

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037822.D
 Acq On : 19 Sep 2025 19:47
 Operator : RC/JU
 Sample : Q3097-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:55:49 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)

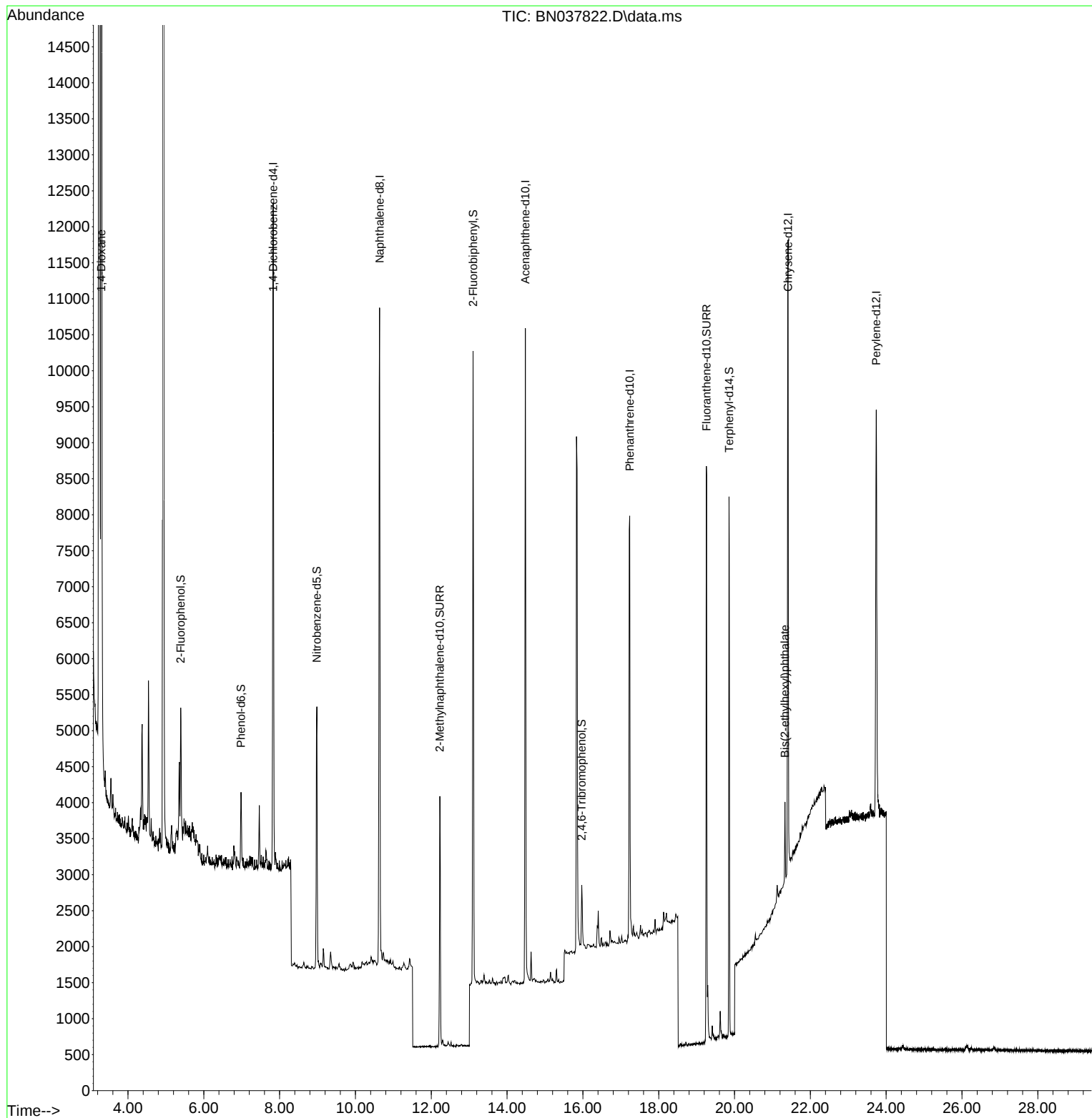
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4342	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12538	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	4964	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	9435	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	8486	0.400	ng	0.00
35) Perylene-d12	23.739	264	8219	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1445	0.145	ng	0.00
5) Phenol-d6	6.981	99	972	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	2947	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4608	0.277	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	585	0.452	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7279	0.351	ng	-0.01
27) Fluoranthene-d10	19.262	212	8902	0.376	ng	0.00
31) Terphenyl-d14	19.857	244	6782	0.394	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	30135	6.663	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	945	0.108	ng	# 99

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

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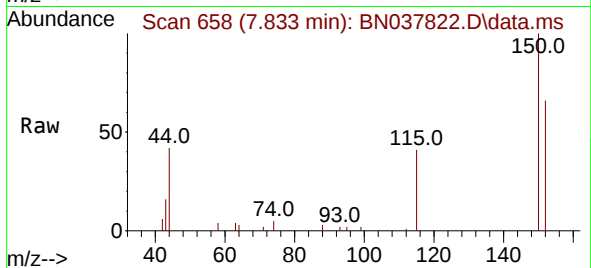
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



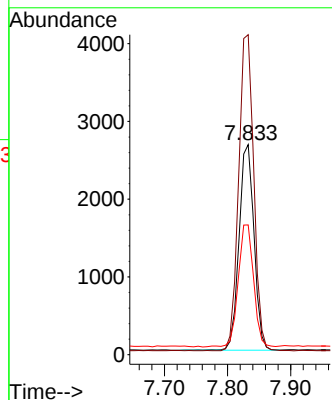
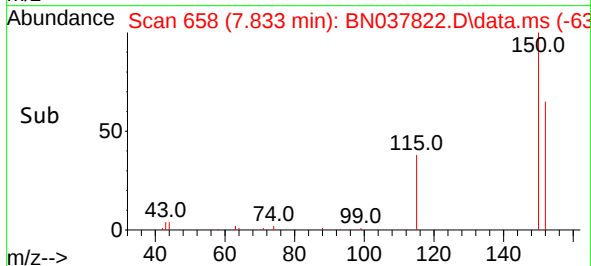


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037822.D
 Acq: 19 Sep 2025 19:47

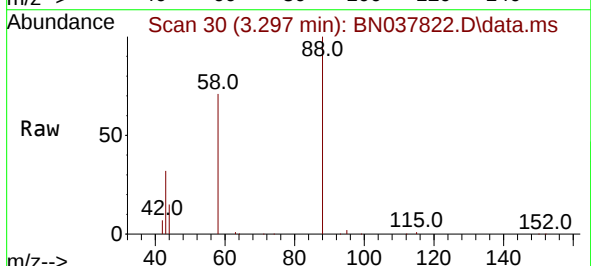
Instrument :
 BNA_N
 ClientSampleId :



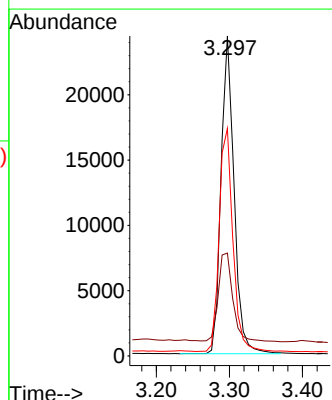
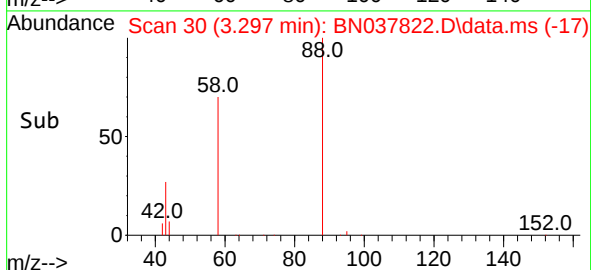
Tgt Ion:152 Resp: 4342
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.5 186.7
 115 61.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 6.663 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037822.D
 Acq: 19 Sep 2025 19:47



Tgt Ion: 88 Resp: 30135
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.8 40.2
 58 73.7 61.9 92.9

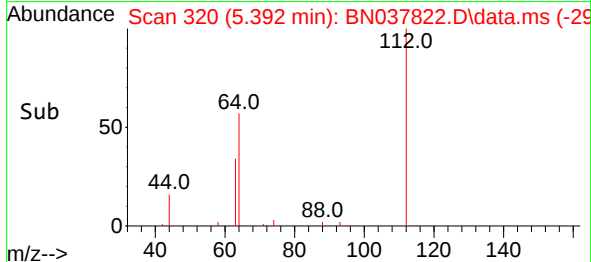
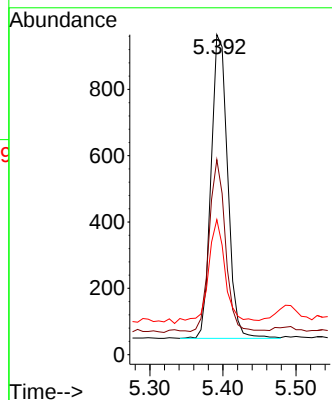
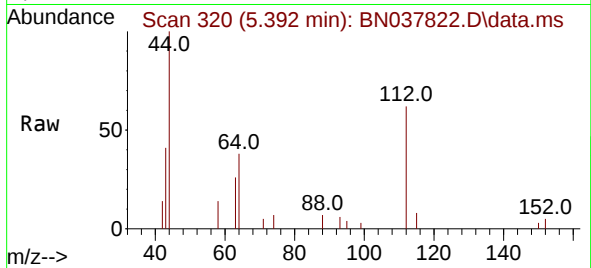




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

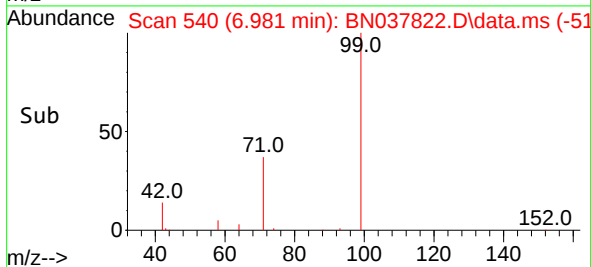
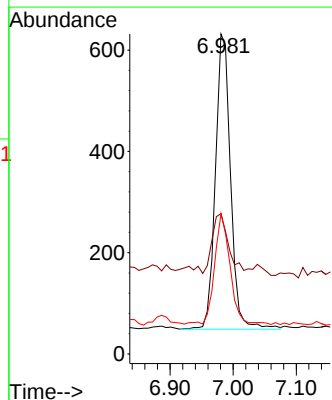
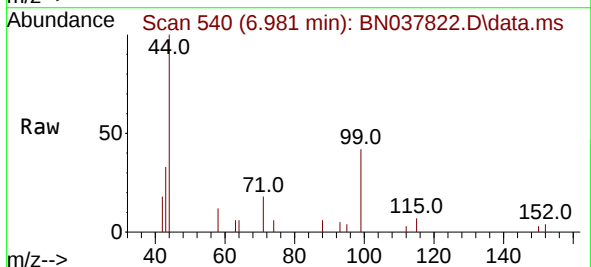
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1445
Ion Ratio Lower Upper
112 100
64 55.1 44.9 67.3
63 35.7 24.7 37.1



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

Tgt Ion: 99 Resp: 972
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 39.0 26.7 40.1

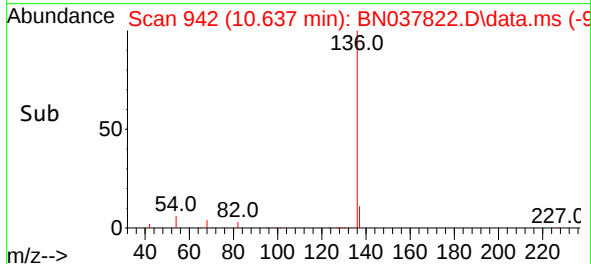
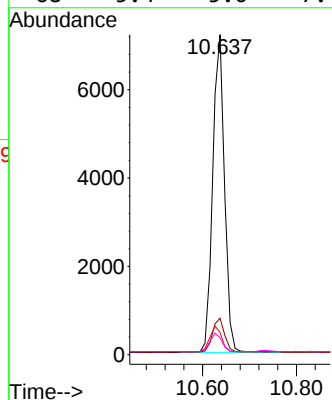
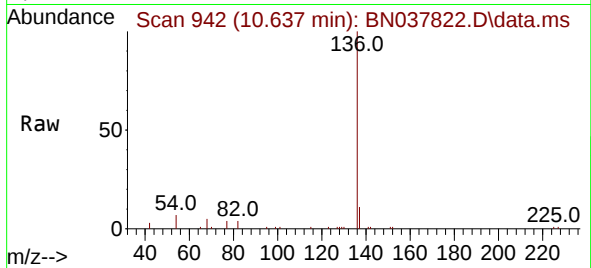




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

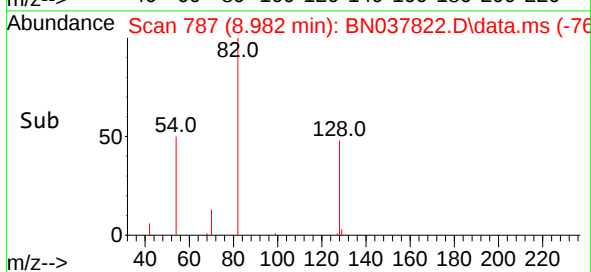
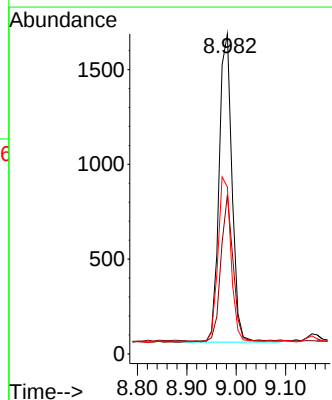
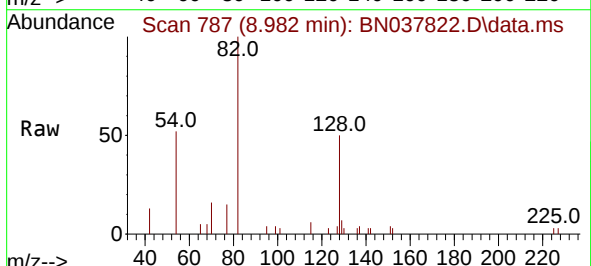
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	12538
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	6.9	6.3	9.5
68	5.4	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

Tgt Ion:	82	Resp:	2947
Ion Ratio	Lower	Upper	
82	100		
128	49.8	38.3	57.5
54	52.1	41.4	62.2

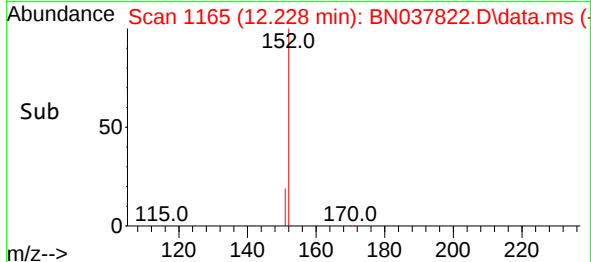
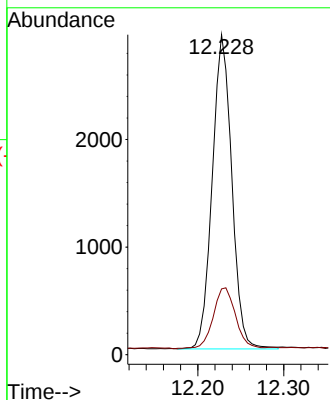
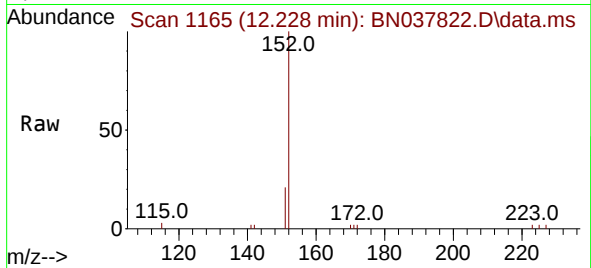




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

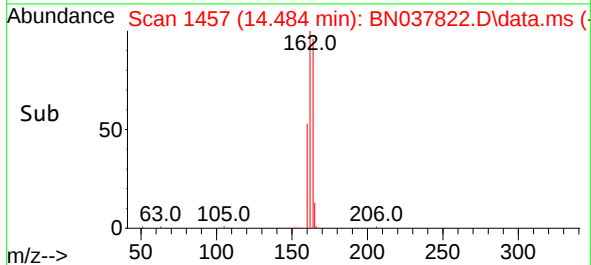
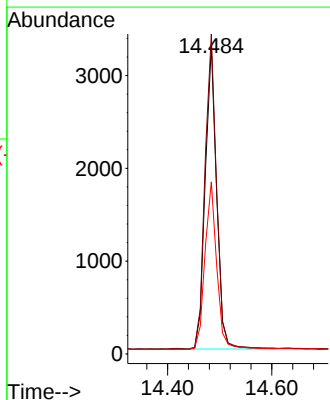
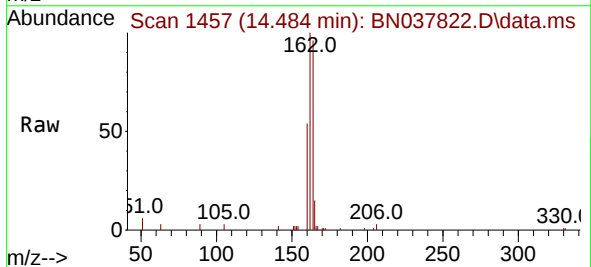
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4608
Ion Ratio Lower Upper
152 100
151 22.3 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: BN037822.D
Acq: 19 Sep 2025 19:47

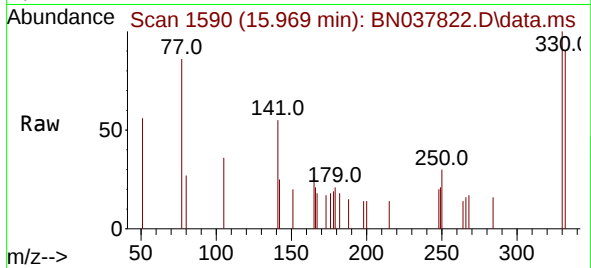
Tgt Ion:164 Resp: 4964
Ion Ratio Lower Upper
164 100
162 103.7 83.1 124.7
160 55.8 44.3 66.5



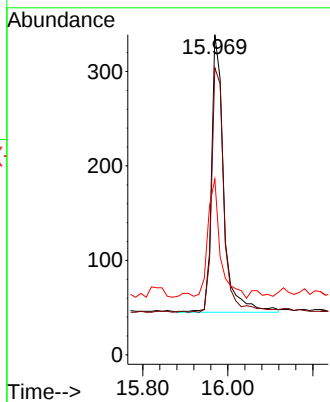
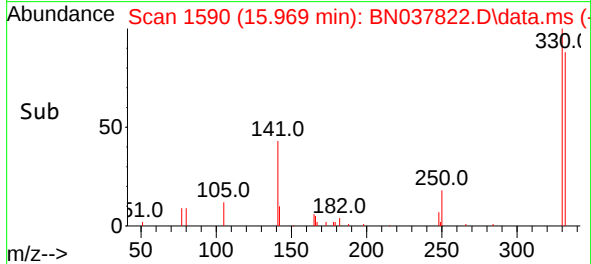


#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

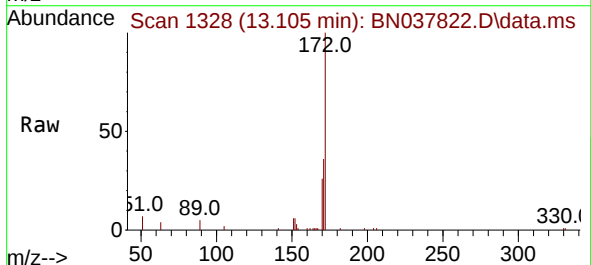
Instrument :
BNA_N
ClientSampleId :



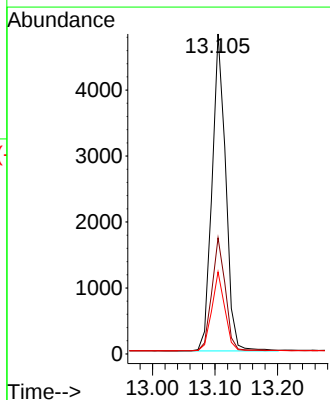
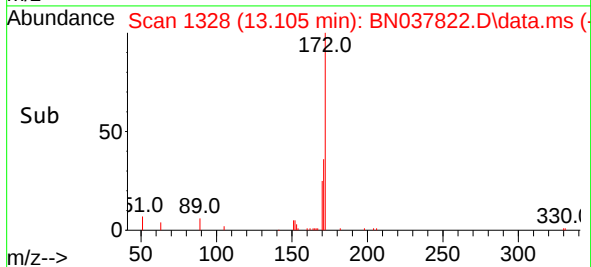
Tgt Ion: 330 Resp: 585
Ion Ratio Lower Upper
330 100
332 89.2 75.3 112.9
141 43.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47



Tgt Ion: 172 Resp: 7279
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.6 19.8 29.8

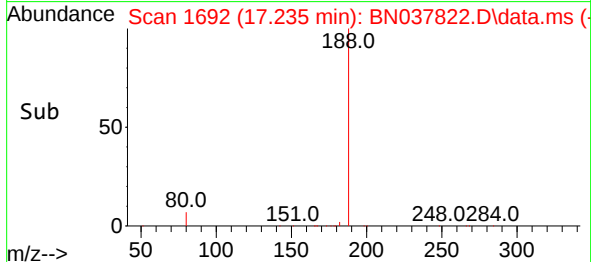
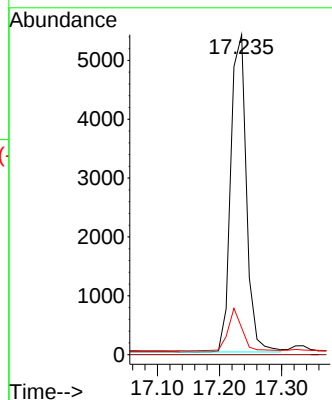
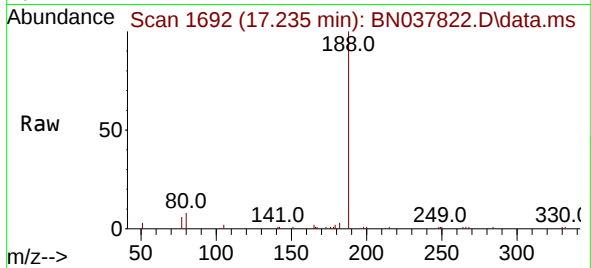




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

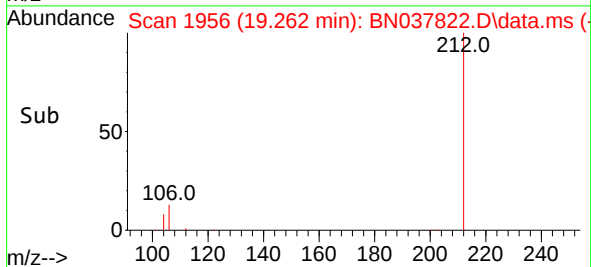
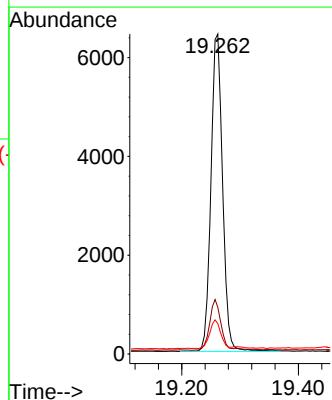
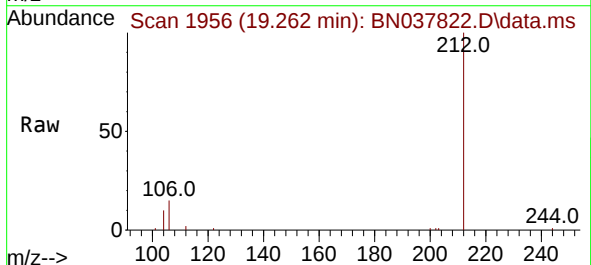
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BNA_N
ClientSampleId :

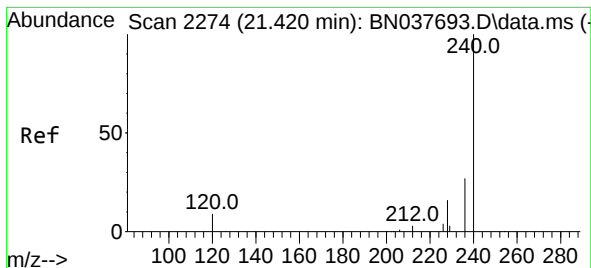
Tgt Ion:188 Resp: 9435
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

Tgt Ion:212 Resp: 8902
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 8.6 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: BN037822.D

Acq: 19 Sep 2025 19:47

Instrument :

BNA_N

ClientSampleId :

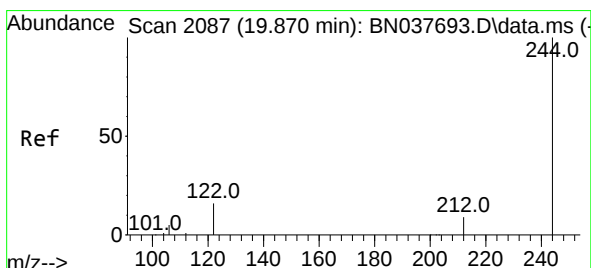
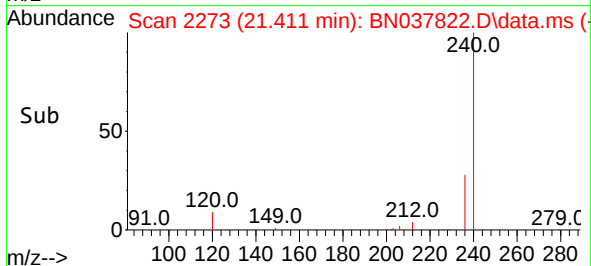
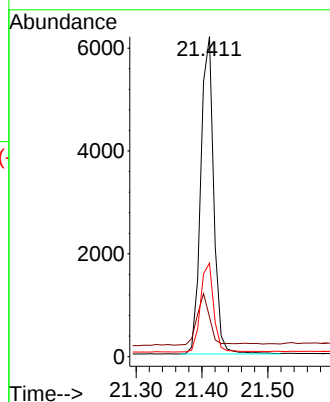
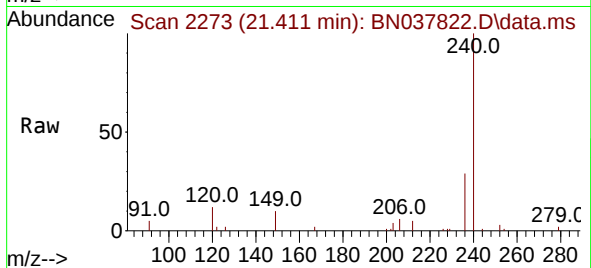
Tgt Ion:240 Resp: 8486

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 29.2 22.6 33.8



#31

Terphenyl-d14

Concen: 0.394 ng

RT: 19.857 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037822.D

Acq: 19 Sep 2025 19:47

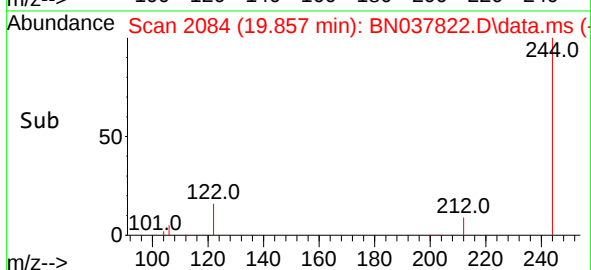
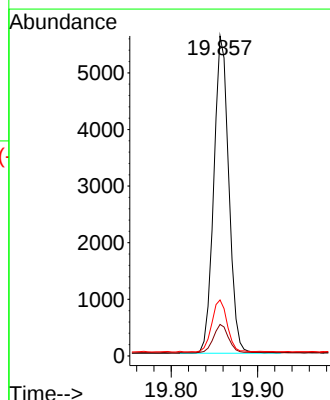
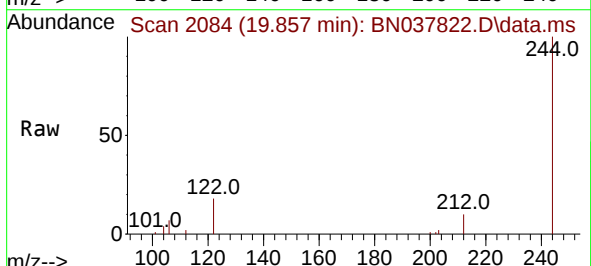
Tgt Ion:244 Resp: 6782

Ion Ratio Lower Upper

244 100

212 9.8 7.5 11.3

122 17.5 13.2 19.8

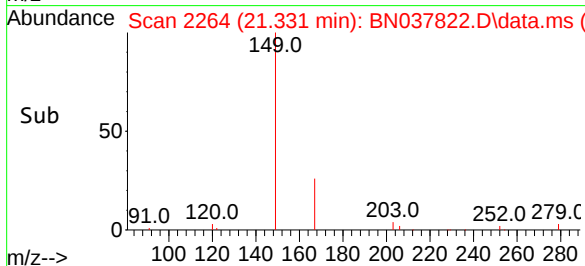
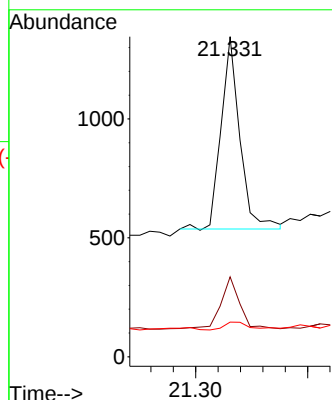
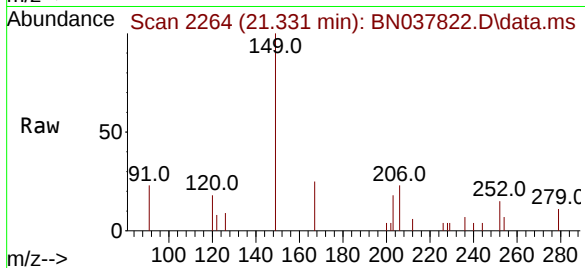




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.331 min Scan# 2133
Delta R.T. -0.018 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 945
Ion Ratio Lower Upper
149 100
167 26.2 20.8 31.2
279 5.1 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.739 min Scan# 2840
Delta R.T. -0.015 min
Lab File: BN037822.D
Acq: 19 Sep 2025 19:47

Tgt Ion:264 Resp: 8219
Ion Ratio Lower Upper
264 100
260 27.5 21.8 32.8
265 83.9 39.4 59.2#

