

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037787.D
 Acq On : 18 Sep 2025 21:14
 Operator : RC/JU
 Sample : Q3095-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 04:11:30 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

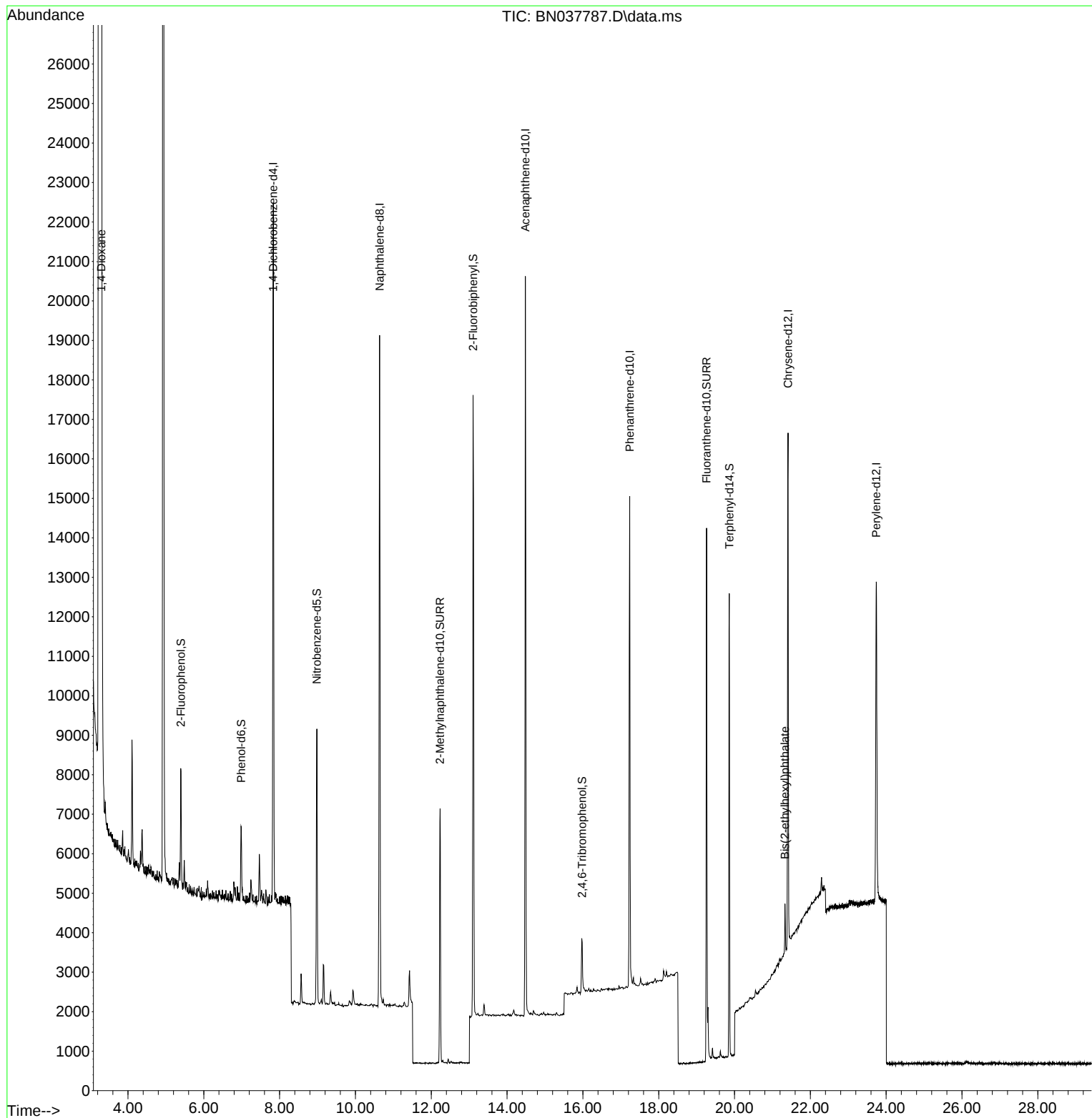
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	8067	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	22034	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10108	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	17248	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12319	0.400	ng	0.00
35) Perylene-d12	23.738	264	12006	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2470	0.133	ng	0.00
5) Phenol-d6	6.988	99	1800	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	5355	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	8807	0.302	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	970	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14047	0.332	ng	-0.01
27) Fluoranthene-d10	19.262	212	14644	0.338	ng	0.00
31) Terphenyl-d14	19.861	244	10800	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	27660	3.292	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	1286	0.101	ng	97

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

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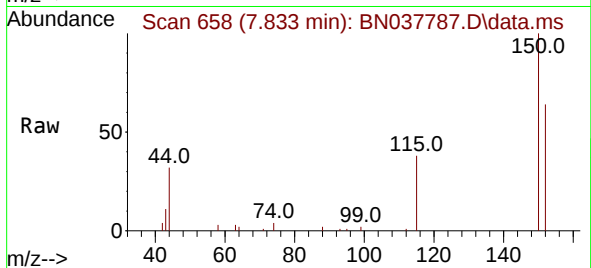
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



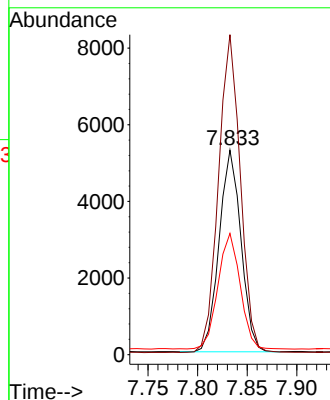
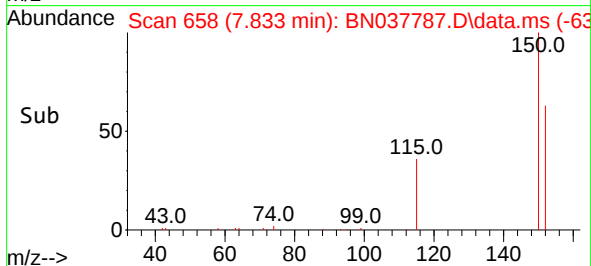


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037787.D
 Acq: 18 Sep 2025 21:14

Instrument :
 BNA_N
 ClientSampleId :

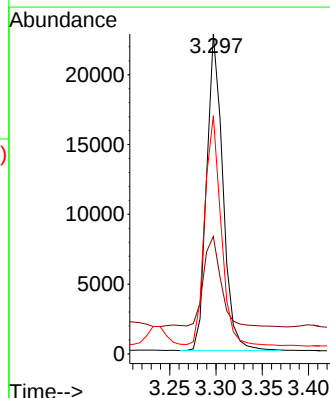
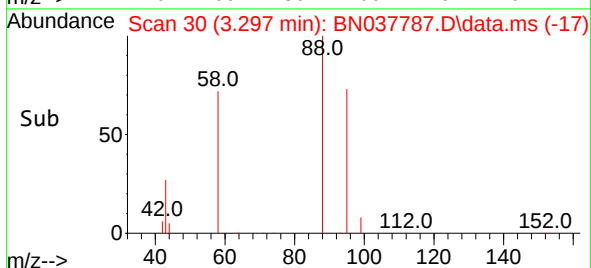
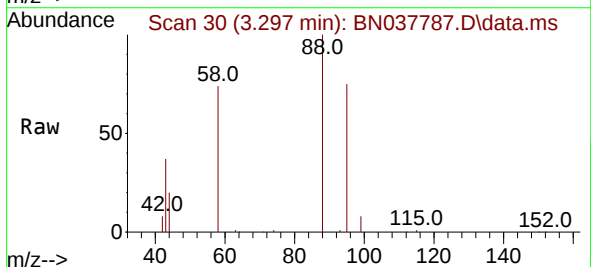


Tgt Ion:152 Resp: 8067
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.5 186.7
 115 59.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.292 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037787.D
 Acq: 18 Sep 2025 21:14

Tgt Ion: 88 Resp: 27660
 Ion Ratio Lower Upper
 88 100
 43 30.8 26.8 40.2
 58 72.9 61.9 92.9

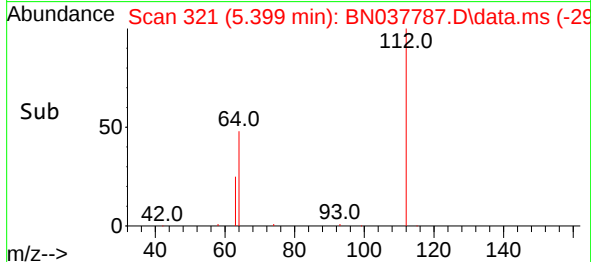
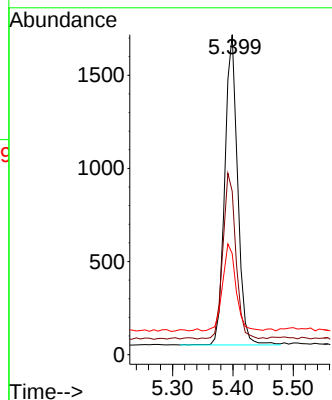
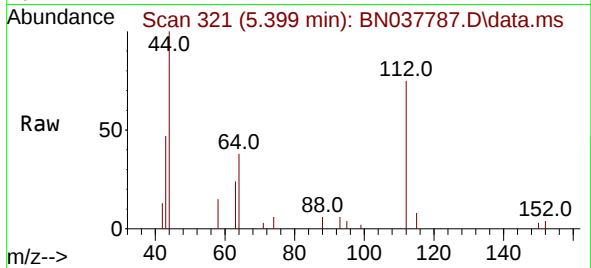




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

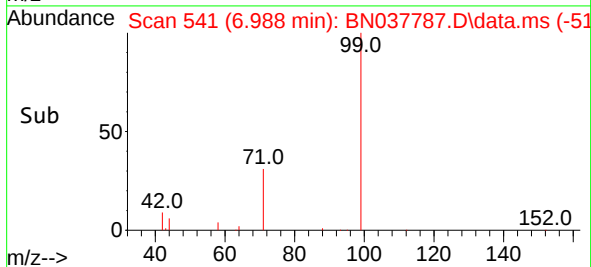
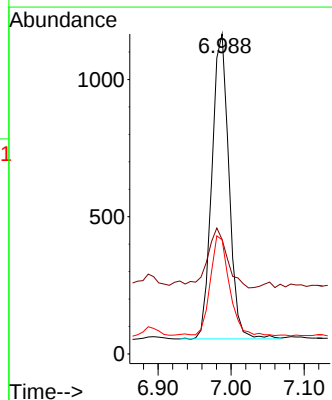
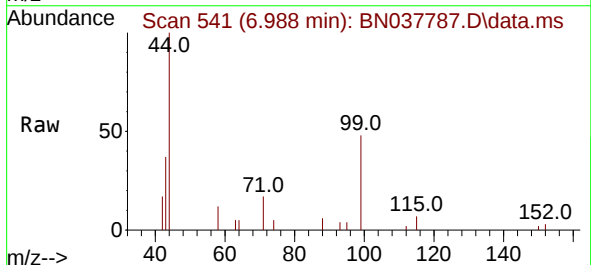
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2470
Ion Ratio Lower Upper
112 100
64 53.9 44.9 67.3
63 29.0 24.7 37.1



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

Tgt Ion: 99 Resp: 1800
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 37.0 26.7 40.1

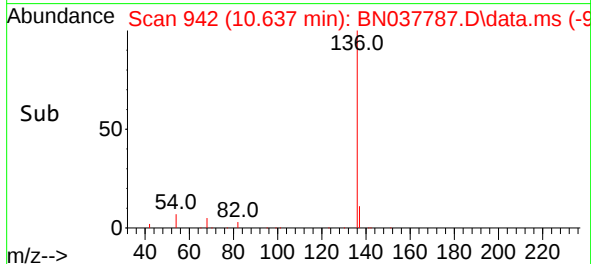
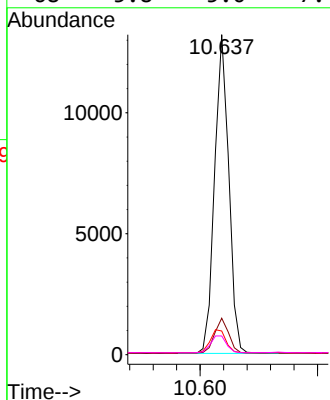
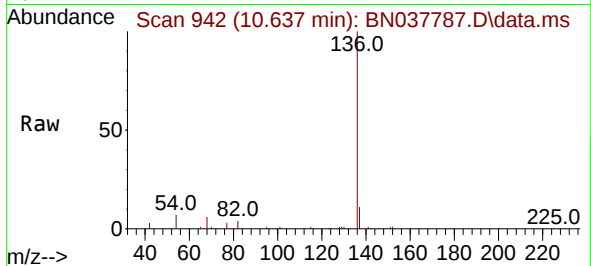




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

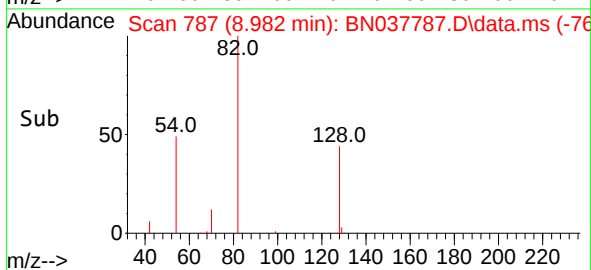
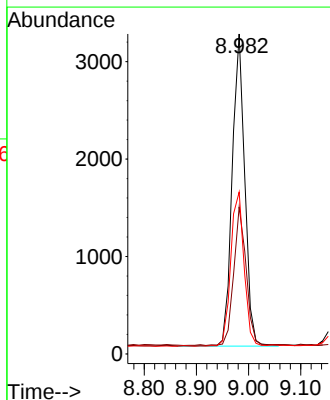
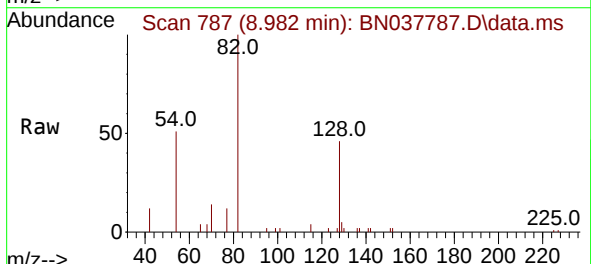
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	22034
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.4	6.3	9.5
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

Tgt Ion:	82	Resp:	5355
Ion Ratio	Lower	Upper	
82	100		
128	45.9	38.3	57.5
54	50.6	41.4	62.2

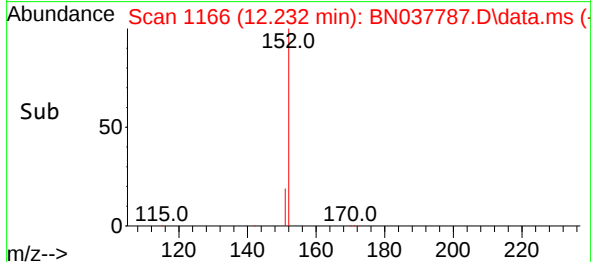
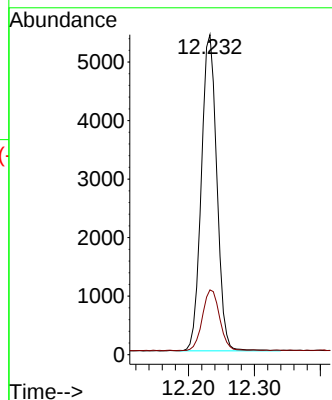
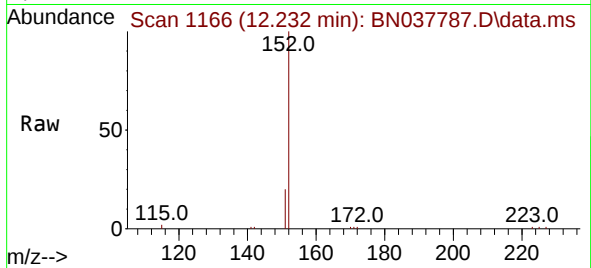




#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

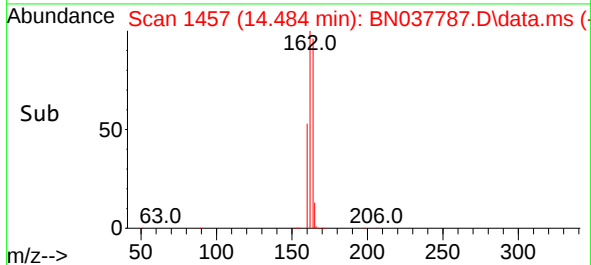
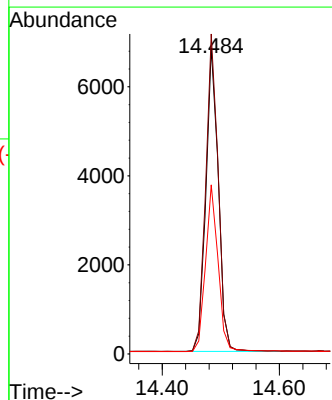
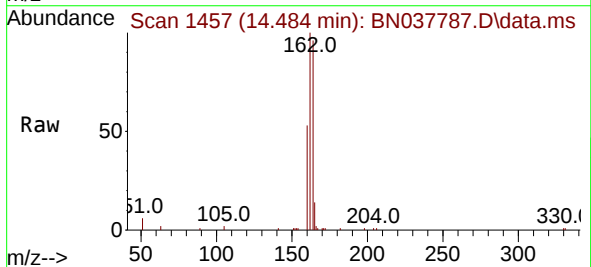
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8807
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: BN037787.D
Acq: 18 Sep 2025 21:14

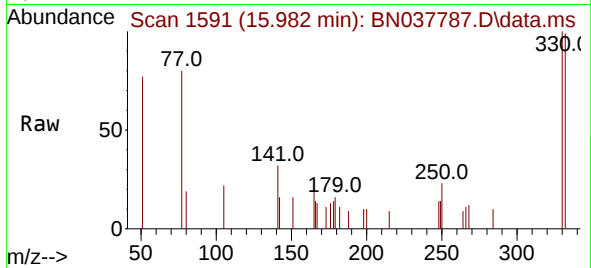
Tgt Ion:164 Resp: 10108
Ion Ratio Lower Upper
164 100
162 104.5 83.1 124.7
160 55.2 44.3 66.5



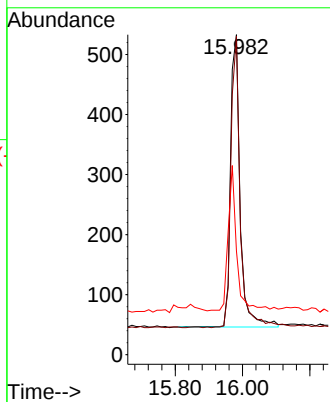
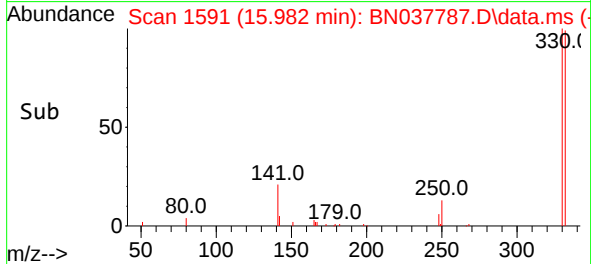


#14
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037787.D
 Acq: 18 Sep 2025 21:14

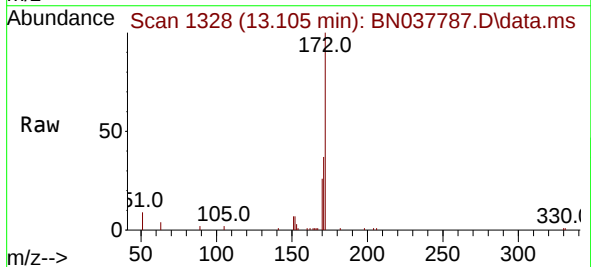
Instrument :
 BNA_N
 ClientSampleId :



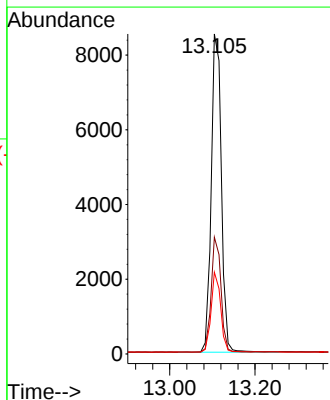
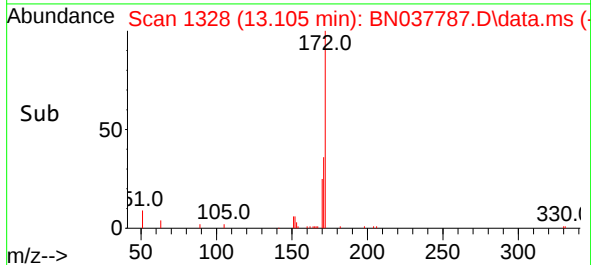
Tgt Ion:330 Resp: 970
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.3 112.9
 141 43.1 35.0 52.4



#15
 2-Fluorobiphenyl
 Concen: 0.332 ng
 RT: 13.105 min Scan# 1328
 Delta R.T. -0.011 min
 Lab File: BN037787.D
 Acq: 18 Sep 2025 21:14



Tgt Ion:172 Resp: 14047
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 25.6 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1

Delta R.T. -0.000 min

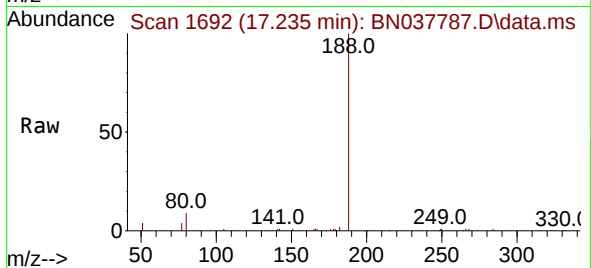
Lab File: BN037787.D

Acq: 18 Sep 2025 21:14

Instrument :

BNA_N

ClientSampleId :



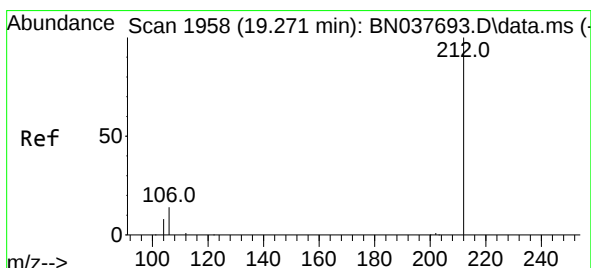
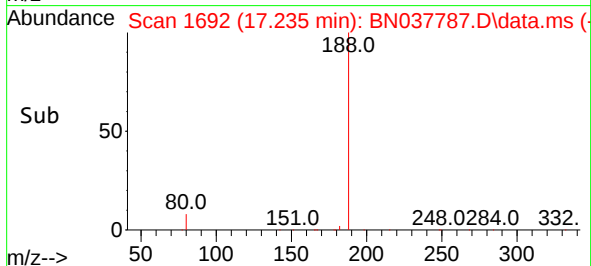
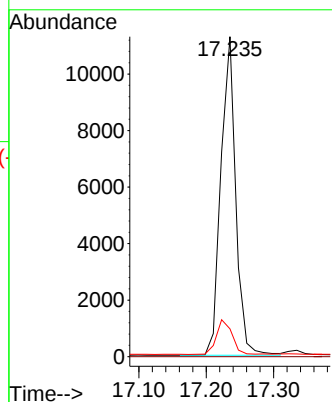
Tgt Ion:188 Resp: 17248

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 10.6 15.8#



#27

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.262 min Scan# 1956

Delta R.T. -0.009 min

Lab File: BN037787.D

Acq: 18 Sep 2025 21:14

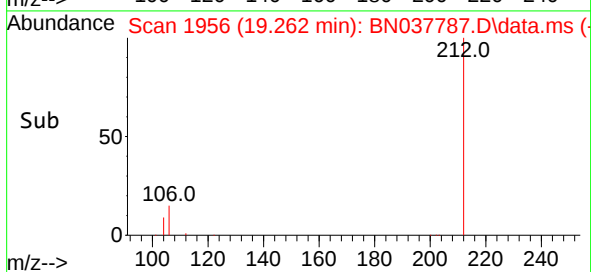
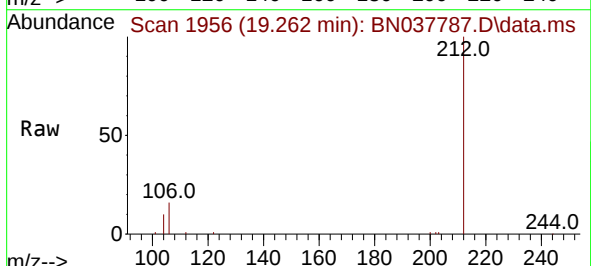
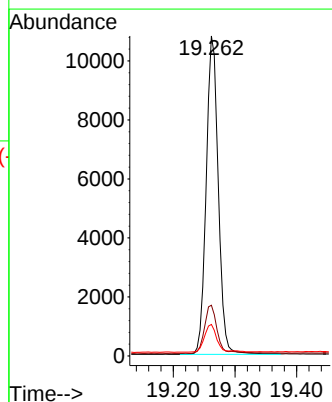
Tgt Ion:212 Resp: 14644

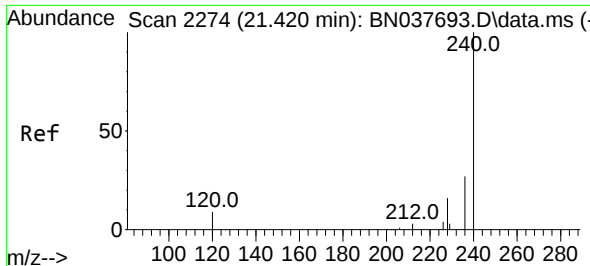
Ion Ratio Lower Upper

212 100

106 15.9 12.2 18.2

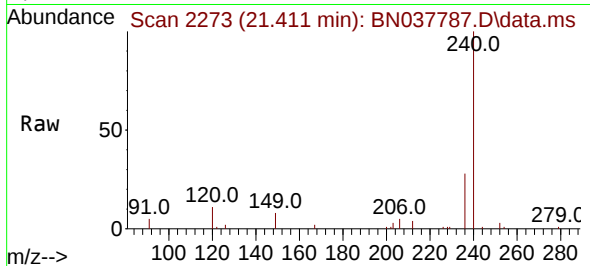
104 9.1 6.9 10.3



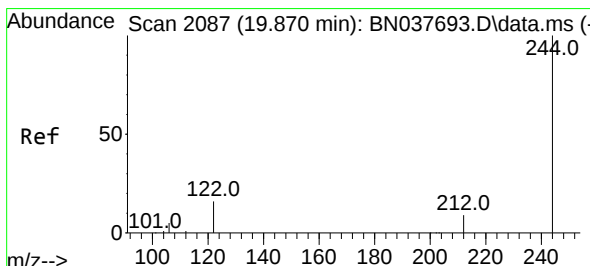
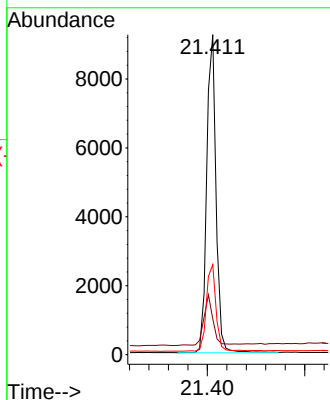
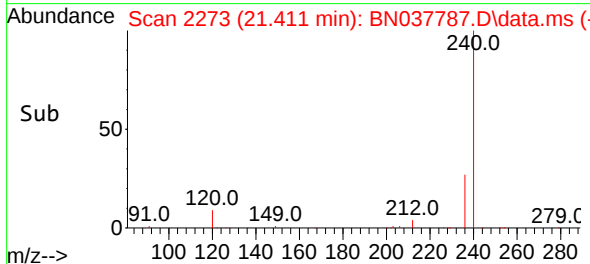


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

Instrument :
BNA_N
ClientSampleId :

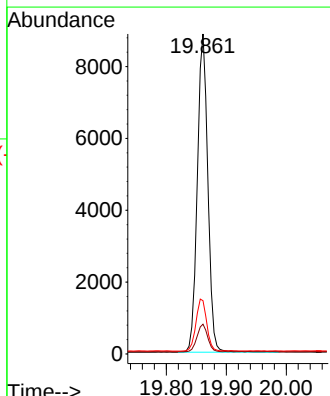
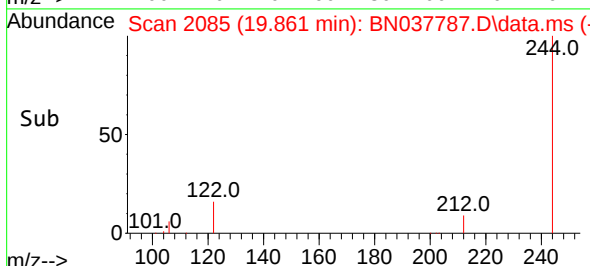
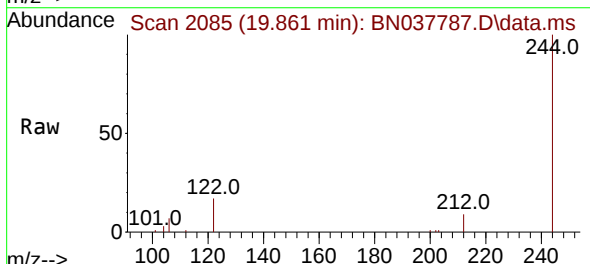


Tgt Ion:240 Resp: 12319
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 28.1 22.6 33.8



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

Tgt Ion:244 Resp: 10800
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 16.7 13.2 19.8

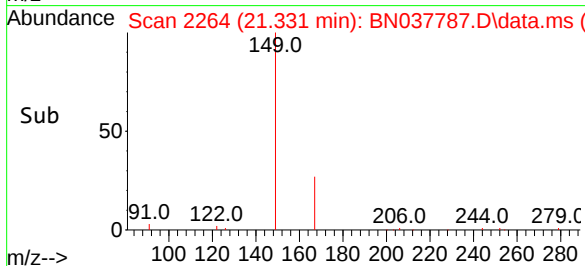
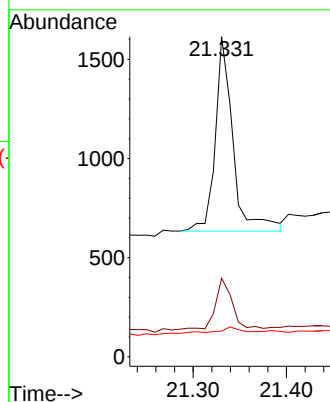
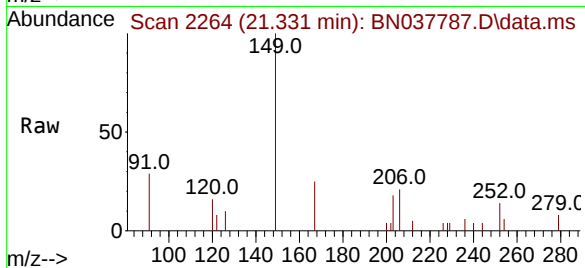




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.331 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1286
Ion Ratio Lower Upper
149 100
167 24.3 20.8 31.2
279 4.5 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 2840
Delta R.T. -0.015 min
Lab File: BN037787.D
Acq: 18 Sep 2025 21:14

Tgt Ion:264 Resp: 12006
Ion Ratio Lower Upper
264 100
260 26.6 21.8 32.8
265 75.1 39.4 59.2#

