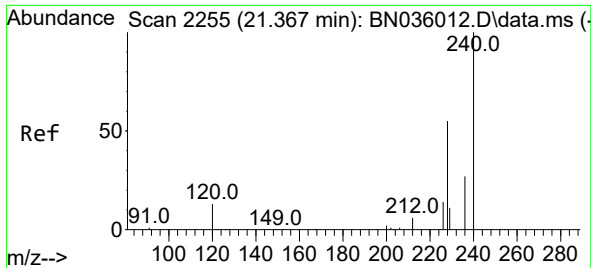
Tgt Ion:188 Resp: 5449
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.8 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

Tgt Ion:212 Resp: 6071
Ion Ratio Lower Upper
212 100
106 14.4 9.7 14.5
104 8.9 6.0 9.0

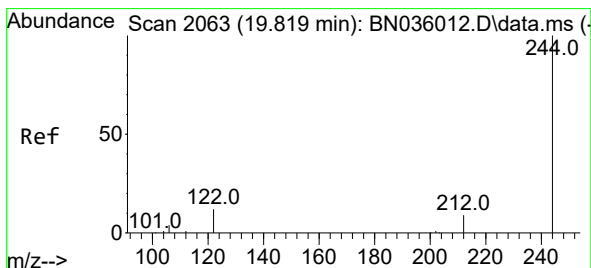
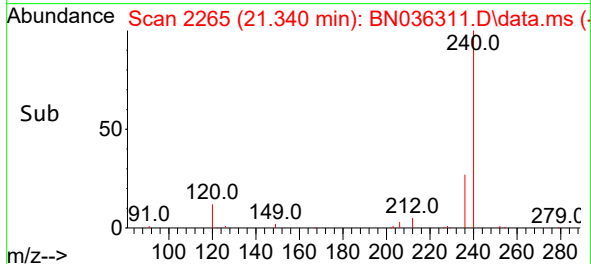
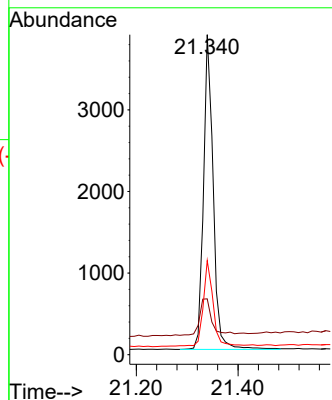
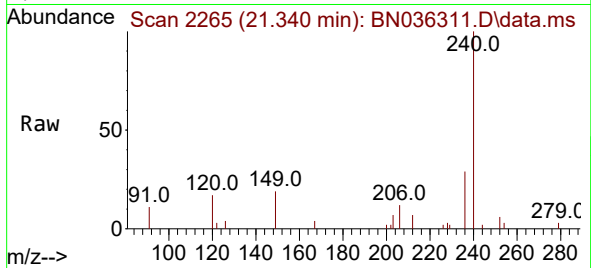




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

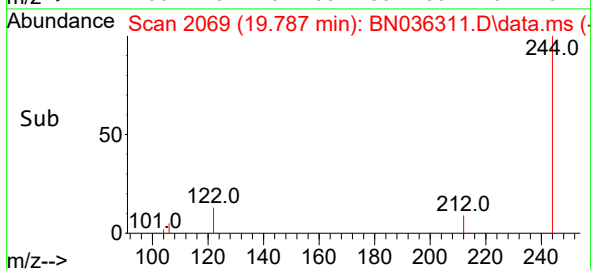
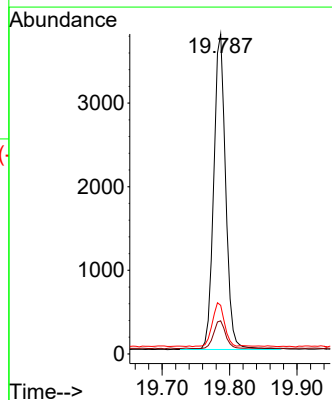
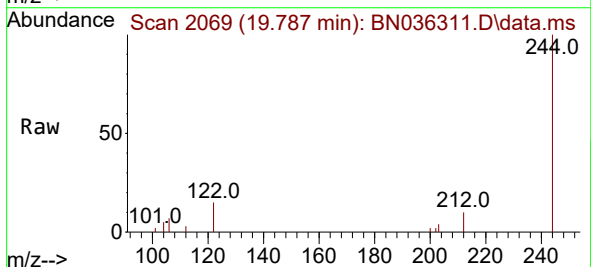
Instrument :
BNA_N
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BP-VPB-192-GW-300-302

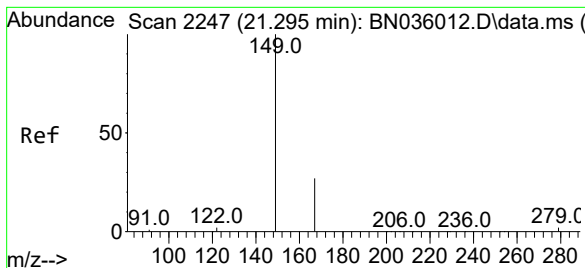
Tgt Ion:240 Resp: 5103
Ion Ratio Lower Upper
240 100
120 17.4 13.9 20.9
236 29.4 23.7 35.5



#31
Terphenyl-d14
Concen: 0.438 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN036311.D
Acq: 05 Feb 2025 23:34

Tgt Ion:244 Resp: 4638
Ion Ratio Lower Upper
244 100
212 10.3 9.1 13.7
122 15.2 11.3 16.9

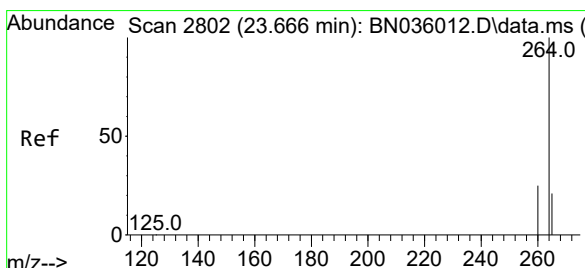
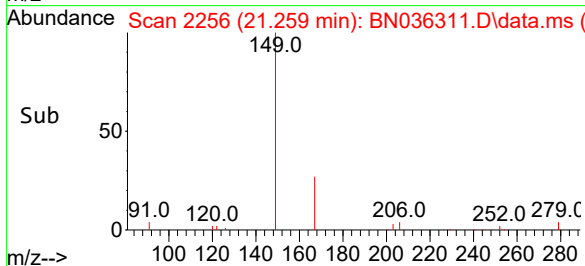
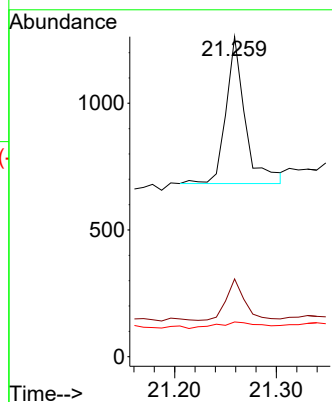
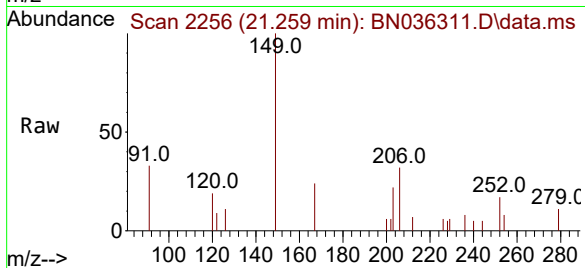




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036311.D
 Acq: 05 Feb 2025 23:34

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-300-302

Tgt Ion:149 Resp: 759
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 9.7 3.0 4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.627 min Scan# 2802
 Delta R.T. -0.000 min
 Lab File: BN036311.D
 Acq: 05 Feb 2025 23:34

Tgt Ion:264 Resp: 5423
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.8 32.6
 265 107.9 56.6 84.8#

