

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037183.D
 Acq On : 05 Jun 2025 16:57
 Operator : RC/JU
 Sample : Q2200-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 17:32:56 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)

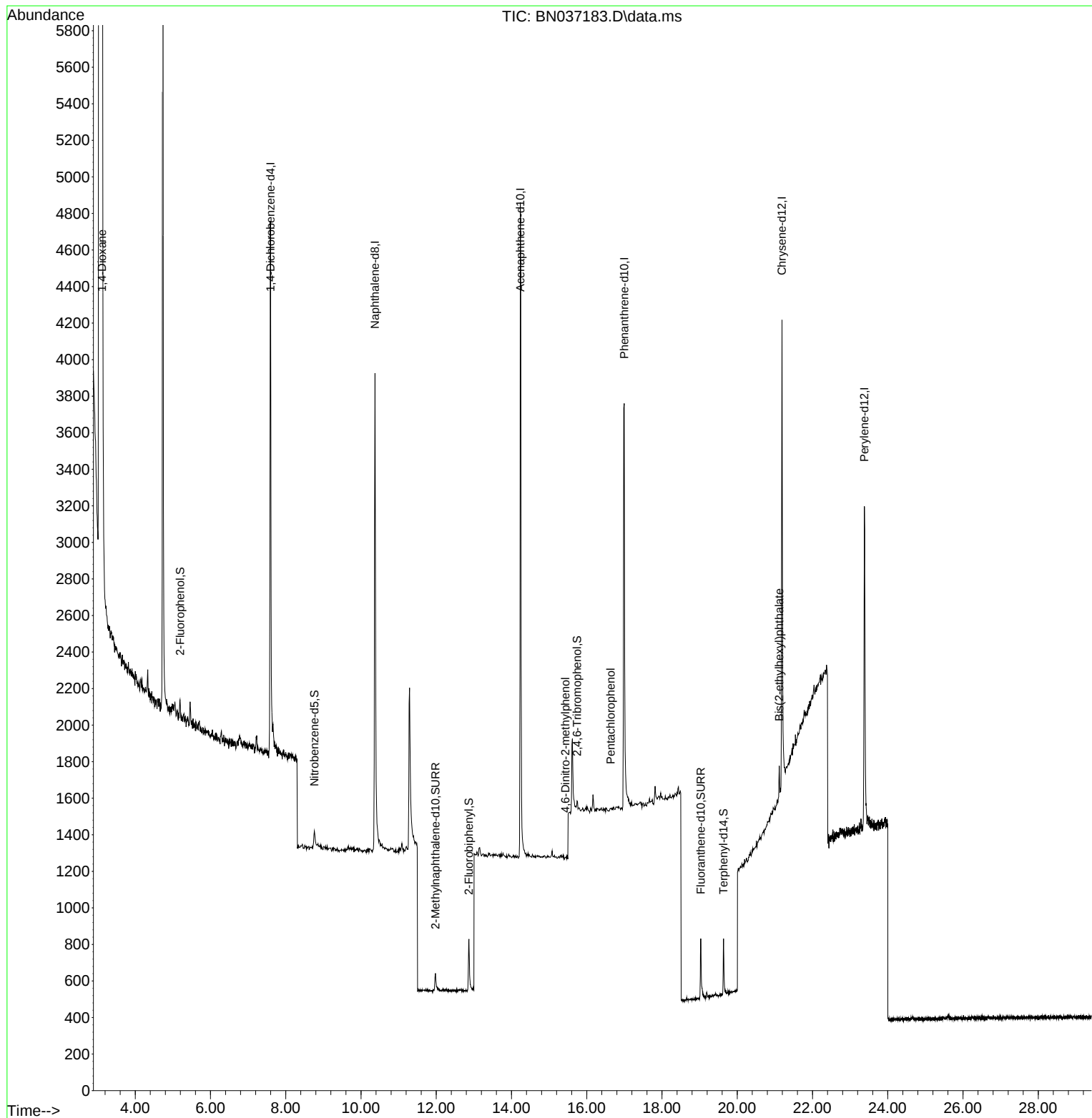
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1563	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4019	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2284	0.400	ng	0.00
19) Phenanthrene-d10	16.996	188	4264	0.400	ng	# 0.01
29) Chrysene-d12	21.189	240	2795	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2507	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	82	0.021	ng	0.00
5) Phenol-d6	6.781	99	60	0.013	ng	0.00
8) Nitrobenzene-d5	8.760	82	127	0.030	ng	0.02
11) 2-Methylnaphthalene-d10	11.981	152	186	0.033	ng	0.01
14) 2,4,6-Tribromophenol	15.743	330	45	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.868	172	364	0.037	ng	0.00
27) Fluoranthene-d10	19.031	212	456	0.042	ng	0.00
31) Terphenyl-d14	19.635	244	341	0.052	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	5066	2.432	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.432	198	1	0.275	ng	# 2
24) Pentachlorophenol	16.636	266	4	0.217	ng	# 20
34) Bis(2-ethylhexyl)phtha...	21.117	149	247	0.039	ng	# 75

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

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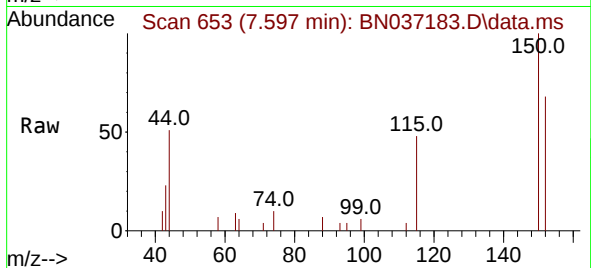
Quant Time: Jun 05 17:32:56 2025
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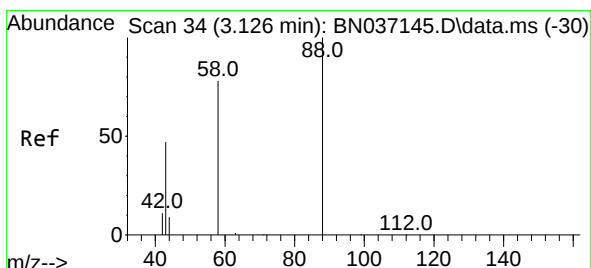
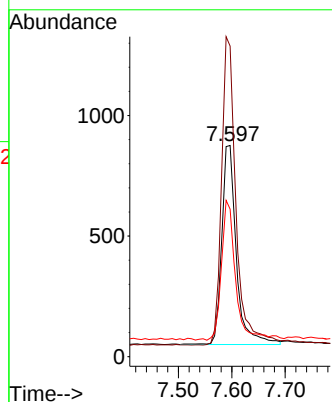
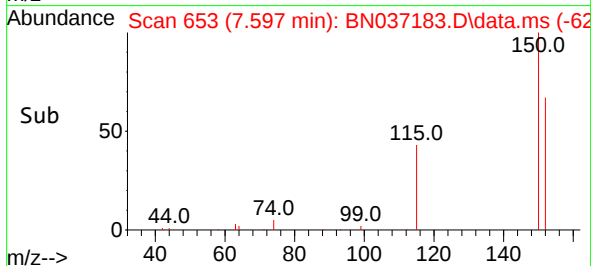


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.597 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037183.D
 Acq: 05 Jun 2025 16:57

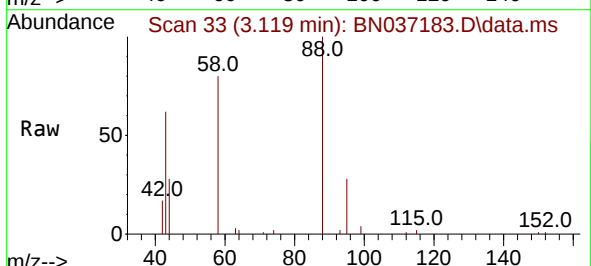
Instrument :
 BNA_N
 ClientSampleId :



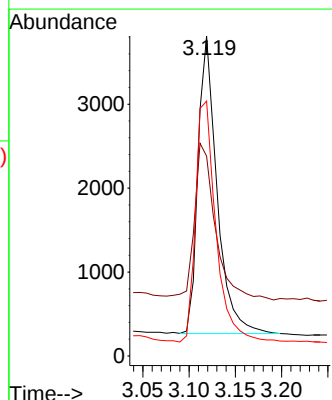
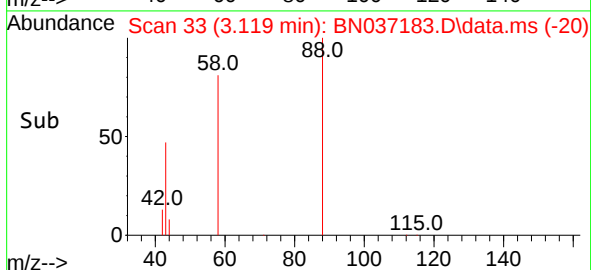
Tgt Ion:152 Resp: 1563
 Ion Ratio Lower Upper
 152 100
 150 147.0 123.2 184.8
 115 69.9 56.6 85.0

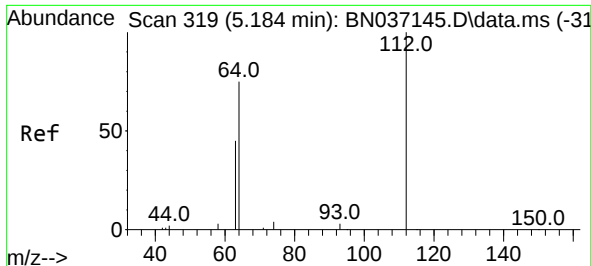


#2
 1,4-Dioxane
 Concen: 2.432 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037183.D
 Acq: 05 Jun 2025 16:57



Tgt Ion: 88 Resp: 5066
 Ion Ratio Lower Upper
 88 100
 43 58.4 43.5 65.3
 58 85.8 67.7 101.5

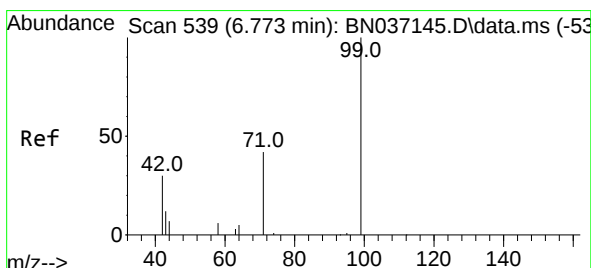
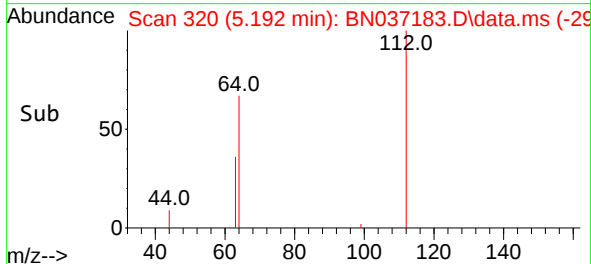
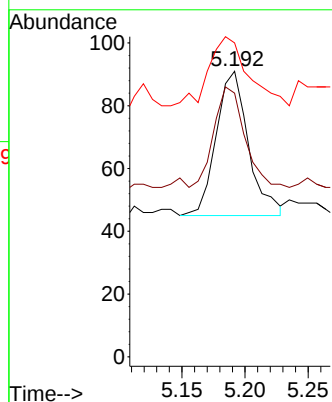
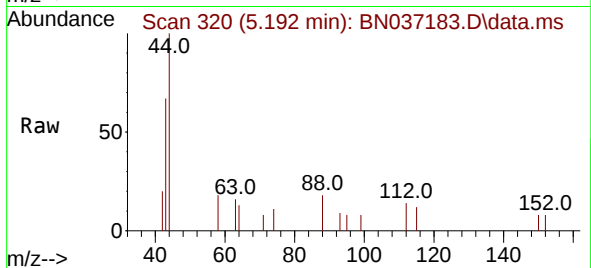




#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.192 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

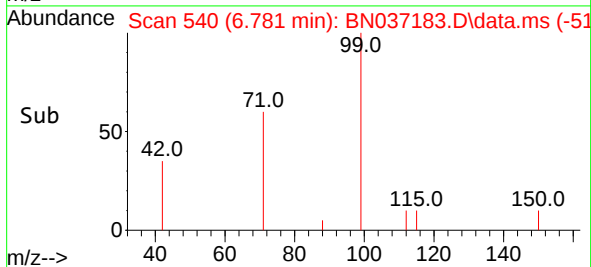
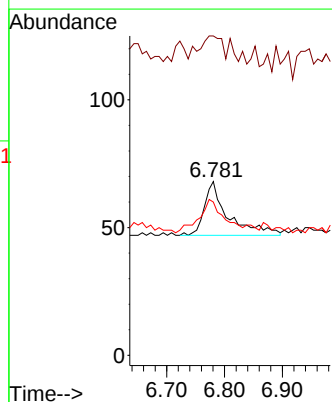
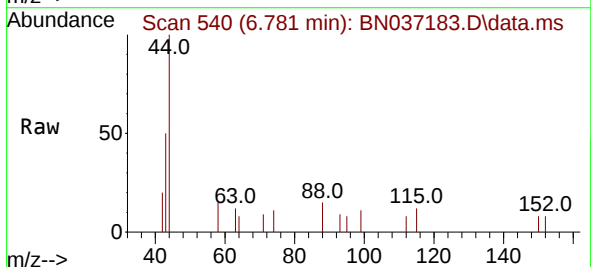
Instrument :
BNA_N
ClientSampleId :

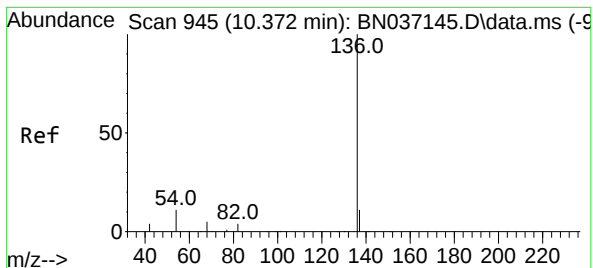
Tgt Ion:112 Resp: 82
Ion Ratio Lower Upper
112 100
64 72.0 56.3 84.5
63 57.3 36.2 54.4#



#5
Phenol-d6
Concen: 0.013 ng
RT: 6.781 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion: 99 Resp: 60
Ion Ratio Lower Upper
99 100
42 41.7 31.3 46.9
71 63.3 38.2 57.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.372 min Scan# 94

Delta R.T. -0.000 min

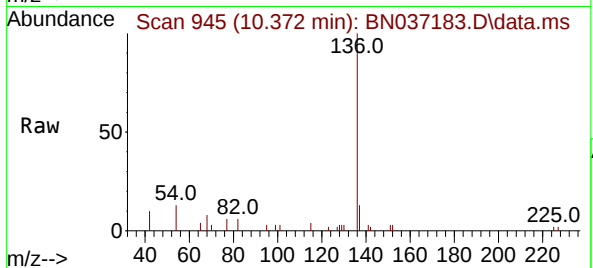
Lab File: BN037183.D

Acq: 05 Jun 2025 16:57

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 4019

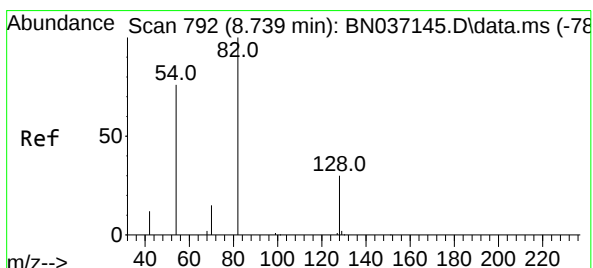
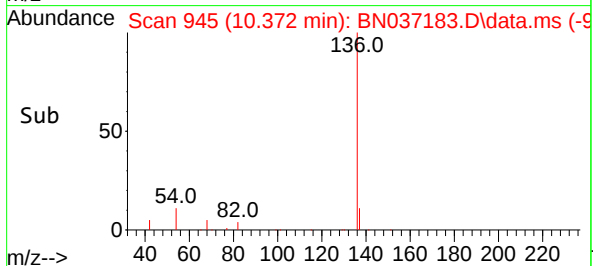
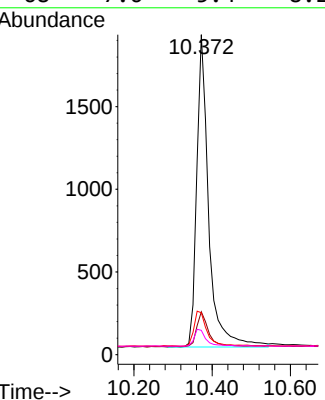
Ion Ratio Lower Upper

136 100

137 13.4 9.7 14.5

54 13.1 9.7 14.5

68 7.6 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.030 ng

RT: 8.760 min Scan# 794

Delta R.T. 0.021 min

Lab File: BN037183.D

Acq: 05 Jun 2025 16:57

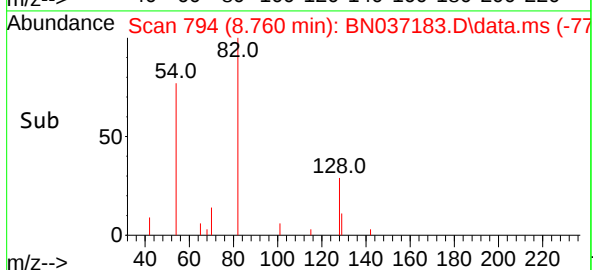
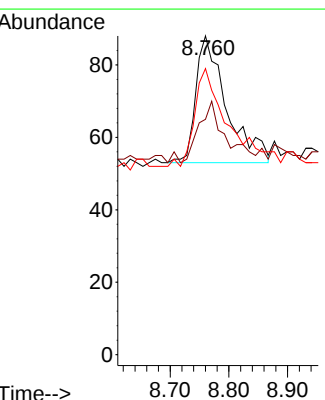
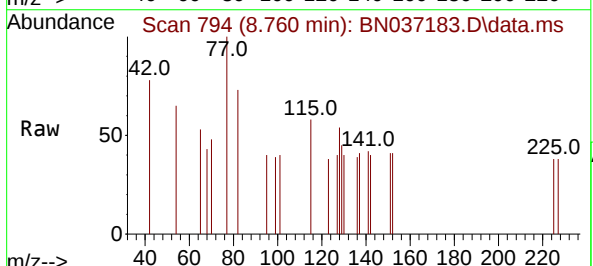
Tgt Ion: 82 Resp: 127

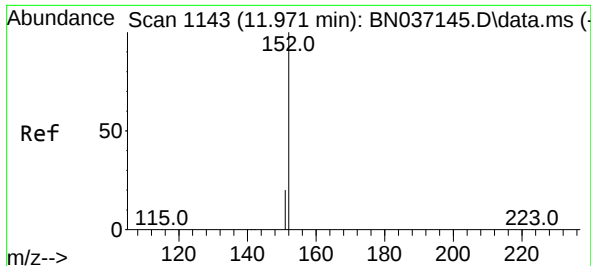
Ion Ratio Lower Upper

82 100

128 73.9 26.9 40.3#

54 89.8 61.4 92.2

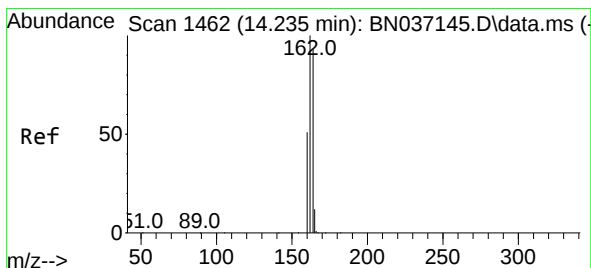
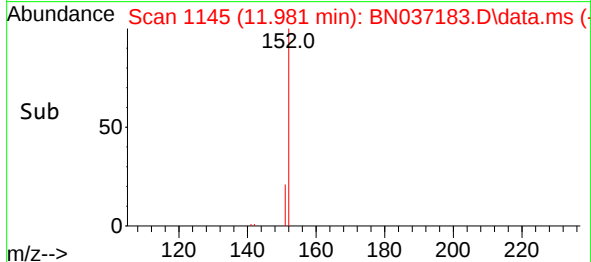
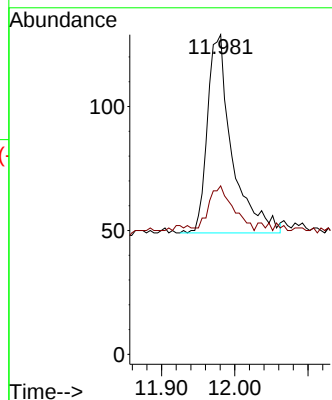
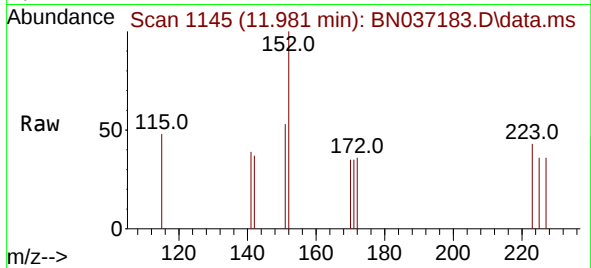




#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 11.981 min Scan# 1145
Delta R.T. 0.010 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

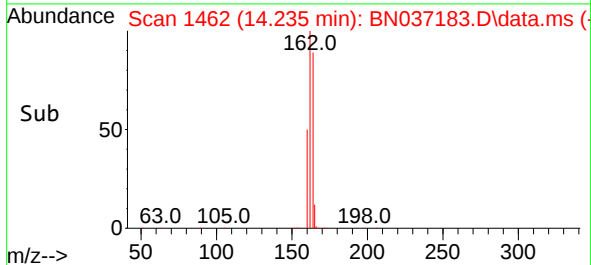
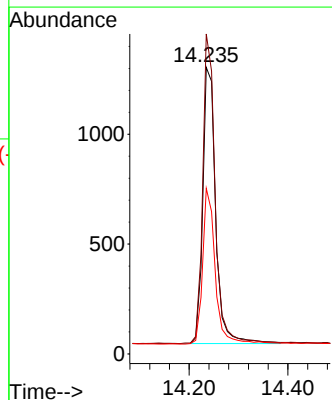
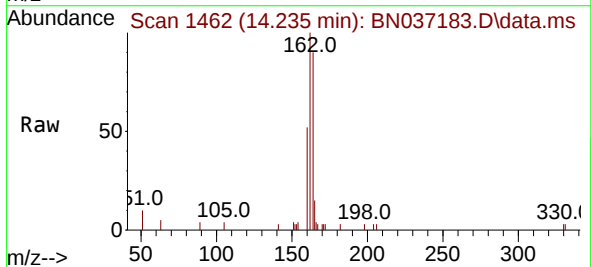
Instrument :
BNA_N
ClientSampleId :

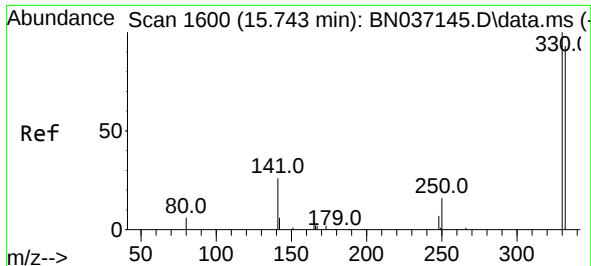
Tgt Ion:152 Resp: 186
Ion Ratio Lower Upper
152 100
151 23.1 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:164 Resp: 2284
Ion Ratio Lower Upper
164 100
162 111.6 85.5 128.3
160 57.8 44.6 67.0

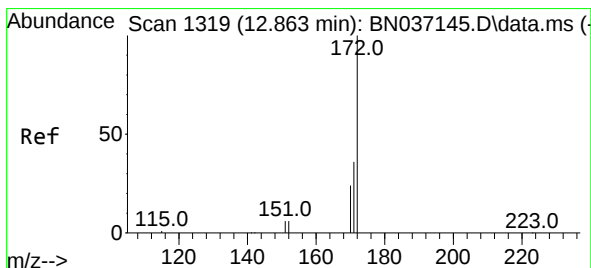
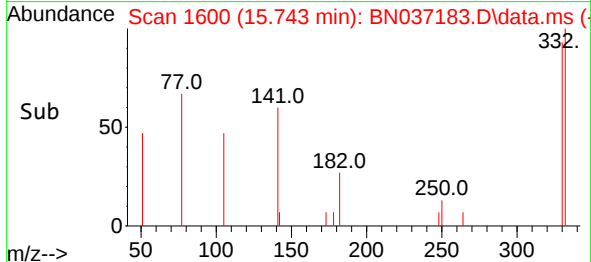
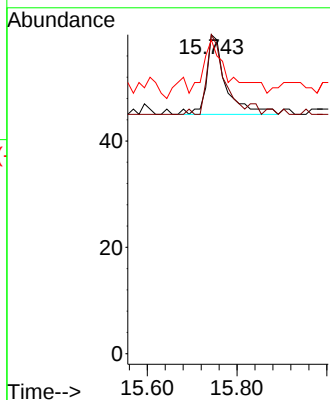
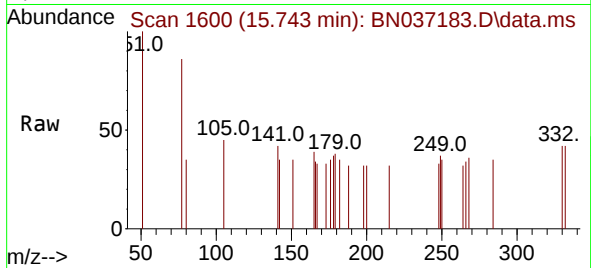




#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 15.743 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

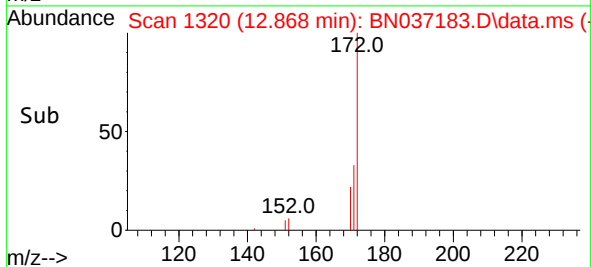
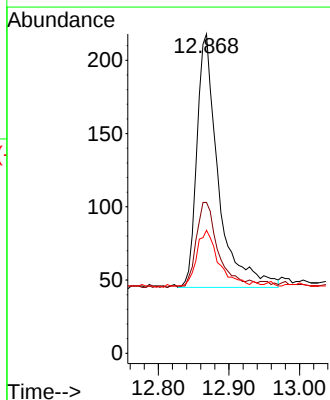
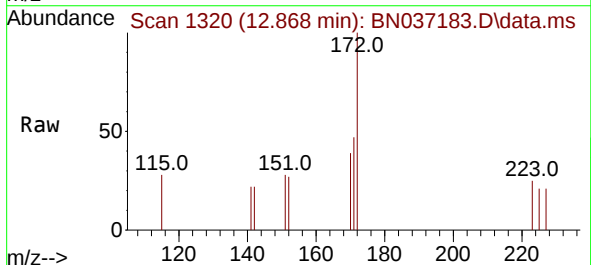
Instrument :
BNA_N
ClientSampleId :

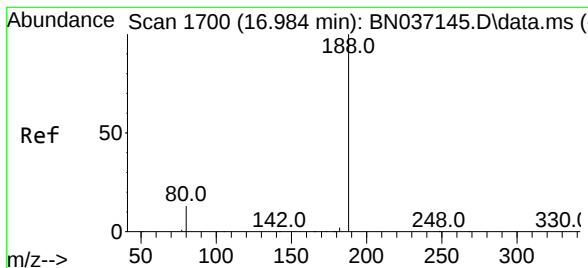
Tgt Ion:330 Resp: 45
Ion Ratio Lower Upper
330 100
332 86.7 77.1 115.7
141 71.1 46.4 69.6#



#15
2-Fluorobiphenyl
Concen: 0.037 ng
RT: 12.868 min Scan# 1320
Delta R.T. 0.005 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:172 Resp: 364
Ion Ratio Lower Upper
172 100
171 47.2 29.6 44.4#
170 38.5 20.3 30.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.996 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN037183.D

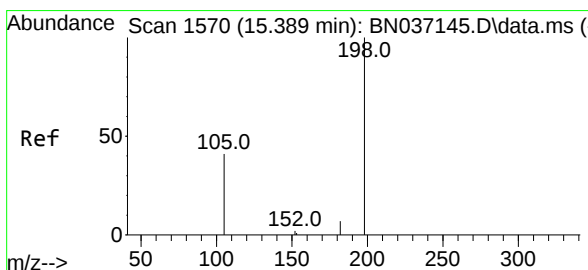
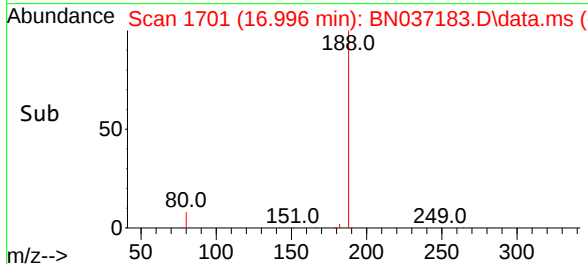
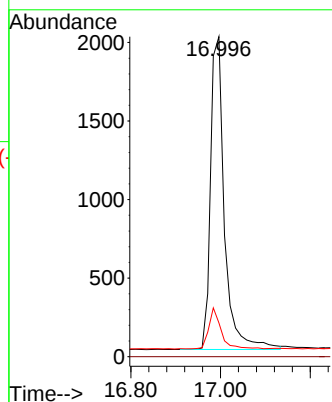
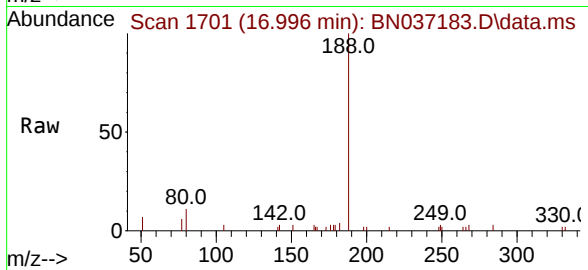
Acq: 05 Jun 2025 16:57

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:188	Resp:	4264
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.6	11.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.275 ng

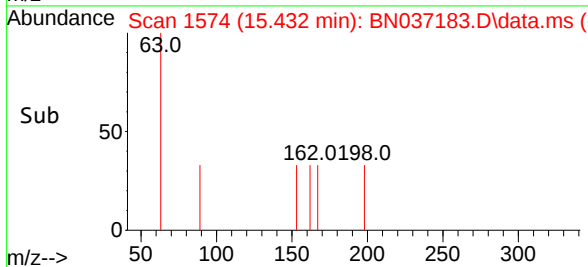
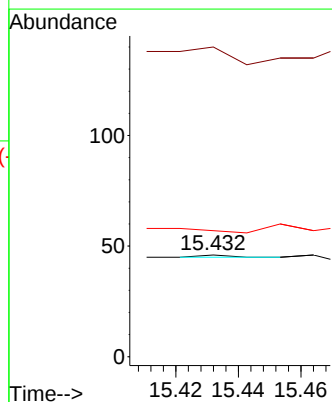
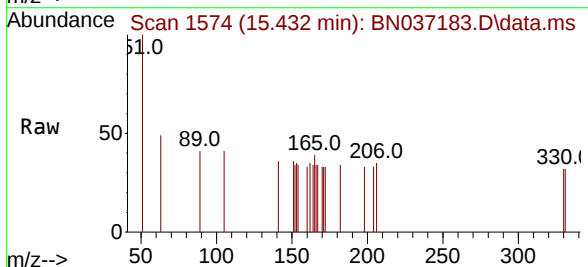
RT: 15.432 min Scan# 1574

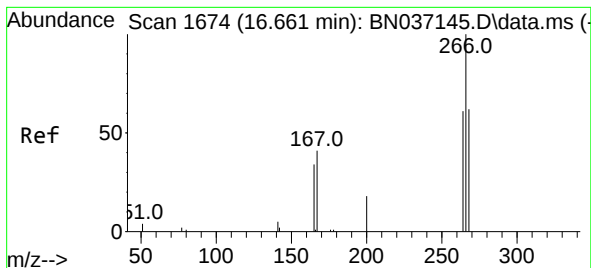
Delta R.T. 0.043 min

Lab File: BN037183.D

Acq: 05 Jun 2025 16:57

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
51	304.3	125.2
105	123.9	57.1





#24

Pentachlorophenol

Concen: 0.217 ng

RT: 16.636 min Scan# 1672

Delta R.T. -0.025 min

Lab File: BN037183.D

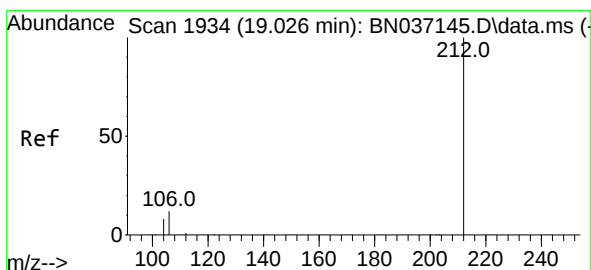
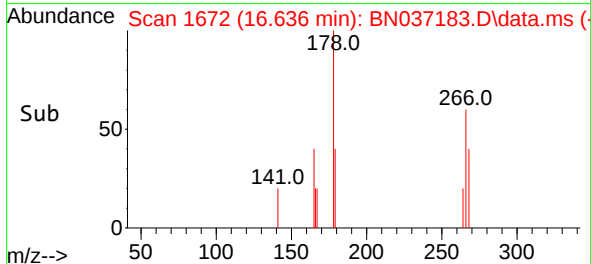
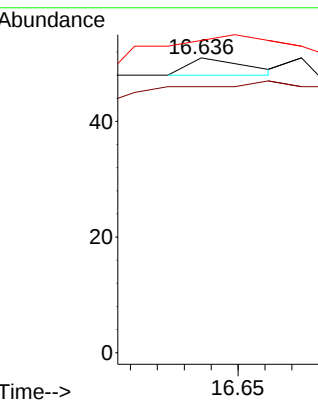
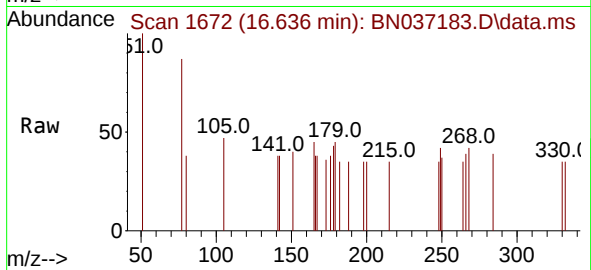
Acq: 05 Jun 2025 16:57

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	4
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.3	73.9#
268	0.0	49.0	73.4#



#27

Fluoranthene-d10

Concen: 0.042 ng

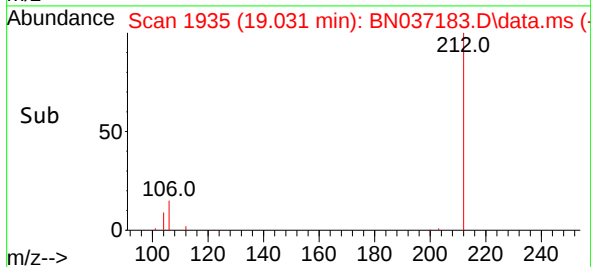
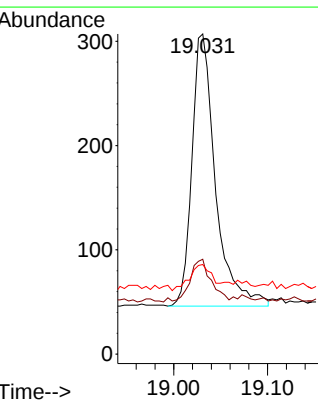
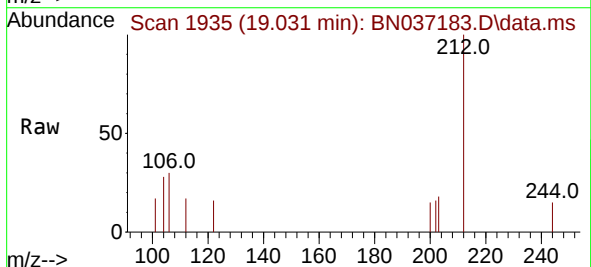
RT: 19.031 min Scan# 1935

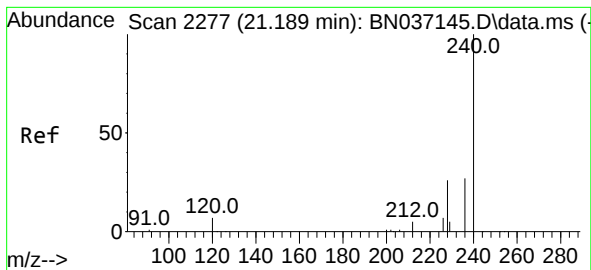
Delta R.T. 0.005 min

Lab File: BN037183.D

Acq: 05 Jun 2025 16:57

Tgt Ion:	212	Resp:	456
Ion Ratio	Lower	Upper	
212	100		
106	14.3	10.6	15.8
104	9.0	6.6	9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037183.D

Acq: 05 Jun 2025 16:57

Instrument :

BNA_N

ClientSampleId :

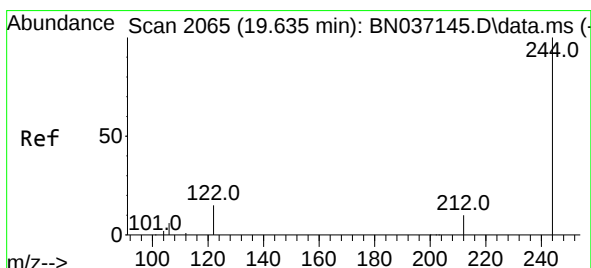
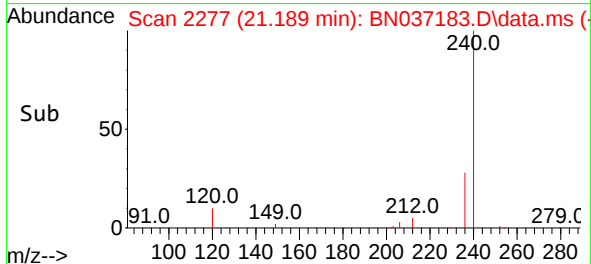
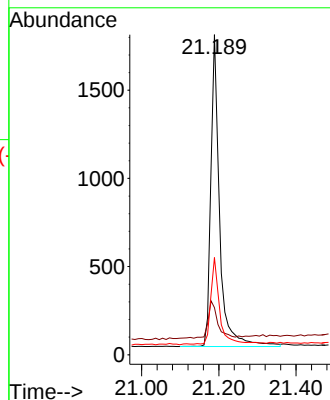
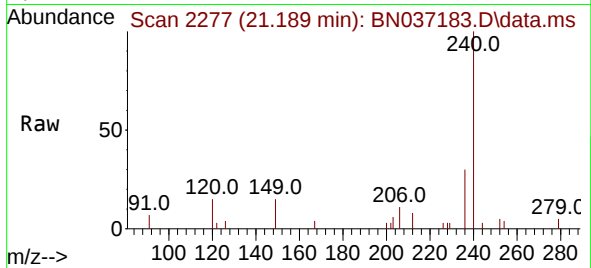
Tgt Ion:240 Resp: 2795

Ion Ratio Lower Upper

240 100

120 14.7 9.0 13.4#

236 30.4 23.0 34.4



#31

Terphenyl-d14

Concen: 0.052 ng

RT: 19.635 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BN037183.D

Acq: 05 Jun 2025 16:57

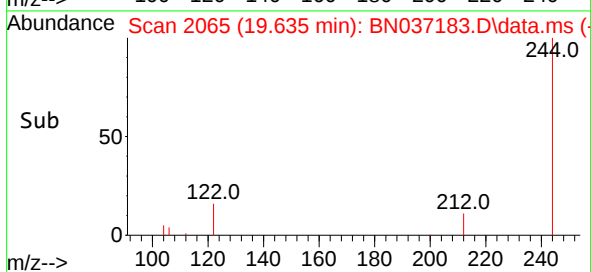
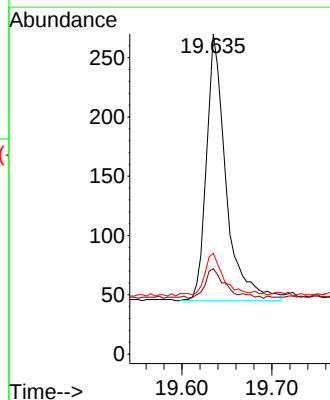
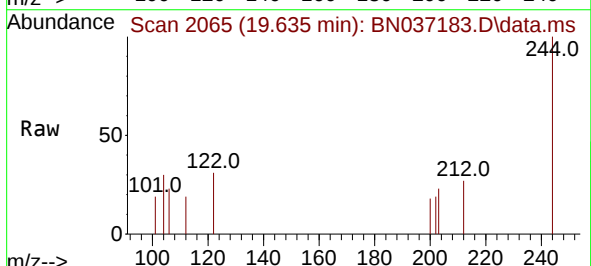
Tgt Ion:244 Resp: 341

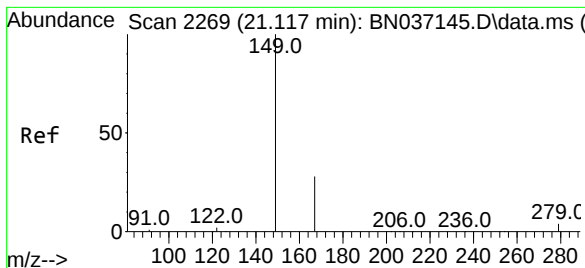
Ion Ratio Lower Upper

244 100

212 26.7 10.0 15.0#

122 31.5 13.2 19.8#

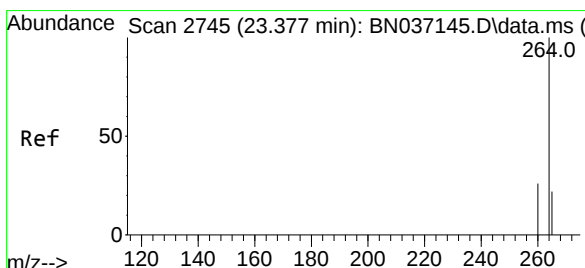
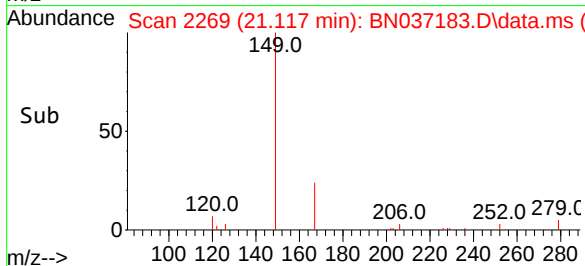
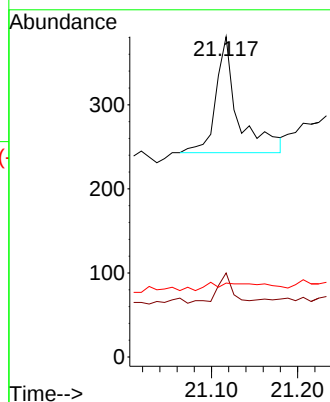
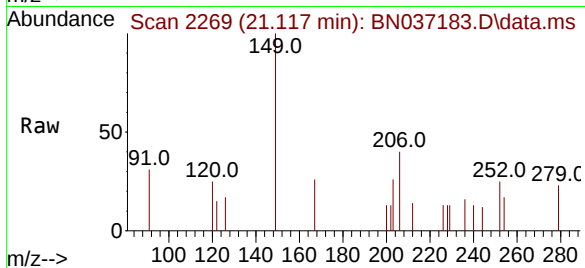




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.117 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN037183.D
 Acq: 05 Jun 2025 16:57

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 247
 Ion Ratio Lower Upper
 149 100
 167 12.6 21.0 31.4#
 279 7.7 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 2746
 Delta R.T. 0.003 min
 Lab File: BN037183.D
 Acq: 05 Jun 2025 16:57

Tgt Ion:264 Resp: 2507
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.1 33.1
 265 81.1 55.8 83.8

