

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037748.D
 Acq On : 17 Sep 2025 16:24
 Operator : RC/JU
 Sample : Q3095-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20250908

Quant Time: Sep 17 16:56:14 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

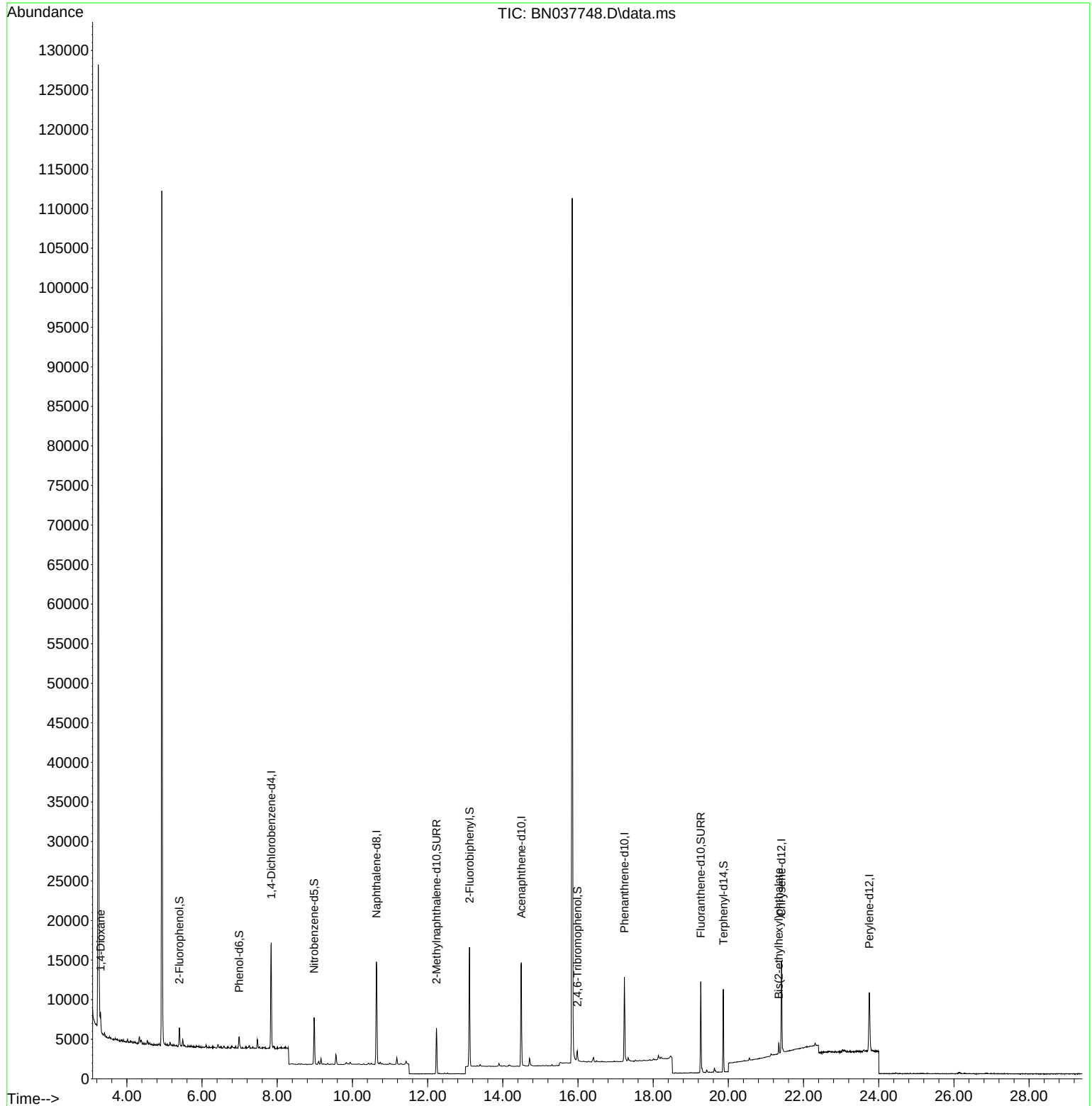
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6623	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18145	0.400	ng	-0.01
13) Acenaphthene-d10	14.494	164	8084	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	13859	0.400	ng	0.00
29) Chrysene-d12	21.411	240	11041	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	10735	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1851	0.122	ng	0.00
5) Phenol-d6	6.988	99	1355	0.069	ng	0.00
8) Nitrobenzene-d5	8.982	82	4579	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	7689	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	820	0.389	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12379	0.366	ng	0.00
27) Fluoranthene-d10	19.266	212	12259	0.352	ng	0.00
31) Terphenyl-d14	19.866	244	9456	0.422	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.304	88	1113	0.161	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.339	149	1495	0.131	ng	# 97

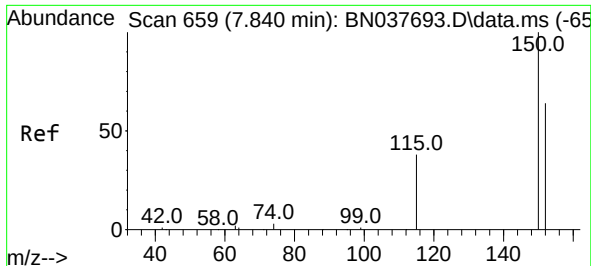
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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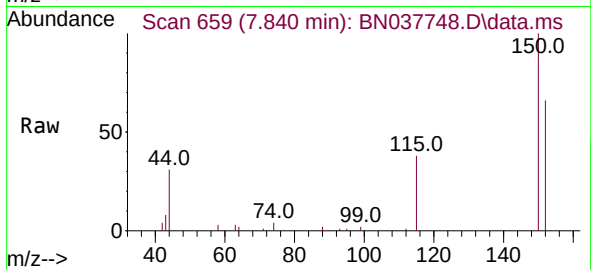
Quant Time: Sep 17 16:56:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





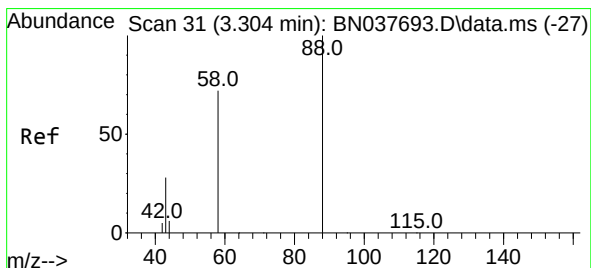
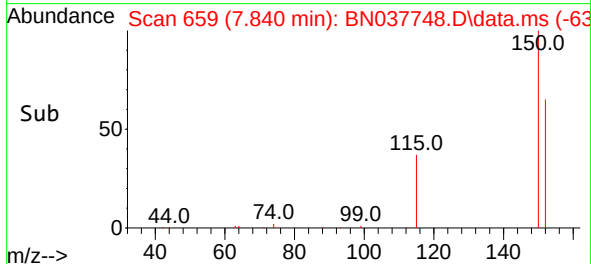
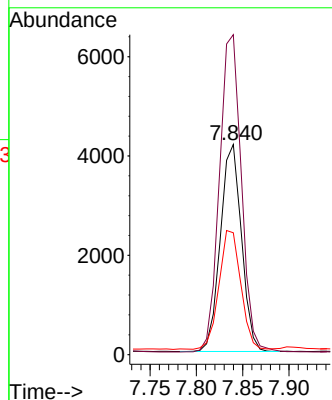
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037748.D
 Acq: 17 Sep 2025 16:24

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20250908



Tgt Ion:152 Resp: 6623

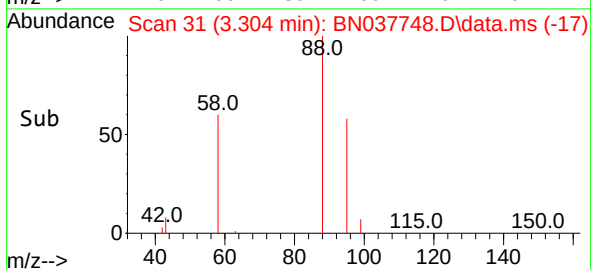
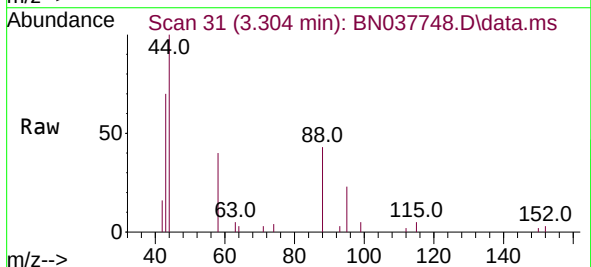
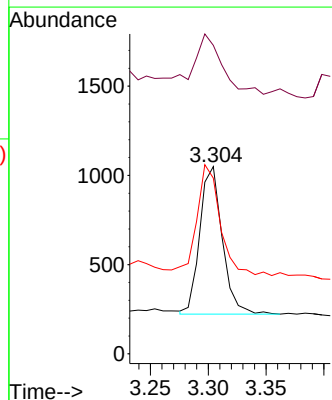
Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.5	186.7
115	58.0	49.2	73.8

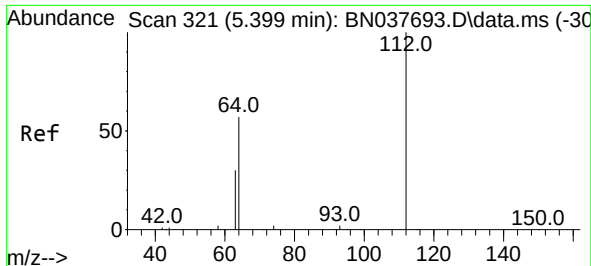


#2
 1,4-Dioxane
 Concen: 0.161 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037748.D
 Acq: 17 Sep 2025 16:24

Tgt Ion: 88 Resp: 1113

Ion	Ratio	Lower	Upper
88	100		
43	52.4	26.8	40.2
58	78.7	61.9	92.9





#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.399 min Scan# 321

Delta R.T. -0.000 min

Lab File: BN037748.D

Acq: 17 Sep 2025 16:24

Instrument :

BNA_N

ClientSampleId :

MW179D-20250908

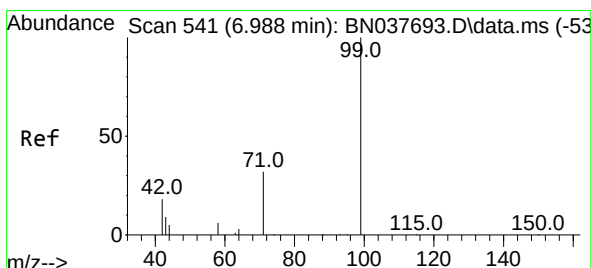
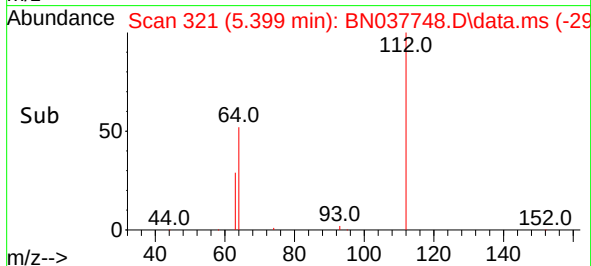
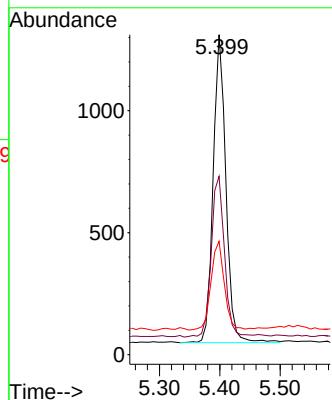
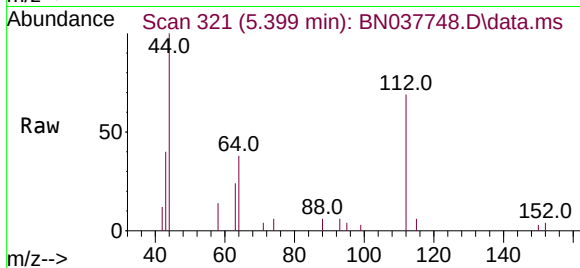
Tgt Ion:112 Resp: 1851

Ion Ratio Lower Upper

112 100

64 54.7 44.9 67.3

63 30.0 24.7 37.1



#5

Phenol-d6

Concen: 0.069 ng

RT: 6.988 min Scan# 541

Delta R.T. -0.000 min

Lab File: BN037748.D

Acq: 17 Sep 2025 16:24

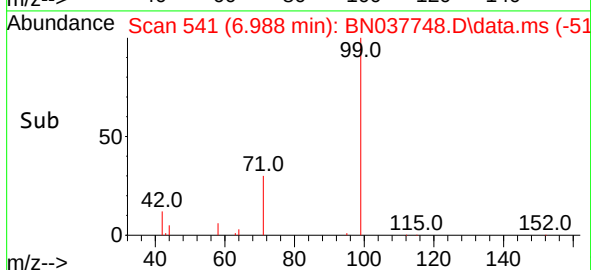
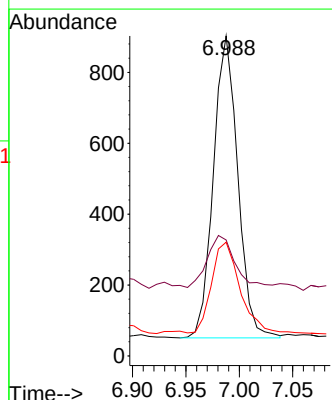
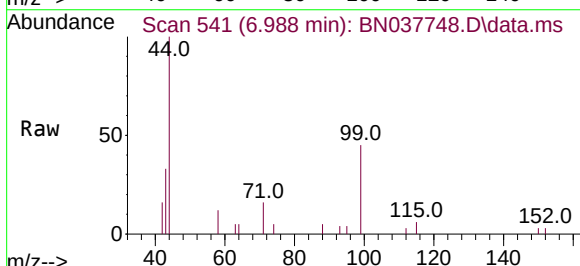
Tgt Ion: 99 Resp: 1355

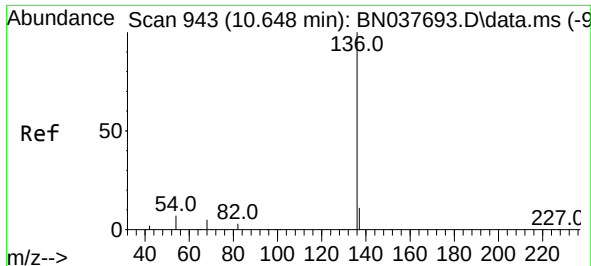
Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

71 36.5 26.7 40.1

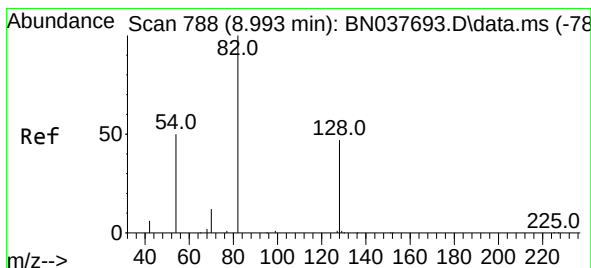
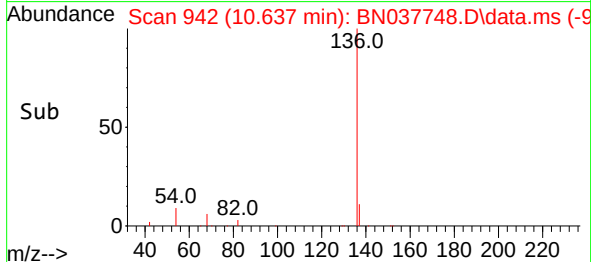
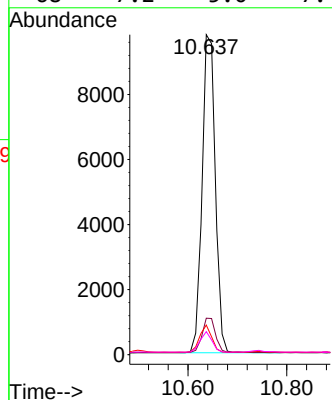
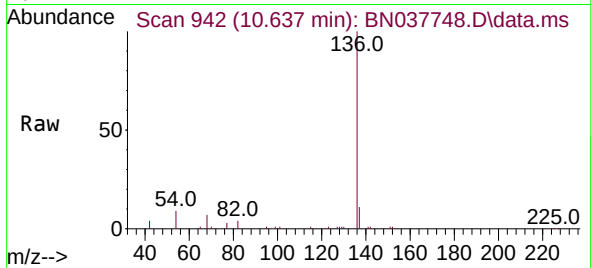




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

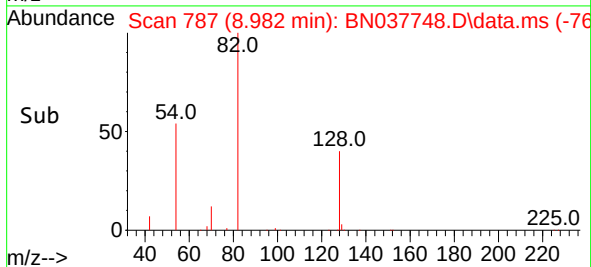
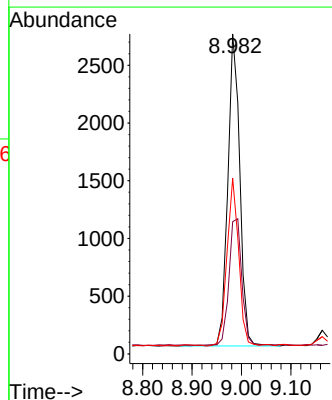
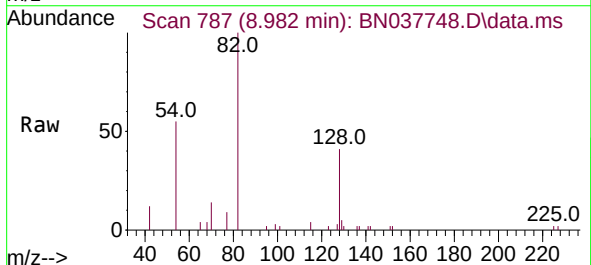
Instrument :
BNA_N
ClientSampleId :
MW179D-20250908

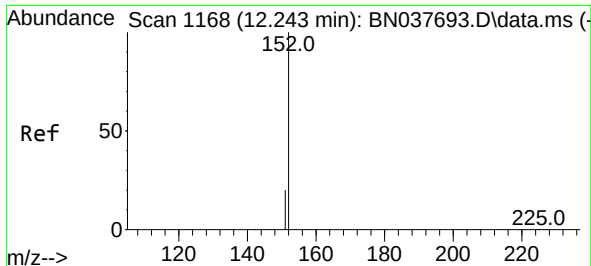
Tgt Ion:	136	Resp:	18145
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.2	6.3	9.5
68	7.2	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

Tgt Ion:	82	Resp:	4579
Ion Ratio	Lower	Upper	
82	100		
128	41.3	38.3	57.5
54	54.9	41.4	62.2

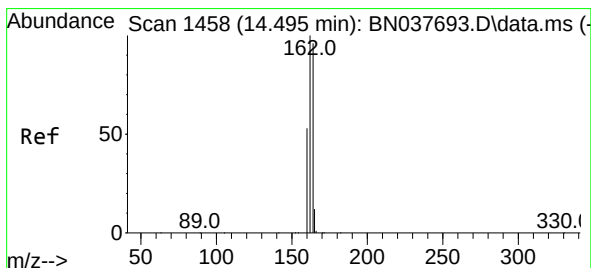
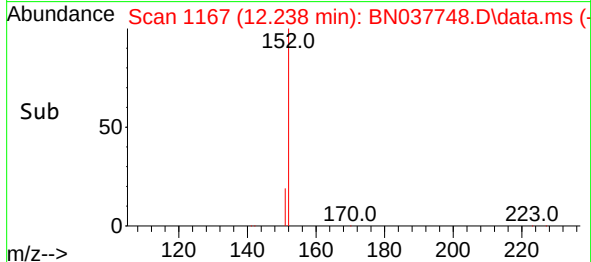
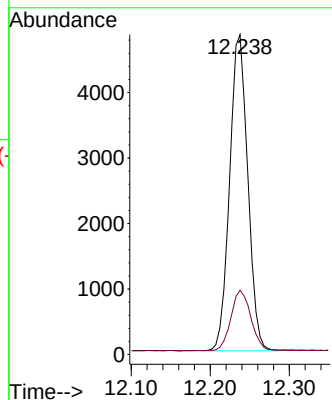
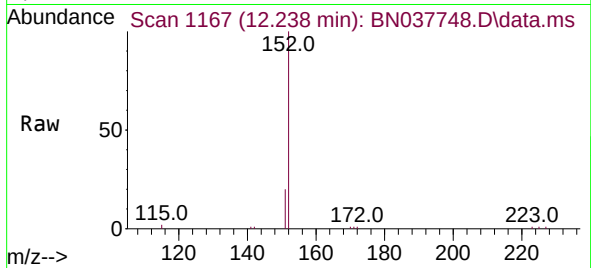




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

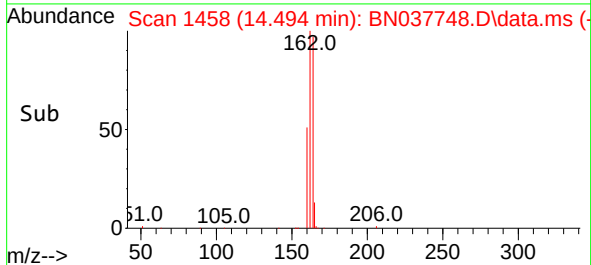
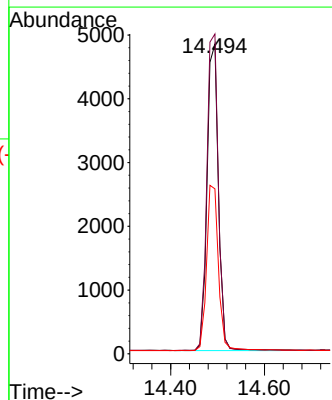
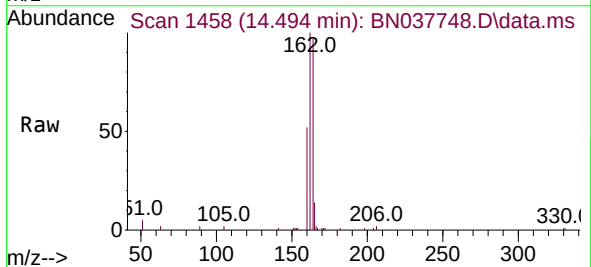
Instrument :
BNA_N
ClientSampleId :
MW179D-20250908

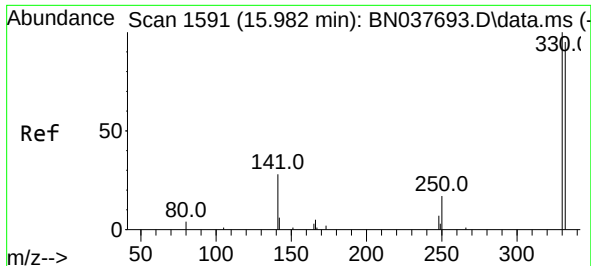
Tgt Ion:152 Resp: 7689
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

Tgt Ion:164 Resp: 8084
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 53.3 44.3 66.5

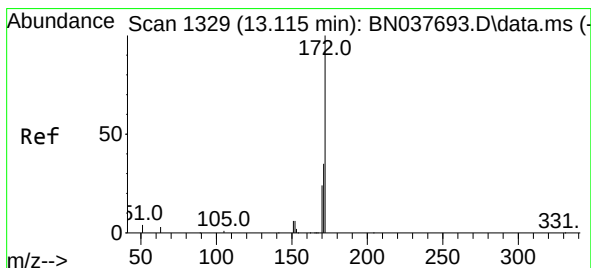
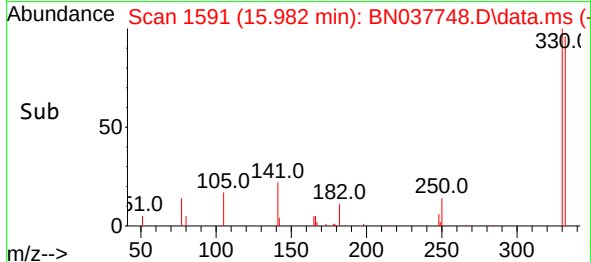
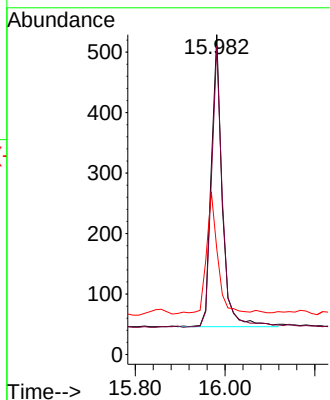
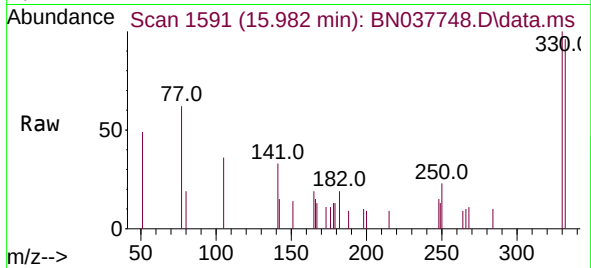




#14
 2,4,6-Tribromophenol
 Concen: 0.389 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037748.D
 Acq: 17 Sep 2025 16:24

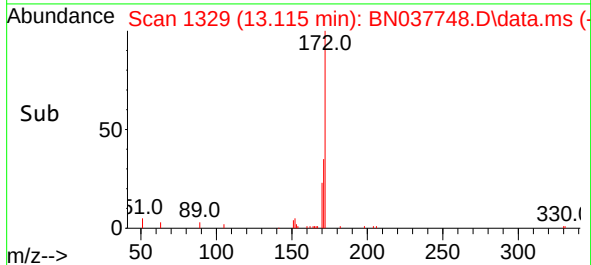
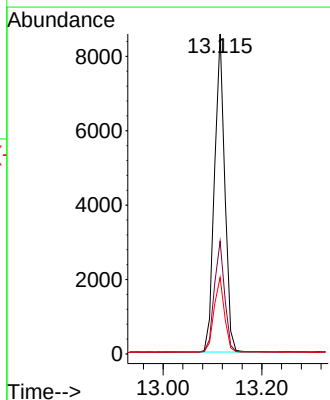
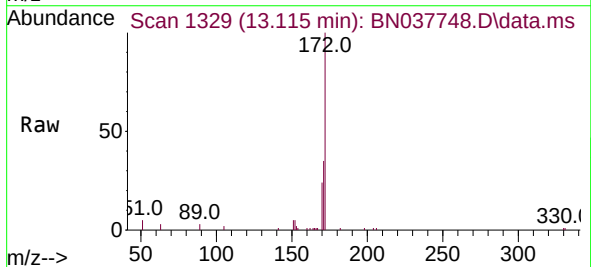
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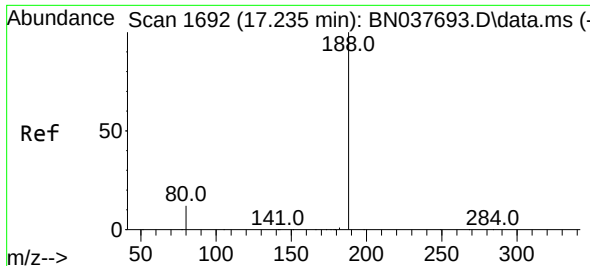
Tgt Ion:	330	Resp:	820
Ion Ratio	Lower	Upper	
330	100		
332	98.2	75.3	112.9
141	42.6	35.0	52.4



#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.115 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: BN037748.D
 Acq: 17 Sep 2025 16:24

Tgt Ion:	172	Resp:	12379
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	43.0
170	23.9	19.8	29.8

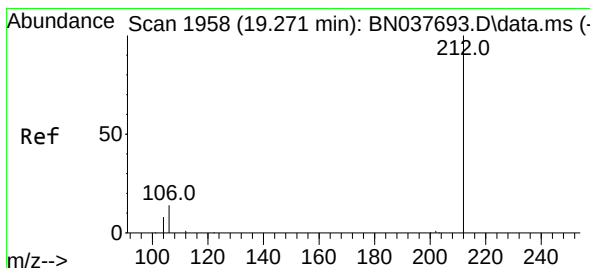
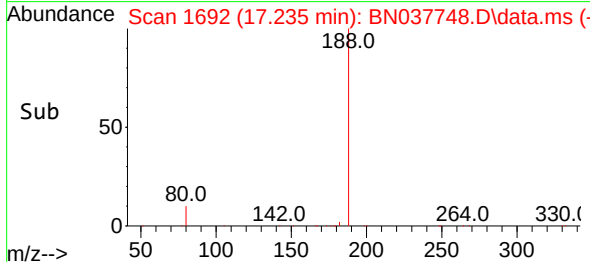
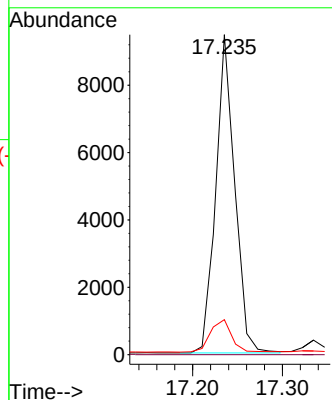
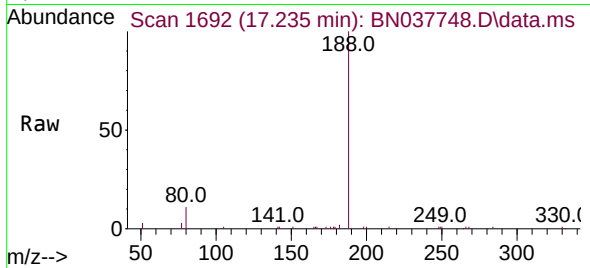




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

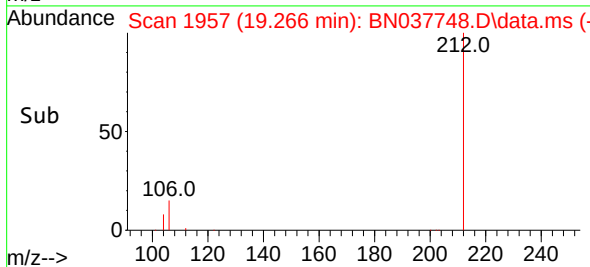
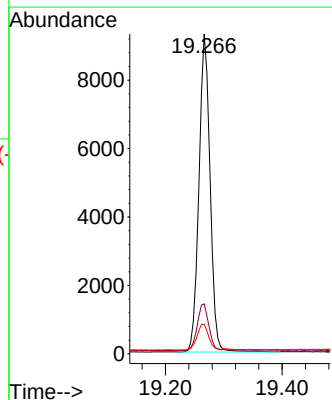
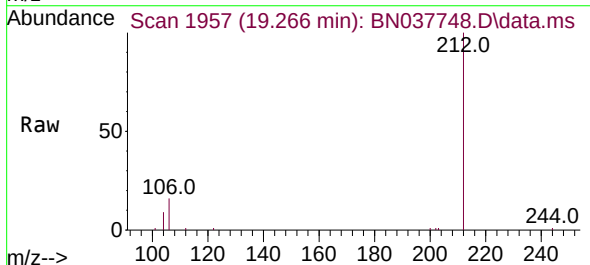
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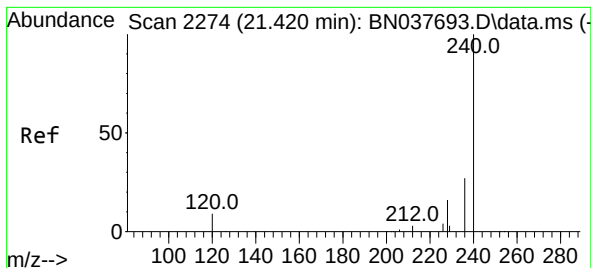
Tgt Ion:188 Resp: 13859
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

Tgt Ion:212 Resp: 12259
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 8.5 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: BN037748.D

Acq: 17 Sep 2025 16:24

Instrument :

BNA_N

ClientSampleId :

MW179D-20250908

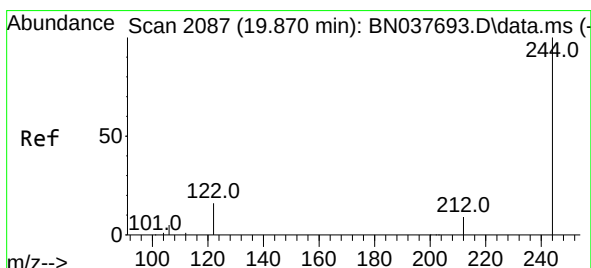
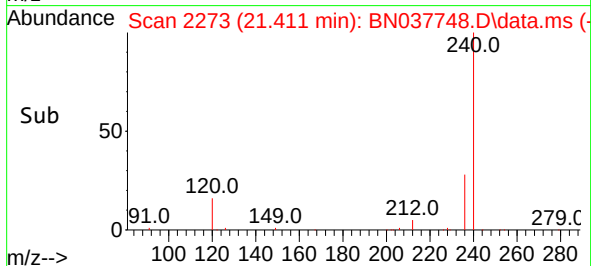
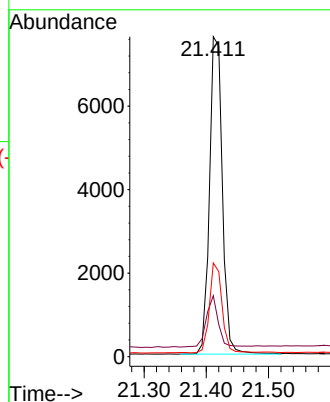
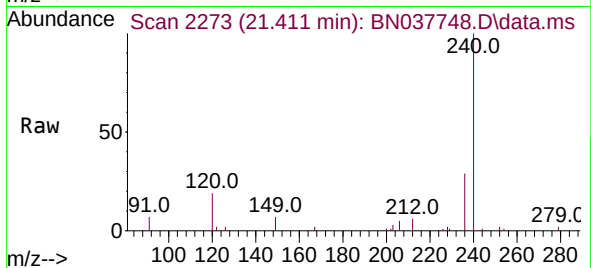
Tgt Ion:240 Resp: 11041

Ion Ratio Lower Upper

240 100

120 19.0 9.2 13.8#

236 29.3 22.6 33.8



#31

Terphenyl-d14

Concen: 0.422 ng

RT: 19.866 min Scan# 2086

Delta R.T. -0.005 min

Lab File: BN037748.D

Acq: 17 Sep 2025 16:24

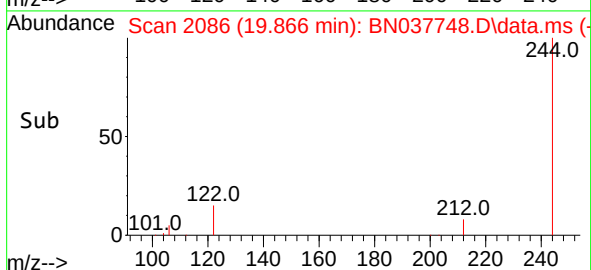
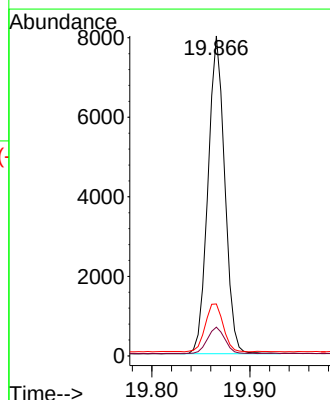
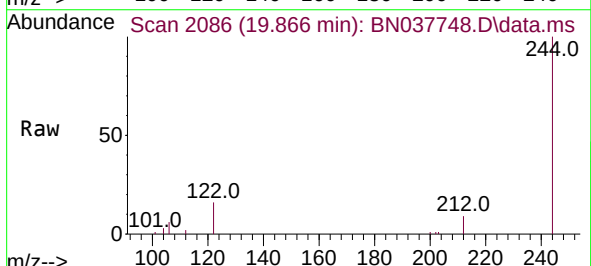
Tgt Ion:244 Resp: 9456

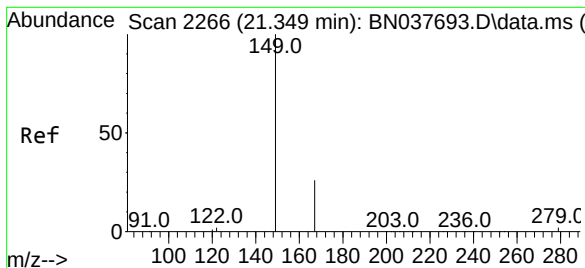
Ion Ratio Lower Upper

244 100

212 9.0 7.5 11.3

122 16.2 13.2 19.8

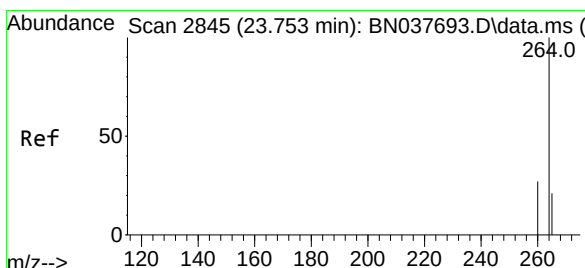
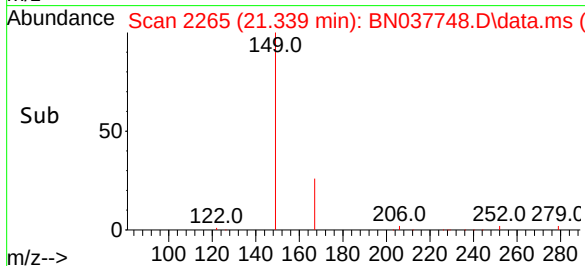
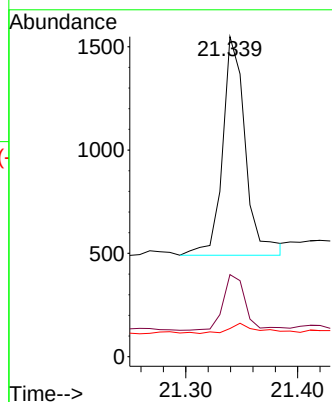
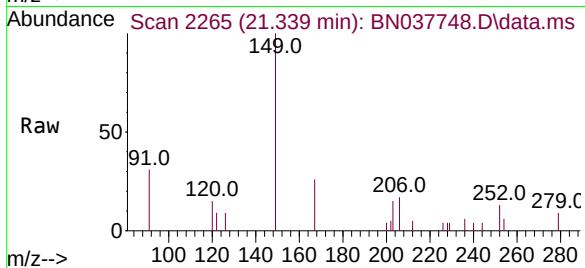




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.131 ng
RT: 21.339 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

Instrument :
BNA_N
ClientSampleId :
MW179D-20250908

Tgt Ion:149 Resp: 1495
Ion Ratio Lower Upper
149 100
167 24.7 20.8 31.2
279 6.2 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 2844
Delta R.T. -0.003 min
Lab File: BN037748.D
Acq: 17 Sep 2025 16:24

Tgt Ion:264 Resp: 10735
Ion Ratio Lower Upper
264 100
260 26.5 21.8 32.8
265 62.2 39.4 59.2#

