

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037042.D
 Acq On : 19 May 2025 13:14
 Operator : RC/JU
 Sample : Q2064-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-70-20250514

Quant Time: May 19 13:51:40 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)

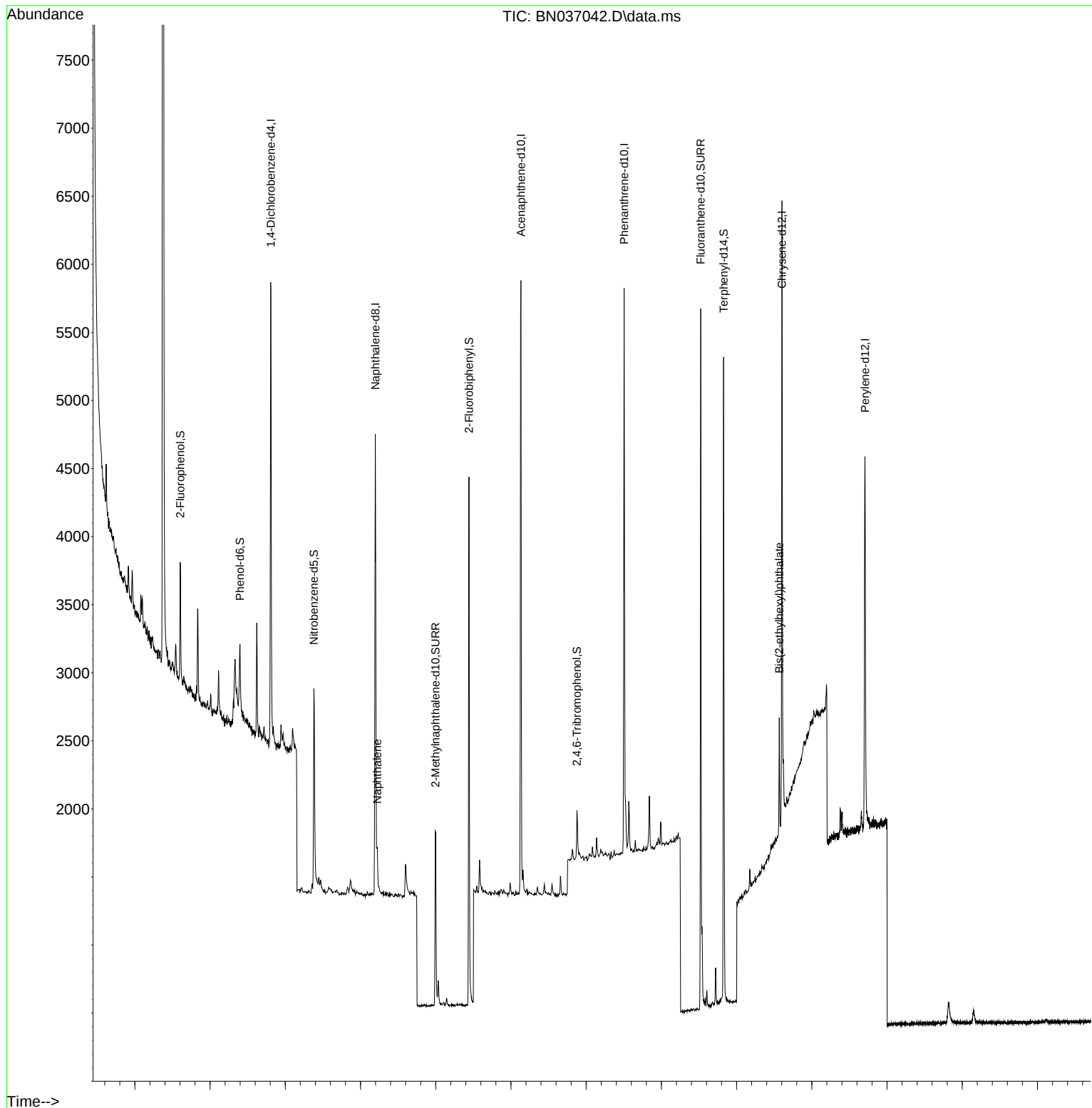
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	1782	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4662	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2793	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	5609	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	4274	0.400	ng	0.00
35) Perylene-d12	23.412	264	3800	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	614	0.132	ng	0.00
5) Phenol-d6	6.795	99	434	0.074	ng	0.00
8) Nitrobenzene-d5	8.760	82	1490	0.294	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2028	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	232	0.189	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	3751	0.293	ng	0.00
27) Fluoranthene-d10	19.045	212	5803	0.377	ng	0.00
31) Terphenyl-d14	19.653	244	4410	0.482	ng	0.00
Target Compounds						
9) Naphthalene	10.447	128	385	0.028	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.135	149	766	0.077	ng	# 95

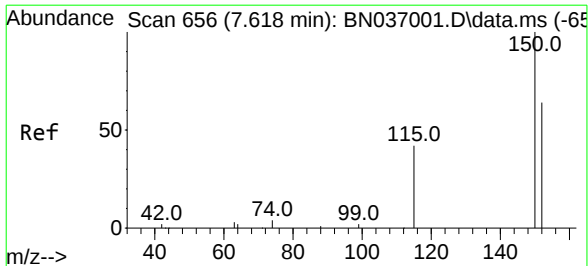
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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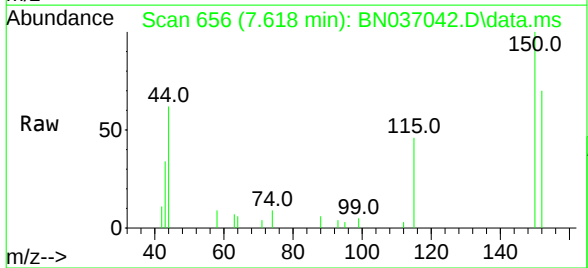
Quant Time: May 19 13:51:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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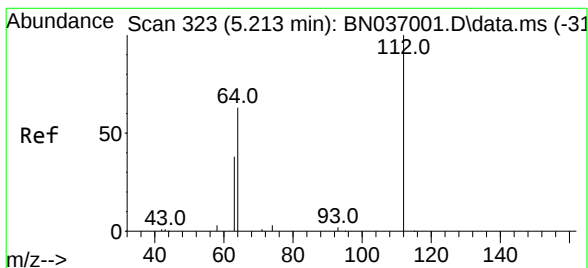
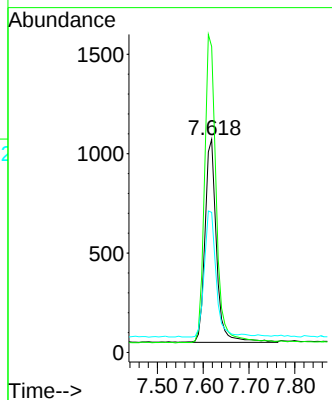
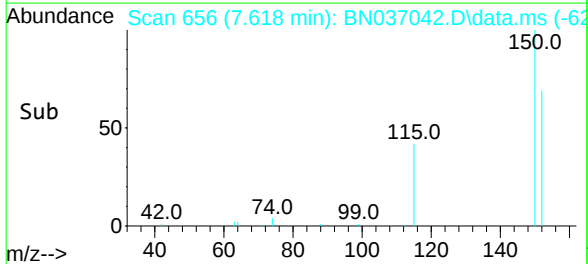


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 65
Delta R.T. 0.000 min
Lab File: BN037042.D
Acq: 19 May 2025 13:14

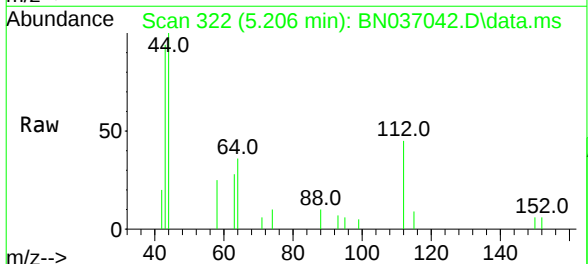
Instrument :
BNA_N
ClientSampleId :
RW8-SP301-70-20250514



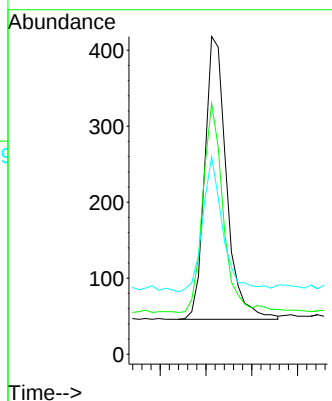
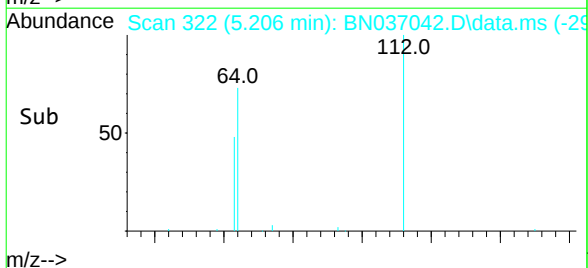
Tgt Ion:152 Resp: 1782
Ion Ratio Lower Upper
152 100
150 143.6 123.9 185.9
115 65.8 55.8 83.8

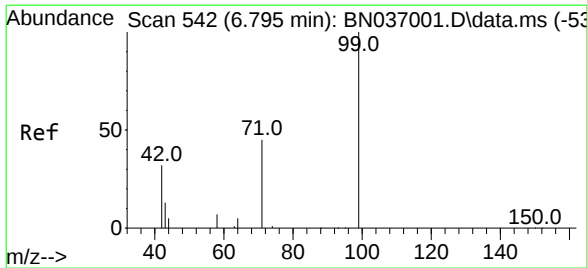


#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037042.D
Acq: 19 May 2025 13:14



Tgt Ion:112 Resp: 614
Ion Ratio Lower Upper
112 100
64 70.2 55.7 83.5
63 45.0 34.6 51.8





#5

Phenol-d6

Concen: 0.074 ng

RT: 6.795 min Scan# 54

Delta R.T. 0.000 min

Lab File: BN037042.D

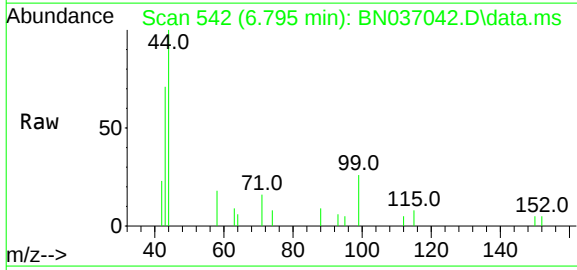
Acq: 19 May 2025 13:14

Instrument :

BNA_N

ClientSampleId :

RW8-SP301-70-20250514



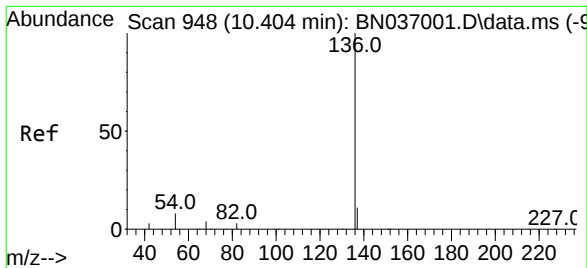
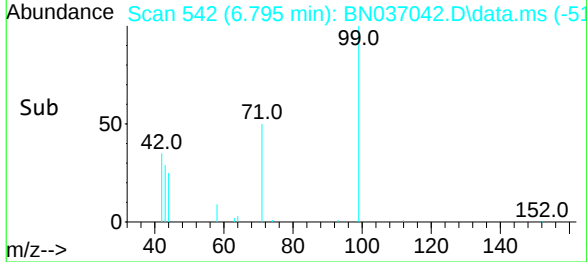
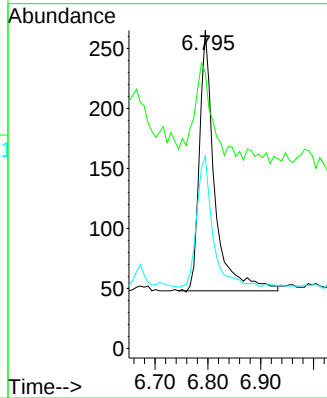
Tgt Ion: 99 Resp: 434

Ion Ratio Lower Upper

99 100

42 36.9 29.3 43.9

71 53.2 35.7 53.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.394 min Scan# 947

Delta R.T. -0.010 min

Lab File: BN037042.D

Acq: 19 May 2025 13:14

Tgt Ion: 136 Resp: 4662

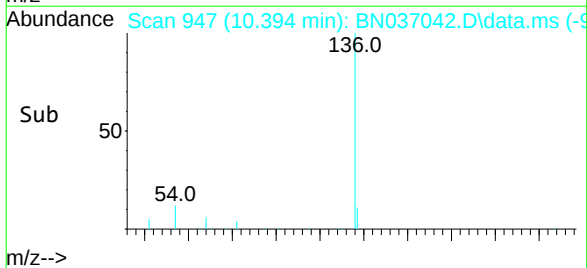
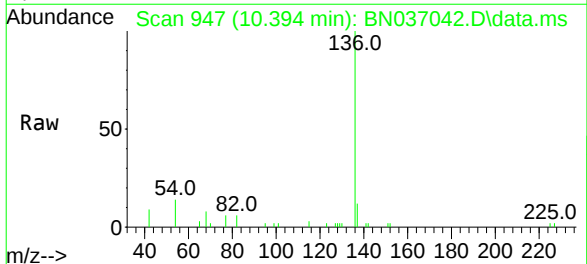
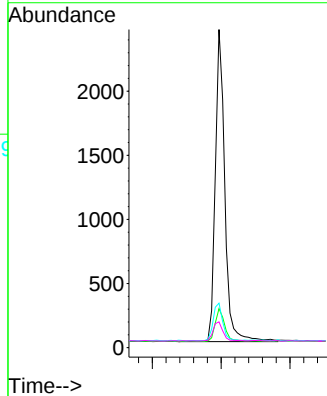
Ion Ratio Lower Upper

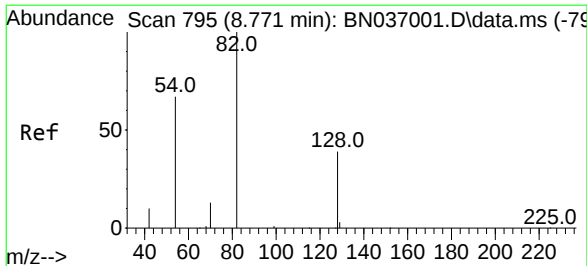
136 100

137 12.3 10.4 15.6

54 14.0 8.5 12.7#

68 8.1 5.1 7.7#

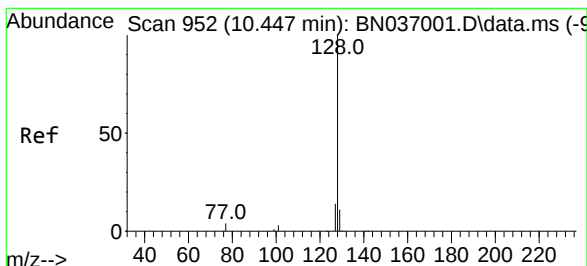
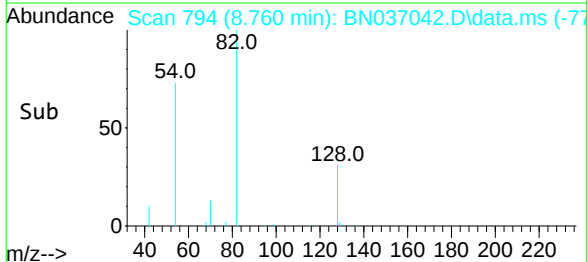
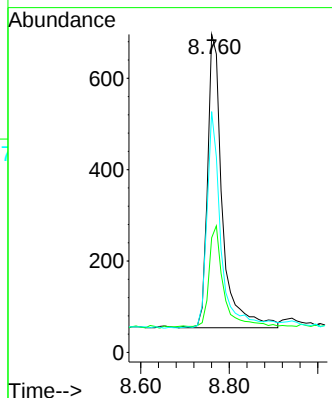
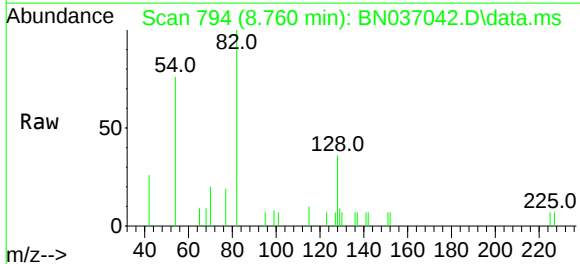




#8
 Nitrobenzene-d5
 Concen: 0.294 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.010 min
 Lab File: BN037042.D
 Acq: 19 May 2025 13:14

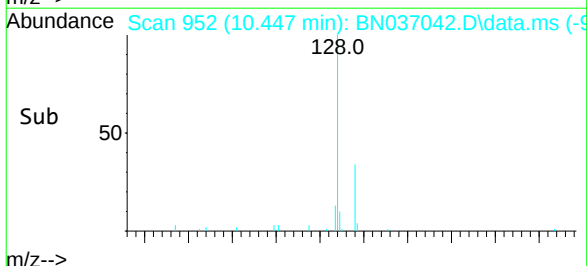
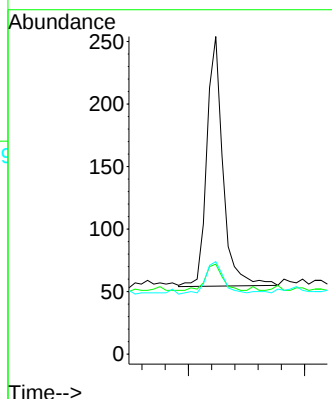
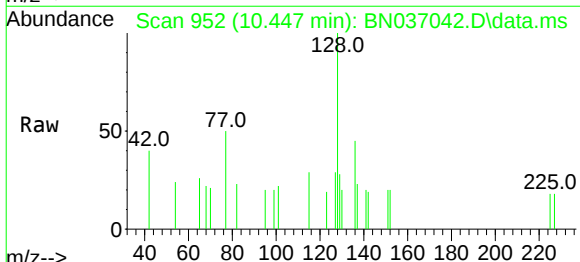
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-70-20250514

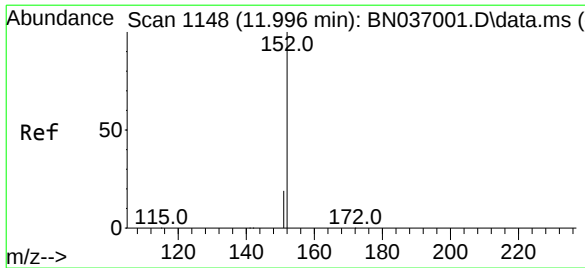
Tgt Ion:	82	Resp:	1490
Ion	Ratio	Lower	Upper
82	100		
128	36.1	34.0	51.0
54	75.7	55.0	82.4



#9
 Naphthalene
 Concen: 0.028 ng
 RT: 10.447 min Scan# 952
 Delta R.T. 0.000 min
 Lab File: BN037042.D
 Acq: 19 May 2025 13:14

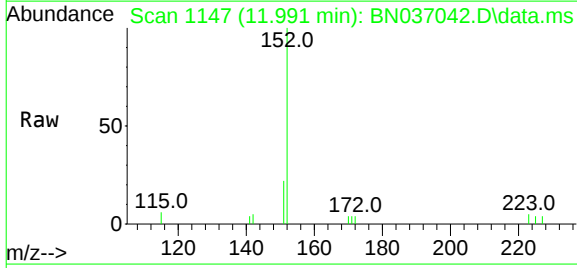
Tgt Ion:	128	Resp:	385
Ion	Ratio	Lower	Upper
128	100		
129	28.3	9.7	14.5#
127	29.1	12.4	18.6#



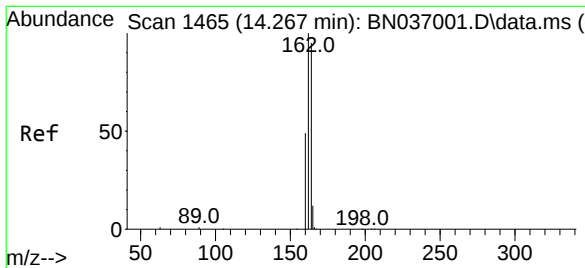
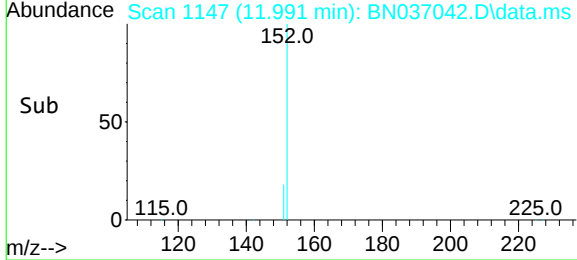
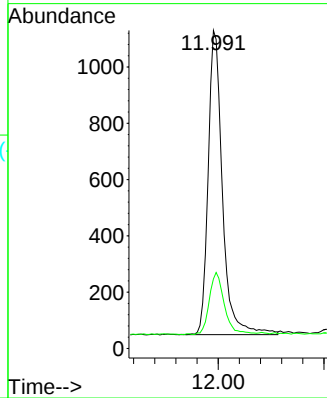


#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037042.D
Acq: 19 May 2025 13:14

Instrument :
BNA_N
ClientSampleId :
RW8-SP301-70-20250514

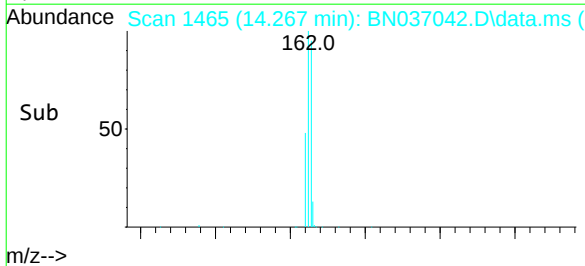
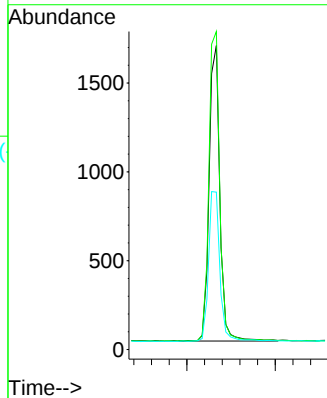
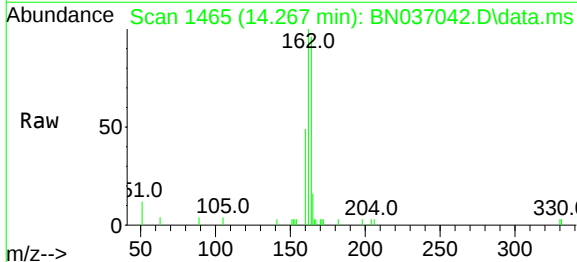


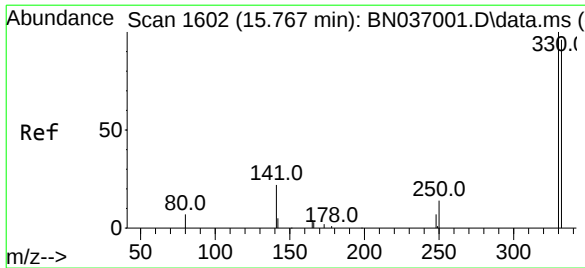
Tgt Ion:152 Resp: 2028
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037042.D
Acq: 19 May 2025 13:14

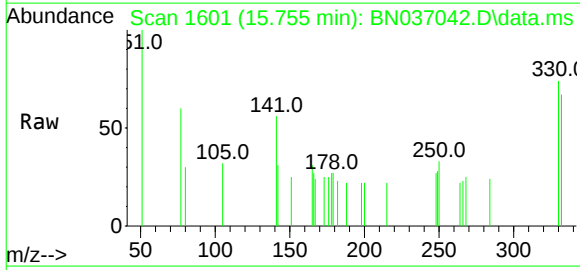
Tgt Ion:164 Resp: 2793
Ion Ratio Lower Upper
164 100
162 104.6 84.2 126.4
160 51.8 42.6 63.8



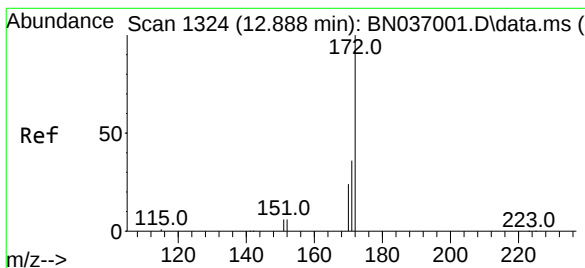
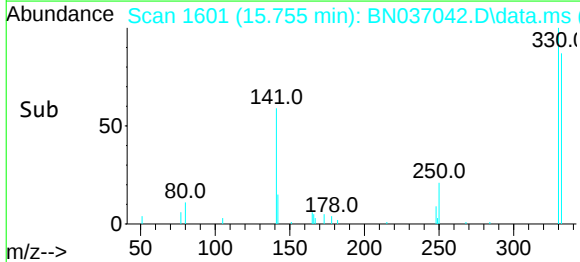
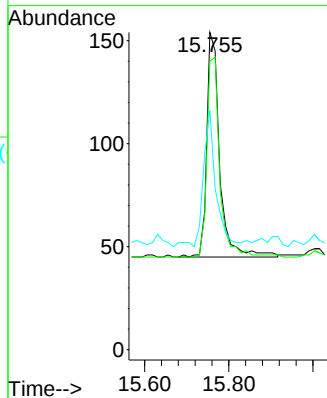


#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037042.D
Acq: 19 May 2025 13:14

Instrument :
BNA_N
ClientSampleId :
RW8-SP301-70-20250514

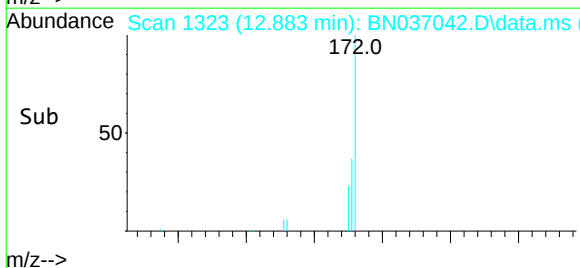
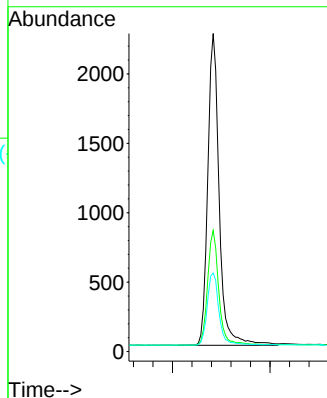
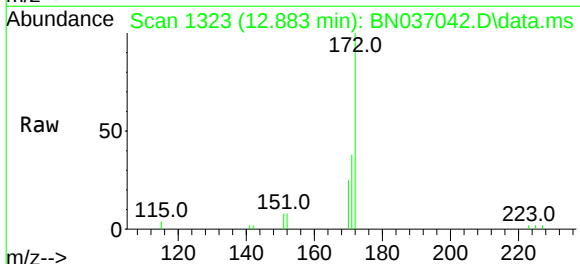


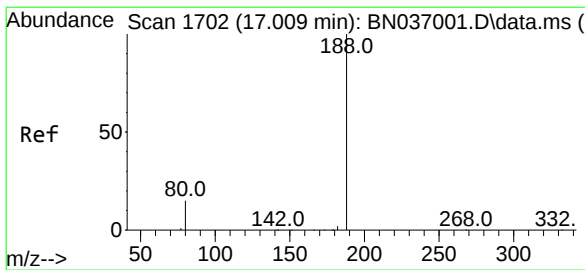
Tgt Ion	Ratio	Lower	Upper
330	100		
332	88.8	73.8	110.8
141	59.5	43.9	65.9



#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037042.D
Acq: 19 May 2025 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.2	43.8
170	24.7	20.5	30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 17

Delta R.T. 0.000 min

Lab File: BN037042.D

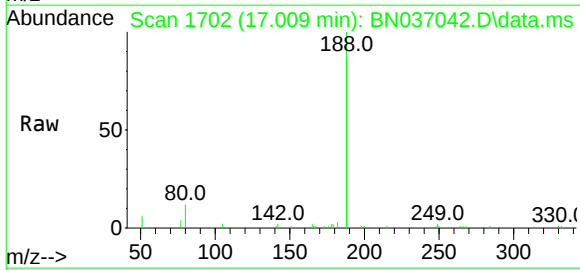
Acq: 19 May 2025 13:14

Instrument :

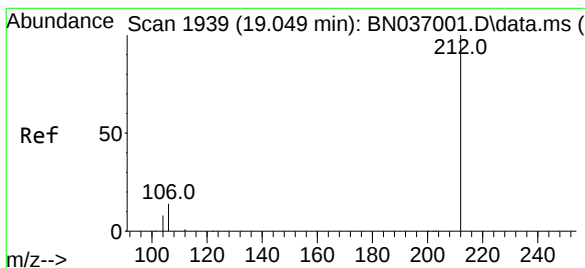
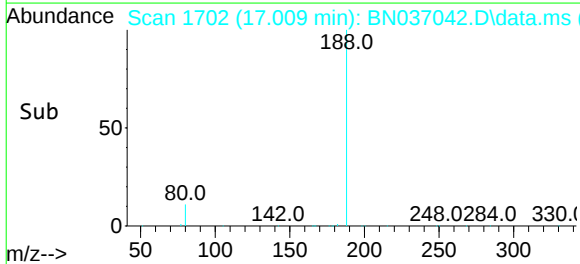
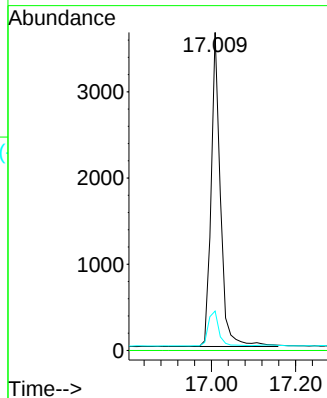
BNA_N

ClientSampleId :

RW8-SP301-70-20250514



Tgt Ion:	188	Resp:	5609
Ion Ratio	100	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	13.4	20.0



#27

Fluoranthene-d10

Concen: 0.377 ng

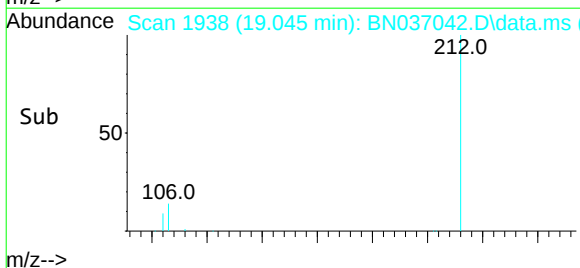
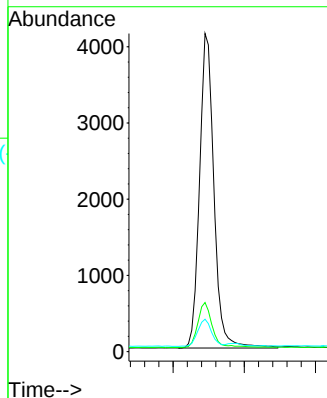
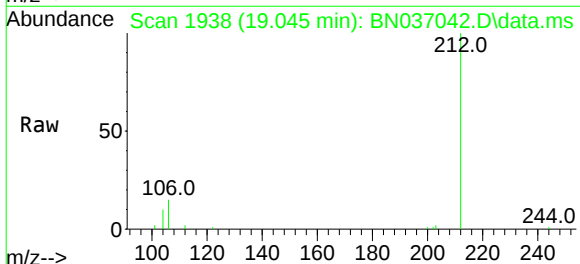
RT: 19.045 min Scan# 1938

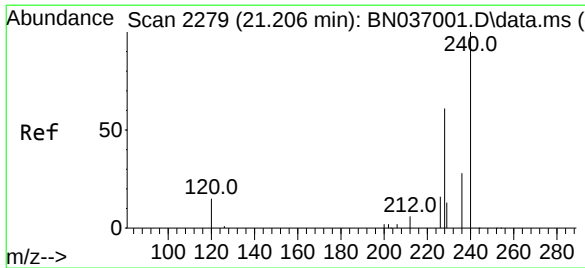
Delta R.T. -0.004 min

Lab File: BN037042.D

Acq: 19 May 2025 13:14

Tgt Ion:	212	Resp:	5803
Ion Ratio	100	Lower	Upper
212	100		
106	14.5	11.3	16.9
104	8.3	6.7	10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.207 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BN037042.D

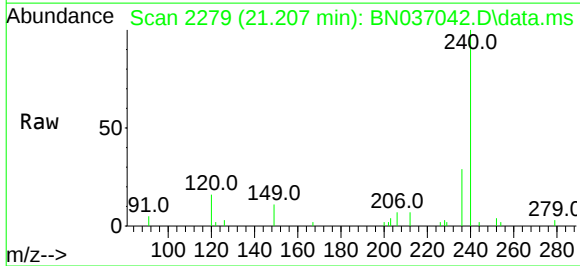
Acq: 19 May 2025 13:14

Instrument :

BNA_N

ClientSampleId :

RW8-SP301-70-20250514



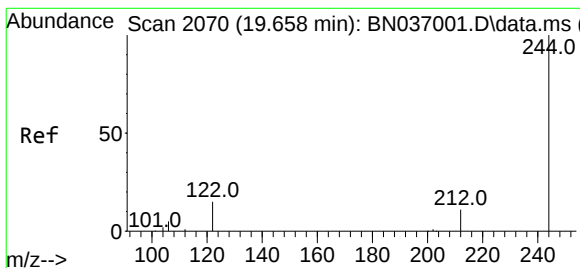
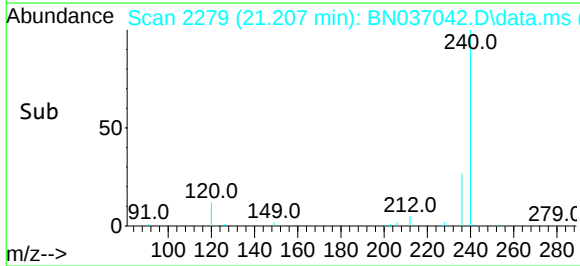
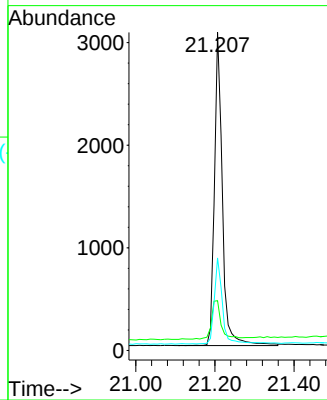
Tgt Ion:240 Resp: 4274

Ion Ratio Lower Upper

240 100

120 15.7 15.1 22.7

236 29.1 24.0 36.0



#31

Terphenyl-d14

Concen: 0.482 ng

RT: 19.653 min Scan# 2069

Delta R.T. -0.004 min

Lab File: BN037042.D

Acq: 19 May 2025 13:14

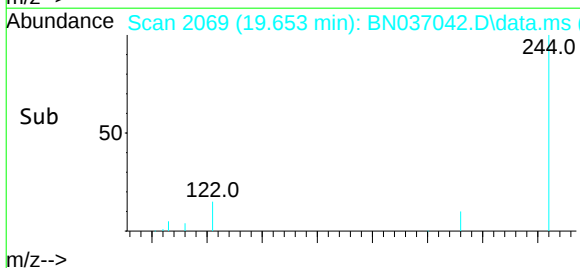
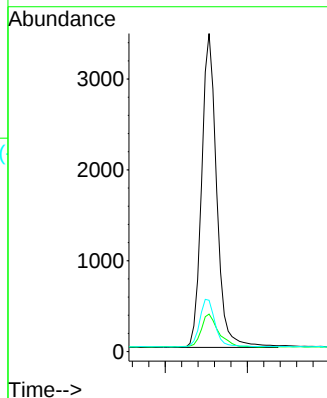
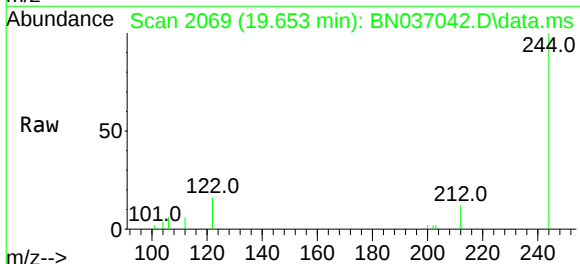
Tgt Ion:244 Resp: 4410

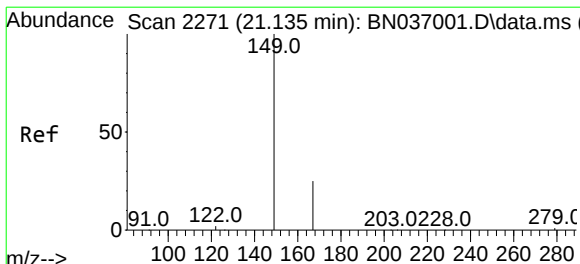
Ion Ratio Lower Upper

244 100

212 11.8 9.7 14.5

122 16.1 13.4 20.0

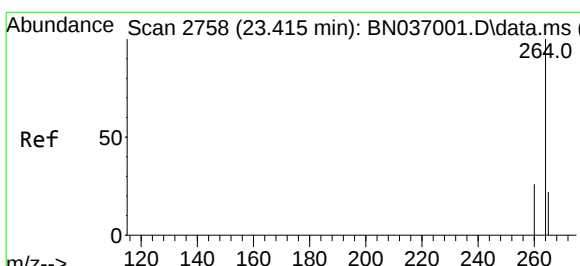
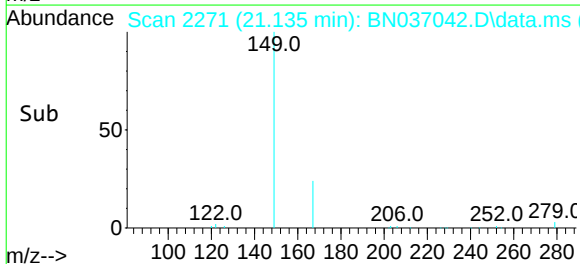
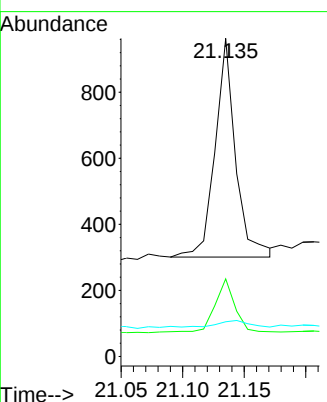
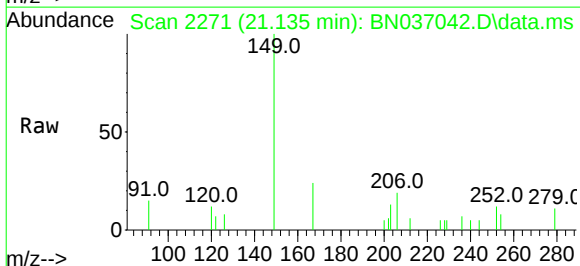




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037042.D
 Acq: 19 May 2025 13:14

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-70-20250514

Tgt Ion:	149	Resp:	766
Ion Ratio	Lower	Upper	
149	100		
167	23.0	20.6	30.8
279	5.1	2.6	3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.412 min Scan# 2757
 Delta R.T. -0.003 min
 Lab File: BN037042.D
 Acq: 19 May 2025 13:14

Tgt Ion:	264	Resp:	3800
Ion Ratio	Lower	Upper	
264	100		
260	27.8	21.9	32.9
265	72.9	51.6	77.4

