

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037819.D
 Acq On : 19 Sep 2025 17:58
 Operator : RC/JU
 Sample : Q3097-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250912

Quant Time: Sep 19 18:26:36 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)

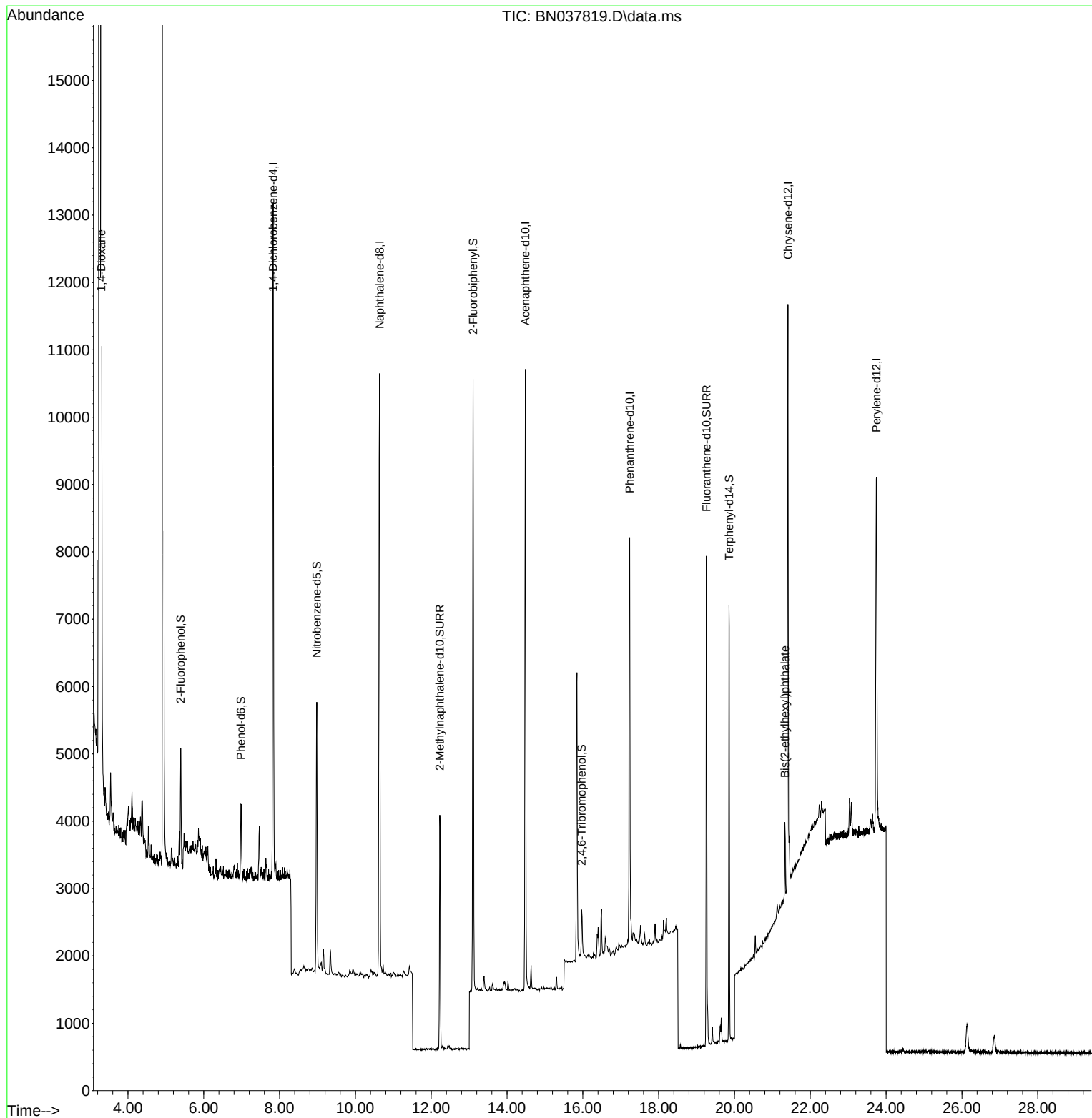
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4690	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12247	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5203	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	9585	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	7866	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	7673	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1407	0.131	ng	0.00
5) Phenol-d6	6.981	99	1025	0.073	ng	0.00
8) Nitrobenzene-d5	8.982	82	3219	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4735	0.292	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	492	0.363	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7423	0.341	ng	-0.01
27) Fluoranthene-d10	19.262	212	8095	0.336	ng	0.00
31) Terphenyl-d14	19.857	244	6189	0.388	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	15832	3.241	ng	97
34) Bis(2-ethylhexyl)phtha...	21.331	149	1054	0.130	ng	# 98

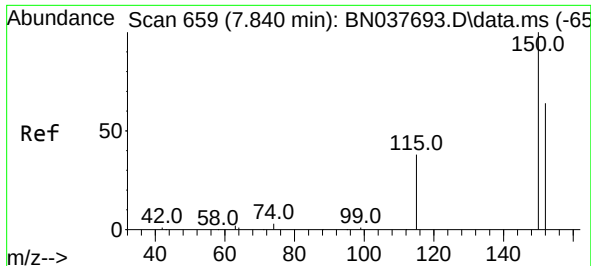
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037819.D
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Operator : RC/JU
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Misc :
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BNA_N
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RE120D2-20250912

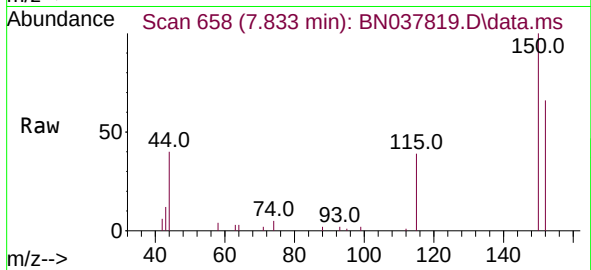
Quant Time: Sep 19 18:26:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





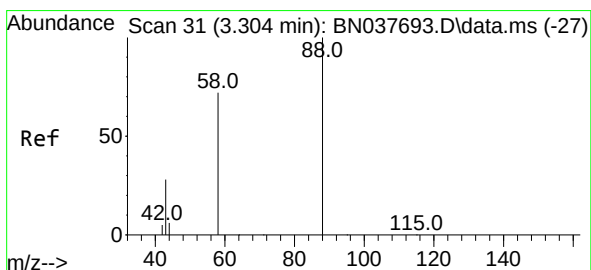
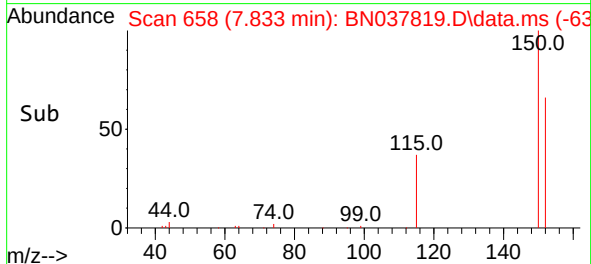
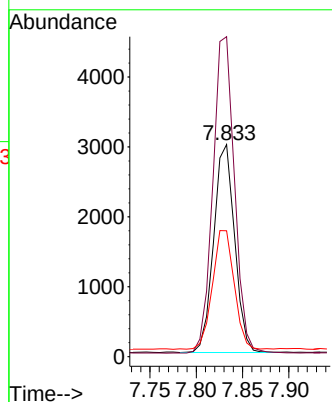
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250912



Tgt Ion:152 Resp: 4690

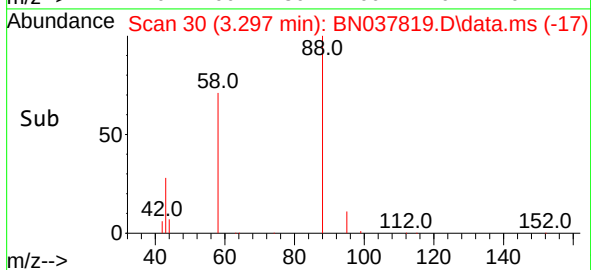
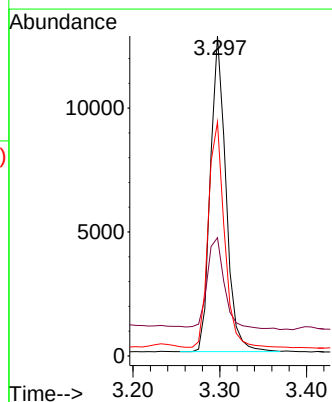
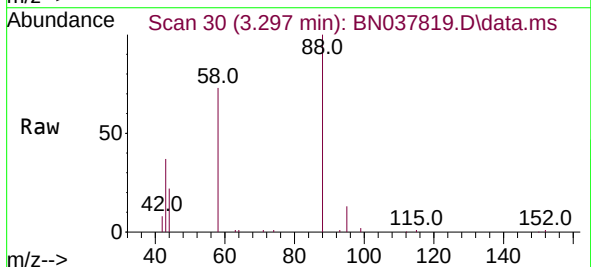
Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.5	186.7
115	59.3	49.2	73.8

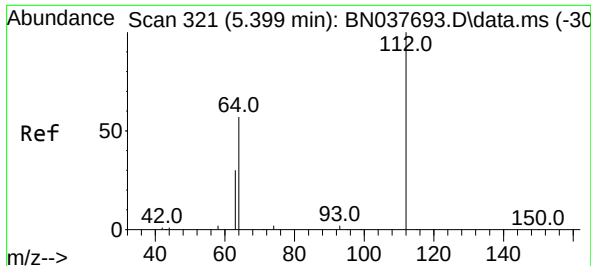


#2
 1,4-Dioxane
 Concen: 3.241 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

Tgt Ion: 88 Resp: 15832

Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.8	40.2
58	73.5	61.9	92.9

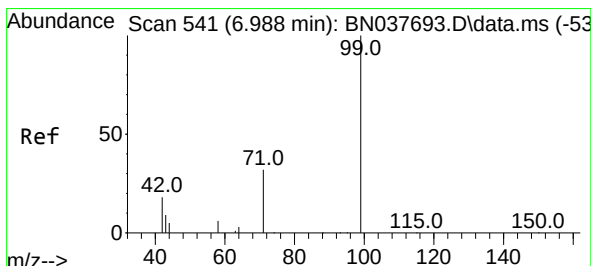
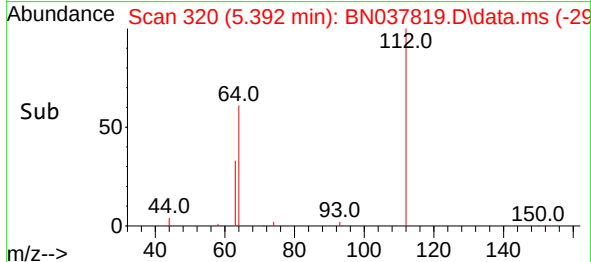
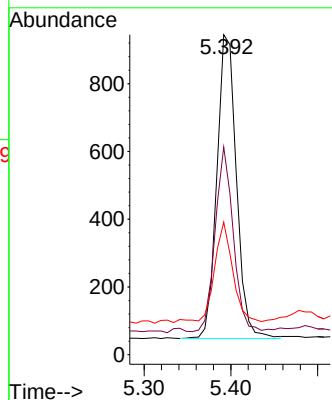
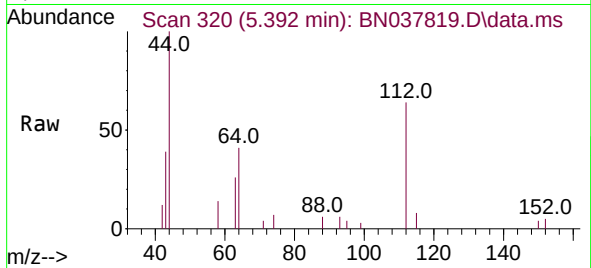




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

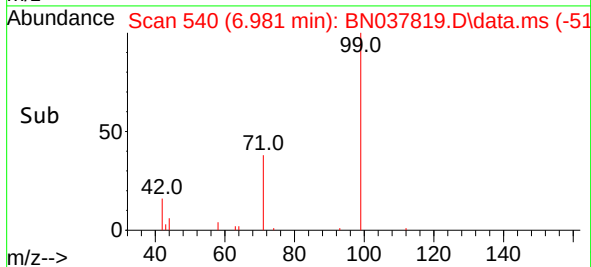
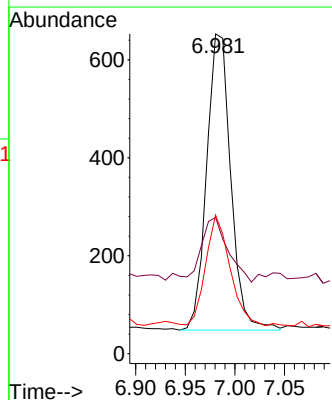
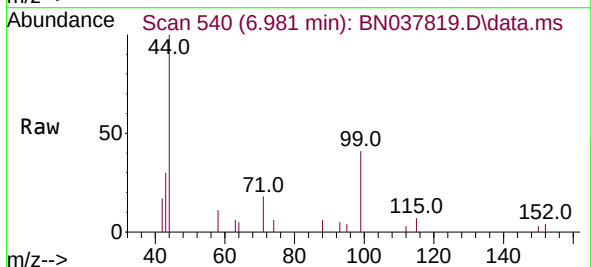
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250912

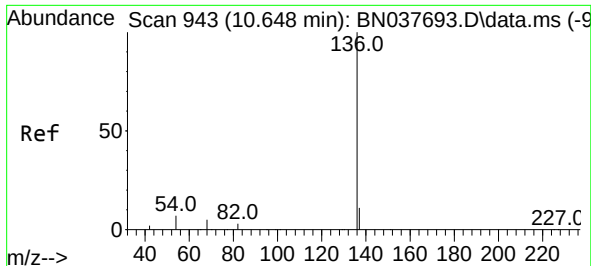
Tgt Ion:112 Resp: 1407
Ion Ratio Lower Upper
112 100
64 56.4 44.9 67.3
63 31.4 24.7 37.1



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Tgt Ion: 99 Resp: 1025
Ion Ratio Lower Upper
99 100
42 25.1 16.6 24.8#
71 37.9 26.7 40.1

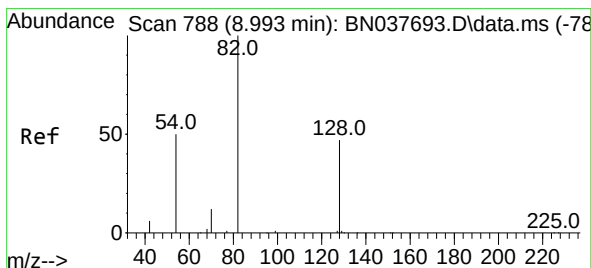
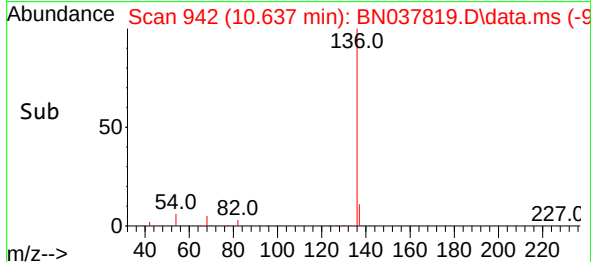
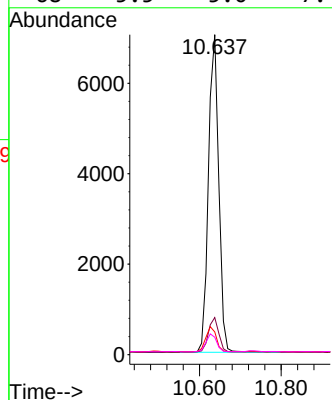
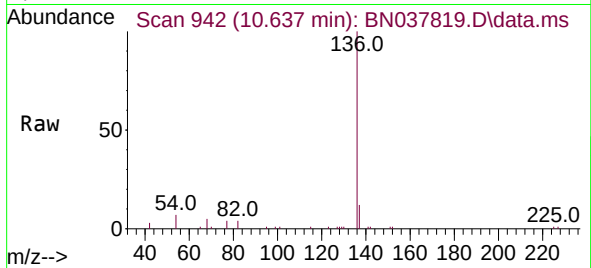




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

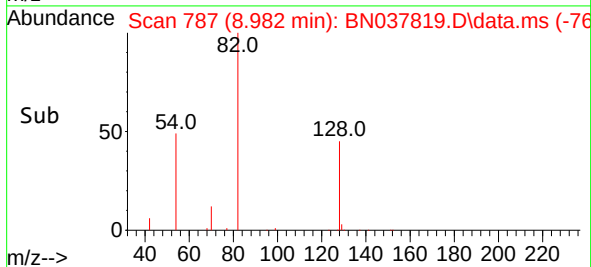
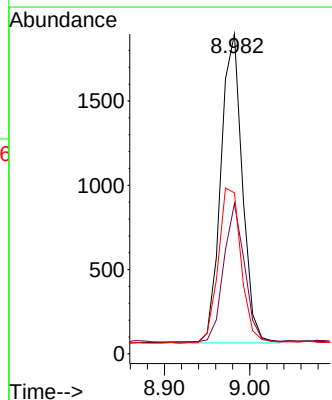
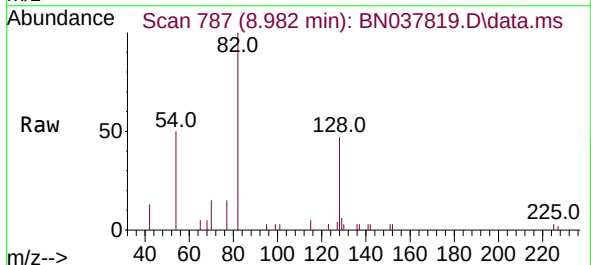
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250912

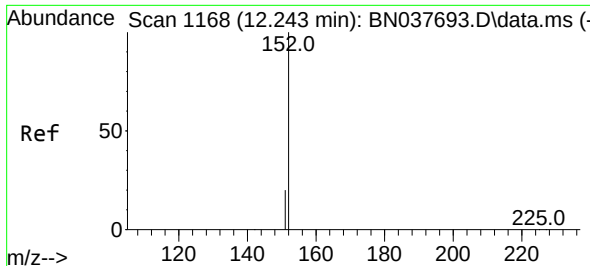
Tgt Ion:136	Resp:	12247
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	7.1	6.3 9.5
68	5.5	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Tgt Ion: 82	Resp:	3219
Ion Ratio	Lower	Upper
82	100	
128	47.0	38.3 57.5
54	50.3	41.4 62.2

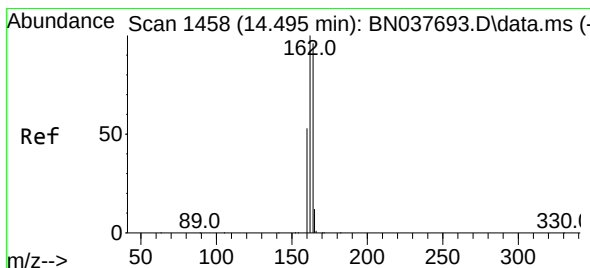
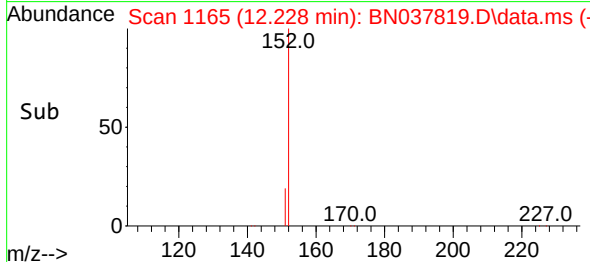
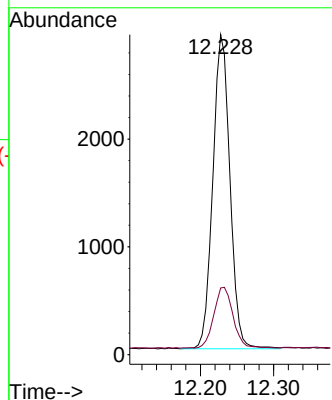
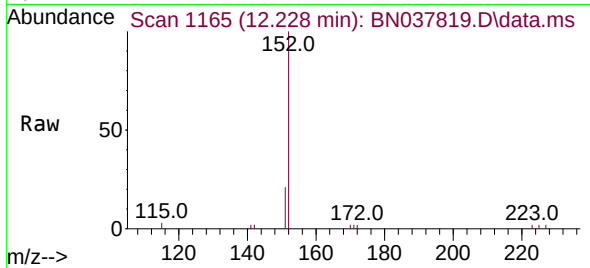




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

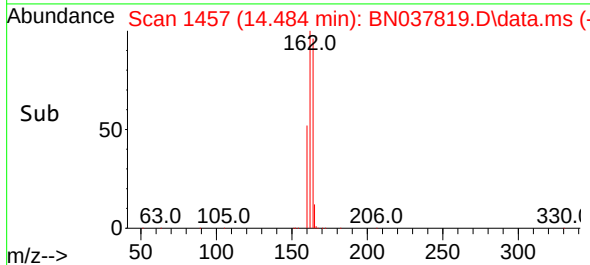
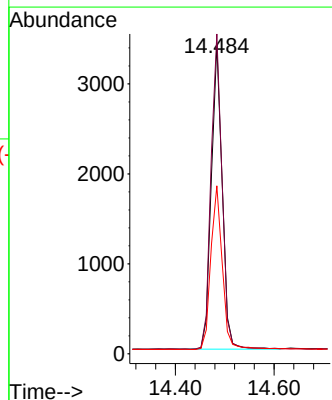
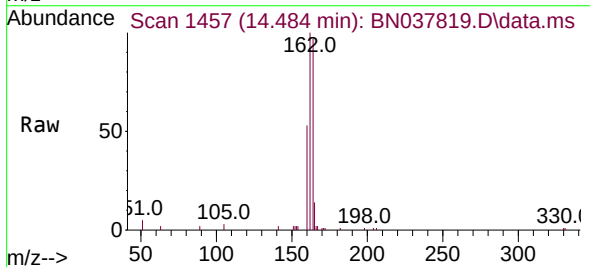
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250912

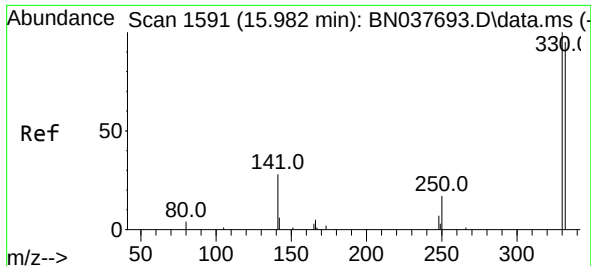
Tgt Ion:152 Resp: 4735
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

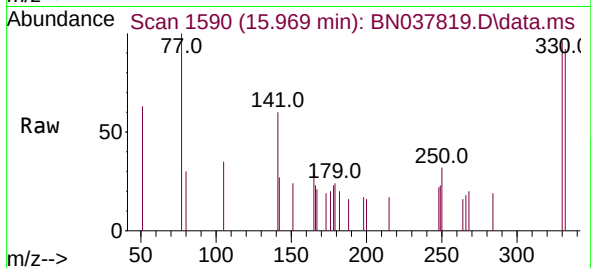
Tgt Ion:164 Resp: 5203
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 54.3 44.3 66.5



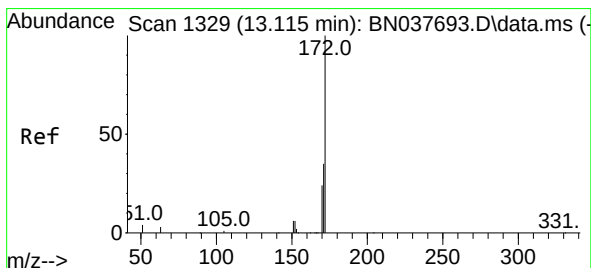
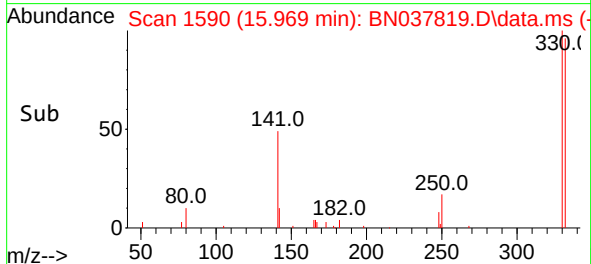
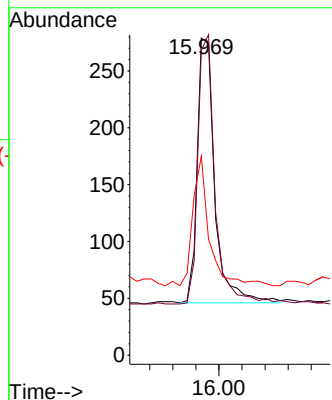


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Instrument :
BNA_N
ClientSampleId :
RE120D2-20250912

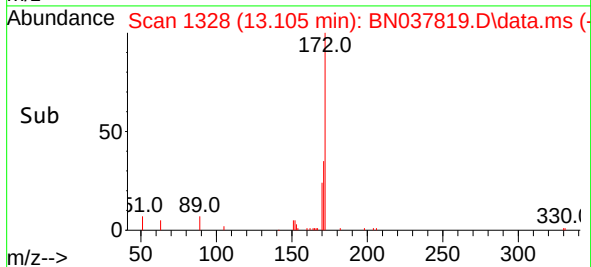
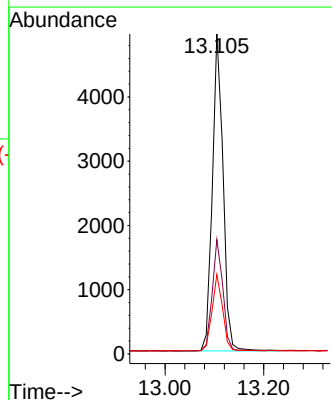
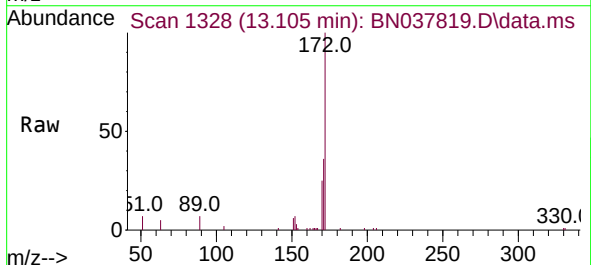


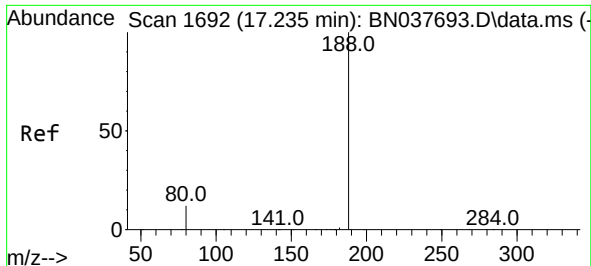
Tgt Ion: 330 Resp: 492
Ion Ratio Lower Upper
330 100
332 99.6 75.3 112.9
141 47.2 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Tgt Ion: 172 Resp: 7423
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.8 19.8 29.8

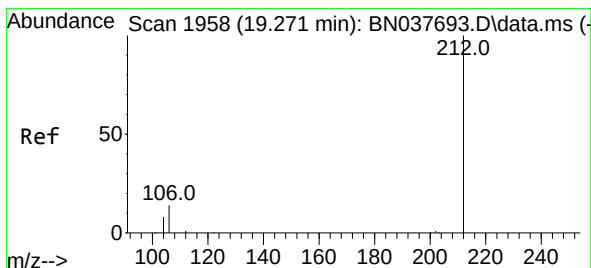
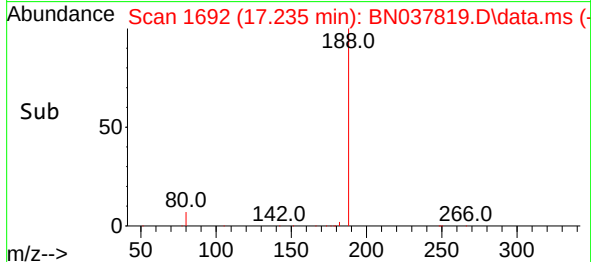
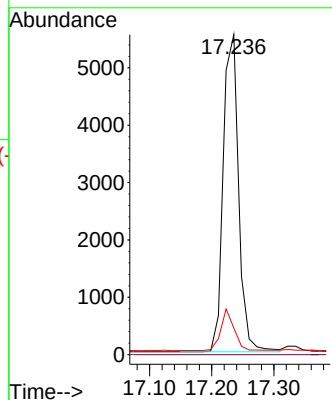
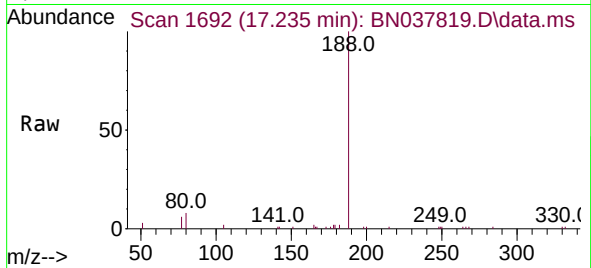




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

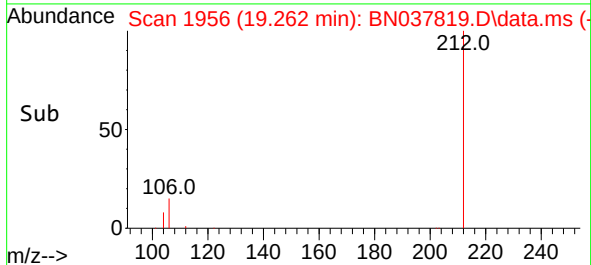
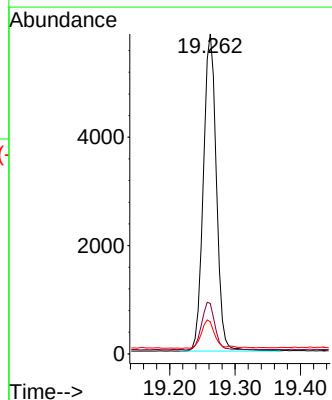
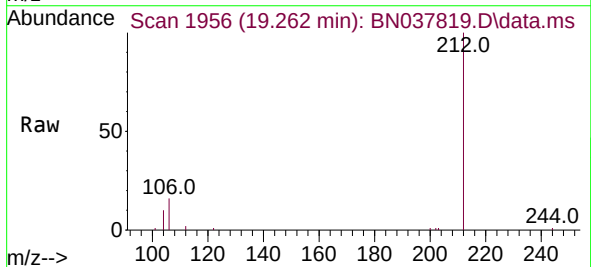
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250912

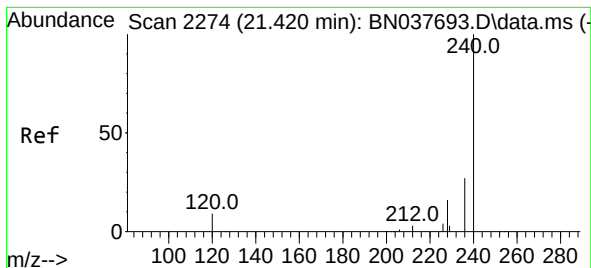
Tgt Ion:188 Resp: 9585
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Tgt Ion:212 Resp: 8095
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.8 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: BN037819.D

Acq: 19 Sep 2025 17:58

Instrument :

BNA_N

ClientSampleId :

RE120D2-20250912

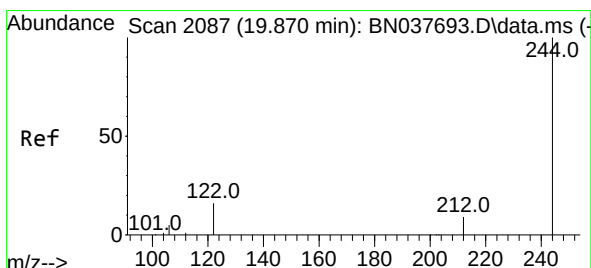
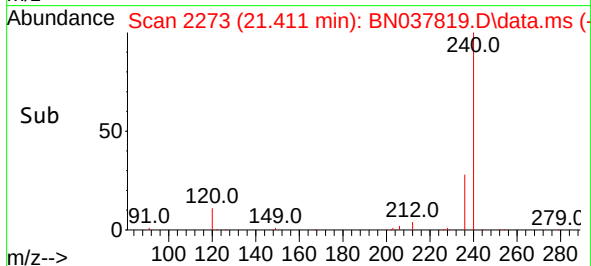
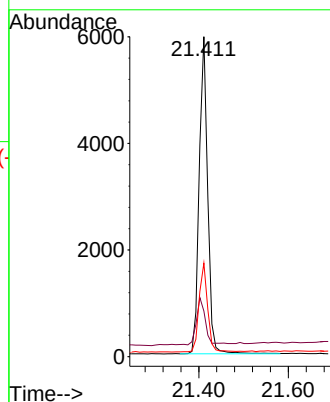
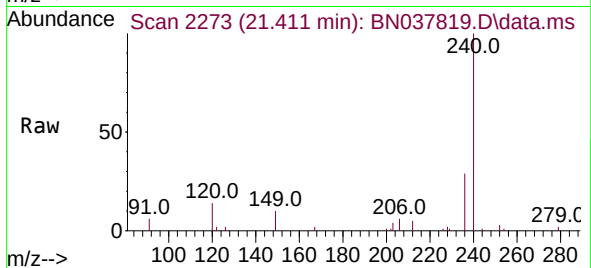
Tgt Ion:240 Resp: 7866

Ion Ratio Lower Upper

240 100

120 14.2 9.2 13.8#

236 29.2 22.6 33.8



#31

Terphenyl-d14

Concen: 0.388 ng

RT: 19.857 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037819.D

Acq: 19 Sep 2025 17:58

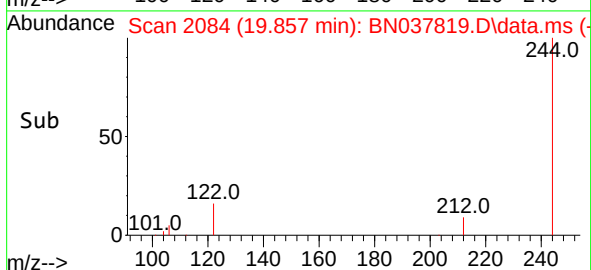
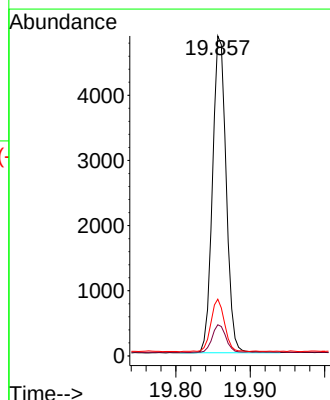
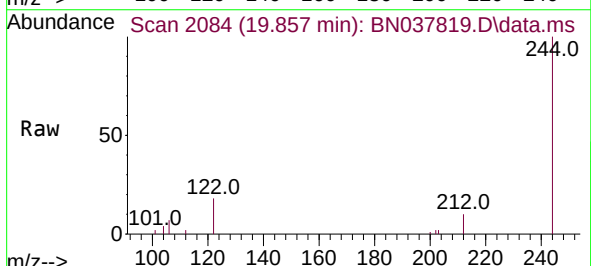
Tgt Ion:244 Resp: 6189

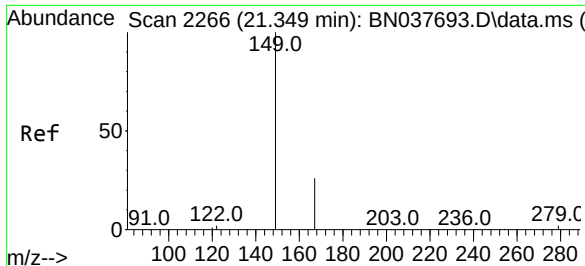
Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

122 17.7 13.2 19.8

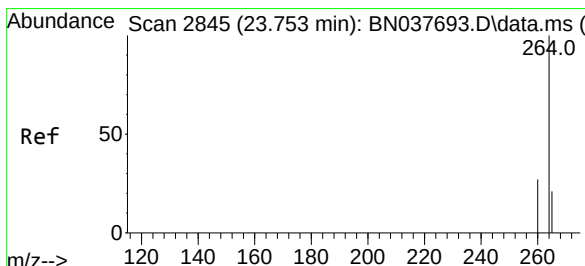
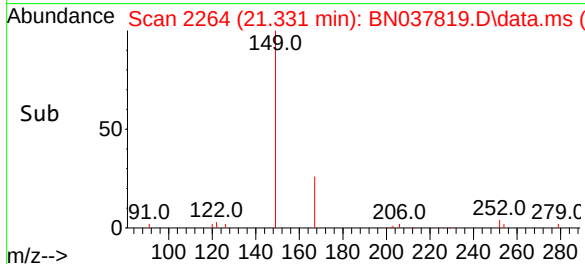
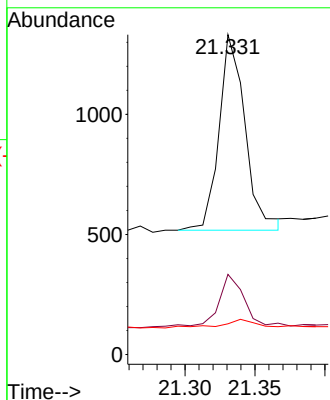
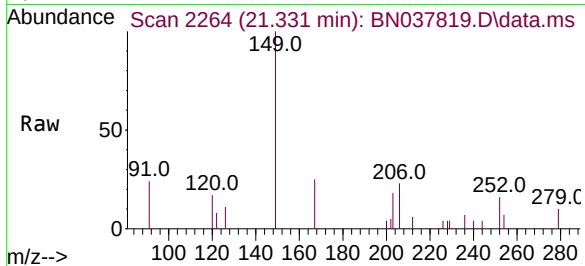




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Instrument :
BNA_N
ClientSampleId :
RE120D2-20250912

Tgt Ion:149 Resp: 1054
Ion Ratio Lower Upper
149 100
167 25.3 20.8 31.2
279 5.8 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: BN037819.D
Acq: 19 Sep 2025 17:58

Tgt Ion:264 Resp: 7673
Ion Ratio Lower Upper
264 100
260 26.9 21.8 32.8
265 88.1 39.4 59.2#

