

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037968.D
 Acq On : 01 Oct 2025 05:24
 Operator : RC/JU
 Sample : Q3193-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250923

Quant Time: Oct 01 05:50:20 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)

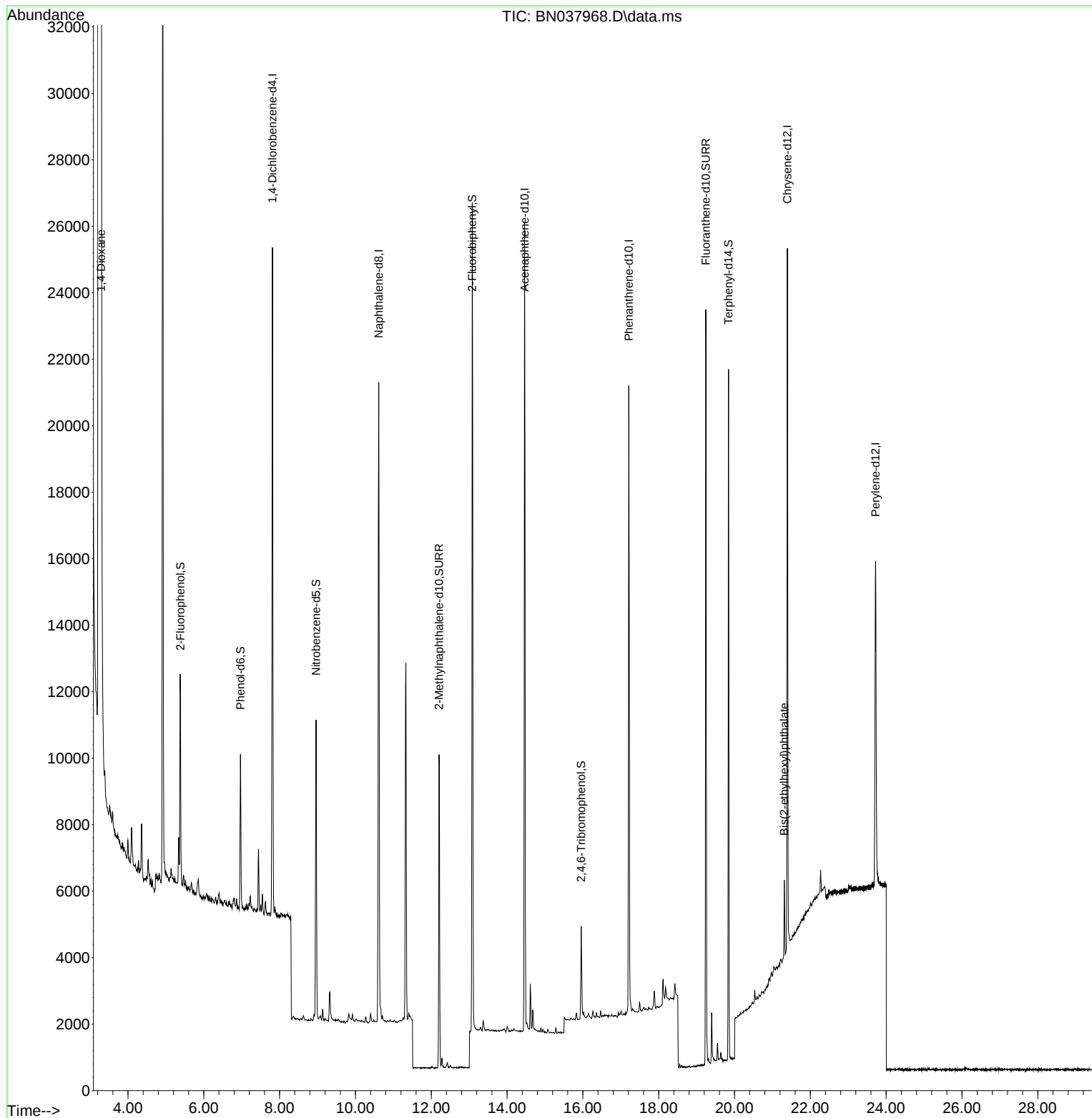
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8935	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	25320	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	13246	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	24716	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	18326	0.400	ng	0.00
35) Perylene-d12	23.721	264	14296	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	5034	0.247	ng	0.00
5) Phenol-d6	6.966	99	4170	0.156	ng	0.00
8) Nitrobenzene-d5	8.961	82	6970	0.361	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	12462	0.354	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1649	0.328	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	21074	0.389	ng	-0.01
27) Fluoranthene-d10	19.243	212	24363	0.392	ng	0.00
31) Terphenyl-d14	19.843	244	18919	0.518	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	44699	4.928	ng	98
34) Bis(2-ethylhexyl)phtha...	21.313	149	2277	0.090	ng	100

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

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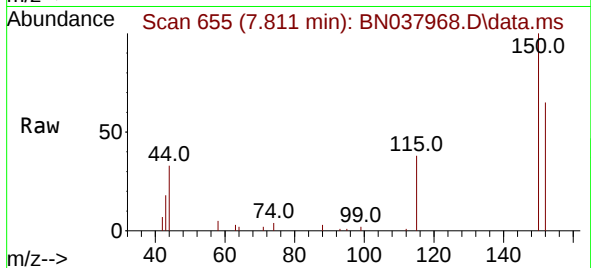
Quant Time: Oct 01 05:50:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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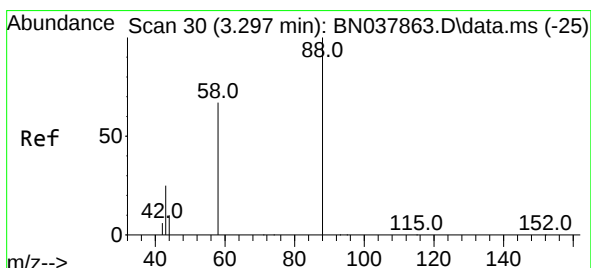
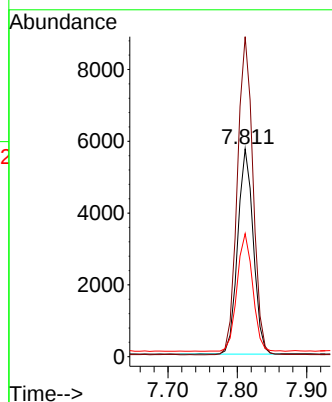
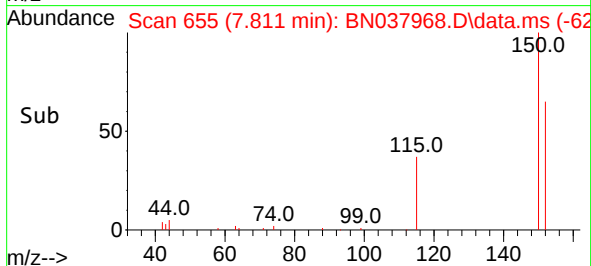


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037968.D
 Acq: 01 Oct 2025 05:24

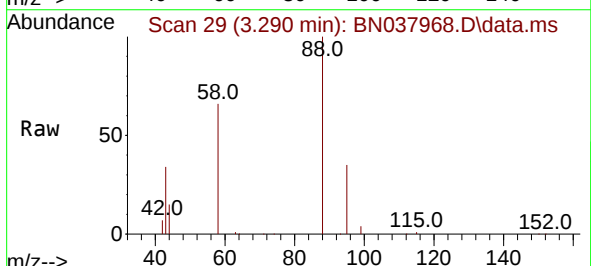
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250923



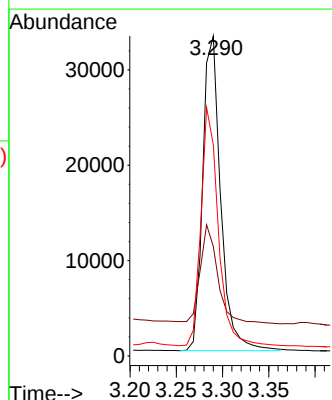
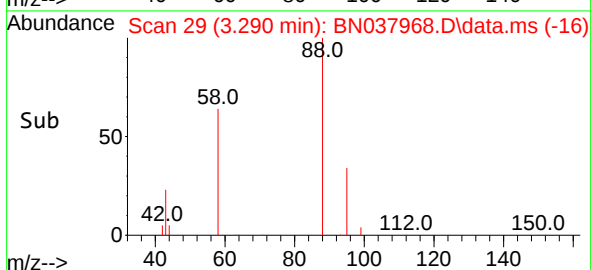
Tgt Ion:152 Resp: 8935
 Ion Ratio Lower Upper
 152 100
 150 153.9 121.0 181.4
 115 59.2 47.4 71.0



#2
 1,4-Dioxane
 Concen: 4.928 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037968.D
 Acq: 01 Oct 2025 05:24



Tgt Ion: 88 Resp: 44699
 Ion Ratio Lower Upper
 88 100
 43 31.1 26.6 39.8
 58 72.8 58.9 88.3





#4

2-Fluorophenol

Concen: 0.247 ng

RT: 5.384 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN037968.D

Acq: 01 Oct 2025 05:24

Instrument :

BNA_N

ClientSampleId :

RE103D1-20250923

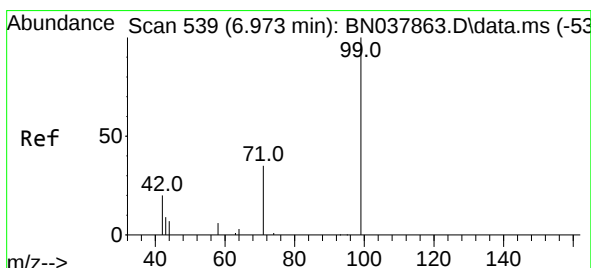
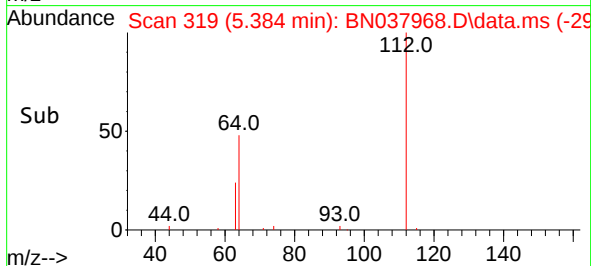
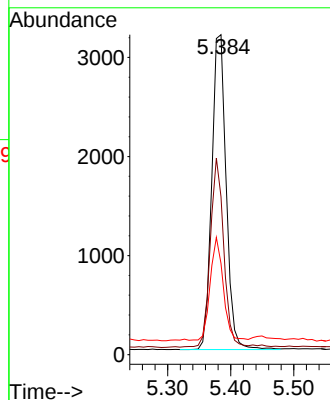
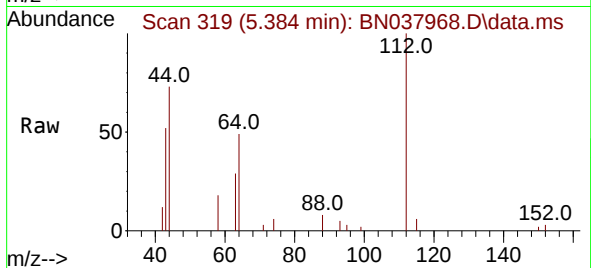
Tgt Ion:112 Resp: 5034

Ion Ratio Lower Upper

112 100

64 55.8 44.6 66.8

63 29.4 24.9 37.3



#5

Phenol-d6

Concen: 0.156 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN037968.D

Acq: 01 Oct 2025 05:24

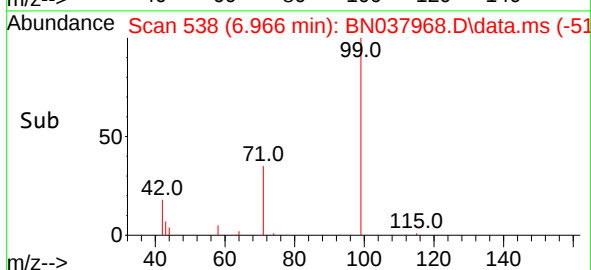
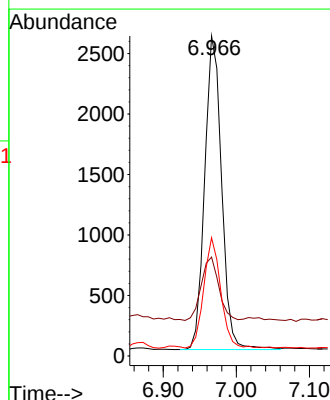
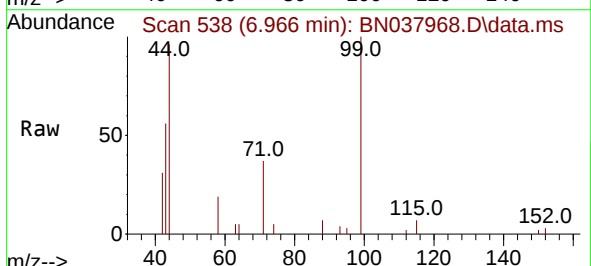
Tgt Ion: 99 Resp: 4170

Ion Ratio Lower Upper

99 100

42 20.9 17.2 25.8

71 35.2 27.3 40.9

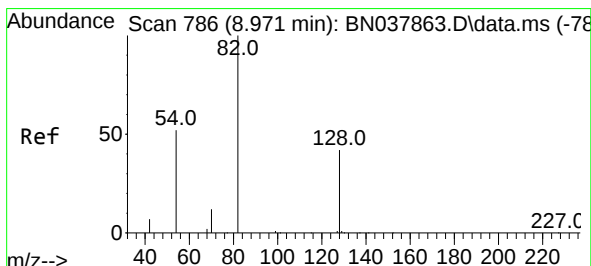
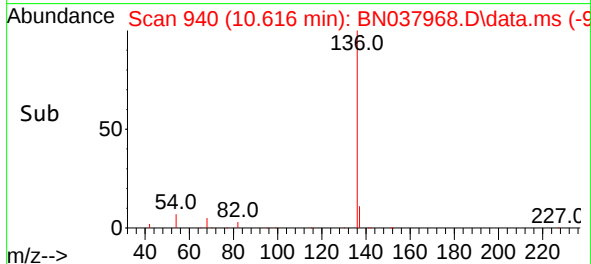
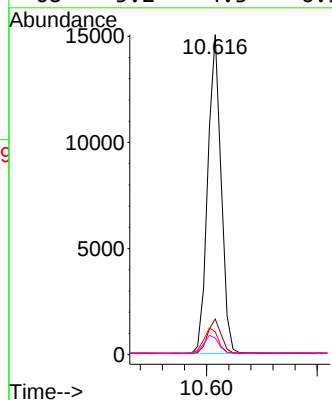
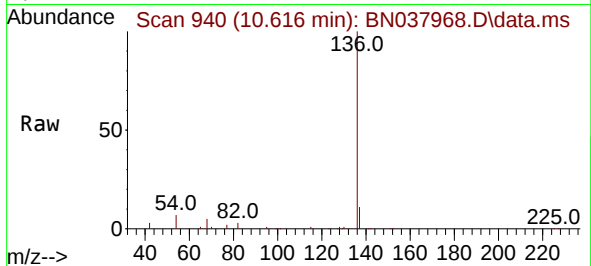




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

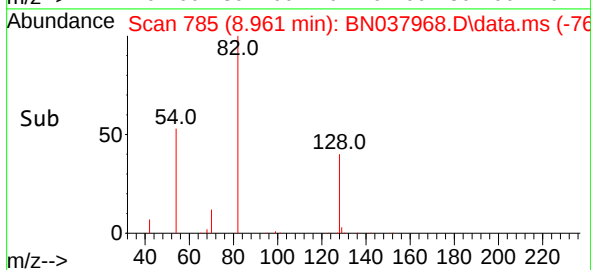
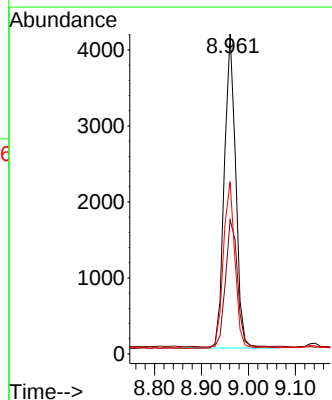
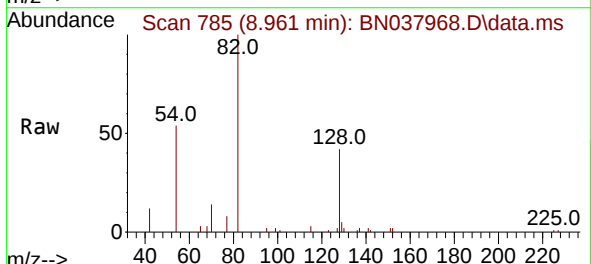
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250923

Tgt Ion:136	Resp:	25320
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.1	5.8 8.8
68	5.2	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

Tgt Ion: 82	Resp:	6970
Ion Ratio	Lower	Upper
82	100	
128	41.9	34.8 52.2
54	53.9	42.2 63.2

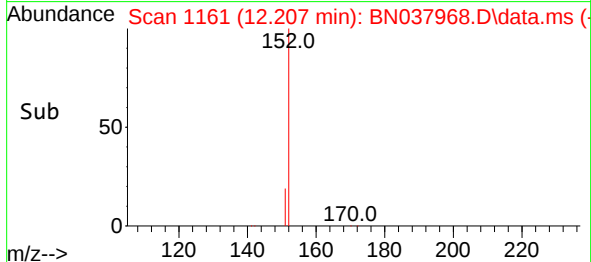
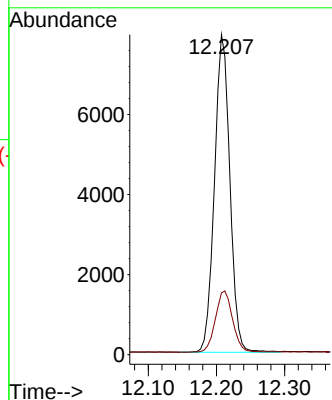
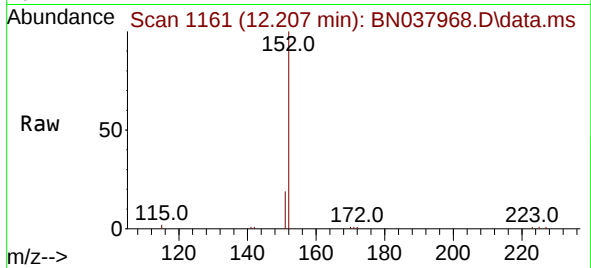




#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

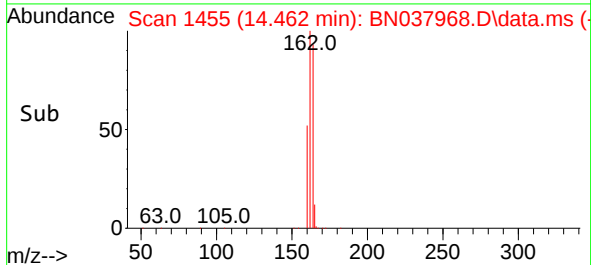
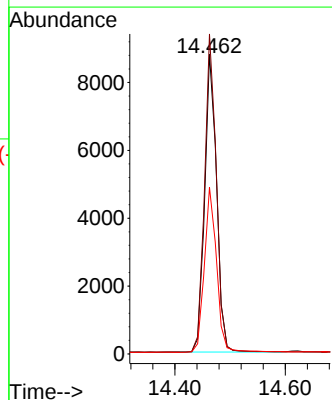
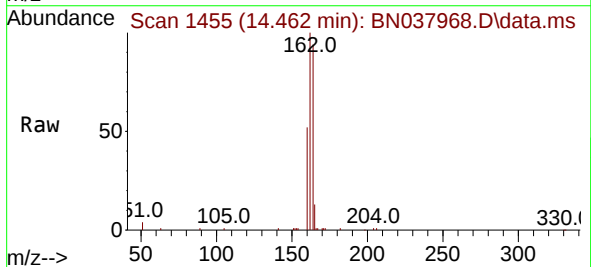
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250923

Tgt Ion:152 Resp: 12462
Ion Ratio Lower Upper
152 100
151 21.6 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: BN037968.D
Acq: 01 Oct 2025 05:24

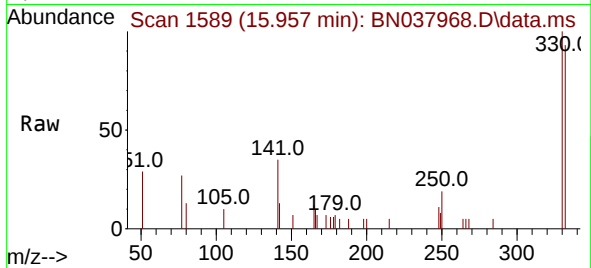
Tgt Ion:164 Resp: 13246
Ion Ratio Lower Upper
164 100
162 106.9 84.8 127.2
160 55.7 46.1 69.1



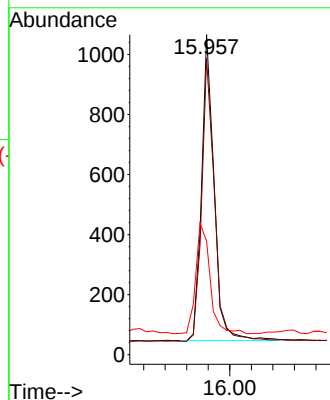
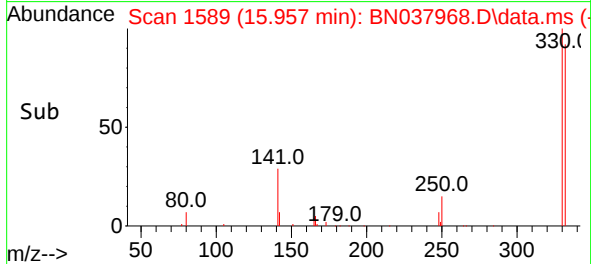


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250923

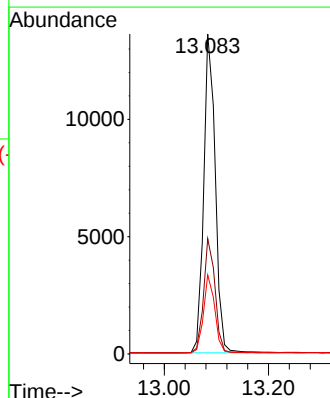
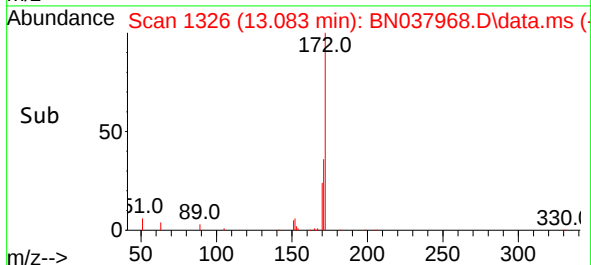
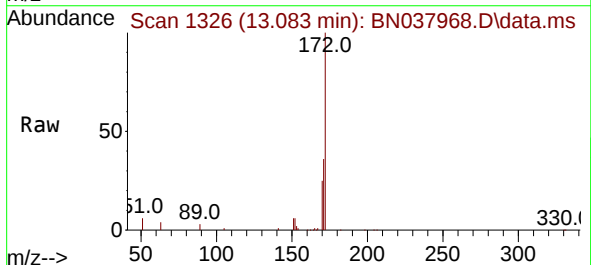


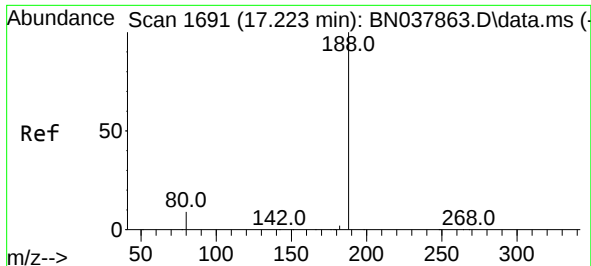
Tgt Ion:330 Resp: 1649
Ion Ratio Lower Upper
330 100
332 94.7 77.2 115.8
141 41.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

Tgt Ion:172 Resp: 21074
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.7 19.7 29.5

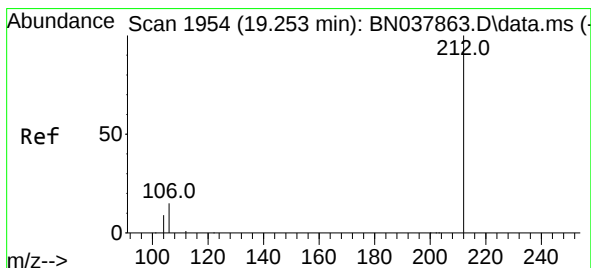
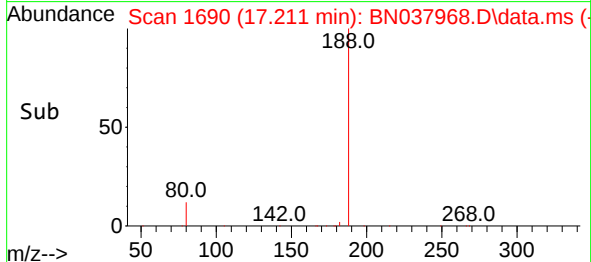
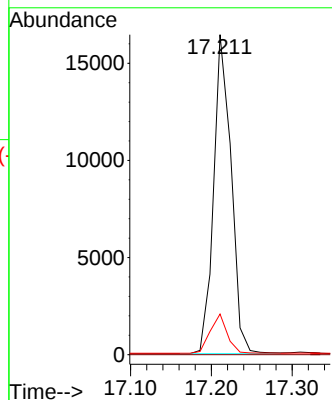
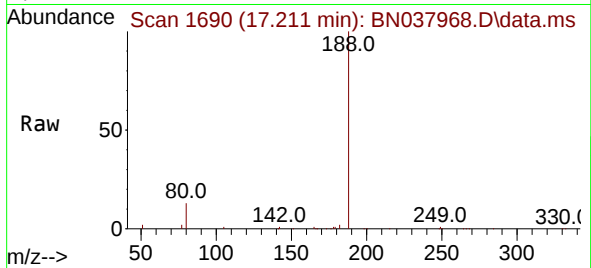




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

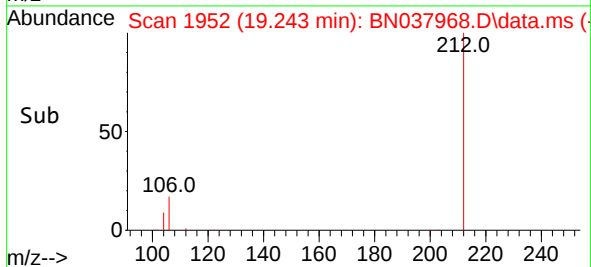
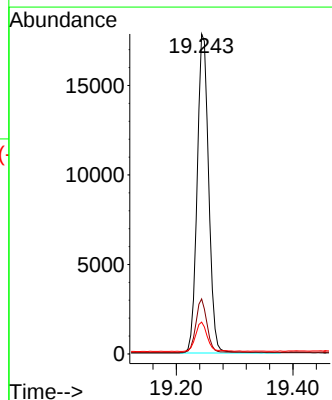
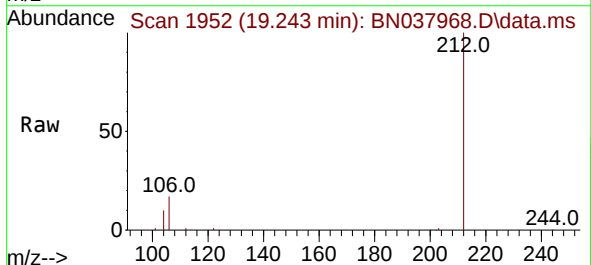
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BNA_N
ClientSampleId :
RE103D1-20250923

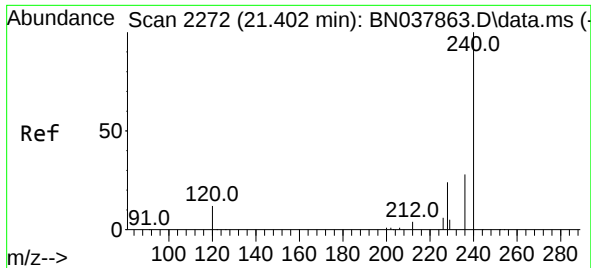
Tgt Ion:188 Resp: 24716
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

Tgt Ion:212 Resp: 24363
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.4 7.4 11.0

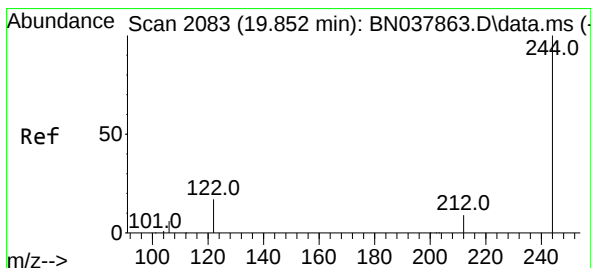
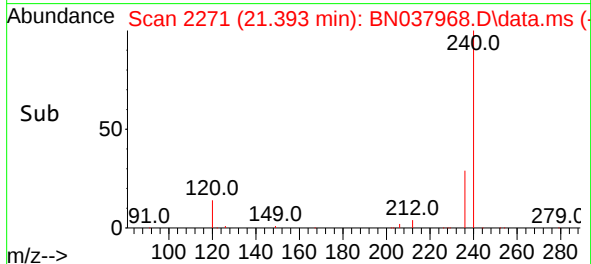
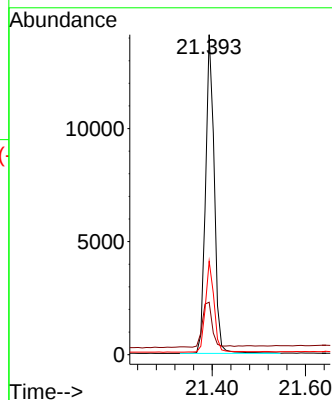
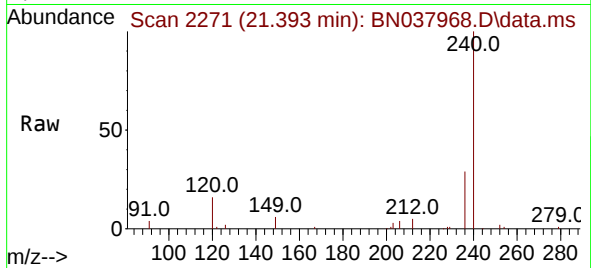




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

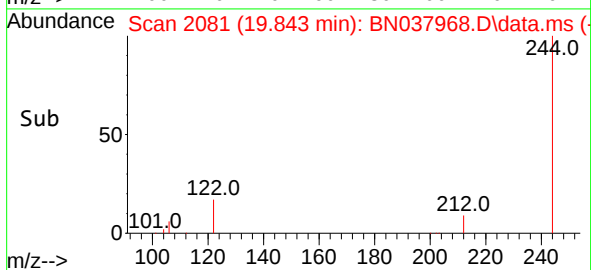
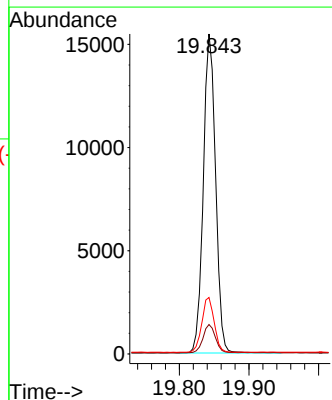
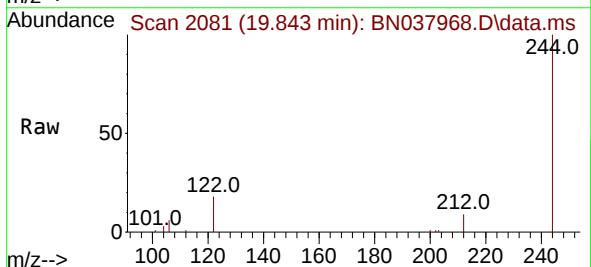
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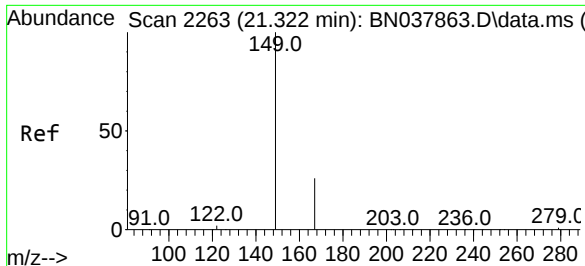
Tgt Ion:240 Resp: 18326
Ion Ratio Lower Upper
240 100
120 16.4 11.4 17.2
236 29.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.843 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN037968.D
Acq: 01 Oct 2025 05:24

Tgt Ion:244 Resp: 18919
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 17.6 13.9 20.9

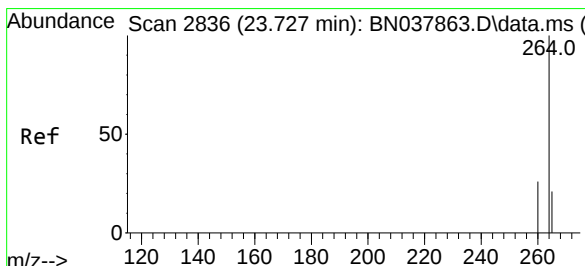
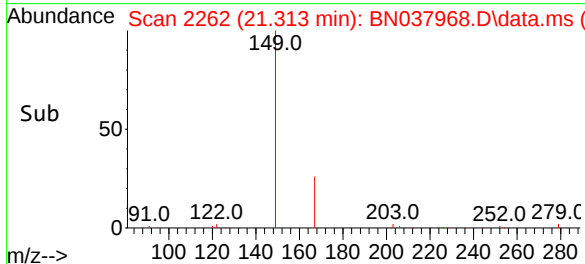
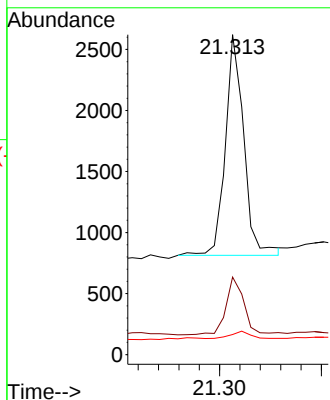
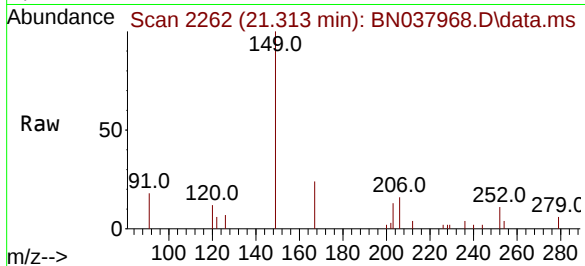




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.313 min Scan# 2131
 Delta R.T. -0.009 min
 Lab File: BN037968.D
 Acq: 01 Oct 2025 05:24

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250923

Tgt Ion:149	Resp:	2277
Ion Ratio	Lower	Upper
149	100	
167	25.3	20.4 30.6
279	3.4	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: BN037968.D
 Acq: 01 Oct 2025 05:24

Tgt Ion:264	Resp:	14296
Ion Ratio	Lower	Upper
264	100	
260	26.2	21.5 32.3
265	80.8	53.8 80.6

