

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037269.D
 Acq On : 14 Jun 2025 19:24
 Operator : RC/JU
 Sample : Q2299-22
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT190D2-20250611

Quant Time: Jun 16 02:44:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

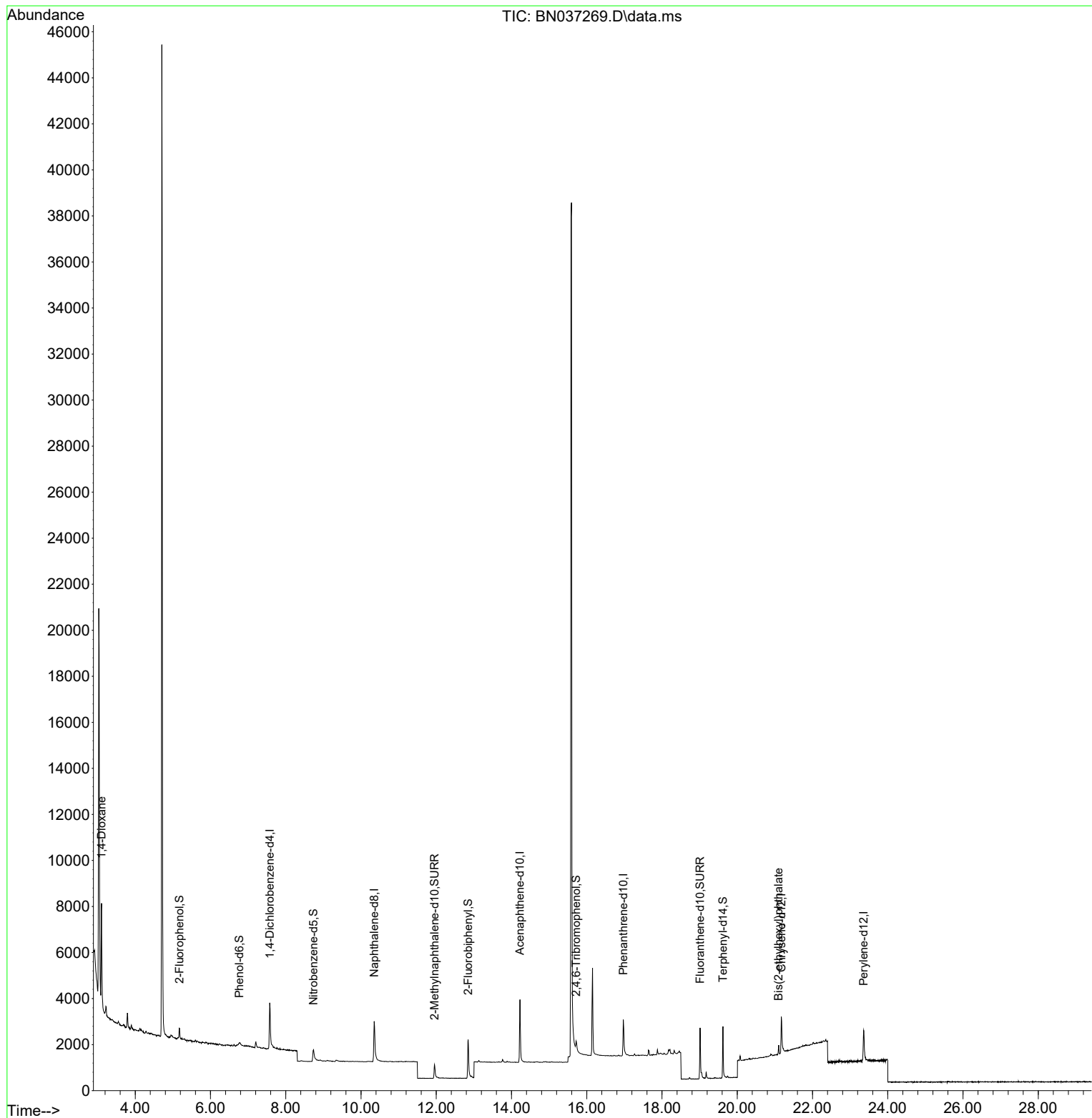
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1248	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3038	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1624	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2851	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2132	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1996	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	364	0.119	ng	0.00
5) Phenol-d6	6.766	99	194	0.060	ng	0.00
8) Nitrobenzene-d5	8.739	82	726	0.242	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1172	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	228	0.338	ng	-0.01
15) 2-Fluorobiphenyl	12.848	172	1938	0.284	ng	0.00
27) Fluoranthene-d10	19.012	212	2983	0.400	ng	0.00
31) Terphenyl-d14	19.621	244	2407	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	2294	1.340	ng	92
34) Bis(2-ethylhexyl)phtha...	21.099	149	402	0.075	ng	# 97

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

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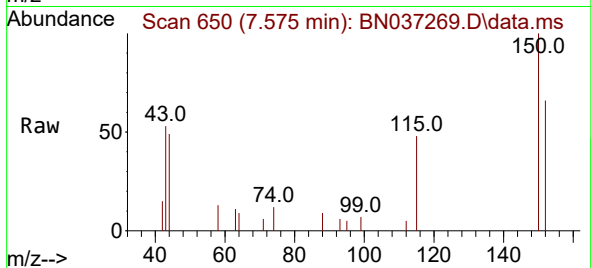
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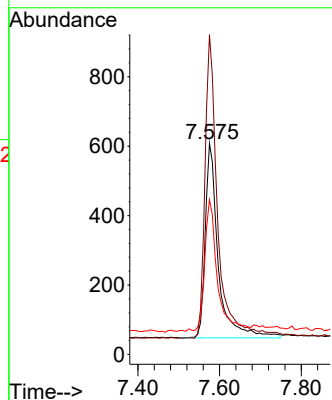
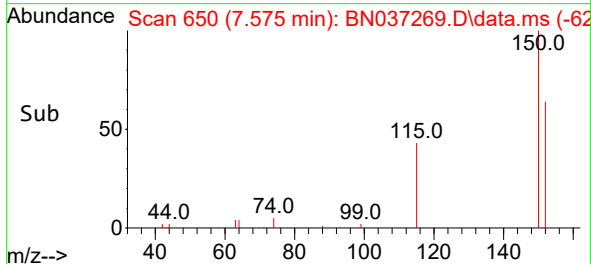


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037269.D
 Acq: 14 Jun 2025 19:24

Instrument :
 BNA_N
 ClientSampleId :
 TT190D2-20250611

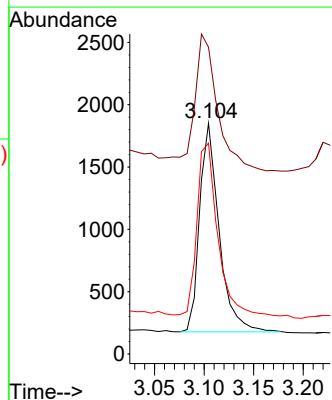
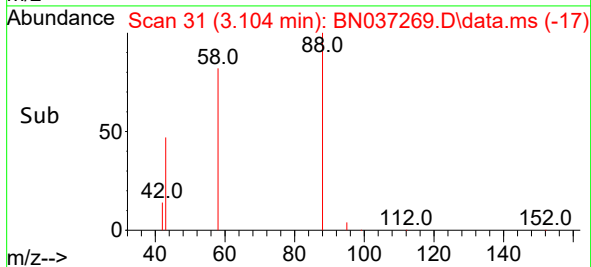
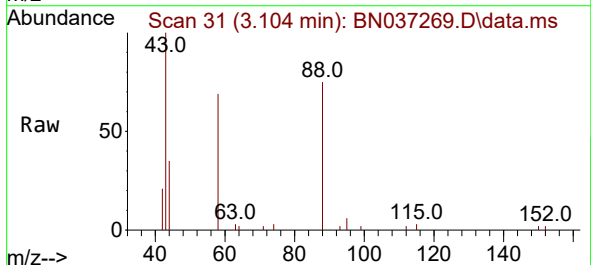


Tgt Ion:152 Resp: 1248
 Ion Ratio Lower Upper
 152 100
 150 151.5 125.2 187.8
 115 73.4 58.4 87.6



#2
 1,4-Dioxane
 Concen: 1.340 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037269.D
 Acq: 14 Jun 2025 19:24

Tgt Ion: 88 Resp: 2294
 Ion Ratio Lower Upper
 88 100
 43 75.5 52.6 79.0
 58 87.8 73.5 110.3





#4

2-Fluorophenol

Concen: 0.119 ng

RT: 5.177 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN037269.D

Acq: 14 Jun 2025 19:24

Instrument :

BNA_N

ClientSampleId :

TT190D2-20250611

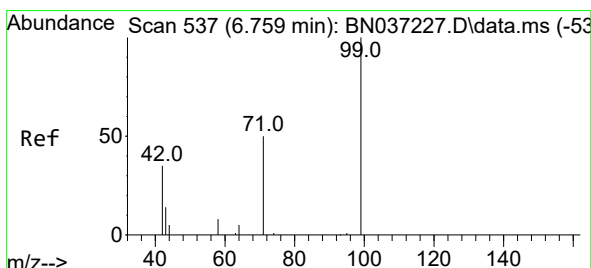
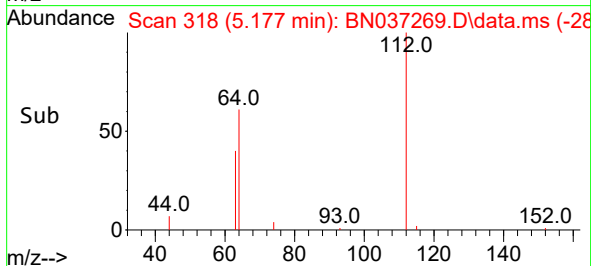
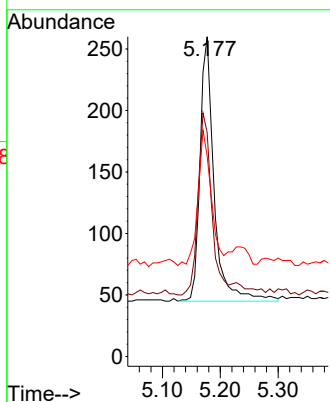
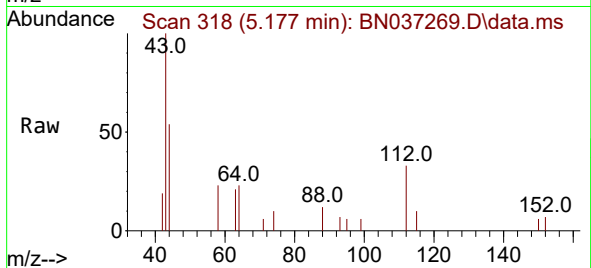
Tgt Ion:112 Resp: 364

Ion Ratio Lower Upper

112 100

64 73.1 57.2 85.8

63 47.8 39.8 59.6



#5

Phenol-d6

Concen: 0.060 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.007 min

Lab File: BN037269.D

Acq: 14 Jun 2025 19:24

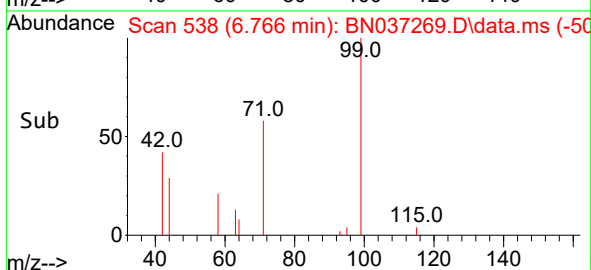
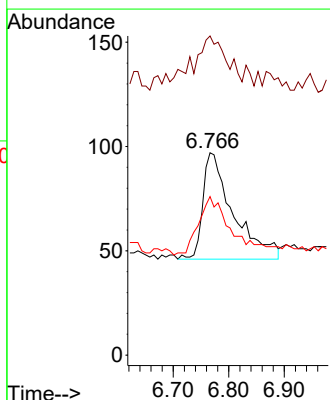
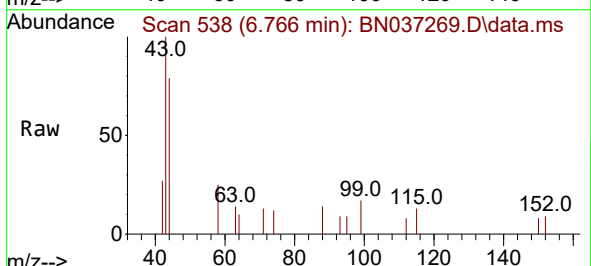
Tgt Ion: 99 Resp: 194

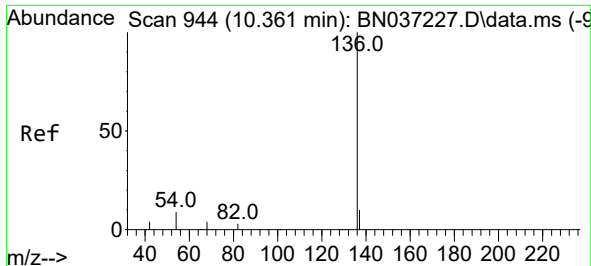
Ion Ratio Lower Upper

99 100

42 45.4 36.2 54.4

71 55.2 42.4 63.6

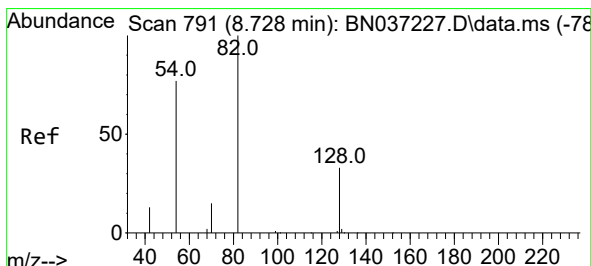
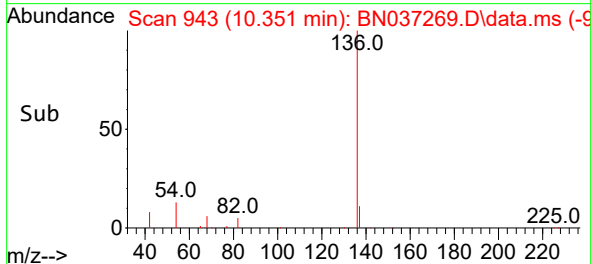
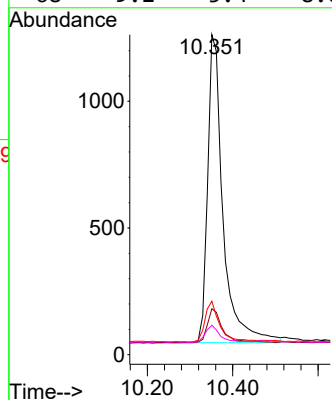
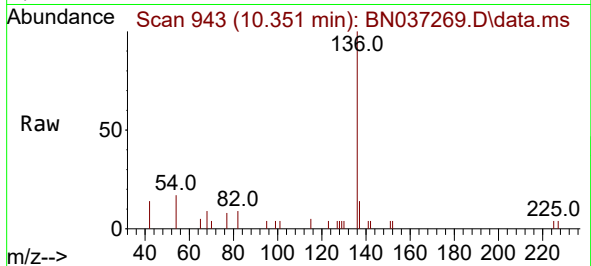




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

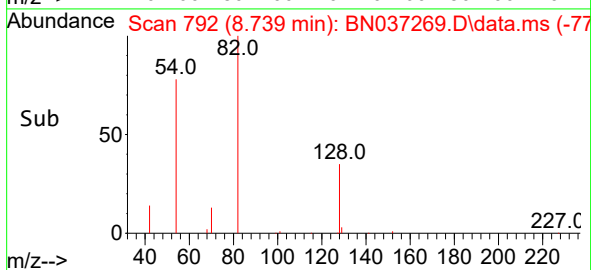
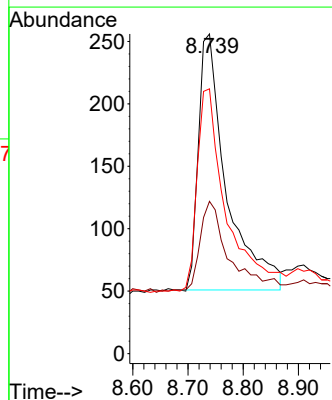
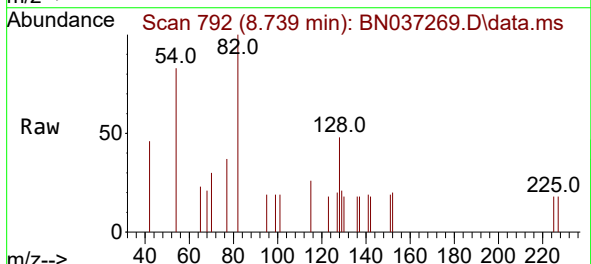
Instrument :
BNA_N
ClientSampleId :
TT190D2-20250611

Tgt Ion:	136	Resp:	3038
Ion Ratio	Lower	Upper	
136	100		
137	14.3	10.6	15.8
54	16.7	9.2	13.8#
68	9.2	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

Tgt Ion:	82	Resp:	726
Ion Ratio	Lower	Upper	
82	100		
128	47.7	31.2	46.8#
54	82.8	63.3	94.9

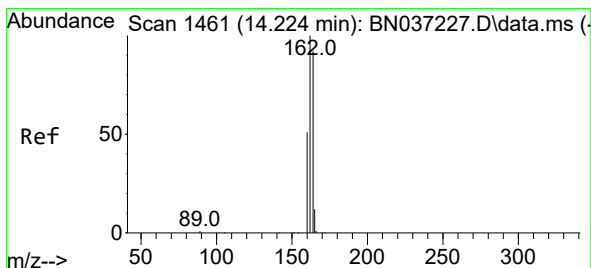
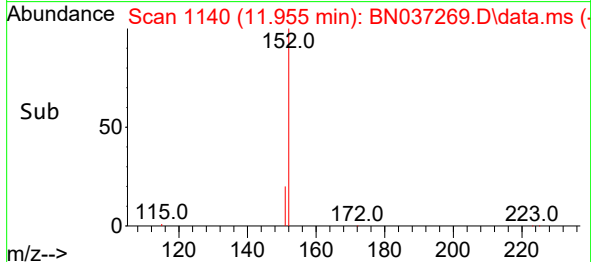
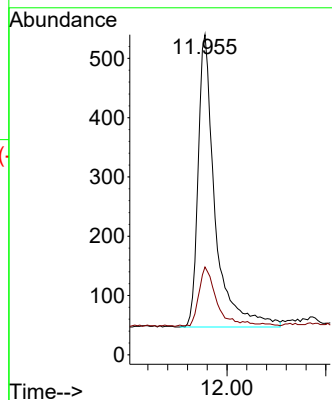
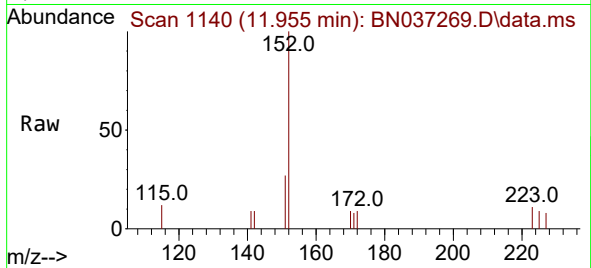




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

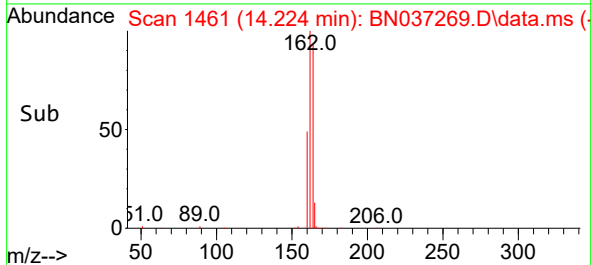
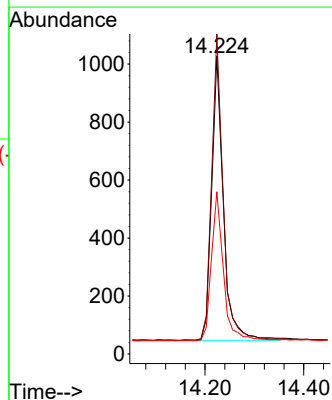
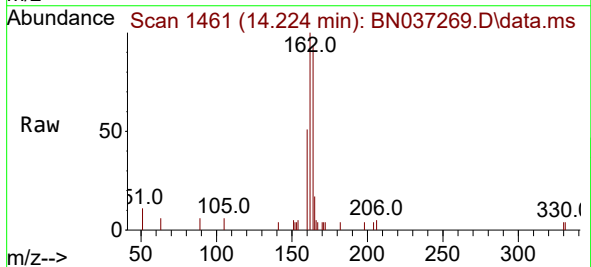
Instrument :
BNA_N
ClientSampleId :
TT190D2-20250611

Tgt Ion:152 Resp: 1172
Ion Ratio Lower Upper
152 100
151 19.8 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

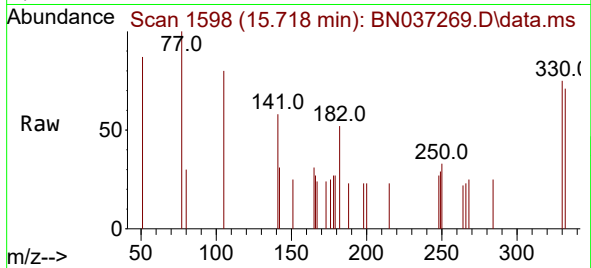
Tgt Ion:164 Resp: 1624
Ion Ratio Lower Upper
164 100
162 107.4 86.7 130.1
160 54.5 45.8 68.6



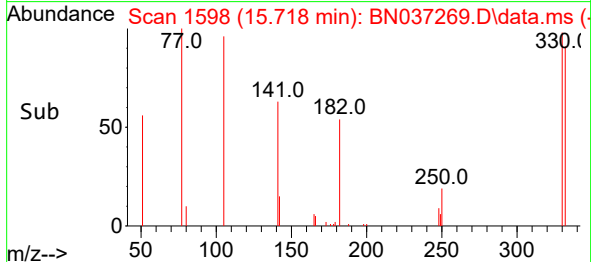
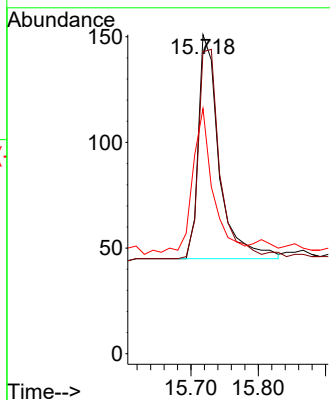


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

Instrument :
BNA_N
ClientSampleId :
TT190D2-20250611

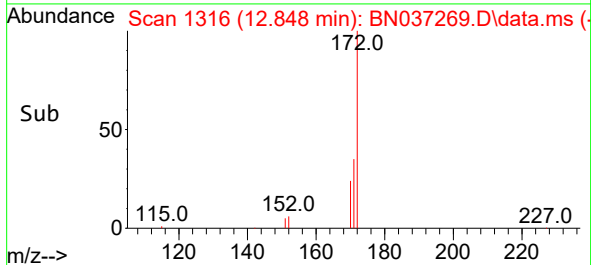
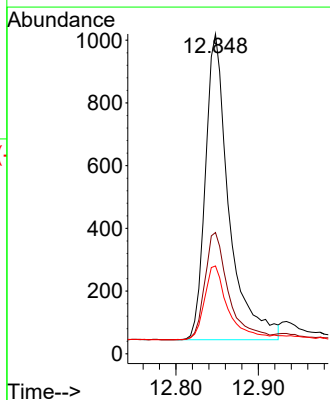
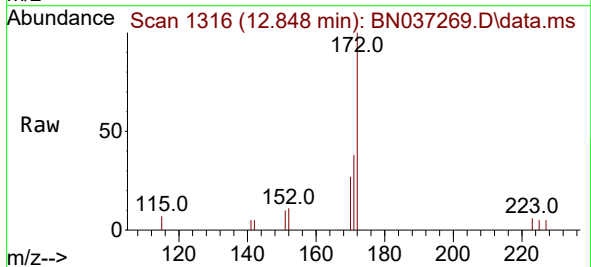


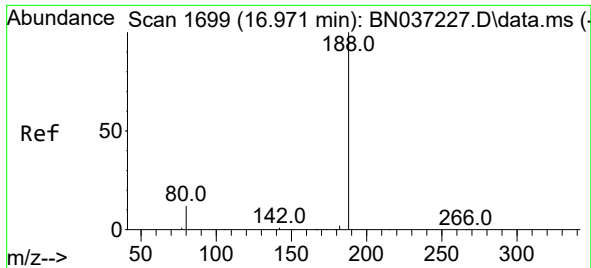
Tgt Ion:330 Resp: 228
Ion Ratio Lower Upper
330 100
332 100.0 74.9 112.3
141 61.4 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

Tgt Ion:172 Resp: 1938
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.8
170 27.5 21.1 31.7

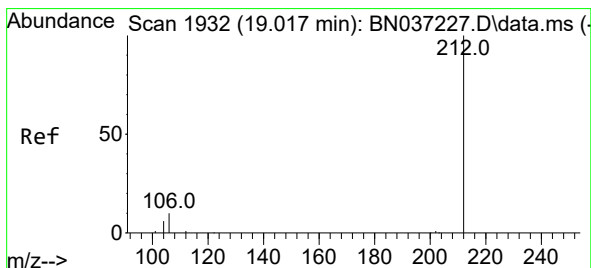
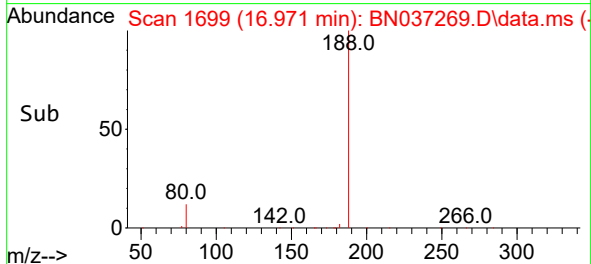
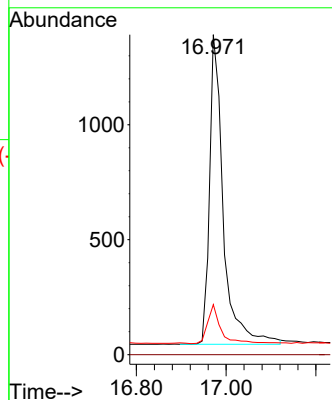
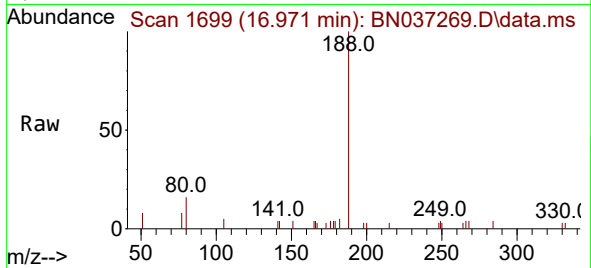




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

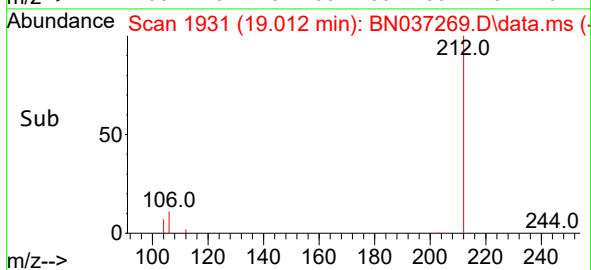
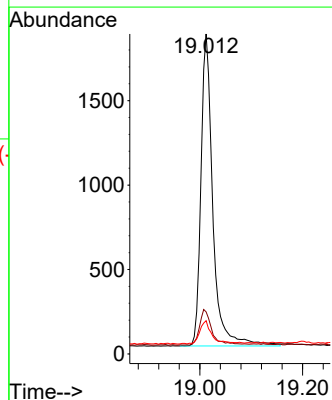
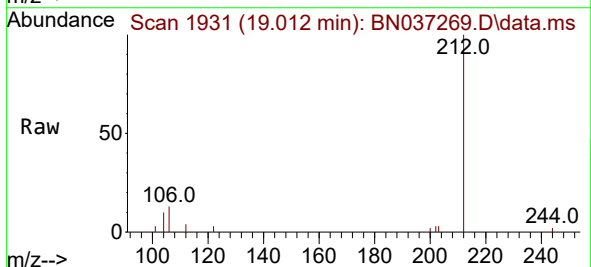
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ClientSampleId :
TT190D2-20250611

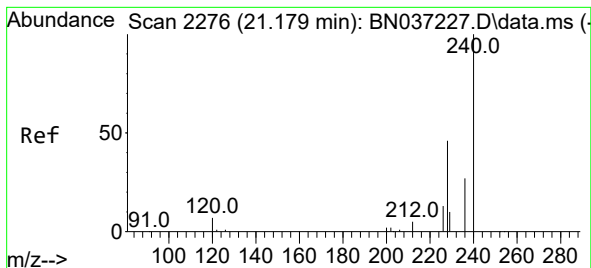
Tgt Ion:188 Resp: 2851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037269.D
Acq: 14 Jun 2025 19:24

Tgt Ion:212 Resp: 2983
Ion Ratio Lower Upper
212 100
106 11.7 9.3 13.9
104 7.3 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037269.D

Acq: 14 Jun 2025 19:24

Instrument :

BNA_N

ClientSampleId :

TT190D2-20250611

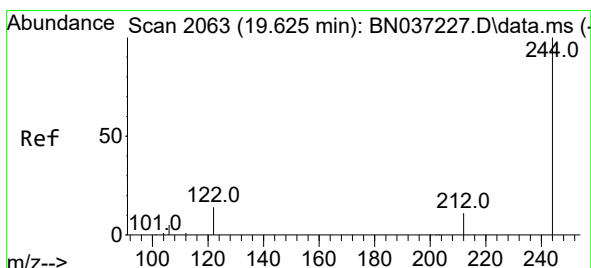
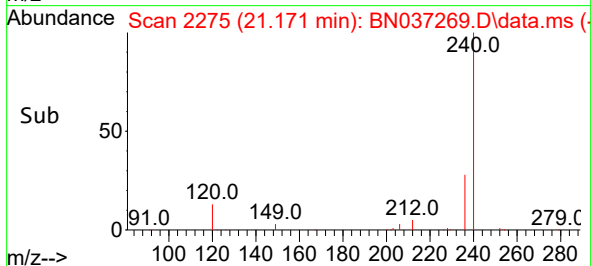
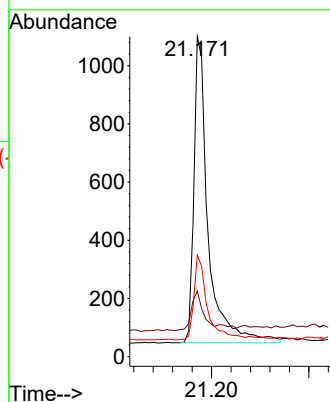
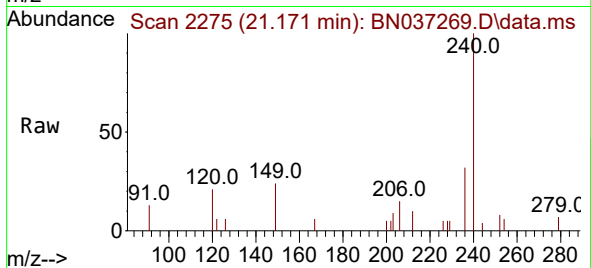
Tgt Ion:240 Resp: 2132

Ion Ratio Lower Upper

240 100

120 20.5 11.3 16.9#

236 31.7 24.4 36.6



#31

Terphenyl-d14

Concen: 0.499 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037269.D

Acq: 14 Jun 2025 19:24

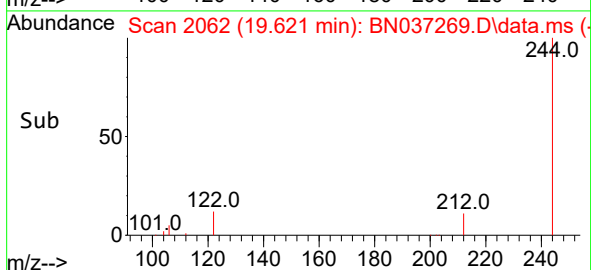
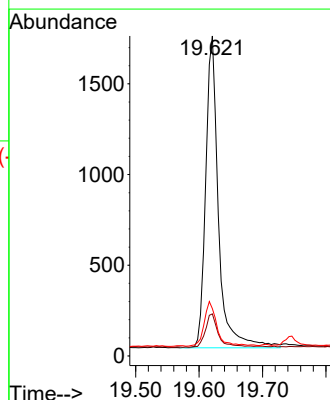
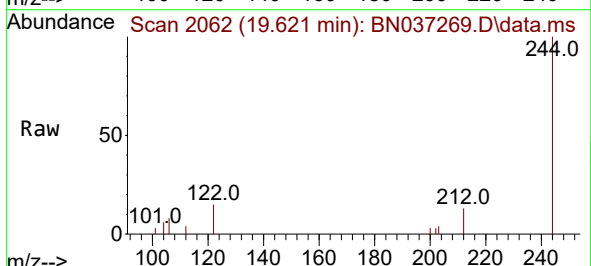
Tgt Ion:244 Resp: 2407

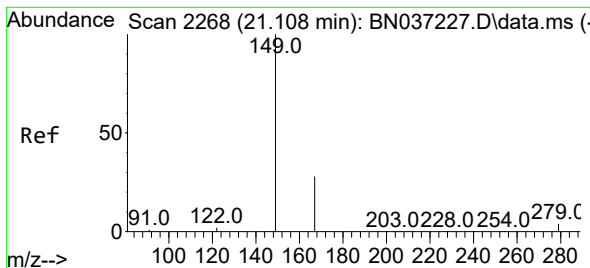
Ion Ratio Lower Upper

244 100

212 13.2 12.2 18.2

122 14.8 14.3 21.5

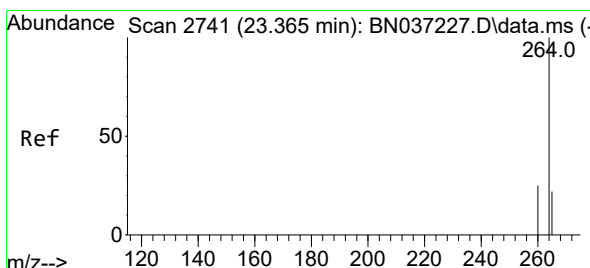
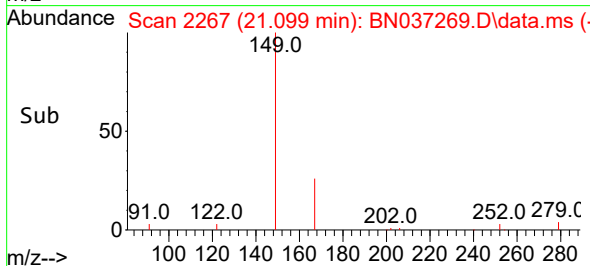
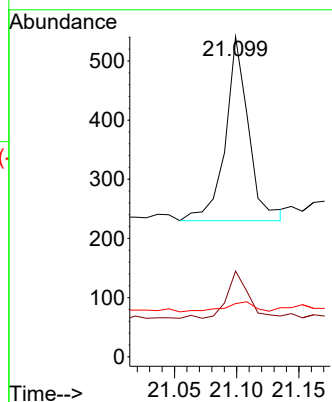
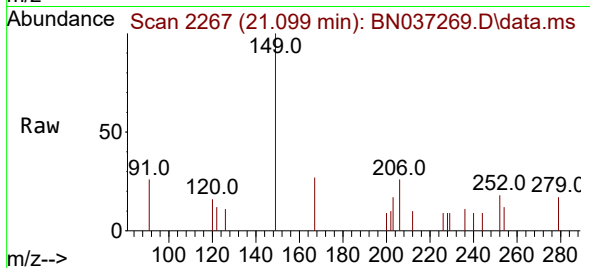




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037269.D
 Acq: 14 Jun 2025 19:24

Instrument :
 BNA_N
 ClientSampleId :
 TT190D2-20250611

Tgt Ion:149 Resp: 402
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 7.0 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BN037269.D
 Acq: 14 Jun 2025 19:24

Tgt Ion:264 Resp: 1996
 Ion Ratio Lower Upper
 264 100
 260 29.1 22.8 34.2
 265 90.7 66.4 99.6

