

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036115.D
 Acq On : 29 Jan 2025 19:55
 Operator : RC/JU
 Sample : Q1199-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250124

Quant Time: Jan 30 00:36:02 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 Jan 23 00:34:56 2025
 Response via : Initial Calibration

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

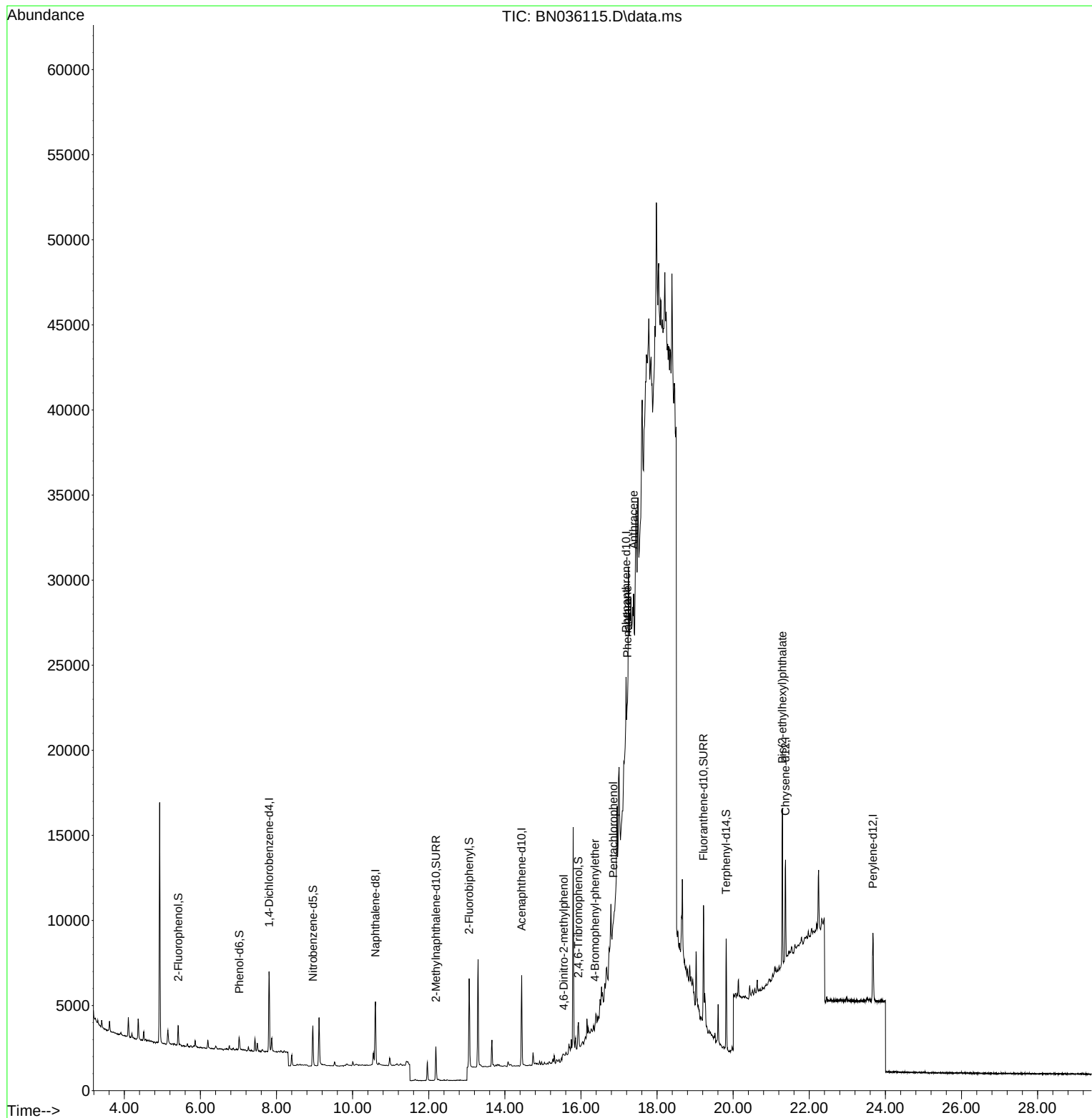
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2206	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	5767	0.400	ng	-0.01
13) Acenaphthene-d10	14.441	164	2988	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6578	0.400	ng	# 0.00
29) Chrysene-d12	21.376	240	5317	0.400	ng	0.00
35) Perylene-d12	23.675	264	5108	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	871	0.152	ng	0.03
5) Phenol-d6	7.023	99	665	0.099	ng	0.05
8) Nitrobenzene-d5	8.956	82	1840	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.187	152	2755	0.351	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	608	0.317	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4082	0.306	ng	0.00
27) Fluoranthene-d10	19.220	212	7666	0.450	ng	0.00
31) Terphenyl-d14	19.815	244	5937	0.538	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.548	198	37	0.024	ng	# 1
21) 4-Bromophenyl-phenylether	16.367	248	118	0.025	ng	# 1
24) Pentachlorophenol	16.851	266	54	0.020	ng	# 19
25) Phenanthrene	17.223	178	2143	0.108	ng	# 59
26) Anthracene	17.385	178	412	0.023	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.295	149	8450	0.800	ng	99

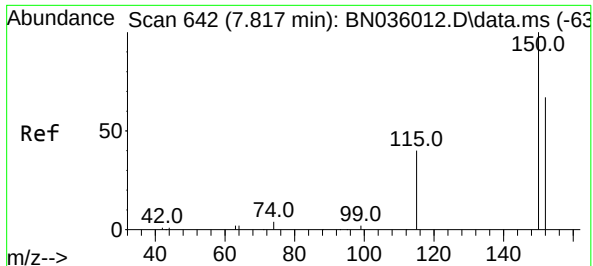
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
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Instrument :
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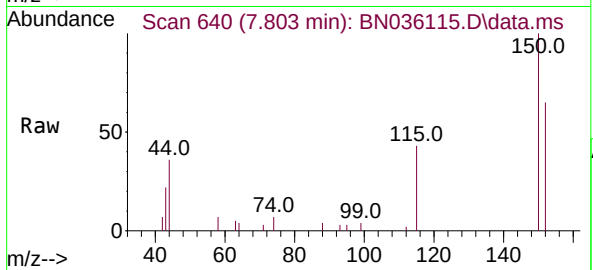
Quant Time: Jan 30 00:36:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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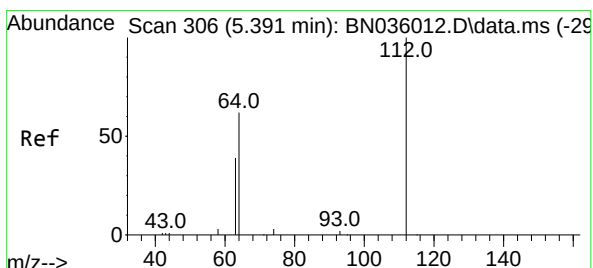
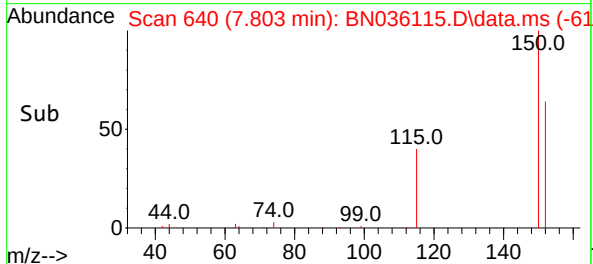
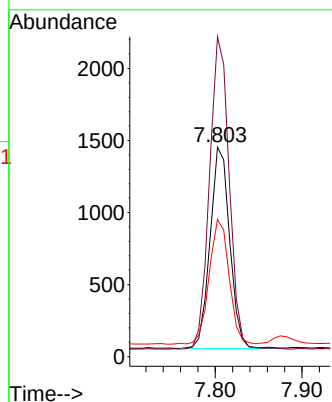


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250124

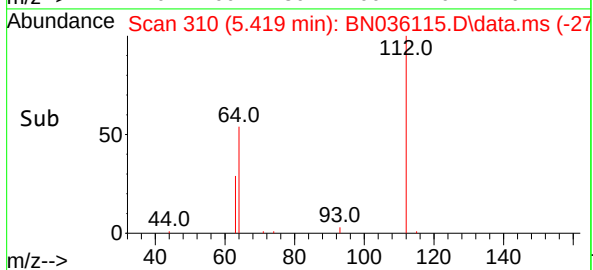
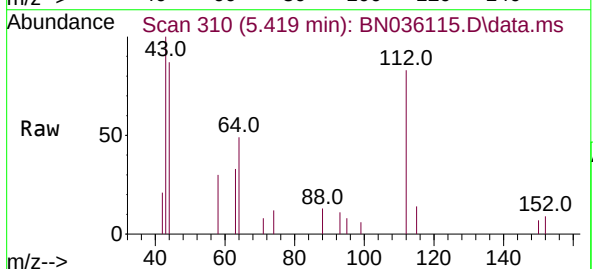
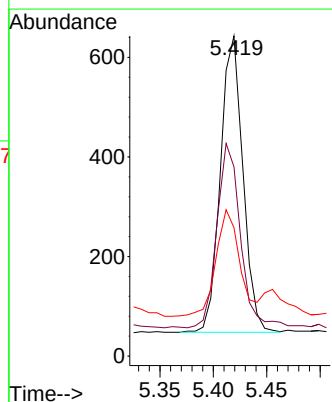


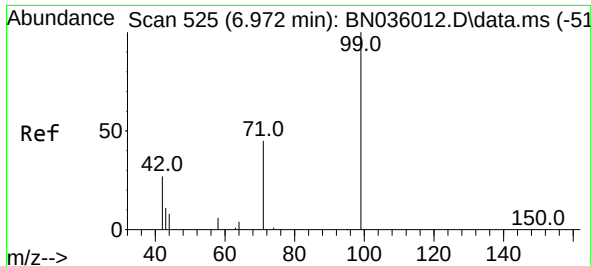
Tgt Ion:152 Resp: 2206
Ion Ratio Lower Upper
152 100
150 152.8 117.4 176.2
115 65.4 51.0 76.4



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

Tgt Ion:112 Resp: 871
Ion Ratio Lower Upper
112 100
64 65.6 50.0 75.0
63 38.2 30.7 46.1

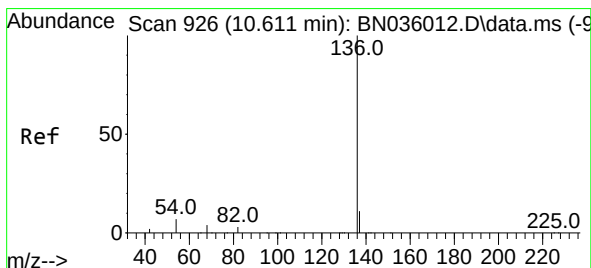
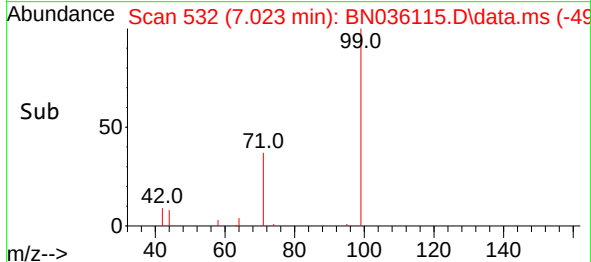
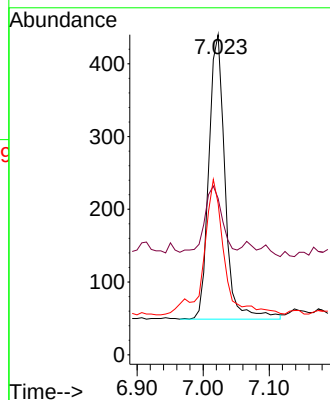
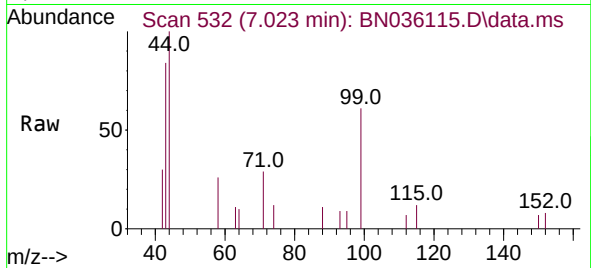




#5
Phenol-d6
Concen: 0.099 ng
RT: 7.023 min Scan# 51
Delta R.T. 0.050 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

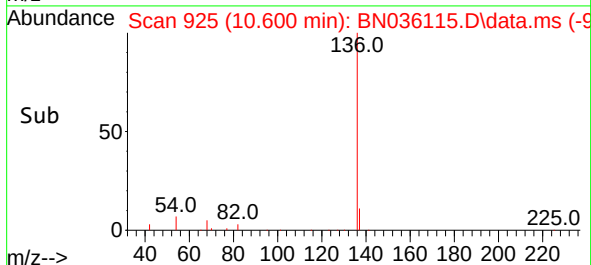
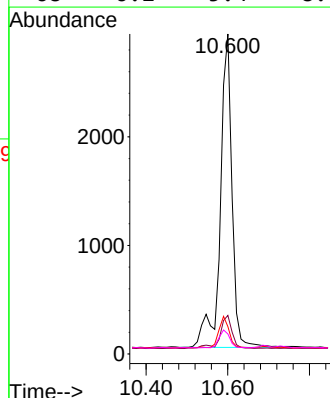
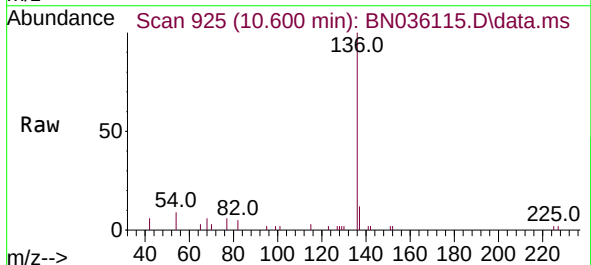
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250124

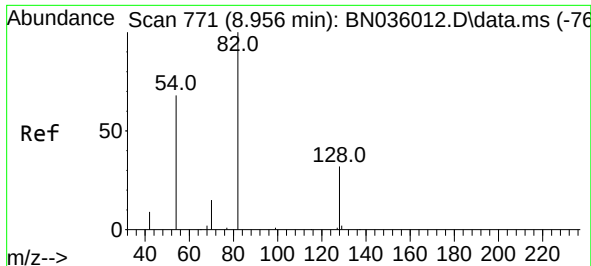
Tgt Ion: 99 Resp: 665
Ion Ratio Lower Upper
99 100
42 24.1 26.8 40.2#
71 59.4 36.6 55.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

Tgt Ion: 136 Resp: 5767
Ion Ratio Lower Upper
136 100
137 12.1 10.4 15.6
54 8.6 7.7 11.5
68 6.2 5.4 8.0

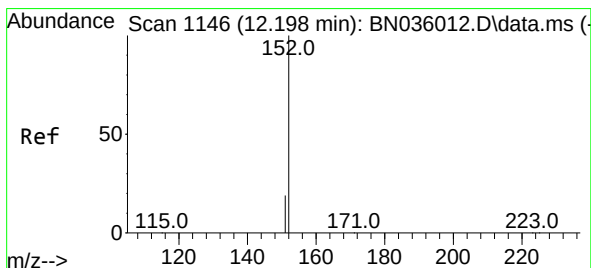
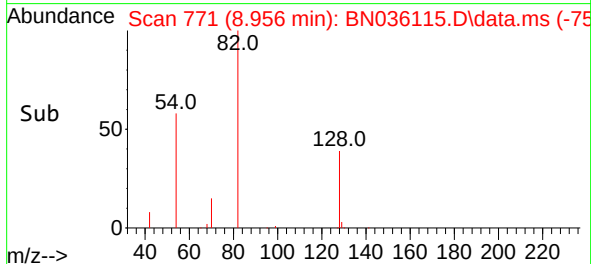
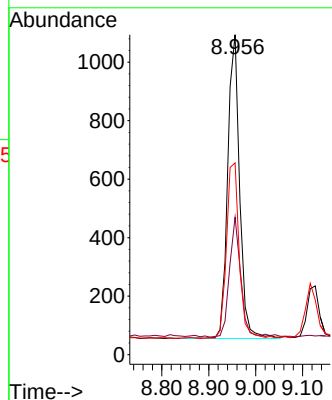
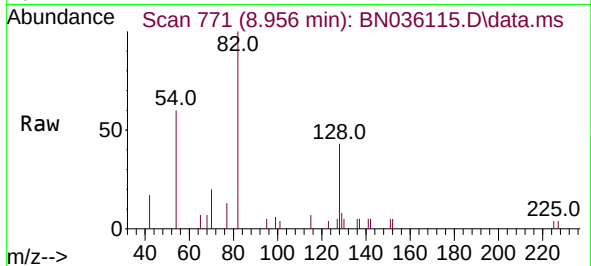




#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.956 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

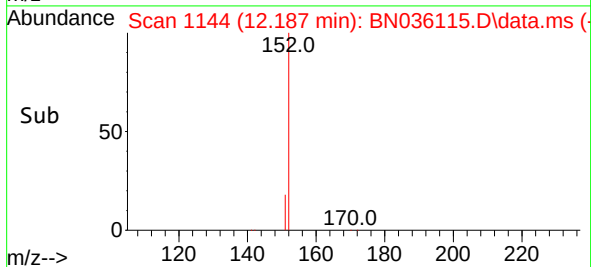
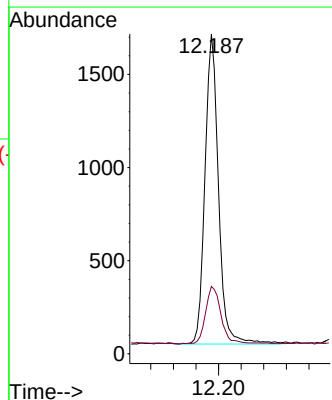
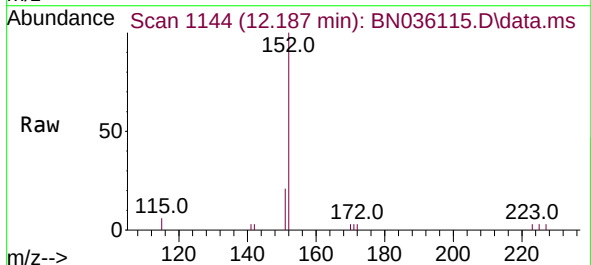
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250124

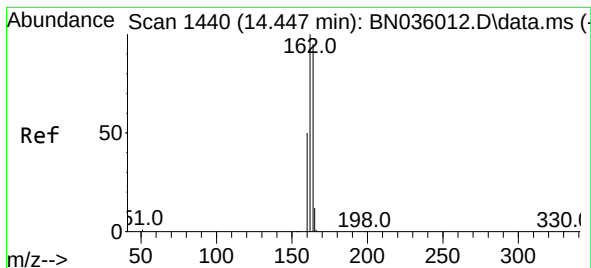
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	28.8	43.2
54	60.0	55.8	83.8



#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.187 min Scan# 1144
Delta R.T. -0.010 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.441 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BN036115.D

Acq: 29 Jan 2025 19:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-EB-20250124

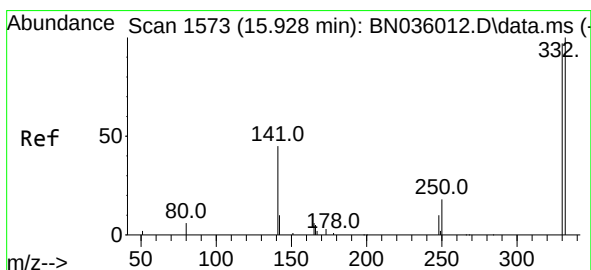
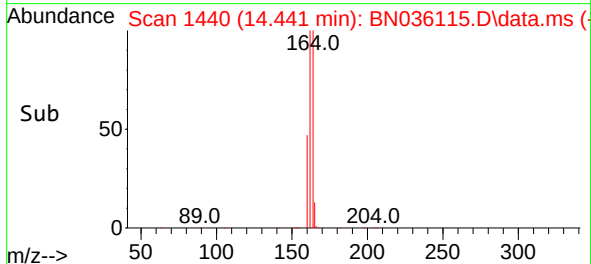
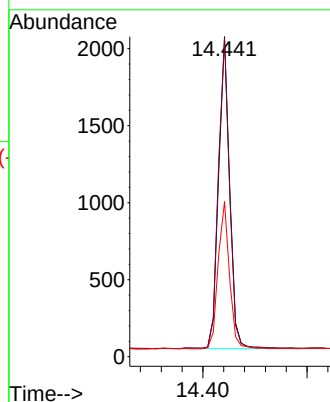
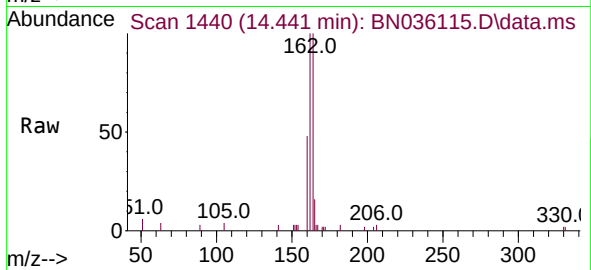
Tgt Ion:164 Resp: 2988

Ion Ratio Lower Upper

164 100

162 99.6 84.1 126.1

160 48.5 43.8 65.8



#14

2,4,6-Tribromophenol

Concen: 0.317 ng

RT: 15.932 min Scan# 1574

Delta R.T. 0.005 min

Lab File: BN036115.D

Acq: 29 Jan 2025 19:55

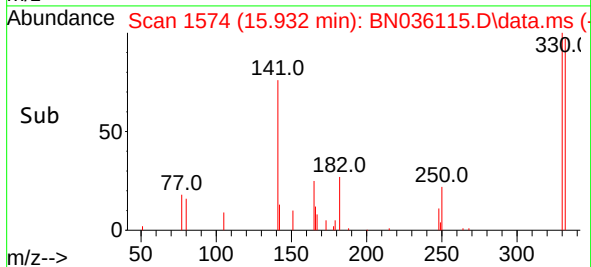
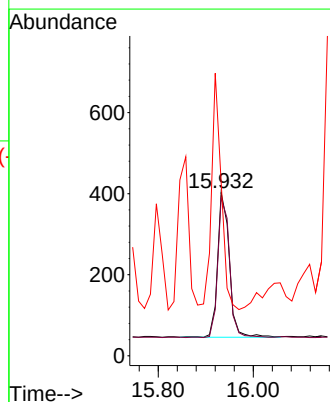
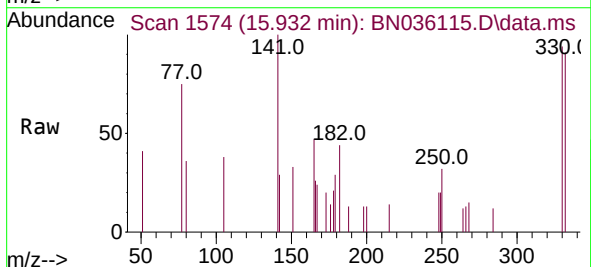
Tgt Ion:330 Resp: 608

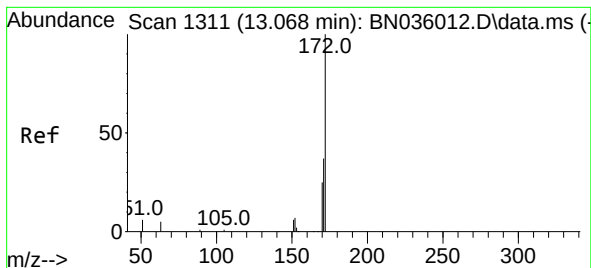
Ion Ratio Lower Upper

330 100

332 97.4 81.0 121.4

141 136.7 36.7 55.1#





#15

2-Fluorobiphenyl

Concen: 0.306 ng

RT: 13.062 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN036115.D

Acq: 29 Jan 2025 19:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-EB-20250124

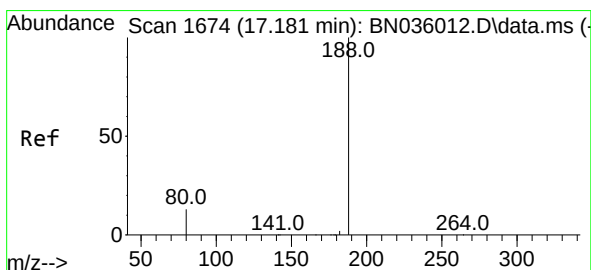
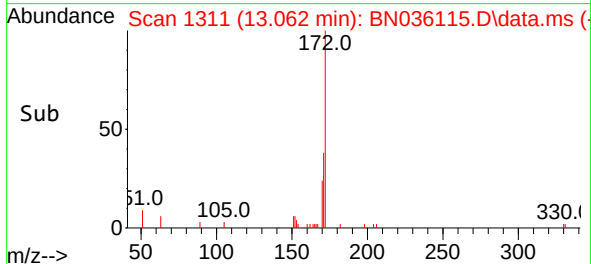
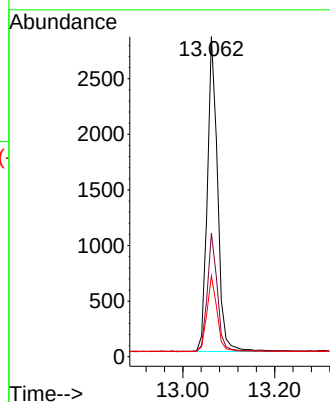
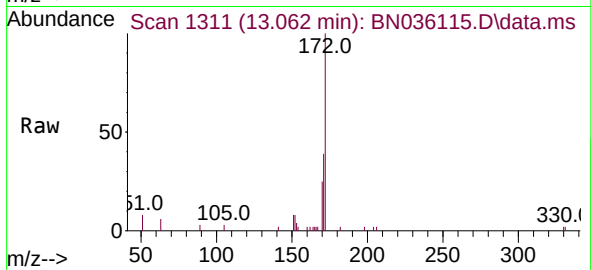
Tgt Ion:172 Resp: 4082

Ion Ratio Lower Upper

172 100

171 38.7 30.9 46.3

170 25.3 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1675

Delta R.T. 0.005 min

Lab File: BN036115.D

Acq: 29 Jan 2025 19:55

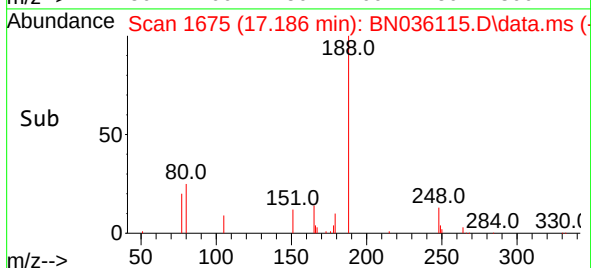
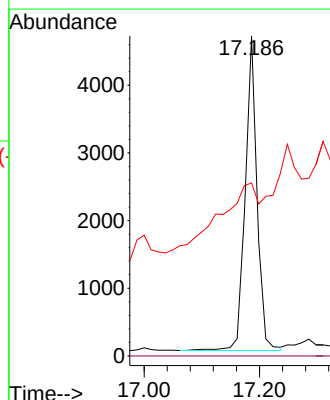
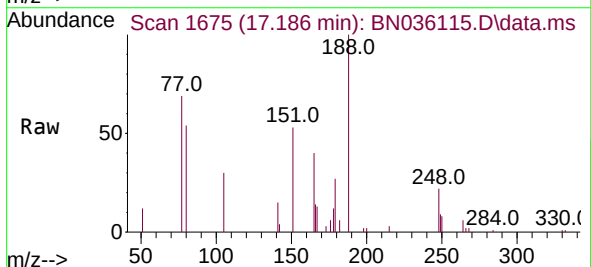
Tgt Ion:188 Resp: 6578

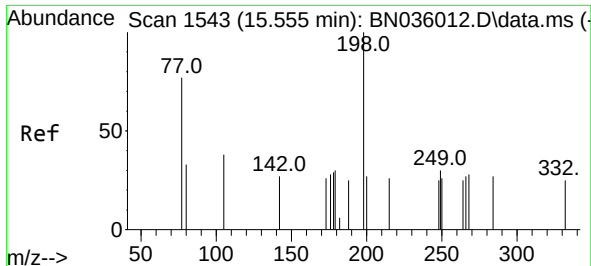
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 54.1 12.3 18.5#

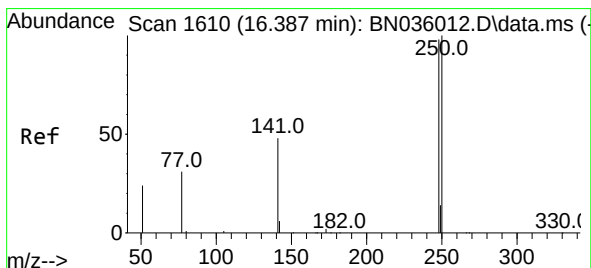
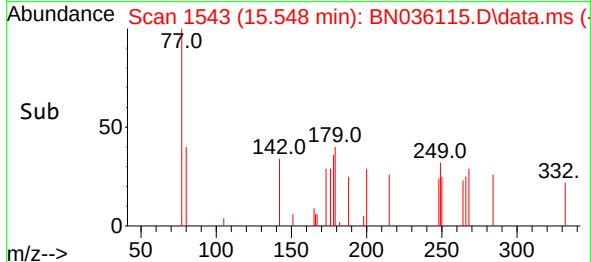
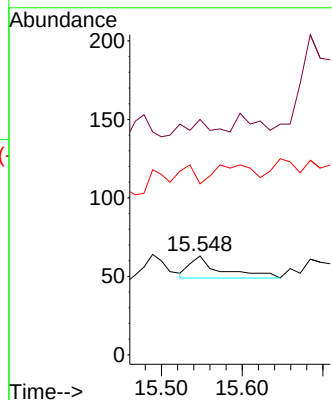
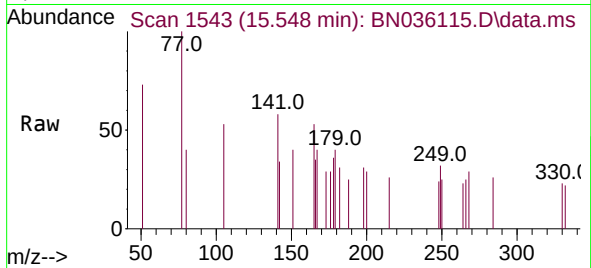




#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.548 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

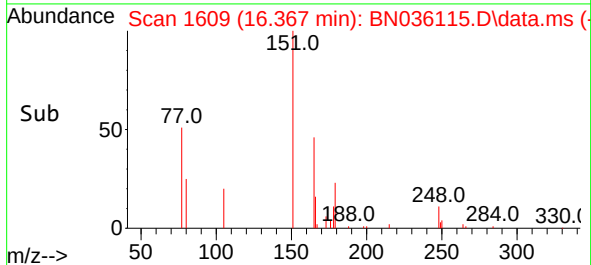
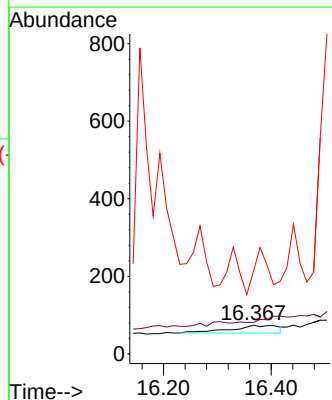
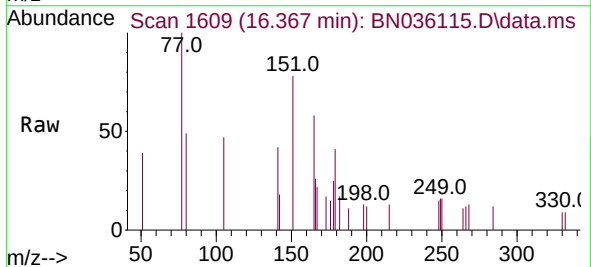
Instrument :
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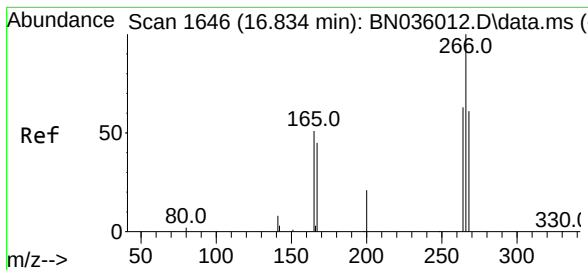
Tgt Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
51 238.1 68.1 102.1#
105 173.0 46.5 69.7#



#21
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.367 min Scan# 1609
Delta R.T. -0.020 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

Tgt Ion:248 Resp: 118
Ion Ratio Lower Upper
248 100
250 109.5 81.5 122.3
141 287.8 41.8 62.6#

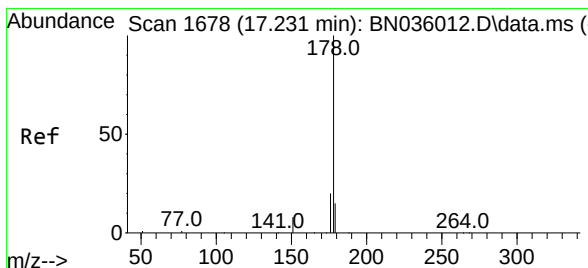
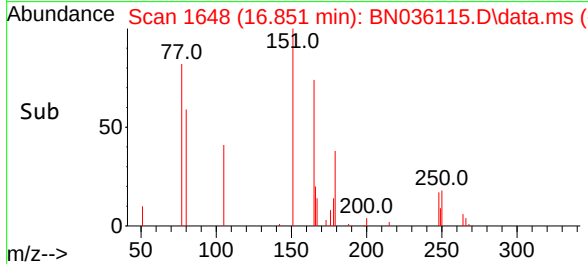
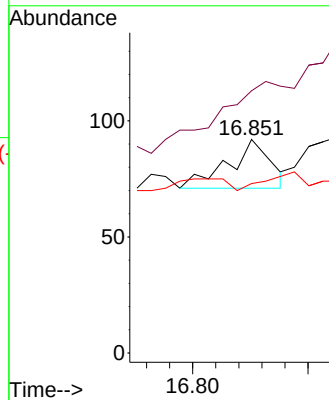
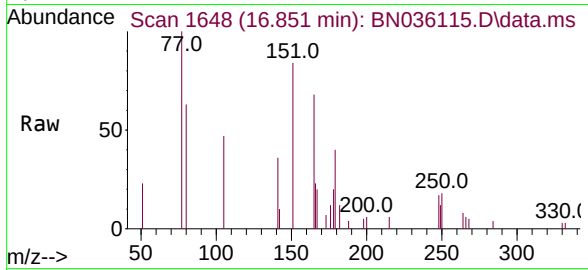




#24
 Pentachlorophenol
 Concen: 0.020 ng
 RT: 16.851 min Scan# 1648
 Delta R.T. 0.017 min
 Lab File: BN036115.D
 Acq: 29 Jan 2025 19:55

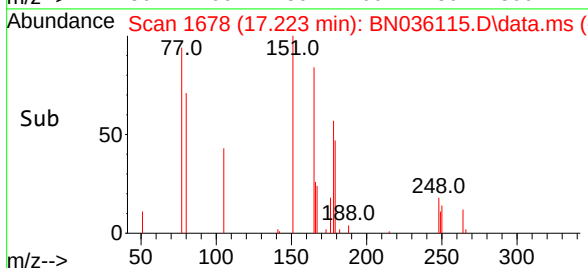
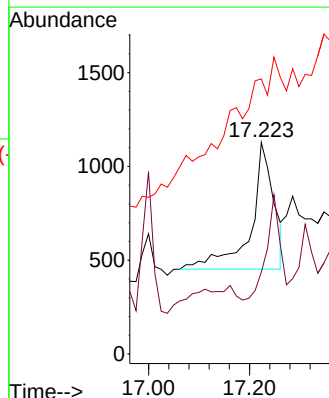
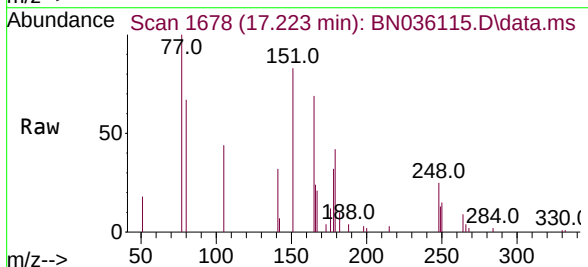
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250124

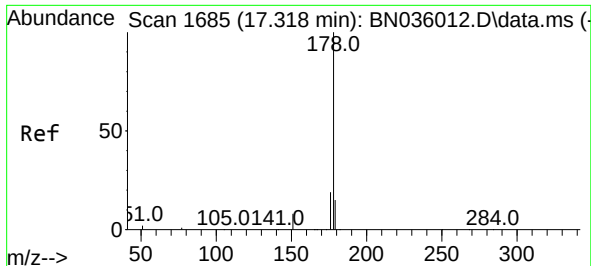
Tgt Ion:	266	Resp:	54
Ion Ratio	Lower	Upper	
266	100		
264	0.0	48.2	72.2#
268	0.0	51.6	77.4#



#25
 Phenanthrene
 Concen: 0.108 ng
 RT: 17.223 min Scan# 1678
 Delta R.T. -0.008 min
 Lab File: BN036115.D
 Acq: 29 Jan 2025 19:55

Tgt Ion:	178	Resp:	2143
Ion Ratio	Lower	Upper	
178	100		
176	0.0	16.0	24.0#
179	0.0	12.4	18.6#

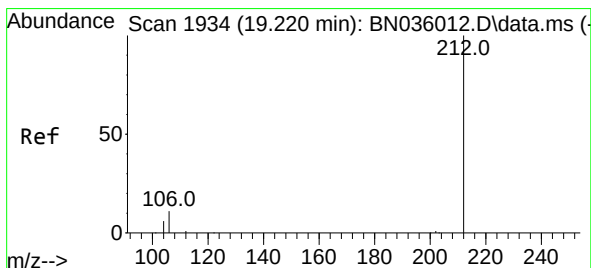
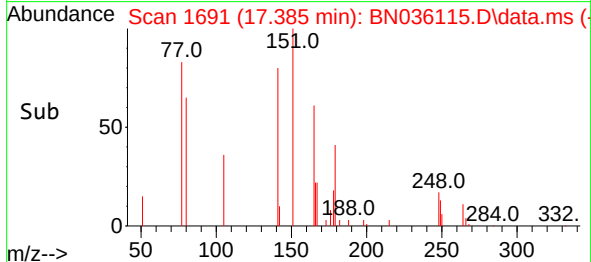
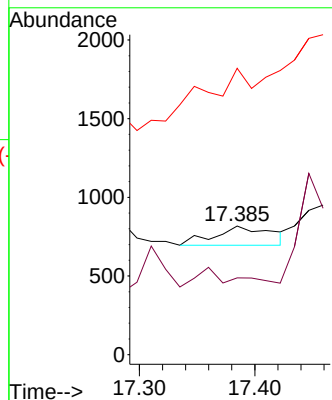
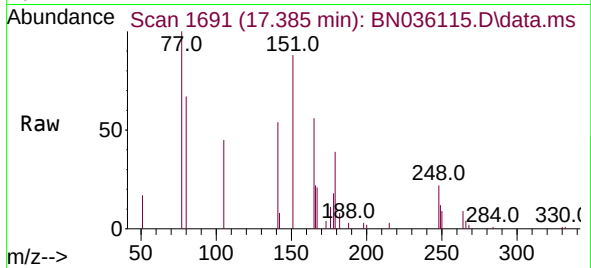




#26
 Anthracene
 Concen: 0.023 ng
 RT: 17.385 min Scan# 1691
 Delta R.T. 0.067 min
 Lab File: BN036115.D
 Acq: 29 Jan 2025 19:55

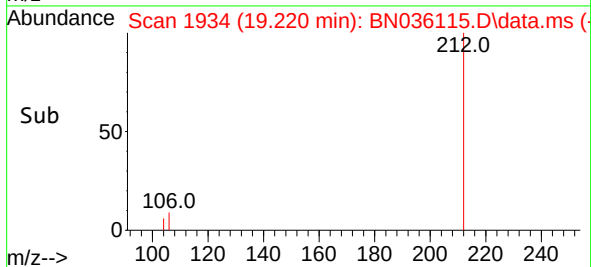
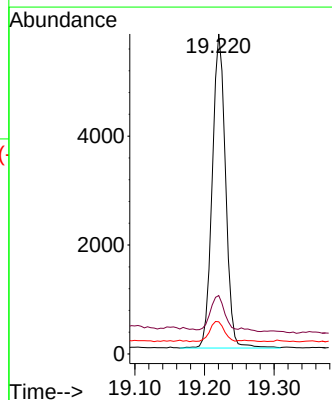
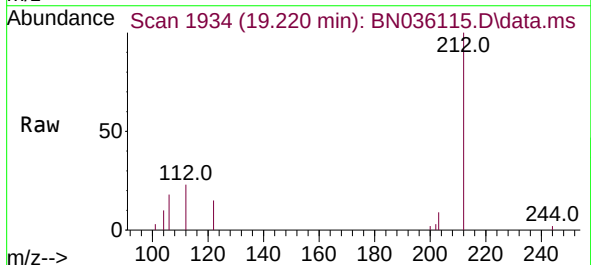
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250124

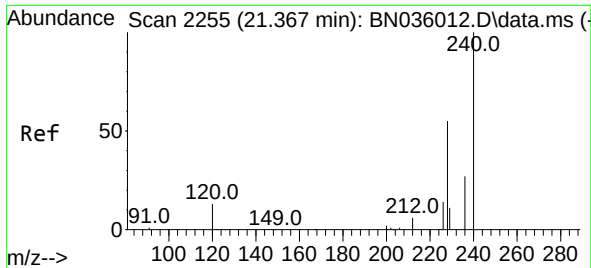
Tgt Ion:178 Resp: 412
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.0 18.0#



#27
 Fluoranthene-d10
 Concen: 0.450 ng
 RT: 19.220 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: BN036115.D
 Acq: 29 Jan 2025 19:55

Tgt Ion:212 Resp: 7666
 Ion Ratio Lower Upper
 212 100
 106 11.1 9.7 14.5
 104 6.8 6.0 9.0

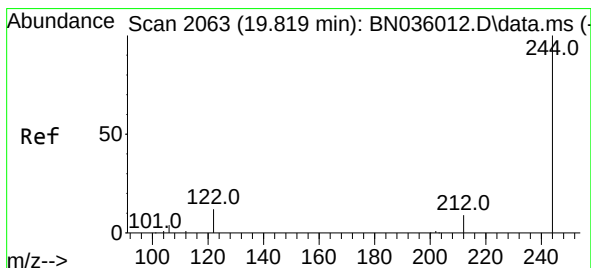
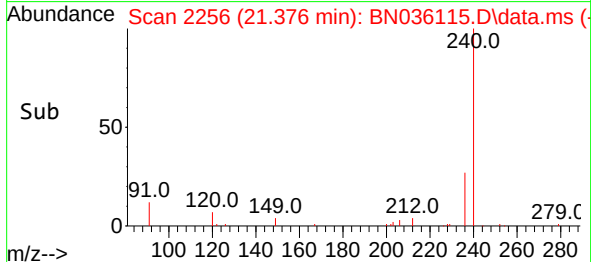
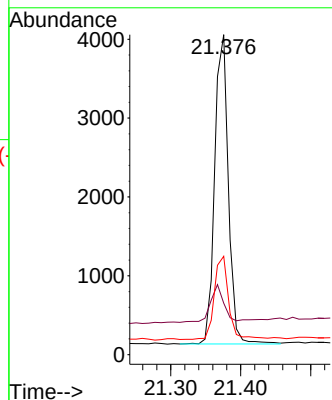
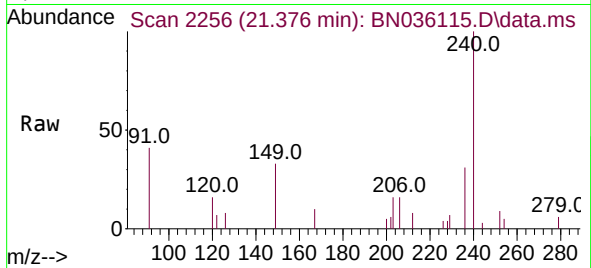




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

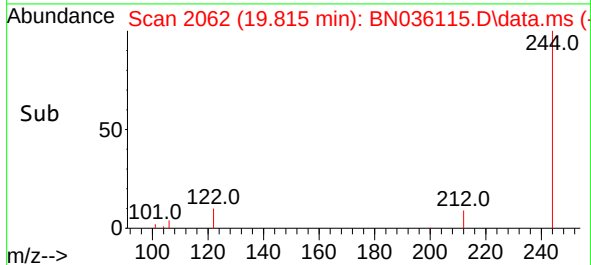
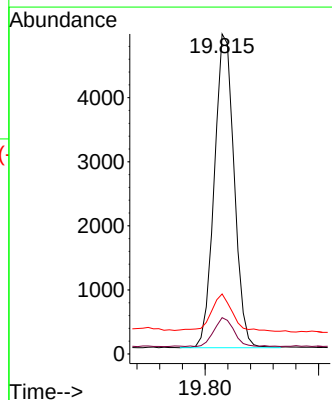
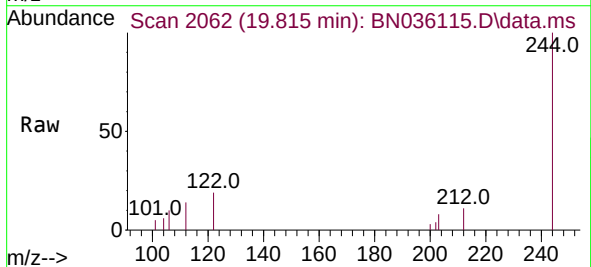
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250124

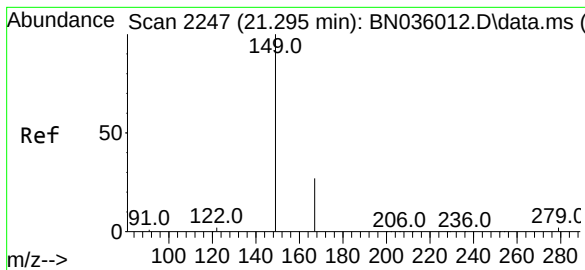
Tgt Ion:240 Resp: 5317
Ion Ratio Lower Upper
240 100
120 16.1 13.9 20.9
236 30.8 23.7 35.5



#31
Terphenyl-d14
Concen: 0.538 ng
RT: 19.815 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BN036115.D
Acq: 29 Jan 2025 19:55

Tgt Ion:244 Resp: 5937
Ion Ratio Lower Upper
244 100
212 11.4 9.1 13.7
122 18.7 11.3 16.9#

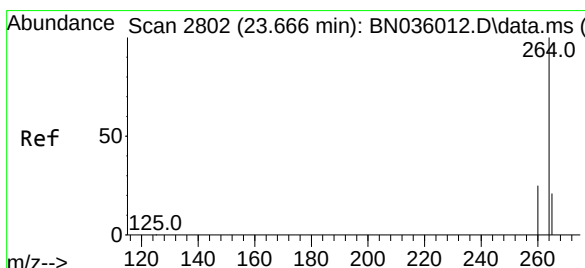
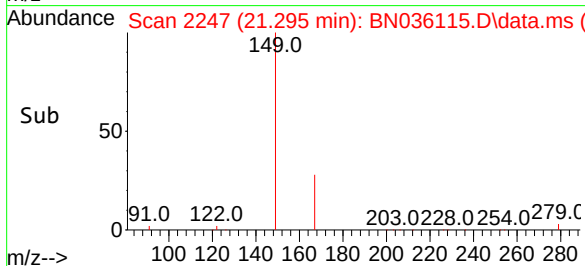
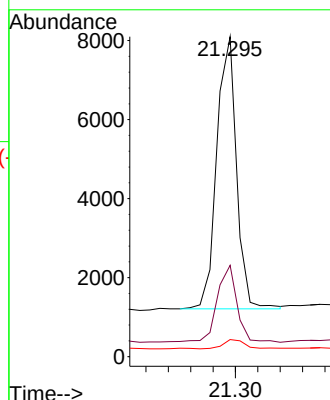
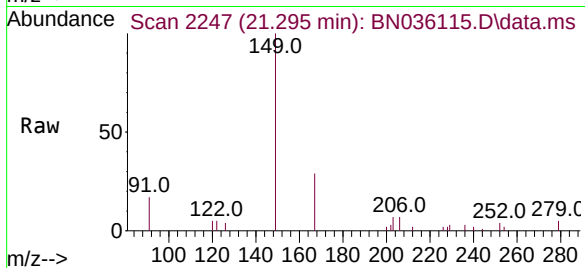




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.800 ng
 RT: 21.295 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036115.D
 Acq: 29 Jan 2025 19:55

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250124

Tgt Ion:	149	Resp:	8450
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.9	32.9
279	4.0	3.0	4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.675 min Scan# 2805
 Delta R.T. 0.009 min
 Lab File: BN036115.D
 Acq: 29 Jan 2025 19:55

Tgt Ion:	264	Resp:	5108
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.8	32.6
265	119.6	56.6	84.8#

