

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037783.D
 Acq On : 18 Sep 2025 18:49
 Operator : RC/JU
 Sample : Q3095-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 19:16:33 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)

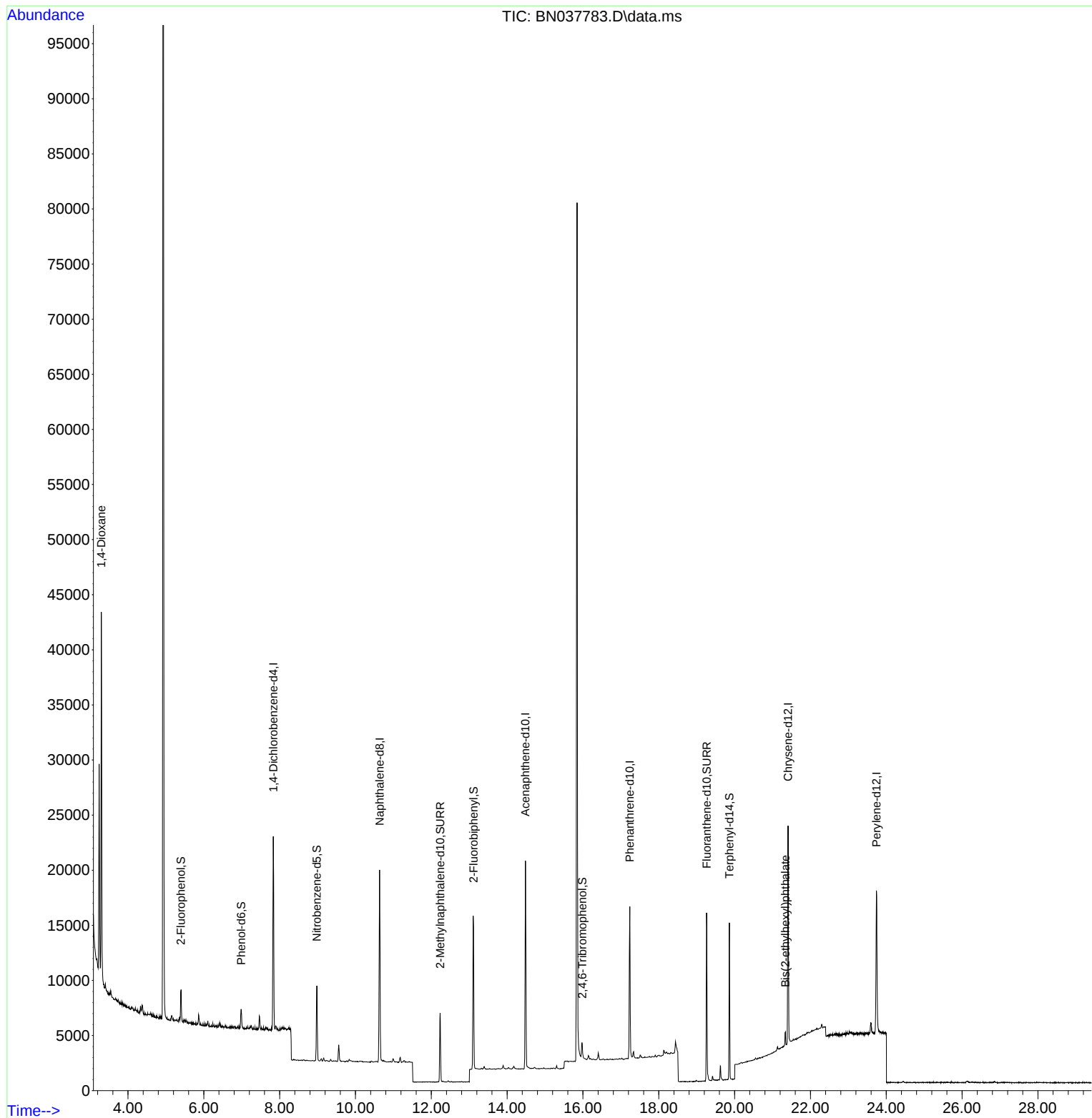
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	8225	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	22467	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10495	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	19347	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	17267	0.400	ng	0.00
35) Perylene-d12	23.744	264	17743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2296	0.122	ng	0.00
5) Phenol-d6	6.988	99	1662	0.068	ng	0.00
8) Nitrobenzene-d5	8.982	82	5178	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8408	0.282	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	1005	0.367	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12964	0.295	ng	0.00
27) Fluoranthene-d10	19.262	212	16784	0.346	ng	0.00
31) Terphenyl-d14	19.861	244	12609	0.360	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	19050	2.224	ng	97
34) Bis(2-ethylhexyl)phtha...	21.340	149	1361	0.076	ng	# 95

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

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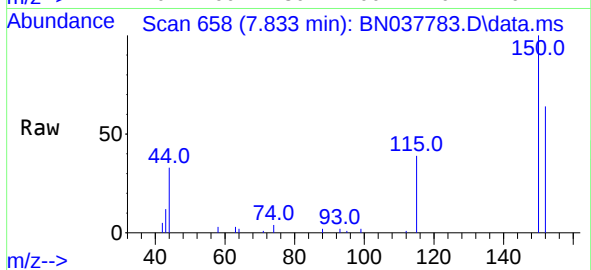
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



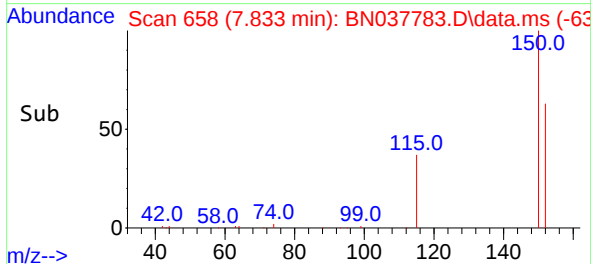
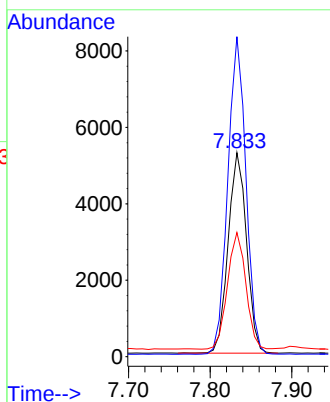


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037783.D
 Acq: 18 Sep 2025 18:49

Instrument :
 BNA_N
 ClientSampleId :

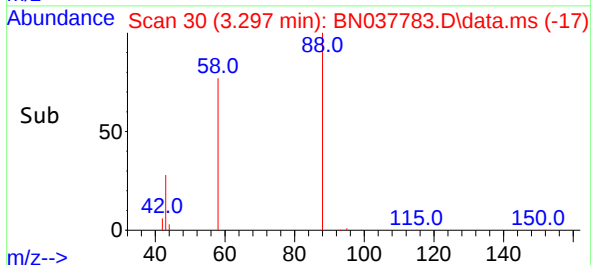
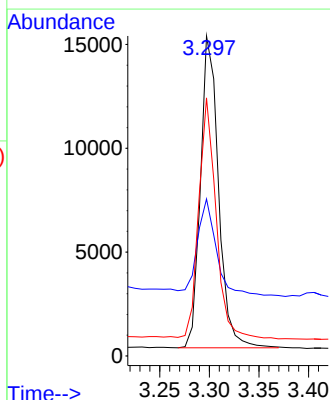
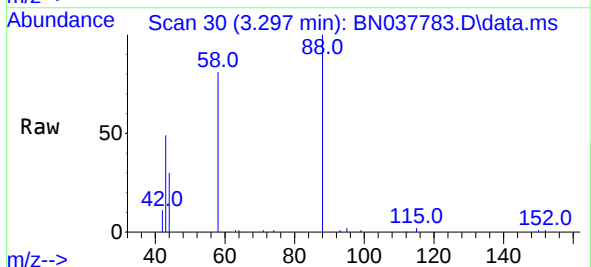


Tgt Ion:152 Resp: 8225
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 60.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.224 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037783.D
 Acq: 18 Sep 2025 18:49

Tgt Ion: 88 Resp: 19050
 Ion Ratio Lower Upper
 88 100
 43 32.2 26.8 40.2
 58 74.3 61.9 92.9

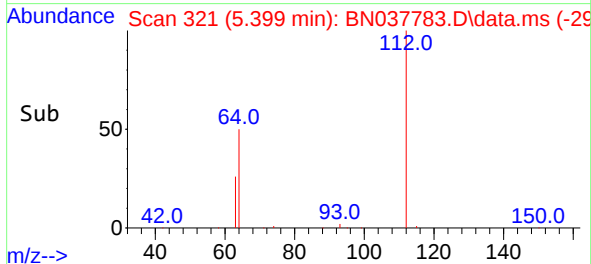
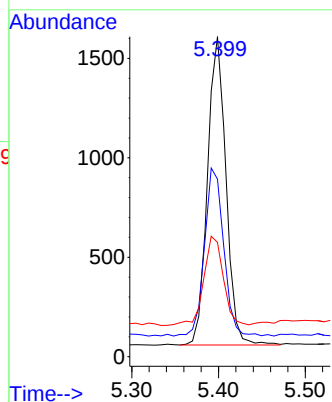
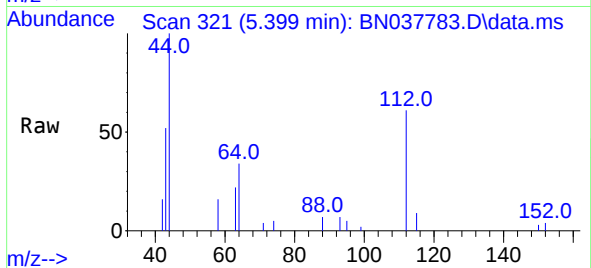




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

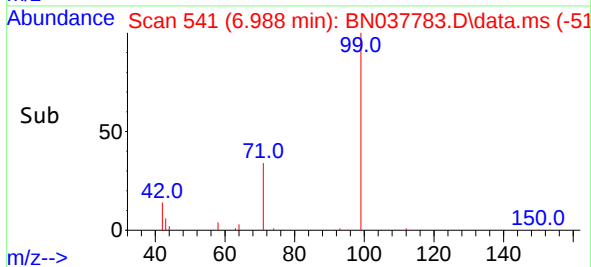
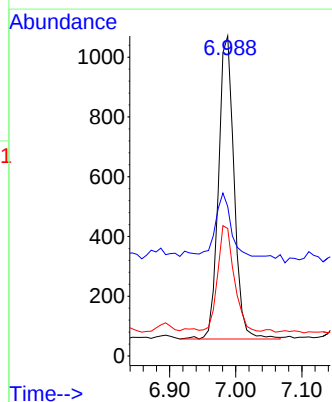
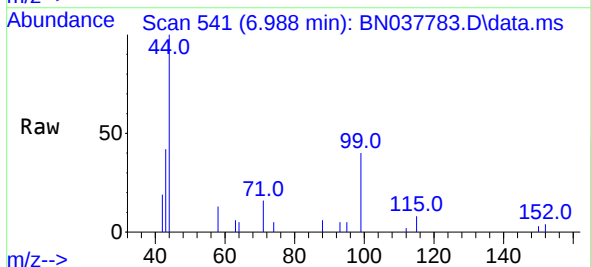
Instrument :
BNA_N
ClientSampleId :

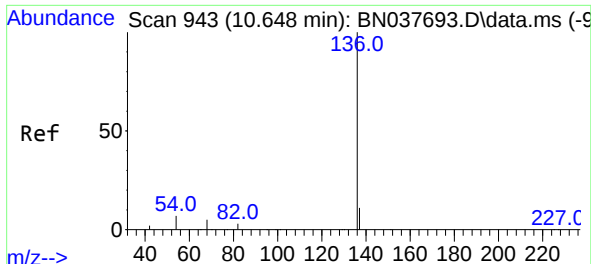
Tgt Ion:112 Resp: 2296
Ion Ratio Lower Upper
112 100
64 56.6 44.9 67.3
63 30.6 24.7 37.1



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

Tgt Ion: 99 Resp: 1662
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 38.3 26.7 40.1

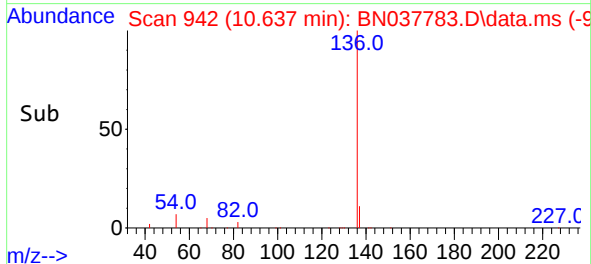
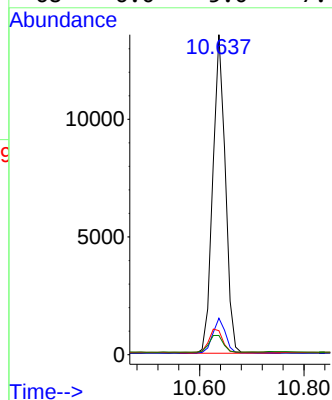
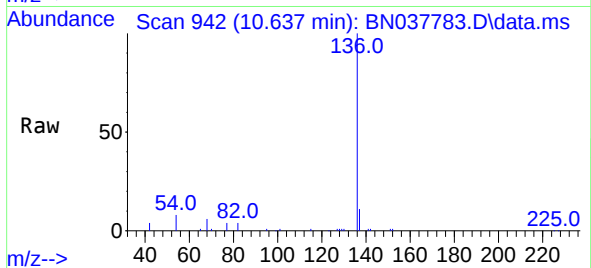




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

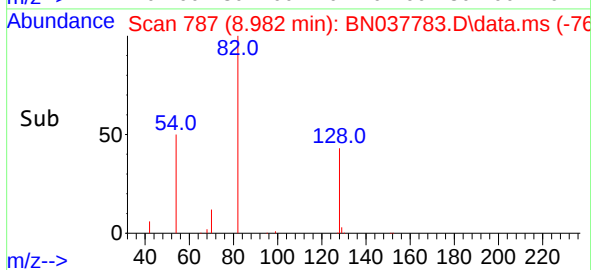
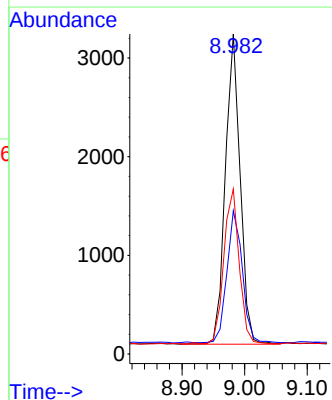
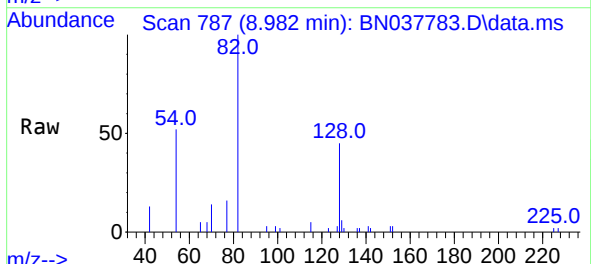
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	22467
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.5	6.3	9.5
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

Tgt Ion:	82	Resp:	5178
Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.3	57.5
54	51.5	41.4	62.2

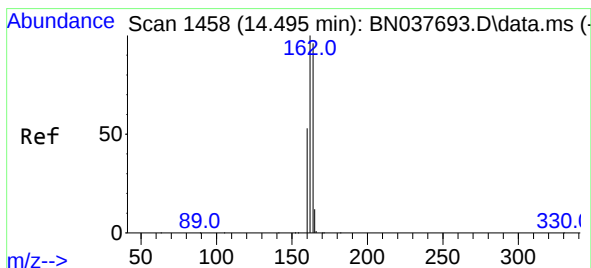
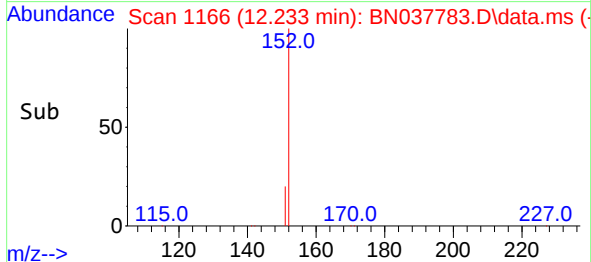
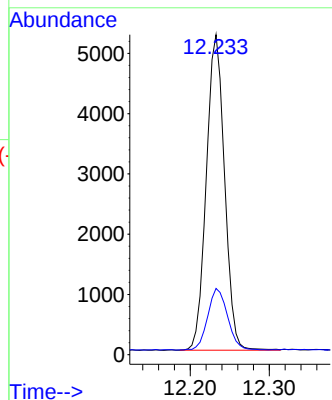
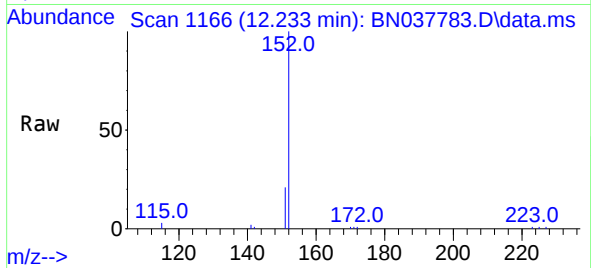




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

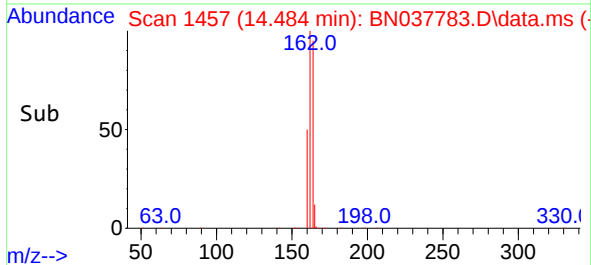
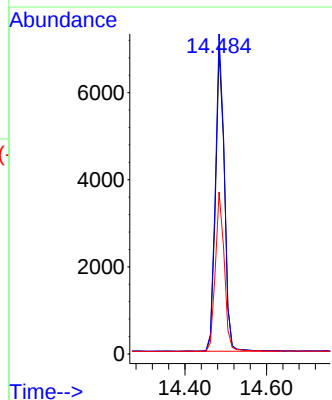
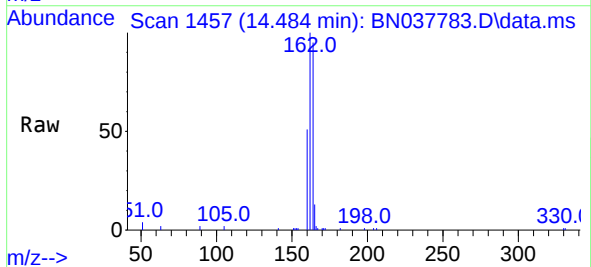
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8408
Ion Ratio Lower Upper
152 100
151 21.3 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: BN037783.D
Acq: 18 Sep 2025 18:49

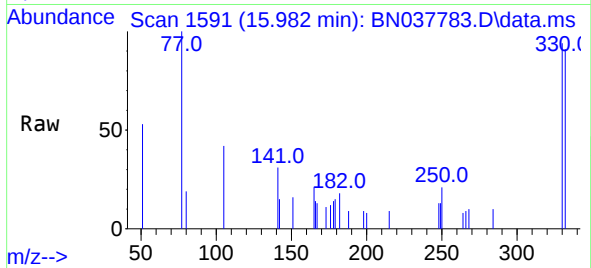
Tgt Ion:164 Resp: 10495
Ion Ratio Lower Upper
164 100
162 105.2 83.1 124.7
160 53.3 44.3 66.5



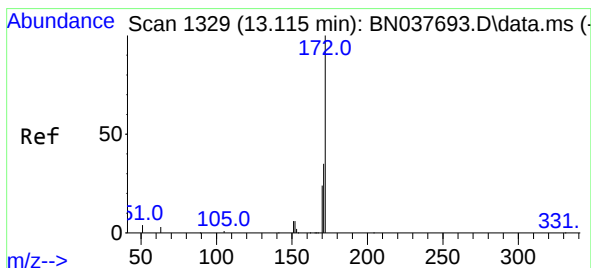
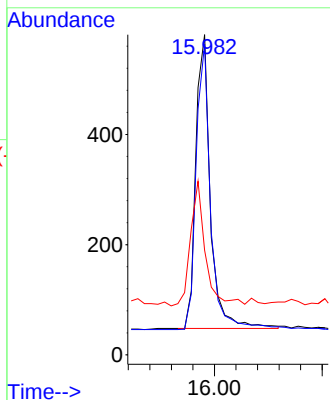
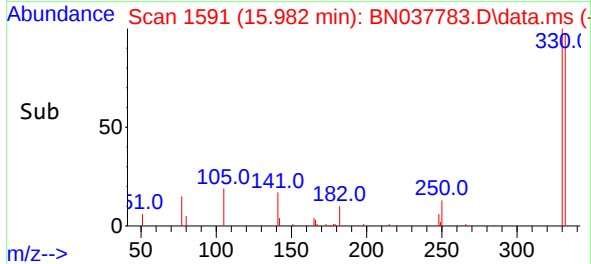


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

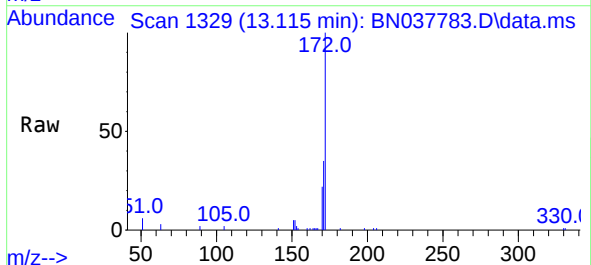
Instrument :
BNA_N
ClientSampleId :



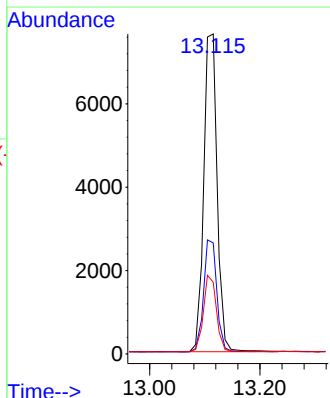
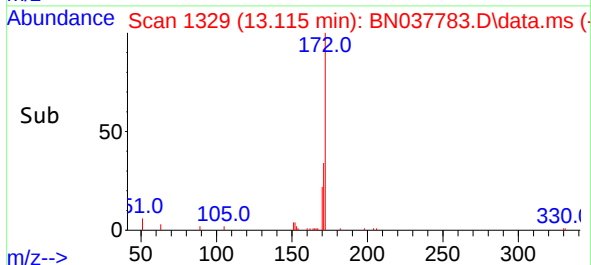
Tgt Ion:330 Resp: 1005
Ion Ratio Lower Upper
330 100
332 96.8 75.3 112.9
141 43.0 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49



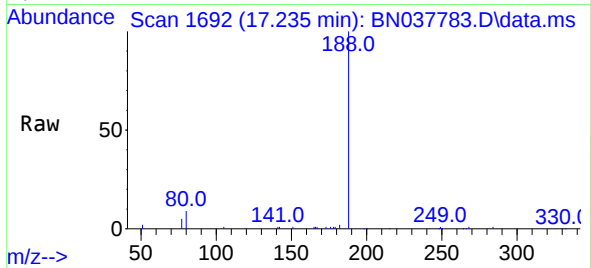
Tgt Ion:172 Resp: 12964
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.4 19.8 29.8



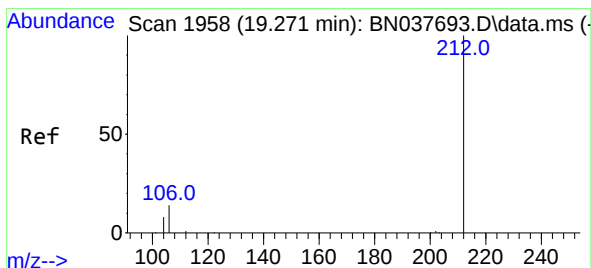
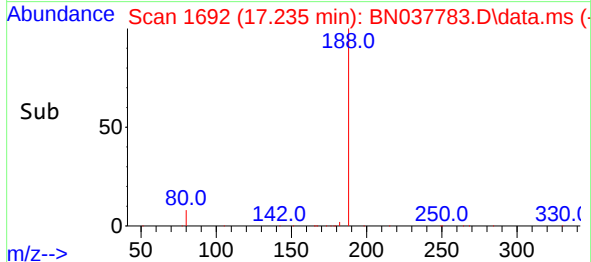
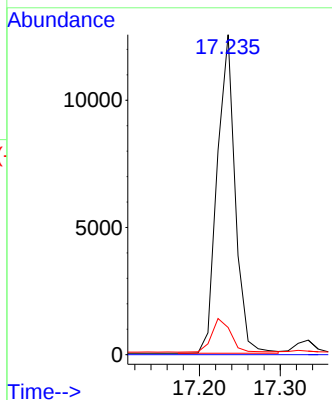


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

Instrument :
BNA_N
ClientSampleId :

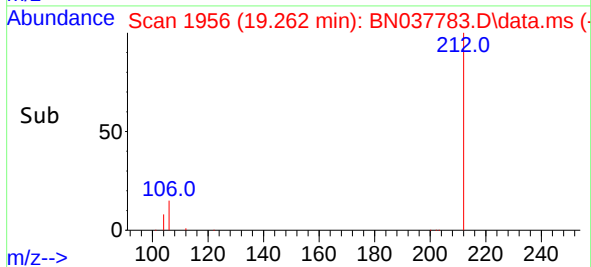
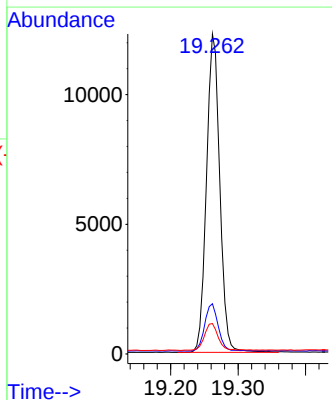
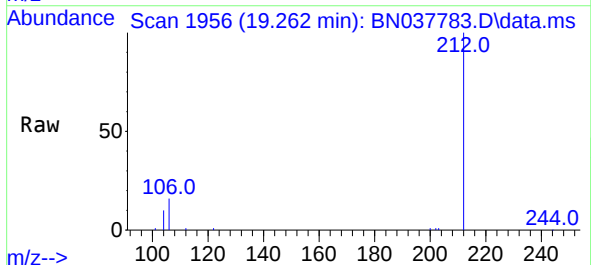


Tgt Ion:188 Resp: 19347
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

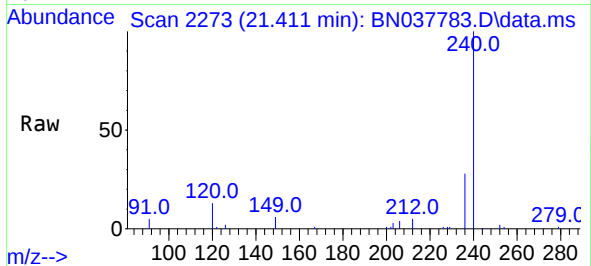
Tgt Ion:212 Resp: 16784
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.6 6.9 10.3



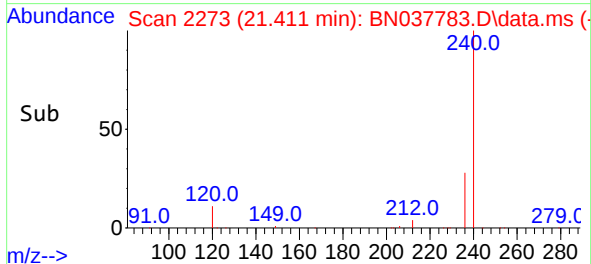
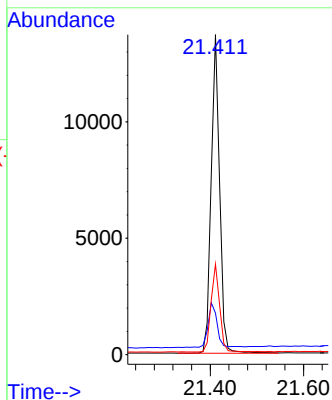


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

Instrument :
BNA_N
ClientSampleId :

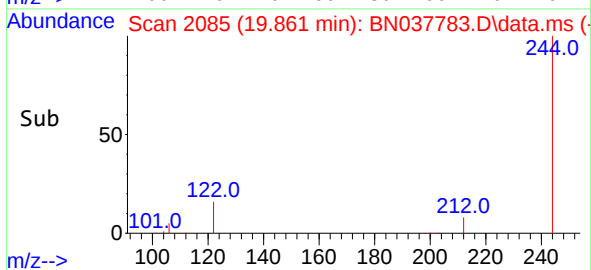
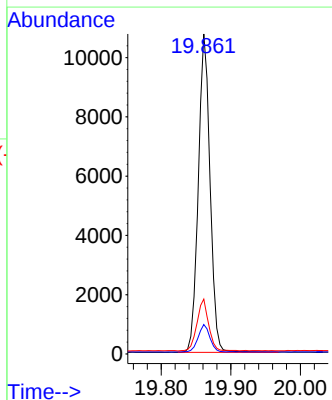
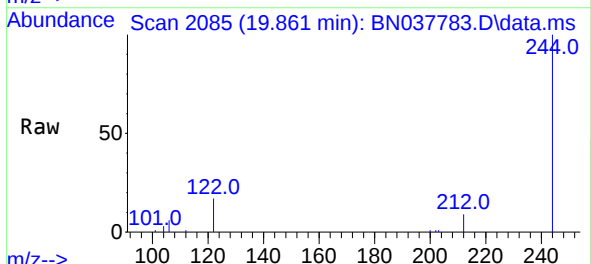


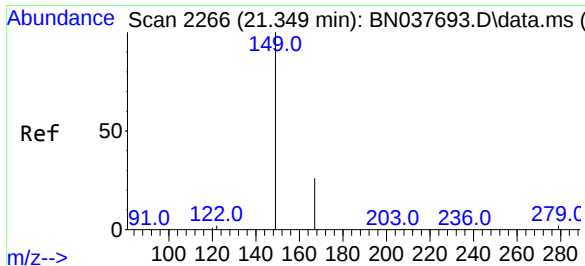
Tgt Ion:240 Resp: 17267
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 28.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

Tgt Ion:244 Resp: 12609
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 17.1 13.2 19.8

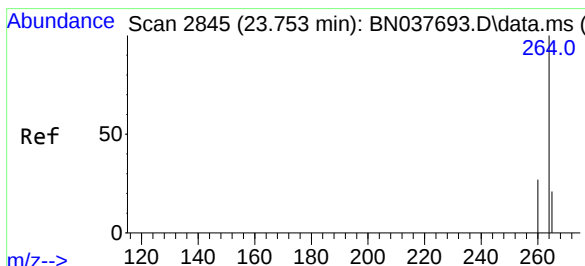
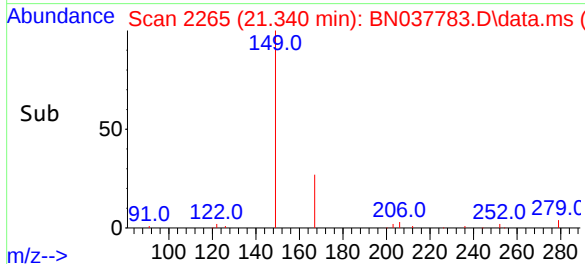
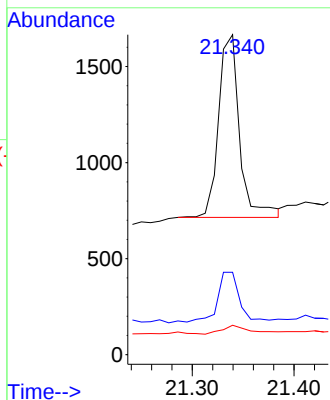
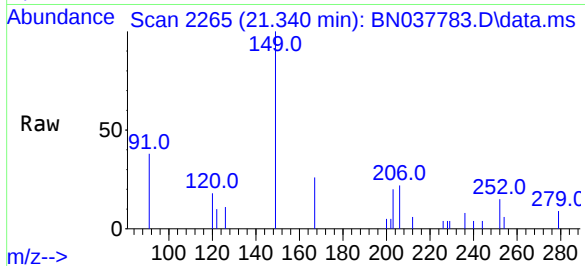




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.340 min Scan# 2136
Delta R.T. -0.009 min
Lab File: BN037783.D
Acq: 18 Sep 2025 18:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1361
Ion Ratio Lower Upper
149 100
167 28.1 20.8 31.2
279 6.6 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: BN037783.D
Acq: 18 Sep 2025 18:49

Tgt Ion:264 Resp: 17743
Ion Ratio Lower Upper
264 100
260 26.6 21.8 32.8
265 58.5 39.4 59.2

