

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037951.D
 Acq On : 30 Sep 2025 18:22
 Operator : RC/JU
 Sample : Q3193-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20250922

Quant Time: Sep 30 18:48:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

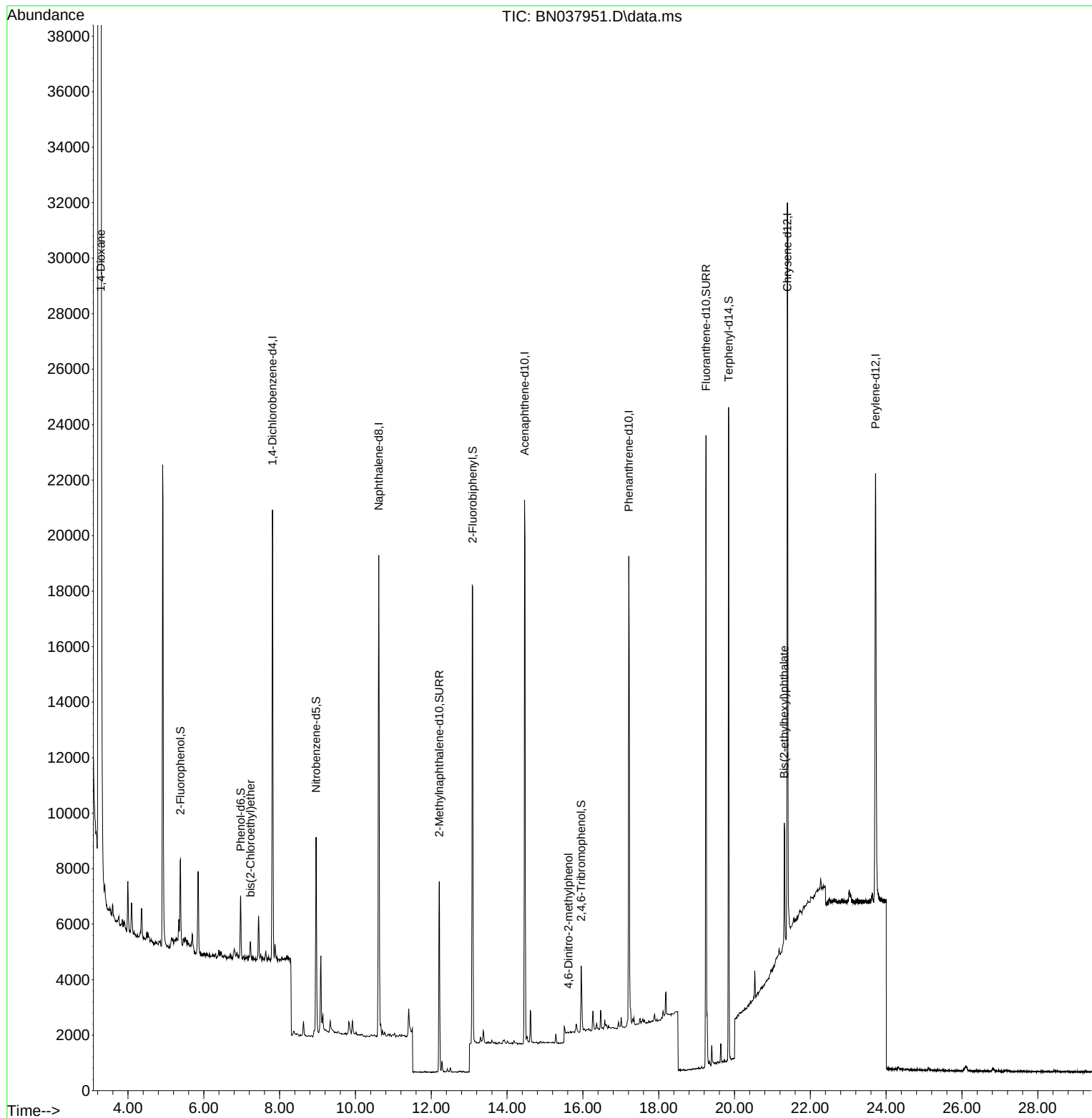
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7660	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	22207	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11684	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23947	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	23880	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	22435	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2530	0.145	ng	0.00
5) Phenol-d6	6.973	99	2037	0.089	ng	0.00
8) Nitrobenzene-d5	8.961	82	5522	0.326	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	9130	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1395	0.315	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	15694	0.328	ng	0.00
27) Fluoranthene-d10	19.248	212	24348	0.404	ng	0.00
31) Terphenyl-d14	19.847	244	21444	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	33996	4.372	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.233	93	480	0.023	ng	88
20) 4,6-Dinitro-2-methylph...	15.622	198	6	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	4672	0.142	ng	# 99

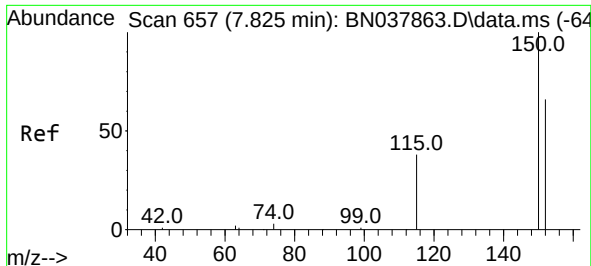
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037951.D
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Sample : Q3193-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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RE137-20250922

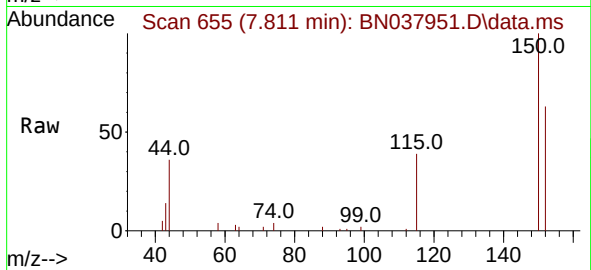
Quant Time: Sep 30 18:48:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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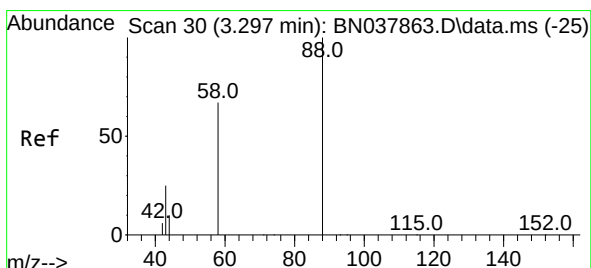
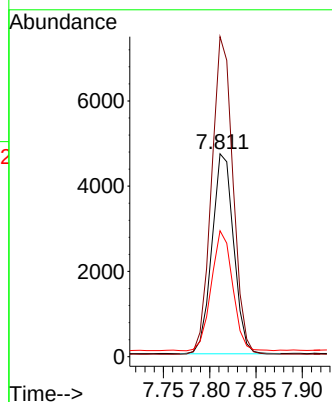
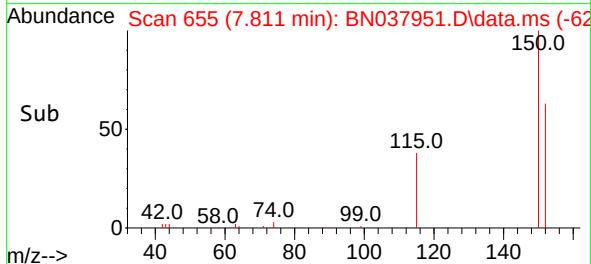


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037951.D
 Acq: 30 Sep 2025 18:22

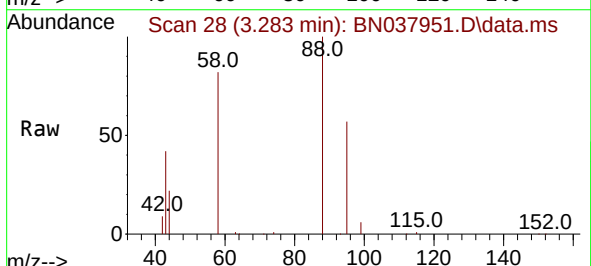
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20250922



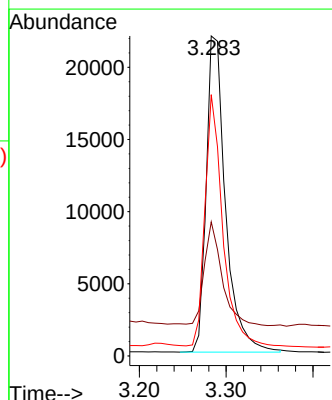
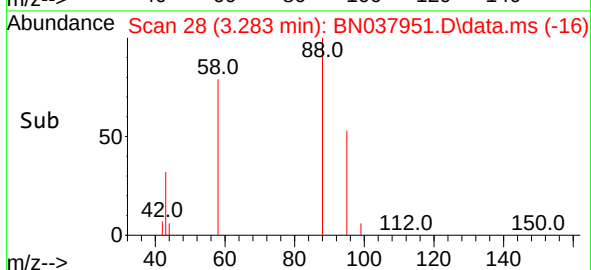
Tgt Ion:152 Resp: 7660
 Ion Ratio Lower Upper
 152 100
 150 157.7 121.0 181.4
 115 62.1 47.4 71.0

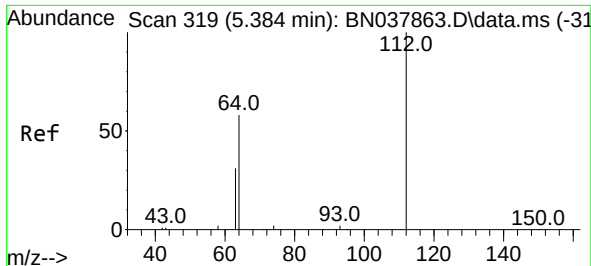


#2
 1,4-Dioxane
 Concen: 4.372 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.014 min
 Lab File: BN037951.D
 Acq: 30 Sep 2025 18:22



Tgt Ion: 88 Resp: 33996
 Ion Ratio Lower Upper
 88 100
 43 29.8 26.6 39.8
 58 72.7 58.9 88.3





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.384 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN037951.D

Acq: 30 Sep 2025 18:22

Instrument :

BNA_N

ClientSampleId :

RE137-20250922

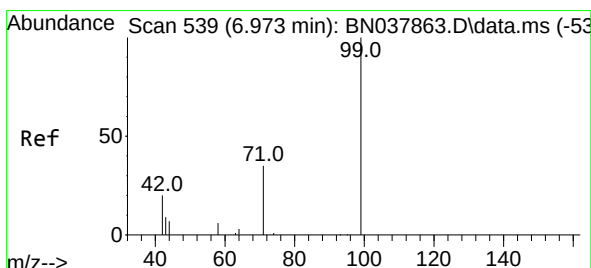
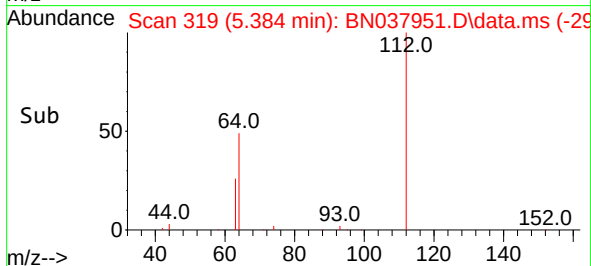
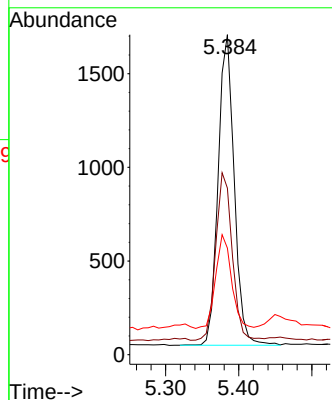
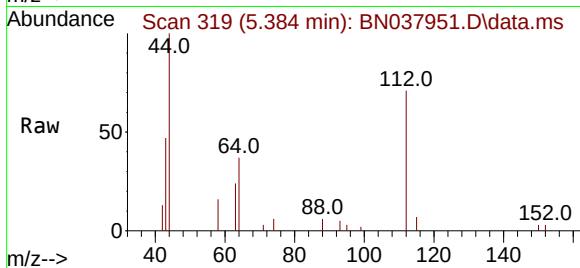
Tgt Ion:112 Resp: 2530

Ion Ratio Lower Upper

112 100

64 55.2 44.6 66.8

63 29.9 24.9 37.3



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.973 min Scan# 539

Delta R.T. 0.000 min

Lab File: BN037951.D

Acq: 30 Sep 2025 18:22

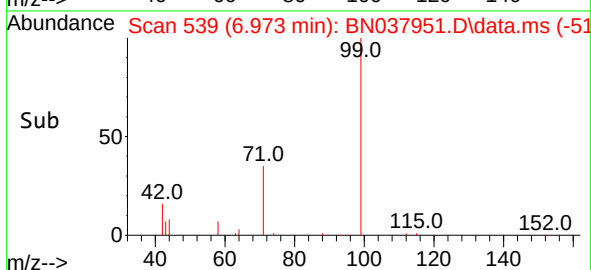
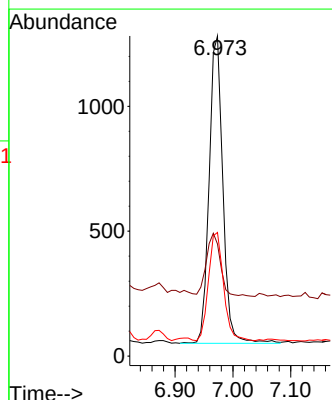
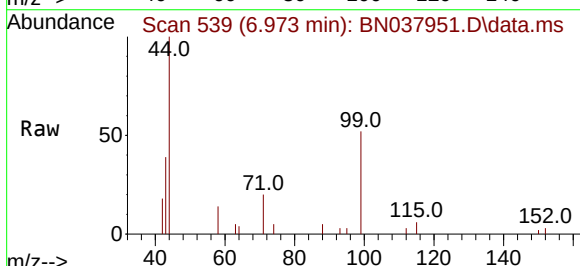
Tgt Ion: 99 Resp: 2037

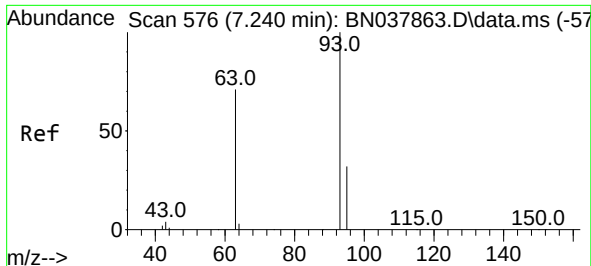
Ion Ratio Lower Upper

99 100

42 20.9 17.2 25.8

71 38.3 27.3 40.9

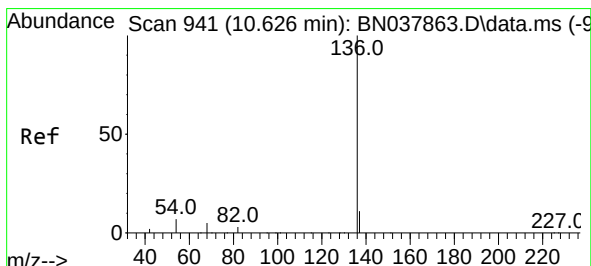
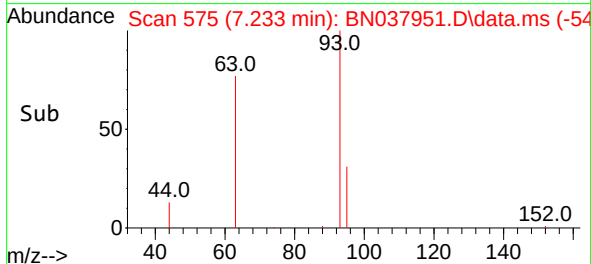
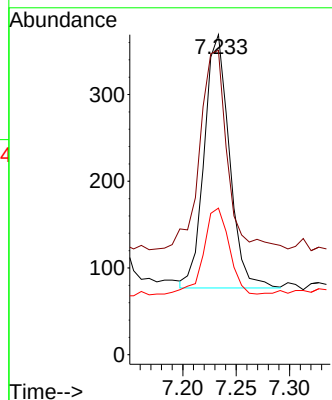
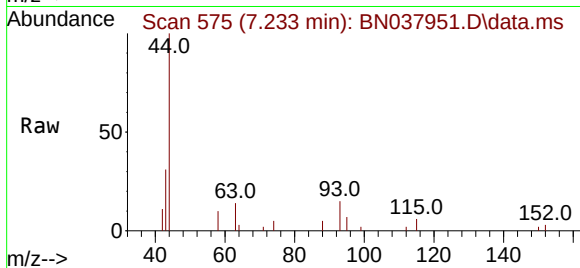




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.233 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

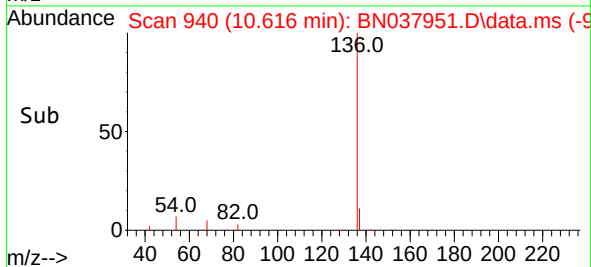
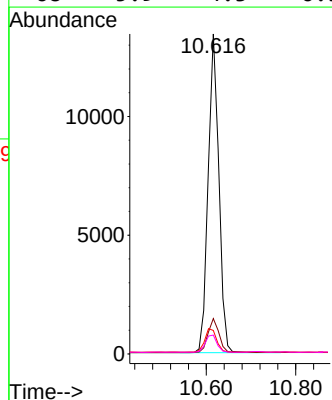
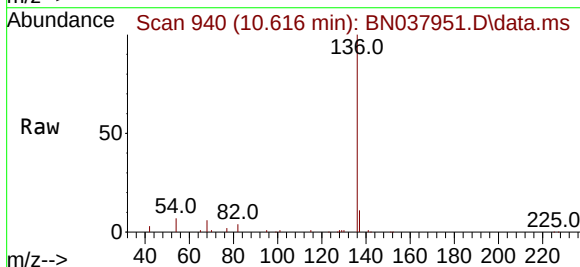
Instrument :
BNA_N
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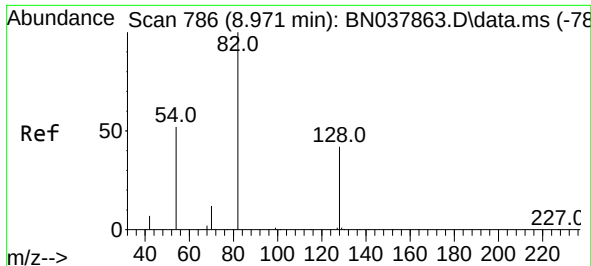
Tgt Ion: 93	Resp:	480	
Ion	Ratio	Lower	Upper
93	100		
63	86.0	60.1	90.1
95	37.5	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

Tgt	Ion:136	Resp:	22207
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.8	8.8
68	5.9	4.3	6.5

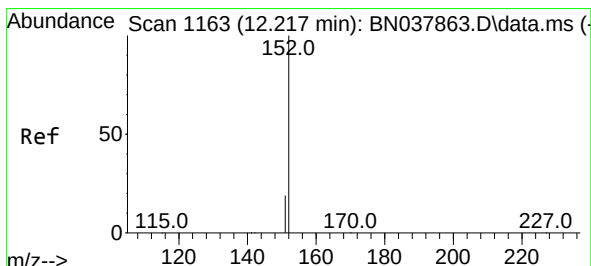
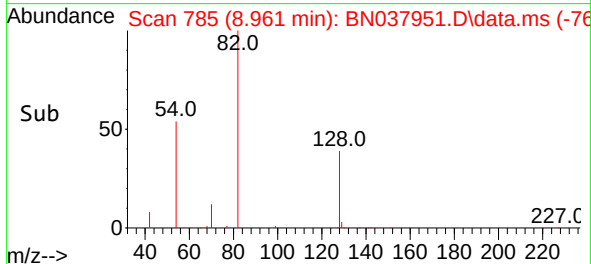
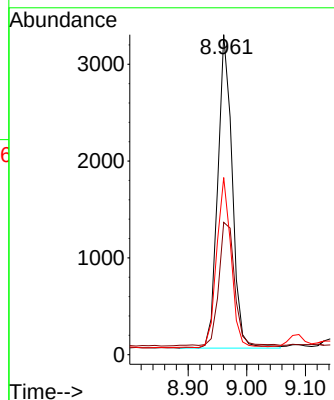
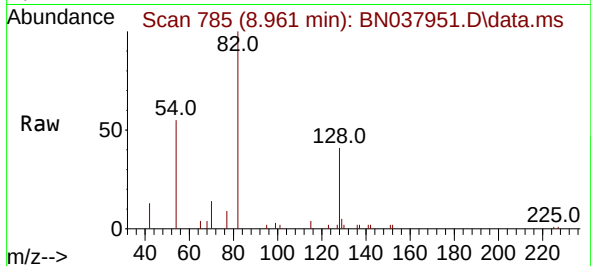




#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

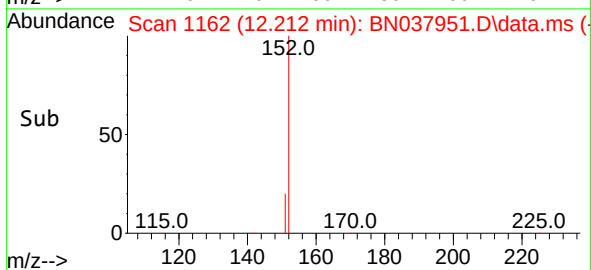
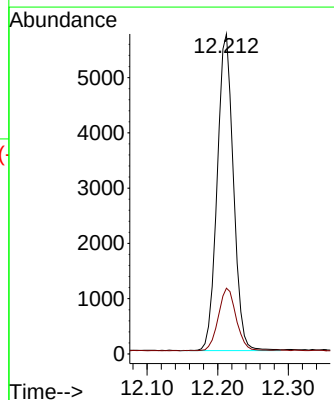
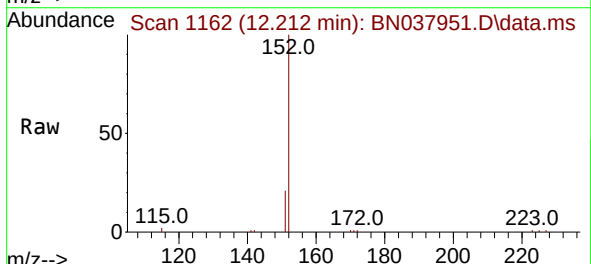
Instrument :
BNA_N
ClientSampleId :
RE137-20250922

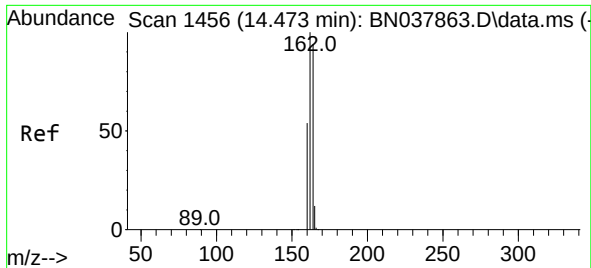
Tgt Ion: 82 Resp: 5522
Ion Ratio Lower Upper
82 100
128 41.4 34.8 52.2
54 55.3 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

Tgt Ion: 152 Resp: 9130
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2

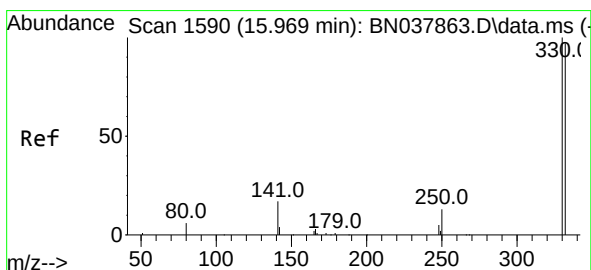
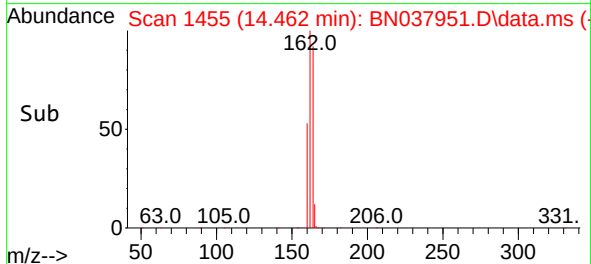
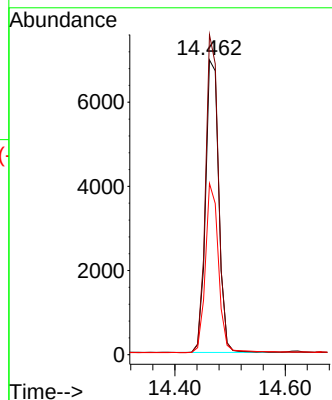
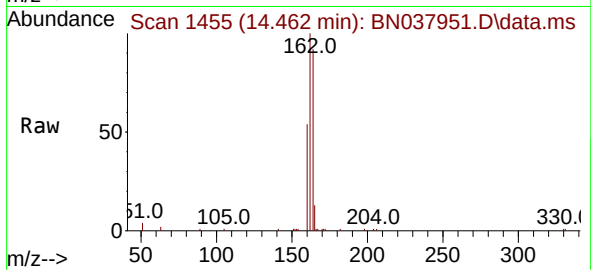




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

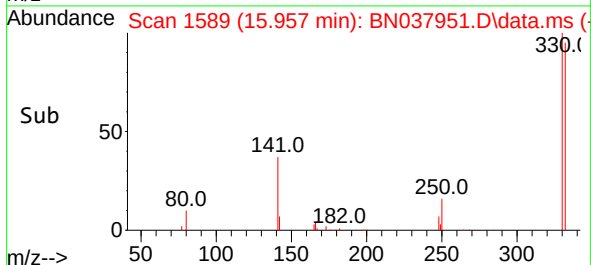
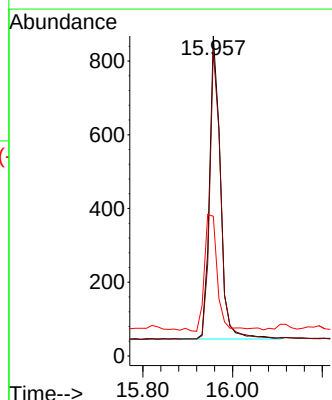
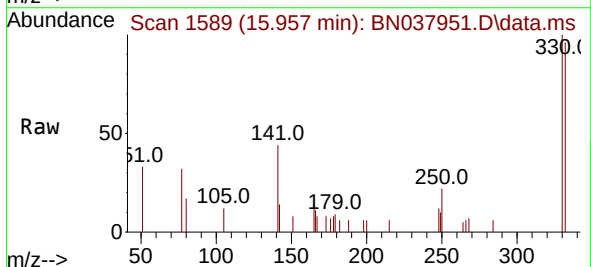
Instrument :
BNA_N
ClientSampleId :
RE137-20250922

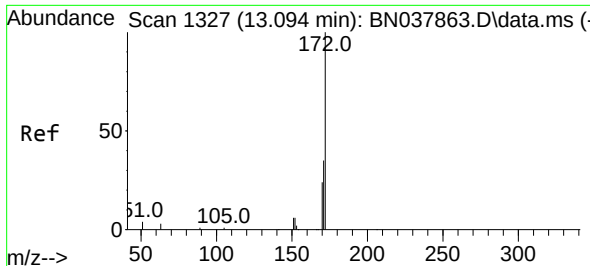
Tgt Ion:164 Resp: 11684
Ion Ratio Lower Upper
164 100
162 108.5 84.8 127.2
160 58.1 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

Tgt Ion:330 Resp: 1395
Ion Ratio Lower Upper
330 100
332 95.3 77.2 115.8
141 45.7 37.2 55.8

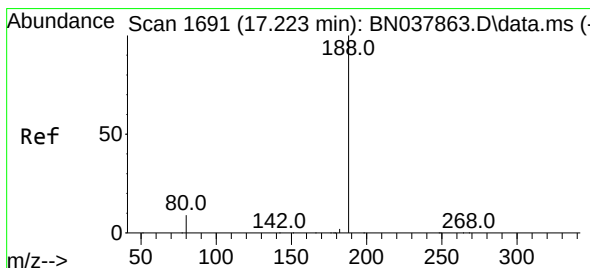
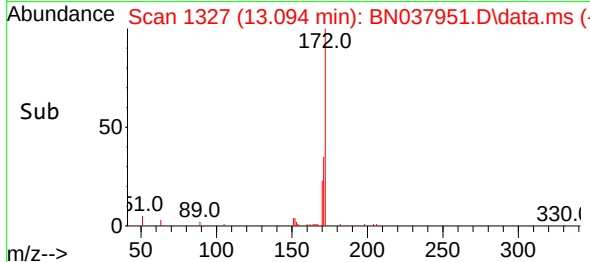
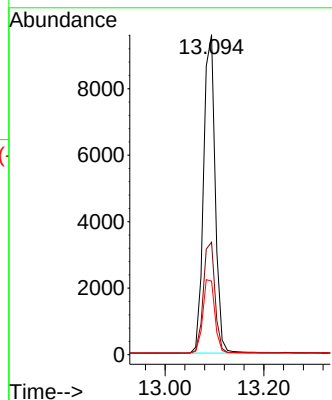
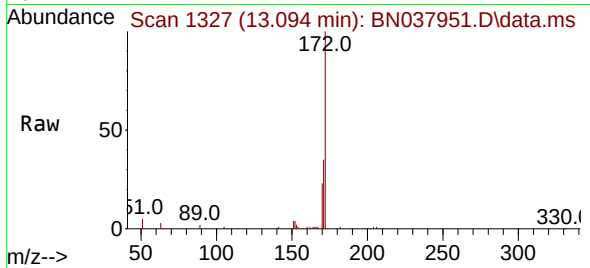




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

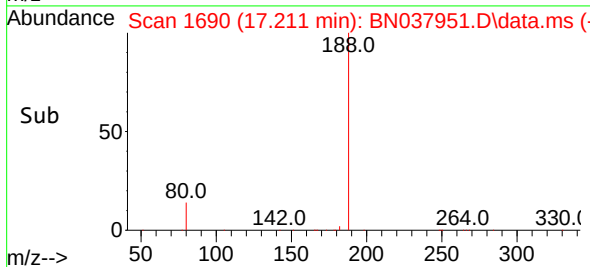
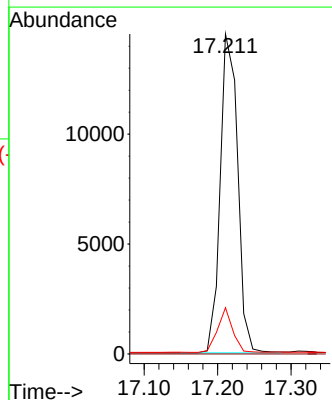
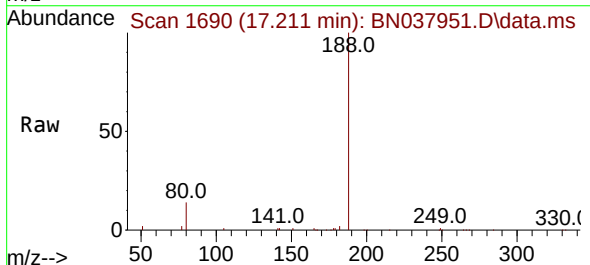
Instrument :
BNA_N
ClientSampleId :
RE137-20250922

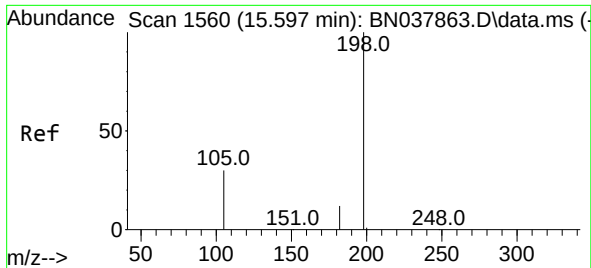
Tgt Ion:172 Resp: 15694
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

Tgt Ion:188 Resp: 23947
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 7.6 11.4#

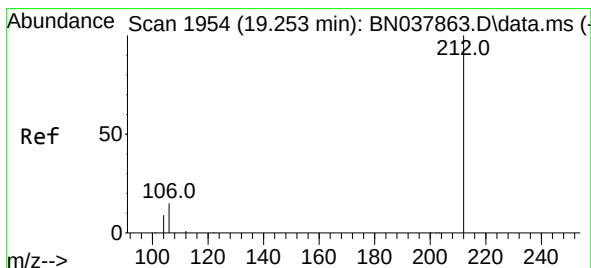
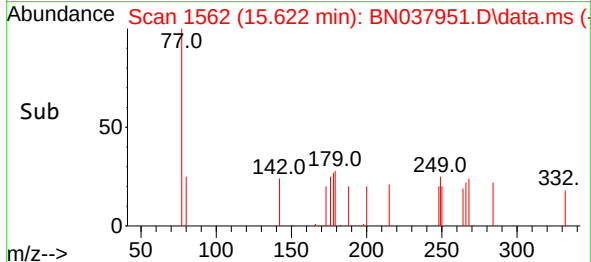
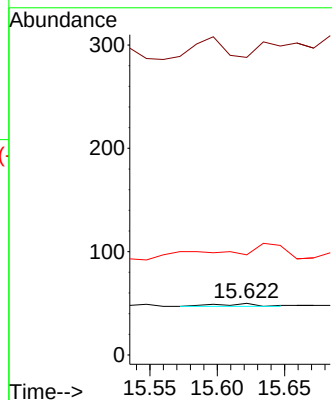
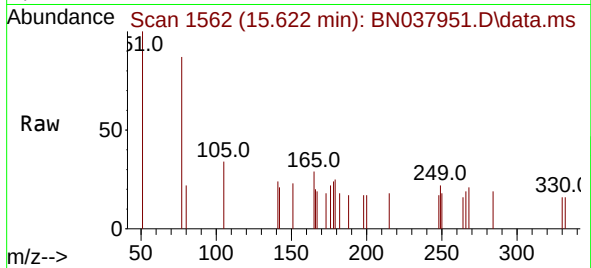




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.622 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

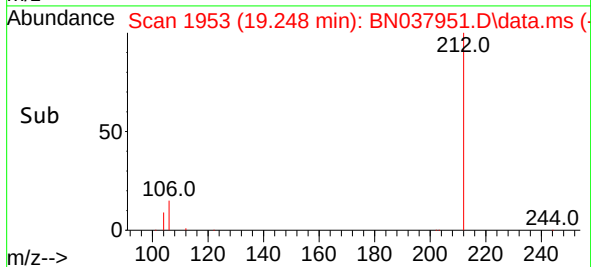
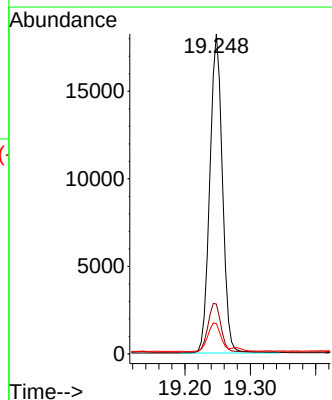
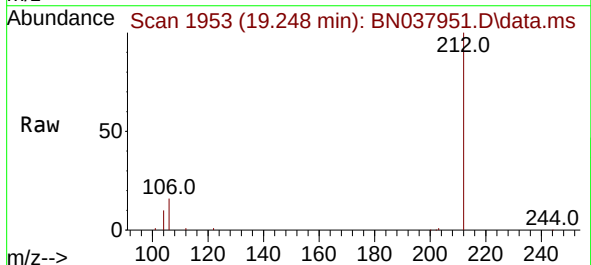
Instrument :
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RE137-20250922

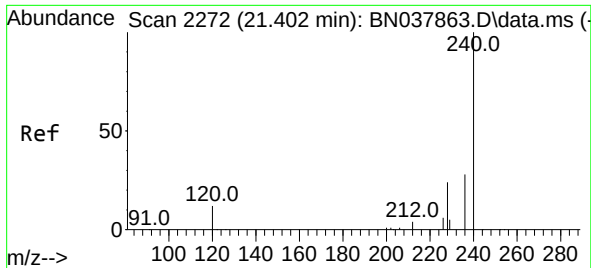
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 576.0 59.1 88.7#
105 194.0 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

Tgt Ion:212 Resp: 24348
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.5 7.4 11.0

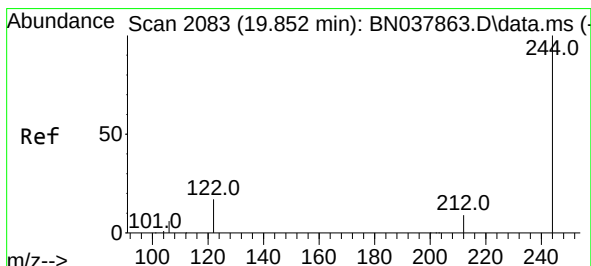
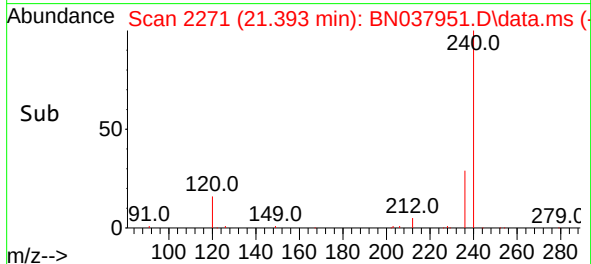
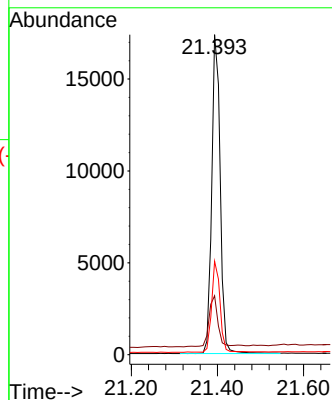
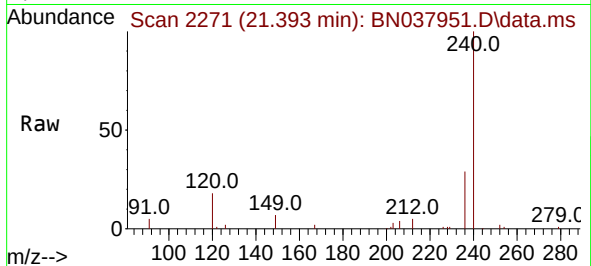




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

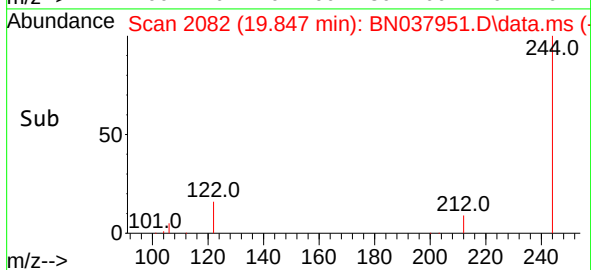
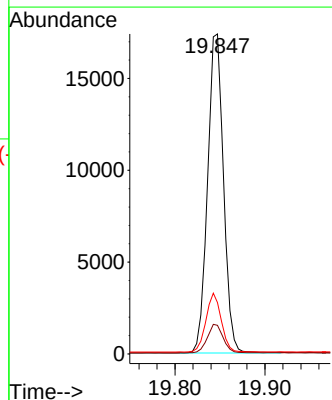
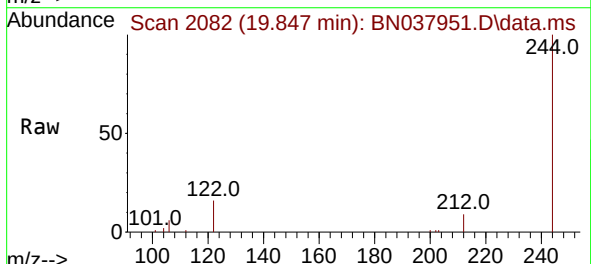
Instrument :
BNA_N
ClientSampleId :
RE137-20250922

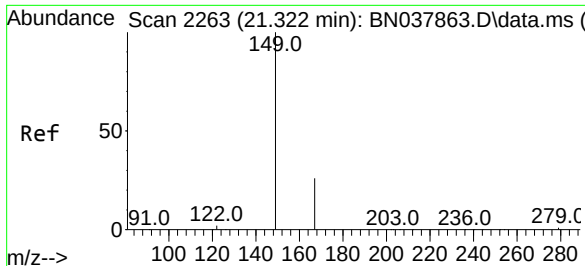
Tgt Ion:240 Resp: 23880
Ion Ratio Lower Upper
240 100
120 18.4 11.4 17.2#
236 29.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037951.D
Acq: 30 Sep 2025 18:22

Tgt Ion:244 Resp: 21444
Ion Ratio Lower Upper
244 100
212 9.0 7.6 11.4
122 16.1 13.9 20.9

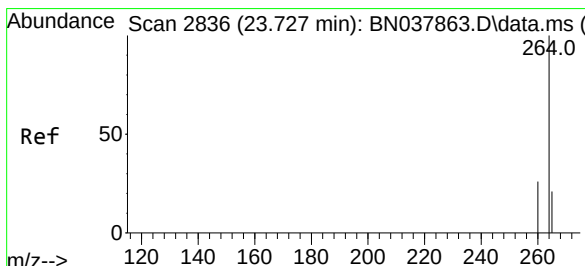
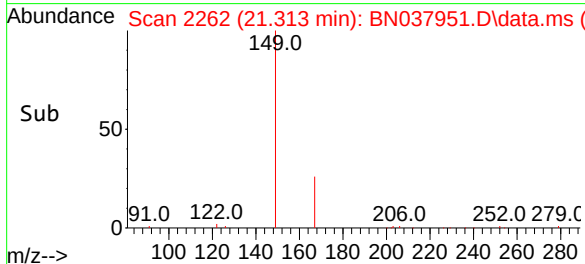
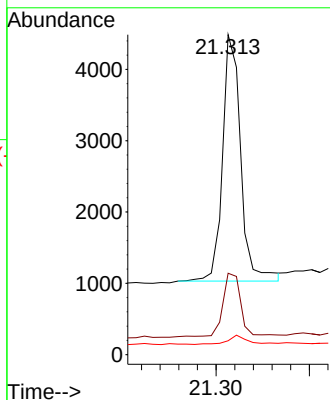
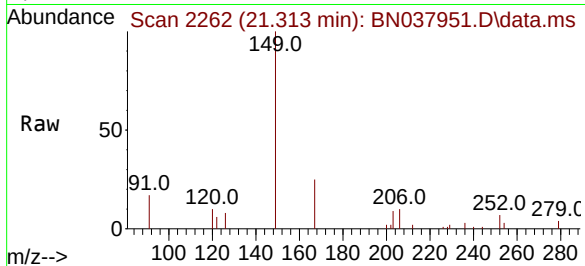




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.142 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037951.D
 Acq: 30 Sep 2025 18:22

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20250922

Tgt Ion:149 Resp: 4672
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 4.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.721 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BN037951.D
 Acq: 30 Sep 2025 18:22

Tgt Ion:264 Resp: 22435
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.5 32.3
 265 61.3 53.8 80.6

