

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037211.D
 Acq On : 10 Jun 2025 03:25
 Operator : RC/JU
 Sample : Q2209-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P01W

Quant Time: Jun 10 04:06:20 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)

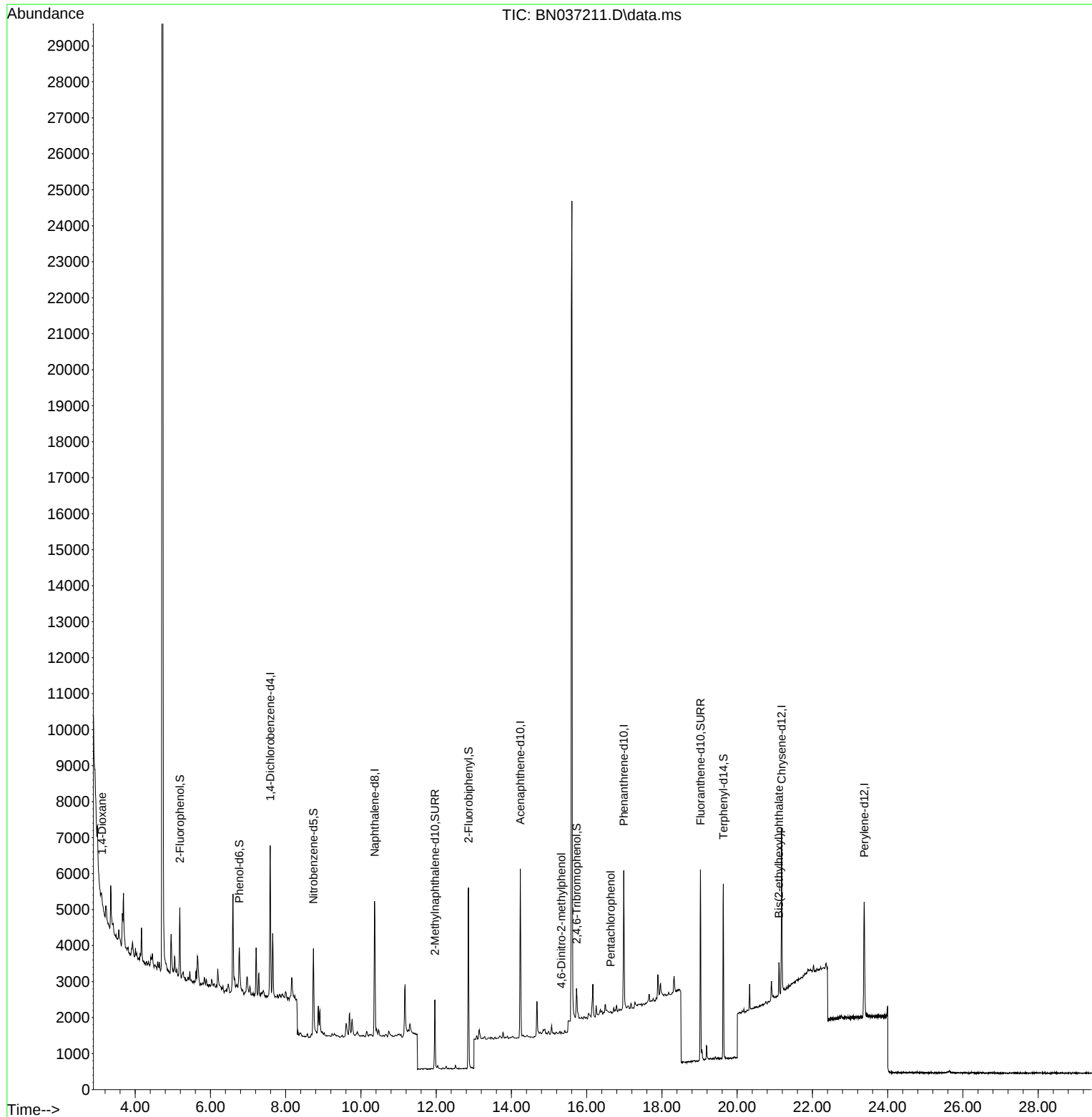
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1897	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4879	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2497	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4818	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4180	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	4091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.185	112	1194	0.255	ng	0.00
5) Phenol-d6	6.766	99	907	0.160	ng	0.00
8) Nitrobenzene-d5	8.739	82	2010	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2570	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	436	0.434	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4536	0.426	ng	0.00
27) Fluoranthene-d10	19.022	212	5720	0.467	ng	0.00
31) Terphenyl-d14	19.630	244	4444	0.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	81	0.032	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.325	198	6	0.279	ng	# 1
24) Pentachlorophenol	16.636	266	19	0.225	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.108	149	869	0.091	ng	# 94

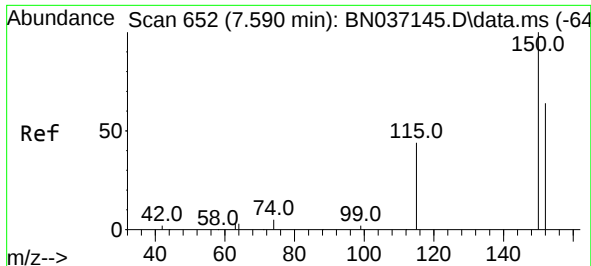
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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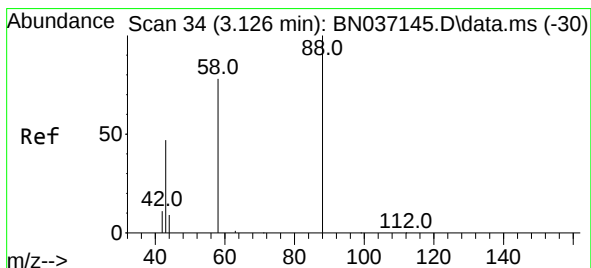
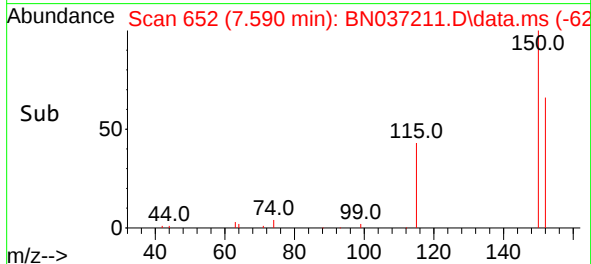
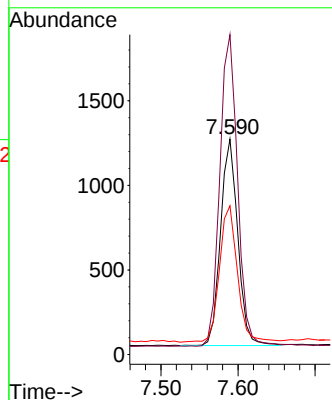
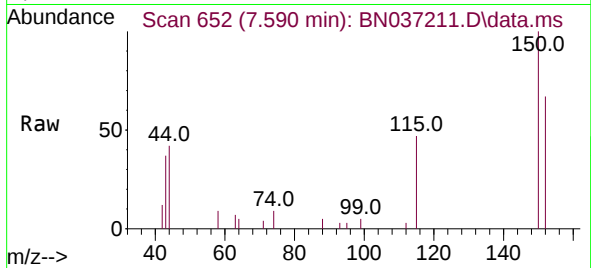




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037211.D
 Acq: 10 Jun 2025 03:25

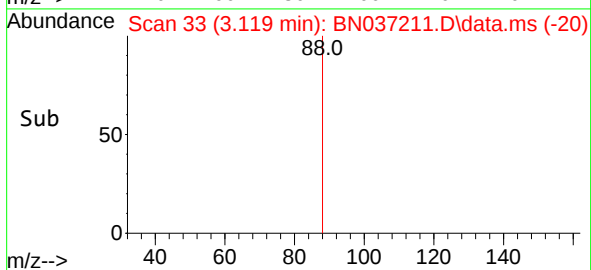
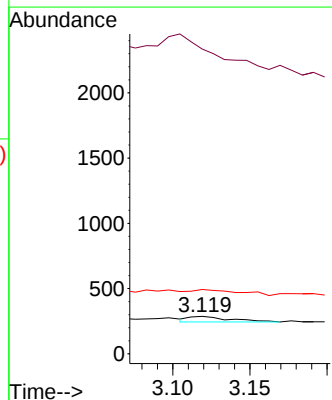
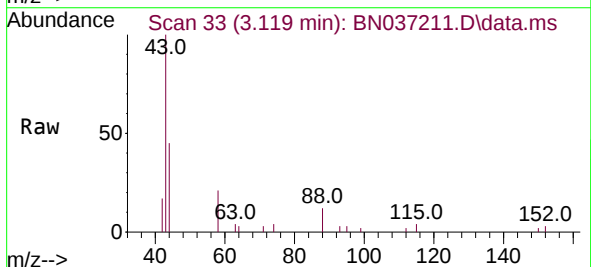
Instrument :
 BNA_N
 ClientSampleId :
 P01W

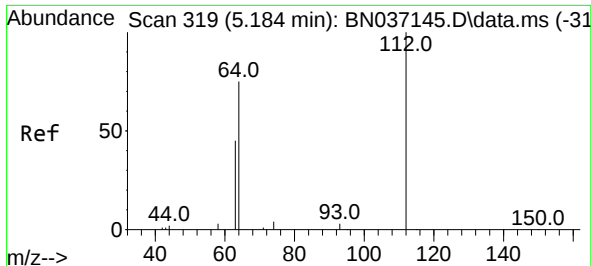
Tgt Ion:152 Resp: 1897
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.2 184.8
 115 69.1 56.6 85.0



#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037211.D
 Acq: 10 Jun 2025 03:25

Tgt Ion: 88 Resp: 81
 Ion Ratio Lower Upper
 88 100
 43 965.4 43.5 65.3#
 58 103.7 67.7 101.5#





#4

2-Fluorophenol

Concen: 0.255 ng

RT: 5.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

Instrument :

BNA_N

ClientSampleId :

P01W

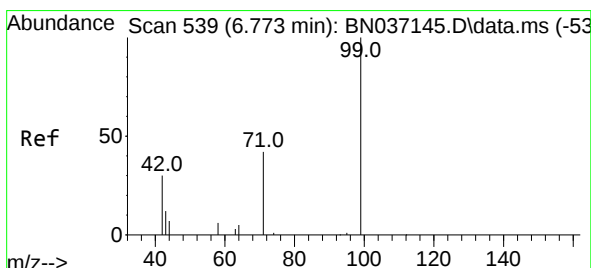
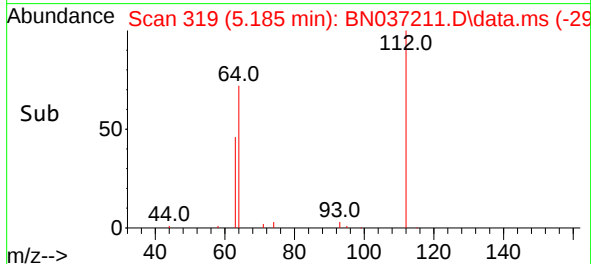
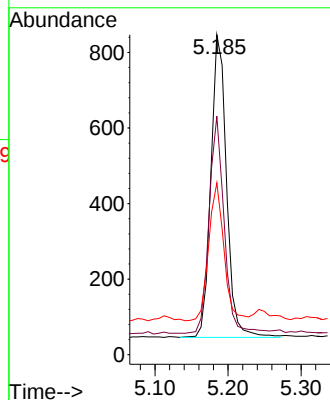
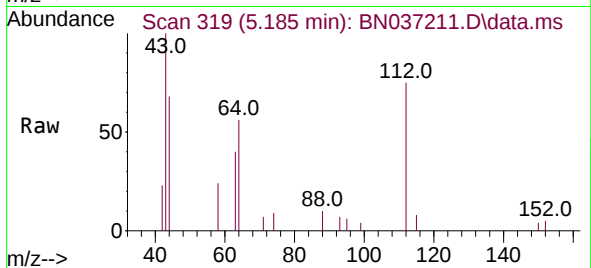
Tgt Ion:112 Resp: 1194

Ion Ratio Lower Upper

112 100

64 68.8 56.3 84.5

63 44.4 36.2 54.4



#5

Phenol-d6

Concen: 0.160 ng

RT: 6.766 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

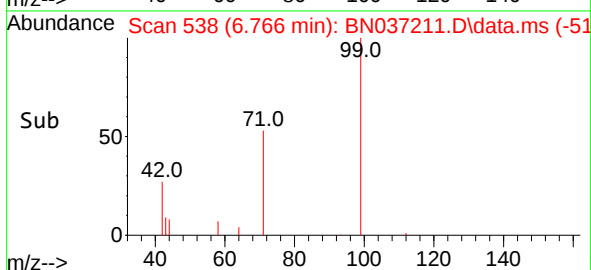
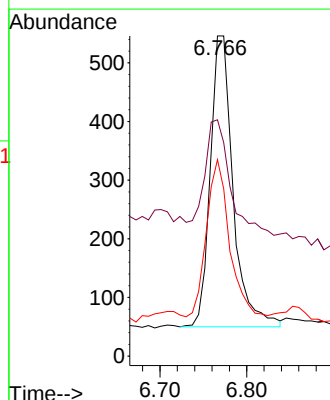
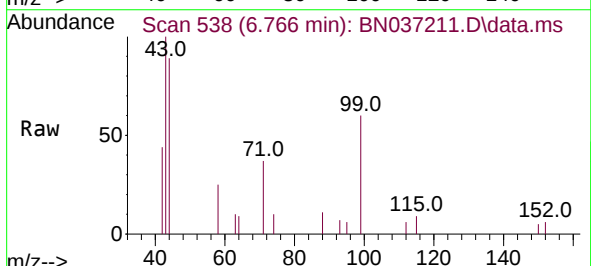
Tgt Ion: 99 Resp: 907

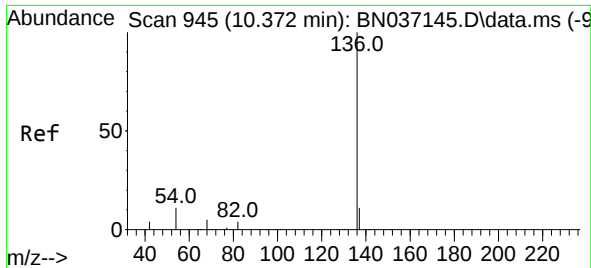
Ion Ratio Lower Upper

99 100

42 68.5 31.3 46.9#

71 57.8 38.2 57.2#

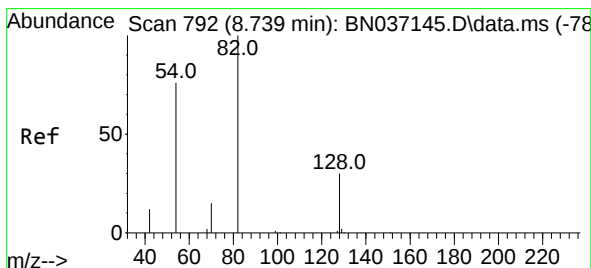
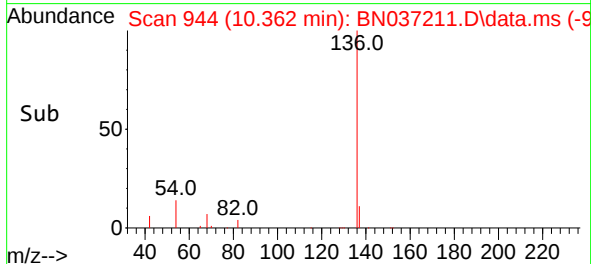
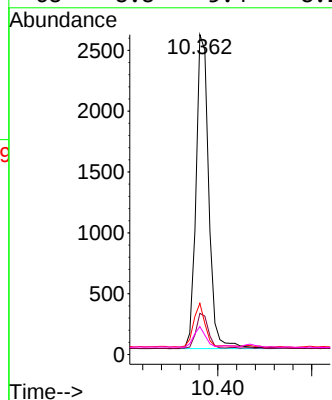
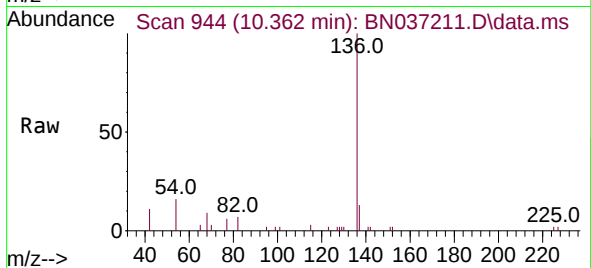




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

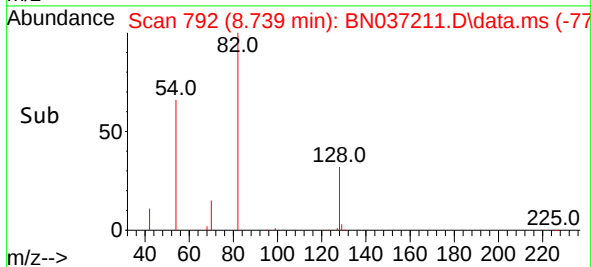
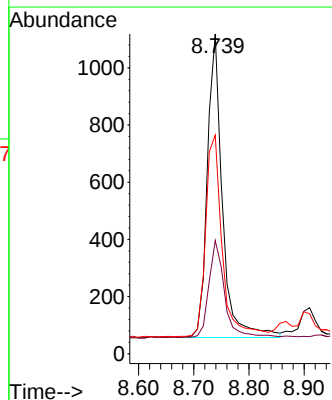
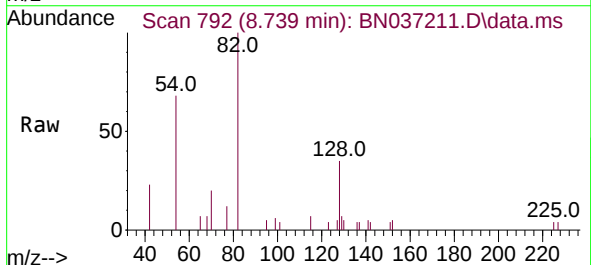
Instrument :
BNA_N
ClientSampleId :
P01W

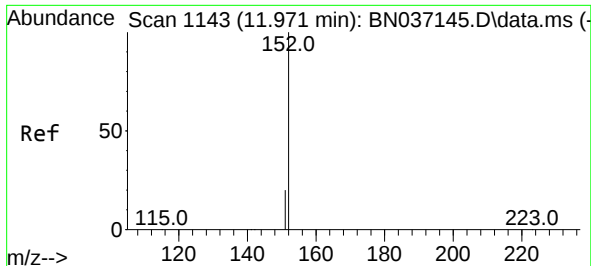
Tgt Ion:136 Resp: 4879
Ion Ratio Lower Upper
136 100
137 12.9 9.7 14.5
54 16.0 9.7 14.5#
68 8.8 5.4 8.2#



#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion: 82 Resp: 2010
Ion Ratio Lower Upper
82 100
128 35.4 26.9 40.3
54 68.4 61.4 92.2

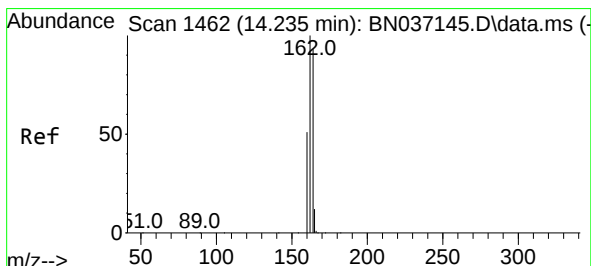
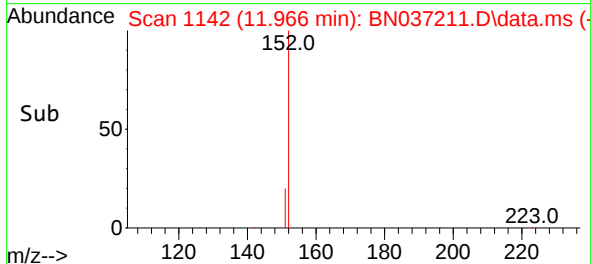
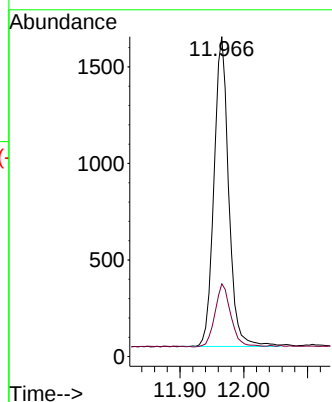
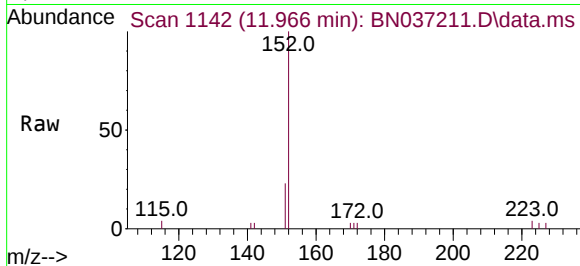




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

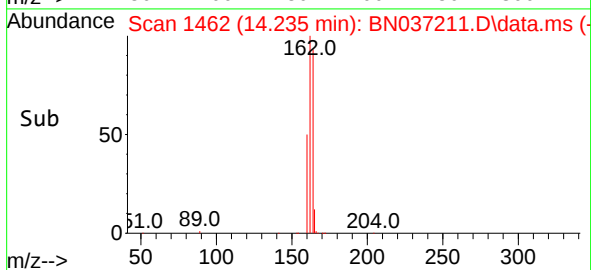
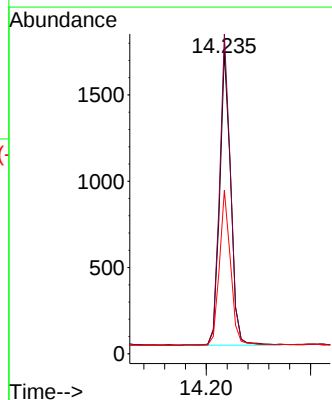
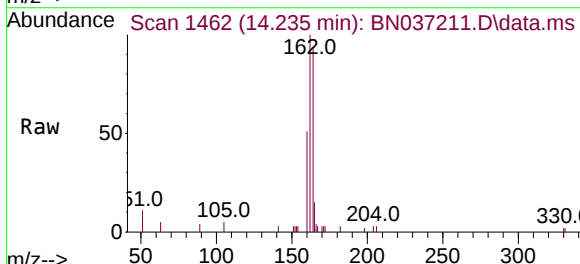
Instrument :
BNA_N
ClientSampleId :
P01W

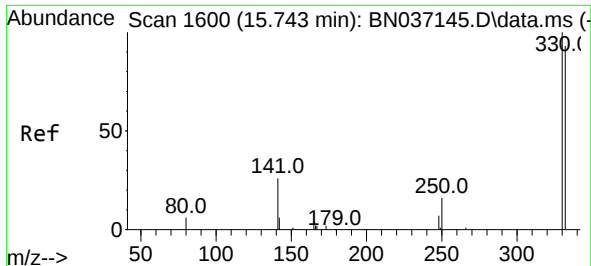
Tgt Ion:152 Resp: 2570
Ion Ratio Lower Upper
152 100
151 22.0 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:164 Resp: 2497
Ion Ratio Lower Upper
164 100
162 105.9 85.5 128.3
160 54.2 44.6 67.0

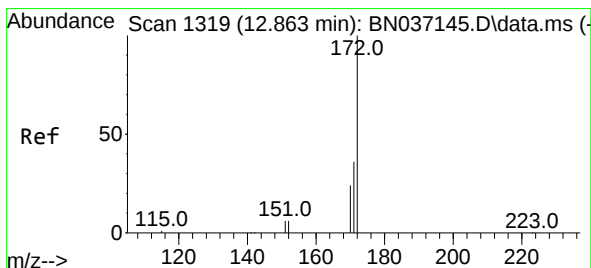
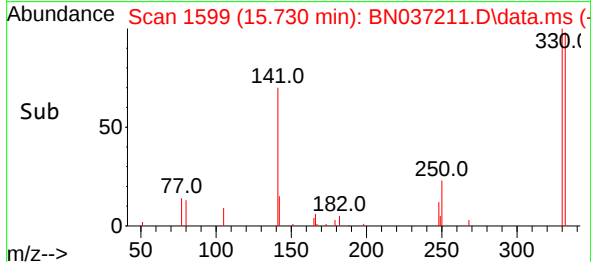
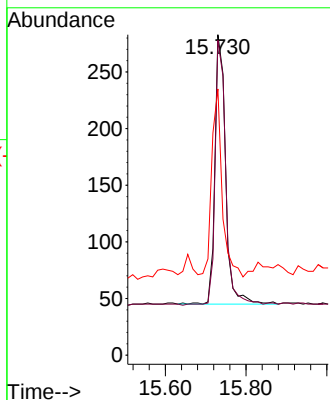
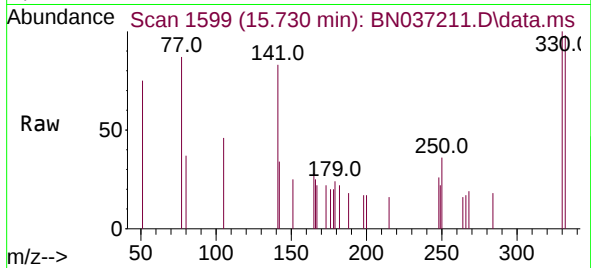




#14
 2,4,6-Tribromophenol
 Concen: 0.434 ng
 RT: 15.730 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN037211.D
 Acq: 10 Jun 2025 03:25

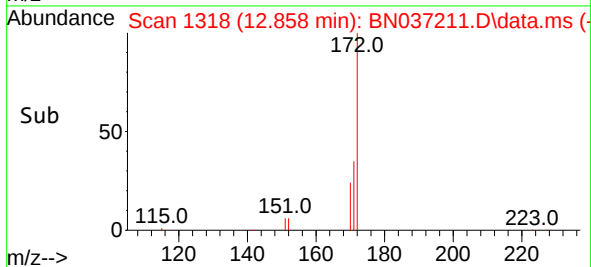
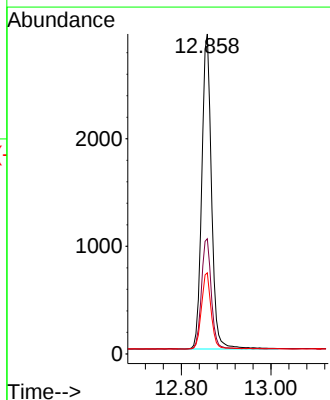
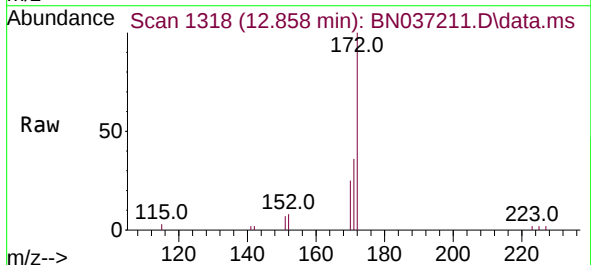
Instrument :
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 P01W

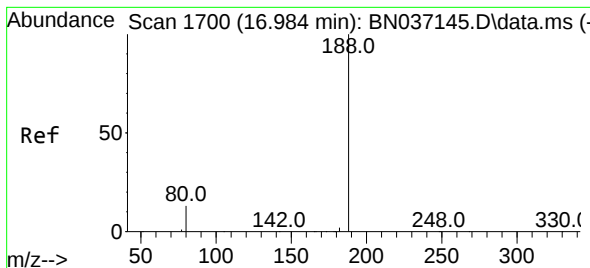
Tgt Ion:330 Resp: 436
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.1 115.7
 141 68.6 46.4 69.6



#15
 2-Fluorobiphenyl
 Concen: 0.426 ng
 RT: 12.858 min Scan# 1318
 Delta R.T. -0.005 min
 Lab File: BN037211.D
 Acq: 10 Jun 2025 03:25

Tgt Ion:172 Resp: 4536
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 25.3 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: BN037211.D

Acq: 10 Jun 2025 03:25

Instrument :

BNA_N

ClientSampleId :

P01W

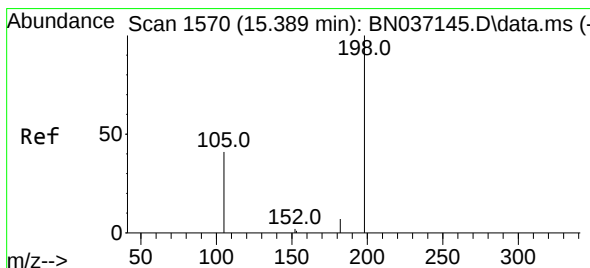
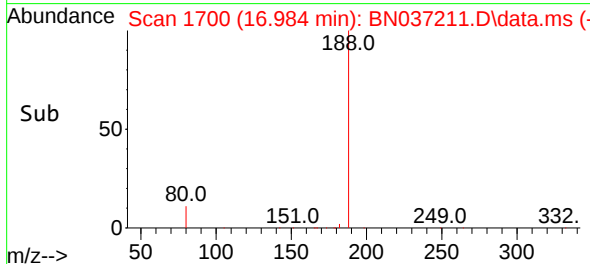
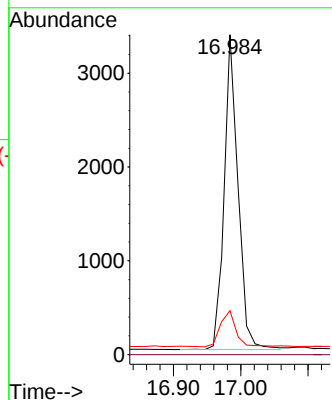
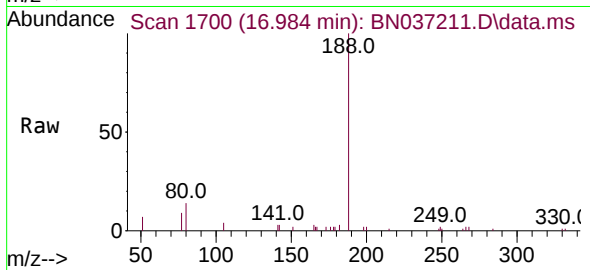
Tgt Ion:188 Resp: 4818

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.279 ng

RT: 15.325 min Scan# 1564

Delta R.T. -0.064 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

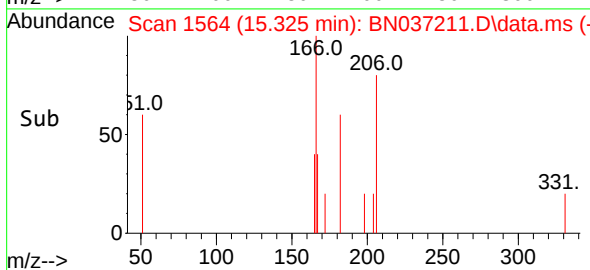
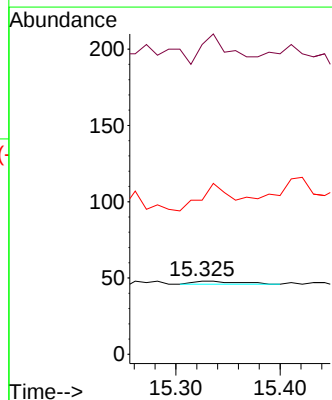
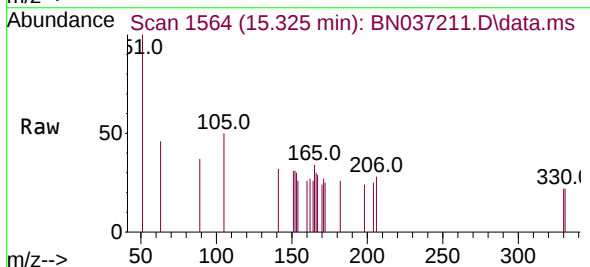
Tgt Ion:198 Resp: 6

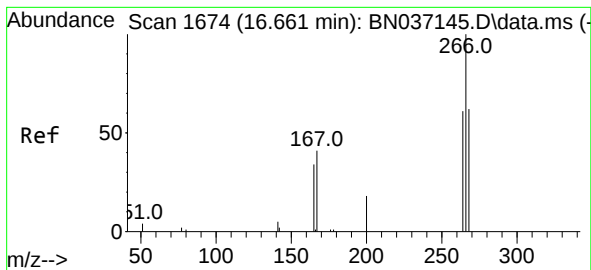
Ion Ratio Lower Upper

198 100

51 422.9 125.2 187.8#

105 210.4 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.225 ng

RT: 16.636 min Scan# 1672

Delta R.T. -0.025 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

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P01W

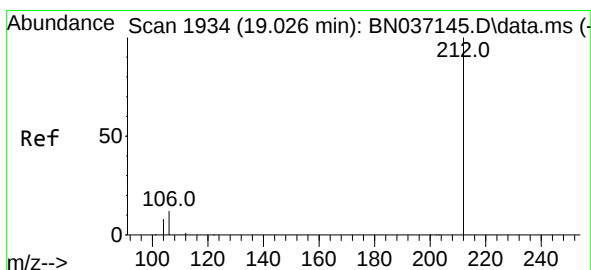
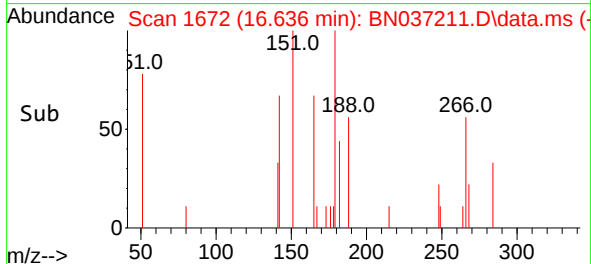
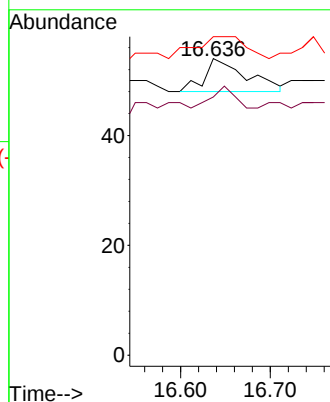
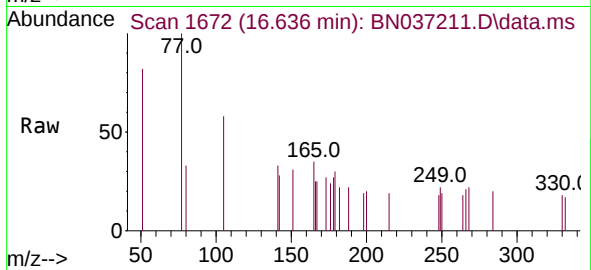
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 36.8 49.3 73.9#

268 84.2 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.467 ng

RT: 19.022 min Scan# 1933

Delta R.T. -0.005 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

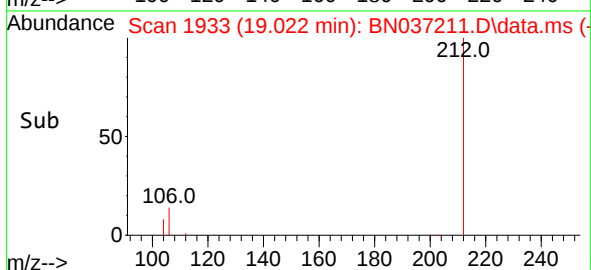
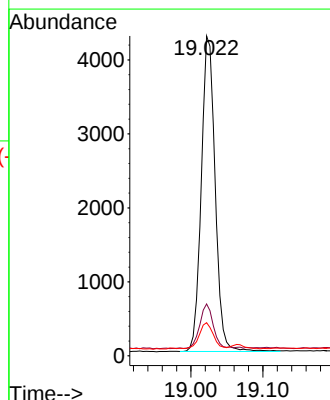
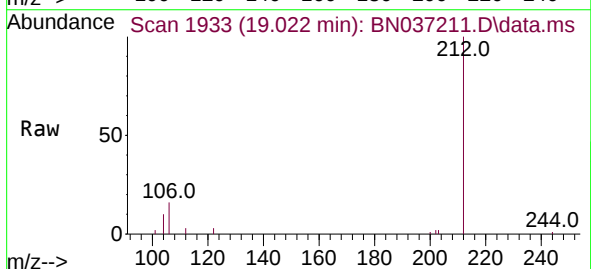
Tgt Ion:212 Resp: 5720

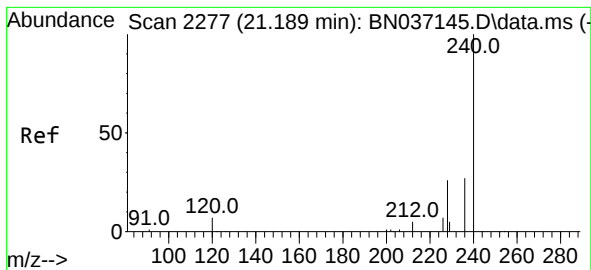
Ion Ratio Lower Upper

212 100

106 13.8 10.6 15.8

104 7.9 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

Instrument :

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P01W

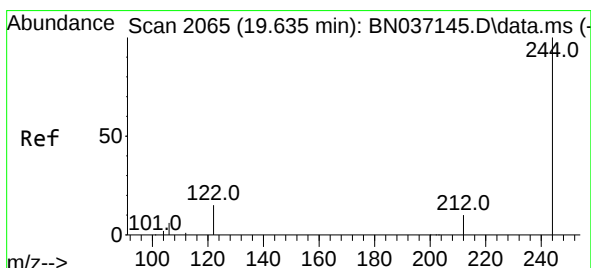
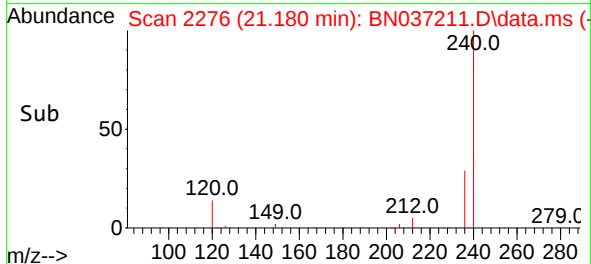
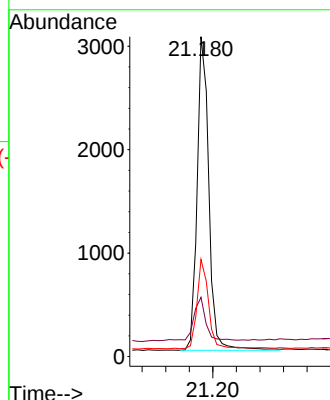
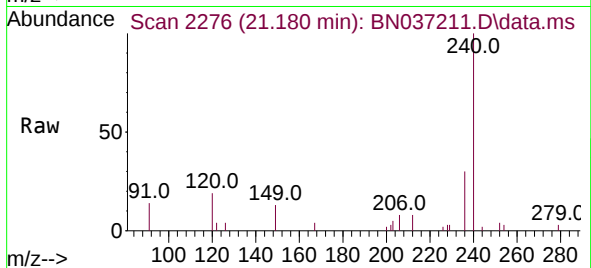
Tgt Ion:240 Resp: 4180

Ion Ratio Lower Upper

240 100

120 18.5 9.0 13.4#

236 30.4 23.0 34.4



#31

Terphenyl-d14

Concen: 0.452 ng

RT: 19.630 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN037211.D

Acq: 10 Jun 2025 03:25

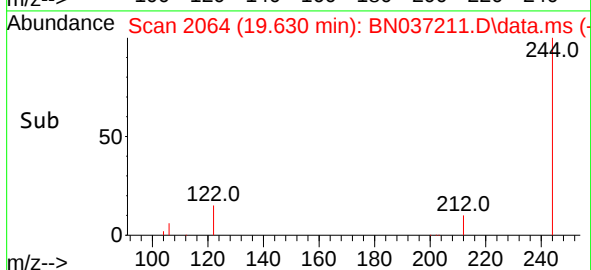
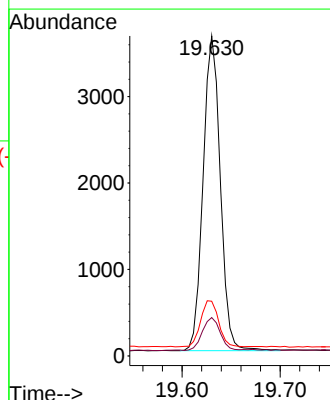
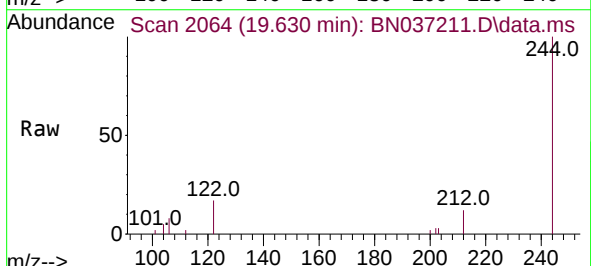
Tgt Ion:244 Resp: 4444

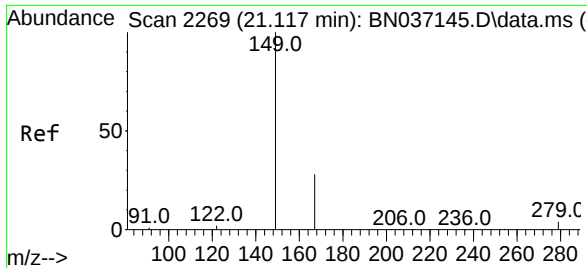
Ion Ratio Lower Upper

244 100

212 12.0 10.0 15.0

122 17.1 13.2 19.8

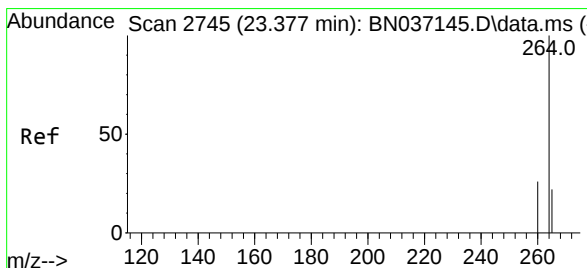
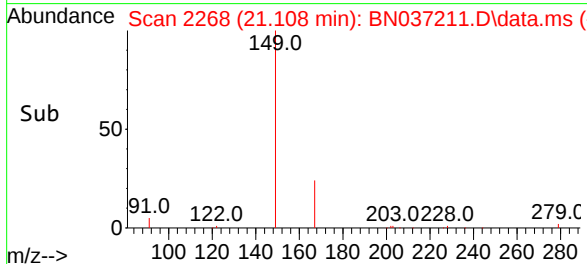
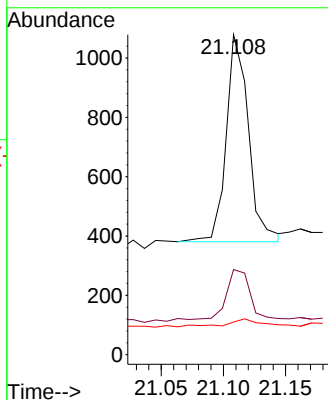
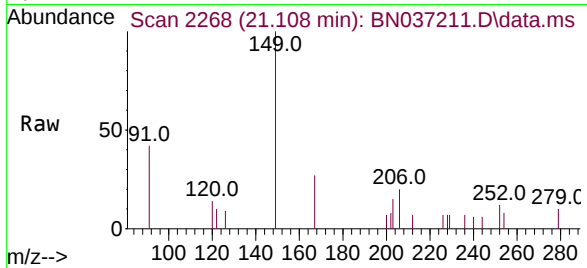




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.108 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:149 Resp: 869
Ion Ratio Lower Upper
149 100
167 29.1 21.0 31.4
279 6.3 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2744
Delta R.T. -0.003 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:264 Resp: 4091
Ion Ratio Lower Upper
264 100
260 26.8 22.1 33.1
265 66.6 55.8 83.8

