

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037196.D
 Acq On : 09 Jun 2025 17:39
 Operator : RC/JU
 Sample : Q2251-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 09 18:22:27 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)

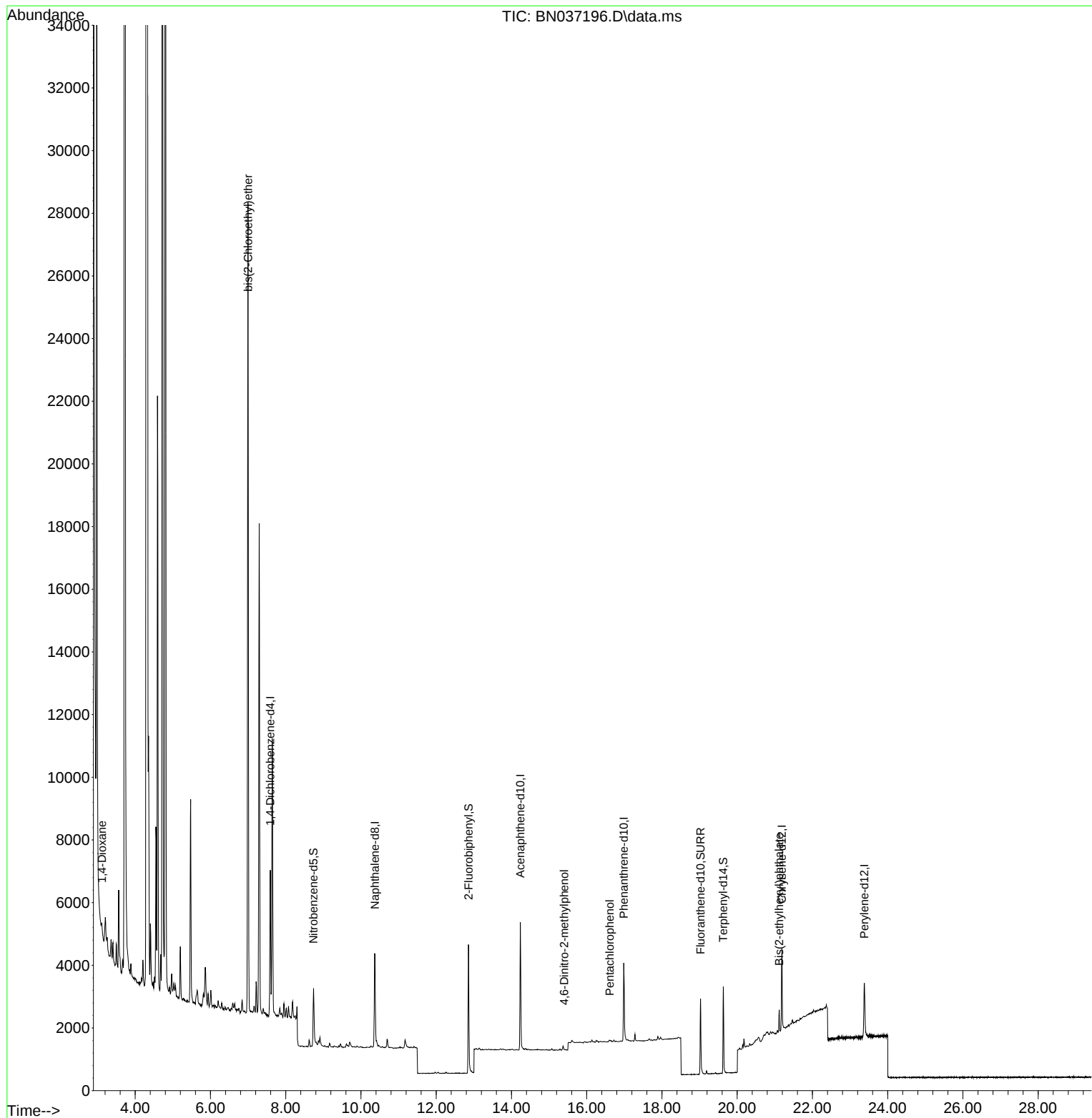
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1771	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4440	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2270	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3800	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2625	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2435	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	13	0.003	ng	0.00
5) Phenol-d6	6.766	99	11	0.002	ng	0.00
8) Nitrobenzene-d5	8.739	82	1739	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	65	0.011	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	4	0.004	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3851	0.398	ng	0.00
27) Fluoranthene-d10	19.026	212	2870	0.297	ng	0.00
31) Terphenyl-d14	19.630	244	2765	0.447	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	79	0.033	ng	# 69
6) bis(2-Chloroethyl)ether	6.997	93	12329	2.434	ng	# 39
20) 4,6-Dinitro-2-methylph...	15.400	198	8	0.281	ng	# 6
24) Pentachlorophenol	16.612	266	52	0.248	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.117	149	647	0.108	ng	# 98

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

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Instrument :
BNA_N
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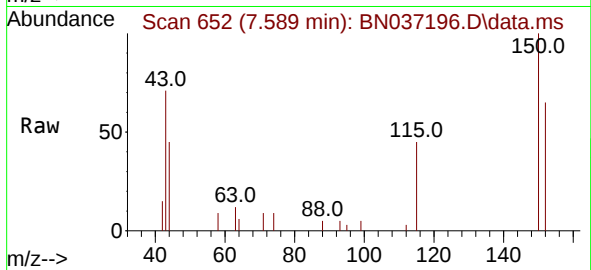
Quant Time: Jun 09 18:22:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



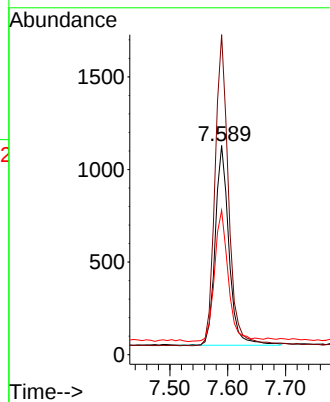
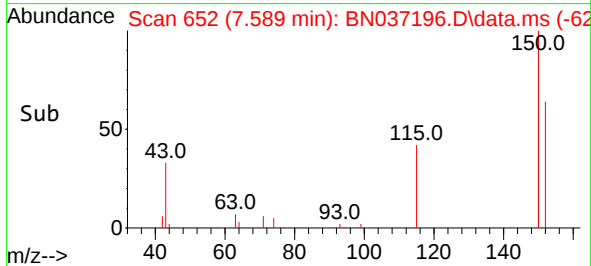


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037196.D
 Acq: 09 Jun 2025 17:39

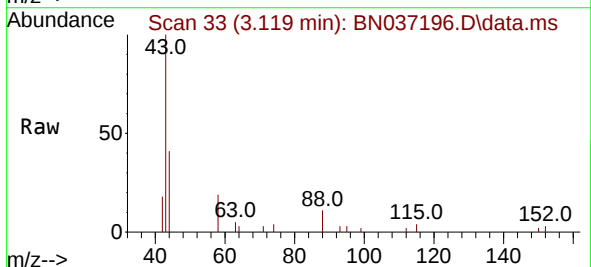
Instrument :
 BNA_N
 ClientSampleId :



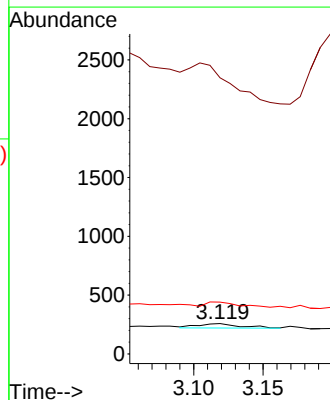
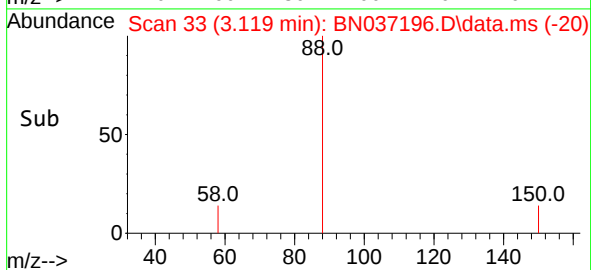
Tgt Ion:152 Resp: 1771
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.2 184.8
 115 69.0 56.6 85.0

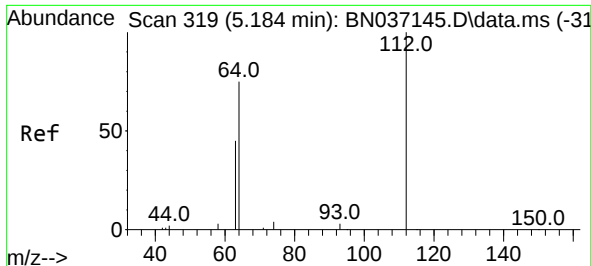


#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037196.D
 Acq: 09 Jun 2025 17:39



Tgt Ion: 88 Resp: 79
 Ion Ratio Lower Upper
 88 100
 43 0.0 43.5 65.3#
 58 86.1 67.7 101.5

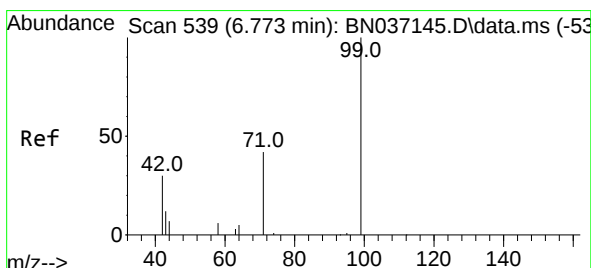
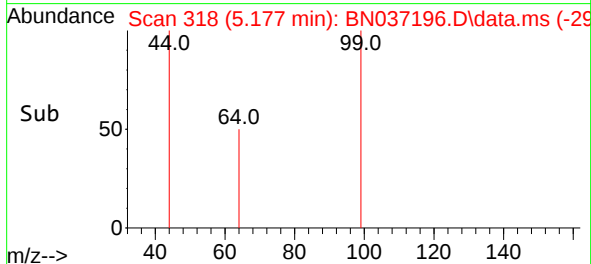
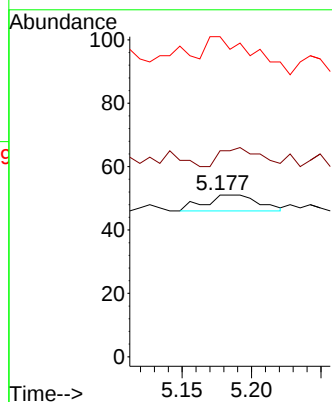
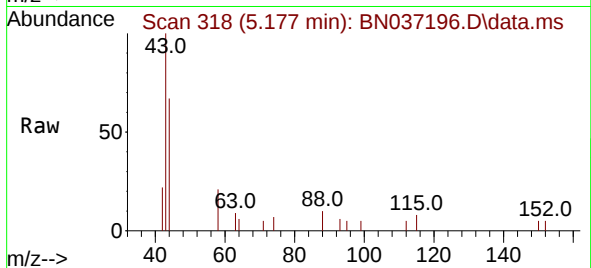




#4
2-Fluorophenol
Concen: 0.003 ng
RT: 5.177 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

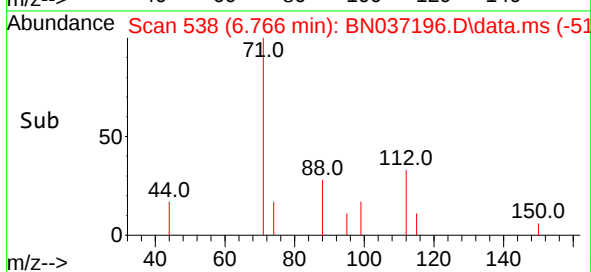
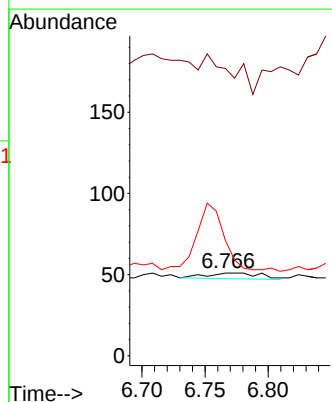
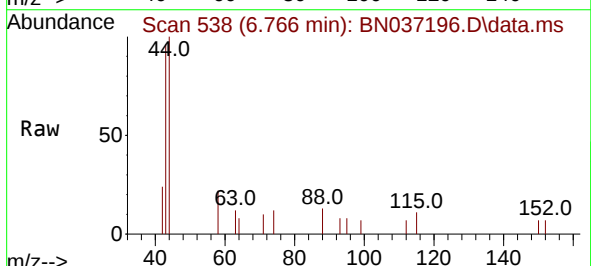
Instrument :
BNA_N
ClientSampleId :

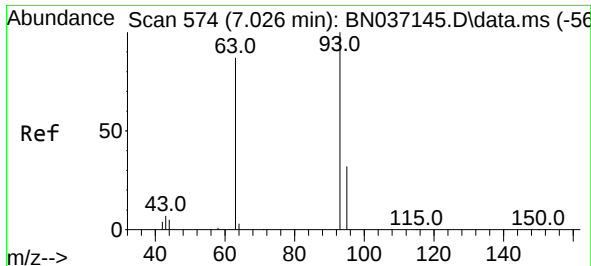
Tgt Ion:112 Resp: 13
Ion Ratio Lower Upper
112 100
64 0.0 56.3 84.5#
63 215.4 36.2 54.4#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion: 99 Resp: 11
Ion Ratio Lower Upper
99 100
42 0.0 31.3 46.9#
71 590.9 38.2 57.2#

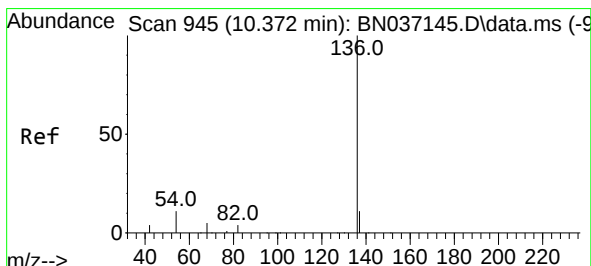
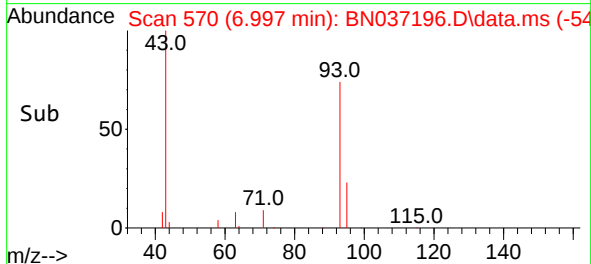
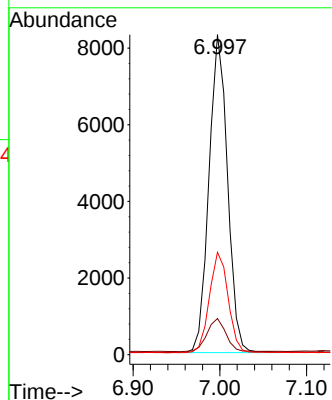
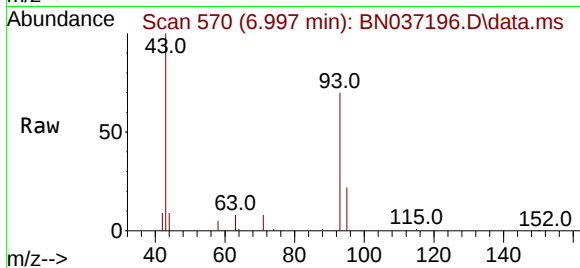




#6
bis(2-Chloroethyl)ether
Concen: 2.434 ng
RT: 6.997 min Scan# 574
Delta R.T. -0.029 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

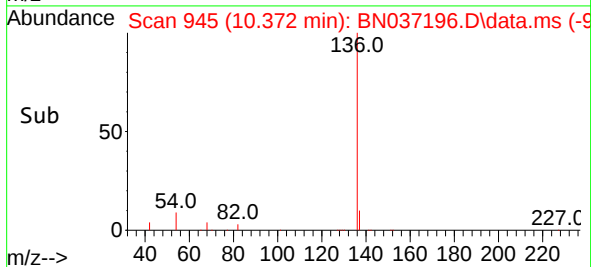
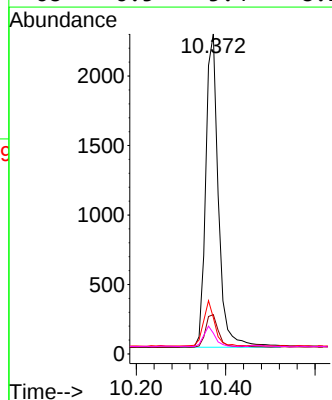
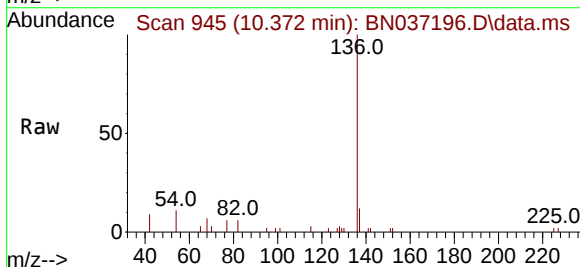
Instrument :
BNA_N
ClientSampleId :

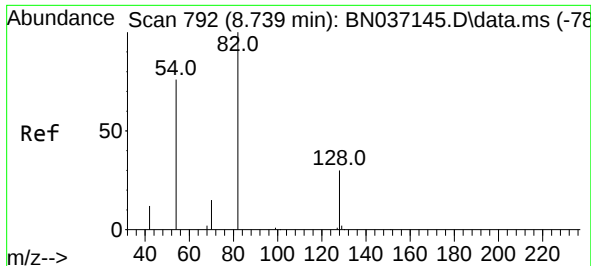
Tgt Ion: 93 Resp: 12329
Ion Ratio Lower Upper
93 100
63 10.6 68.6 103.0#
95 32.0 24.3 36.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

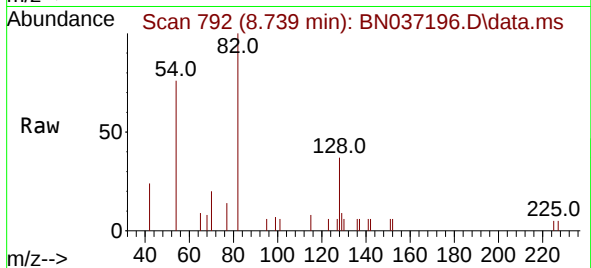
Tgt Ion:136 Resp: 4440
Ion Ratio Lower Upper
136 100
137 12.3 9.7 14.5
54 11.4 9.7 14.5
68 6.5 5.4 8.2



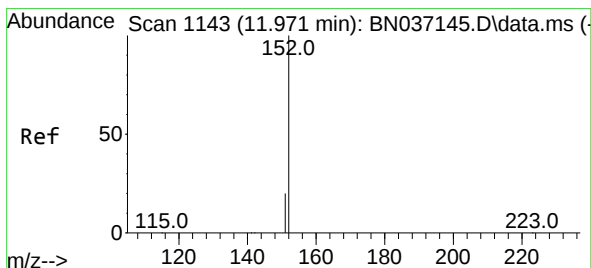
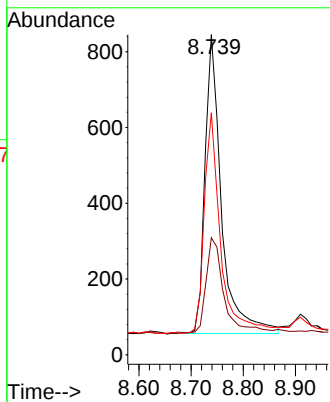
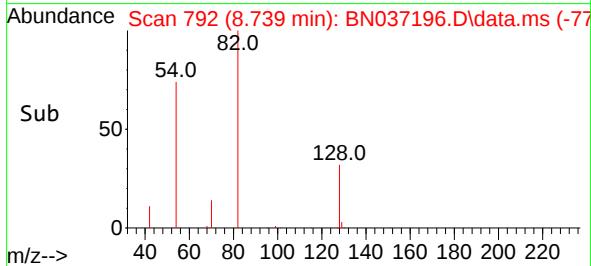


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :

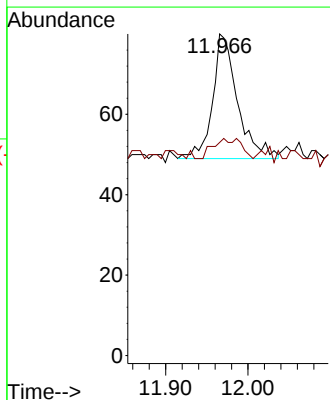
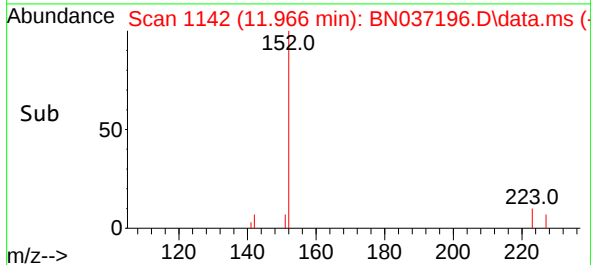
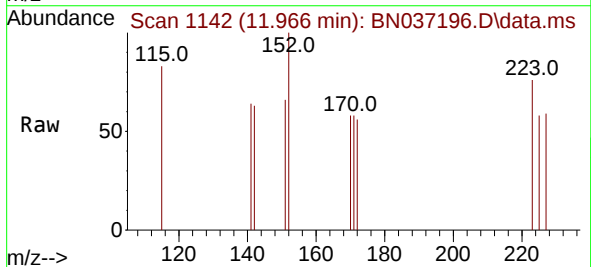


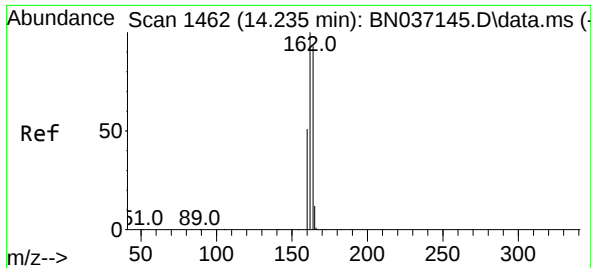
Tgt Ion: 82 Resp: 1739
Ion Ratio Lower Upper
82 100
128 36.6 26.9 40.3
54 75.6 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.011 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

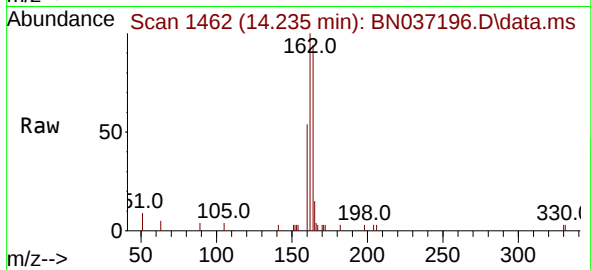
Tgt Ion:152 Resp: 65
Ion Ratio Lower Upper
152 100
151 20.0 17.1 25.7



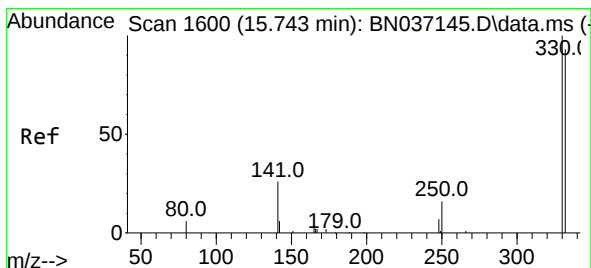
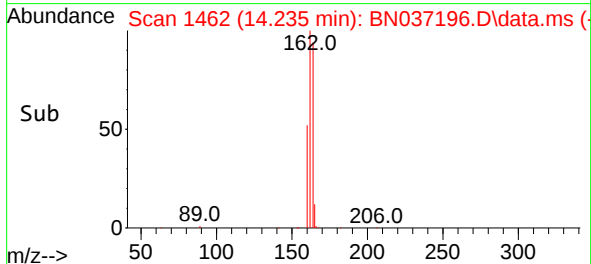
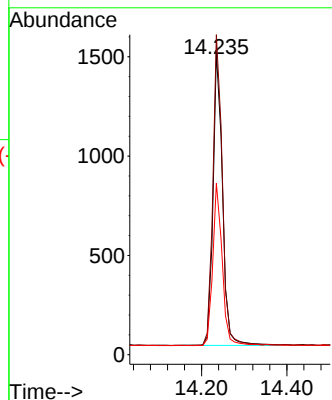


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :

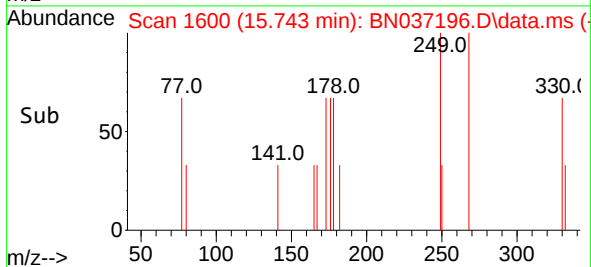
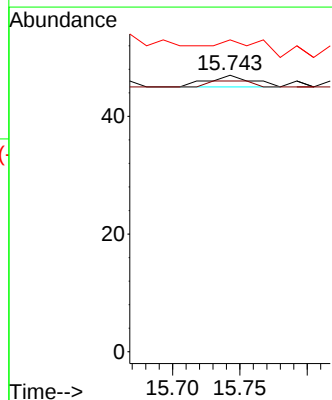
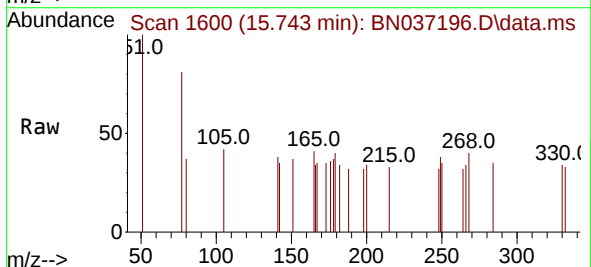


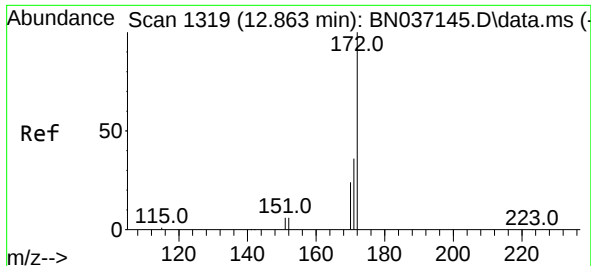
Tgt Ion:164 Resp: 2270
Ion Ratio Lower Upper
164 100
162 106.0 85.5 128.3
160 56.8 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:330 Resp: 4
Ion Ratio Lower Upper
330 100
332 50.0 77.1 115.7#
141 175.0 46.4 69.6#

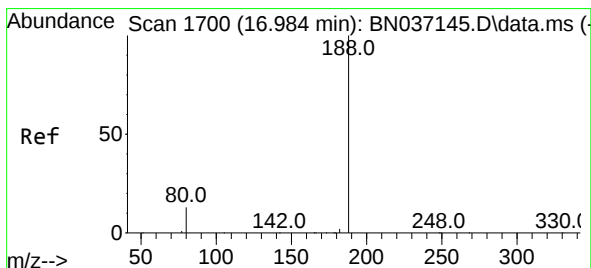
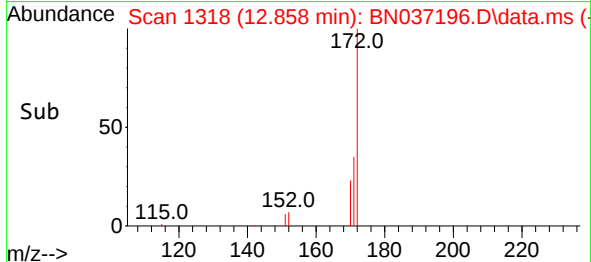
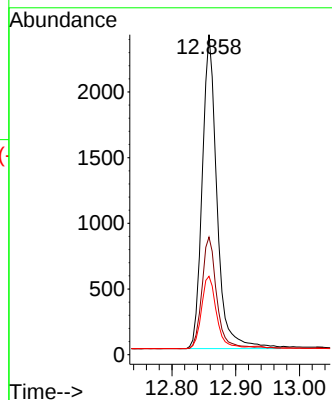
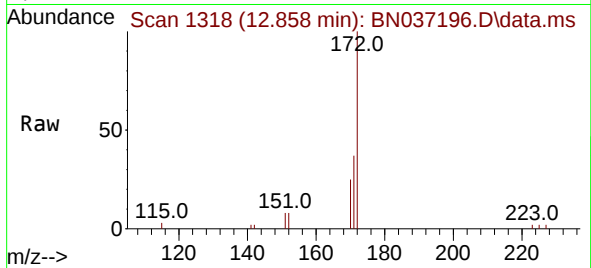




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

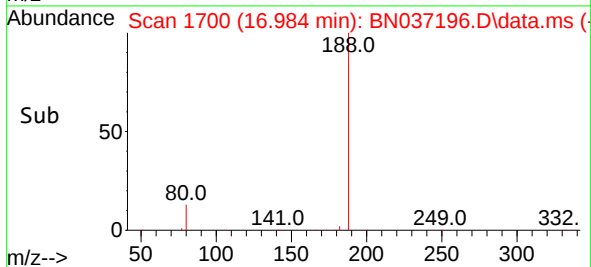
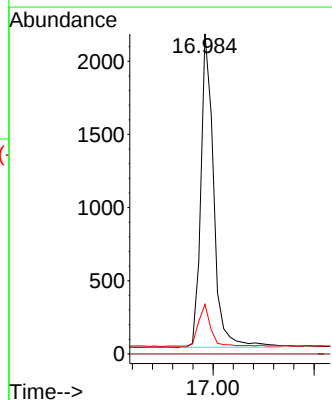
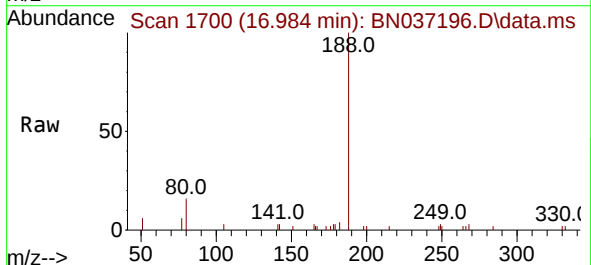
Instrument :
BNA_N
ClientSampleId :

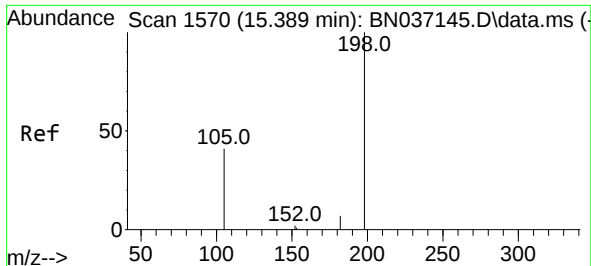
Tgt Ion:172 Resp: 3851
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Tgt Ion:188 Resp: 3800
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 11.3 16.9

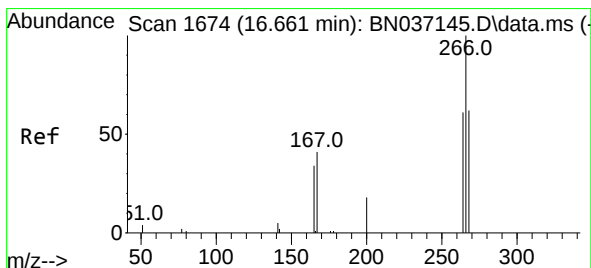
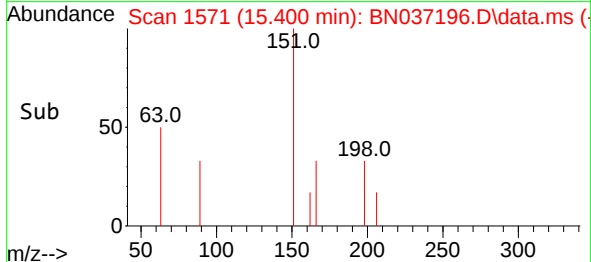
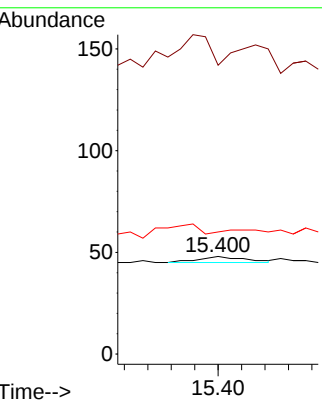
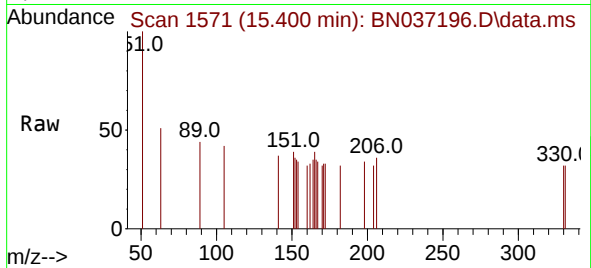




#20
4,6-Dinitro-2-methylphenol
Concen: 0.281 ng
RT: 15.400 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

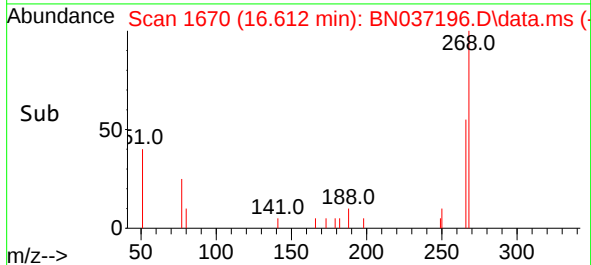
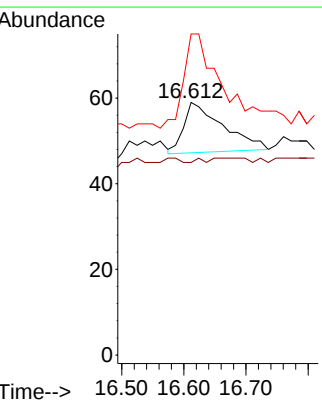
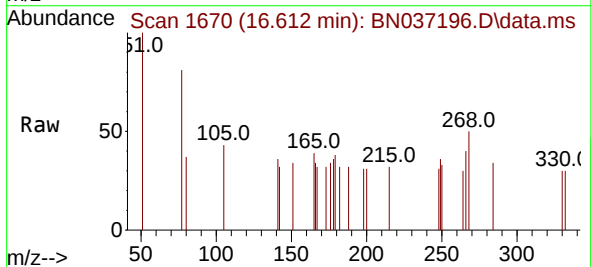
Instrument :
BNA_N
ClientSampleId :

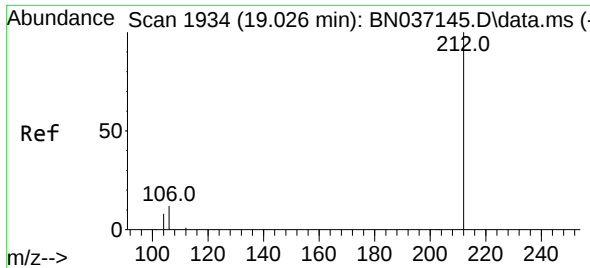
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 295.8 125.2 187.8#
105 125.0 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.248 ng
RT: 16.612 min Scan# 1670
Delta R.T. -0.049 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

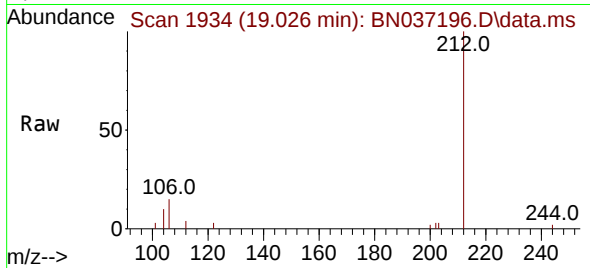
Tgt Ion:266 Resp: 52
Ion Ratio Lower Upper
266 100
264 7.7 49.3 73.9#
268 194.2 49.0 73.4#



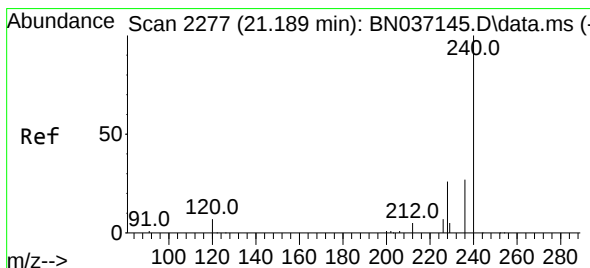
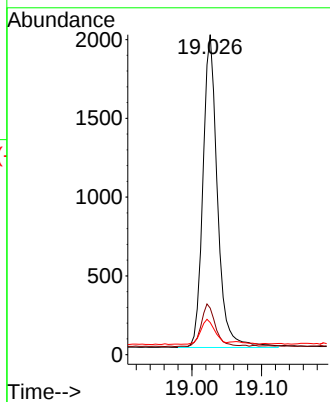
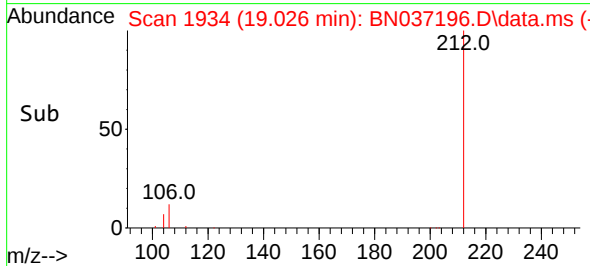


#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

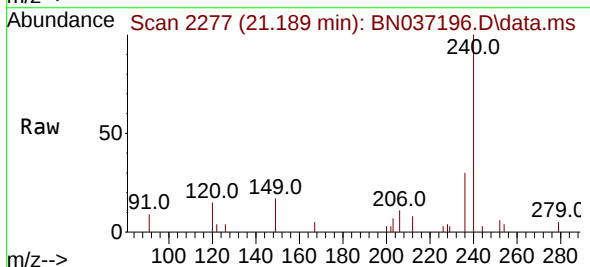
Instrument :
BNA_N
ClientSampleId :



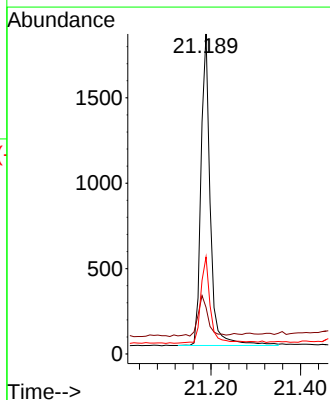
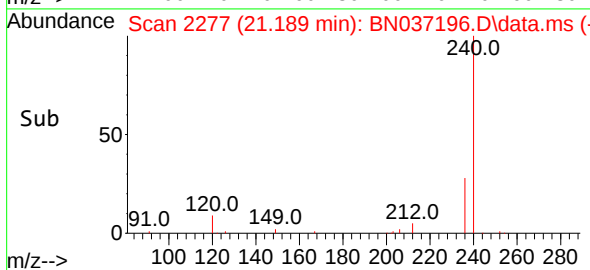
Tgt Ion:212 Resp: 2870
Ion Ratio Lower Upper
212 100
106 13.3 10.6 15.8
104 7.8 6.6 9.8

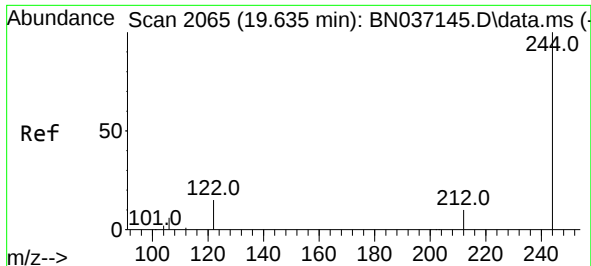


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39



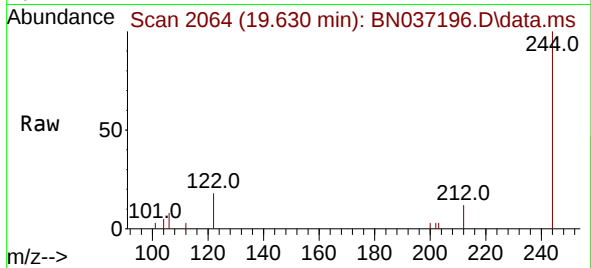
Tgt Ion:240 Resp: 2625
Ion Ratio Lower Upper
240 100
120 14.6 9.0 13.4#
236 30.3 23.0 34.4



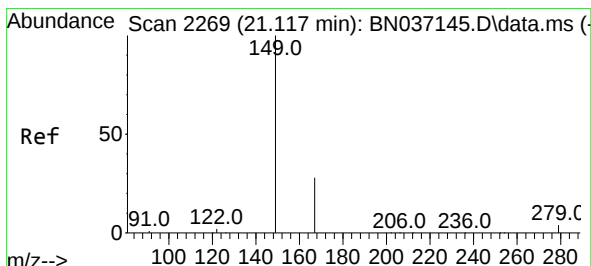
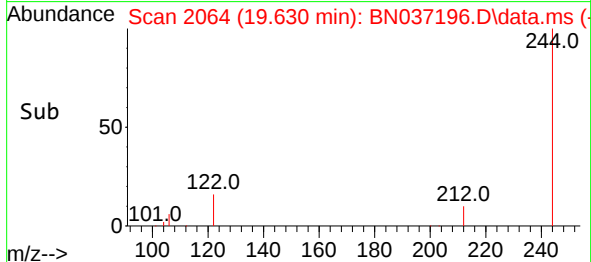
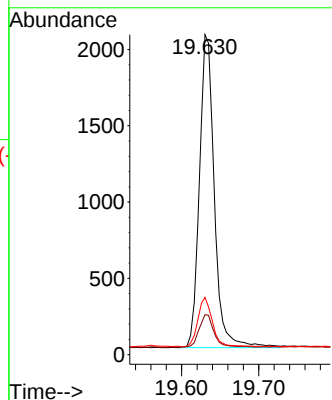


#31
 Terphenyl-d14
 Concen: 0.447 ng
 RT: 19.630 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN037196.D
 Acq: 09 Jun 2025 17:39

Instrument :
 BNA_N
 ClientSampleId :

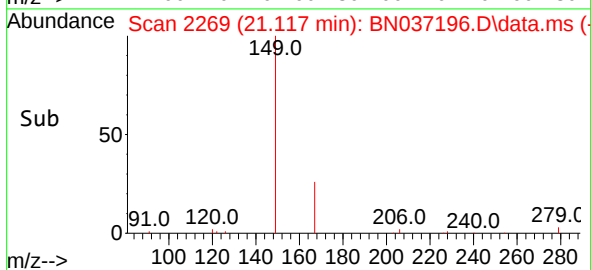
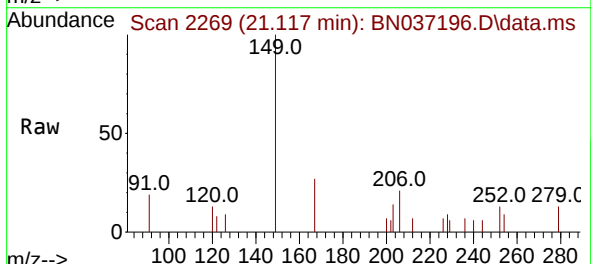
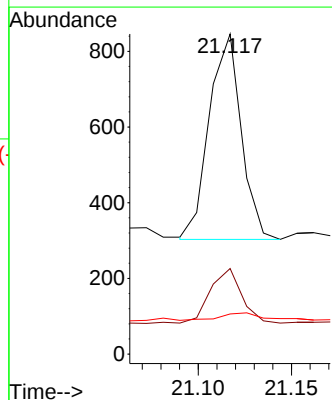


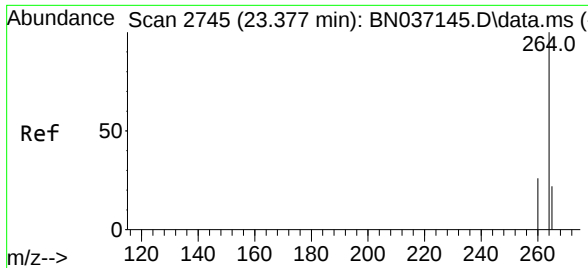
Tgt Ion:	244	Resp:	2765
Ion Ratio	Lower	Upper	
244	100		
212	12.5	10.0	15.0
122	17.9	13.2	19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.117 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BN037196.D
 Acq: 09 Jun 2025 17:39

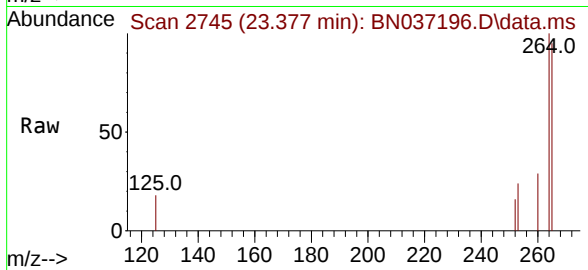
Tgt Ion:	149	Resp:	647
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	5.1	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037196.D
Acq: 09 Jun 2025 17:39

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	2435
Ion	Ratio	Lower	Upper
264	100		
260	29.0	22.1	33.1
265	94.9	55.8	83.8

