

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037200.D
 Acq On : 09 Jun 2025 20:04
 Operator : RC/JU
 Sample : Q2254-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-810-812

Quant Time: Jun 10 04:03:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

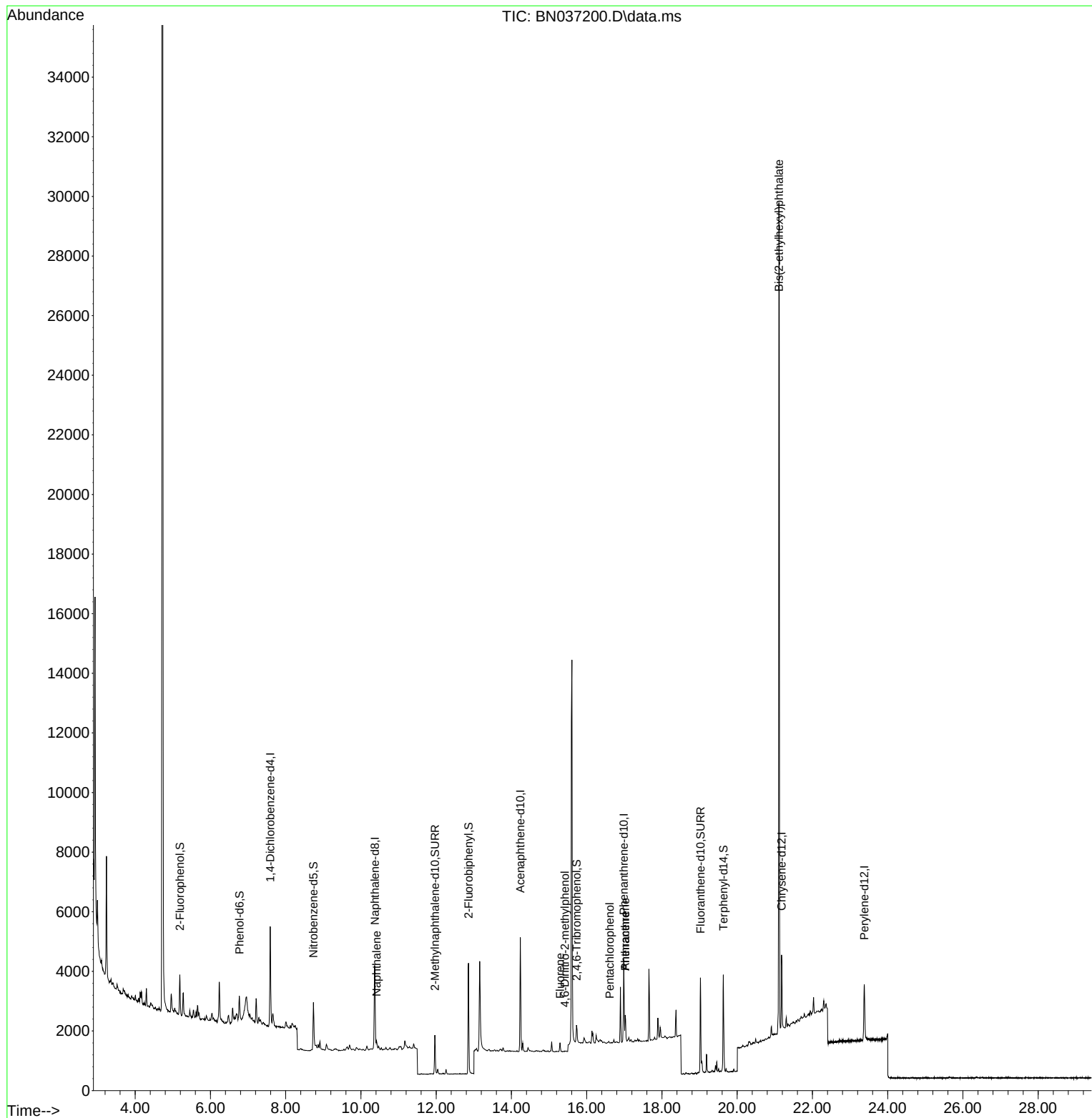
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1519	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	3854	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2072	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3585	0.400	ng	0.00
29) Chrysene-d12	21.180	240	2502	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2468	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	863	0.230	ng	0.00
5) Phenol-d6	6.773	99	746	0.164	ng	0.00
8) Nitrobenzene-d5	8.739	82	1445	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	1876	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	337	0.404	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3331	0.377	ng	0.00
27) Fluoranthene-d10	19.022	212	3620	0.397	ng	0.00
31) Terphenyl-d14	19.630	244	2917	0.495	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.415	128	338	0.030	ng	# 58
18) Fluorene	15.293	166	181	0.021	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.421	198	1	0.275	ng	# 1
24) Pentachlorophenol	16.612	266	8	0.221	ng	# 43
25) Phenanthrene	17.021	178	996	0.086	ng	# 94
26) Anthracene	17.021	178	996	0.094	ng	96
34) Bis(2-ethylhexyl)phtha...	21.108	149	26985	4.722	ng	# 99

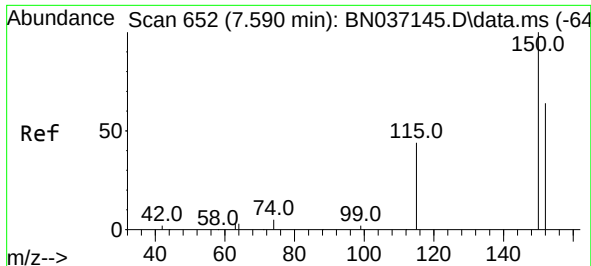
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037200.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-182-GW-810-812

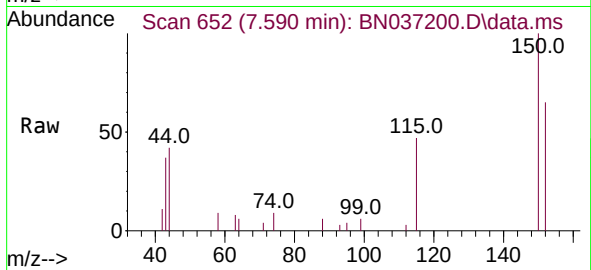
Quant Time: Jun 10 04:03:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
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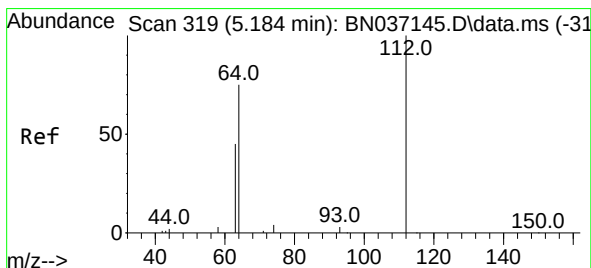
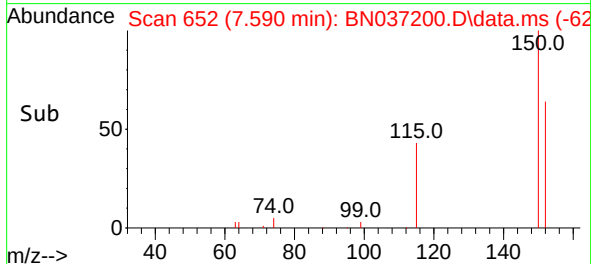
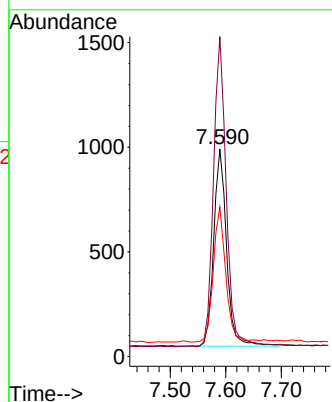


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.590 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-810-812

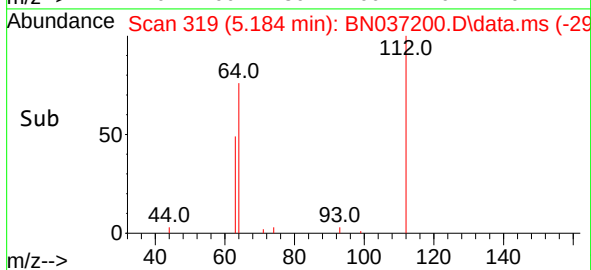
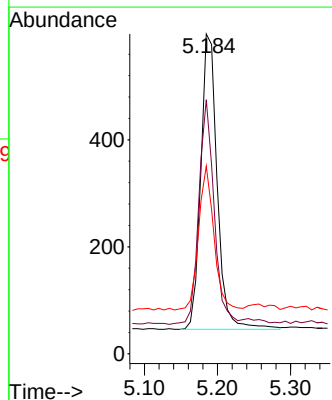
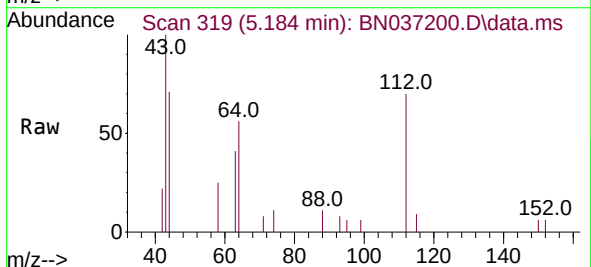


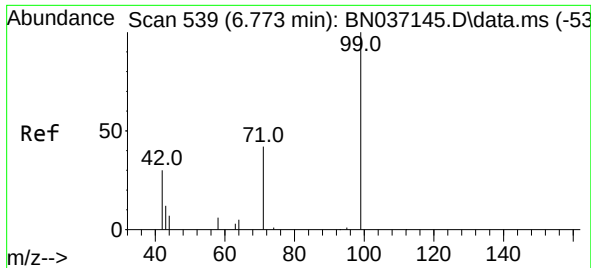
Tgt Ion:152 Resp: 1519
Ion Ratio Lower Upper
152 100
150 154.3 123.2 184.8
115 72.0 56.6 85.0



#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.184 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:112 Resp: 863
Ion Ratio Lower Upper
112 100
64 71.1 56.3 84.5
63 45.4 36.2 54.4

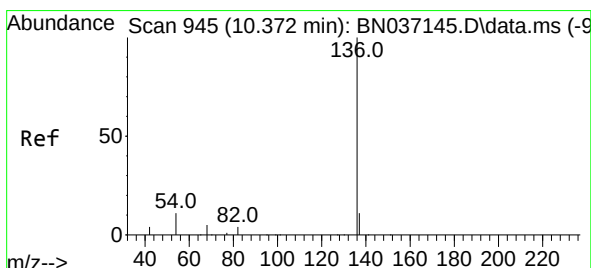
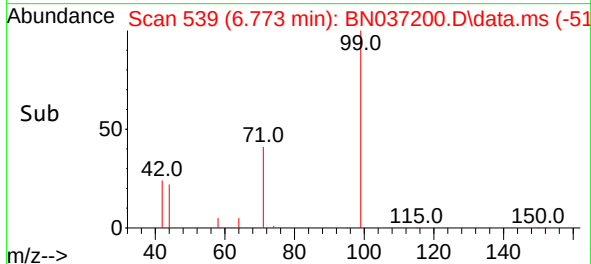
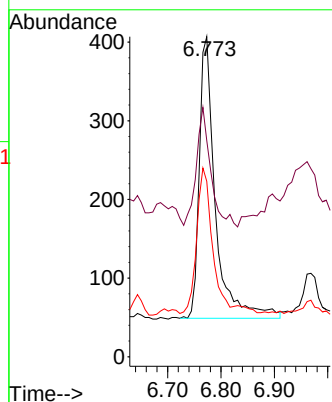
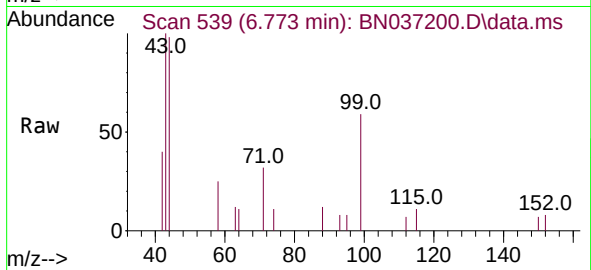




#5
Phenol-d6
Concen: 0.164 ng
RT: 6.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

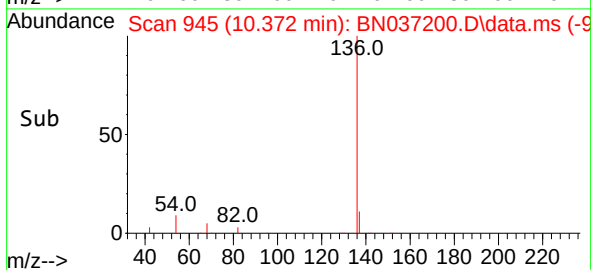
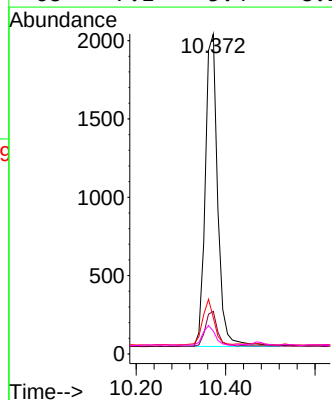
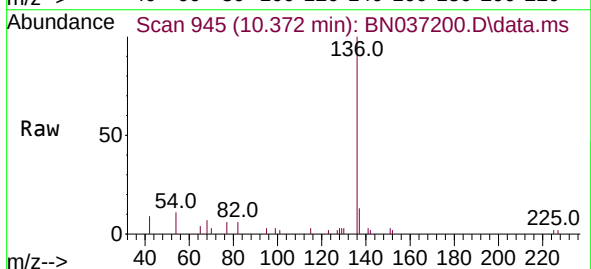
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-810-812

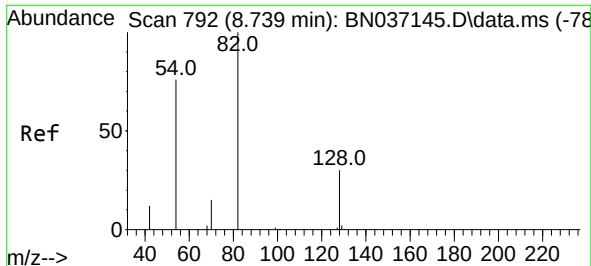
Tgt Ion:	99	Resp:	746
Ion	Ratio	Lower	Upper
99	100		
42	38.2	31.3	46.9
71	50.1	38.2	57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:	136	Resp:	3854
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.7	14.5
54	11.3	9.7	14.5
68	7.1	5.4	8.2

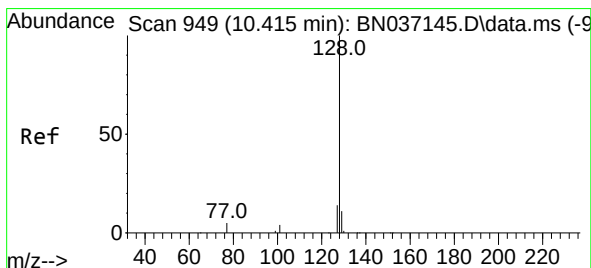
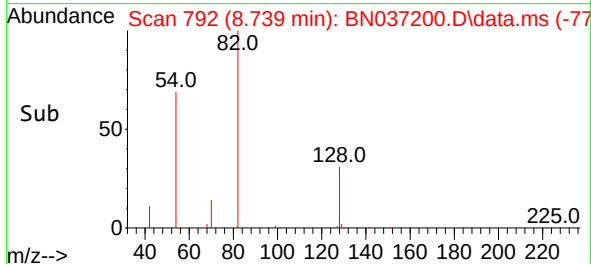
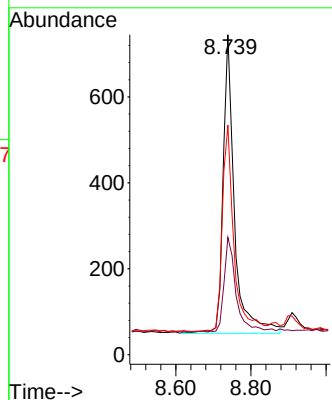
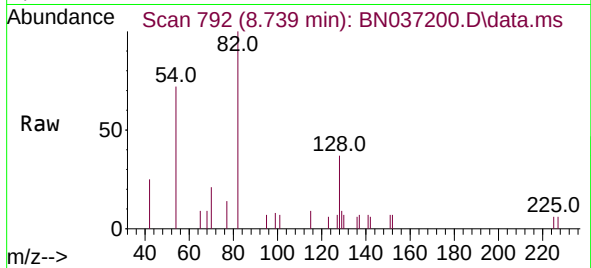




#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

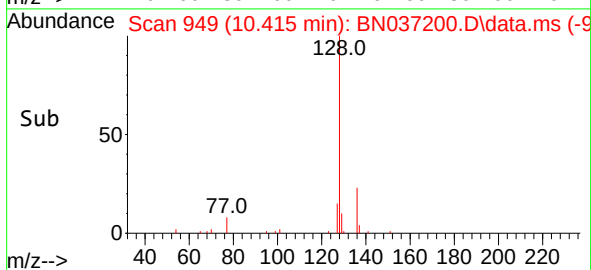
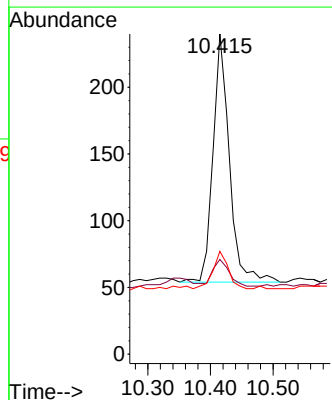
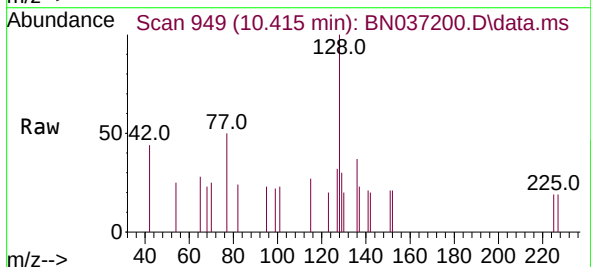
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-810-812

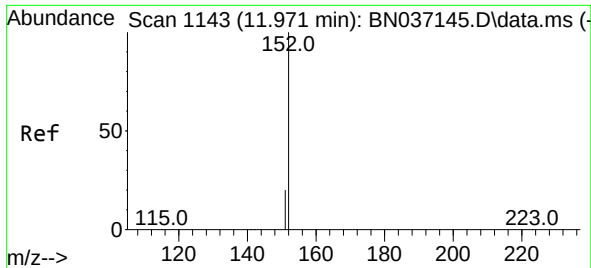
Tgt Ion: 82 Resp: 1445
Ion Ratio Lower Upper
82 100
128 36.6 26.9 40.3
54 71.7 61.4 92.2



#9
Naphthalene
Concen: 0.030 ng
RT: 10.415 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion: 128 Resp: 338
Ion Ratio Lower Upper
128 100
129 29.6 9.8 14.8#
127 32.1 12.3 18.5#

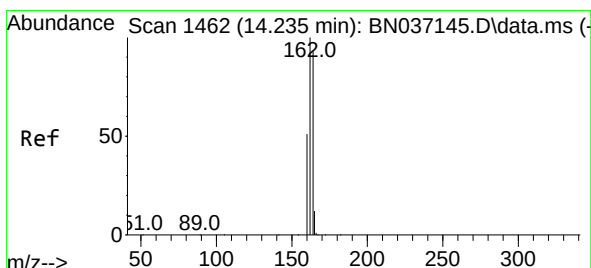
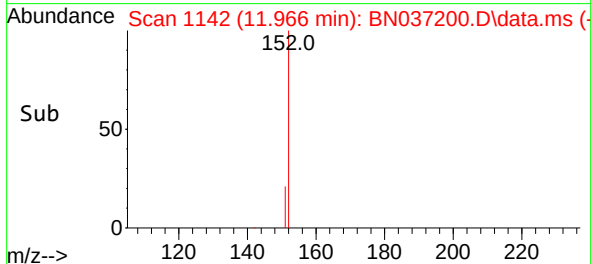
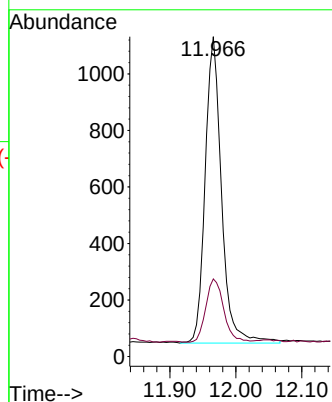
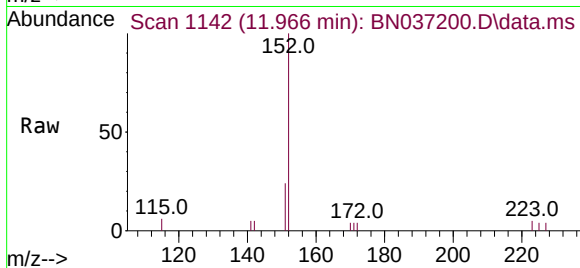




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

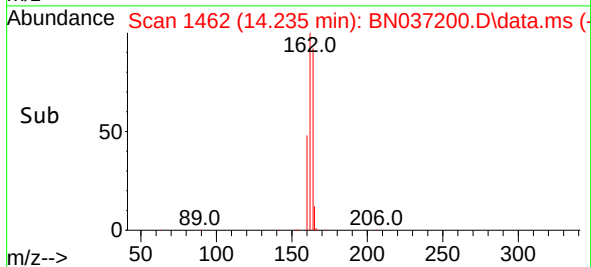
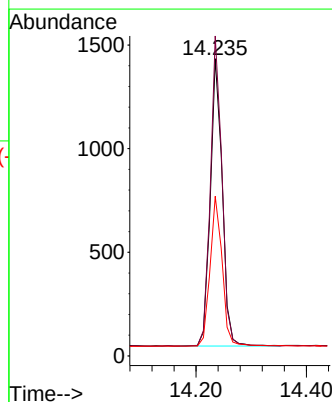
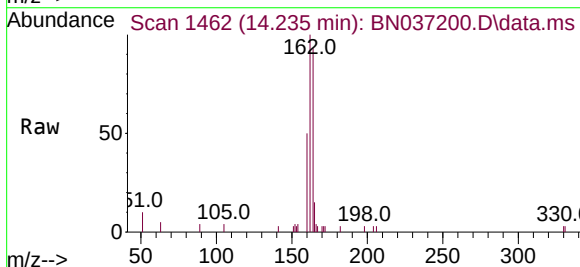
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ClientSampleId :
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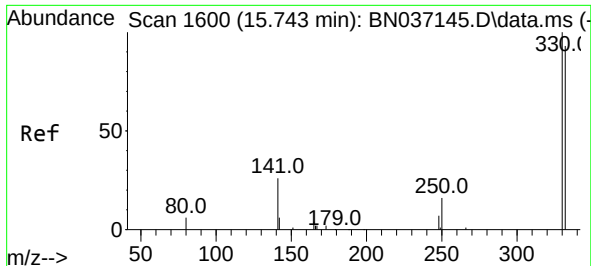
Tgt Ion:152 Resp: 1876
Ion Ratio Lower Upper
152 100
151 22.5 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:164 Resp: 2072
Ion Ratio Lower Upper
164 100
162 107.7 85.5 128.3
160 53.7 44.6 67.0

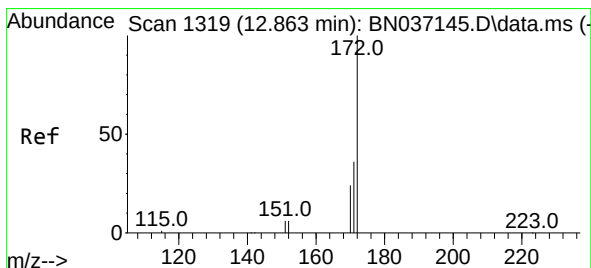
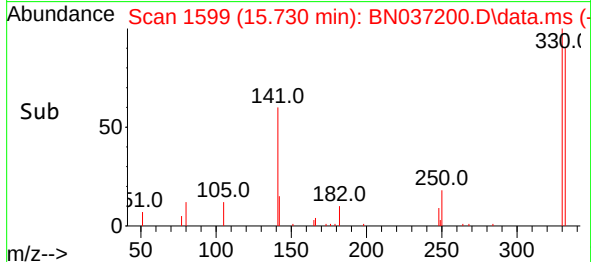
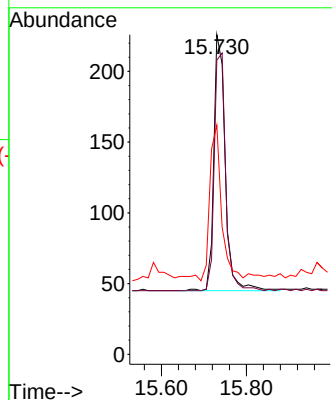
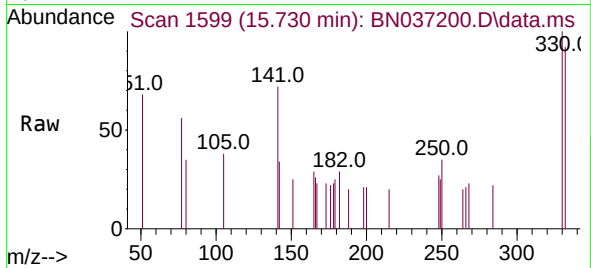




#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

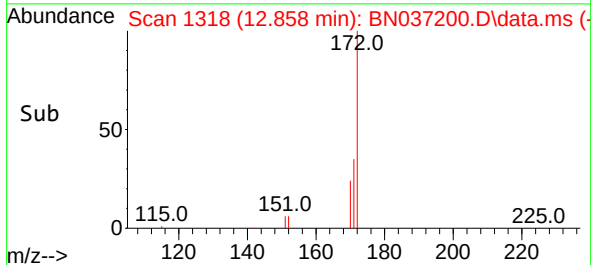
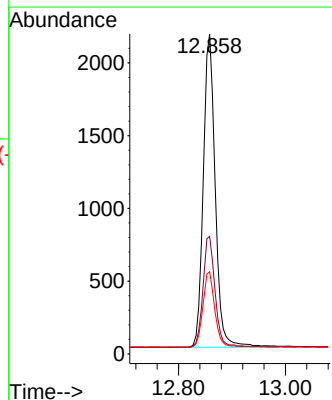
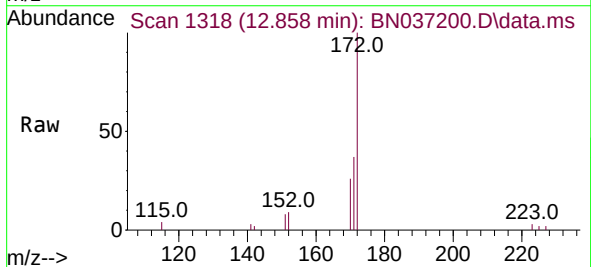
Instrument :
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ClientSampleId :
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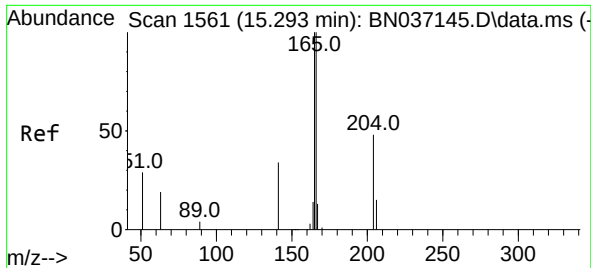
Tgt Ion:330 Resp: 337
Ion Ratio Lower Upper
330 100
332 92.3 77.1 115.7
141 59.1 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:172 Resp: 3331
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.7 20.3 30.5

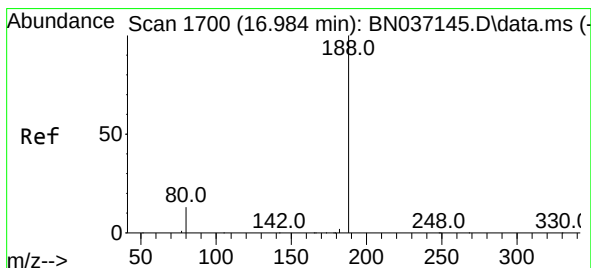
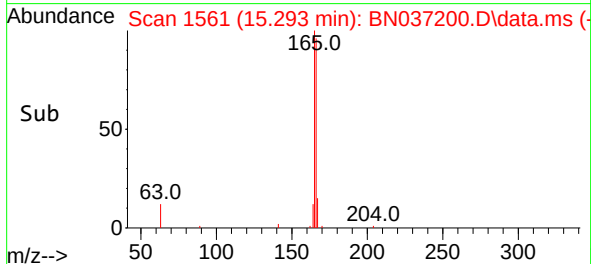
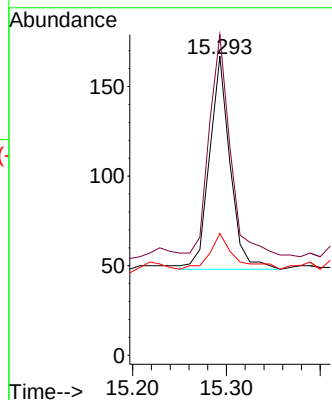
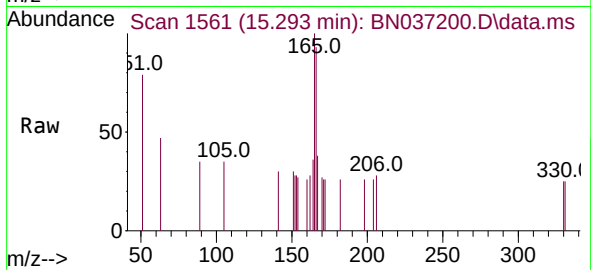




#18
Fluorene
Concen: 0.021 ng
RT: 15.293 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

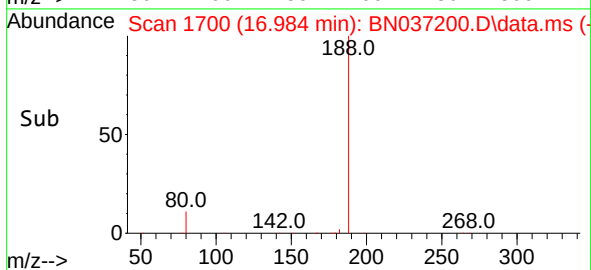
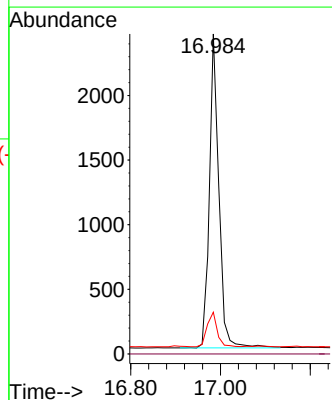
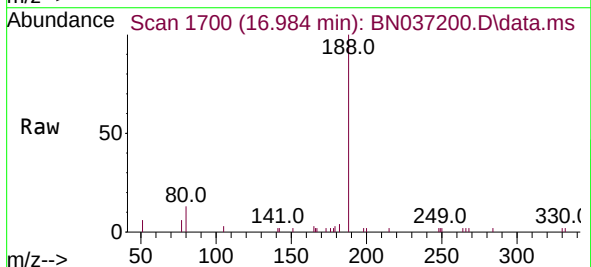
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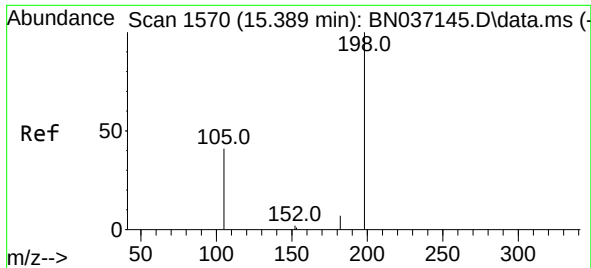
Tgt Ion:166 Resp: 181
Ion Ratio Lower Upper
166 100
165 109.4 81.1 121.7
167 19.9 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:188 Resp: 3585
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 11.3 16.9

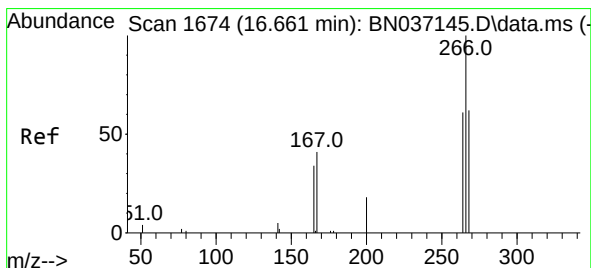
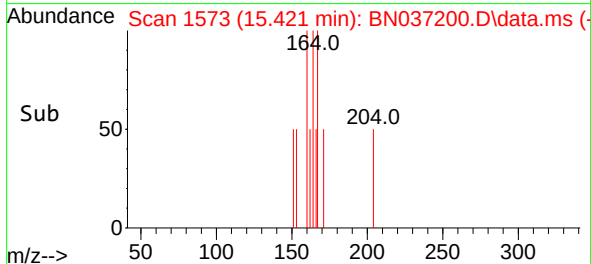
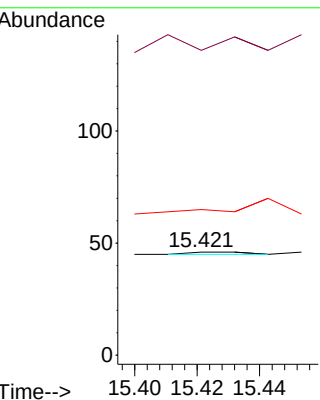
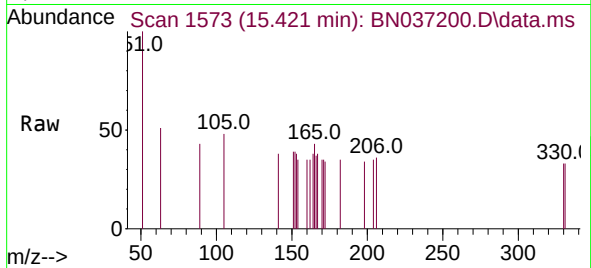




#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.421 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

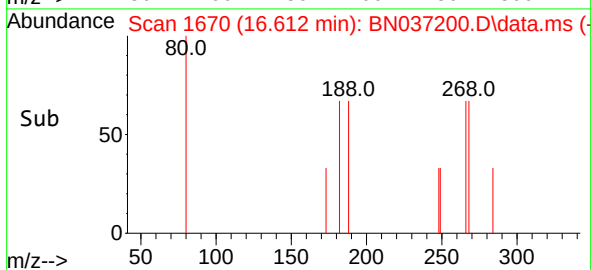
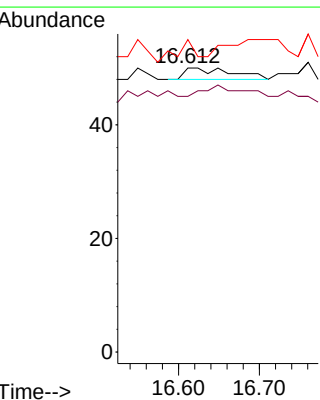
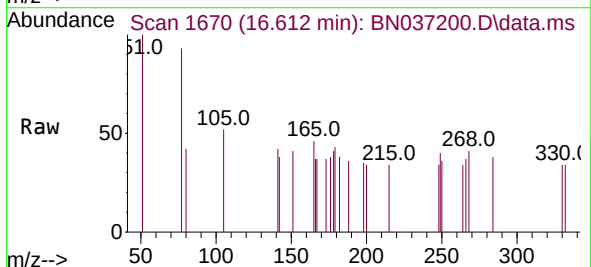
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-810-812

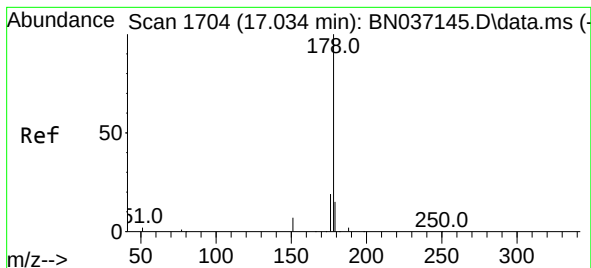
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 295.7 125.2 187.8#
105 141.3 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.221 ng
RT: 16.612 min Scan# 1670
Delta R.T. -0.049 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 0.0 49.3 73.9#
268 87.5 49.0 73.4#





#25

Phenanthrene

Concen: 0.086 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BN037200.D

Acq: 09 Jun 2025 20:04

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-810-812

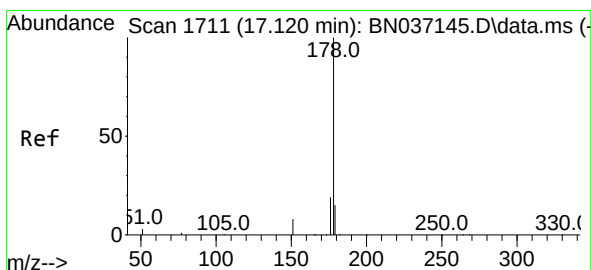
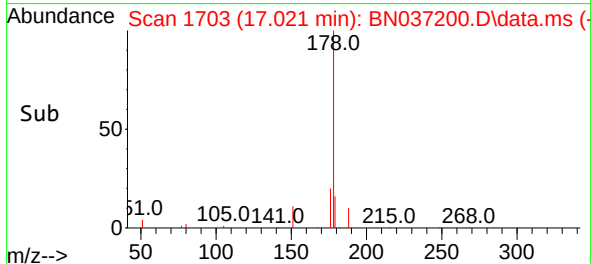
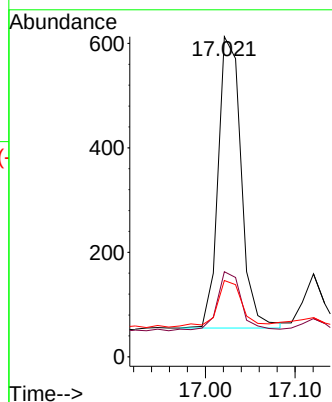
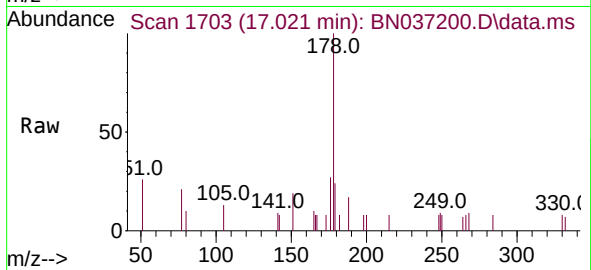
Tgt Ion:178 Resp: 996

Ion Ratio Lower Upper

178 100

176 21.5 15.7 23.5

179 18.6 12.3 18.5#



#26

Anthracene

Concen: 0.094 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.099 min

Lab File: BN037200.D

Acq: 09 Jun 2025 20:04

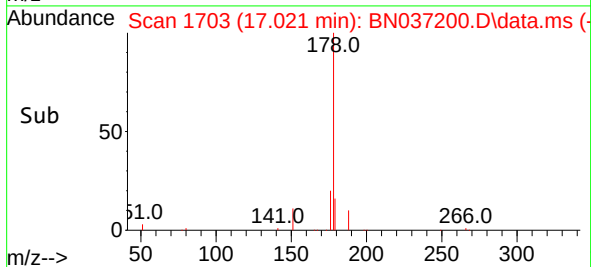
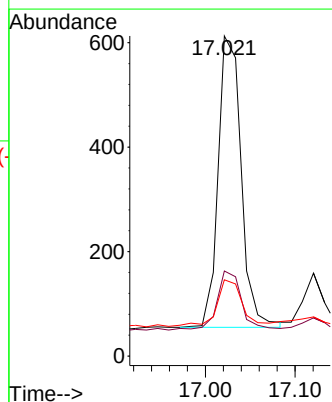
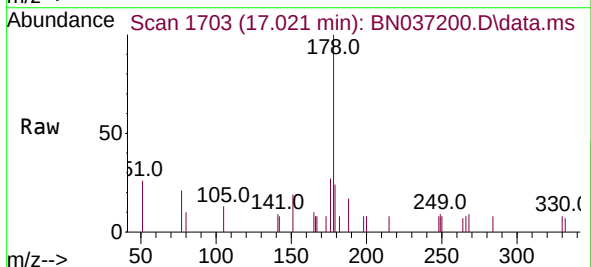
Tgt Ion:178 Resp: 996

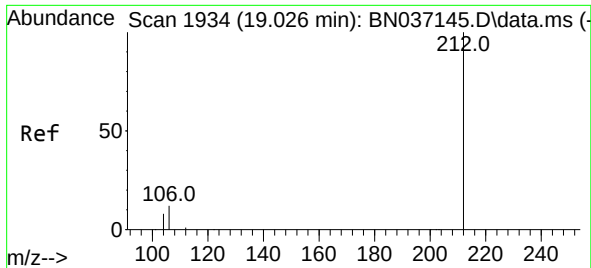
Ion Ratio Lower Upper

178 100

176 21.5 15.2 22.8

179 17.5 12.9 19.3

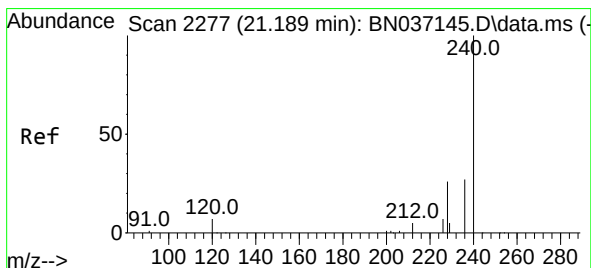
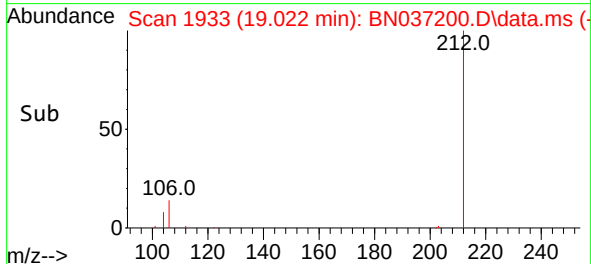
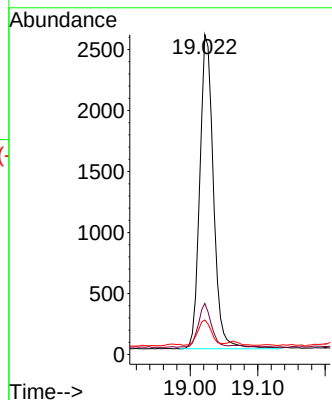
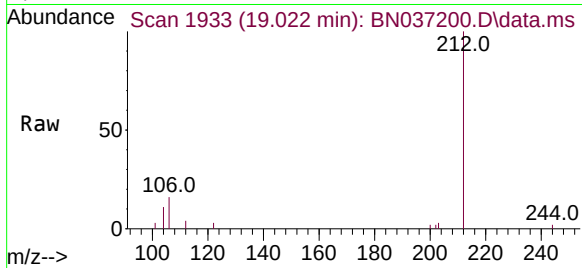




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.022 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

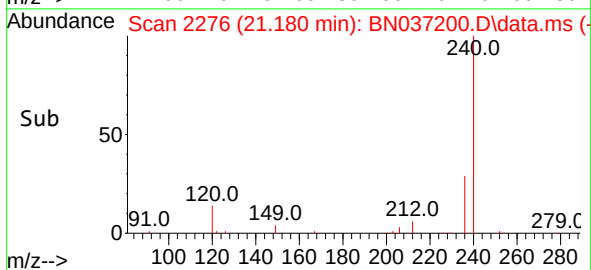
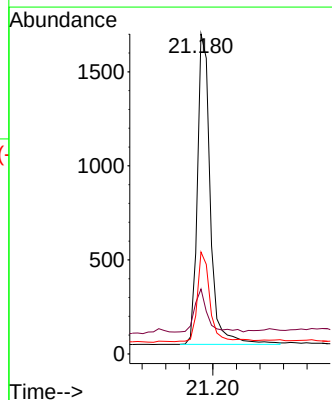
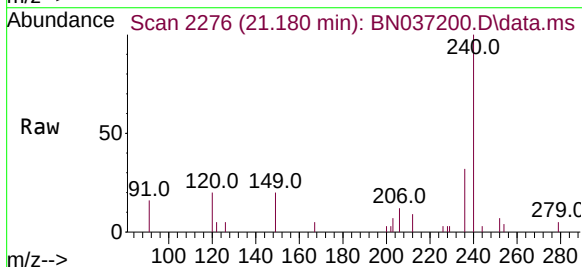
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-810-812

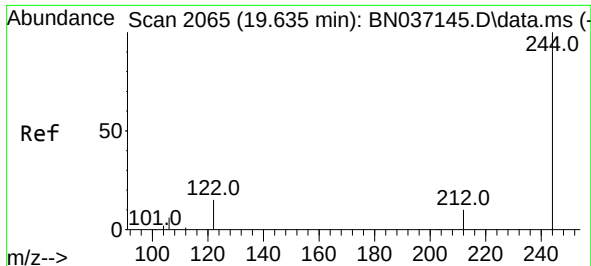
Tgt Ion:212 Resp: 3620
Ion Ratio Lower Upper
212 100
106 13.3 10.6 15.8
104 8.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037200.D
Acq: 09 Jun 2025 20:04

Tgt Ion:240 Resp: 2502
Ion Ratio Lower Upper
240 100
120 20.3 9.0 13.4#
236 31.8 23.0 34.4

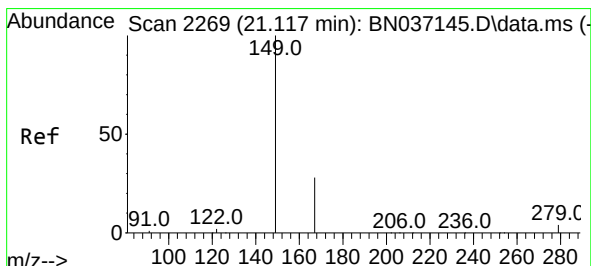
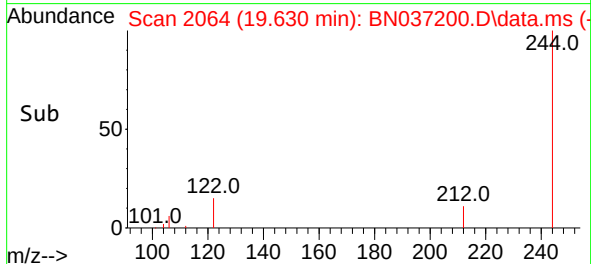
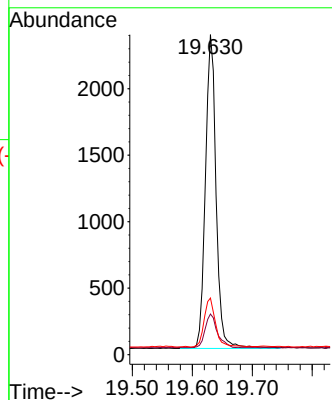
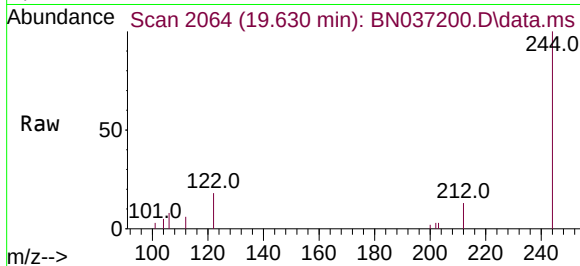




#31
 Terphenyl-d14
 Concen: 0.495 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037200.D
 Acq: 09 Jun 2025 20:04

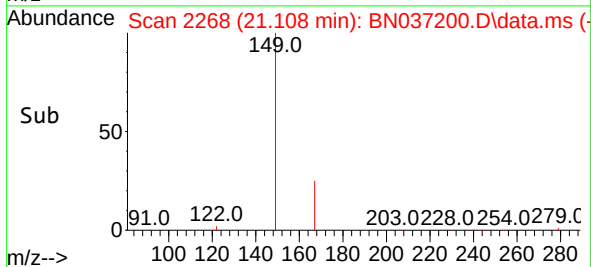
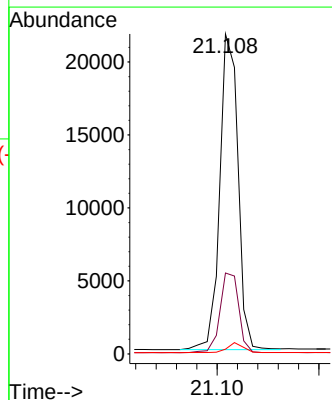
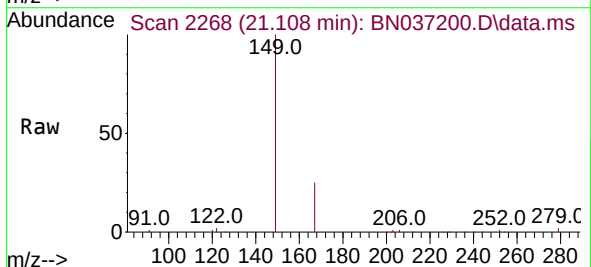
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-810-812

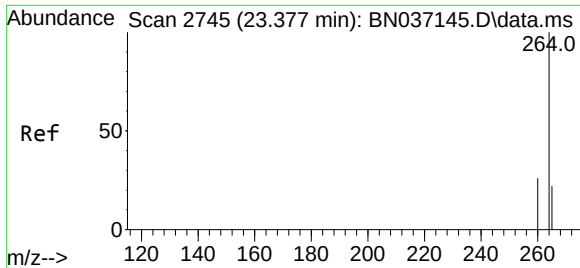
Tgt Ion:244	Resp:	2917
Ion Ratio	Lower	Upper
244	100	
212	12.7	10.0 15.0
122	17.7	13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.722 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037200.D
 Acq: 09 Jun 2025 20:04

Tgt Ion:149	Resp:	26985
Ion Ratio	Lower	Upper
149	100	
167	26.0	21.0 31.4
279	2.8	2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037200.D
 Acq: 09 Jun 2025 20:04

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-810-812

Tgt Ion:	264	Resp:	2468
Ion Ratio	Lower	Upper	
264	100		
260	27.8	22.1	33.1
265	86.0	55.8	83.8

