

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037797.D
 Acq On : 19 Sep 2025 04:00
 Operator : RC/JU
 Sample : Q3095-29
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250910

Quant Time: Sep 19 04:36:24 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)

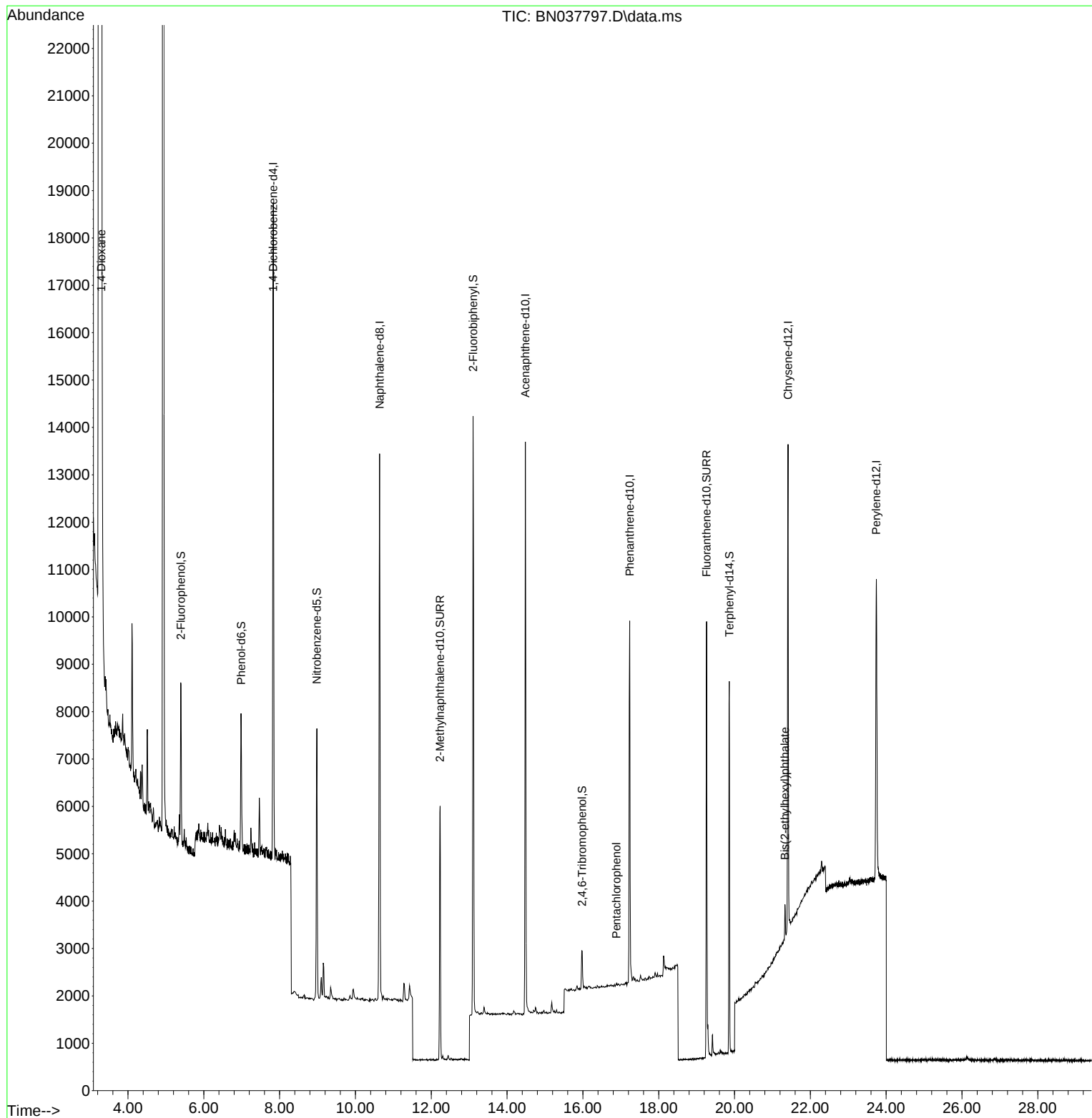
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6378	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15422	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6530	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11243	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9477	0.400	ng	0.00
35) Perylene-d12	23.742	264	9344	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2888	0.197	ng	0.00
5) Phenol-d6	6.988	99	2589	0.136	ng	0.00
8) Nitrobenzene-d5	8.982	82	4432	0.393	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7126	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	620	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11049	0.405	ng	-0.01
27) Fluoranthene-d10	19.262	212	10127	0.359	ng	0.00
31) Terphenyl-d14	19.861	244	7545	0.392	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	24520	3.691	ng	95
24) Pentachlorophenol	16.888	266	49	0.020	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.331	149	849	0.087	ng	# 96

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

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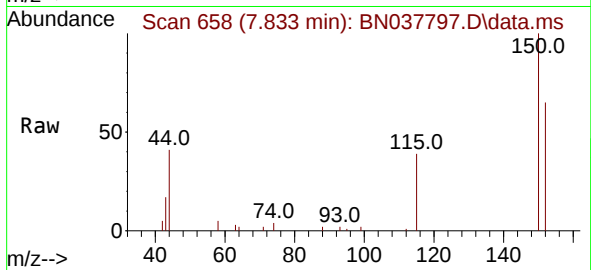
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



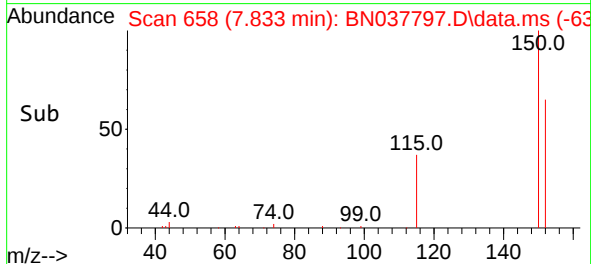
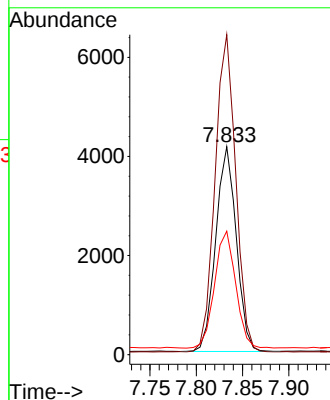


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037797.D
 Acq: 19 Sep 2025 04:00

Instrument :
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 RE122D2-20250910

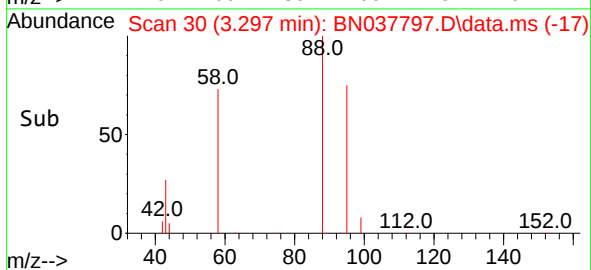
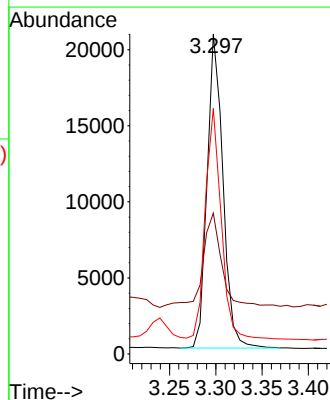
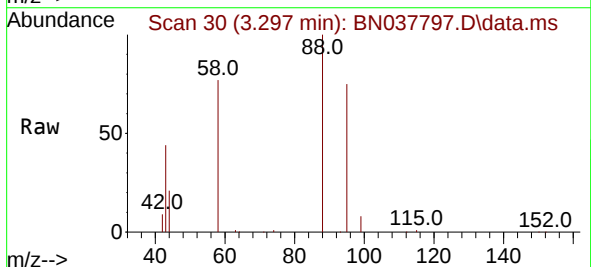


Tgt Ion:152 Resp: 6378
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.5 186.7
 115 59.4 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.691 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037797.D
 Acq: 19 Sep 2025 04:00

Tgt Ion: 88 Resp: 24520
 Ion Ratio Lower Upper
 88 100
 43 36.5 26.8 40.2
 58 73.3 61.9 92.9

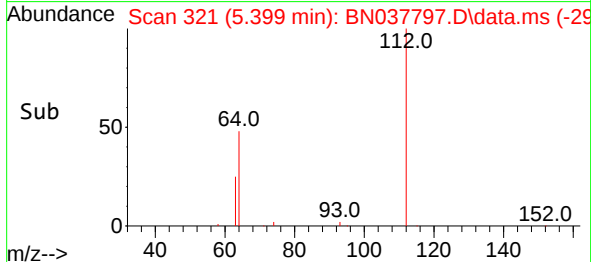
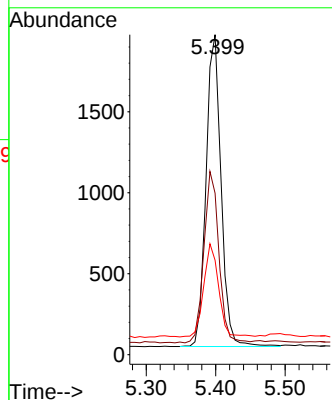
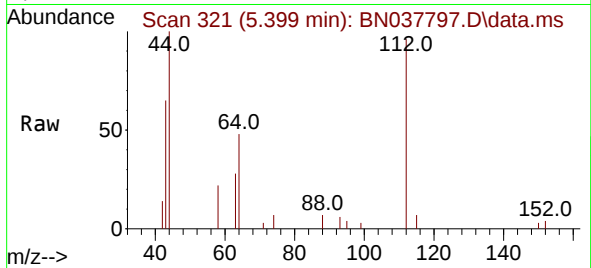




#4
2-Fluorophenol
Concen: 0.197 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

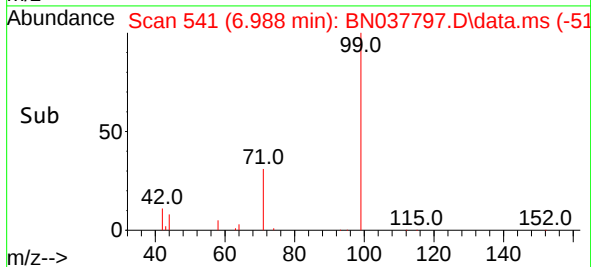
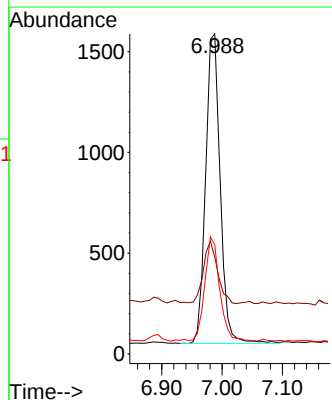
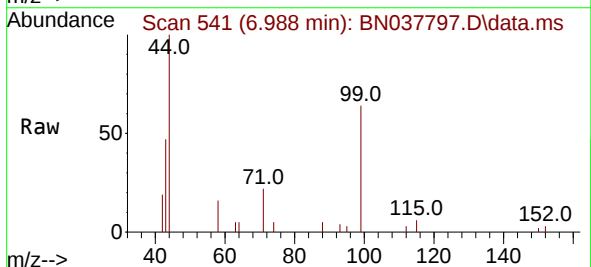
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250910

Tgt Ion:112 Resp: 2888
Ion Ratio Lower Upper
112 100
64 55.1 44.9 67.3
63 30.0 24.7 37.1



#5
Phenol-d6
Concen: 0.136 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

Tgt Ion: 99 Resp: 2589
Ion Ratio Lower Upper
99 100
42 19.5 16.6 24.8
71 34.9 26.7 40.1

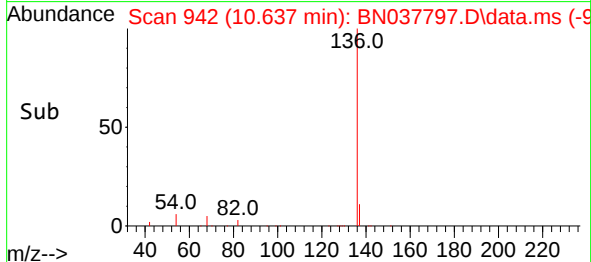
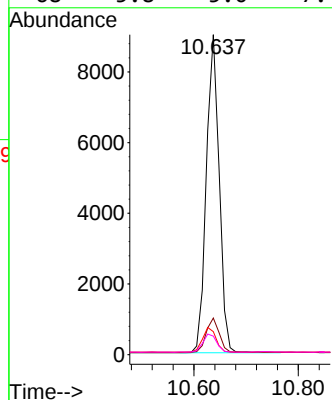
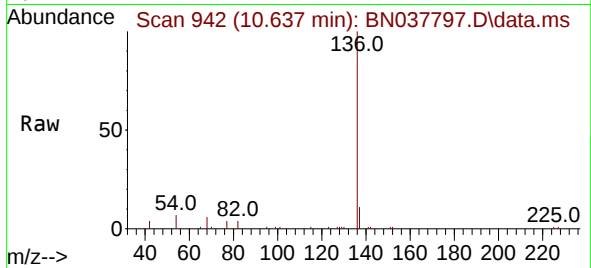




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

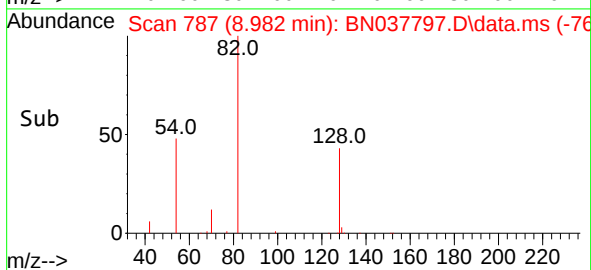
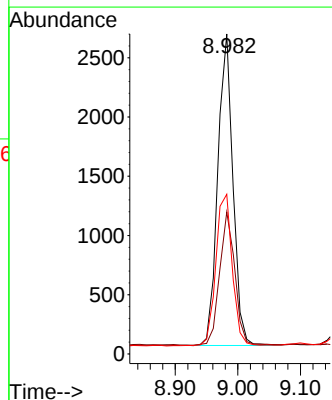
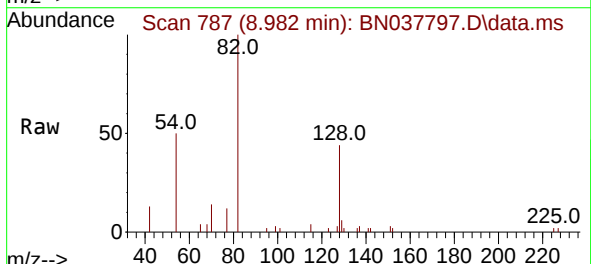
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250910

Tgt Ion:	136	Resp:	15422
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	7.2	6.3	9.5
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

Tgt Ion:	82	Resp:	4432
Ion Ratio	Lower	Upper	
82	100		
128	44.4	38.3	57.5
54	49.9	41.4	62.2

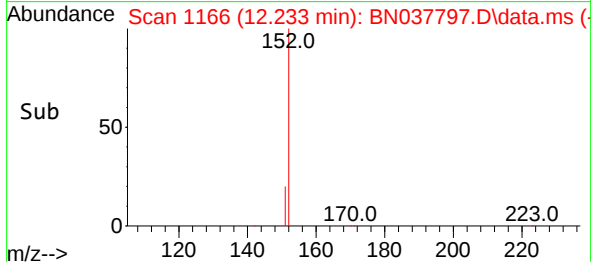
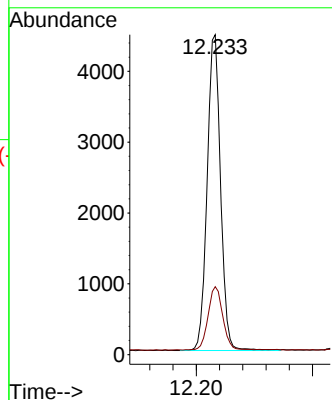
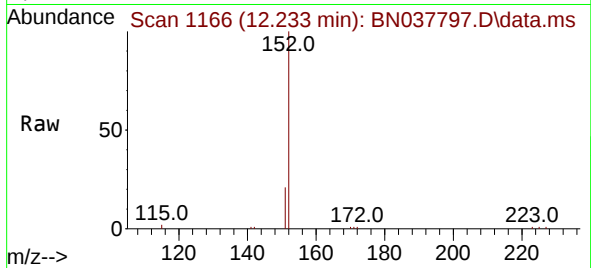




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

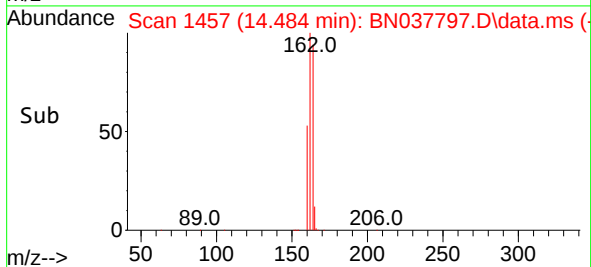
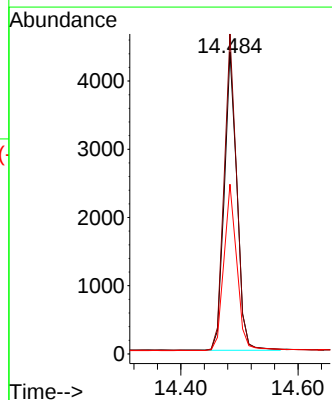
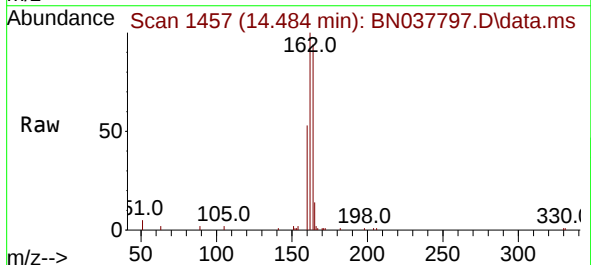
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ClientSampleId :
RE122D2-20250910

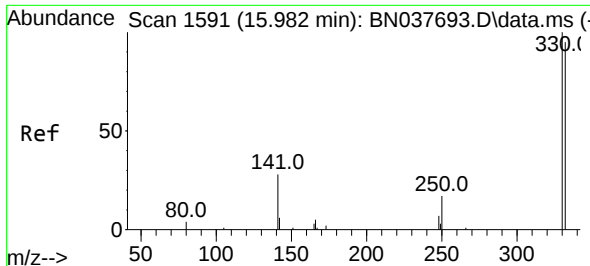
Tgt Ion:152 Resp: 7126
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

Tgt Ion:164 Resp: 6530
Ion Ratio Lower Upper
164 100
162 105.9 83.1 124.7
160 56.2 44.3 66.5

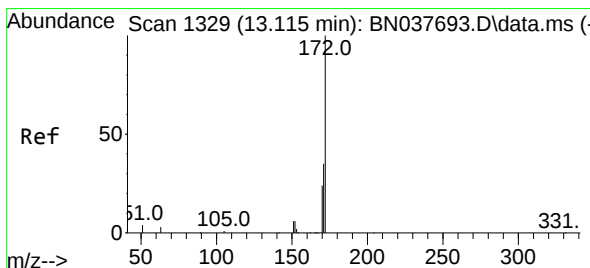
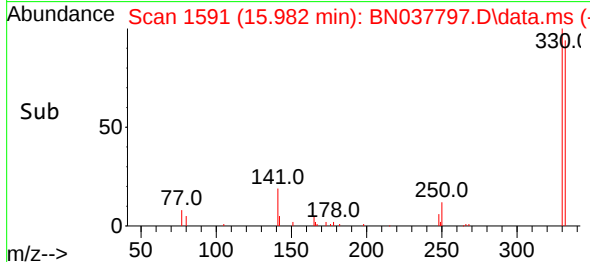
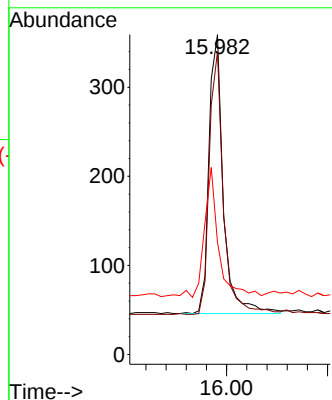
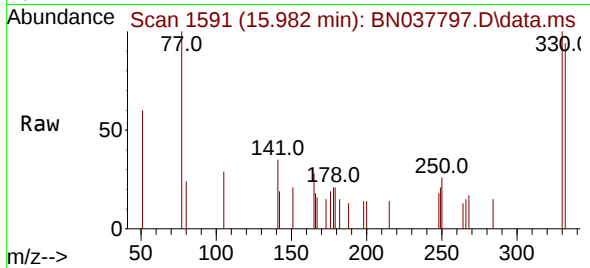




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

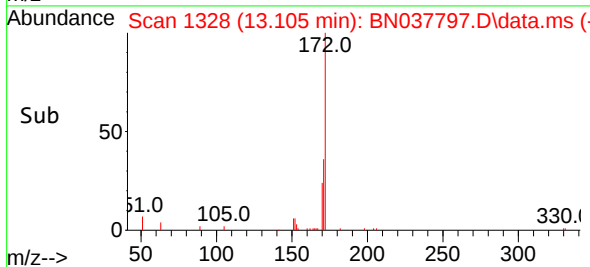
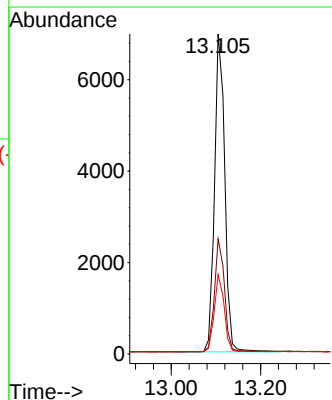
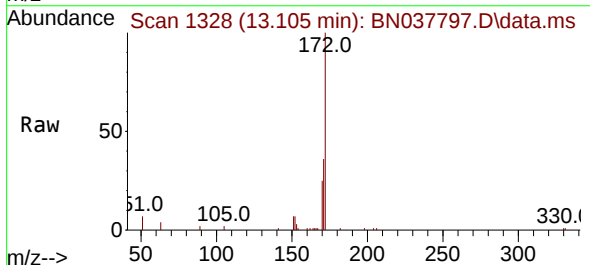
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250910

Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 92.6 75.3 112.9
141 43.1 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

Tgt Ion:172 Resp: 11049
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.8 19.8 29.8

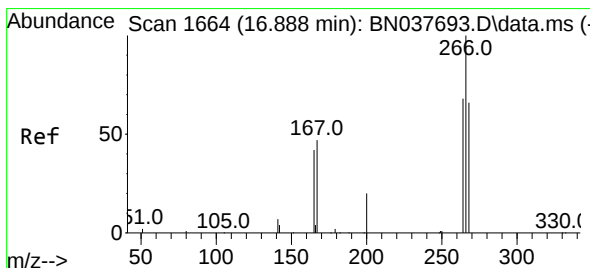
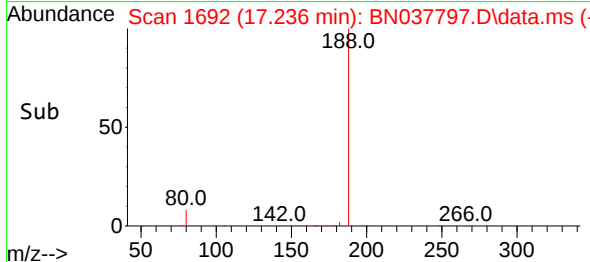
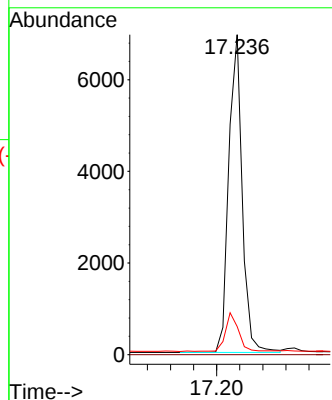
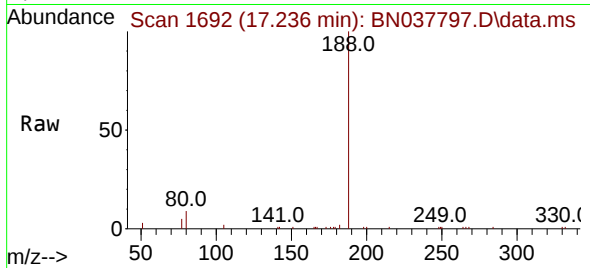




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11243
Delta R.T. 0.000 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

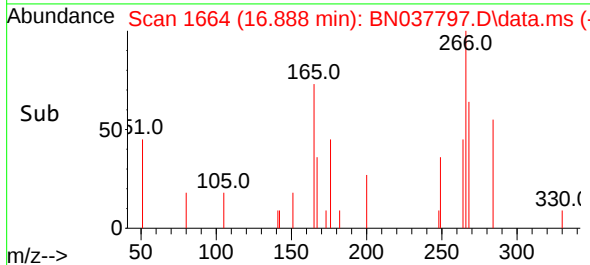
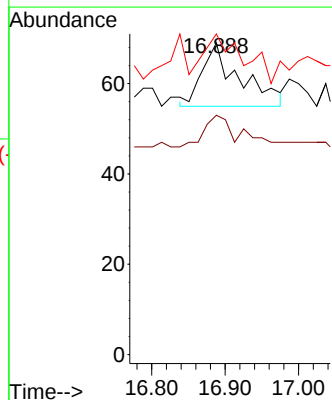
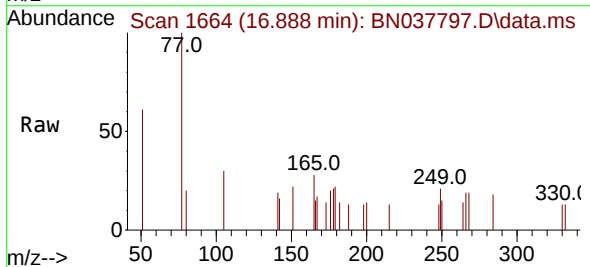
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BNA_N
ClientSampleId :
RE122D2-20250910

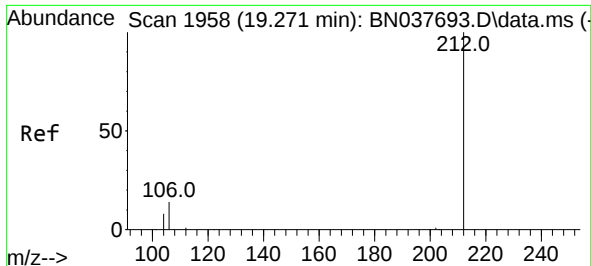
Tgt Ion:188 Resp: 11243
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 10.6 15.8#



#24
Pentachlorophenol
Concen: 0.020 ng
RT: 16.888 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
264 46.9 51.6 77.4#
268 85.7 53.2 79.8#

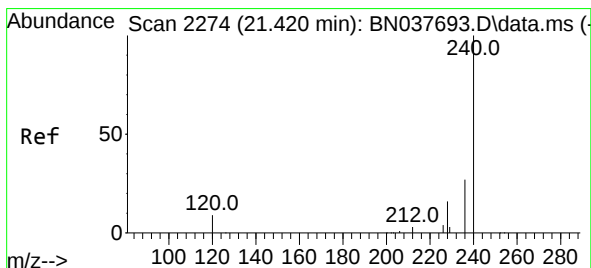
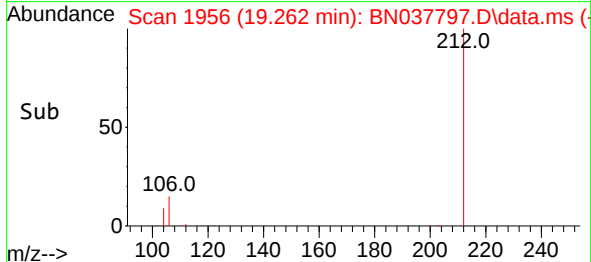
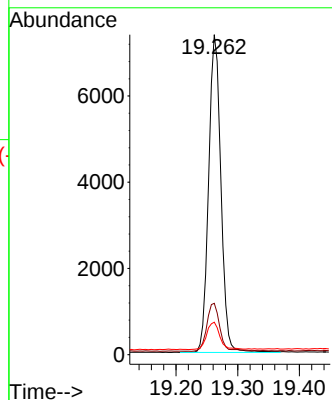
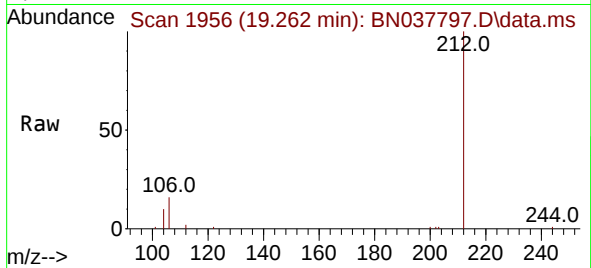




#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

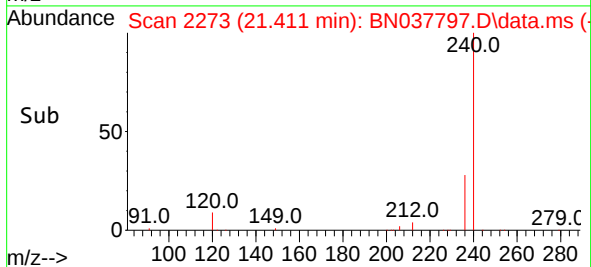
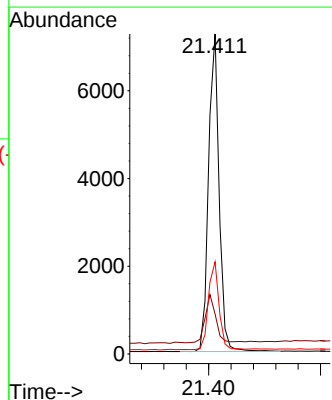
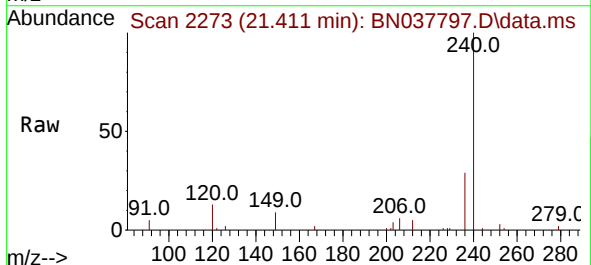
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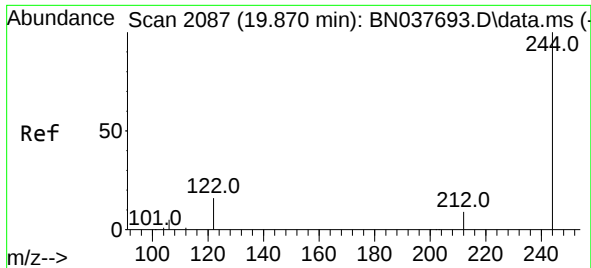
Tgt Ion:212 Resp: 10127
Ion Ratio Lower Upper
212 100
106 16.2 12.2 18.2
104 9.2 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

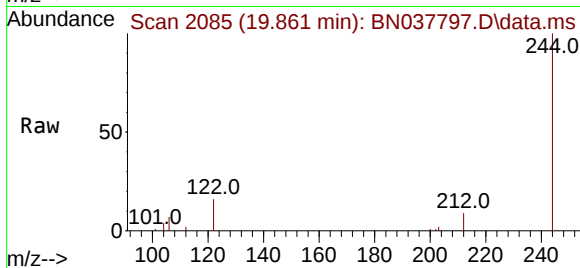
Tgt Ion:240 Resp: 9477
Ion Ratio Lower Upper
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120 12.5 9.2 13.8
236 28.8 22.6 33.8



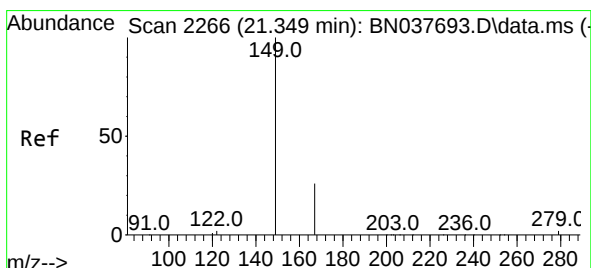
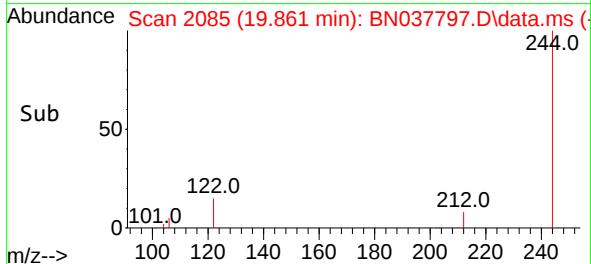
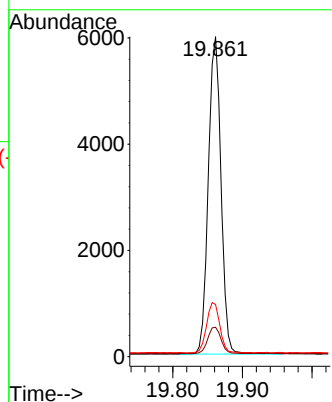


#31
Terphenyl-d14
Concen: 0.392 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

Instrument :
BNA_N
ClientSampleId :
RE122D2-20250910

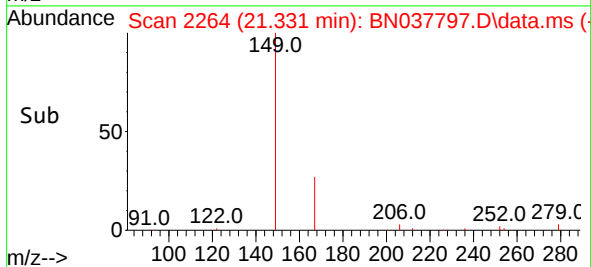
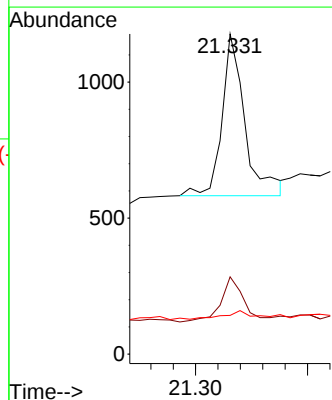
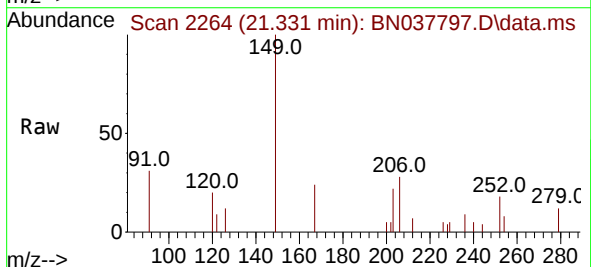


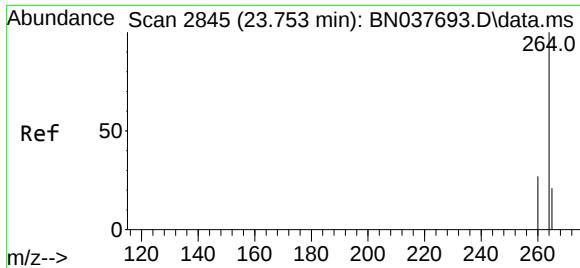
Tgt Ion:244 Resp: 7545
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 16.3 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037797.D
Acq: 19 Sep 2025 04:00

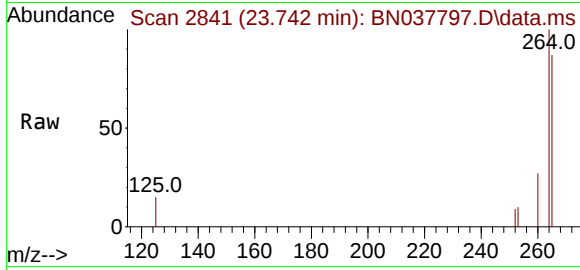
Tgt Ion:149 Resp: 849
Ion Ratio Lower Upper
149 100
167 28.0 20.8 31.2
279 6.6 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.742 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN037797.D
 Acq: 19 Sep 2025 04:00

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250910



Tgt Ion:264 Resp: 9344

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.8	32.8
265	86.8	39.4	59.2

