

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037539.D
 Acq On : 22 Jul 2025 15:04
 Operator : RC/JU
 Sample : Q2643-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 15:41:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

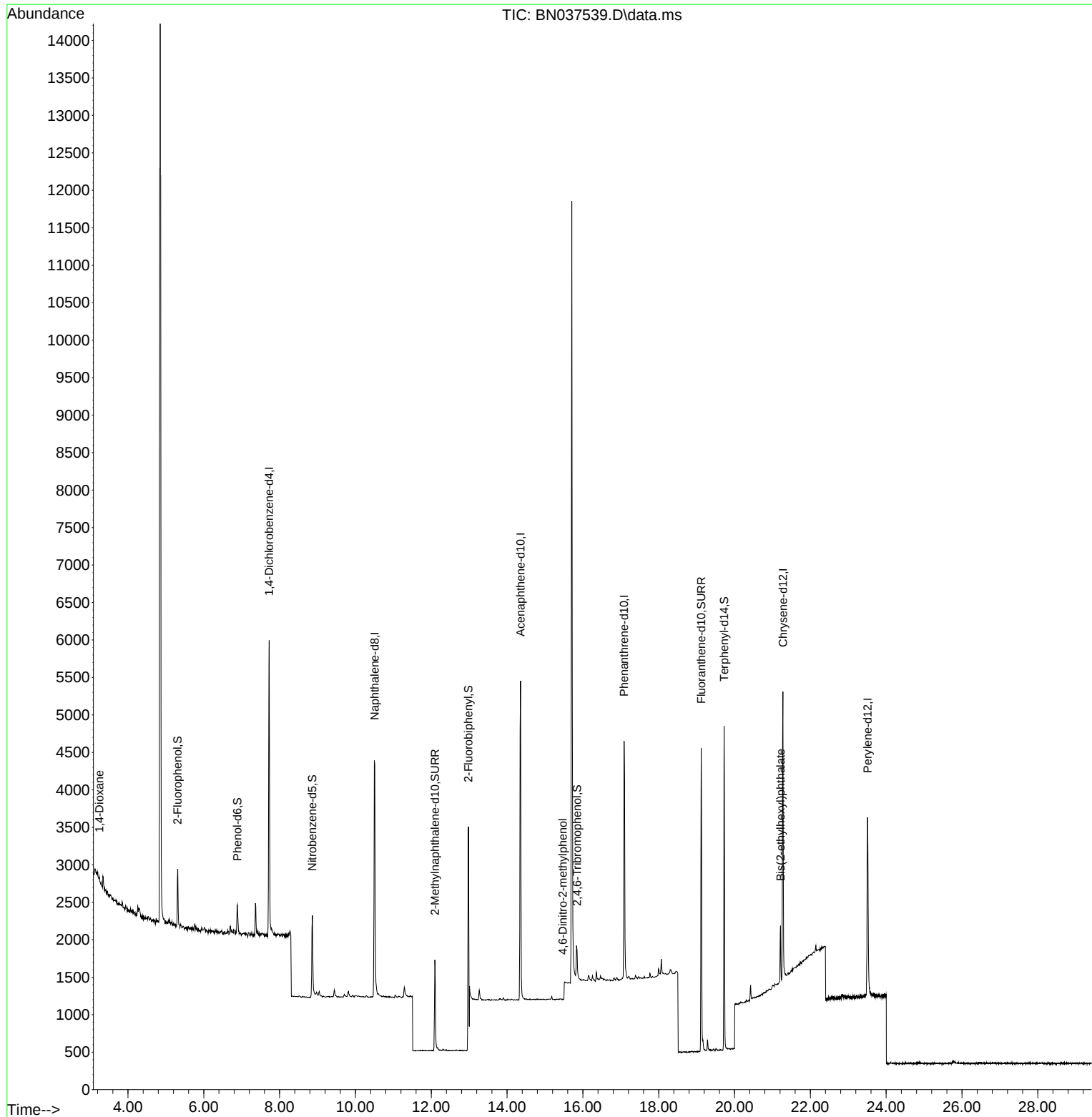
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1999	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5002	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2550	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4929	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3886	0.400	ng	0.00
35) Perylene-d12	23.510	264	3365	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	571	0.116	ng	0.00
5) Phenol-d6	6.886	99	369	0.060	ng	0.00
8) Nitrobenzene-d5	8.864	82	1040	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1822	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	291	0.232	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	4004	0.302	ng	0.00
27) Fluoranthene-d10	19.122	212	4564	0.350	ng	0.00
31) Terphenyl-d14	19.726	244	4093	0.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	42	0.022	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.467	198	2	0.096	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.214	149	820	0.134	ng	96

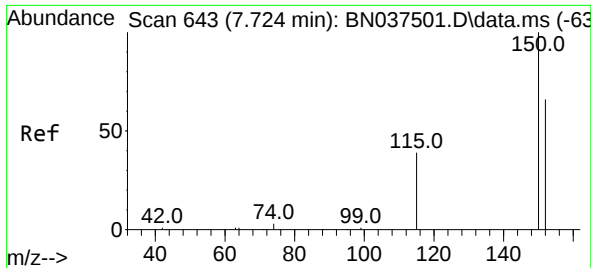
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037539.D
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Operator : RC/JU
Sample : Q2643-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

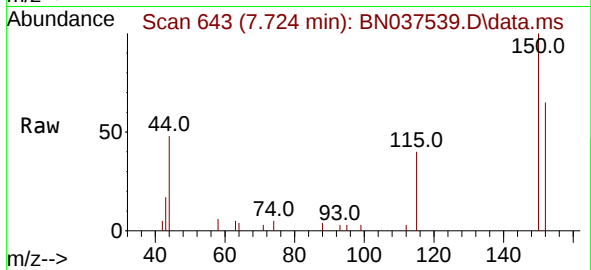
Quant Time: Jul 22 15:41:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



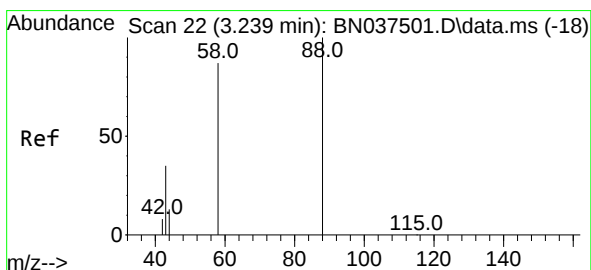
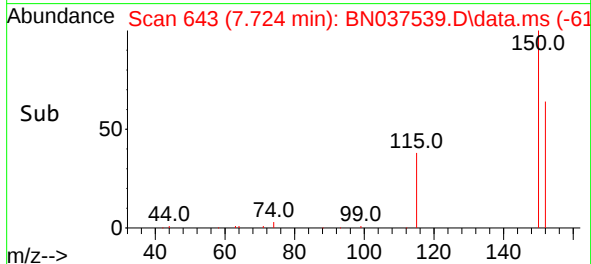
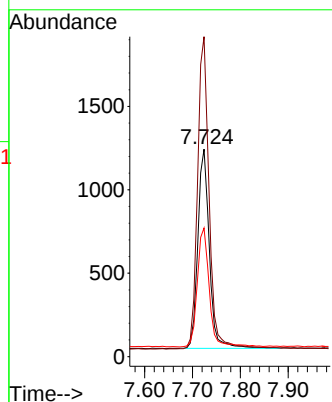


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037539.D
 Acq: 22 Jul 2025 15:04

Instrument :
 BNA_N
 ClientSampleId :

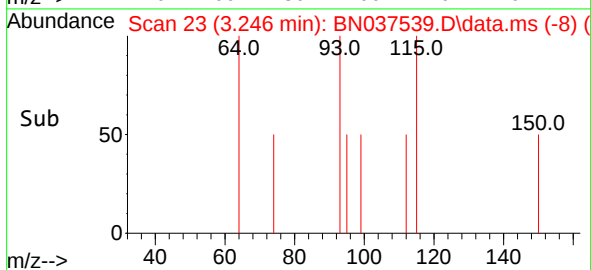
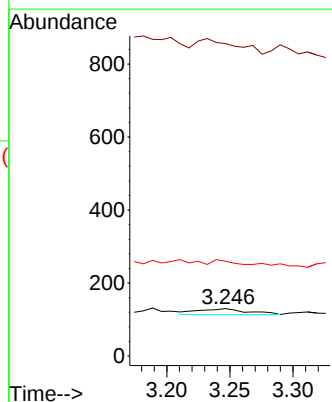
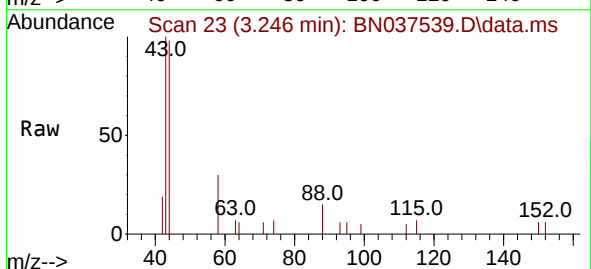


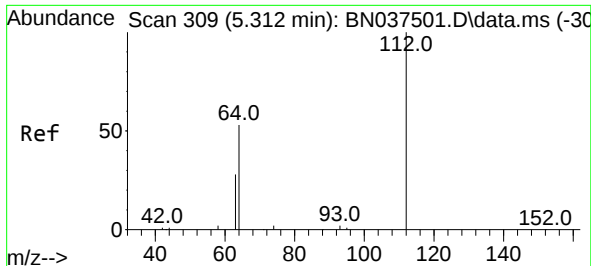
Tgt Ion:152 Resp: 1999
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.8 179.8
 115 62.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.246 min Scan# 23
 Delta R.T. 0.007 min
 Lab File: BN037539.D
 Acq: 22 Jul 2025 15:04

Tgt Ion: 88 Resp: 42
 Ion Ratio Lower Upper
 88 100
 43 211.9 27.5 41.3#
 58 26.2 62.7 94.1#

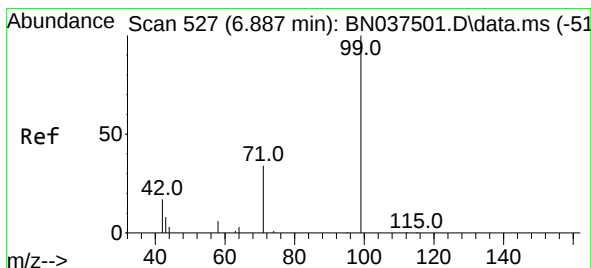
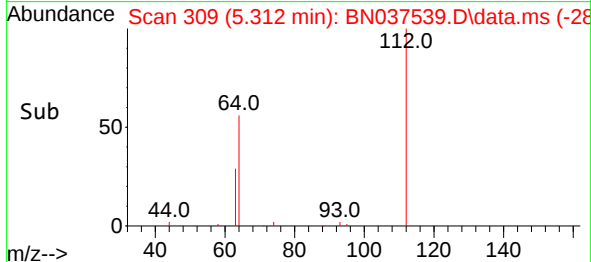
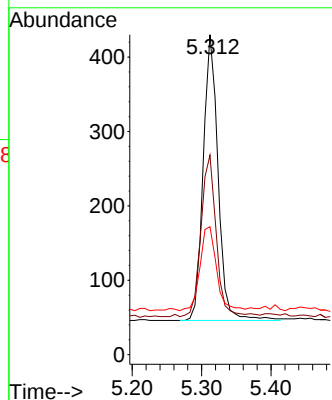
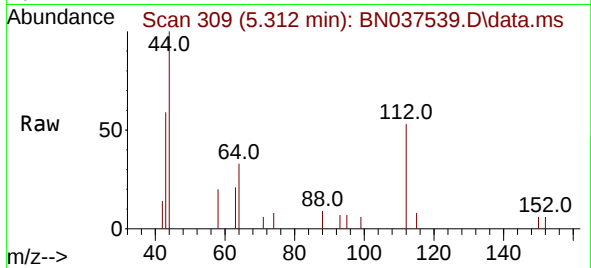




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

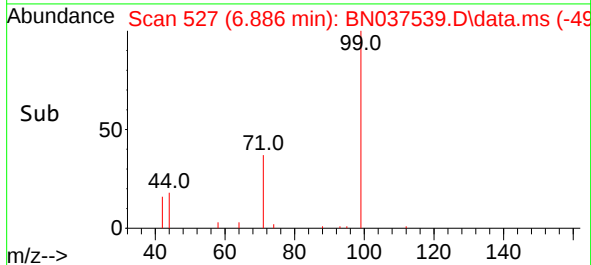
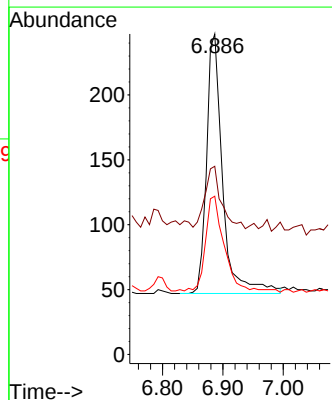
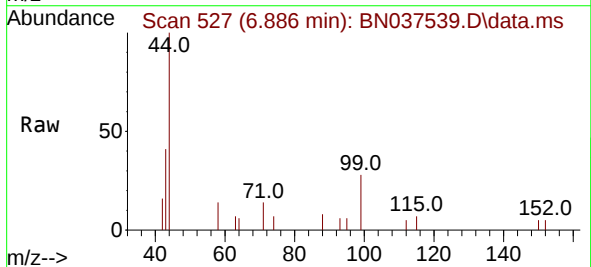
Instrument :
BNA_N
ClientSampleId :

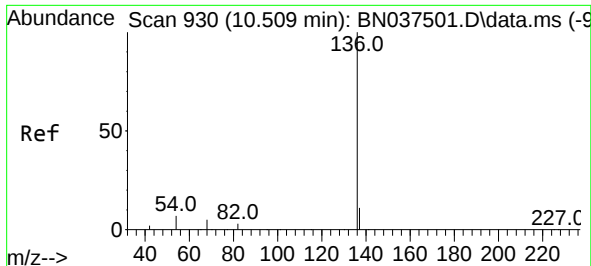
Tgt Ion:112 Resp: 571
Ion Ratio Lower Upper
112 100
64 58.5 45.1 67.7
63 32.4 23.8 35.8



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

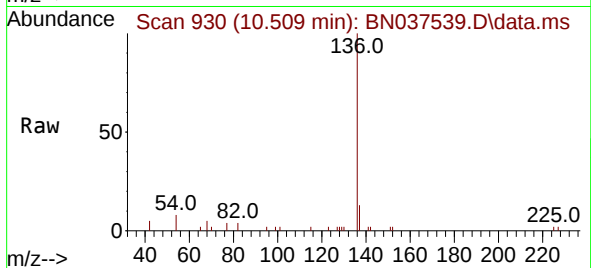
Tgt Ion: 99 Resp: 369
Ion Ratio Lower Upper
99 100
42 25.5 17.1 25.7
71 44.4 27.8 41.8#



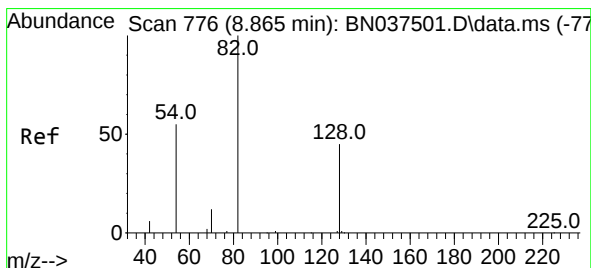
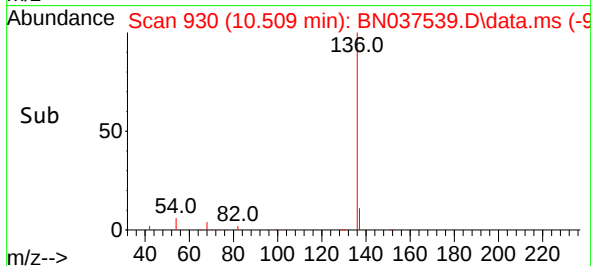
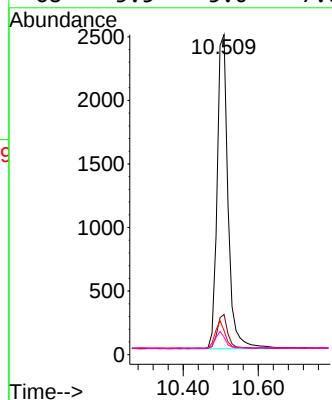


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

Instrument :
BNA_N
ClientSampleId :

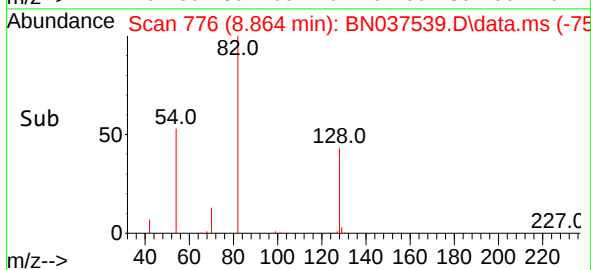
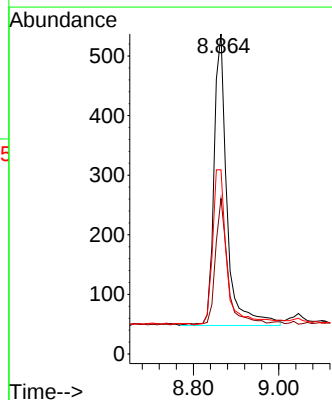
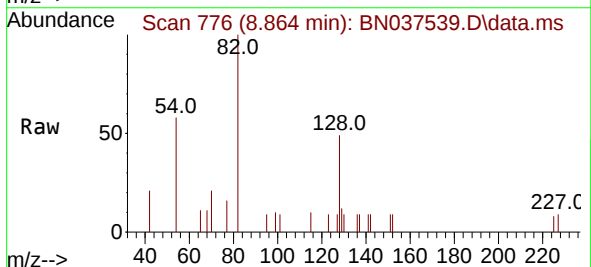


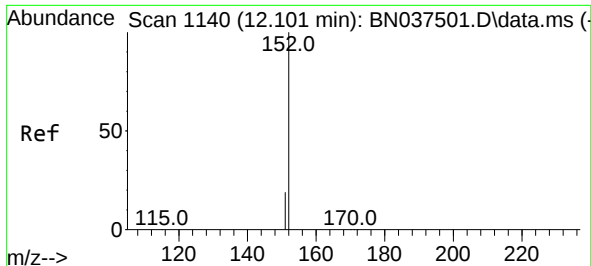
Tgt Ion:	136	Resp:	5002
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	7.5	6.6	9.8
68	5.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

Tgt Ion:	82	Resp:	1040
Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.5	56.3
54	57.5	45.3	67.9

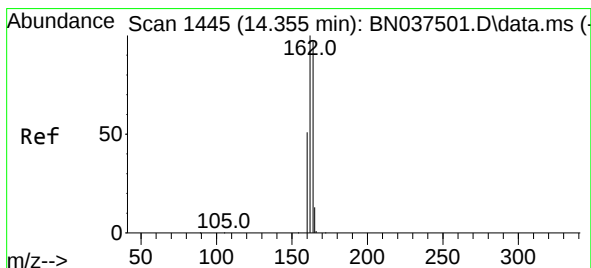
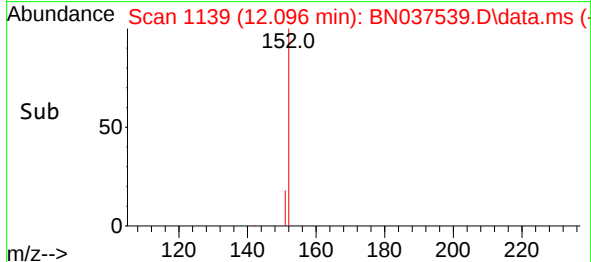
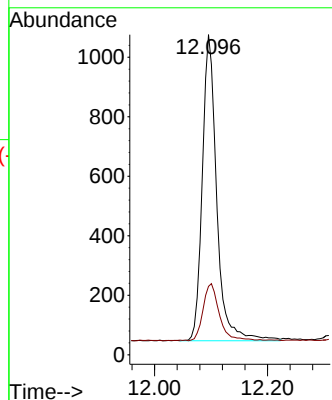
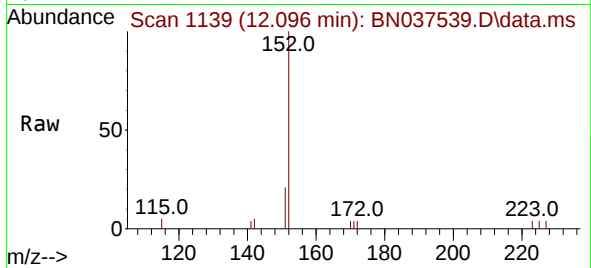




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

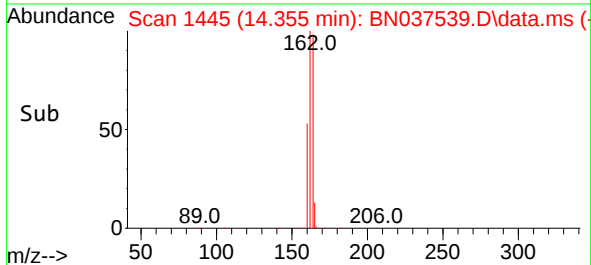
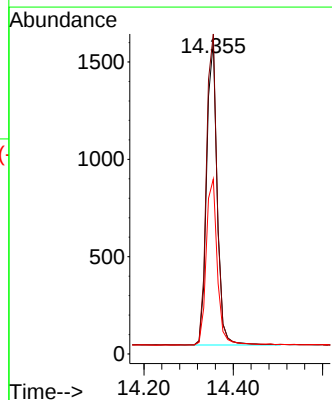
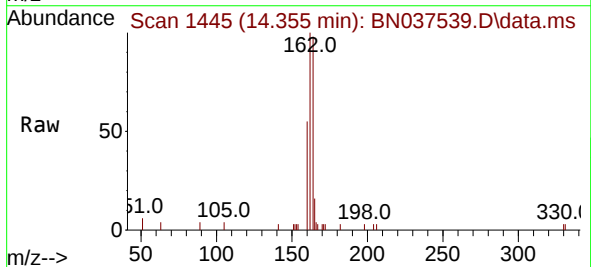
Instrument :
BNA_N
ClientSampleId :

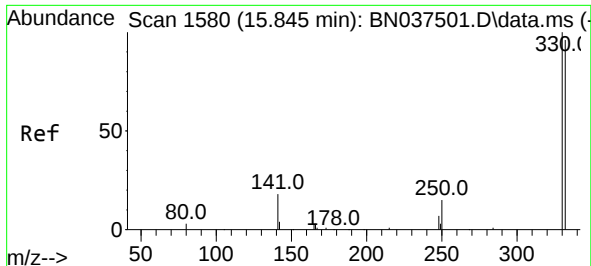
Tgt Ion:152 Resp: 1822
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

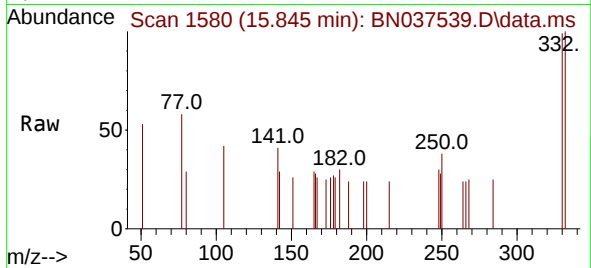
Tgt Ion:164 Resp: 2550
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 56.0 42.4 63.6



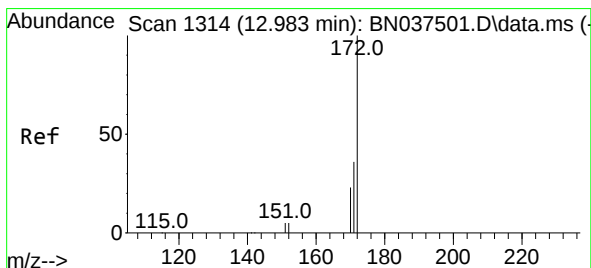
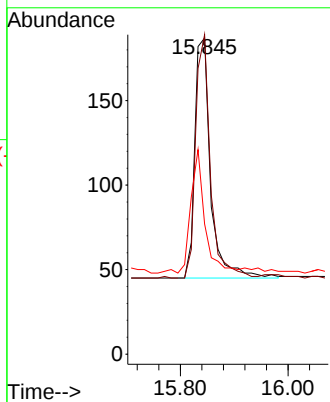
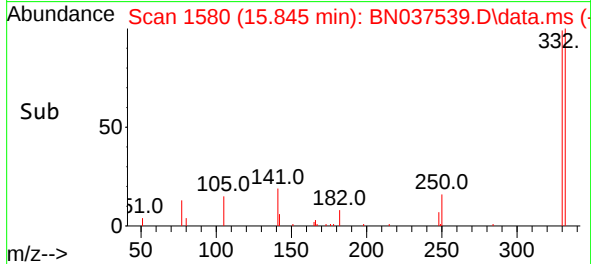


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

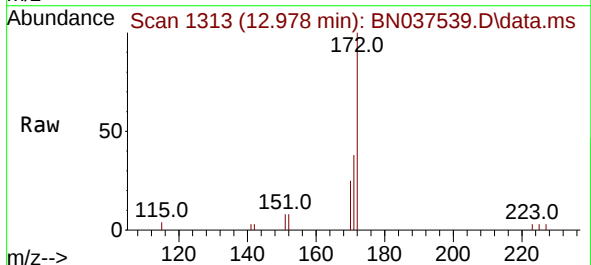
Instrument :
BNA_N
ClientSampleId :



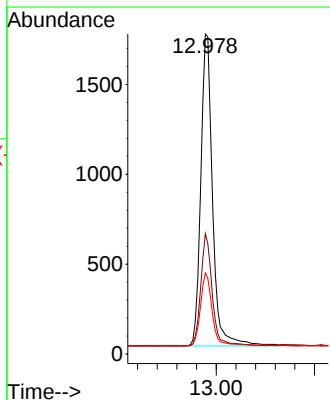
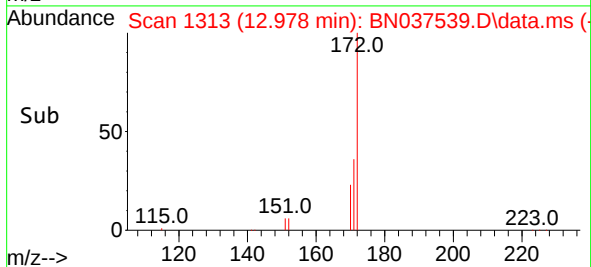
Tgt Ion:330 Resp: 291
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 45.7 33.4 50.0

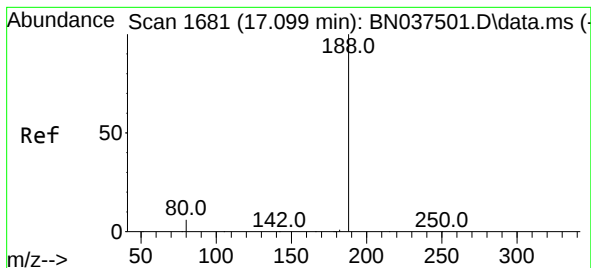


#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04



Tgt Ion:172 Resp: 4004
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.2
170 25.4 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.013 min

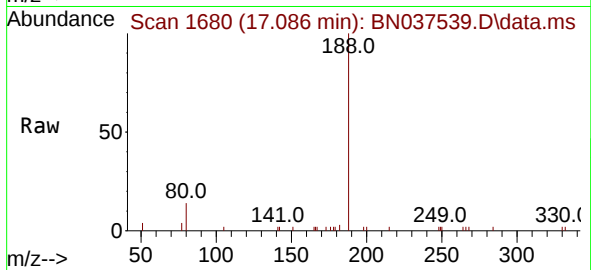
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Acq: 22 Jul 2025 15:04

Instrument :

BNA_N

ClientSampleId :



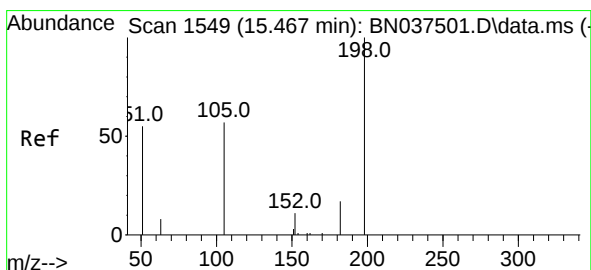
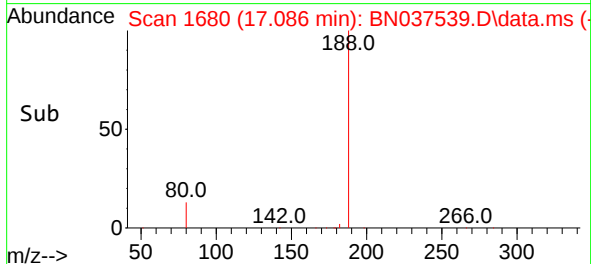
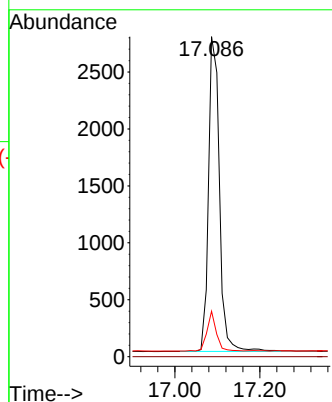
Tgt Ion:188 Resp: 4929

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 6.0 9.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.096 ng

RT: 15.467 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN037539.D

Acq: 22 Jul 2025 15:04

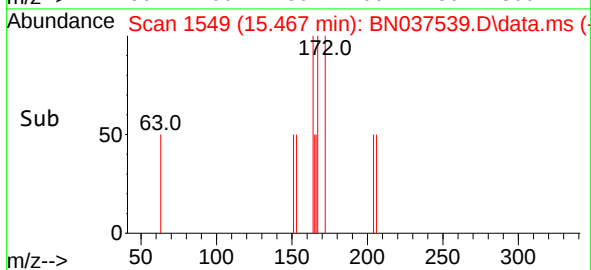
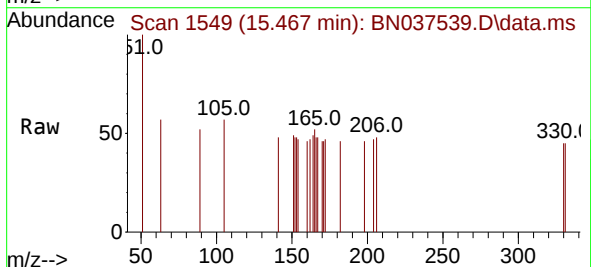
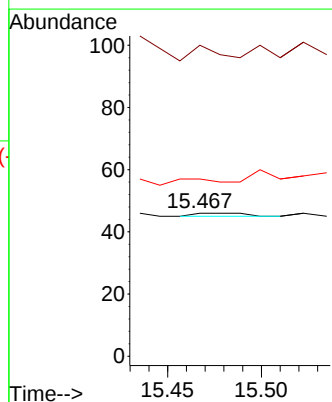
Tgt Ion:198 Resp: 2

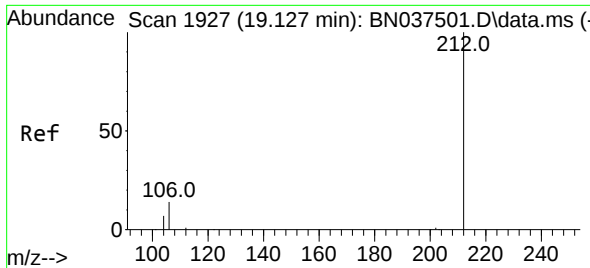
Ion Ratio Lower Upper

198 100

51 217.4 88.5 132.7#

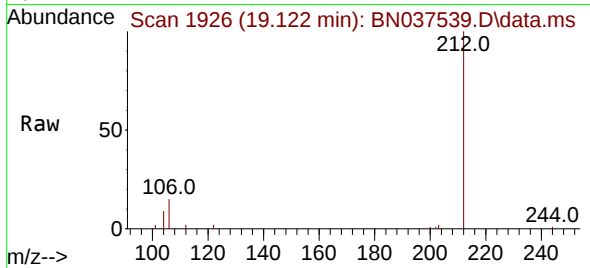
105 123.9 61.2 91.8#



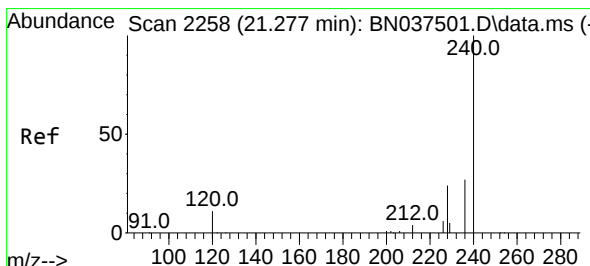
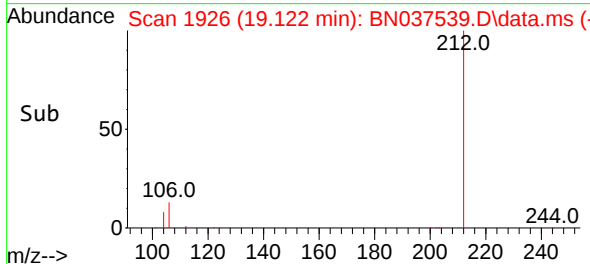
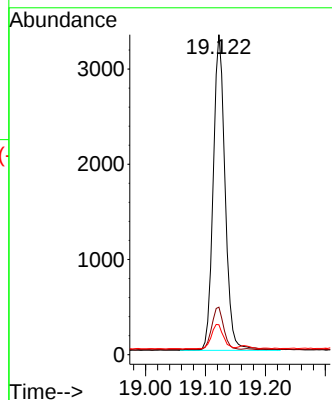


#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

Instrument :
BNA_N
ClientSampleId :

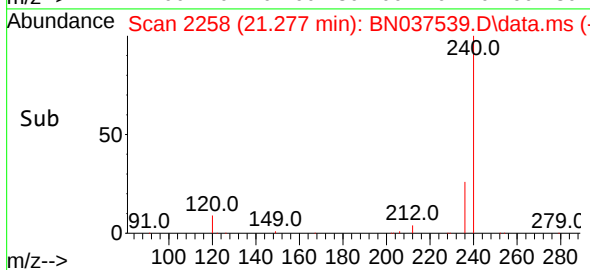
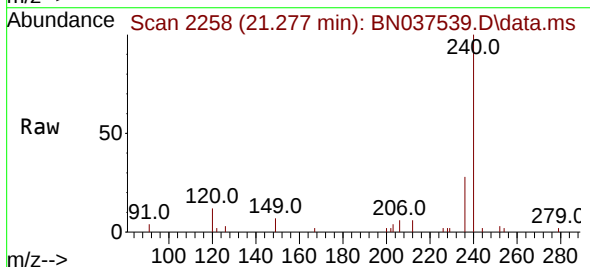
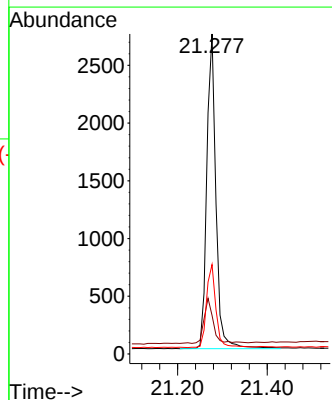


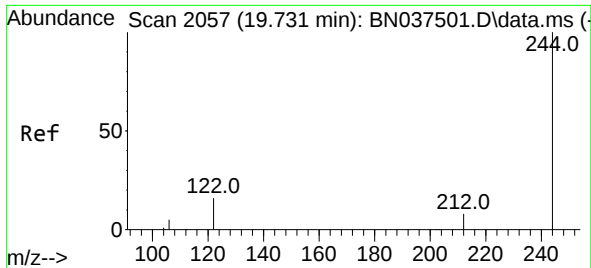
Tgt Ion:212 Resp: 4564
Ion Ratio Lower Upper
212 100
106 13.5 12.2 18.4
104 7.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

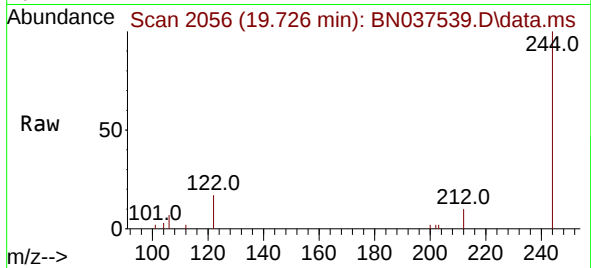
Tgt Ion:240 Resp: 3886
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 28.0 22.6 33.8



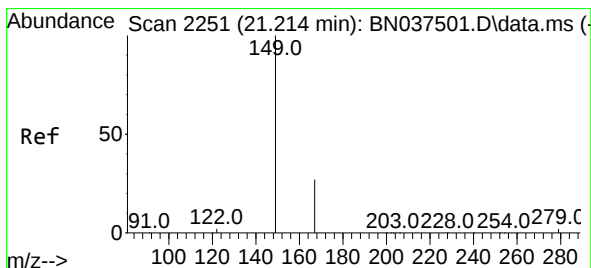
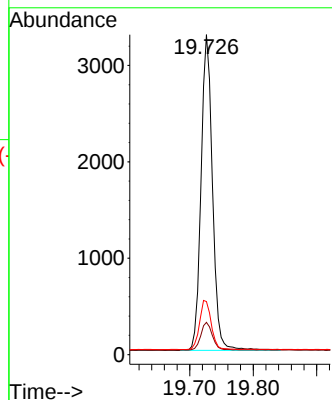
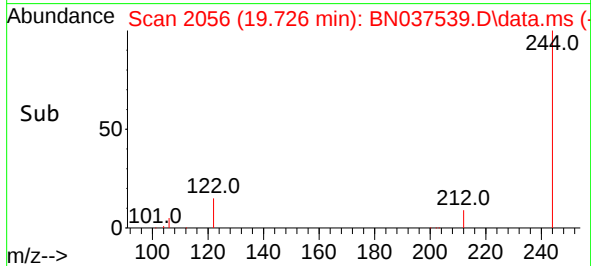


#31
 Terphenyl-d14
 Concen: 0.490 ng
 RT: 19.726 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037539.D
 Acq: 22 Jul 2025 15:04

Instrument :
 BNA_N
 ClientSampleId :

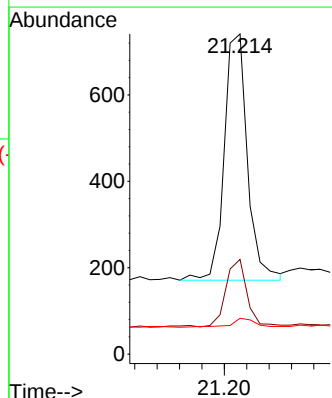
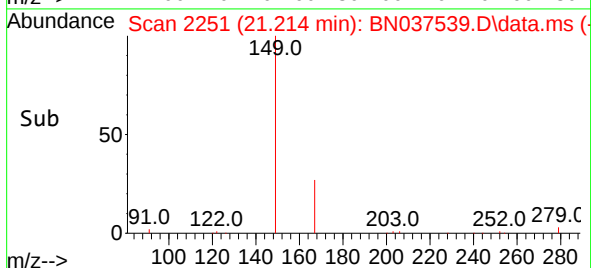
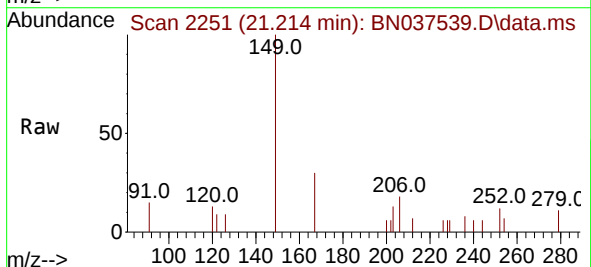


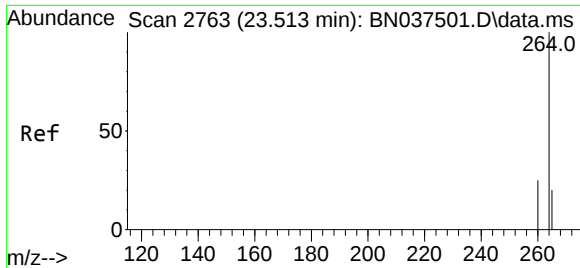
Tgt Ion:244 Resp: 4093
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.4 11.2
 122 16.6 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN037539.D
 Acq: 22 Jul 2025 15:04

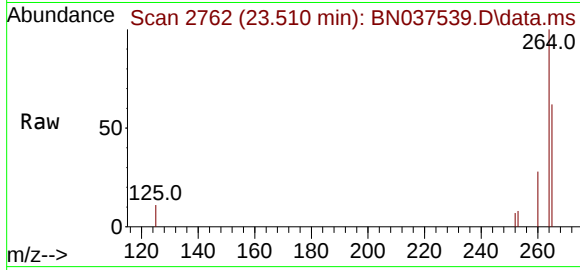
Tgt Ion:149 Resp: 820
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.8 32.8
 279 3.9 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037539.D
Acq: 22 Jul 2025 15:04

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	3365
Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.2	31.8
265	61.8	40.4	60.6#

