

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036445.D
 Acq On : 12 Feb 2025 18:12
 Operator : RC/JU
 Sample : Q1347-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-710-712

Quant Time: Feb 12 23:16:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

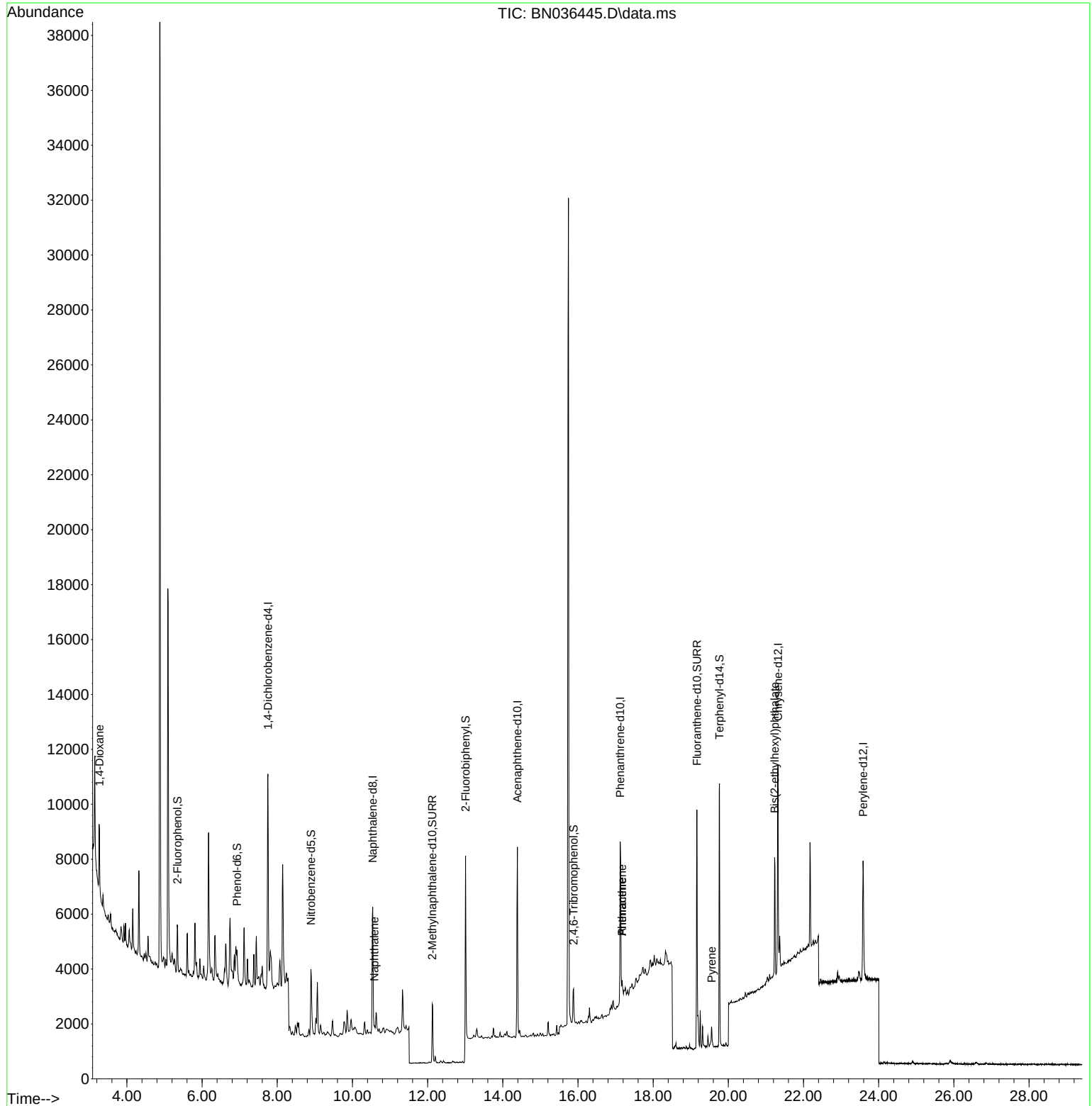
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2535	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	6461	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	3888	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	8786	0.400	ng	#-0.01
29) Chrysene-d12	21.322	240	7596	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	6347	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1191	0.199	ng	0.00
5) Phenol-d6	6.930	99	1014	0.144	ng	0.00
8) Nitrobenzene-d5	8.896	82	2025	0.318	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3126	0.315	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	746	0.387	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	6380	0.436	ng	-0.01
27) Fluoranthene-d10	19.164	212	9581	0.392	ng	0.00
31) Terphenyl-d14	19.763	244	9257	0.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.268	88	1331	0.480	ng	# 87
9) Naphthalene	10.583	128	816	0.044	ng	# 50
25) Phenanthrene	17.173	178	871	0.034	ng	# 85
26) Anthracene	17.173	178	871	0.039	ng	93
30) Pyrene	19.554	202	627	0.021	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.232	149	4302	0.276	ng	99

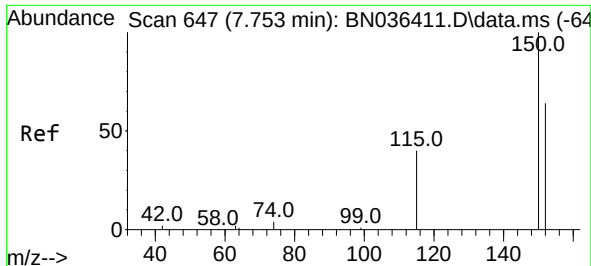
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036445.D
Acq On : 12 Feb 2025 18:12
Operator : RC/JU
Sample : Q1347-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

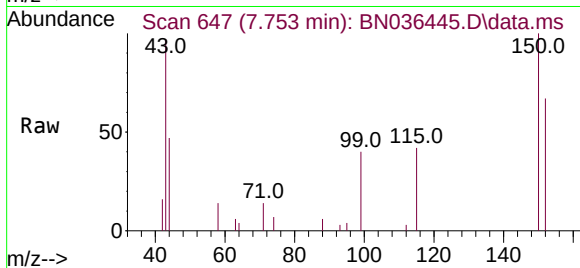
Quant Time: Feb 12 23:16:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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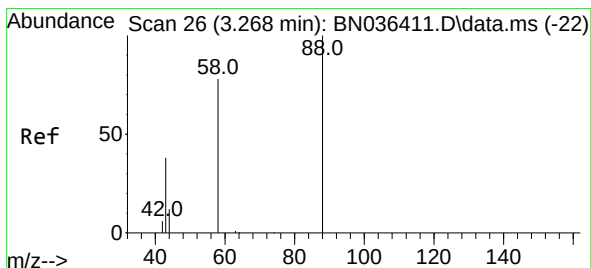
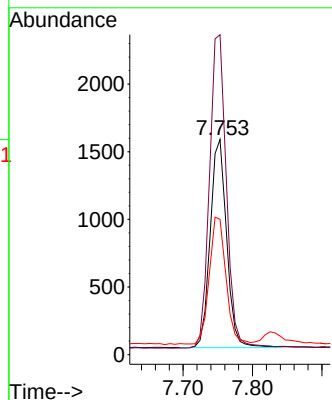
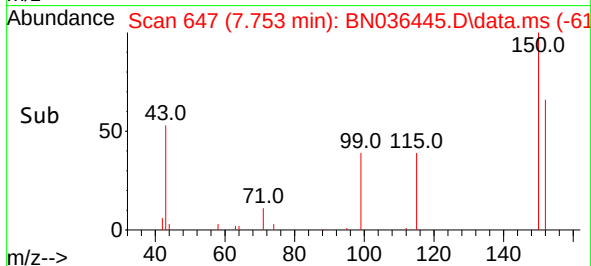


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036445.D
 Acq: 12 Feb 2025 18:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-710-712

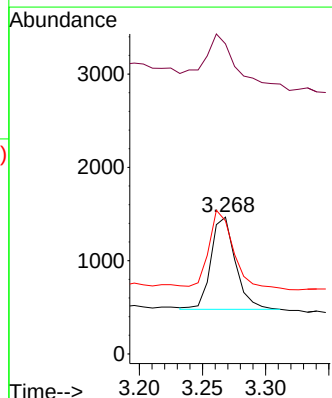
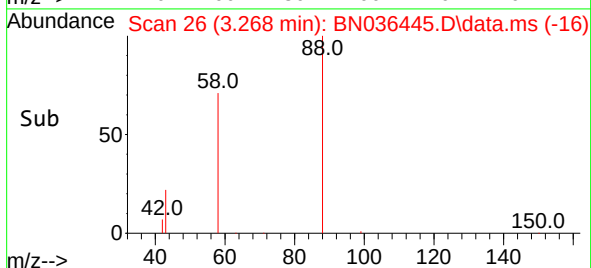
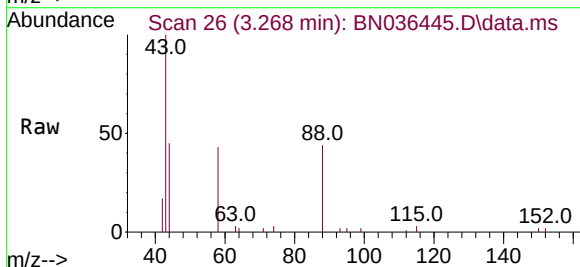


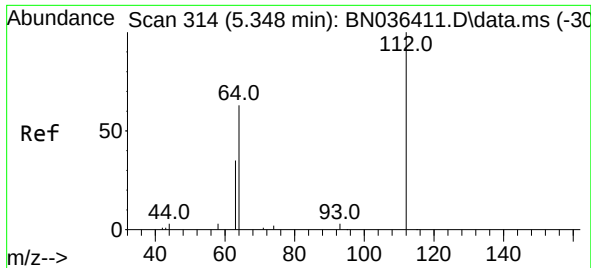
Tgt Ion:152 Resp: 2535
 Ion Ratio Lower Upper
 152 100
 150 148.6 123.7 185.5
 115 62.9 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.480 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036445.D
 Acq: 12 Feb 2025 18:12

Tgt Ion: 88 Resp: 1331
 Ion Ratio Lower Upper
 88 100
 43 62.9 33.7 50.5#
 58 82.5 68.9 103.3





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.348 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN036445.D

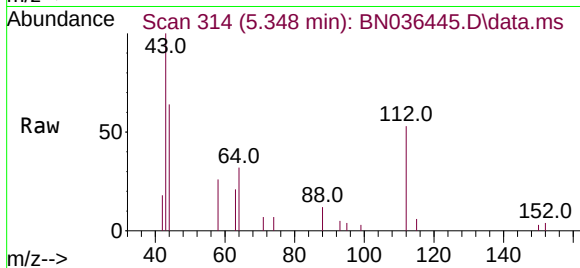
Acq: 12 Feb 2025 18:12

Instrument :

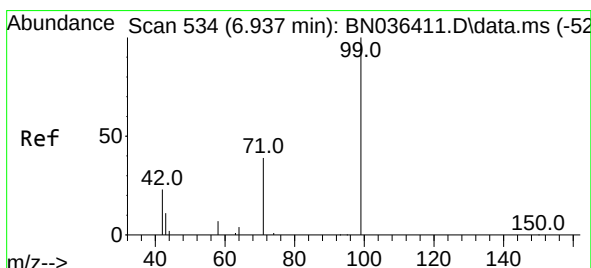
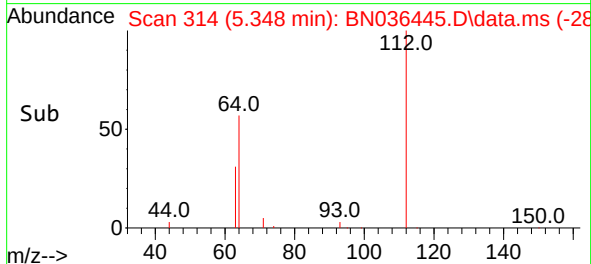
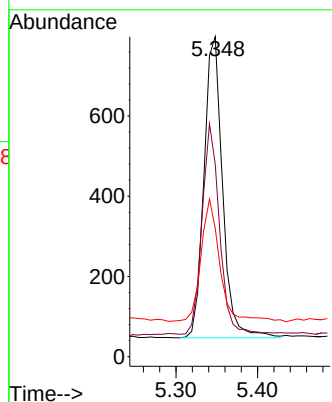
BNA_N

ClientSampleId :

BP-VPB-192-GW-710-712



Tgt Ion:	112	Resp:	1191
Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.4	80.0
63	41.5	30.3	45.5



#5

Phenol-d6

Concen: 0.144 ng

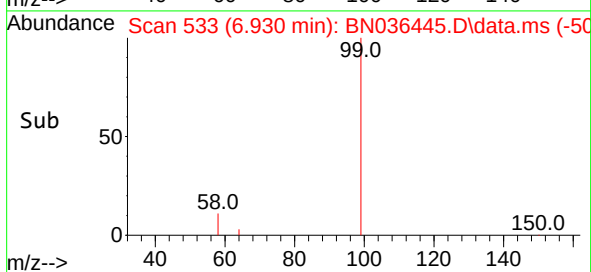
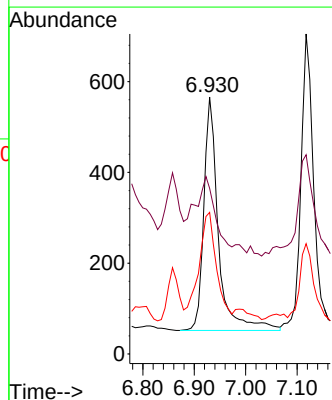
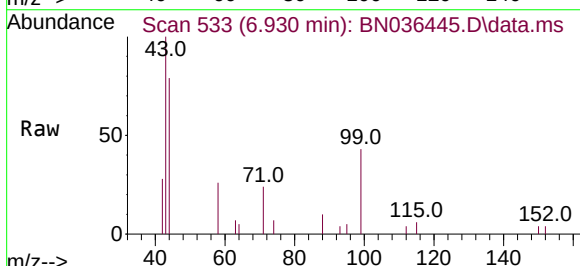
RT: 6.930 min Scan# 533

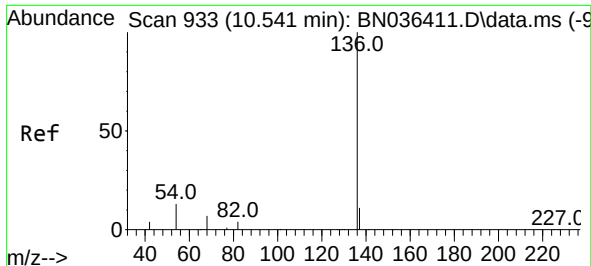
Delta R.T. -0.007 min

Lab File: BN036445.D

Acq: 12 Feb 2025 18:12

Tgt Ion:	99	Resp:	1014
Ion	Ratio	Lower	Upper
99	100		
42	40.0	21.7	32.5#
71	55.1	32.6	49.0#

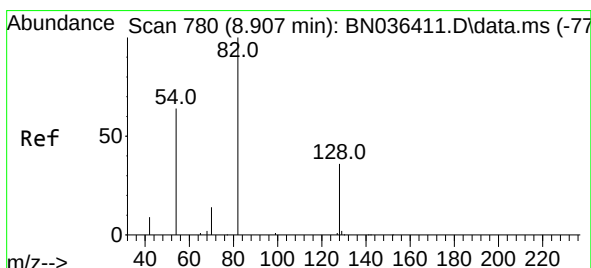
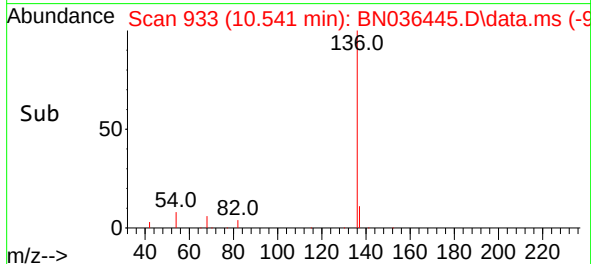
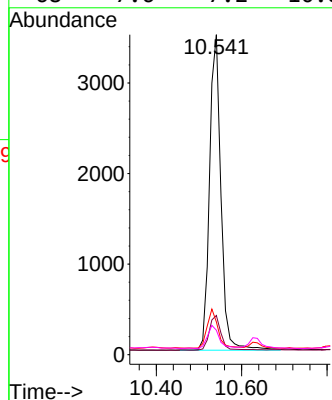
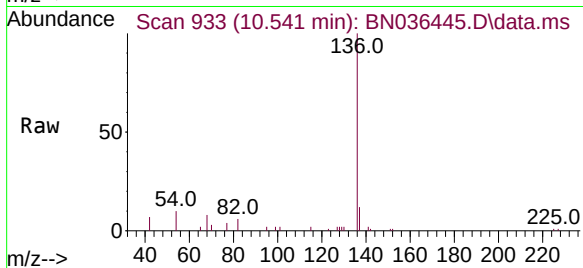




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

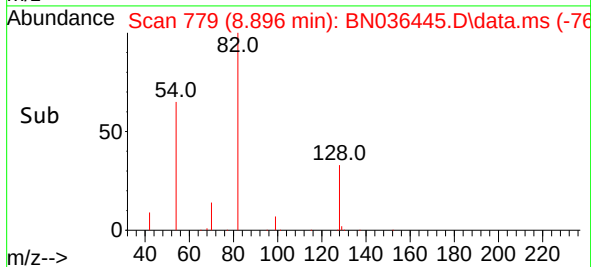
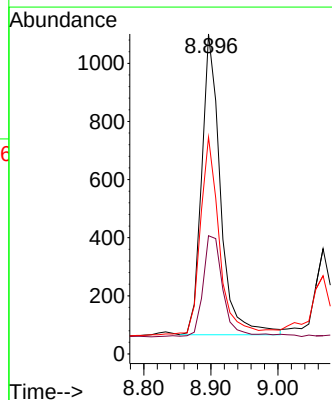
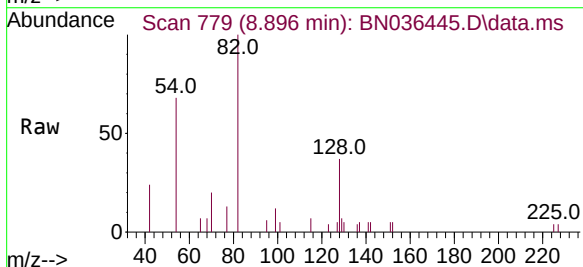
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

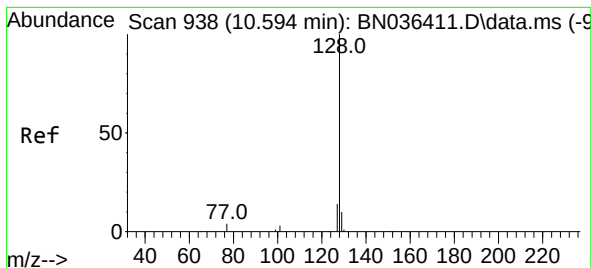
Tgt Ion:	136	Resp:	6461
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.1	15.1
54	10.2	11.8	17.6#
68	7.6	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:	82	Resp:	2025
Ion	Ratio	Lower	Upper
82	100		
128	37.0	31.9	47.9
54	67.8	53.1	79.7





#9

Naphthalene

Concen: 0.044 ng

RT: 10.583 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036445.D

Acq: 12 Feb 2025 18:12

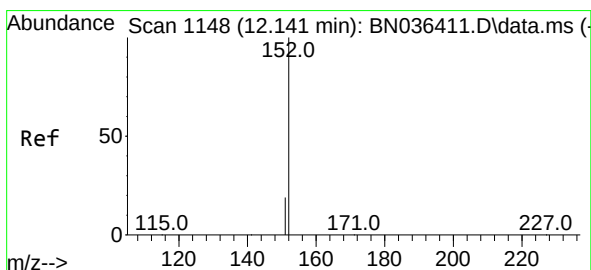
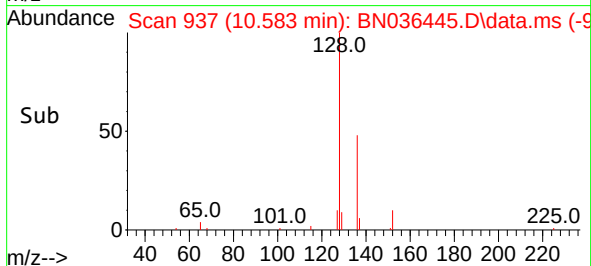
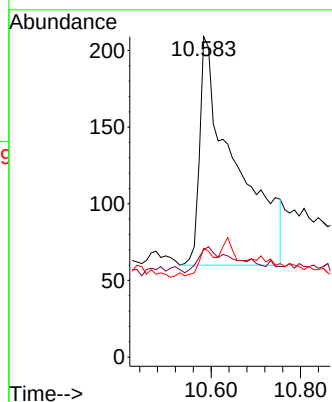
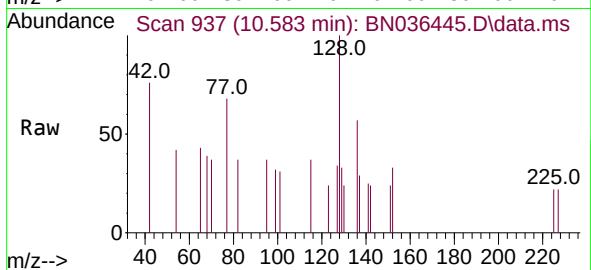
Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-710-712

Tgt Ion:	128	Resp:	816
Ion	Ratio	Lower	Upper
128	100		
129	33.5	9.6	14.4#
127	34.0	12.0	18.0#



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

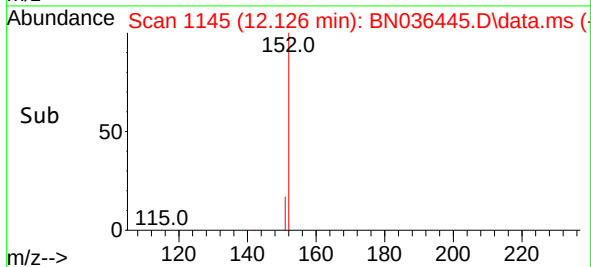
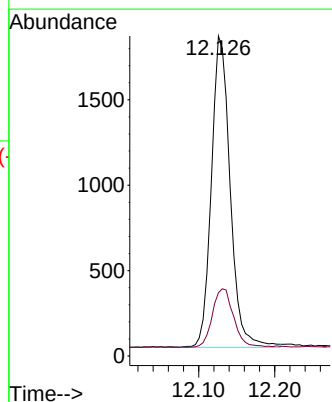
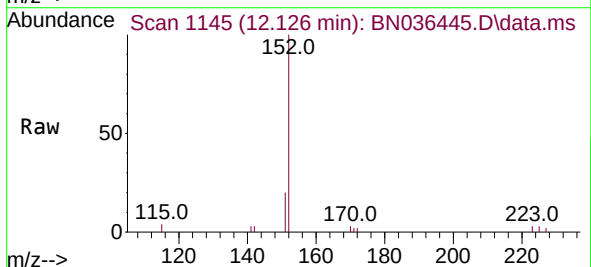
RT: 12.126 min Scan# 1145

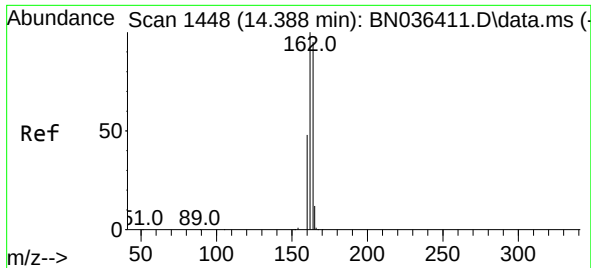
Delta R.T. -0.015 min

Lab File: BN036445.D

Acq: 12 Feb 2025 18:12

Tgt Ion:	152	Resp:	3126
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0

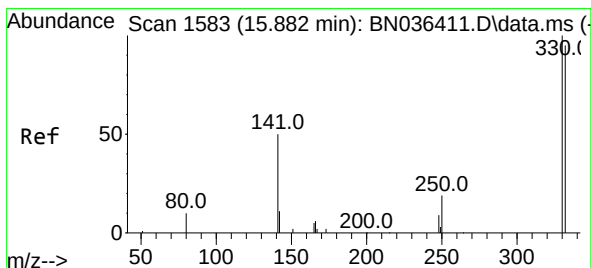
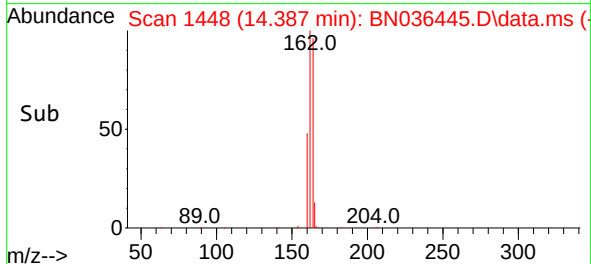
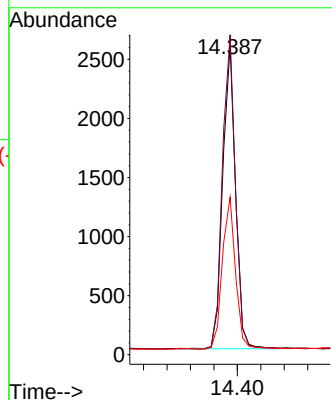
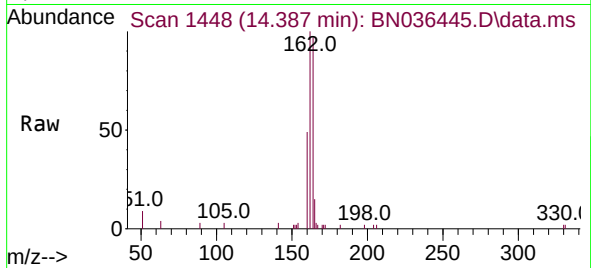




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

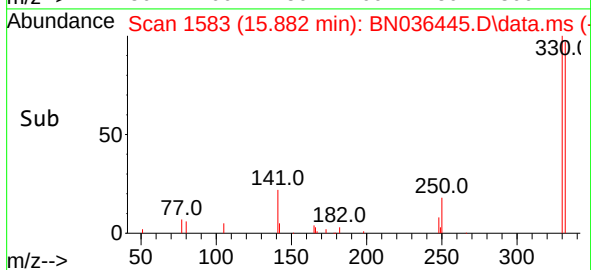
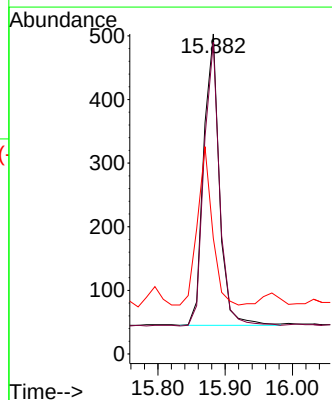
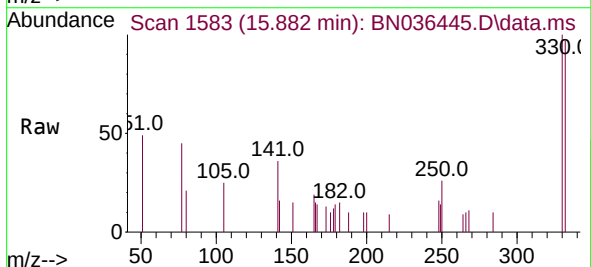
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

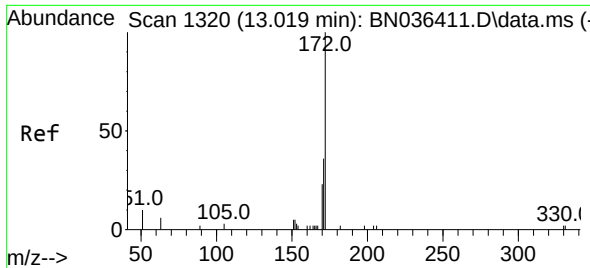
Tgt Ion:164 Resp: 3888
Ion Ratio Lower Upper
164 100
162 103.4 84.1 126.1
160 50.9 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:330 Resp: 746
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 51.7 37.8 56.8

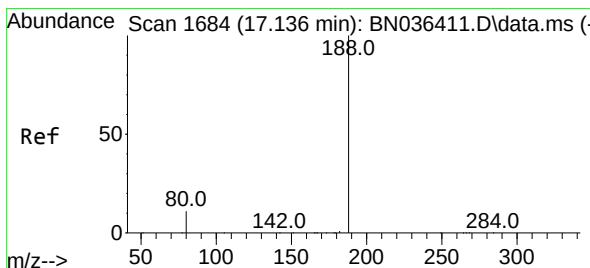
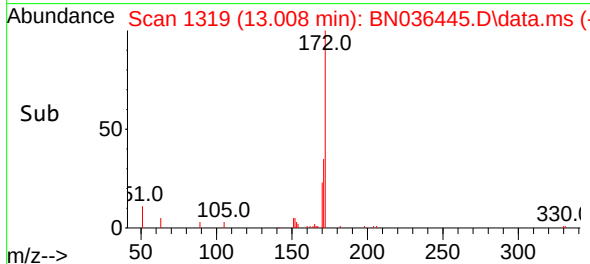
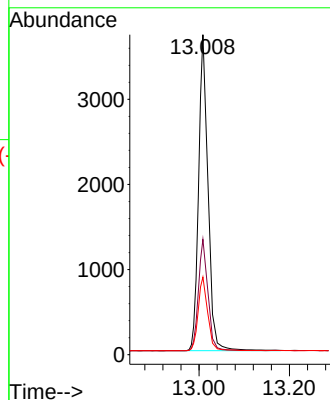
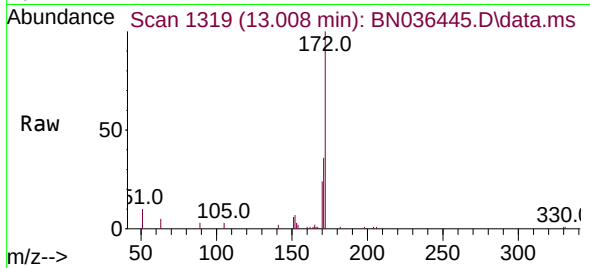




#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.008 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

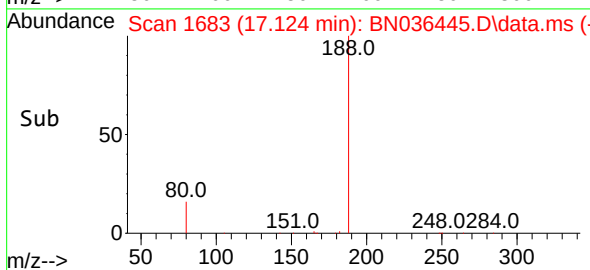
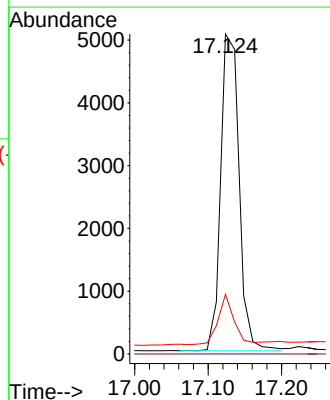
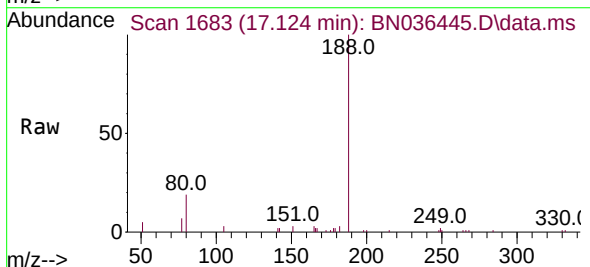
Instrument :
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ClientSampleId :
BP-VPB-192-GW-710-712

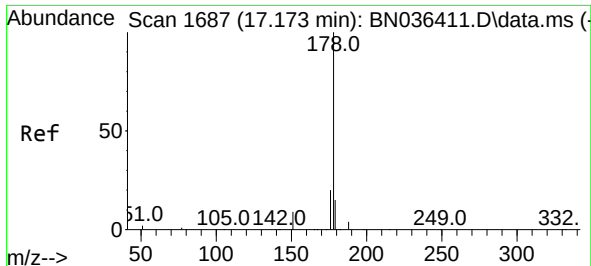
Tgt Ion:172 Resp: 6380
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.3 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:188 Resp: 8786
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.7 9.8 14.6#

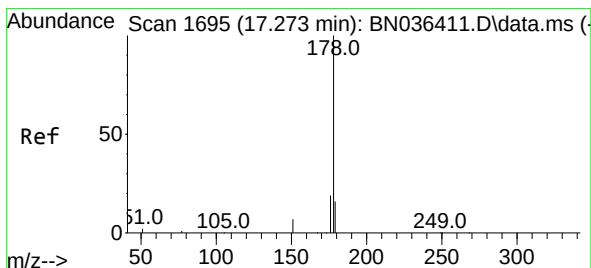
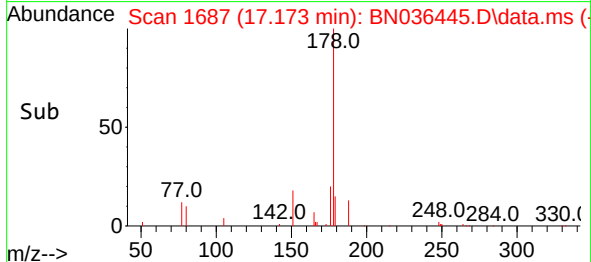
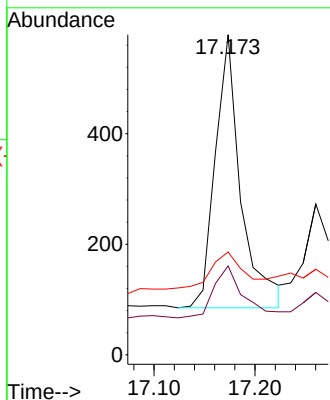
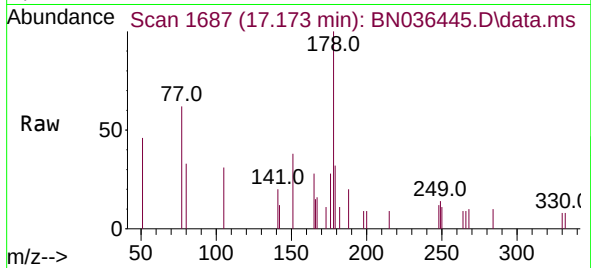




#25
Phenanthrene
Concen: 0.034 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

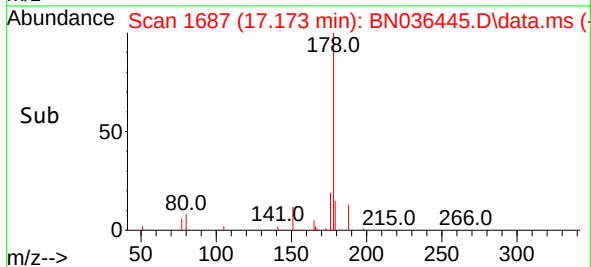
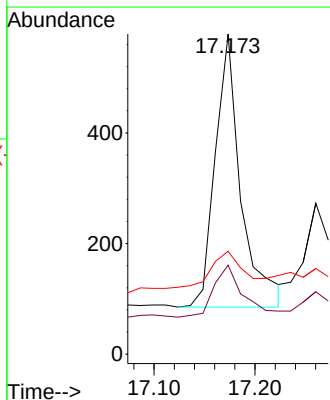
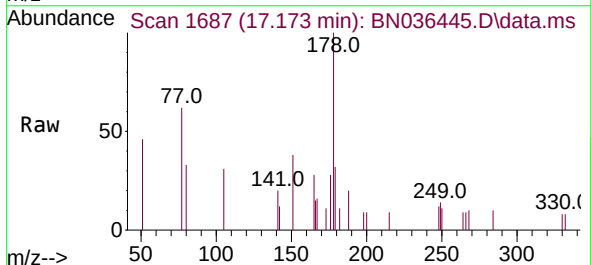
Instrument :
BNA_N
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BP-VPB-192-GW-710-712

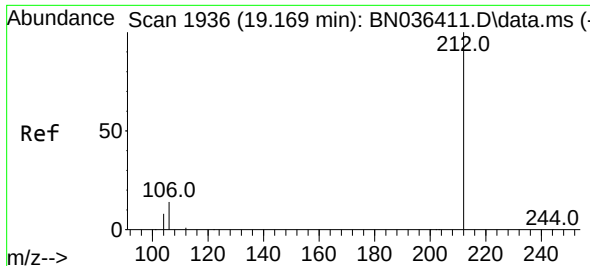
Tgt Ion:178 Resp: 871
Ion Ratio Lower Upper
178 100
176 22.2 15.7 23.5
179 26.6 12.4 18.6#



#26
Anthracene
Concen: 0.039 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.099 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:178 Resp: 871
Ion Ratio Lower Upper
178 100
176 22.2 14.9 22.3
179 17.8 12.4 18.6

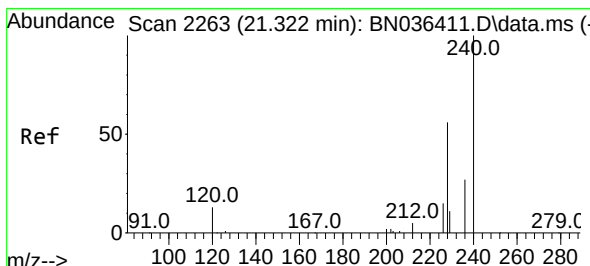
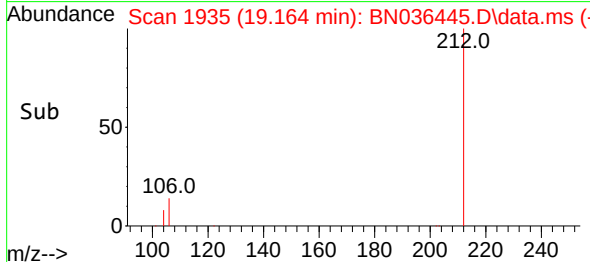
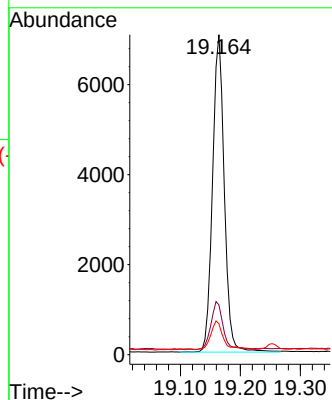
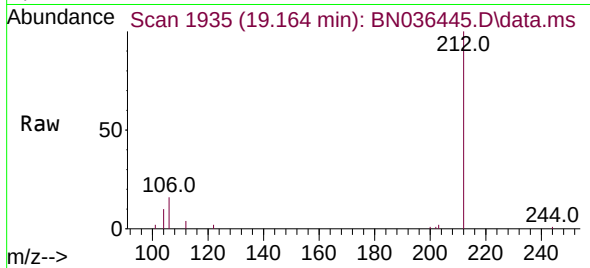




#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.164 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

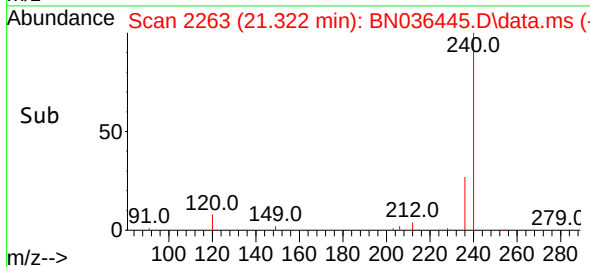
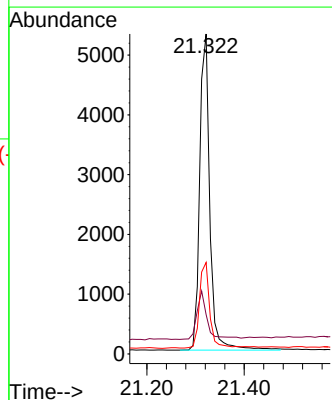
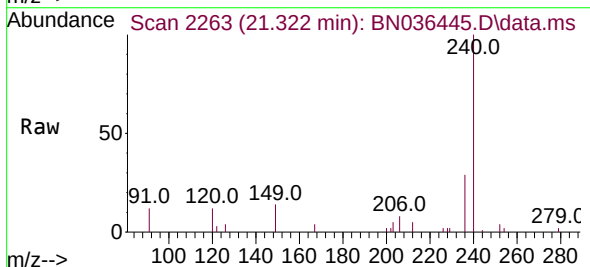
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

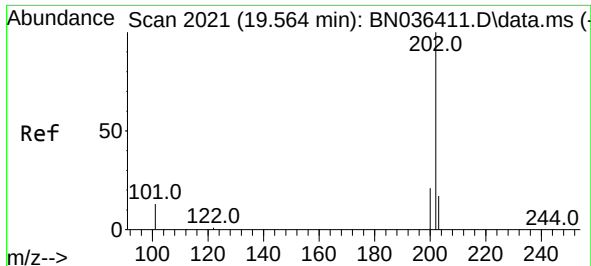
Tgt Ion:212 Resp: 9581
Ion Ratio Lower Upper
212 100
106 15.4 11.5 17.3
104 9.5 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:240 Resp: 7596
Ion Ratio Lower Upper
240 100
120 12.3 13.3 19.9#
236 28.6 23.0 34.6

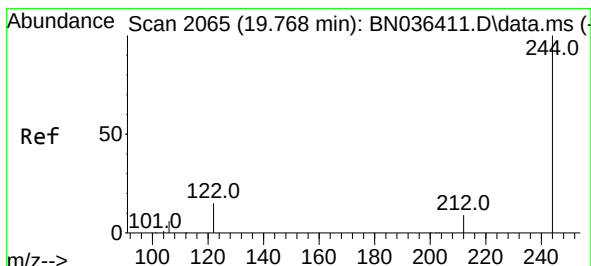
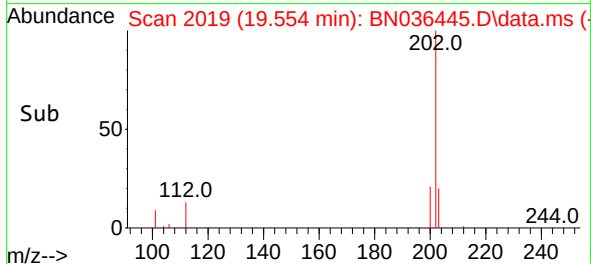
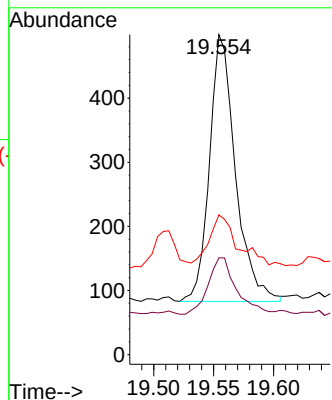
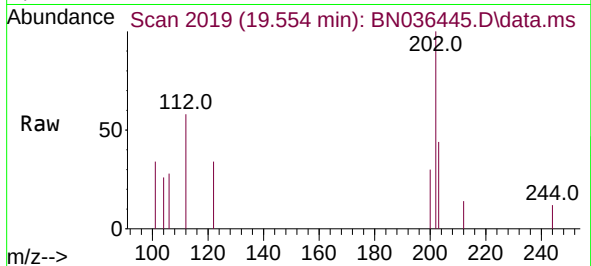




#30
Pyrene
Concen: 0.021 ng
RT: 19.554 min Scan# 2021
Delta R.T. -0.009 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

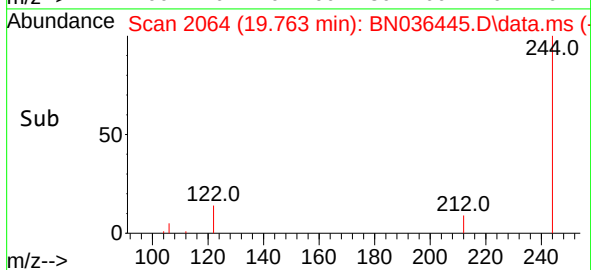
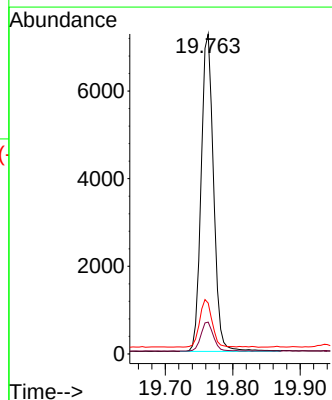
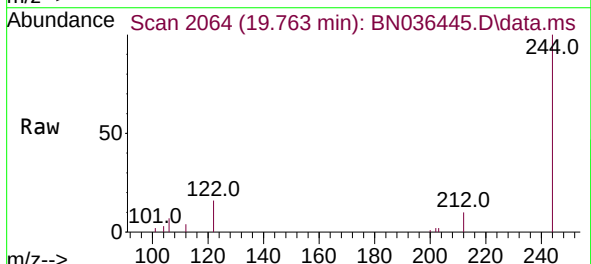
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-710-712

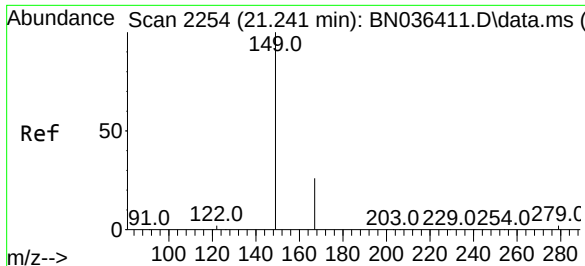
Tgt Ion:202 Resp: 627
Ion Ratio Lower Upper
202 100
200 23.0 16.9 25.3
203 22.6 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.571 ng
RT: 19.763 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN036445.D
Acq: 12 Feb 2025 18:12

Tgt Ion:244 Resp: 9257
Ion Ratio Lower Upper
244 100
212 10.0 8.1 12.1
122 15.9 12.8 19.2

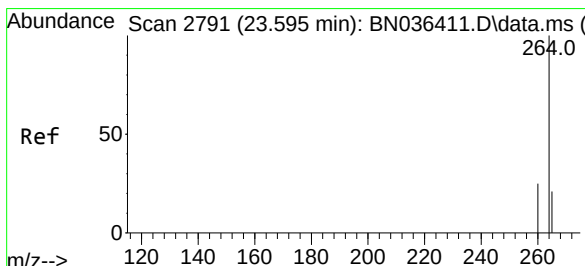
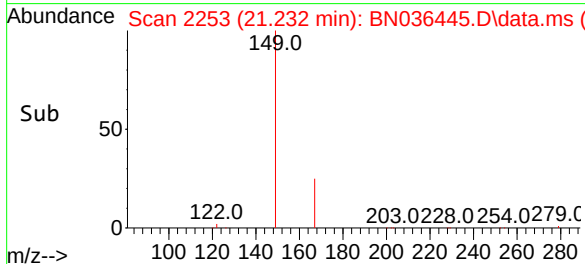
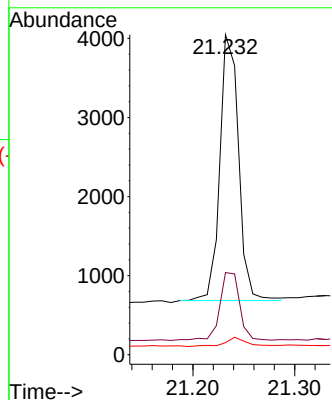
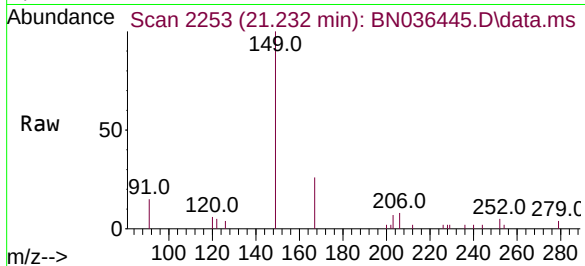




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.276 ng
 RT: 21.232 min Scan# 2123
 Delta R.T. -0.009 min
 Lab File: BN036445.D
 Acq: 12 Feb 2025 18:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-710-712

Tgt Ion:149 Resp: 4302
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.2 31.8
 279 3.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2788
 Delta R.T. -0.009 min
 Lab File: BN036445.D
 Acq: 12 Feb 2025 18:12

Tgt Ion:264 Resp: 6347
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 88.8 60.7 91.1

