

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037087.D
 Acq On : 27 May 2025 15:11
 Operator : RC/JU
 Sample : Q2073-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GDW2

Quant Time: May 27 15:36:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

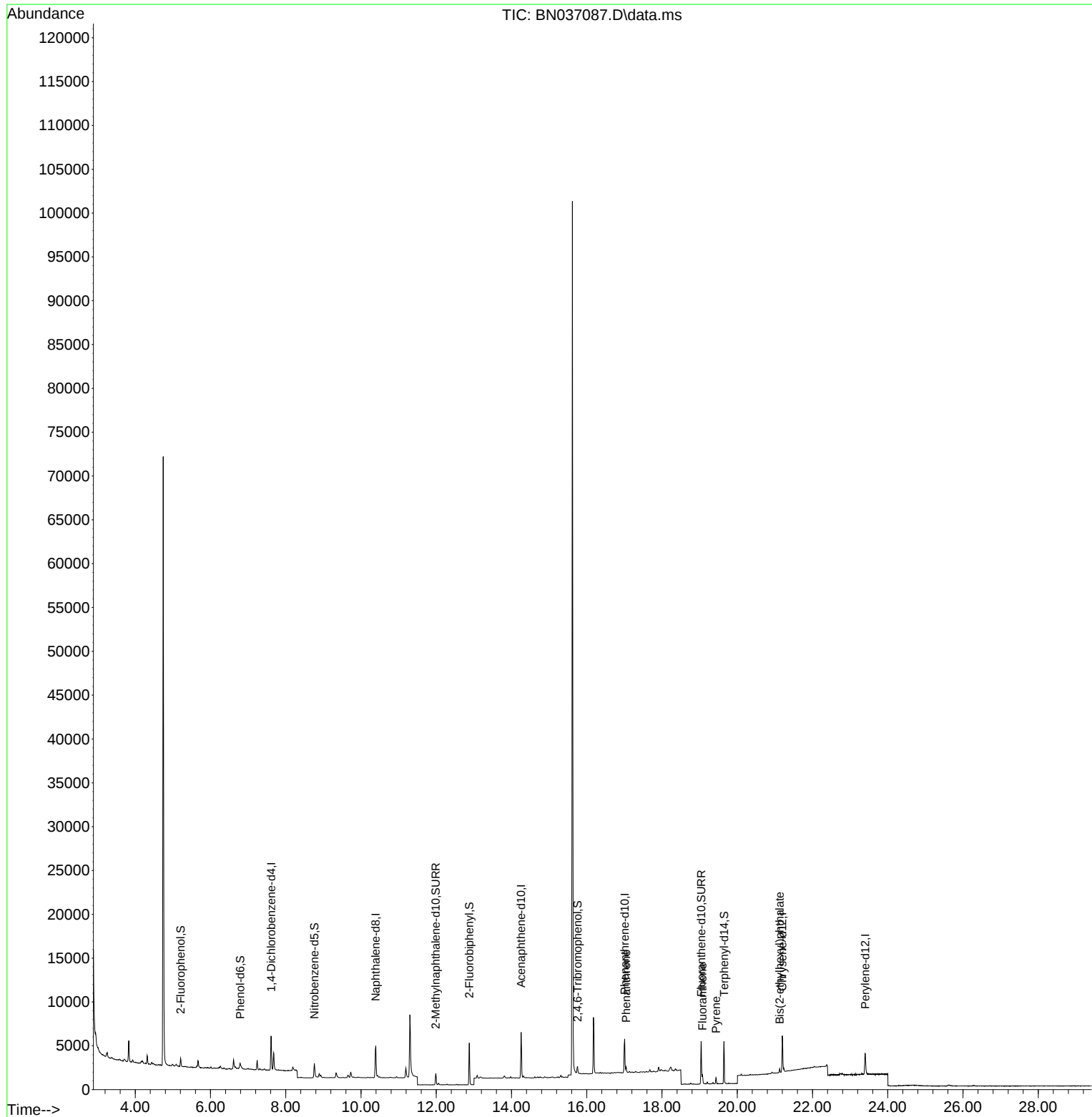
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1828	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4851	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2747	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5537	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3938	0.400	ng	0.00
35) Perylene-d12	23.401	264	3305	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	612	0.128	ng	0.00
5) Phenol-d6	6.788	99	462	0.077	ng	0.00
8) Nitrobenzene-d5	8.760	82	1429	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1833	0.268	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	428	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4464	0.355	ng	-0.01
27) Fluoranthene-d10	19.040	212	5196	0.342	ng	0.00
31) Terphenyl-d14	19.649	244	4607	0.547	ng	0.00
Target Compounds						
25) Phenanthrene	17.046	178	622	0.034	ng	# 96
28) Fluoranthene	19.073	202	713	0.033	ng	# 68
30) Pyrene	19.435	202	637	0.038	ng	96
34) Bis(2-ethylhexyl)phtha...	21.126	149	515	0.056	ng	93

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

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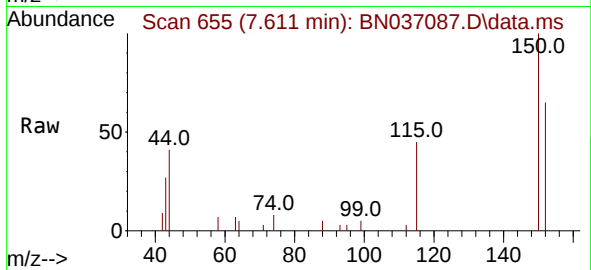
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



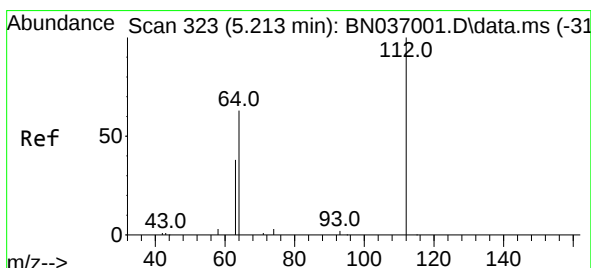
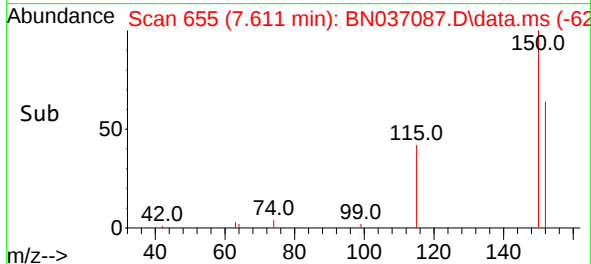
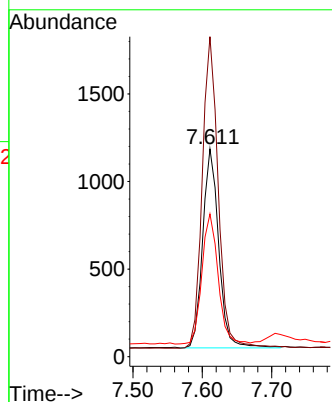


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

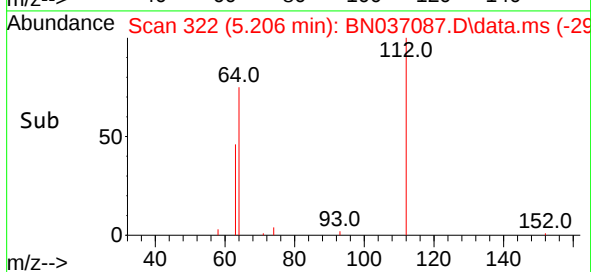
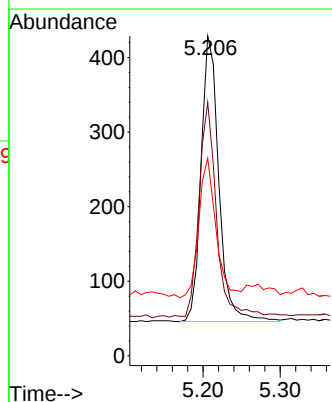
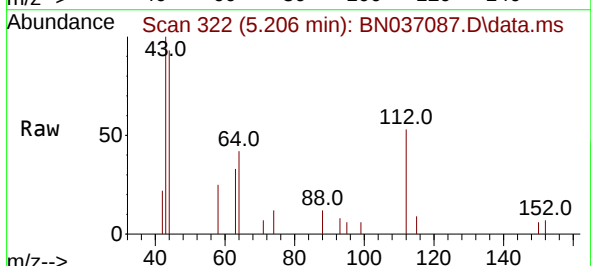


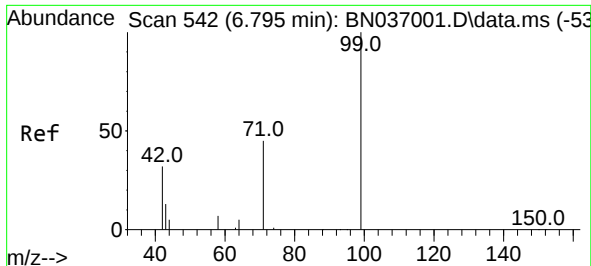
Tgt Ion:152 Resp: 1828
Ion Ratio Lower Upper
152 100
150 153.9 123.9 185.9
115 68.7 55.8 83.8



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:112 Resp: 612
Ion Ratio Lower Upper
112 100
64 75.0 55.7 83.5
63 47.2 34.6 51.8

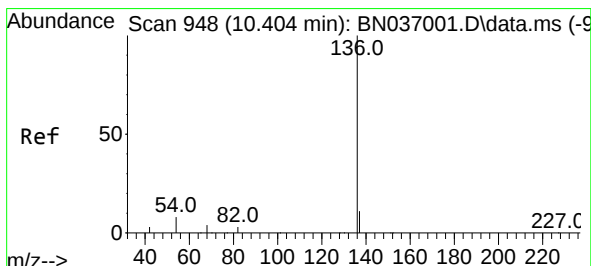
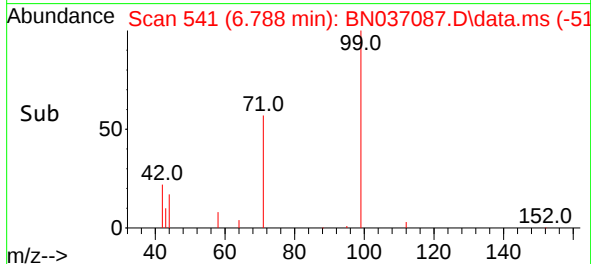
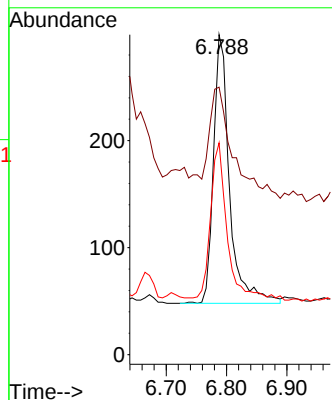
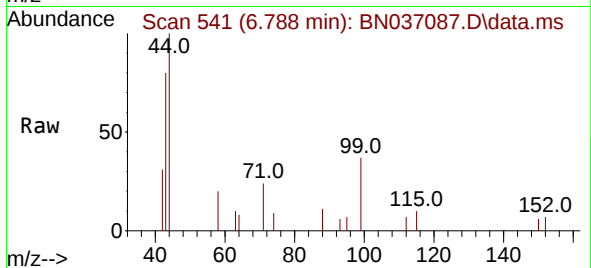




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

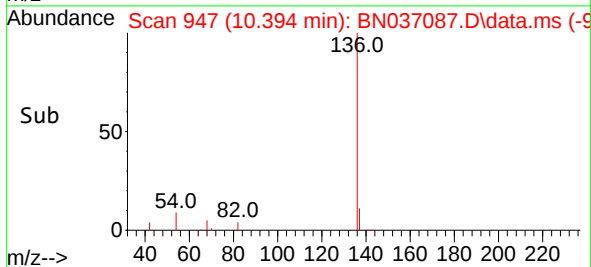
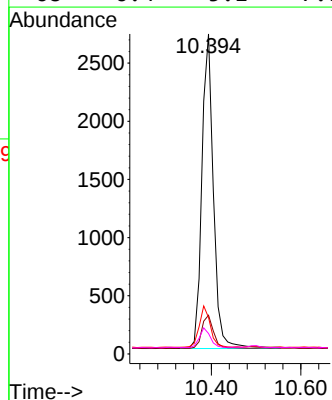
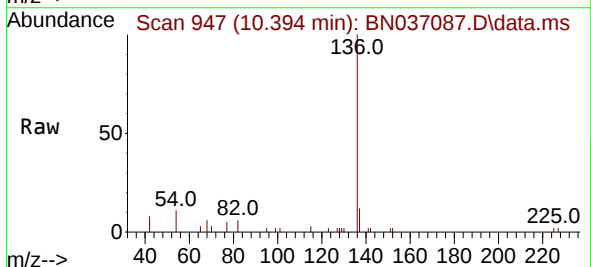
Instrument :
BNA_N
ClientSampleId :
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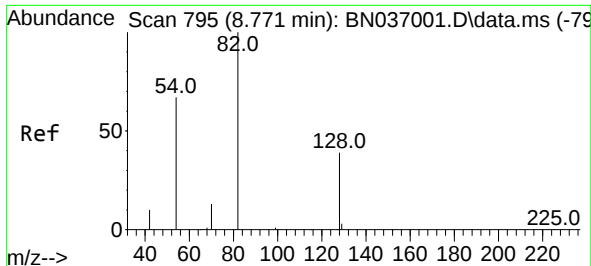
Tgt Ion: 99 Resp: 462
Ion Ratio Lower Upper
99 100
42 60.8 29.3 43.9#
71 61.3 35.7 53.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion: 136 Resp: 4851
Ion Ratio Lower Upper
136 100
137 12.1 10.4 15.6
54 11.4 8.5 12.7
68 6.4 5.1 7.7

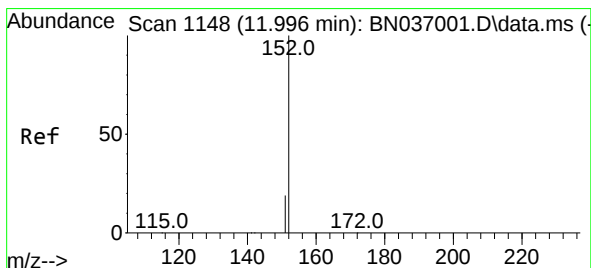
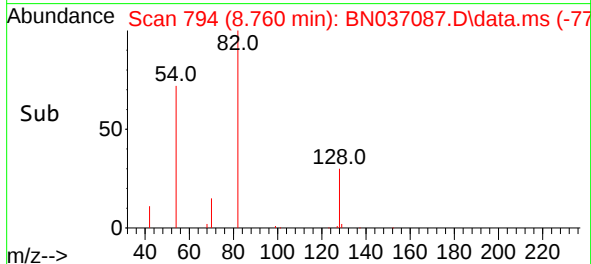
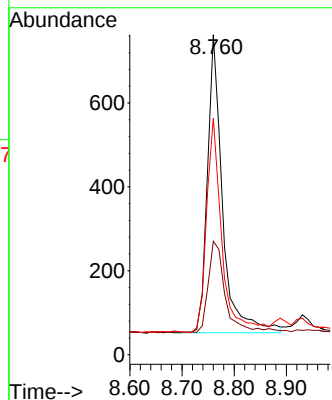
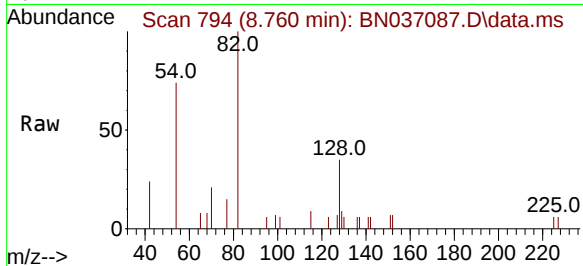




#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

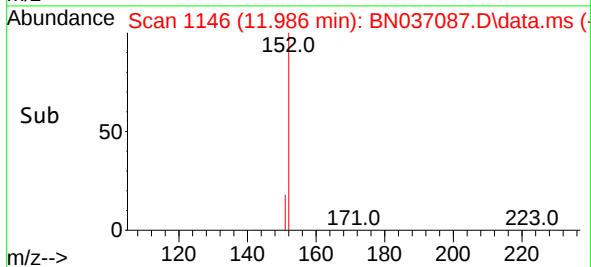
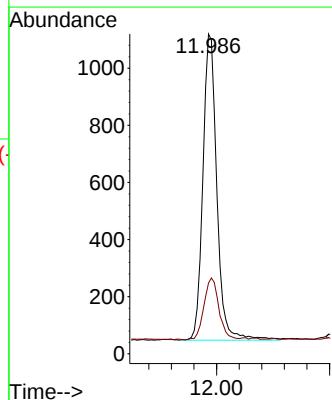
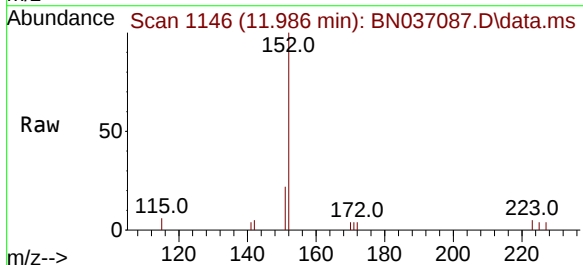
Instrument :
BNA_N
ClientSampleId :
GDW2

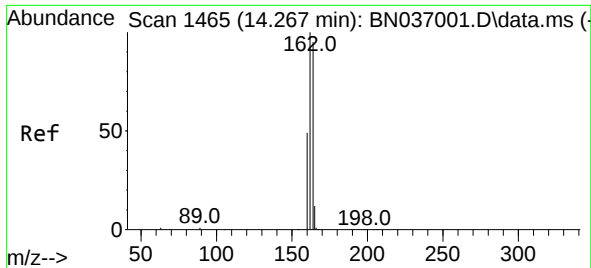
Tgt Ion: 82 Resp: 1429
Ion Ratio Lower Upper
82 100
128 35.4 34.0 51.0
54 73.9 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion: 152 Resp: 1833
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3

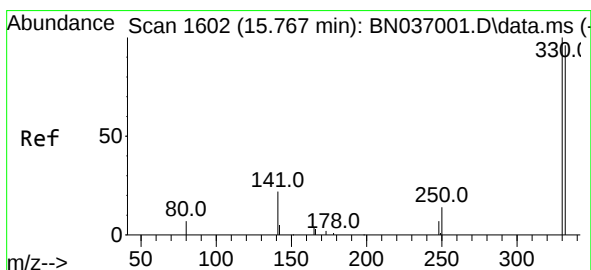
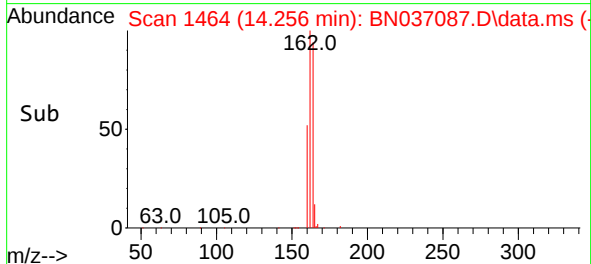
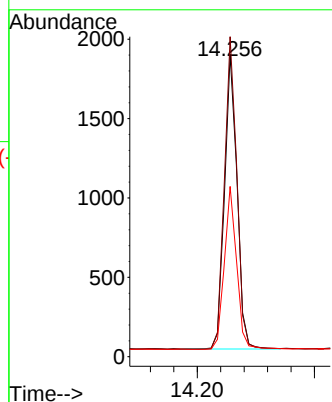
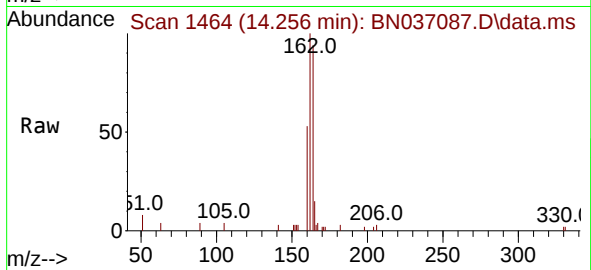




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

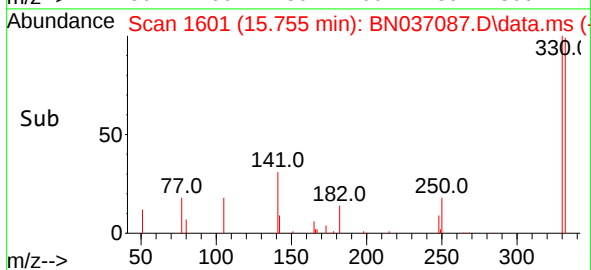
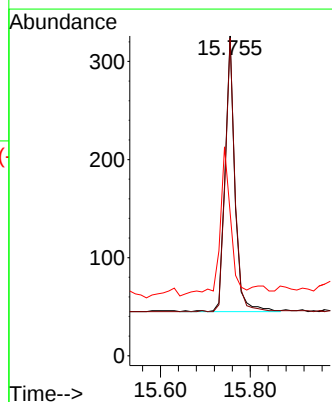
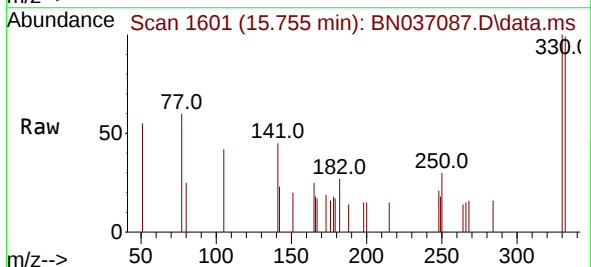
Instrument :
BNA_N
ClientSampleId :
GDW2

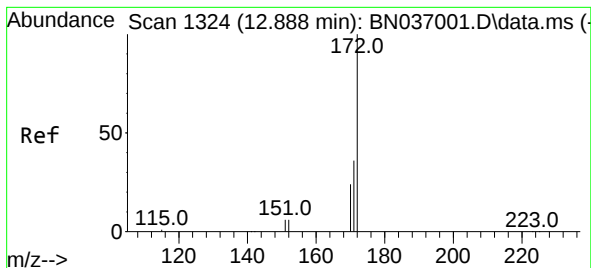
Tgt Ion:164 Resp: 2747
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 56.4 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:330 Resp: 428
Ion Ratio Lower Upper
330 100
332 97.9 73.8 110.8
141 57.0 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 12.878 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037087.D

Acq: 27 May 2025 15:11

Instrument :

BNA_N

ClientSampleId :

GDW2

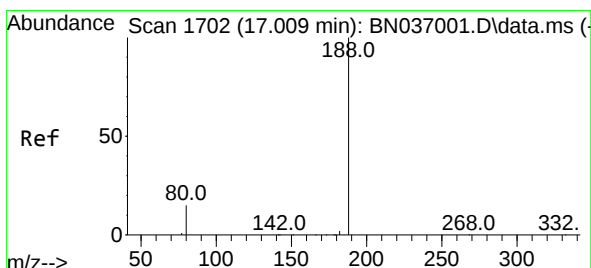
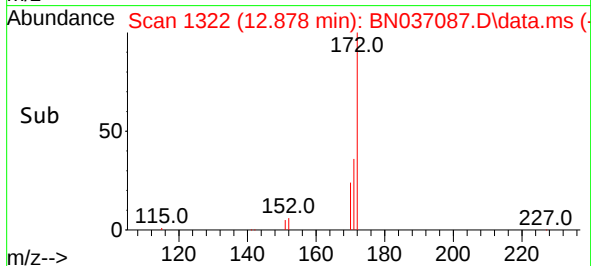
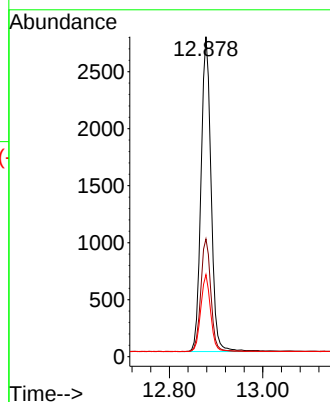
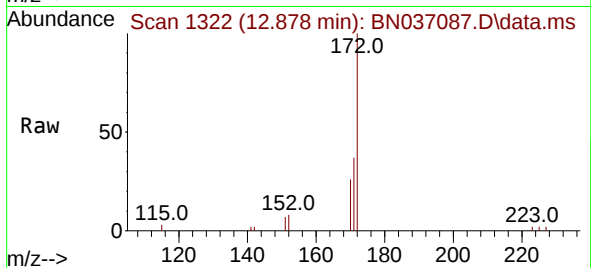
Tgt Ion:172 Resp: 4464

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

170 25.7 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BN037087.D

Acq: 27 May 2025 15:11

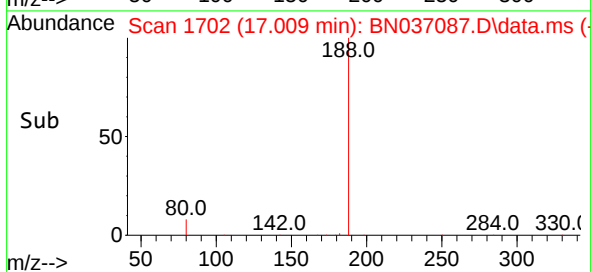
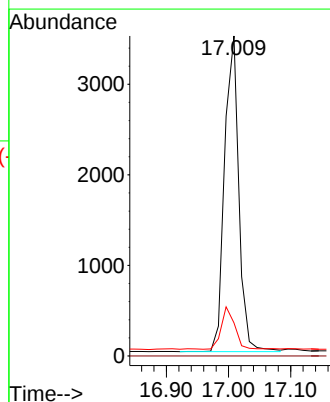
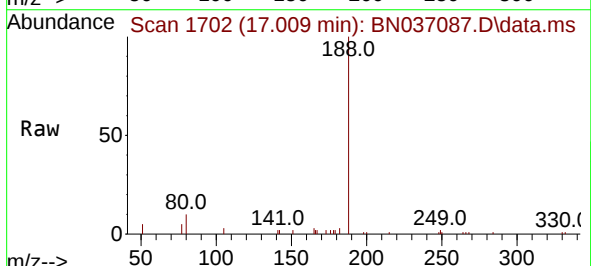
Tgt Ion:188 Resp: 5537

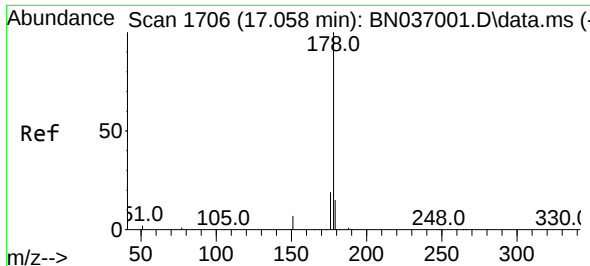
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 13.4 20.0#

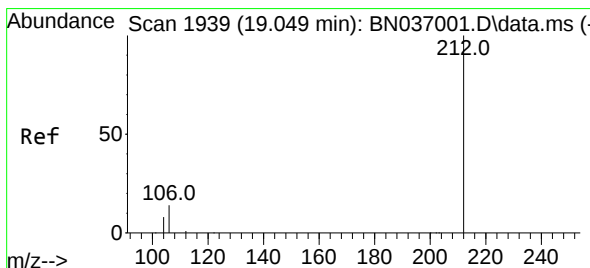
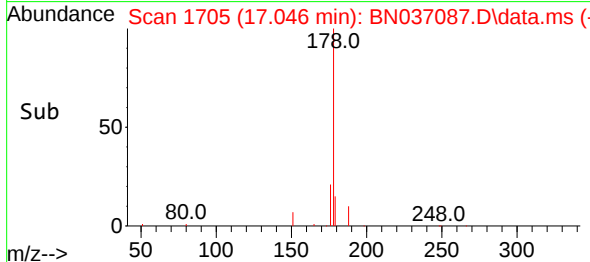
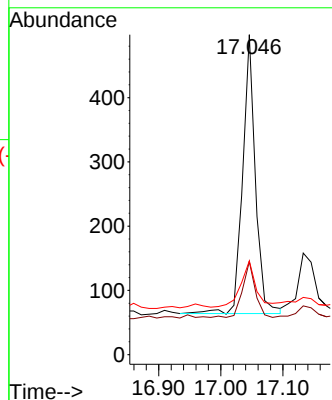
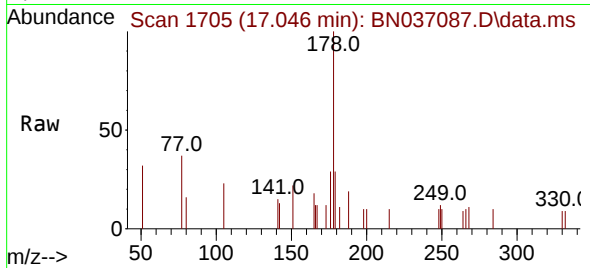




#25
Phenanthrene
Concen: 0.034 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

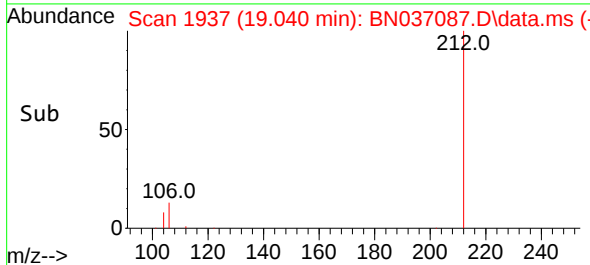
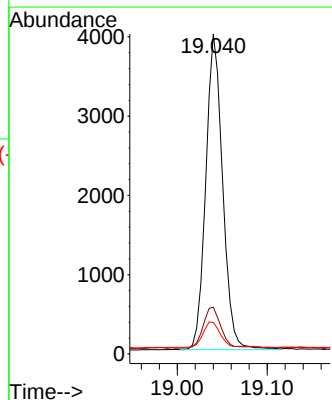
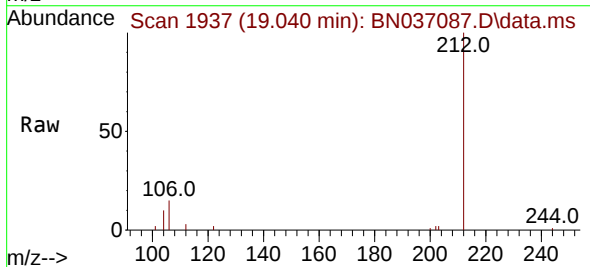
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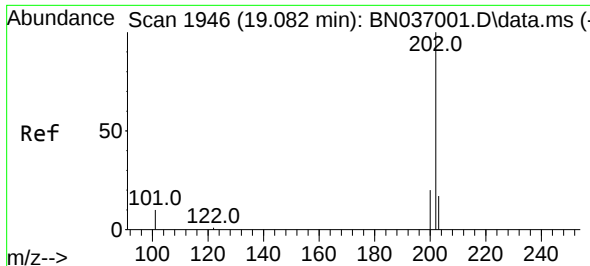
Tgt Ion:178 Resp: 622
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 19.5 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:212 Resp: 5196
Ion Ratio Lower Upper
212 100
106 13.8 11.3 16.9
104 8.2 6.7 10.1

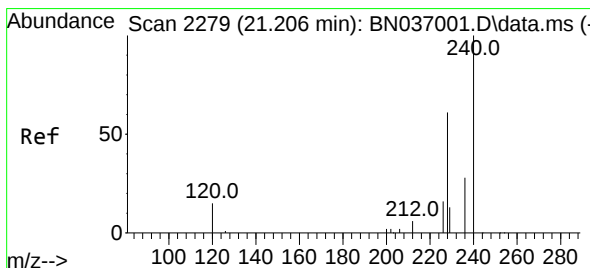
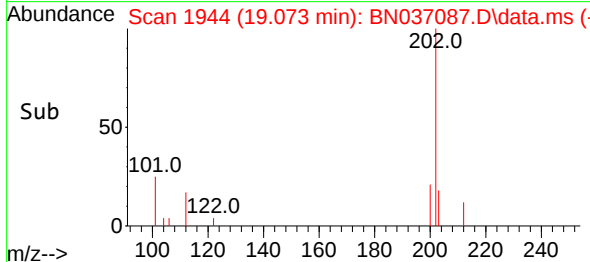
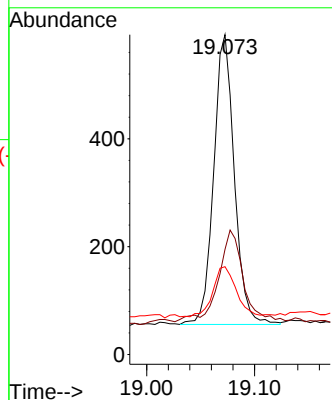
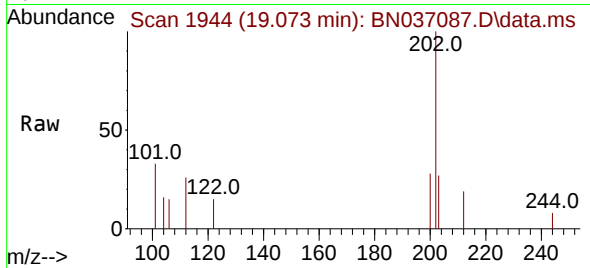




#28
Fluoranthene
Concen: 0.033 ng
RT: 19.073 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

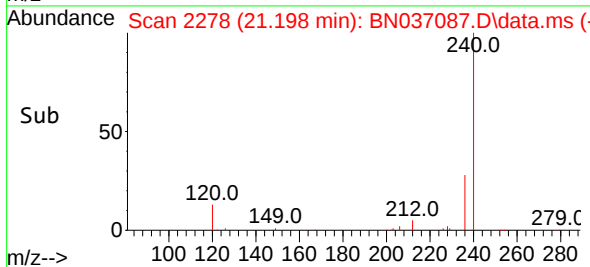
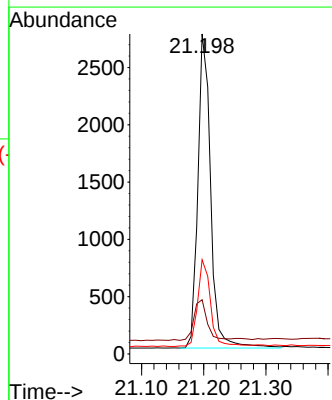
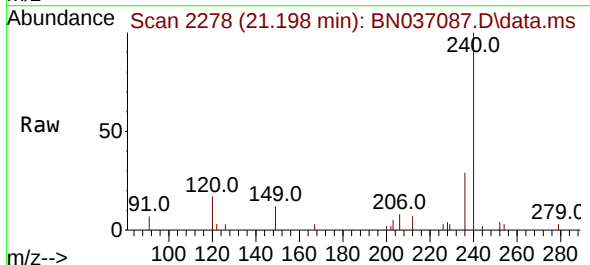
Instrument :
BNA_N
ClientSampleId :
GDW2

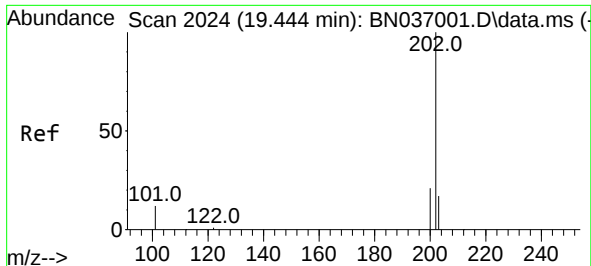
Tgt Ion:202 Resp: 713
Ion Ratio Lower Upper
202 100
101 39.0 8.9 13.3#
203 19.8 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:240 Resp: 3938
Ion Ratio Lower Upper
240 100
120 16.9 15.1 22.7
236 29.4 24.0 36.0

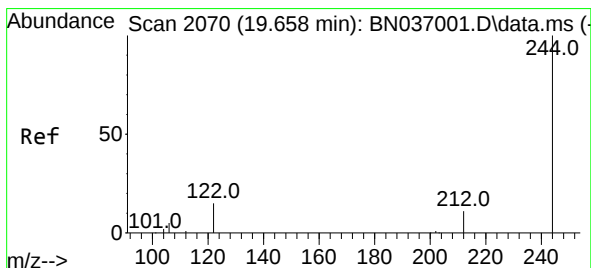
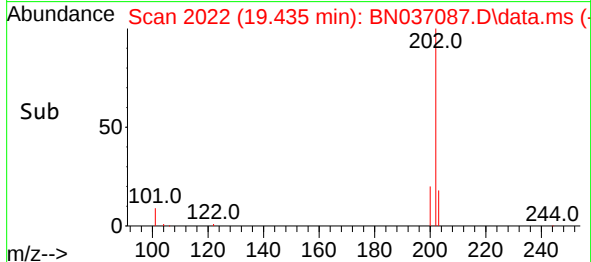
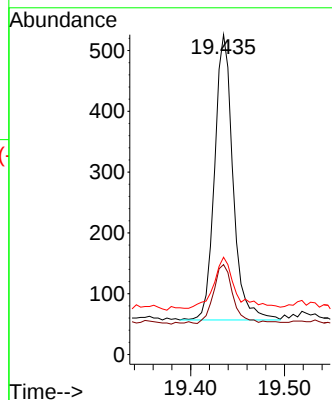
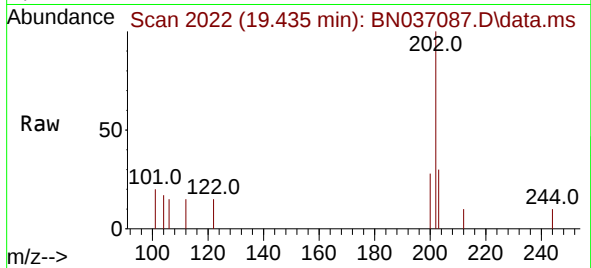




#30
Pyrene
Concen: 0.038 ng
RT: 19.435 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

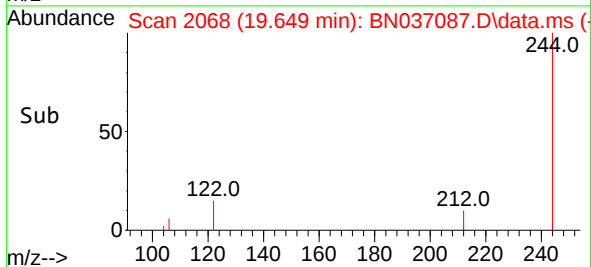
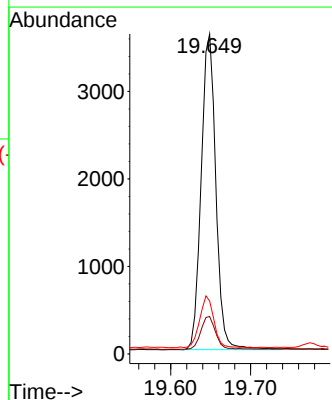
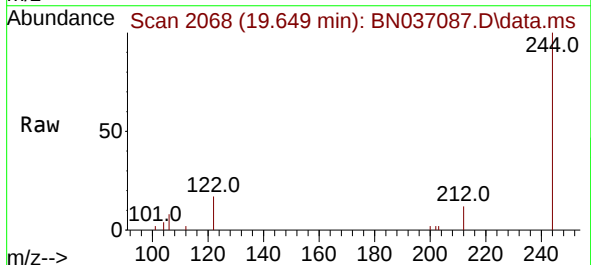
Instrument :
BNA_N
ClientSampleId :
GDW2

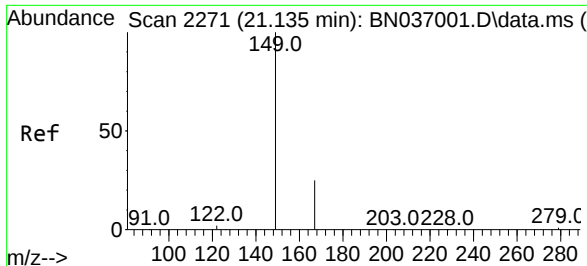
Tgt Ion:202 Resp: 637
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 20.6 14.2 21.4



#31
Terphenyl-d14
Concen: 0.547 ng
RT: 19.649 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:244 Resp: 4607
Ion Ratio Lower Upper
244 100
212 11.7 9.7 14.5
122 16.5 13.4 20.0

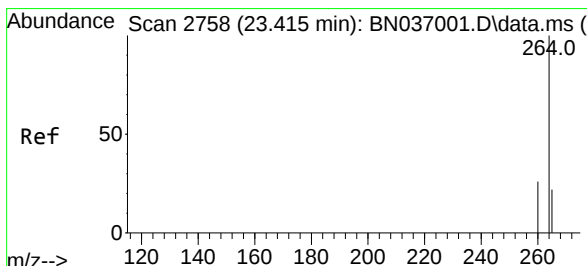
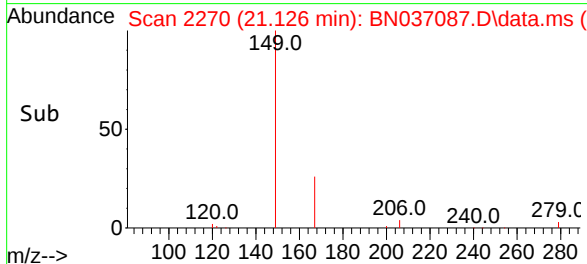
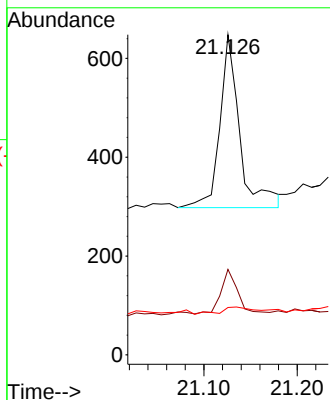
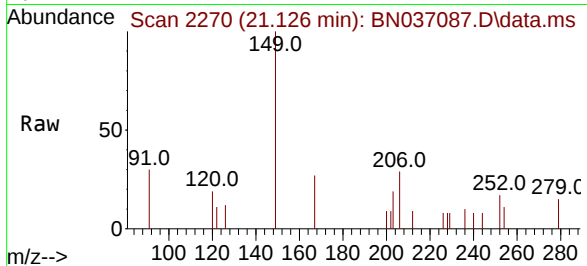




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.126 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037087.D
 Acq: 27 May 2025 15:11

Instrument :
 BNA_N
 ClientSampleId :
 GDW2

Tgt Ion:149 Resp: 515
 Ion Ratio Lower Upper
 149 100
 167 21.7 20.6 30.8
 279 3.7 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.401 min Scan# 2753
 Delta R.T. -0.015 min
 Lab File: BN037087.D
 Acq: 27 May 2025 15:11

Tgt Ion:264 Resp: 3305
 Ion Ratio Lower Upper
 264 100
 260 29.4 21.9 32.9
 265 77.1 51.6 77.4

