

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037047.D
 Acq On : 19 May 2025 16:15
 Operator : RC/JU
 Sample : Q2064-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-90-20250514

Quant Time: May 19 17:24:27 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)

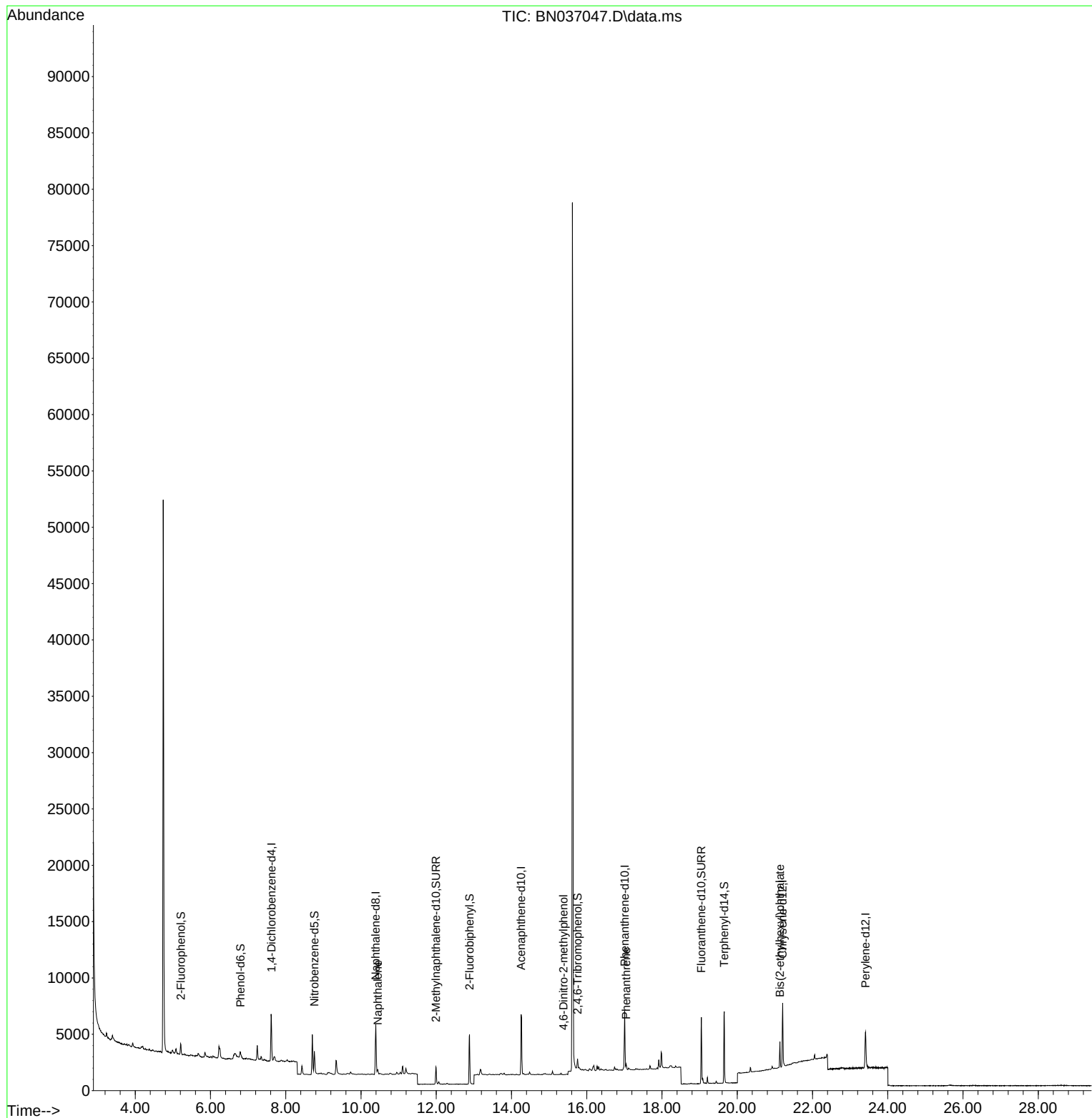
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2025	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5455	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	3218	0.400	ng	-0.01
19) Phenanthrene-d10	17.008	188	6585	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	5247	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	4400	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	668	0.126	ng	0.00
5) Phenol-d6	6.795	99	495	0.075	ng	0.00
8) Nitrobenzene-d5	8.760	82	1662	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2168	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	449	0.318	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4198	0.285	ng	0.00
27) Fluoranthene-d10	19.045	212	6218	0.344	ng	0.00
31) Terphenyl-d14	19.653	244	5829	0.519	ng	0.00
Target Compounds						
9) Naphthalene	10.447	128	555	0.034	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.378	198	8	0.030	ng	# 1
25) Phenanthrene	17.046	178	516	0.024	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.135	149	1996	0.164	ng	# 99

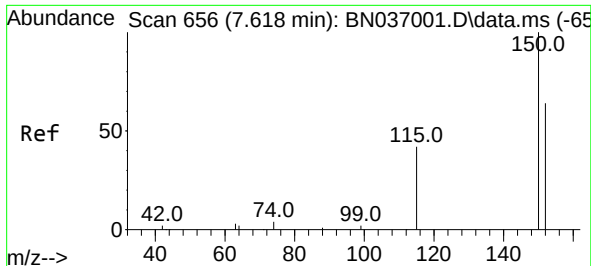
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037047.D
Acq On : 19 May 2025 16:15
Operator : RC/JU
Sample : Q2064-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

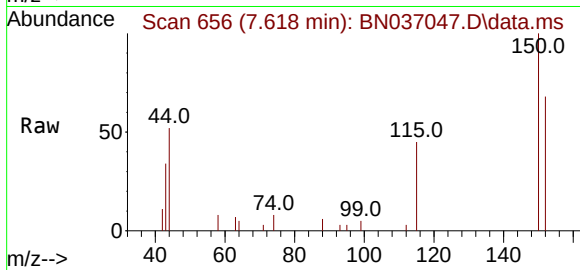
Quant Time: May 19 17:24:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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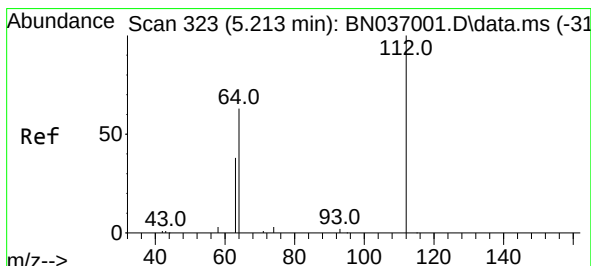
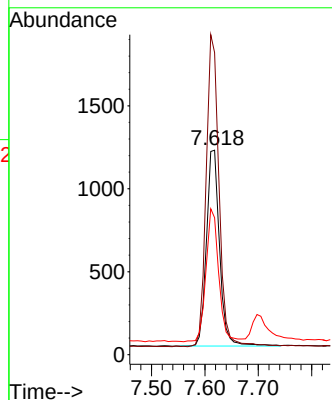
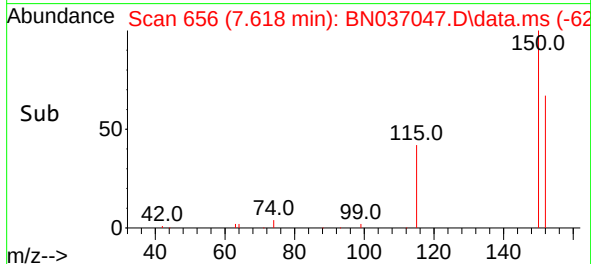


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 656
Delta R.T. 0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

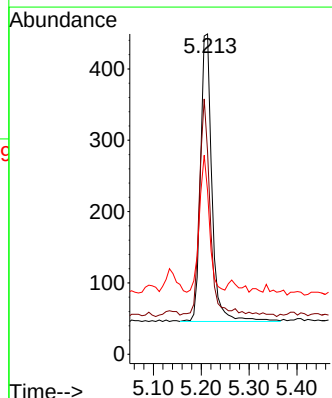
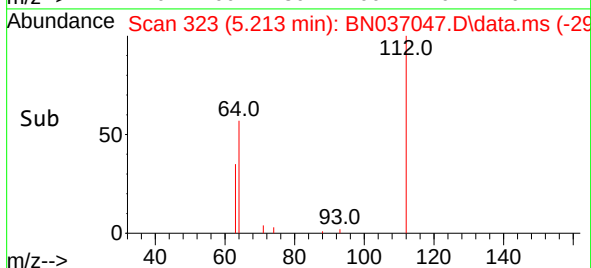
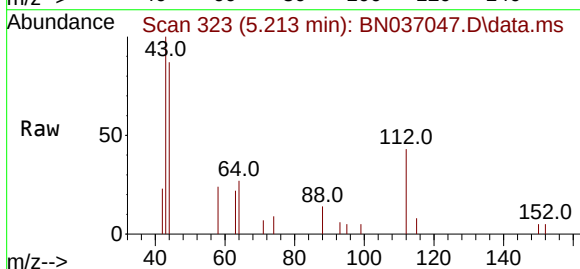


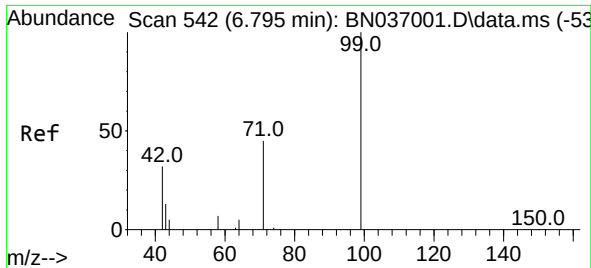
Tgt Ion:152 Resp: 2025
Ion Ratio Lower Upper
152 100
150 147.7 123.9 185.9
115 67.0 55.8 83.8



#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:112 Resp: 668
Ion Ratio Lower Upper
112 100
64 74.0 55.7 83.5
63 43.7 34.6 51.8

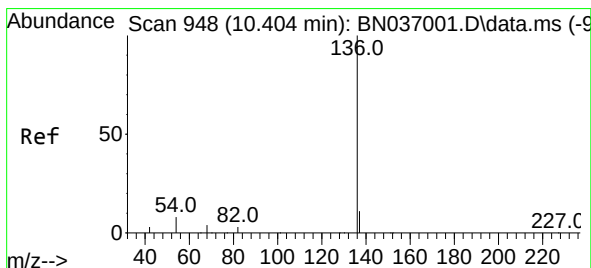
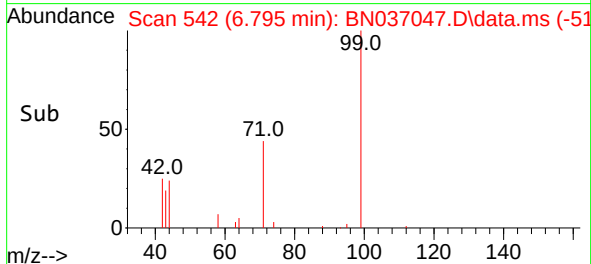
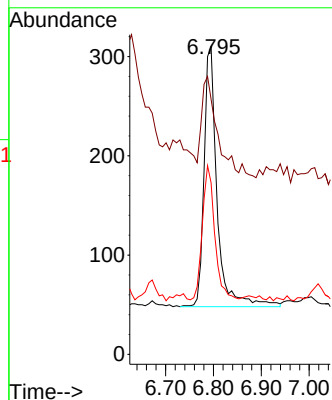
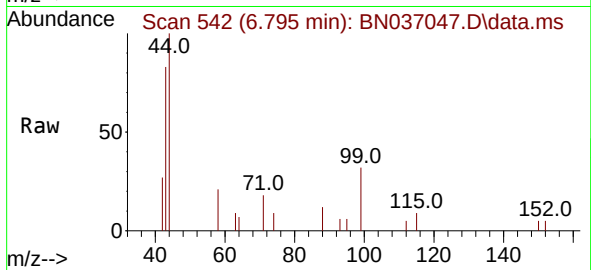




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.795 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

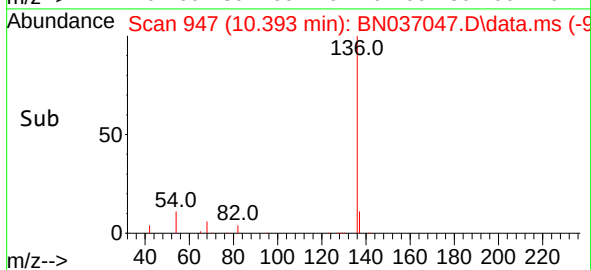
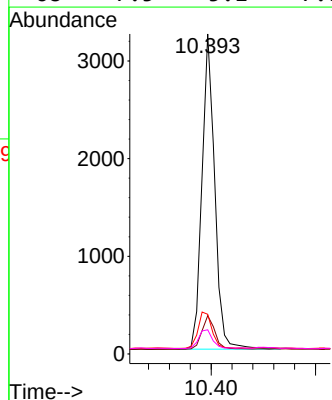
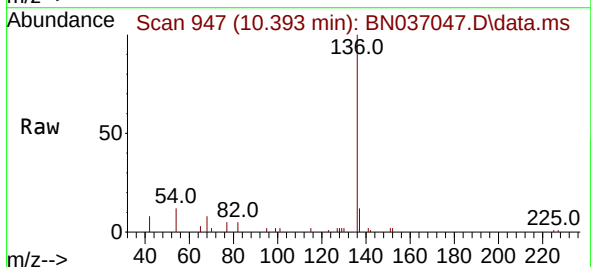
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

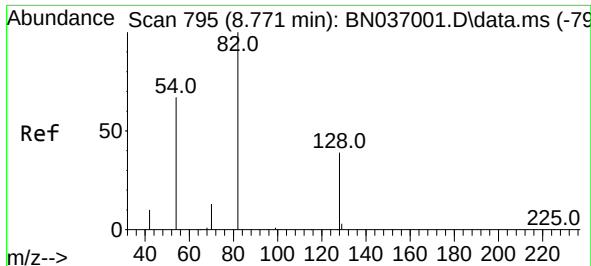
Tgt Ion:	99	Resp:	495
Ion	Ratio	Lower	Upper
99	100		
42	40.6	29.3	43.9
71	49.5	35.7	53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:	136	Resp:	5455
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	12.4	8.5	12.7
68	7.5	5.1	7.7

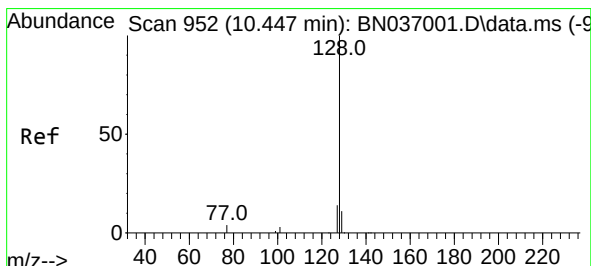
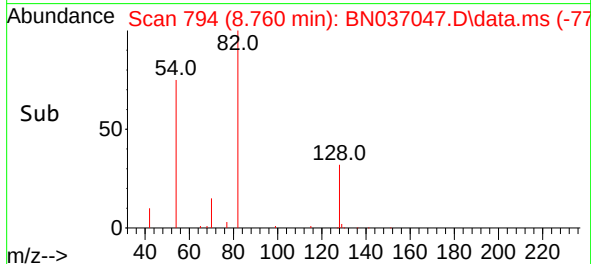
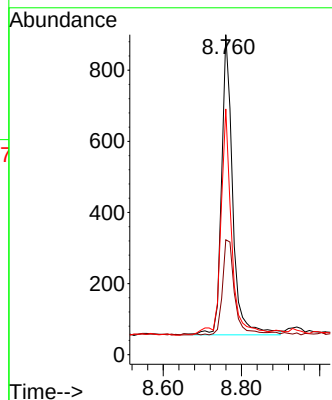
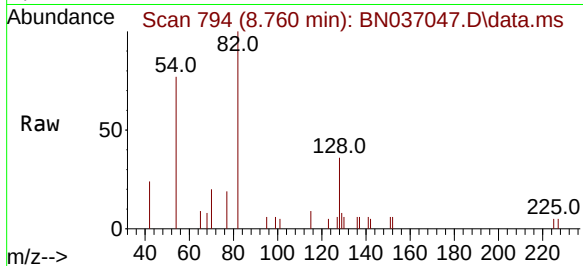




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

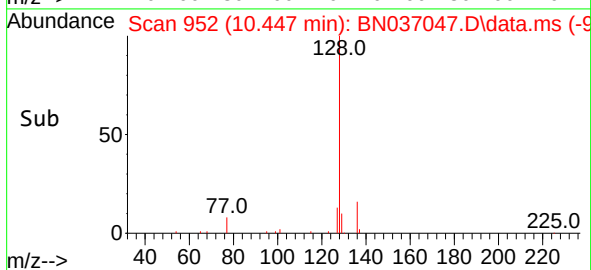
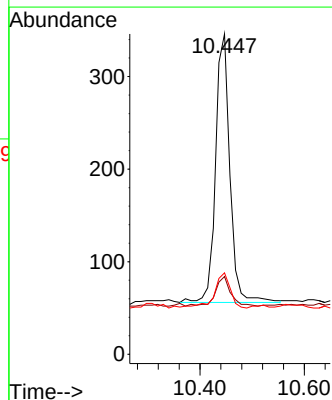
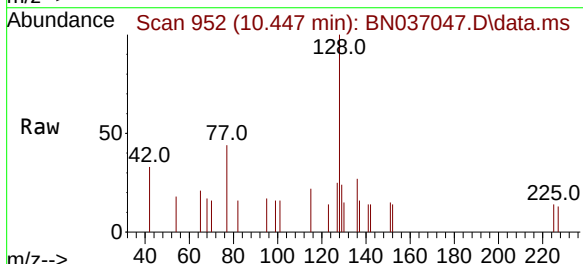
Instrument : BNA_N
ClientSampleId : RW8-SP303-90-20250514

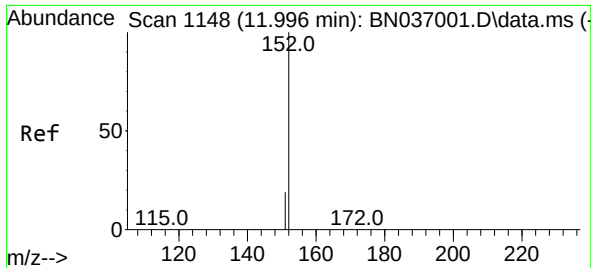
Tgt Ion:	82	Resp:	1662
Ion	Ratio	Lower	Upper
82	100		
128	35.9	34.0	51.0
54	76.8	55.0	82.4



#9
Naphthalene
Concen: 0.034 ng
RT: 10.447 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:	128	Resp:	555
Ion	Ratio	Lower	Upper
128	100		
129	24.3	9.7	14.5#
127	25.4	12.4	18.6#

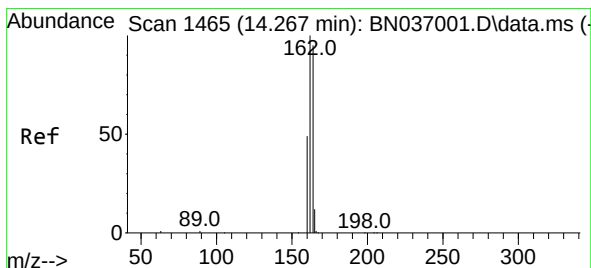
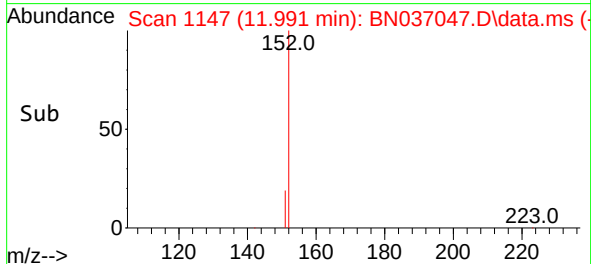
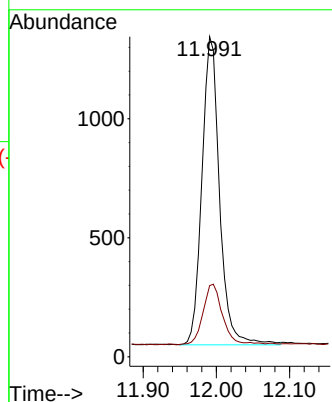
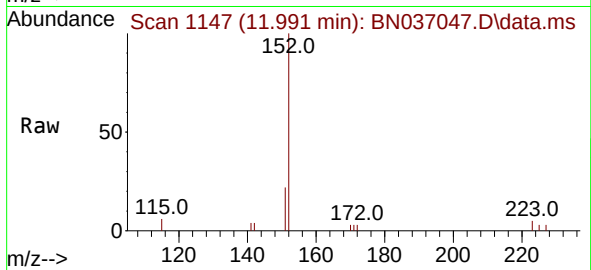




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

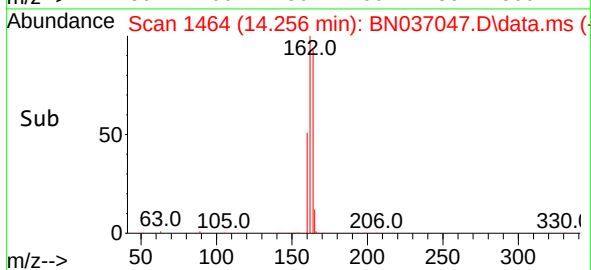
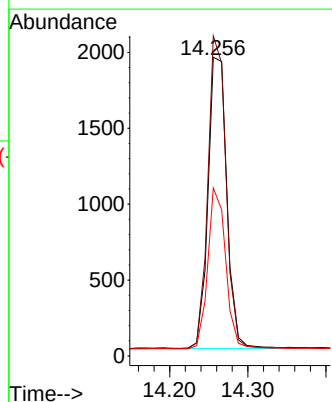
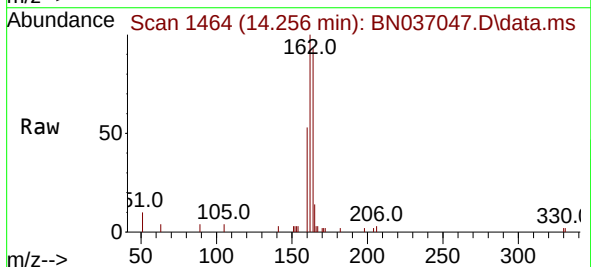
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

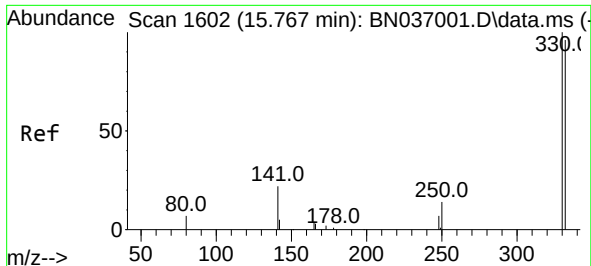
Tgt Ion:152 Resp: 2168
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

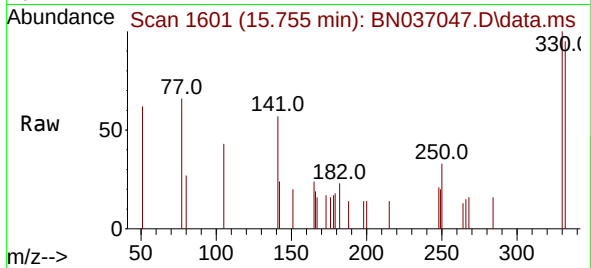
Tgt Ion:164 Resp: 3218
Ion Ratio Lower Upper
164 100
162 107.1 84.2 126.4
160 56.3 42.6 63.8



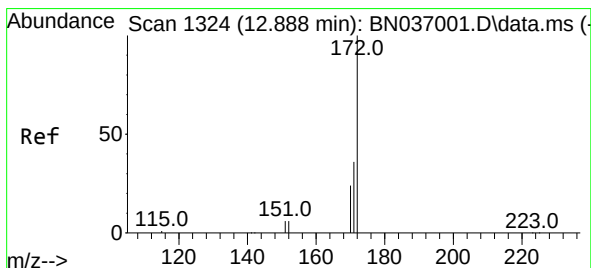
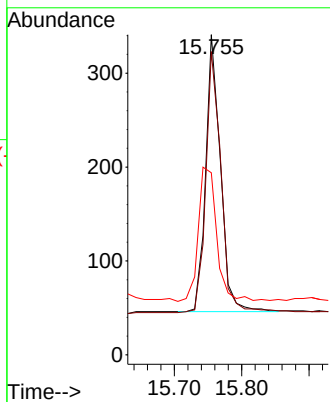
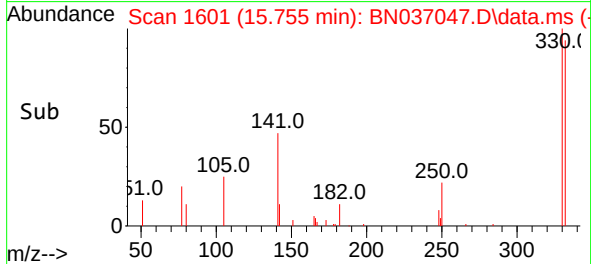


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

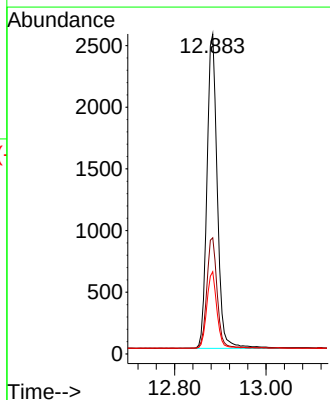
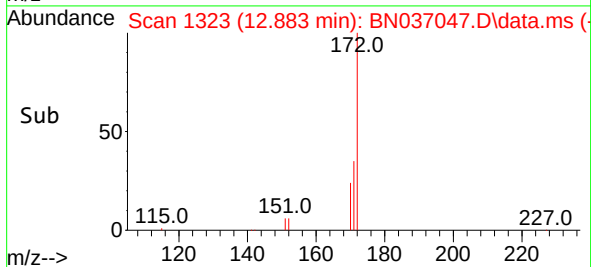
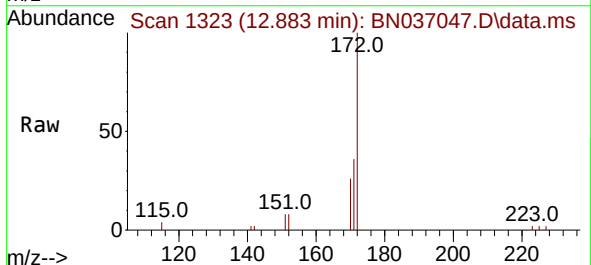


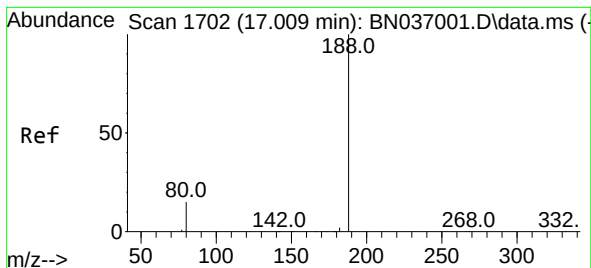
Tgt Ion:330 Resp: 449
Ion Ratio Lower Upper
330 100
332 97.8 73.8 110.8
141 60.6 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:172 Resp: 4198
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 25.7 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.008 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-90-20250514

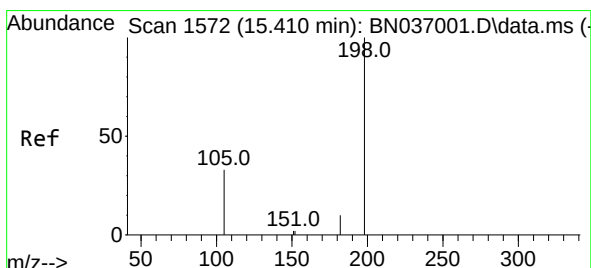
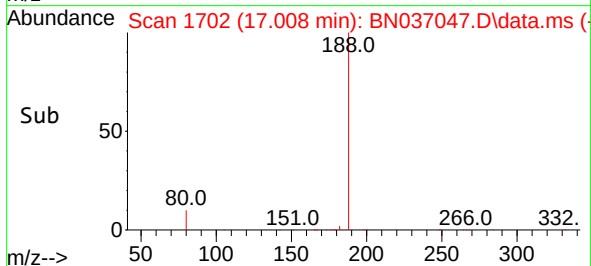
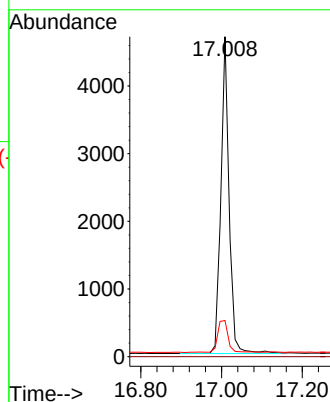
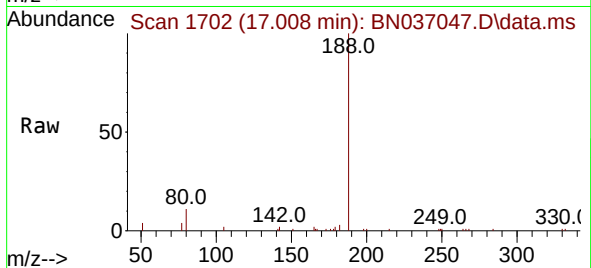
Tgt Ion:188 Resp: 6585

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 15.378 min Scan# 1569

Delta R.T. -0.032 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

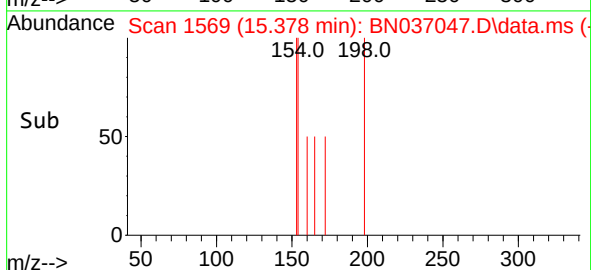
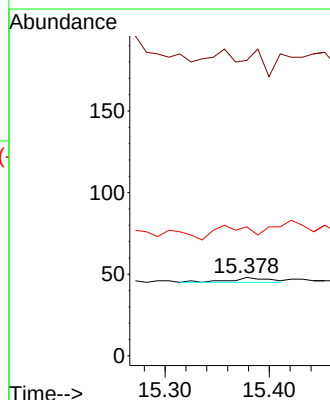
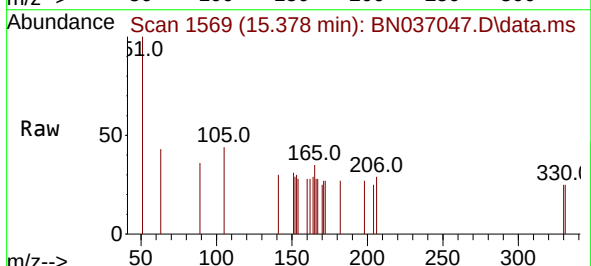
Tgt Ion:198 Resp: 8

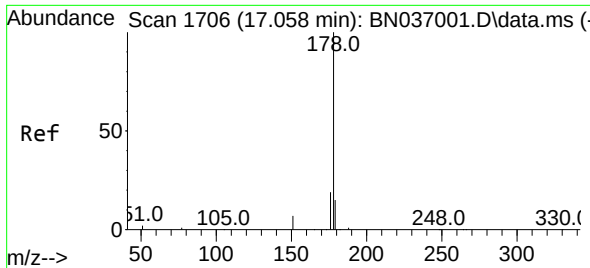
Ion Ratio Lower Upper

198 100

51 377.1 87.8 131.6#

105 164.6 44.2 66.4#

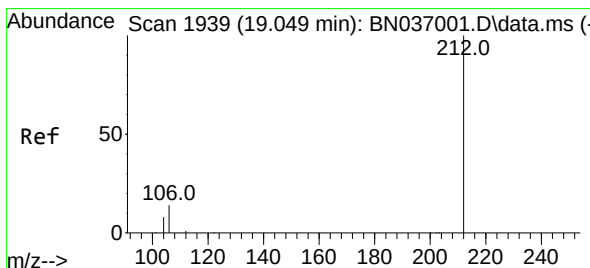
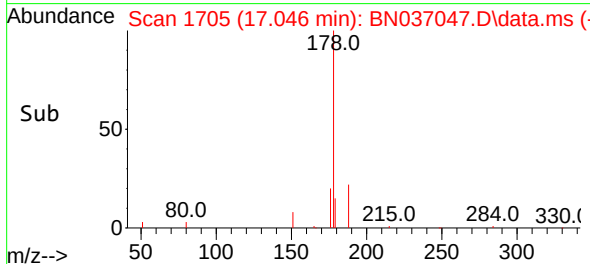
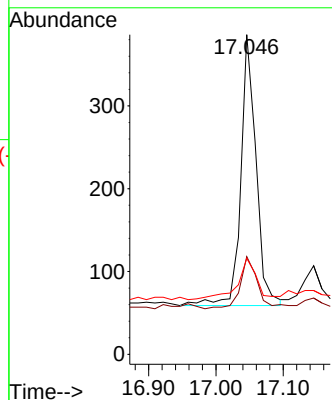
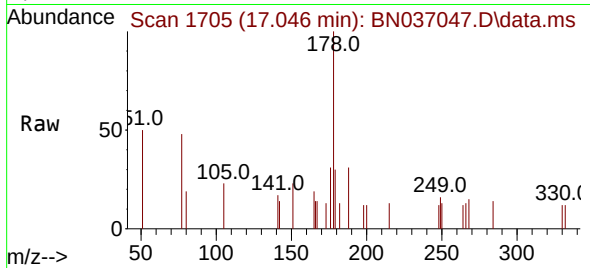




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

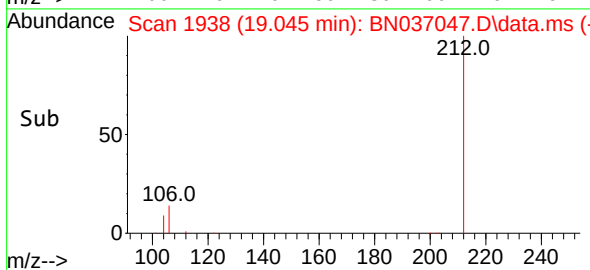
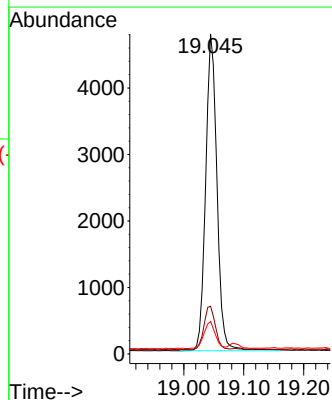
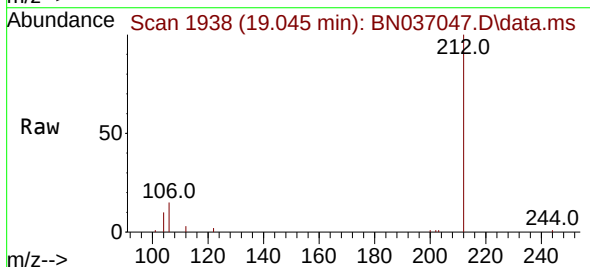
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

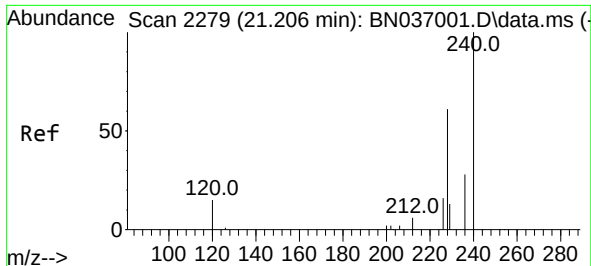
Tgt Ion:178 Resp: 516
Ion Ratio Lower Upper
178 100
176 22.3 15.7 23.5
179 19.2 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:212 Resp: 6218
Ion Ratio Lower Upper
212 100
106 13.8 11.3 16.9
104 8.4 6.7 10.1

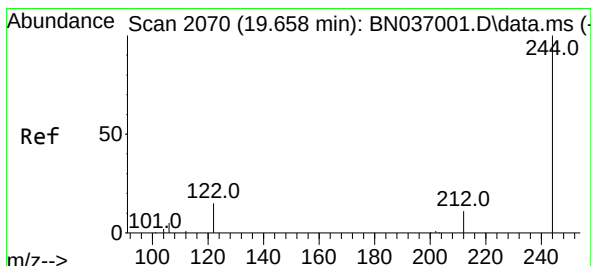
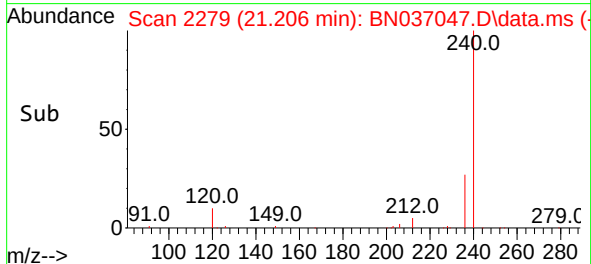
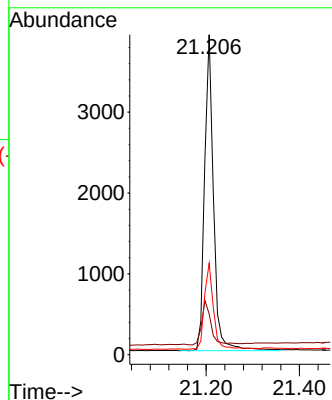
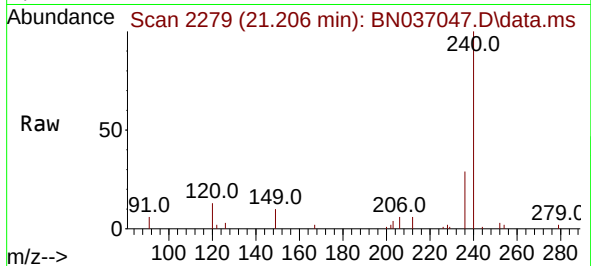




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

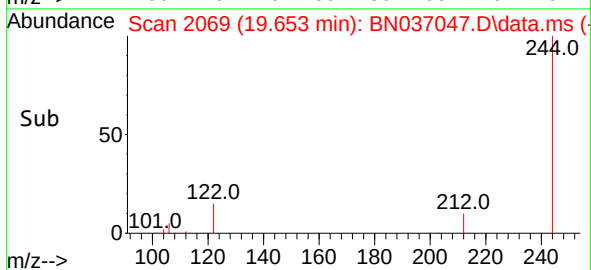
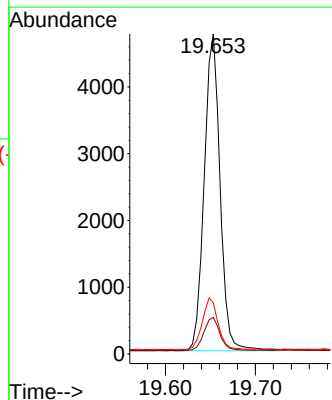
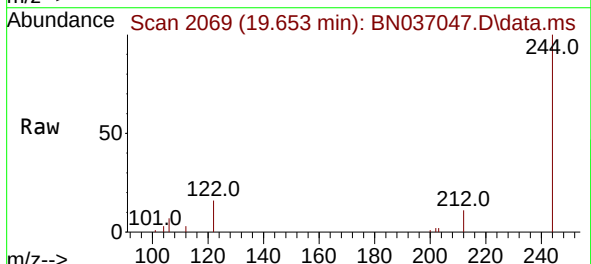
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

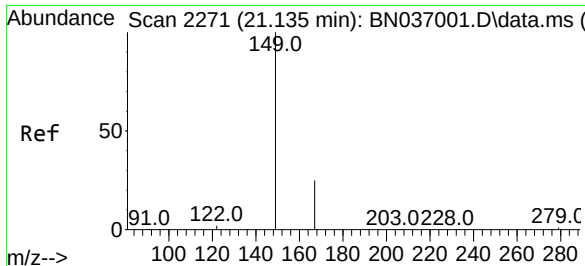
Tgt Ion:240 Resp: 5247
Ion Ratio Lower Upper
240 100
120 12.8 15.1 22.7#
236 28.6 24.0 36.0



#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:244 Resp: 5829
Ion Ratio Lower Upper
244 100
212 11.4 9.7 14.5
122 16.0 13.4 20.0

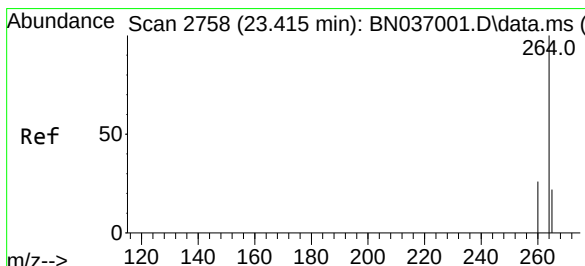
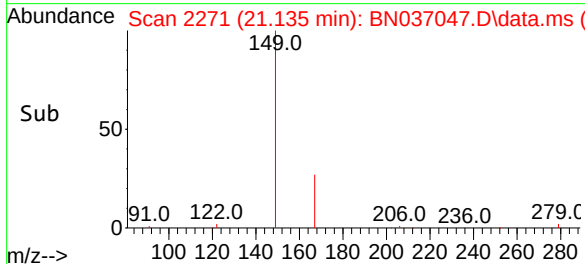
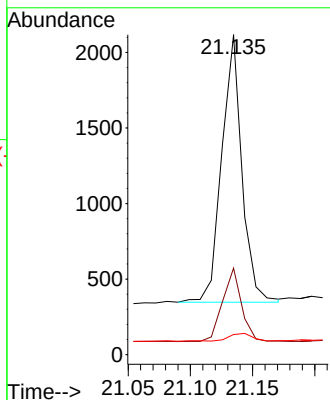
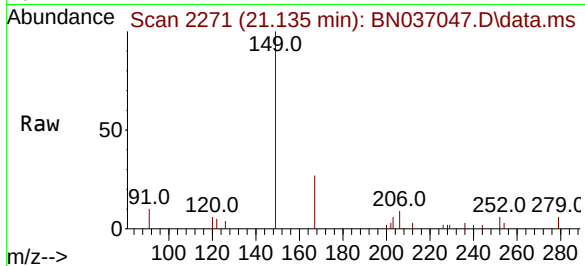




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.135 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN037047.D
 Acq: 19 May 2025 16:15

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-90-20250514

Tgt Ion:149 Resp: 1996
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.6 30.8
 279 3.6 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN037047.D
 Acq: 19 May 2025 16:15

Tgt Ion:264 Resp: 4400
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.9 32.9
 265 69.0 51.6 77.4

