

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037210.D
 Acq On : 10 Jun 2025 02:49
 Operator : RC/JU
 Sample : Q2250-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 10 04:06:05 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)

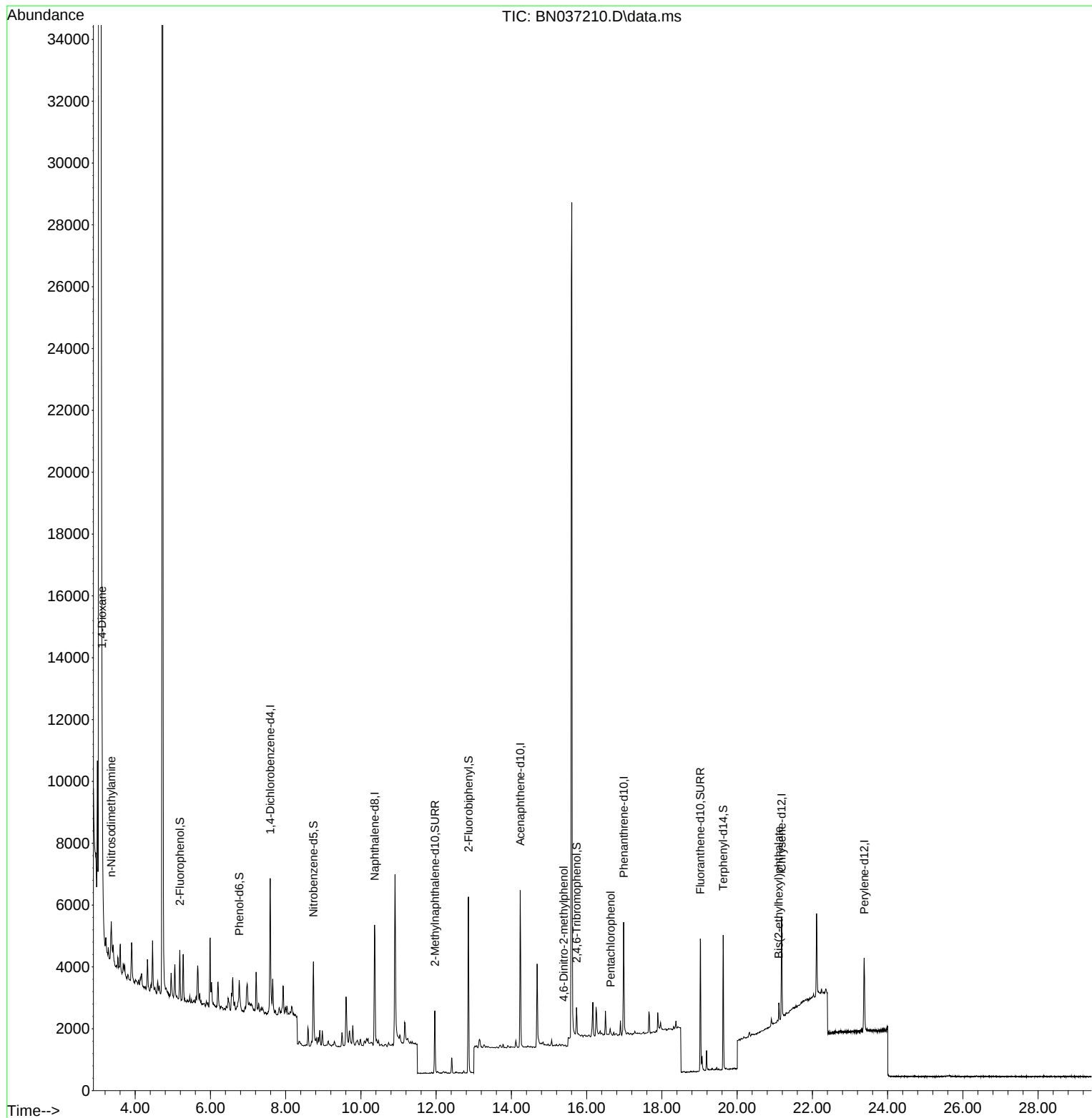
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1975	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5099	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2655	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4633	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3167	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3104	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1003	0.205	ng	0.00
5) Phenol-d6	6.766	99	706	0.119	ng	0.00
8) Nitrobenzene-d5	8.739	82	2235	0.415	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2730	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	460	0.430	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4957	0.438	ng	0.00
27) Fluoranthene-d10	19.021	212	4756	0.404	ng	0.00
31) Terphenyl-d14	19.630	244	4038	0.542	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	206	0.078	ng	# 1
3) n-Nitrosodimethylamine	3.364	42	678	0.128	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.389	198	3	0.277	ng	# 1
24) Pentachlorophenol	16.636	266	13	0.222	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.108	149	558	0.077	ng	# 95

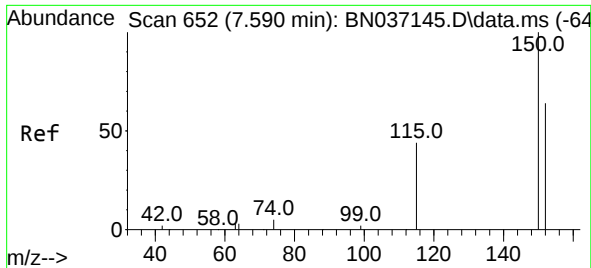
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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BNA_N
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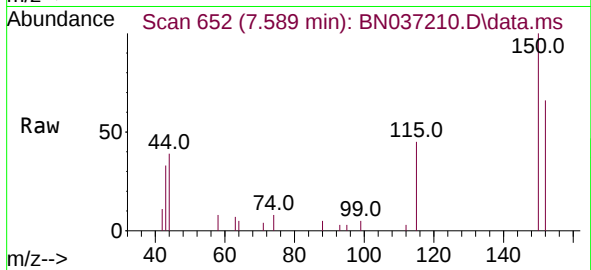
Quant Time: Jun 10 04:06:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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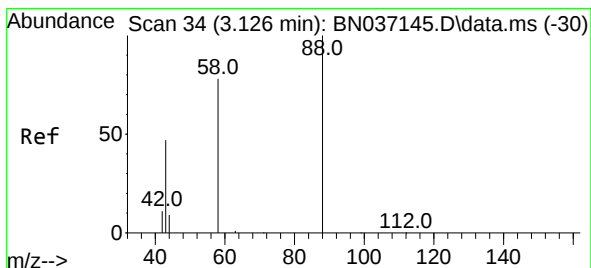
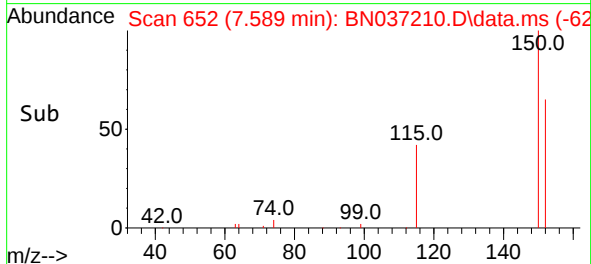
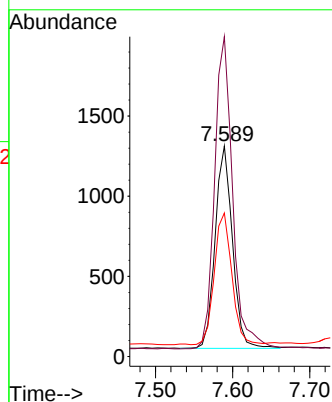


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Instrument :
 BNA_N
 ClientSampleId :

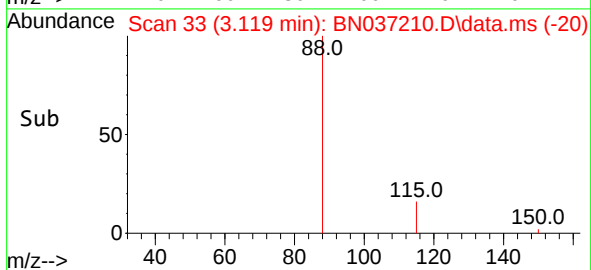
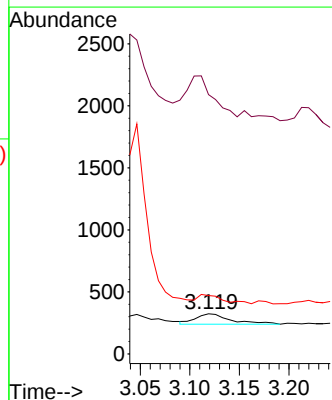
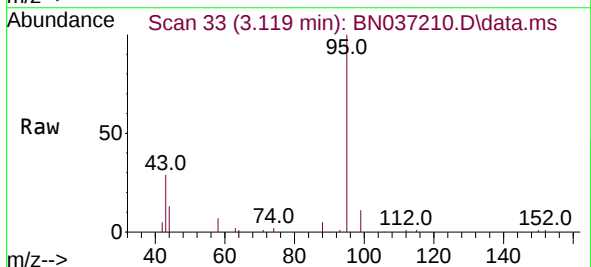


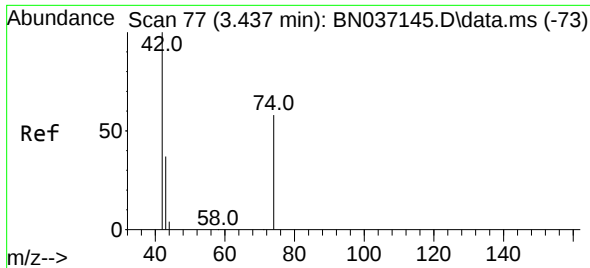
Tgt Ion:152 Resp: 1975
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.2 184.8
 115 68.2 56.6 85.0



#2
 1,4-Dioxane
 Concen: 0.078 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Tgt Ion: 88 Resp: 206
 Ion Ratio Lower Upper
 88 100
 43 411.2 43.5 65.3#
 58 58.3 67.7 101.5#

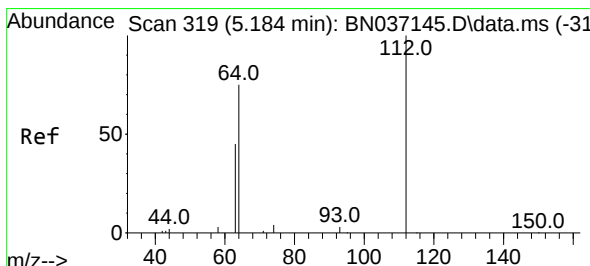
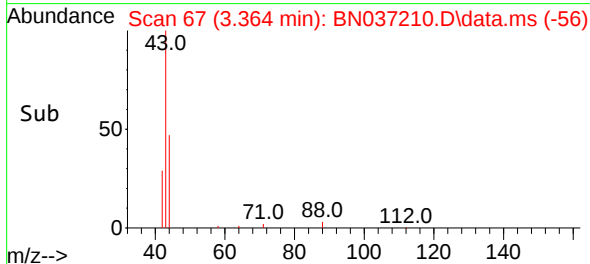
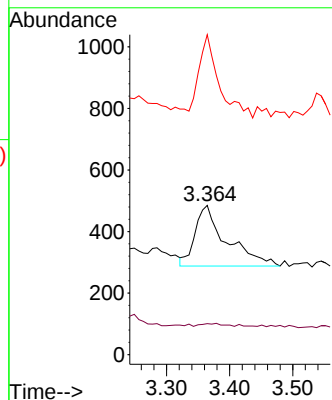
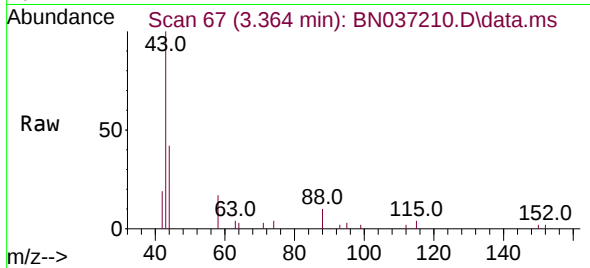




#3
 n-Nitrosodimethylamine
 Concen: 0.128 ng
 RT: 3.364 min Scan# 61
 Delta R.T. -0.072 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

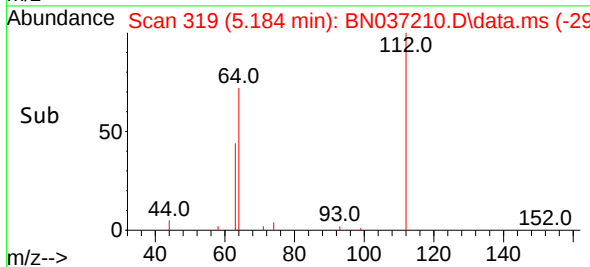
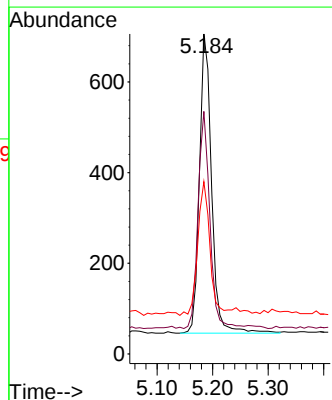
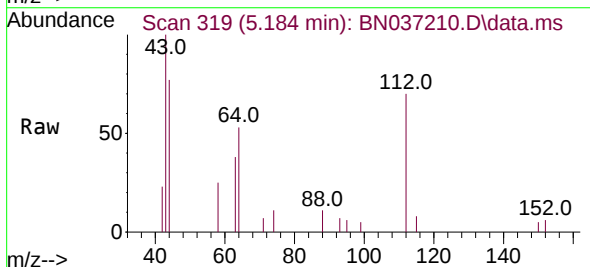
Instrument :
 BNA_N
 ClientSampleId :

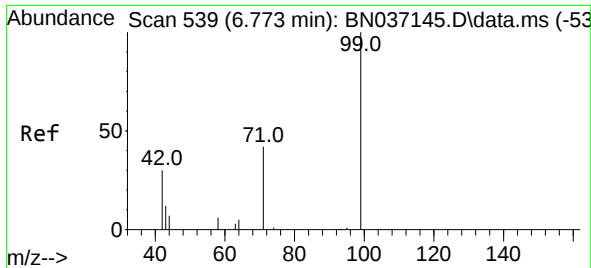
Tgt Ion: 42 Resp: 678
 Ion Ratio Lower Upper
 42 100
 74 3.1 53.0 79.4#
 44 88.3 5.9 8.9#



#4
 2-Fluorophenol
 Concen: 0.205 ng
 RT: 5.184 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Tgt Ion: 112 Resp: 1003
 Ion Ratio Lower Upper
 112 100
 64 70.8 56.3 84.5
 63 44.8 36.2 54.4

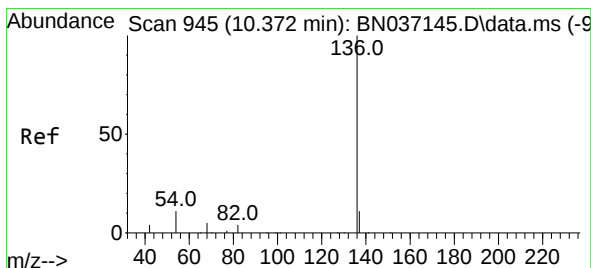
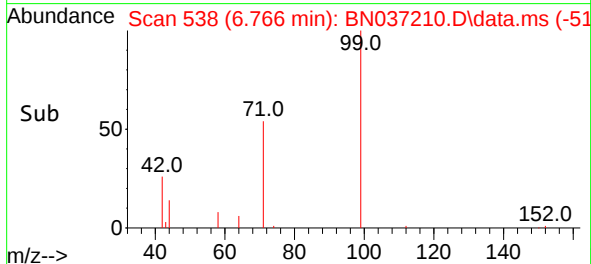
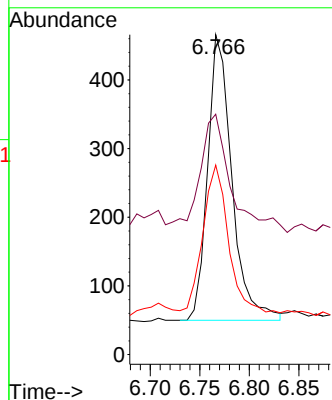
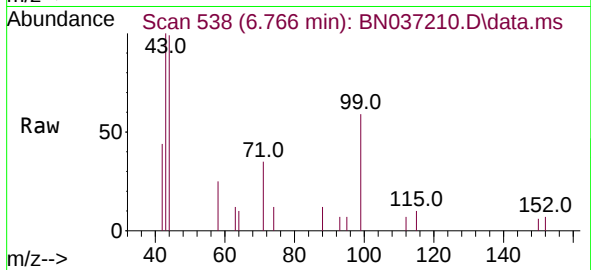




#5
Phenol-d6
Concen: 0.119 ng
RT: 6.766 min Scan# 531
Delta R.T. -0.007 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

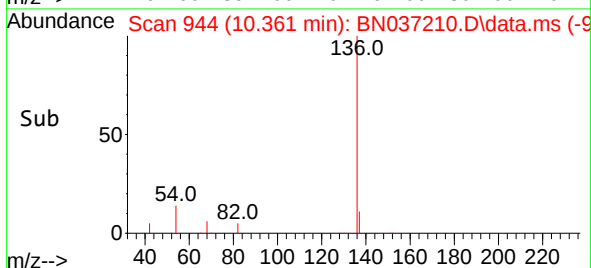
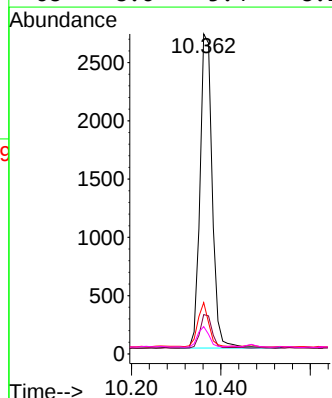
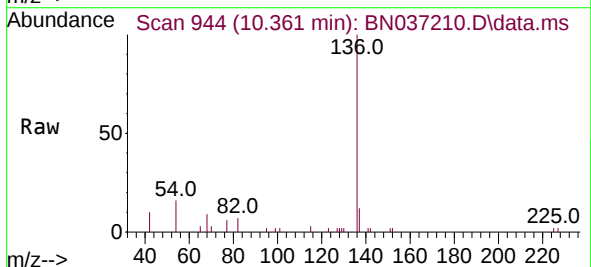
Instrument :
BNA_N
ClientSampleId :

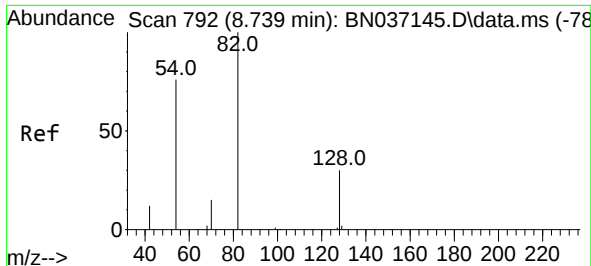
Tgt Ion: 99 Resp: 706
Ion Ratio Lower Upper
99 100
42 52.7 31.3 46.9#
71 54.8 38.2 57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

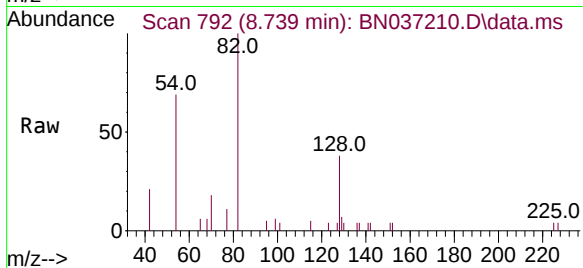
Tgt Ion: 136 Resp: 5099
Ion Ratio Lower Upper
136 100
137 12.3 9.7 14.5
54 16.0 9.7 14.5#
68 8.6 5.4 8.2#



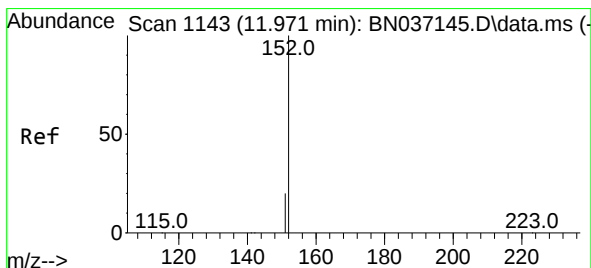
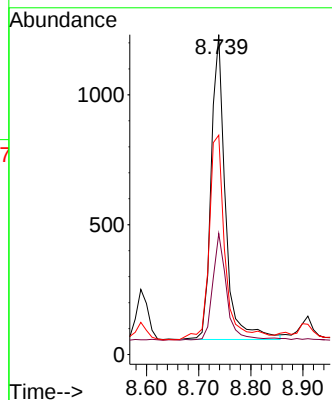
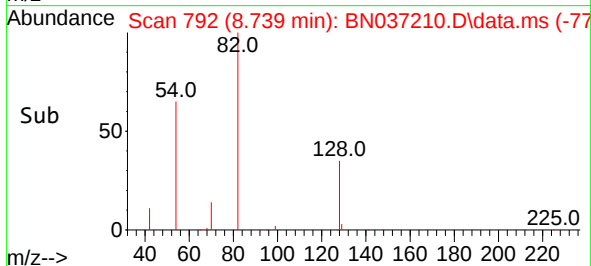


#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Instrument :
BNA_N
ClientSampleId :

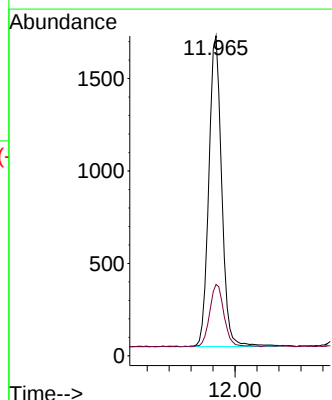
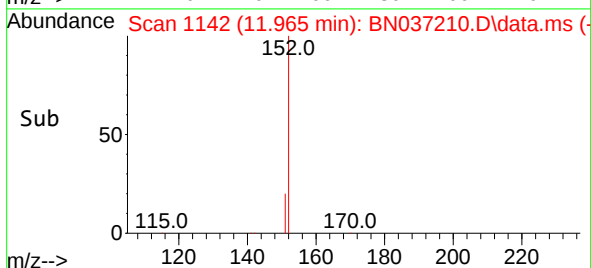
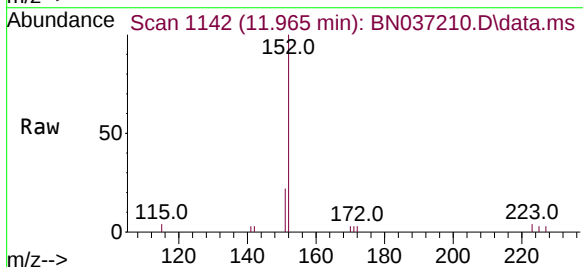


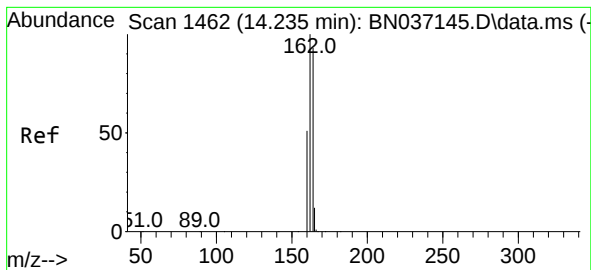
Tgt Ion: 82 Resp: 2235
Ion Ratio Lower Upper
82 100
128 37.8 26.9 40.3
54 68.6 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion: 152 Resp: 2730
Ion Ratio Lower Upper
152 100
151 22.2 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.234 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BN037210.D

Acq: 10 Jun 2025 02:49

Instrument :

BNA_N

ClientSampleId :

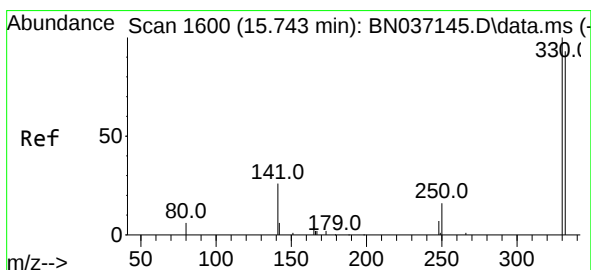
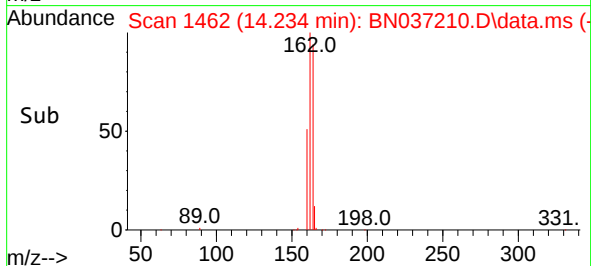
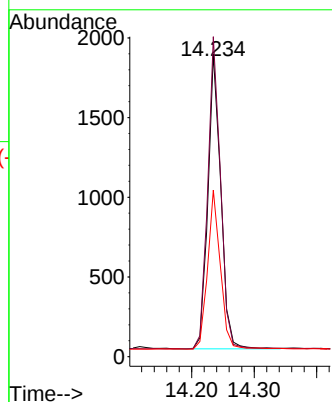
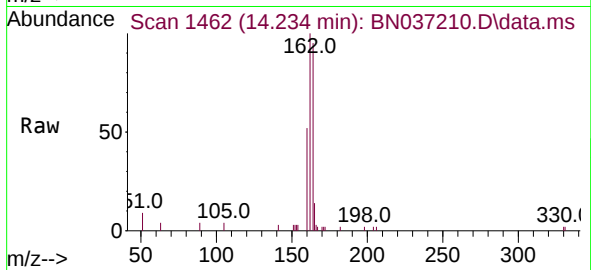
Tgt Ion:164 Resp: 2655

Ion	Ratio	Lower	Upper
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164	100		
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162	105.8	85.5	128.3
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160	55.1	44.6	67.0
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#14

2,4,6-Tribromophenol

Concen: 0.430 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.013 min

Lab File: BN037210.D

Acq: 10 Jun 2025 02:49

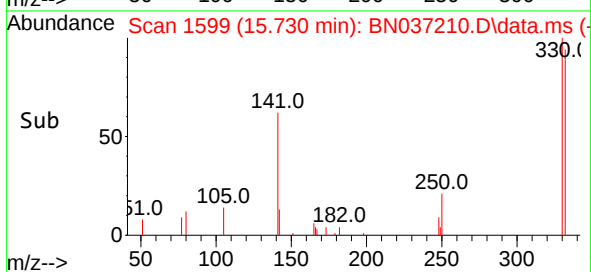
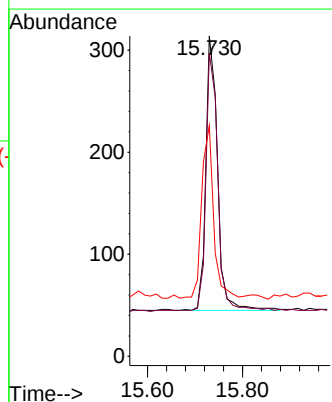
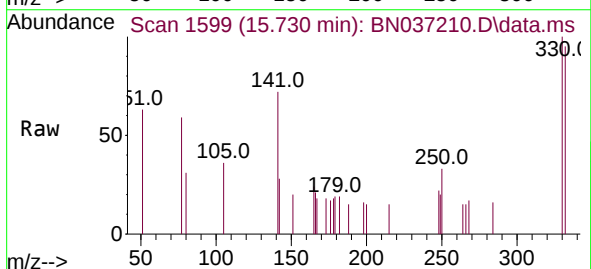
Tgt Ion:330 Resp: 460

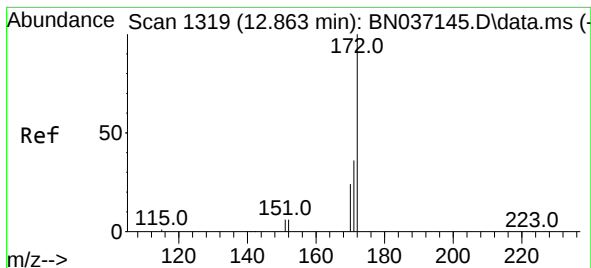
Ion	Ratio	Lower	Upper
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330	100		
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332	93.7	77.1	115.7
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141	63.3	46.4	69.6
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#15

2-Fluorobiphenyl

Concen: 0.438 ng

RT: 12.858 min Scan# 1318

Delta R.T. -0.005 min

Lab File: BN037210.D

Acq: 10 Jun 2025 02:49

Instrument :

BNA_N

ClientSampleId :

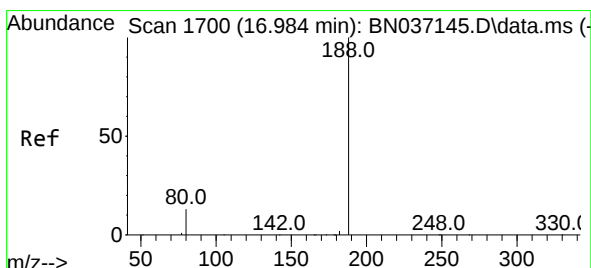
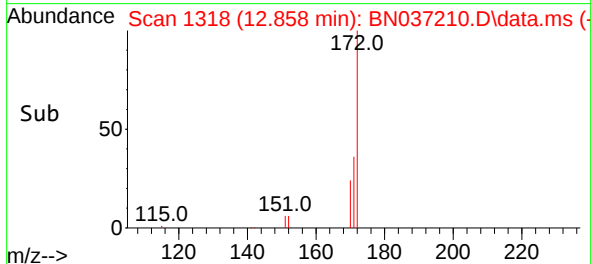
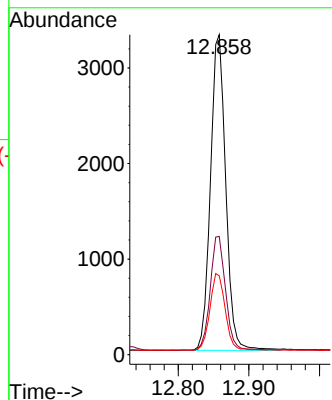
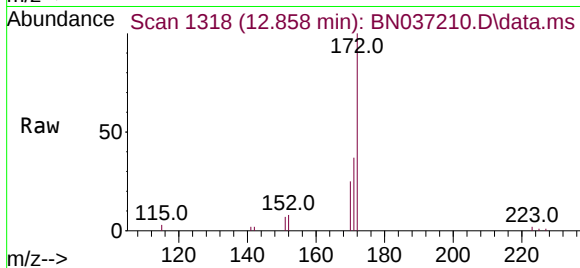
Tgt Ion:172 Resp: 4957

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 24.6 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: BN037210.D

Acq: 10 Jun 2025 02:49

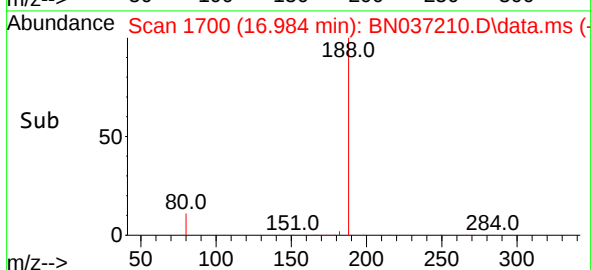
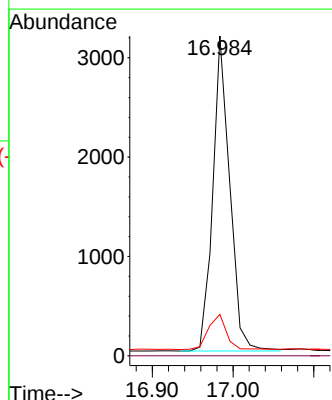
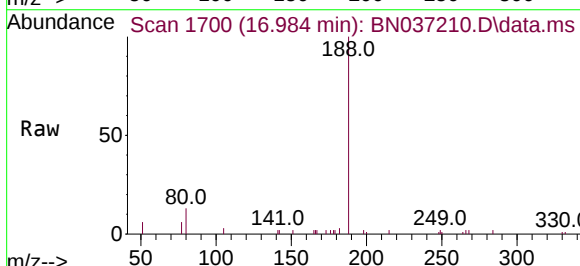
Tgt Ion:188 Resp: 4633

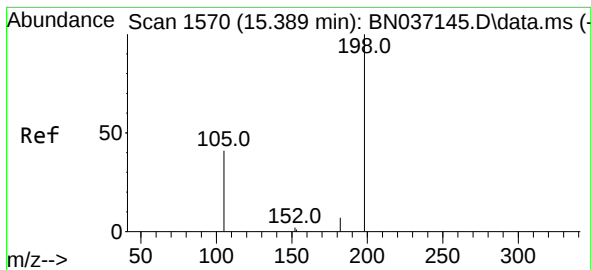
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 11.3 16.9

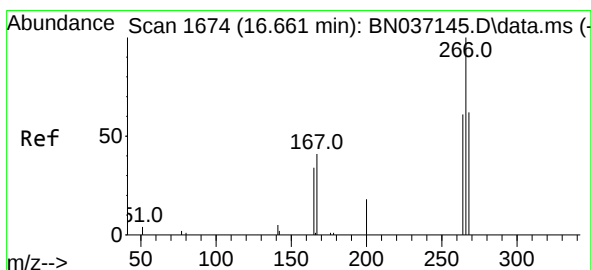
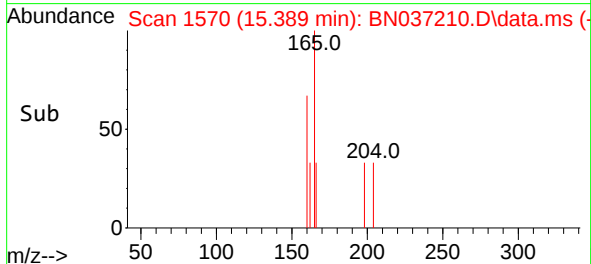
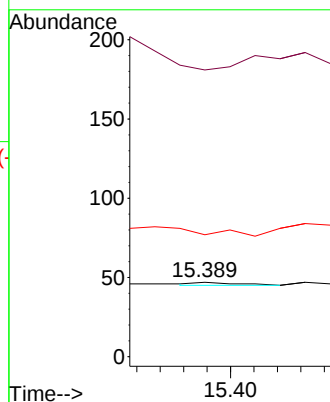
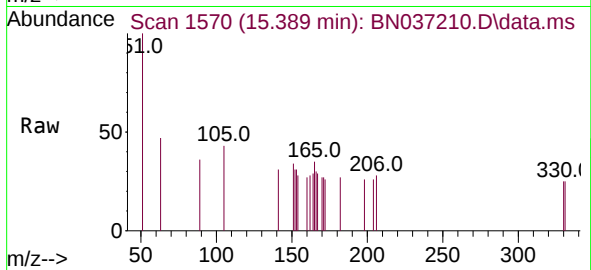




#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

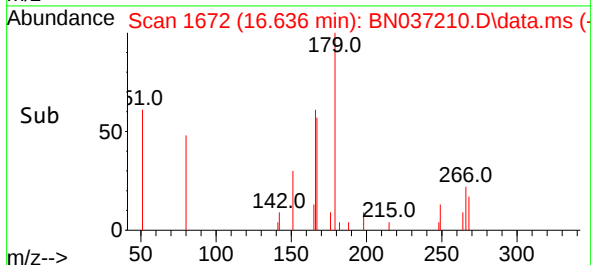
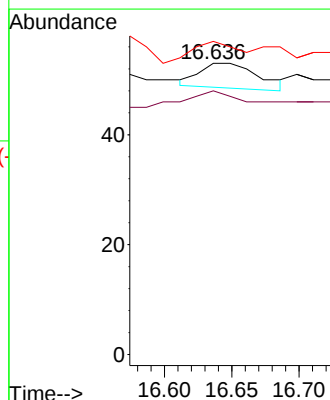
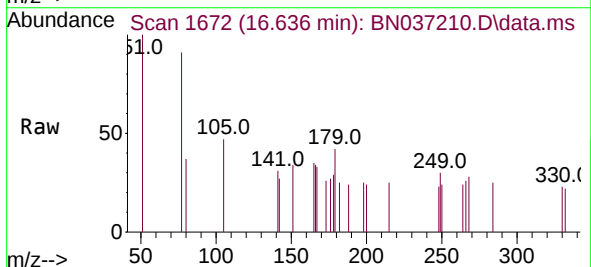
Instrument :
BNA_N
ClientSampleId :

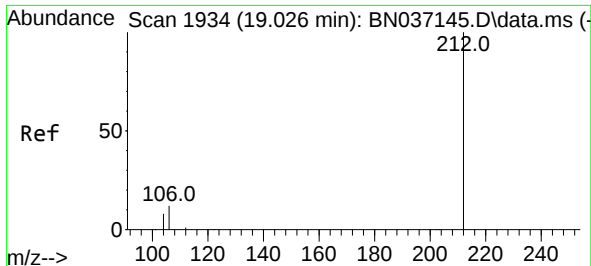
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 385.1 125.2 187.8#
105 163.8 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.222 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

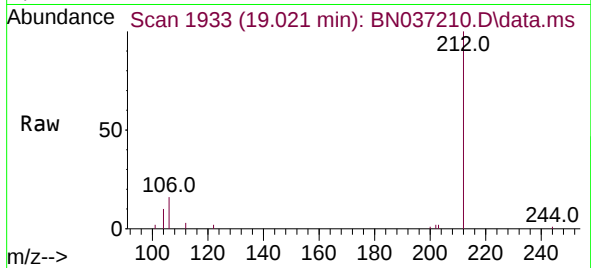
Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 84.6 49.3 73.9#
268 76.9 49.0 73.4#



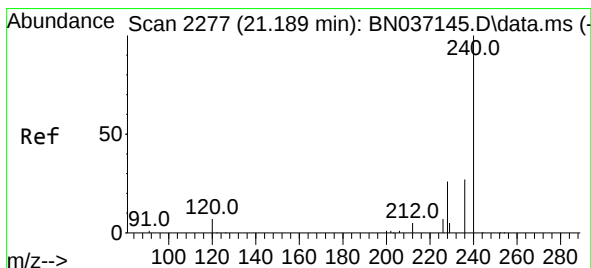
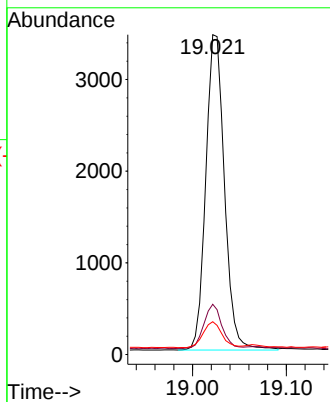
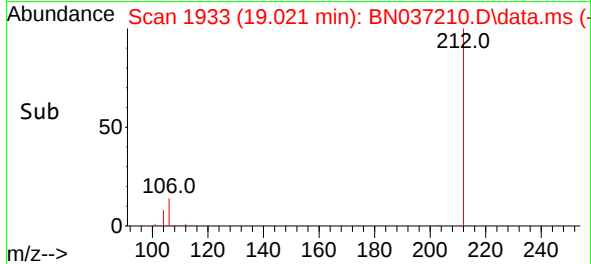


#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.021 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Instrument :
BNA_N
ClientSampleId :

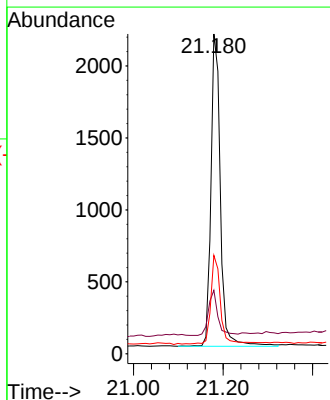
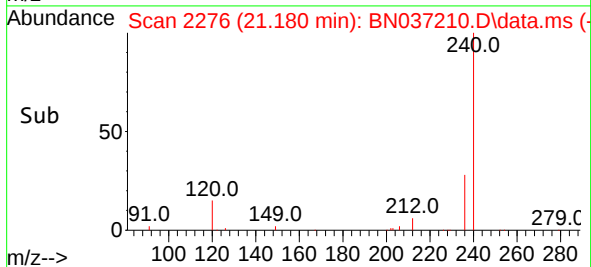
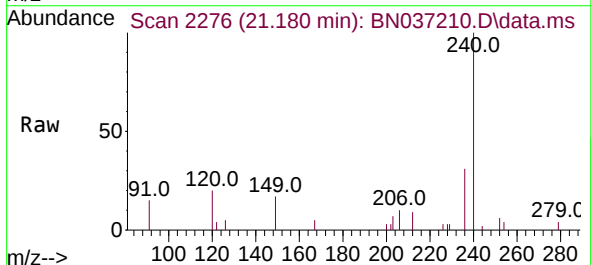


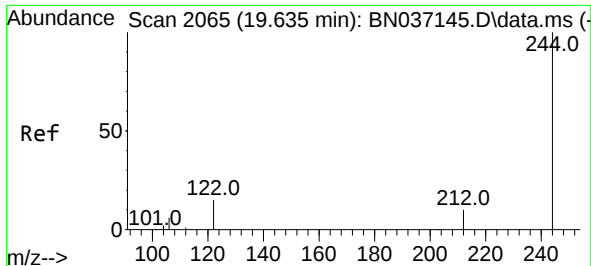
Tgt Ion:212 Resp: 4756
Ion Ratio Lower Upper
212 100
106 13.6 10.6 15.8
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

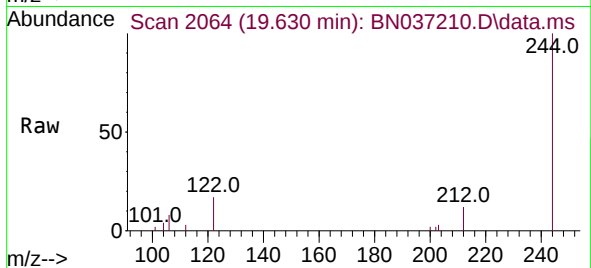
Tgt Ion:240 Resp: 3167
Ion Ratio Lower Upper
240 100
120 19.9 9.0 13.4#
236 30.8 23.0 34.4



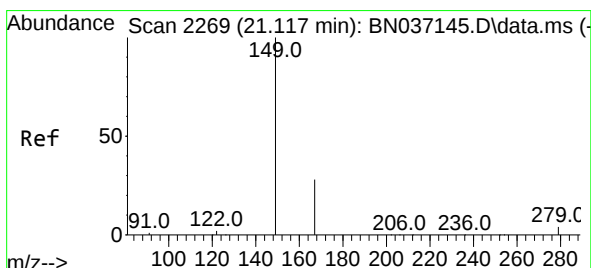
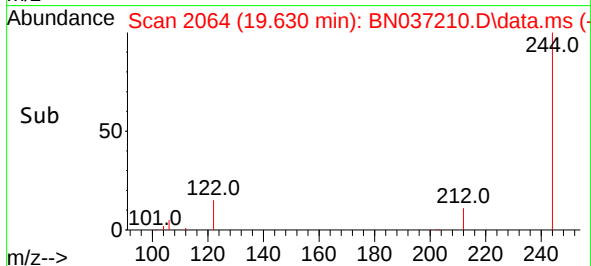
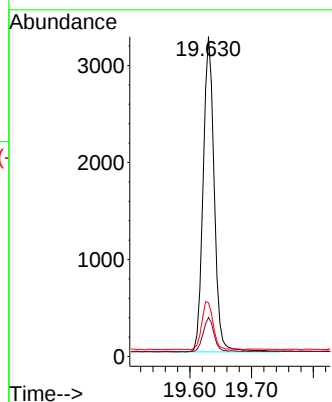


#31
 Terphenyl-d14
 Concen: 0.542 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Instrument :
 BNA_N
 ClientSampleId :

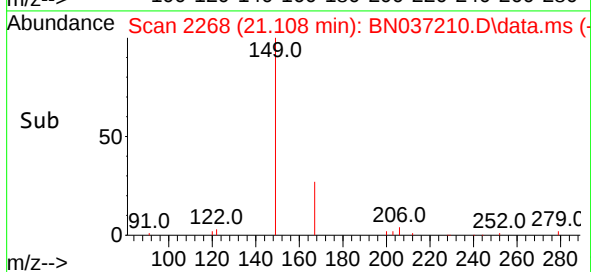
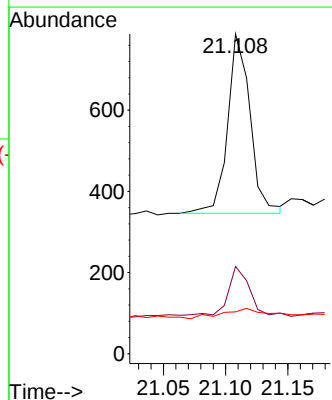
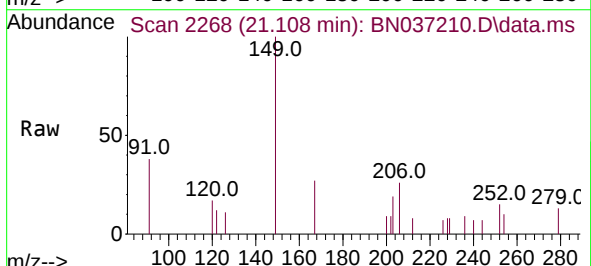


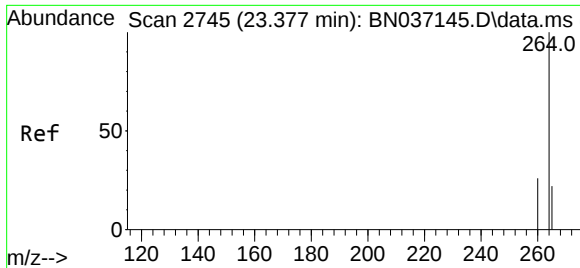
Tgt Ion:244 Resp: 4038
 Ion Ratio Lower Upper
 244 100
 212 12.2 10.0 15.0
 122 16.8 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

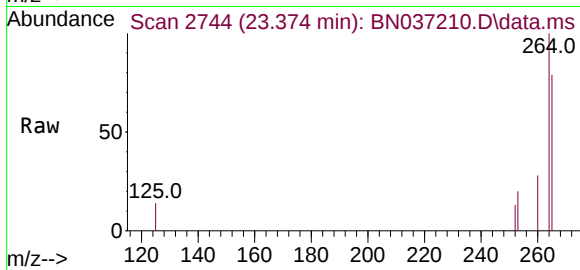
Tgt Ion:149 Resp: 558
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 13.4 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	3104
Ion Ratio	Lower	Upper	
264	100		
260	27.7	22.1	33.1
265	79.0	55.8	83.8

