

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037818.D
 Acq On : 19 Sep 2025 17:21
 Operator : RC/JU
 Sample : Q3097-19DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20250912DL

Quant Time: Sep 19 18:01:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

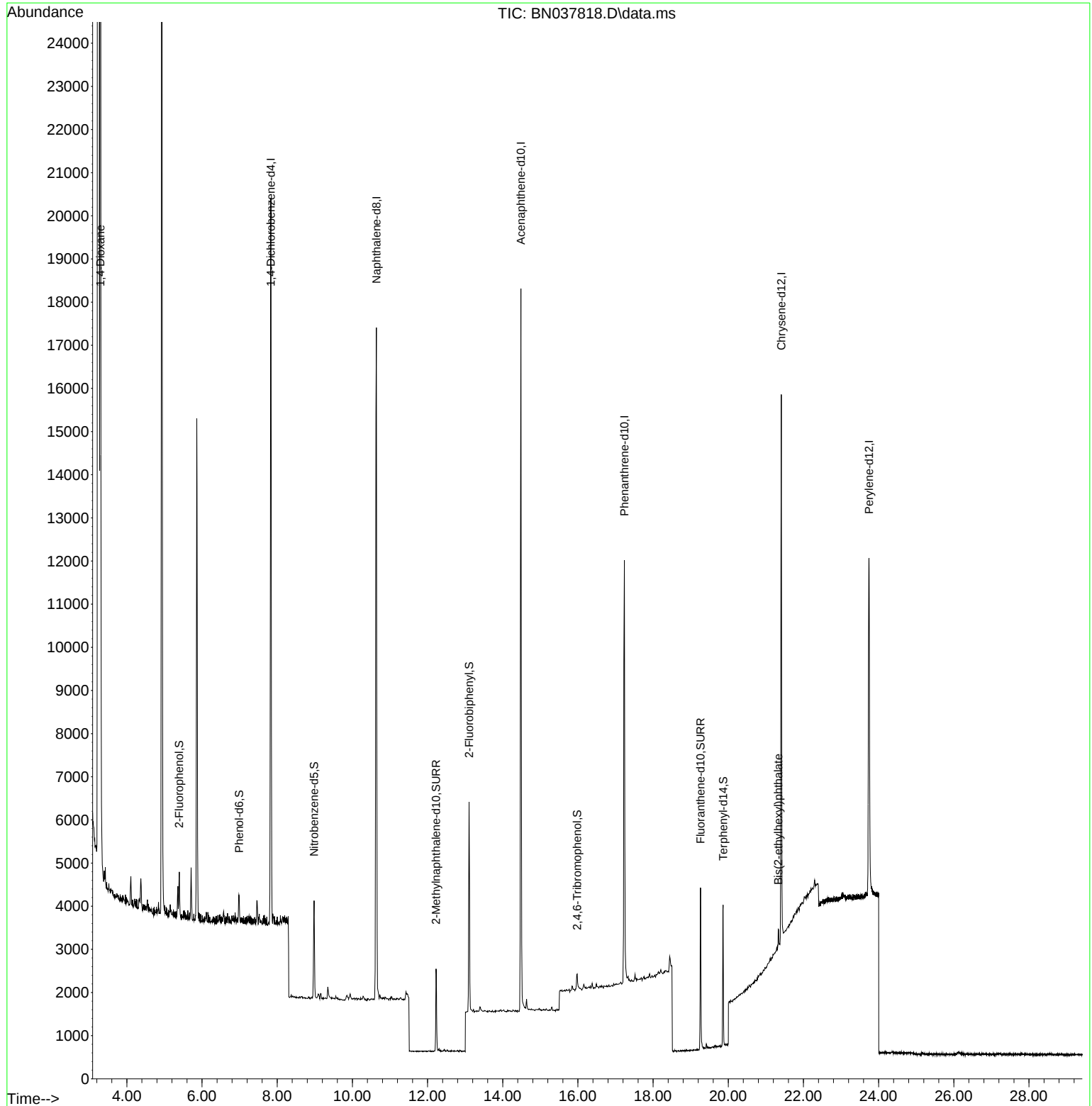
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.833	152	8131	0.400 ng	0.00
7) Naphthalene-d8	10.637	136	21334	0.400 ng	-0.01
13) Acenaphthene-d10	14.484	164	9041	0.400 ng	-0.01
19) Phenanthrene-d10	17.235	188	15081	0.400 ng	# 0.00
29) Chrysene-d12	21.411	240	11372	0.400 ng	0.00
35) Perylene-d12	23.744	264	11377	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.392	112	836	0.045 ng	0.00
5) Phenol-d6	6.988	99	601	0.025 ng	0.00
8) Nitrobenzene-d5	8.982	82	1832	0.117 ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	2602	0.092 ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	298	0.126 ng	0.00
15) 2-Fluorobiphenyl	13.105	172	4101	0.108 ng	-0.01
27) Fluoranthene-d10	19.262	212	4190	0.111 ng	0.00
31) Terphenyl-d14	19.861	244	3082	0.134 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.297	88	21691	2.561 ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	479	0.041 ng	# 96

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

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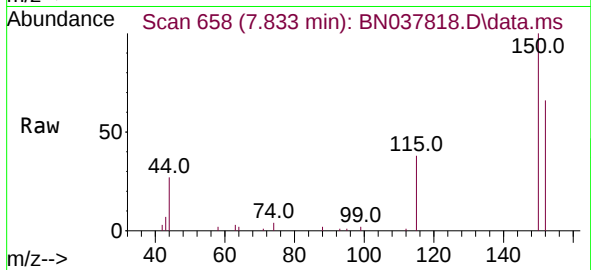
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



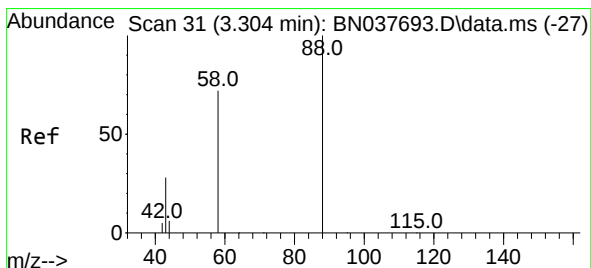
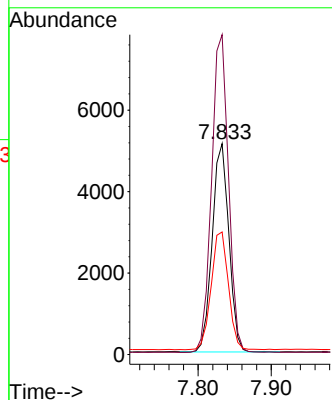
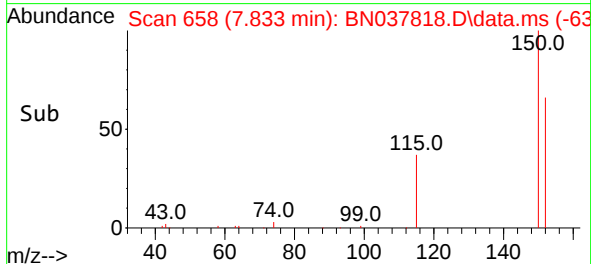


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037818.D
 Acq: 19 Sep 2025 17:21

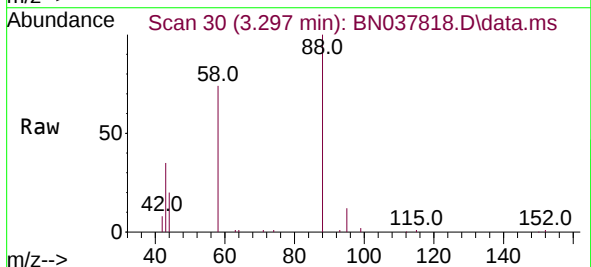
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20250912DL



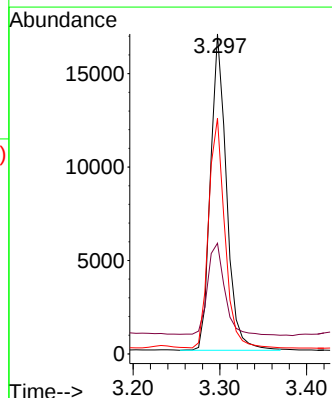
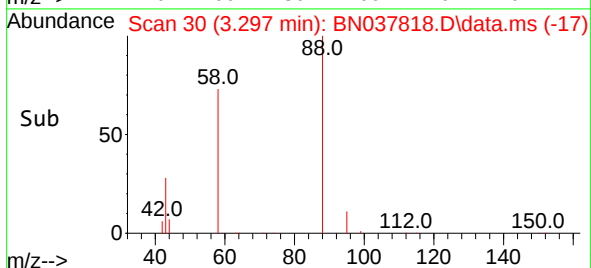
Tgt Ion:152 Resp: 8131
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.5 186.7
 115 58.1 49.2 73.8

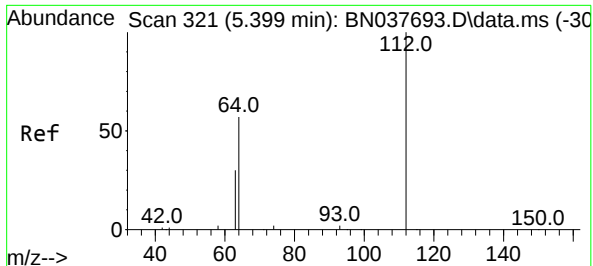


#2
 1,4-Dioxane
 Concen: 2.561 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037818.D
 Acq: 19 Sep 2025 17:21



Tgt Ion: 88 Resp: 21691
 Ion Ratio Lower Upper
 88 100
 43 31.2 26.8 40.2
 58 73.4 61.9 92.9

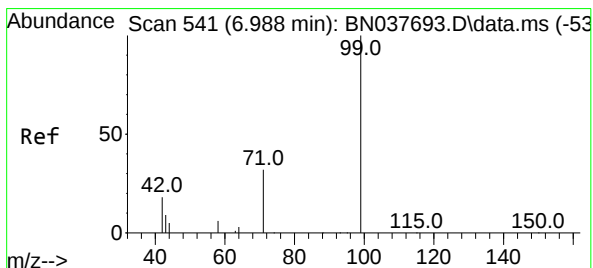
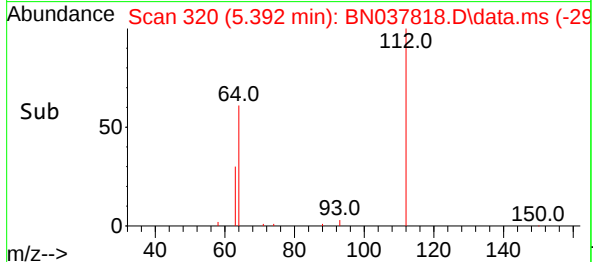
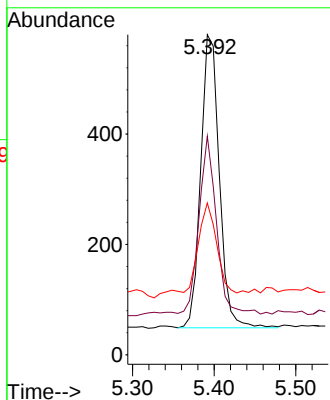
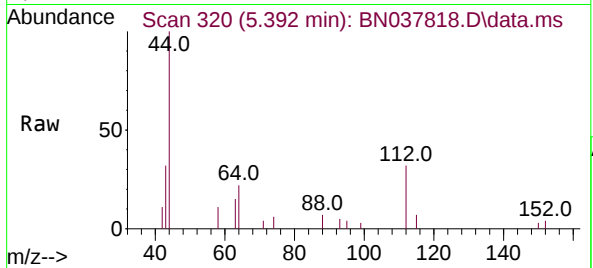




#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

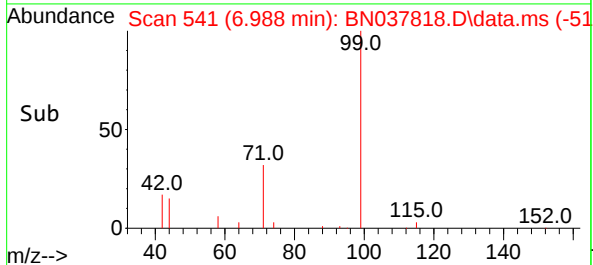
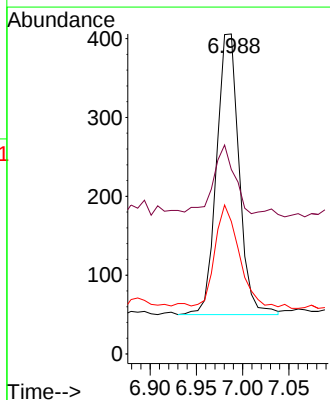
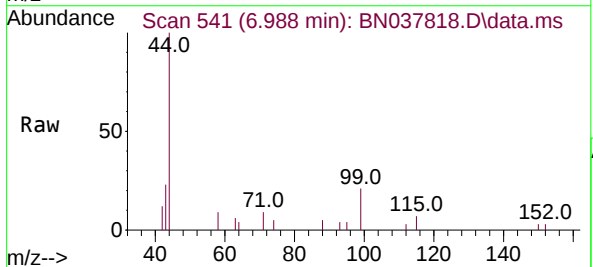
Instrument :
BNA_N
ClientSampleId :
RE120D1-20250912DL

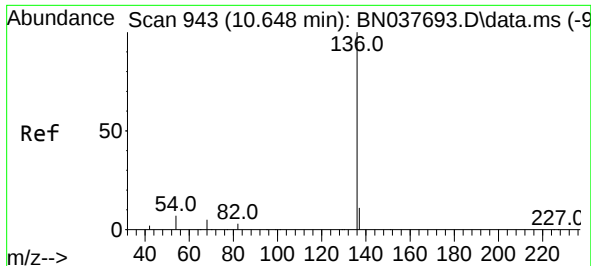
Tgt Ion:112 Resp: 836
Ion Ratio Lower Upper
112 100
64 61.2 44.9 67.3
63 36.5 24.7 37.1



#5
Phenol-d6
Concen: 0.025 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

Tgt Ion: 99 Resp: 601
Ion Ratio Lower Upper
99 100
42 23.0 16.6 24.8
71 41.3 26.7 40.1#

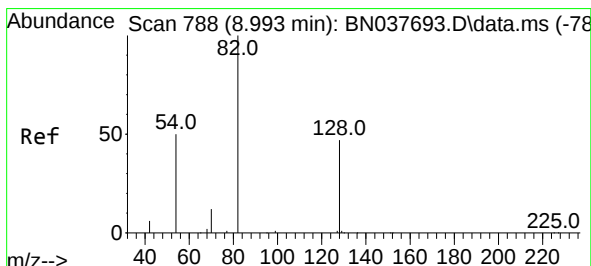
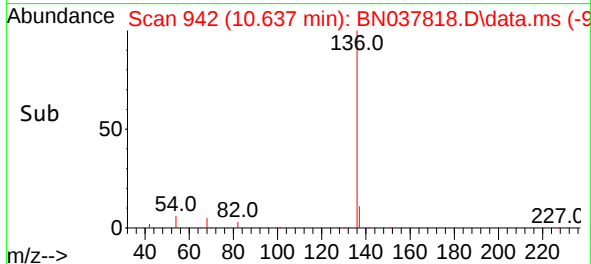
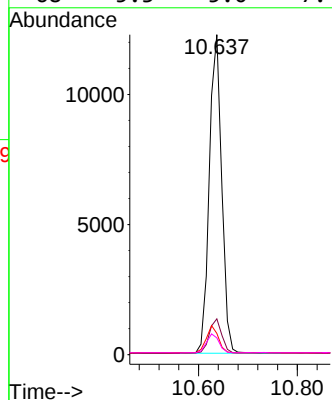
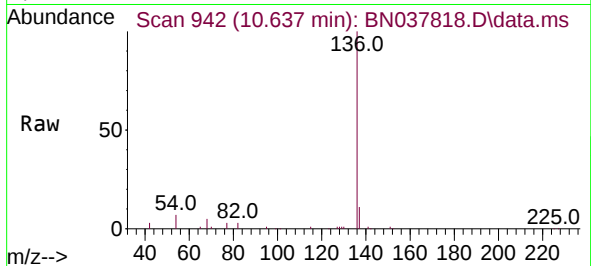




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

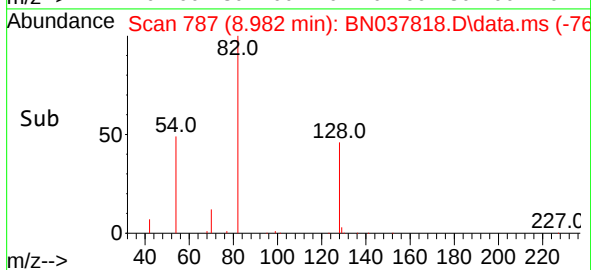
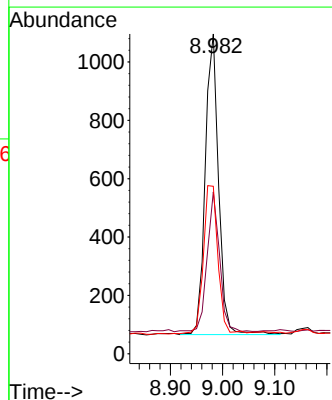
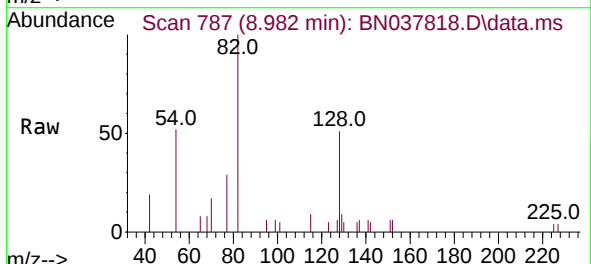
Instrument :
BNA_N
ClientSampleId :
RE120D1-20250912DL

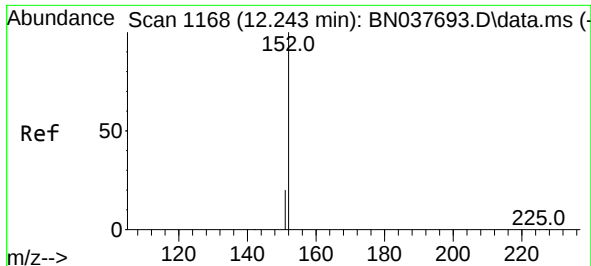
Tgt Ion:	136	Resp:	21334
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	6.6	6.3	9.5
68	5.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.117 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

Tgt Ion:	82	Resp:	1832
Ion Ratio	Lower	Upper	
82	100		
128	50.6	38.3	57.5
54	52.4	41.4	62.2

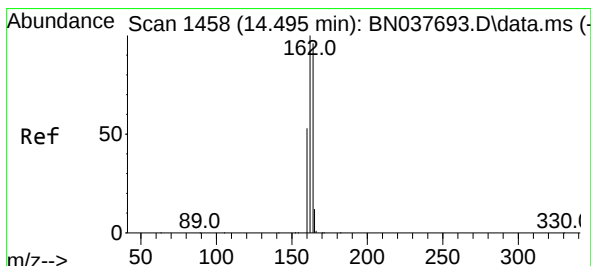
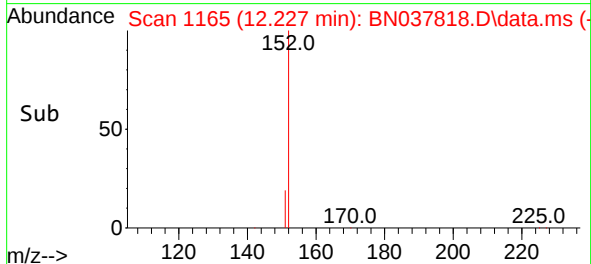
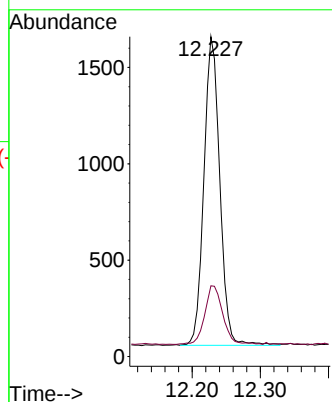
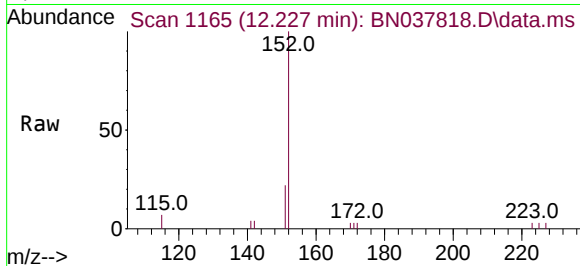




#11
2-Methylnaphthalene-d10
Concen: 0.092 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

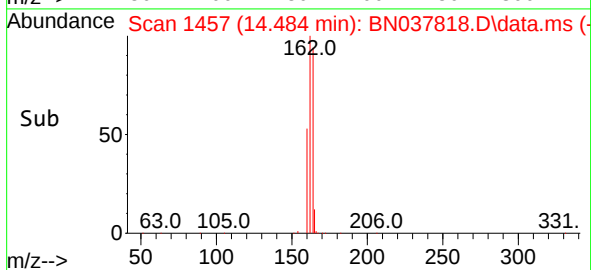
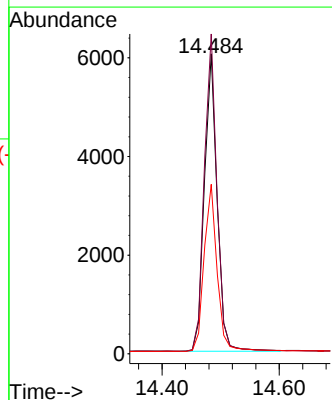
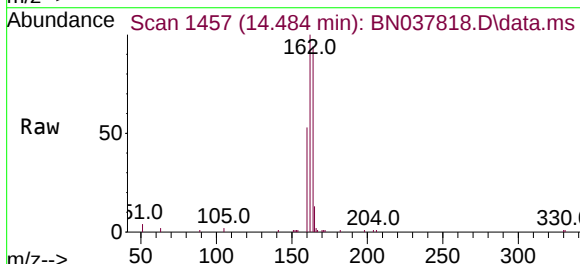
Instrument :
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ClientSampleId :
RE120D1-20250912DL

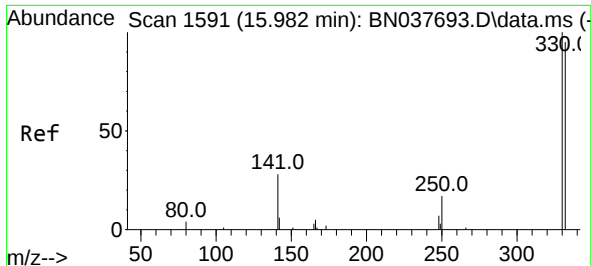
Tgt Ion:152 Resp: 2602
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

Tgt Ion:164 Resp: 9041
Ion Ratio Lower Upper
164 100
162 106.6 83.1 124.7
160 56.5 44.3 66.5

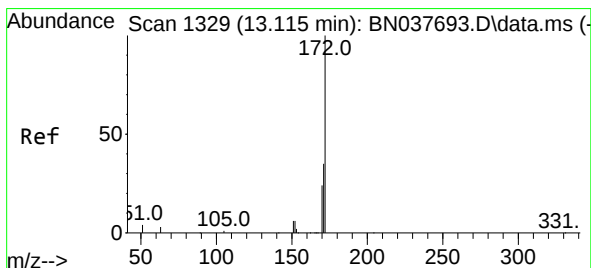
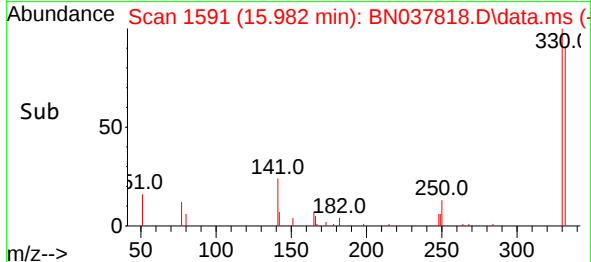
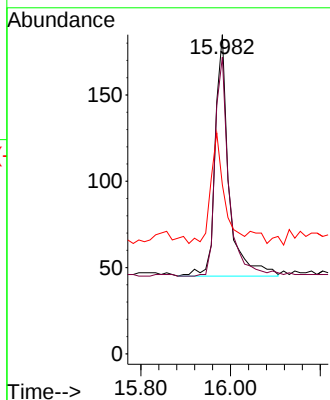
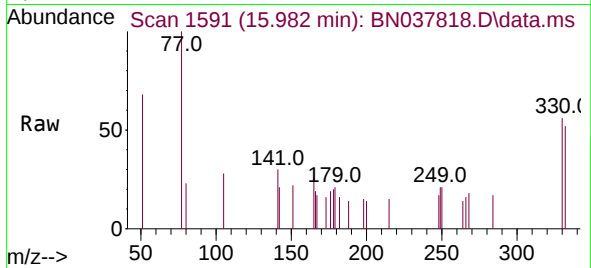




#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.982 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

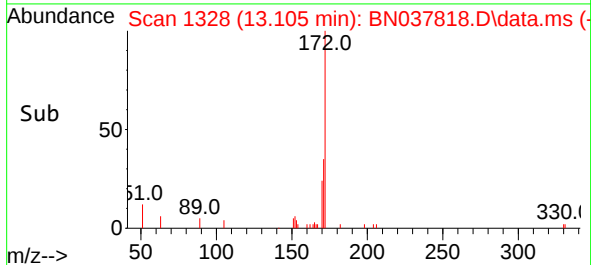
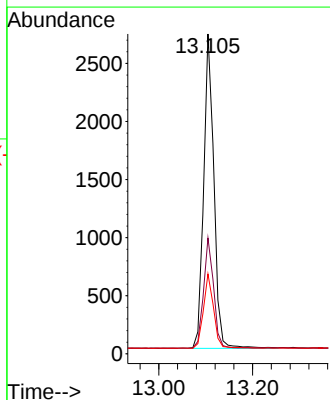
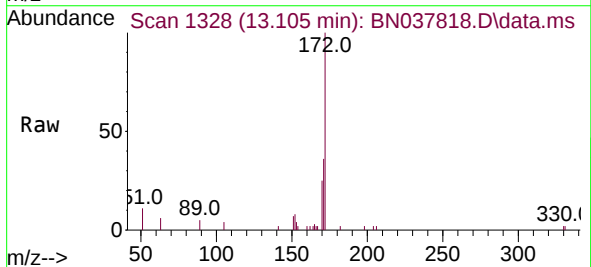
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RE120D1-20250912DL

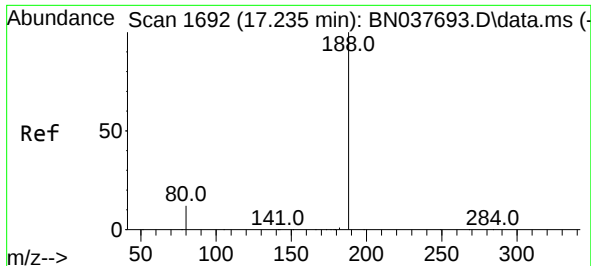
Tgt Ion:	330	Resp:	298
Ion Ratio	Lower	Upper	
330	100		
332	91.6	75.3	112.9
141	46.0	35.0	52.4



#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

Tgt Ion:	172	Resp:	4101
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	24.9	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN037818.D

Acq: 19 Sep 2025 17:21

Instrument :

BNA_N

ClientSampleId :

RE120D1-20250912DL

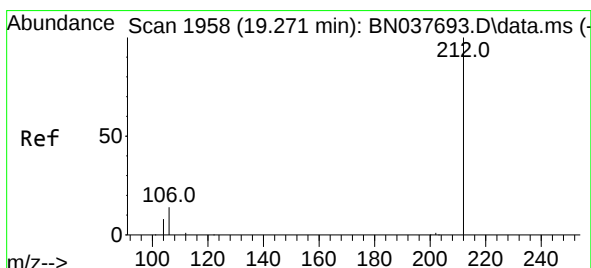
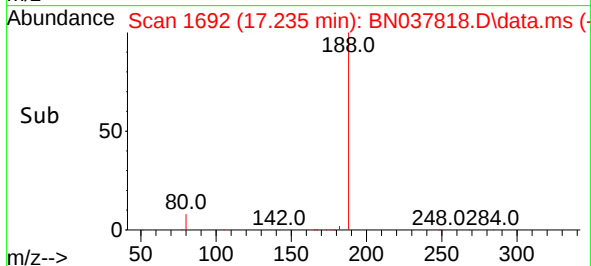
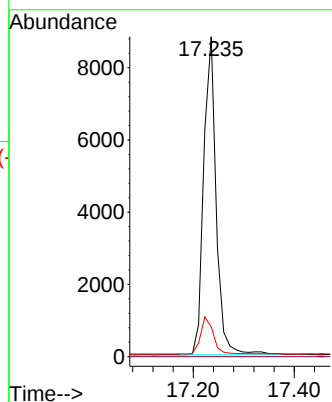
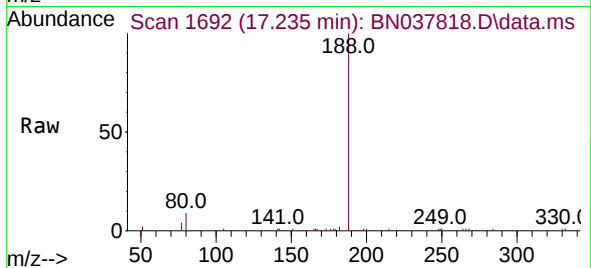
Tgt Ion:188 Resp: 15081

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 10.6 15.8#



#27

Fluoranthene-d10

Concen: 0.111 ng

RT: 19.262 min Scan# 1956

Delta R.T. -0.009 min

Lab File: BN037818.D

Acq: 19 Sep 2025 17:21

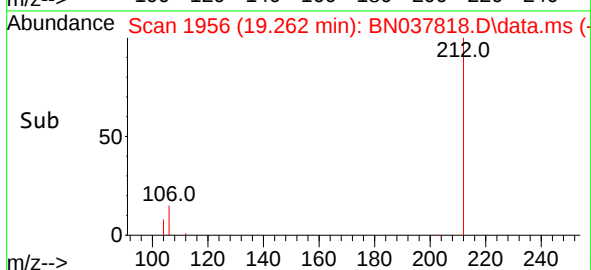
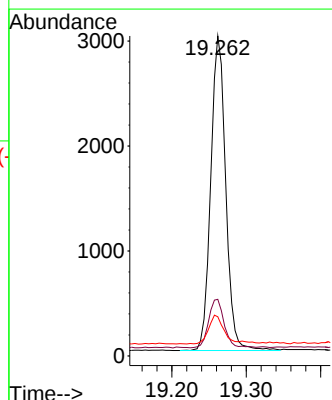
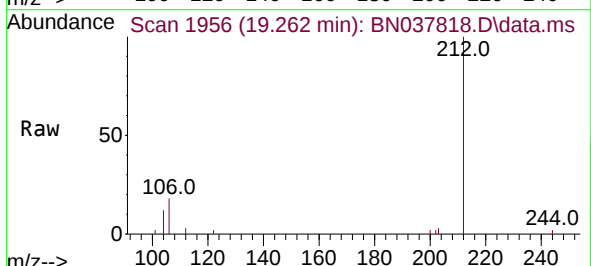
Tgt Ion:212 Resp: 4190

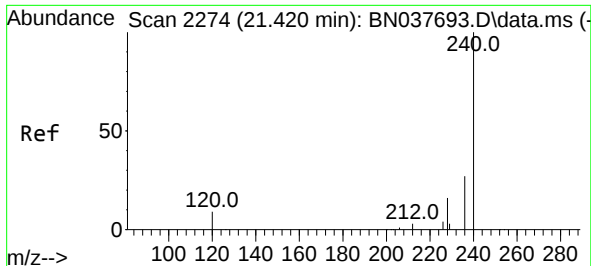
Ion Ratio Lower Upper

212 100

106 16.1 12.2 18.2

104 9.2 6.9 10.3

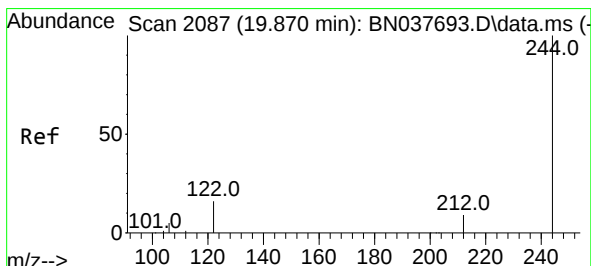
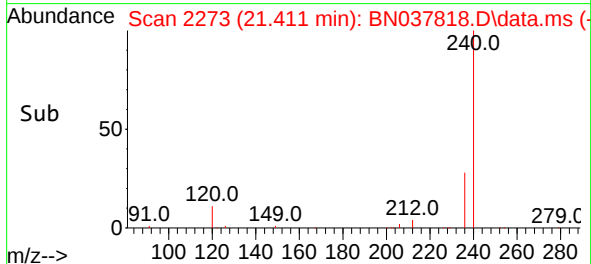
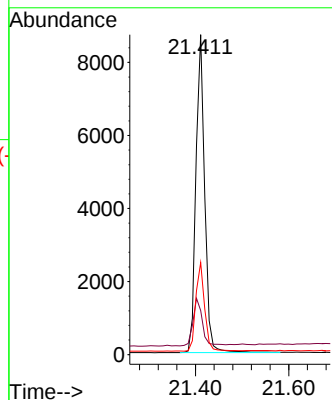
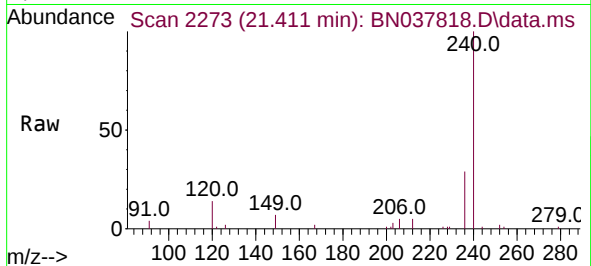




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

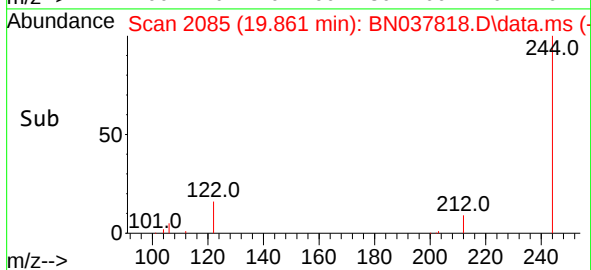
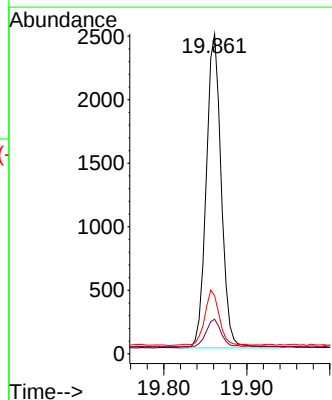
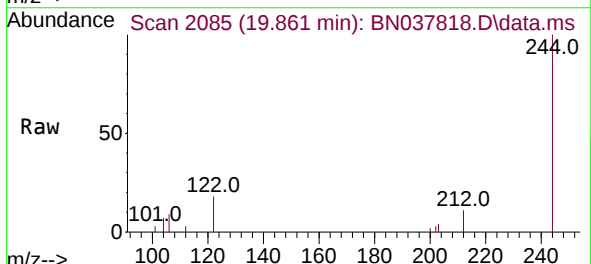
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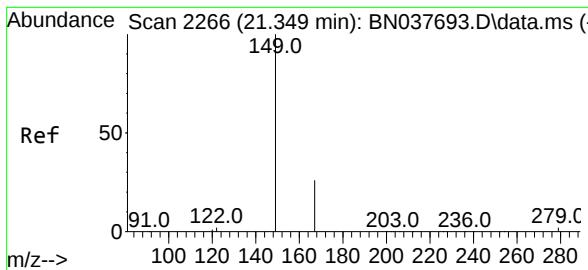
Tgt Ion:240 Resp: 11372
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.134 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037818.D
Acq: 19 Sep 2025 17:21

Tgt Ion:244 Resp: 3082
Ion Ratio Lower Upper
244 100
212 10.8 7.5 11.3
122 18.1 13.2 19.8

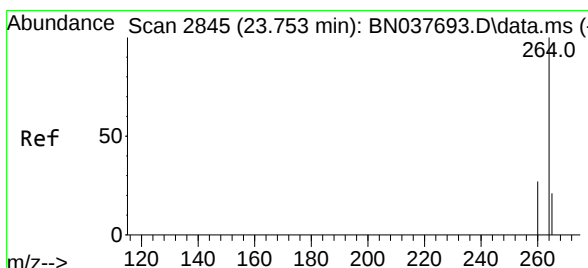
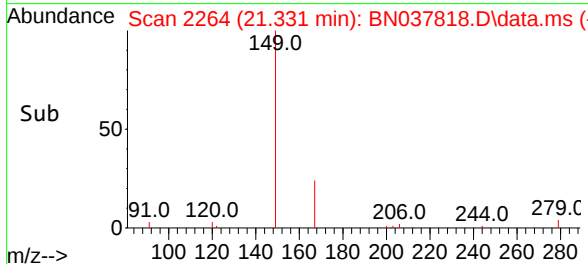
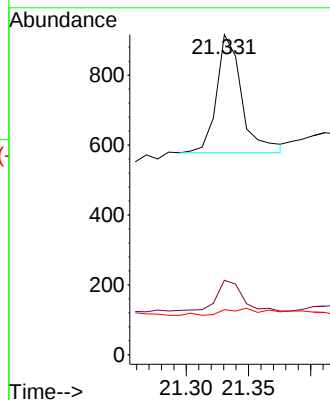
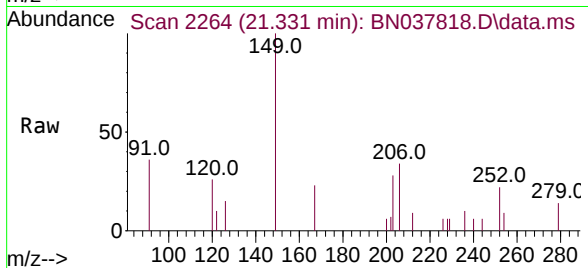




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037818.D
 Acq: 19 Sep 2025 17:21

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20250912DL

Tgt Ion:149 Resp: 479
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.8 31.2
 279 13.8 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037818.D
 Acq: 19 Sep 2025 17:21

Tgt Ion:264 Resp: 11377
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 71.1 39.4 59.2#

