

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037174.D
 Acq On : 05 Jun 2025 10:55
 Operator : RC/JU
 Sample : Q2186-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 11:17:05 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)

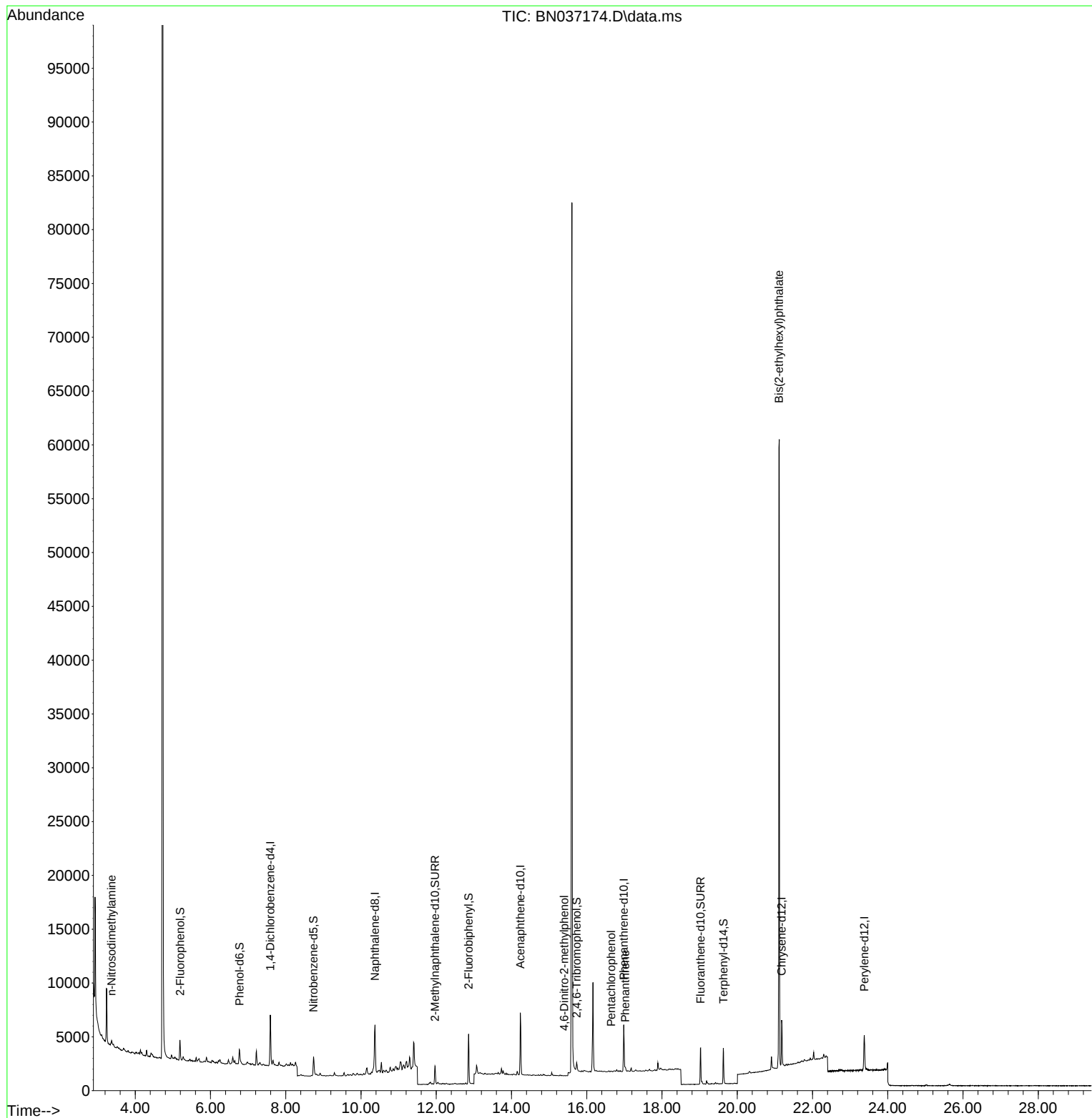
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2112	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5405	0.400	ng	# 0.00
13) Acenaphthene-d10	14.235	164	3092	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5642	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4233	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	4432	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1213	0.232	ng	0.00
5) Phenol-d6	6.773	99	1170	0.185	ng	0.00
8) Nitrobenzene-d5	8.739	82	1647	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2331	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	392	0.315	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4121	0.313	ng	0.00
27) Fluoranthene-d10	19.026	212	3858	0.269	ng	0.00
31) Terphenyl-d14	19.630	244	3082	0.309	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.372	42	204	0.036	ng	# 13
20) 4,6-Dinitro-2-methylph...	15.400	198	4	0.277	ng	# 1
24) Pentachlorophenol	16.649	266	20	0.224	ng	# 86
25) Phenanthrene	17.021	178	414	0.023	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.108	149	58107	6.010	ng	# 98

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

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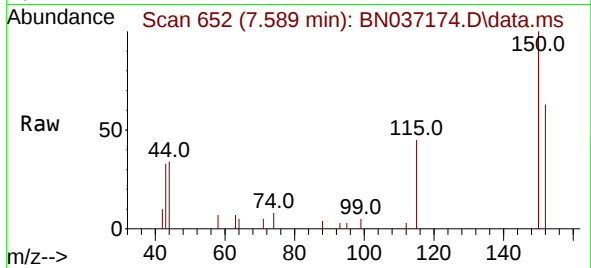
Quant Time: Jun 05 11:17:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



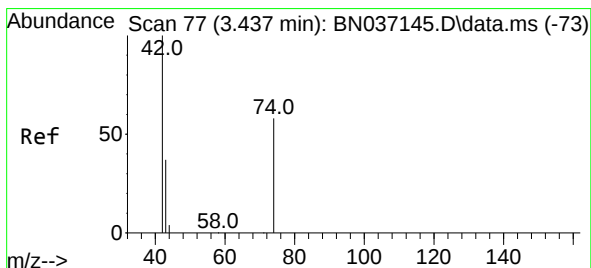
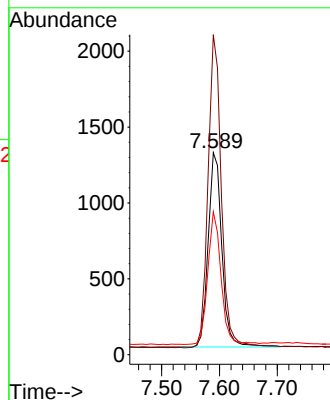
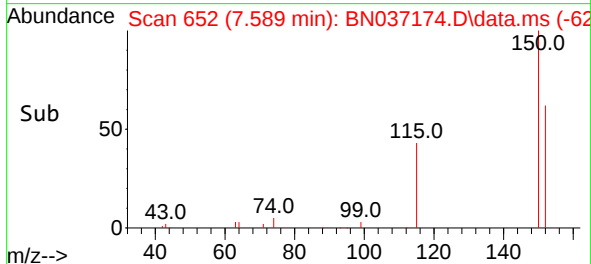


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037174.D
 Acq: 05 Jun 2025 10:55

Instrument :
 BNA_N
 ClientSampleId :

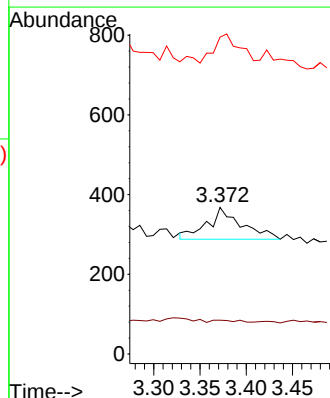
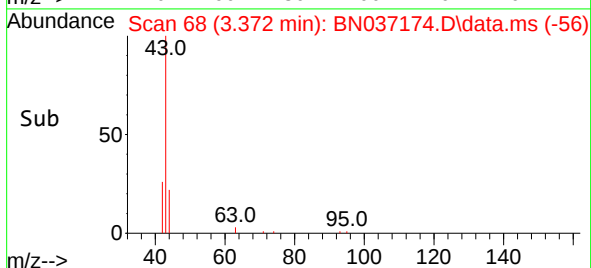
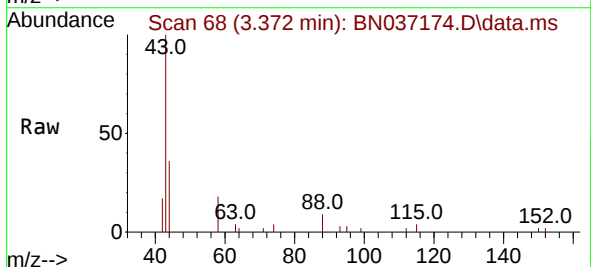


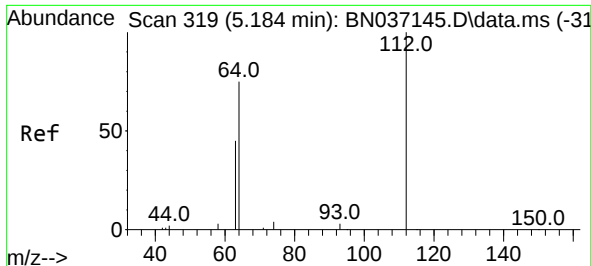
Tgt Ion:152 Resp: 2112
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.2 184.8
 115 70.7 56.6 85.0



#3
 n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.372 min Scan# 68
 Delta R.T. -0.065 min
 Lab File: BN037174.D
 Acq: 05 Jun 2025 10:55

Tgt Ion: 42 Resp: 204
 Ion Ratio Lower Upper
 42 100
 74 5.9 53.0 79.4#
 44 71.1 5.9 8.9#

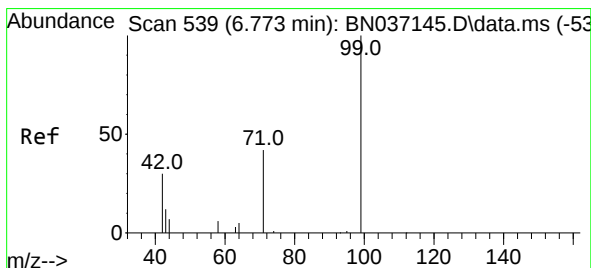
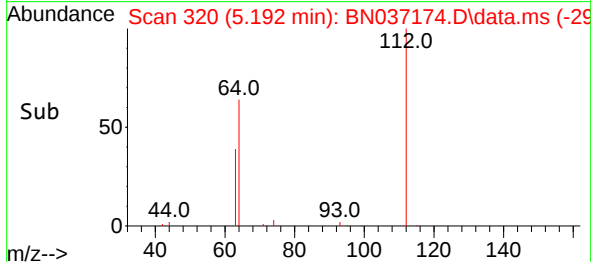
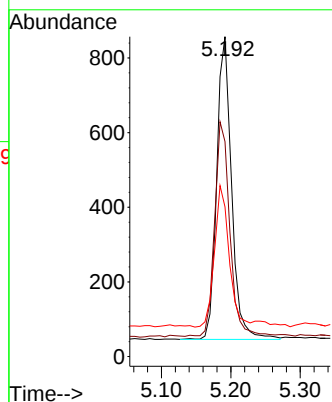
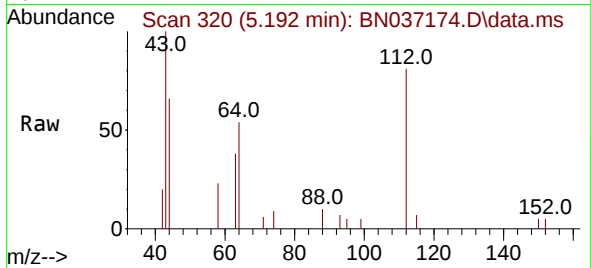




#4
2-Fluorophenol
Concen: 0.232 ng
RT: 5.192 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

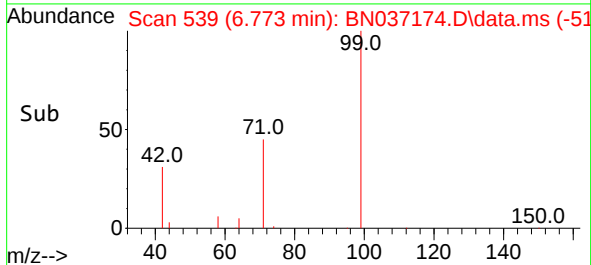
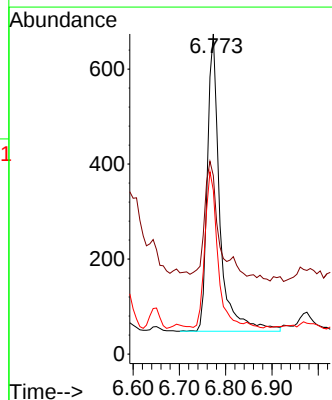
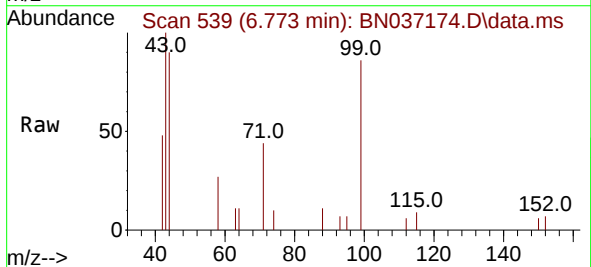
Instrument :
BNA_N
ClientSampleId :

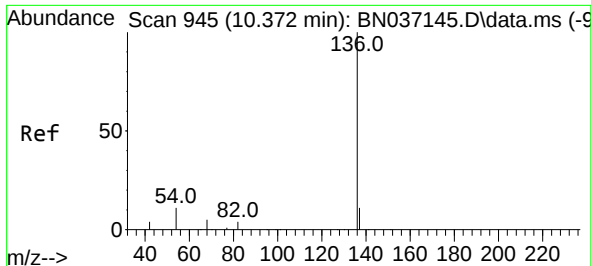
Tgt Ion:112 Resp: 1213
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 46.2 36.2 54.4



#5
Phenol-d6
Concen: 0.185 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

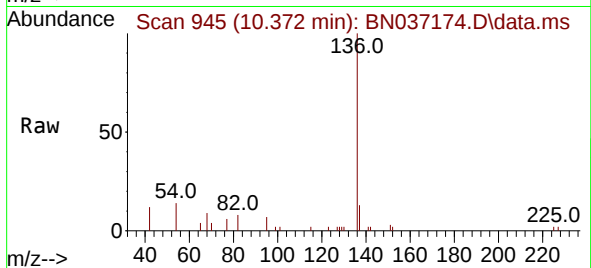
Tgt Ion: 99 Resp: 1170
Ion Ratio Lower Upper
99 100
42 36.2 31.3 46.9
71 55.3 38.2 57.2



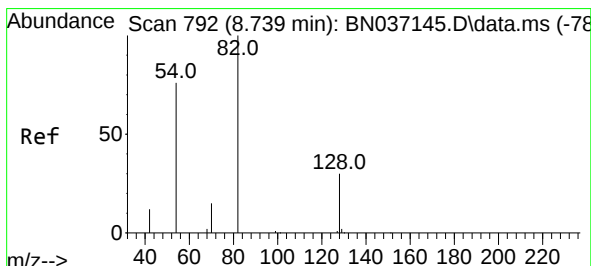
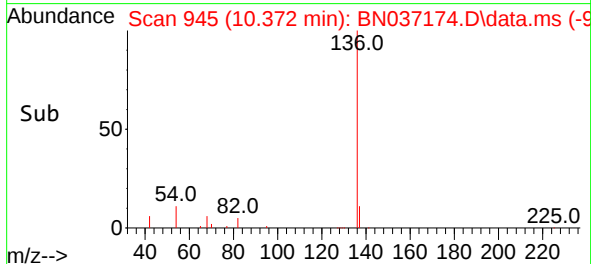
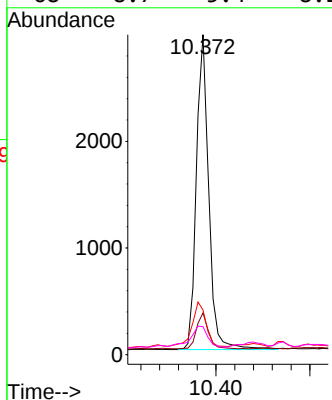


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Instrument :
BNA_N
ClientSampleId :

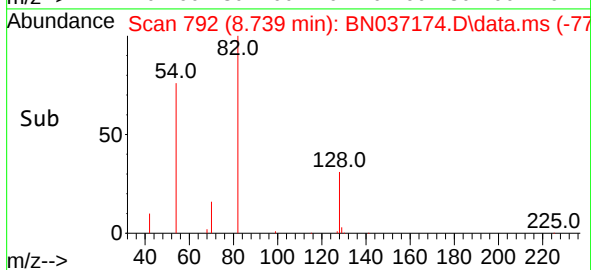
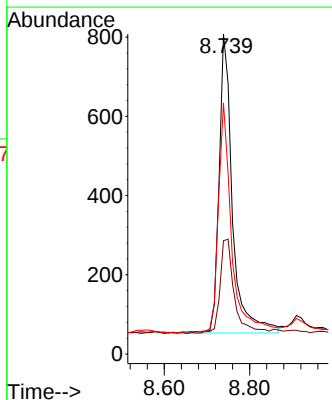
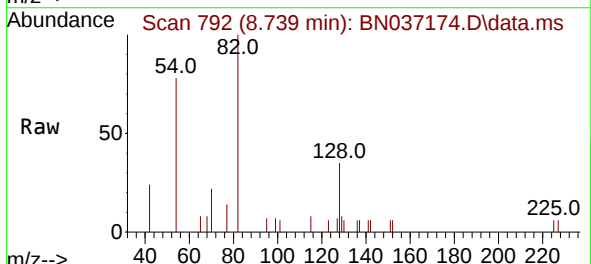


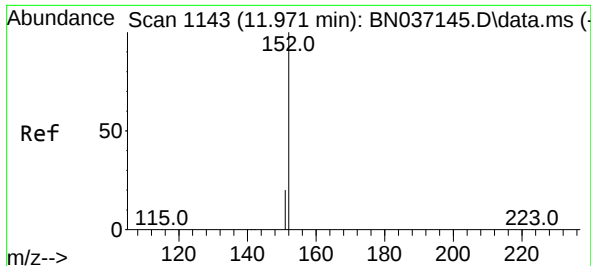
Tgt Ion:	136	Resp:	5405
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.7	14.5
54	14.0	9.7	14.5
68	8.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Tgt Ion:	82	Resp:	1647
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.9	40.3
54	78.5	61.4	92.2

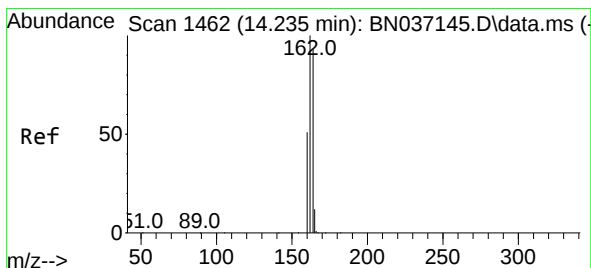
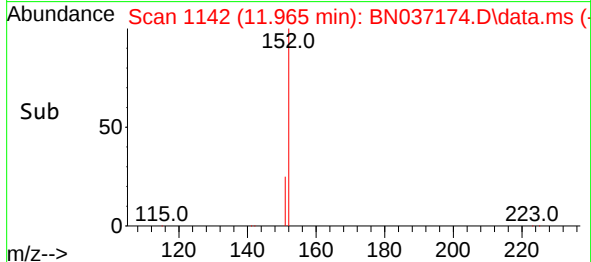
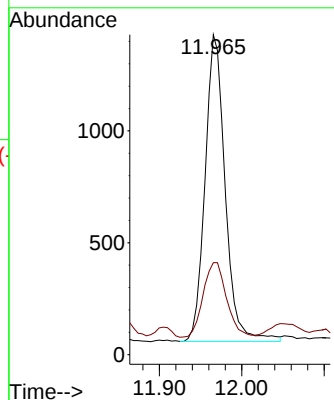
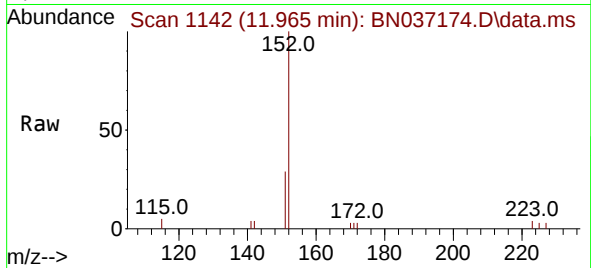




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

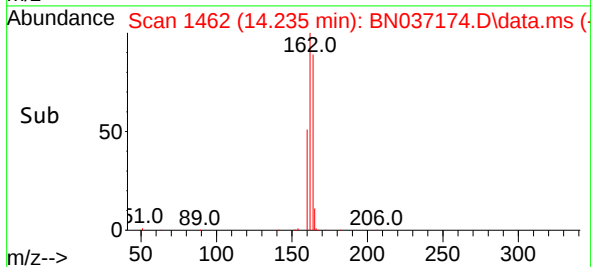
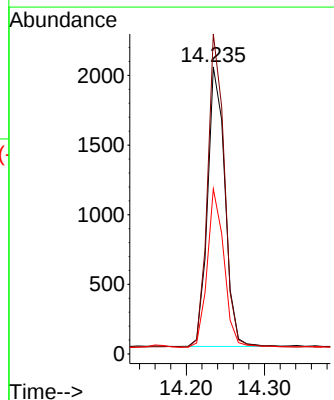
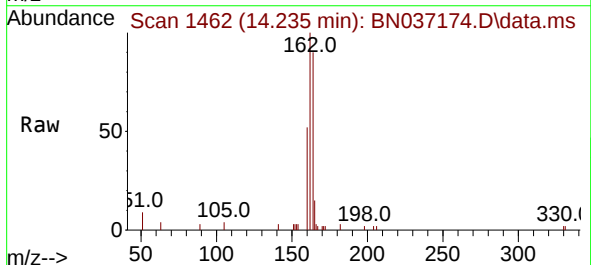
Instrument :
BNA_N
ClientSampleId :

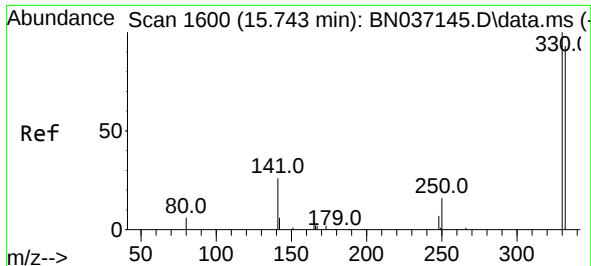
Tgt Ion:152 Resp: 2331
Ion Ratio Lower Upper
152 100
151 28.2 17.1 25.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

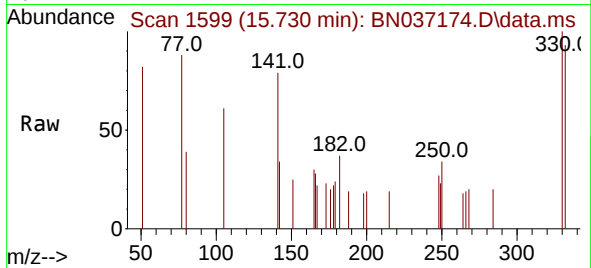
Tgt Ion:164 Resp: 3092
Ion Ratio Lower Upper
164 100
162 111.5 85.5 128.3
160 57.5 44.6 67.0



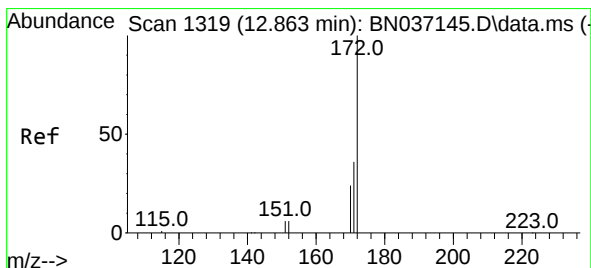
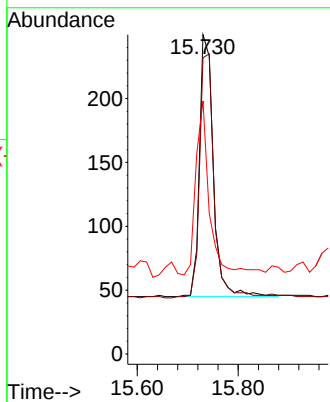
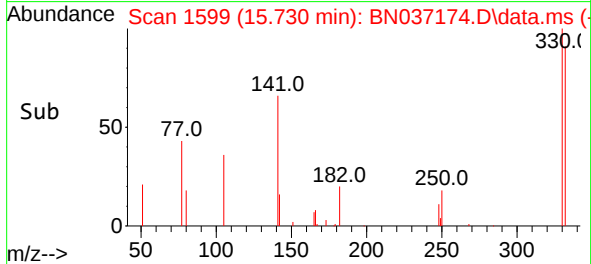


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.730 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

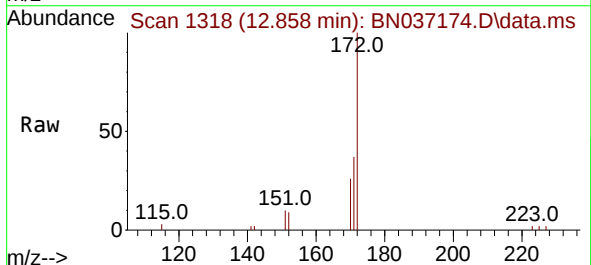
Instrument :
BNA_N
ClientSampleId :



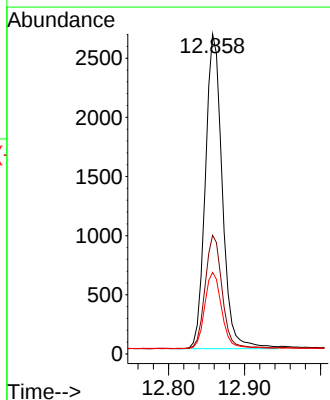
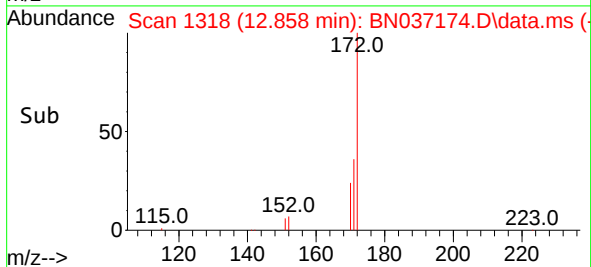
Tgt Ion:330 Resp: 392
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 65.6 46.4 69.6

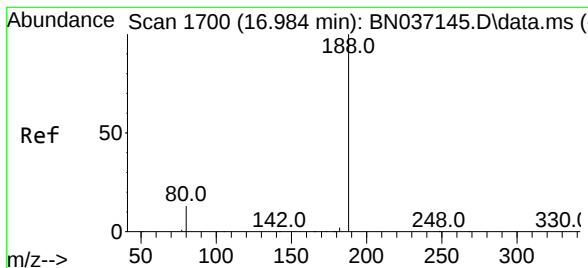


#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55



Tgt Ion:172 Resp: 4121
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 25.5 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

Instrument :

BNA_N

ClientSampleId :

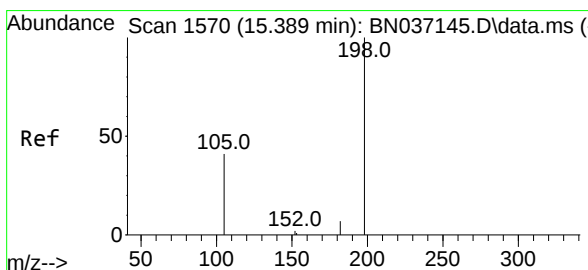
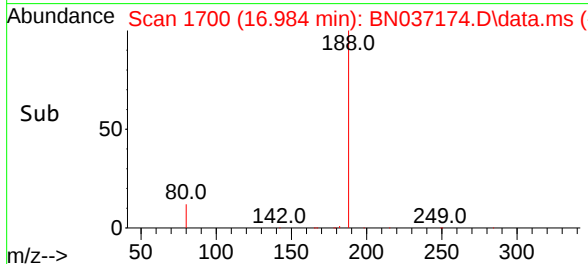
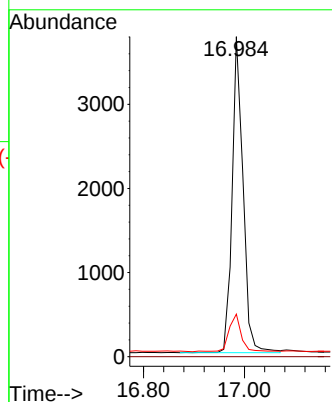
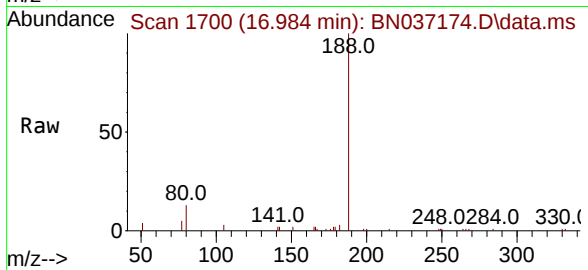
Tgt Ion:188 Resp: 5642

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.277 ng

RT: 15.400 min Scan# 1571

Delta R.T. 0.011 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

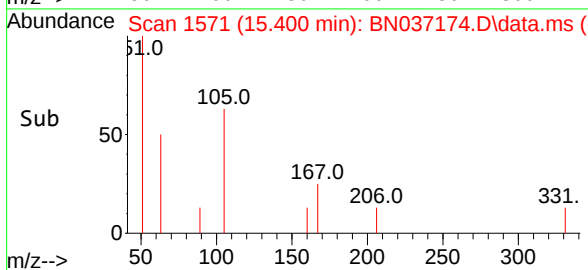
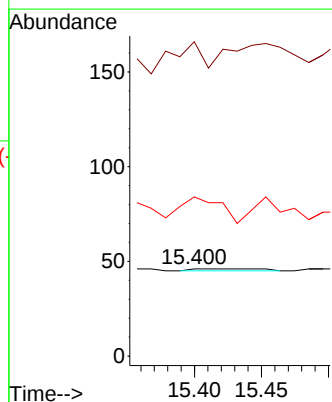
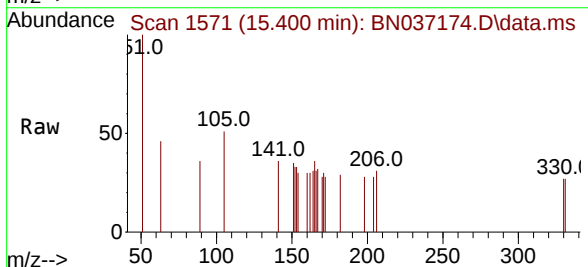
Tgt Ion:198 Resp: 4

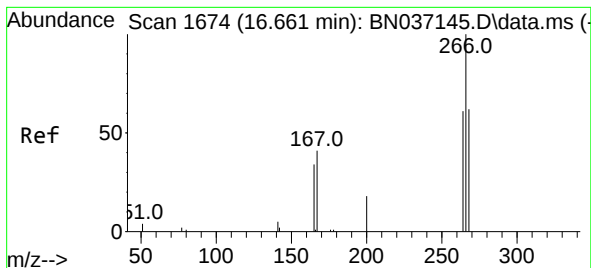
Ion Ratio Lower Upper

198 100

51 360.9 125.2 187.8#

105 182.6 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.224 ng

RT: 16.649 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037174.D

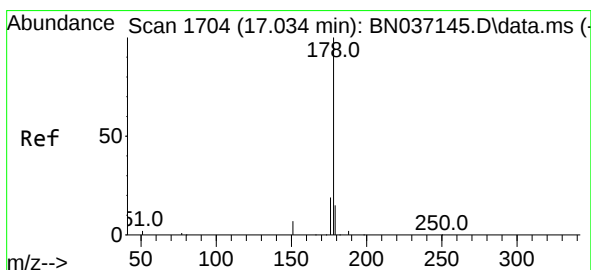
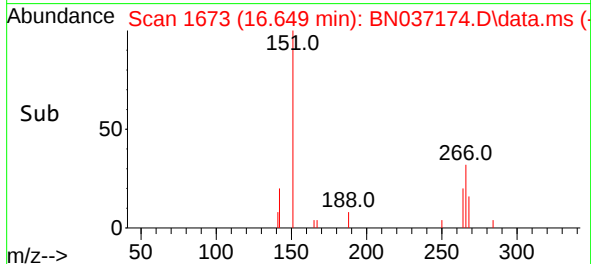
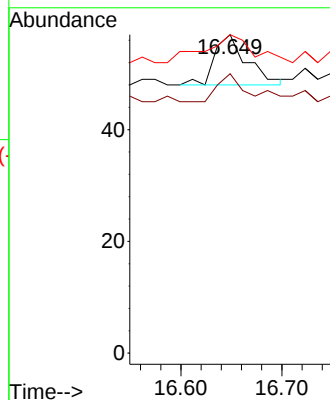
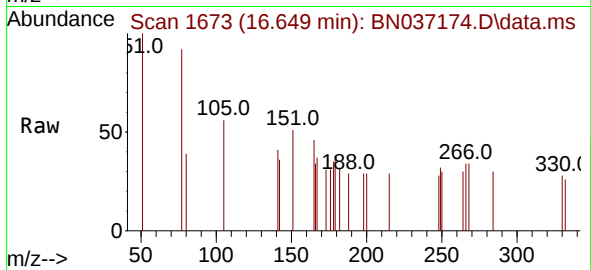
Acq: 05 Jun 2025 10:55

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	20
Ion Ratio	Lower	Upper	
266	100		
264	65.0	49.3	73.9
268	80.0	49.0	73.4#



#25

Phenanthrene

Concen: 0.023 ng

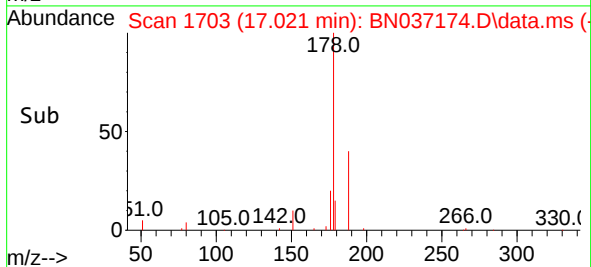
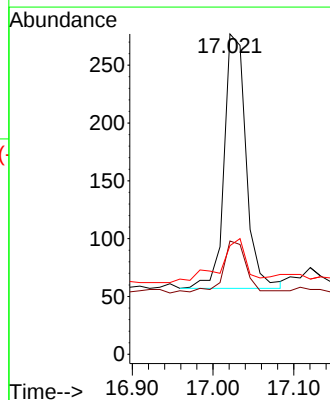
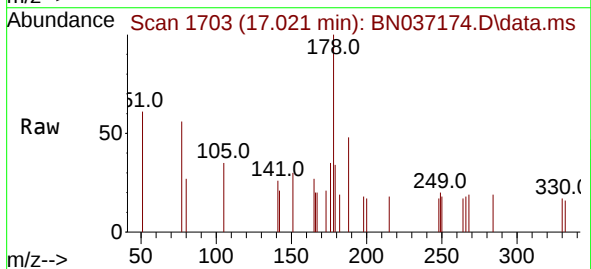
RT: 17.021 min Scan# 1703

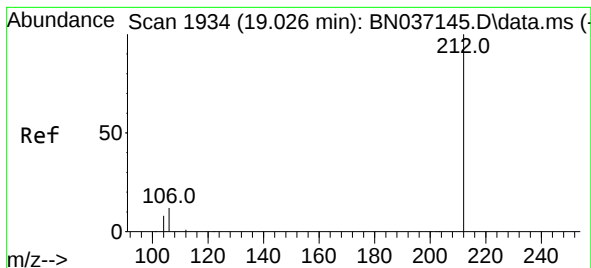
Delta R.T. -0.013 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

Tgt Ion:	178	Resp:	414
Ion Ratio	Lower	Upper	
178	100		
176	22.2	15.7	23.5
179	20.8	12.3	18.5#

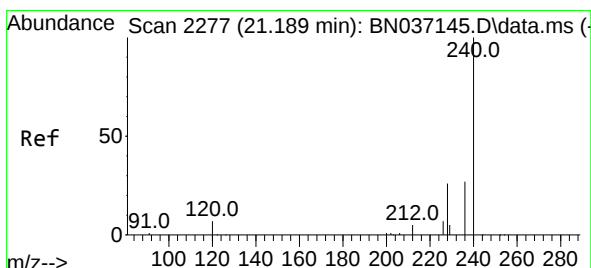
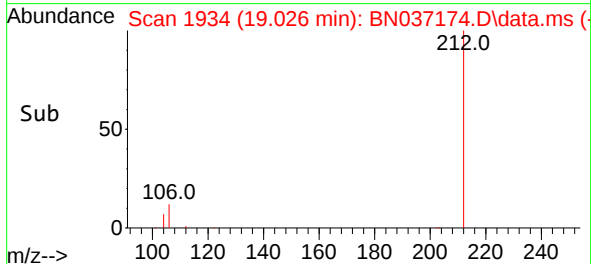
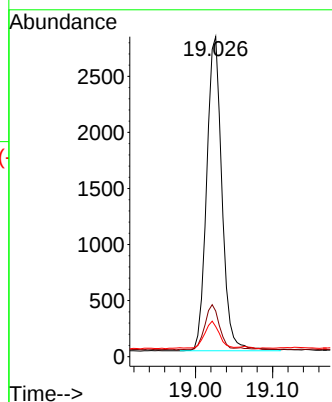
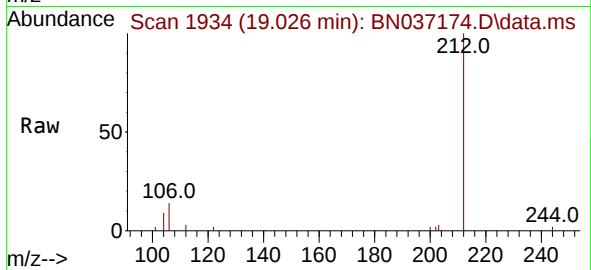




#27
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

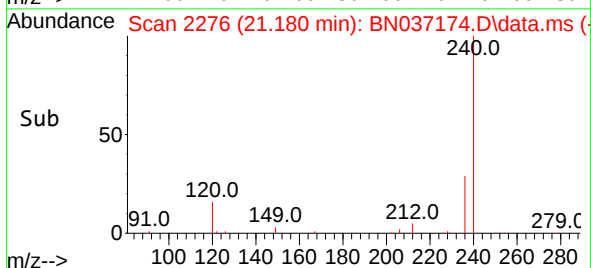
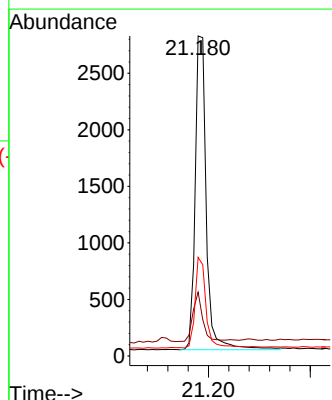
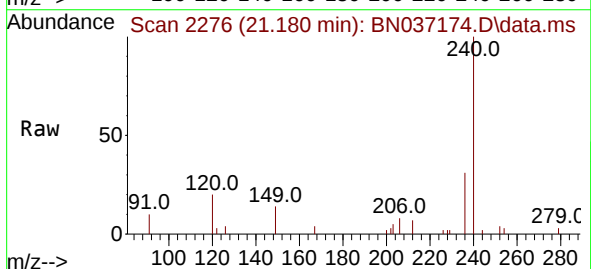
Instrument :
BNA_N
ClientSampleId :

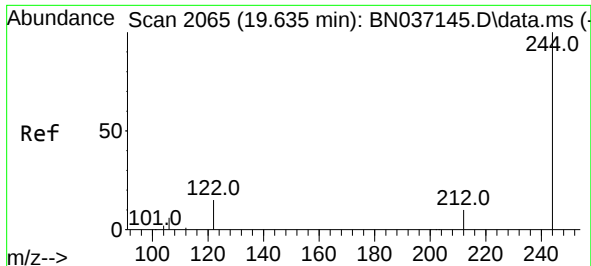
Tgt Ion:212 Resp: 3858
Ion Ratio Lower Upper
212 100
106 13.8 10.6 15.8
104 8.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

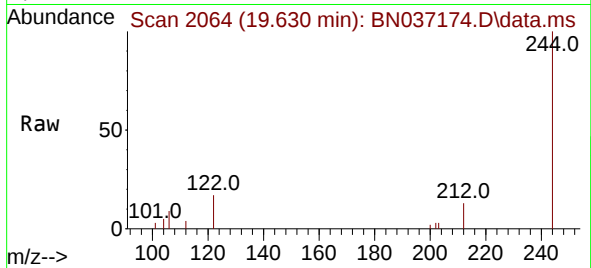
Tgt Ion:240 Resp: 4233
Ion Ratio Lower Upper
240 100
120 20.0 9.0 13.4#
236 30.8 23.0 34.4



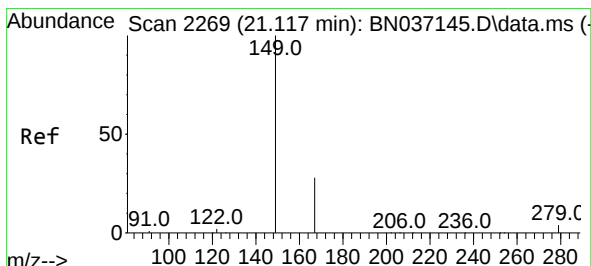
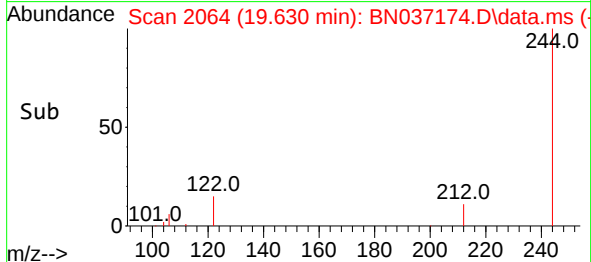
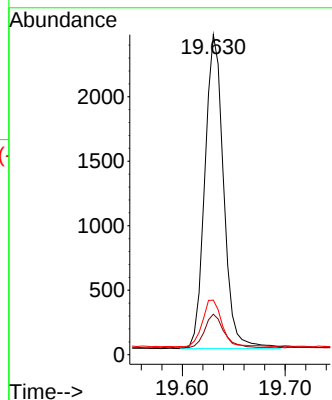


#31
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037174.D
 Acq: 05 Jun 2025 10:55

Instrument :
 BNA_N
 ClientSampleId :

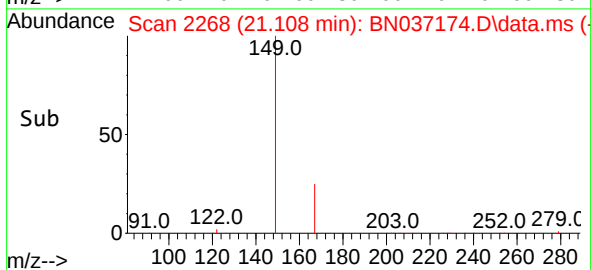
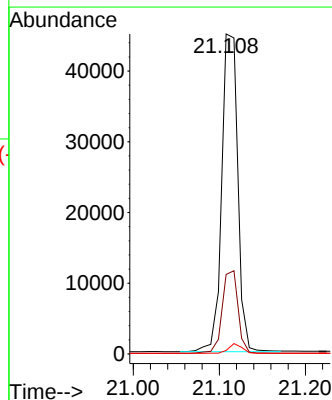
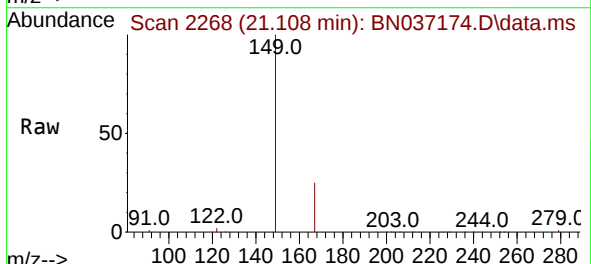


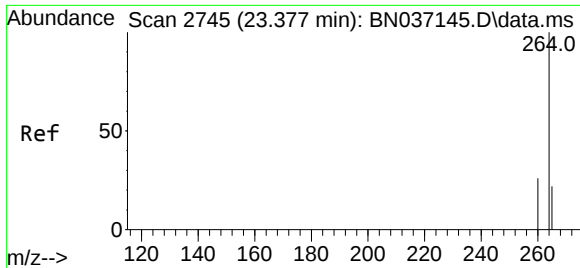
Tgt Ion:244 Resp: 3082
 Ion Ratio Lower Upper
 244 100
 212 12.7 10.0 15.0
 122 17.1 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 6.010 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037174.D
 Acq: 05 Jun 2025 10:55

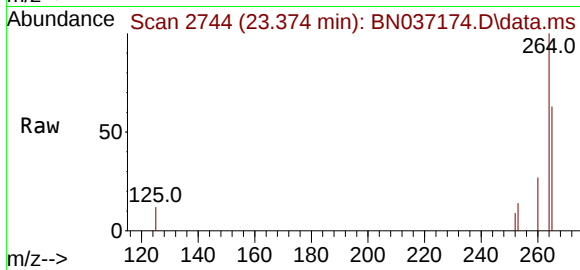
Tgt Ion:149 Resp: 58107
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.0 31.4
 279 2.6 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 4432
Ion Ratio Lower Upper
264 100
260 27.2 22.1 33.1
265 62.6 55.8 83.8

