

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037324.D
 Acq On : 18 Jun 2025 22:02
 Operator : RC/JU
 Sample : PB168508BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168508BL

Quant Time: Jun 19 02:40:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 18 18:40:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	562	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	1150	0.400	ng	# 0.01
13) Acenaphthene-d10	14.224	164	831	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	1490	0.400	ng	# 0.01
29) Chrysene-d12	21.180	240	1687	0.400	ng	# 0.00
35) Perylene-d12	23.366	264	1359	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	451	0.442	ng	0.00
5) Phenol-d6	6.766	99	351	0.350	ng	0.00
8) Nitrobenzene-d5	8.749	82	334	0.349	ng	0.02
11) 2-Methylnaphthalene-d10	11.966	152	701	0.375	ng	0.02
14) 2,4,6-Tribromophenol	15.743	330	199	0.325	ng	0.02
15) 2-Fluorobiphenyl	12.858	172	1324	0.364	ng	0.02
27) Fluoranthene-d10	19.017	212	2136	0.452	ng	0.00
31) Terphenyl-d14	19.625	244	1639	0.423	ng	0.00

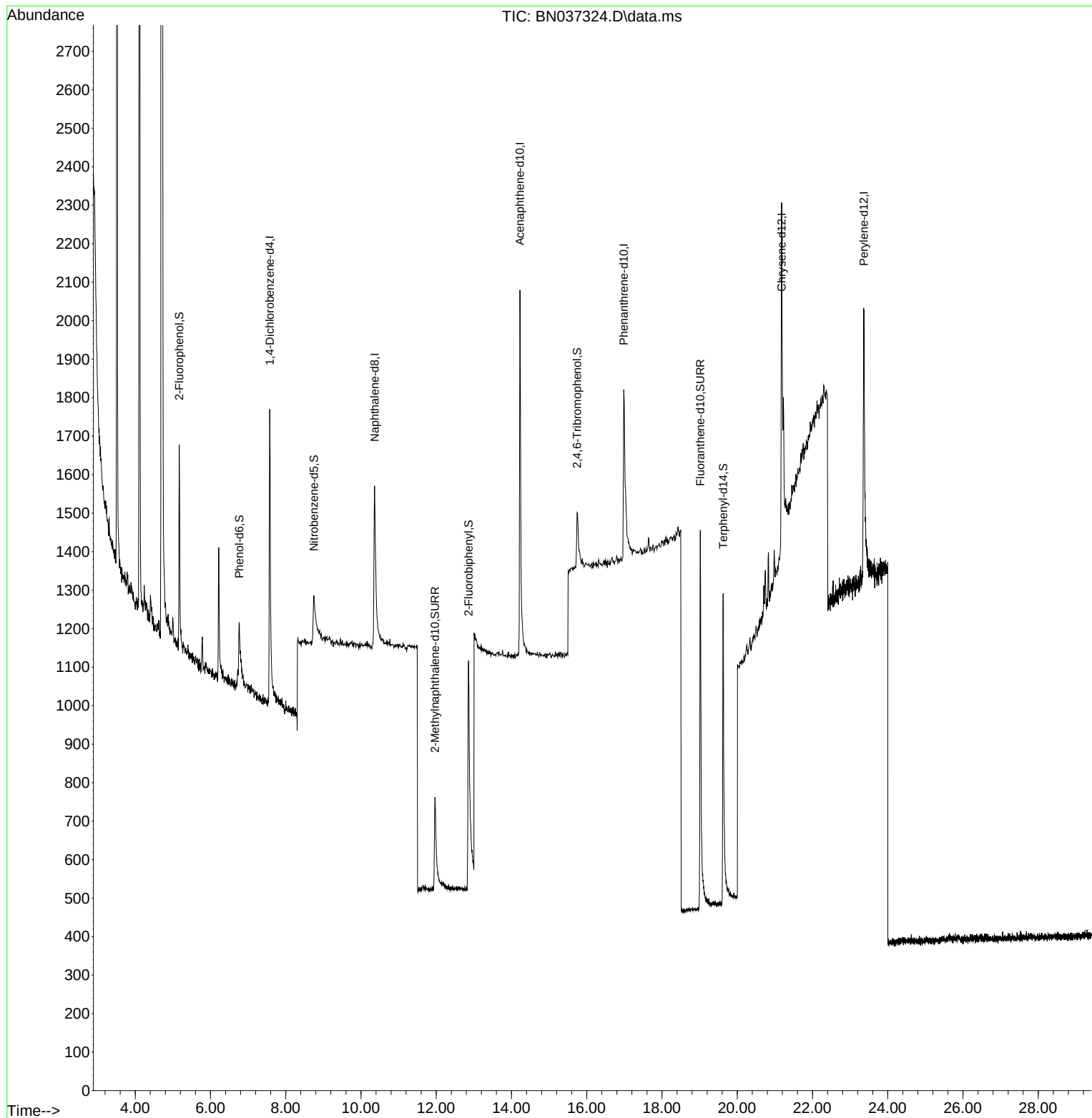
Target Compounds Qvalue

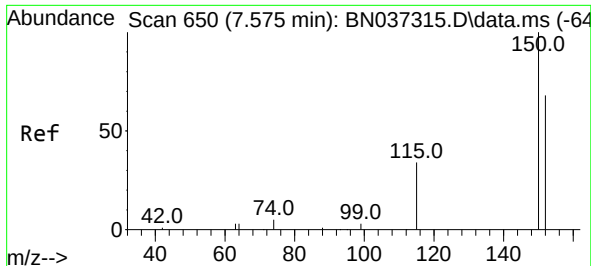
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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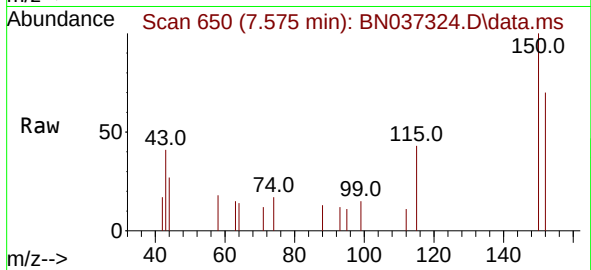
Quant Time: Jun 19 02:40:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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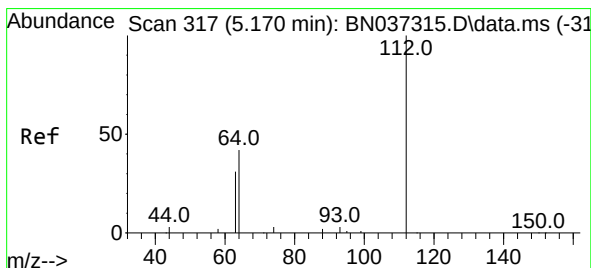
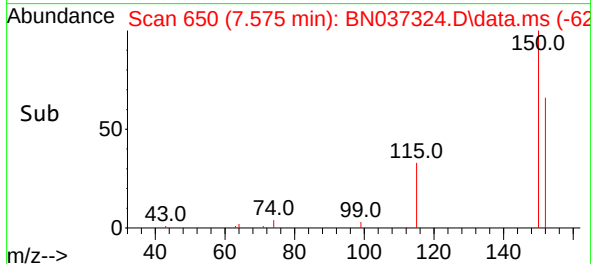
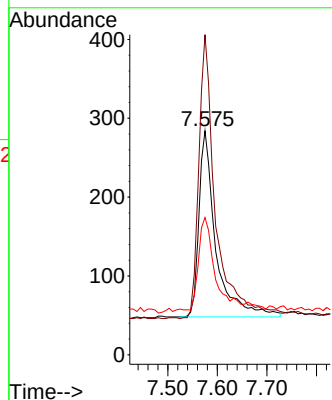
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

Instrument :
BNA_N
ClientSampleId :
PB168508BL



Tgt Ion:152 Resp: 562

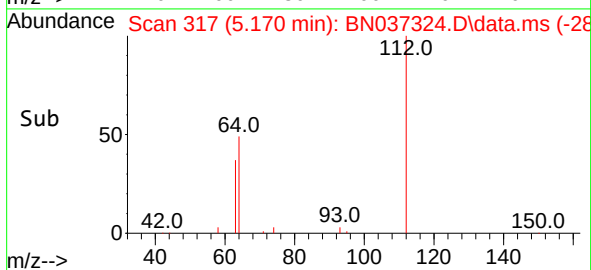
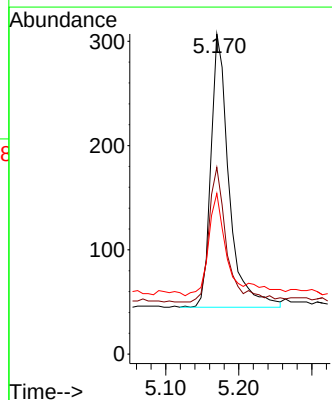
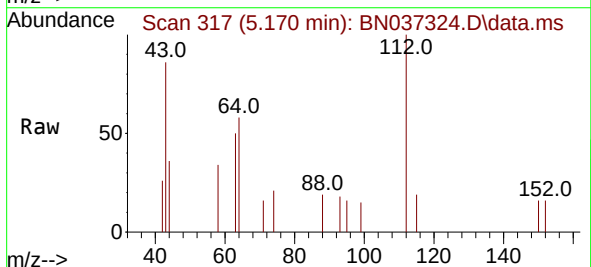
Ion	Ratio	Lower	Upper
152	100		
150	143.0	112.7	169.1
115	61.3	45.9	68.9

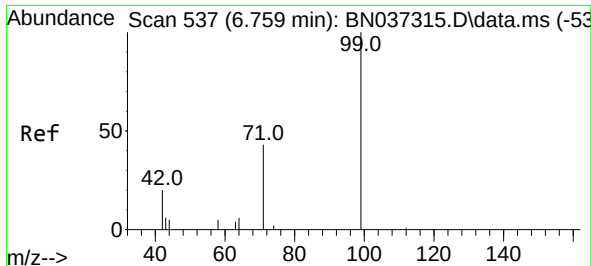


#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

Tgt Ion:112 Resp: 451

Ion	Ratio	Lower	Upper
112	100		
64	49.4	38.7	58.1
63	34.6	26.4	39.6

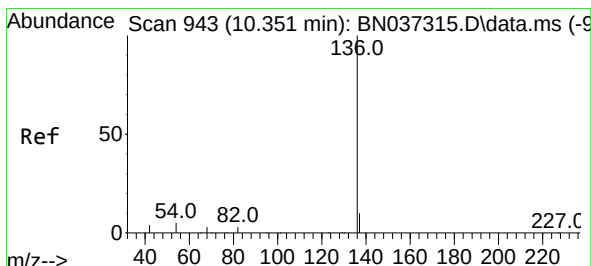
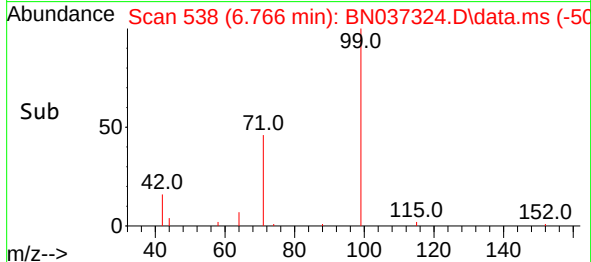
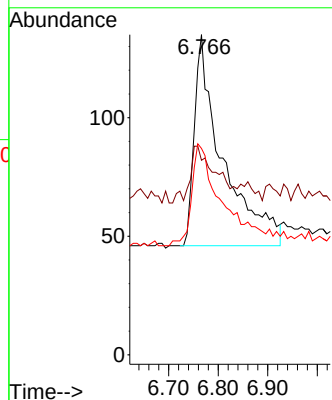
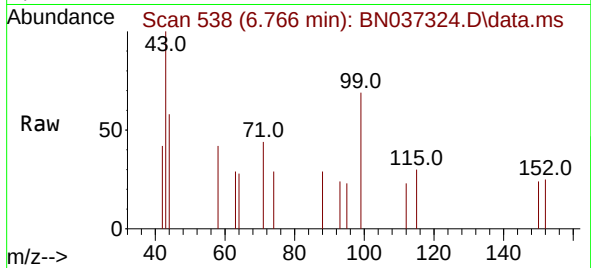




#5
Phenol-d6
Concen: 0.350 ng
RT: 6.766 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

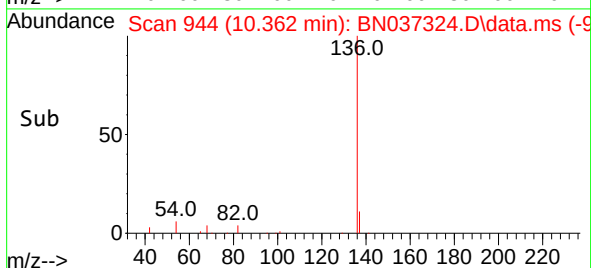
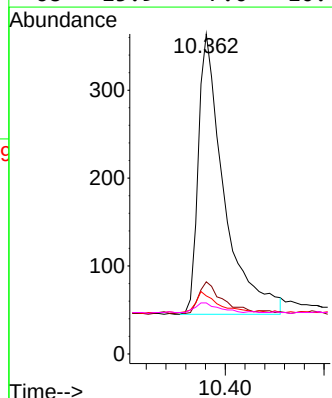
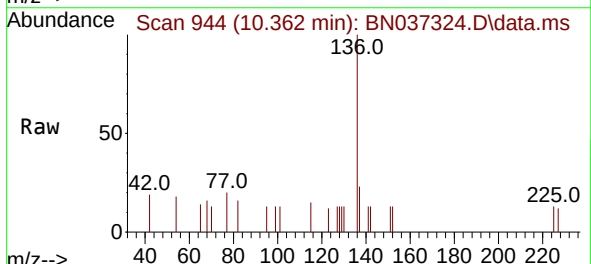
Instrument :
BNA_N
ClientSampleId :
PB168508BL

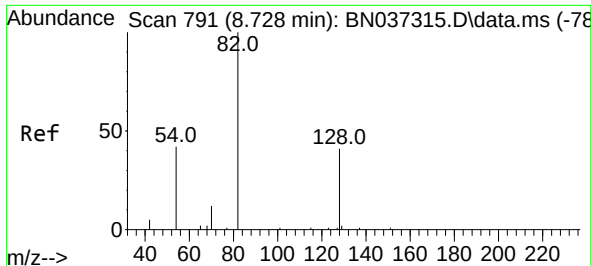
Tgt Ion: 99	Resp: 351
Ion Ratio	Lower Upper
99	100
42	25.4 19.8 29.8
71	51.9 42.6 64.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

Tgt Ion: 136	Resp: 1150
Ion Ratio	Lower Upper
136	100
137	22.5 12.2 18.2#
54	18.1 8.8 13.2#
68	15.9 7.0 10.4#





#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.749 min Scan# 791
Delta R.T. 0.021 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

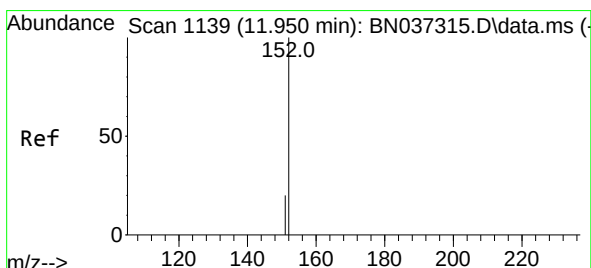
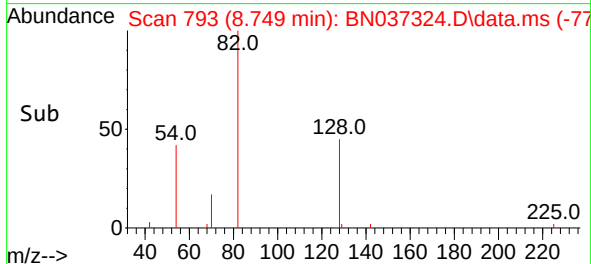
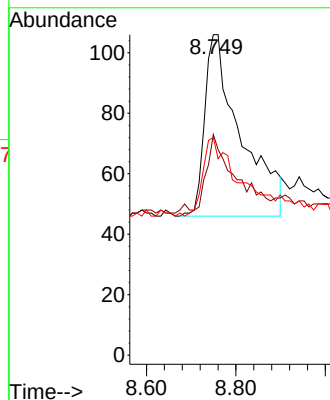
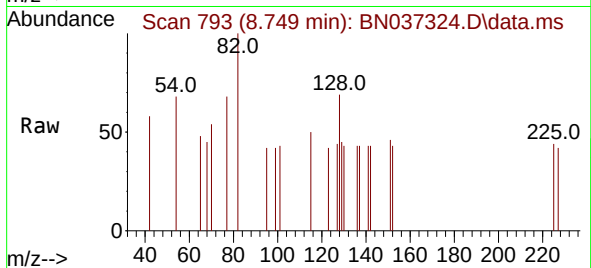
Instrument :

BNA_N

ClientSampleId :

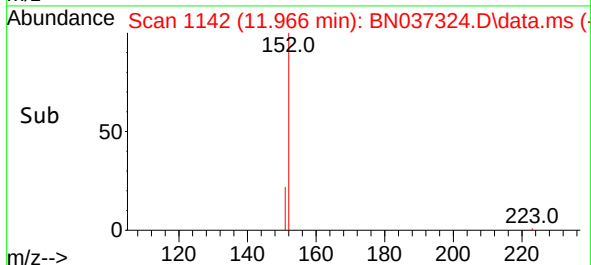
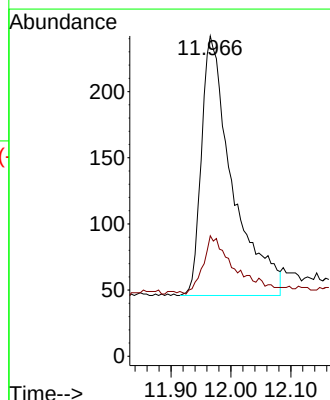
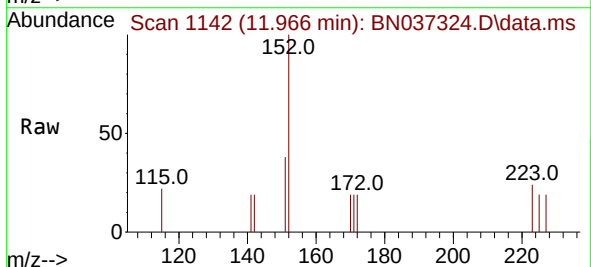
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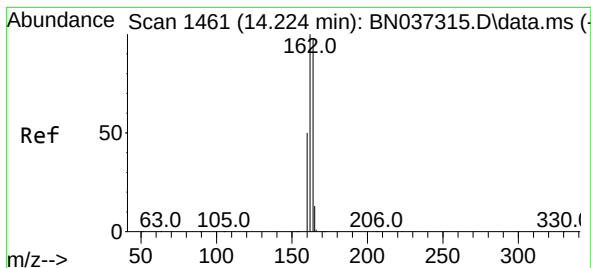
Tgt Ion: 82 Resp: 334
Ion Ratio Lower Upper
82 100
128 68.9 42.5 63.7#
54 67.9 43.2 64.8#



#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.966 min Scan# 1142
Delta R.T. 0.015 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

Tgt Ion:152 Resp: 701
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BN037324.D

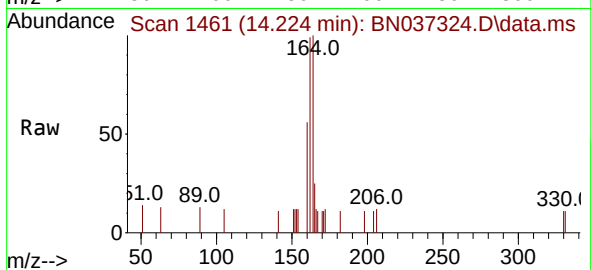
Acq: 18 Jun 2025 22:02

Instrument :

BNA_N

ClientSampleId :

PB168508BL



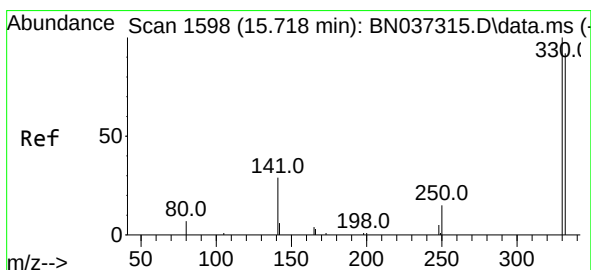
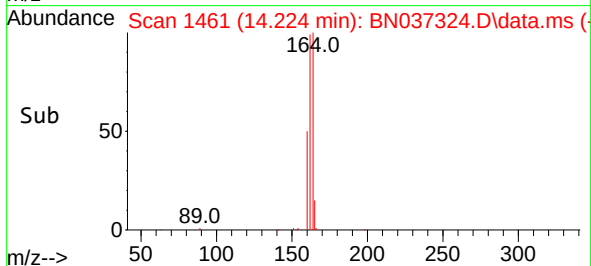
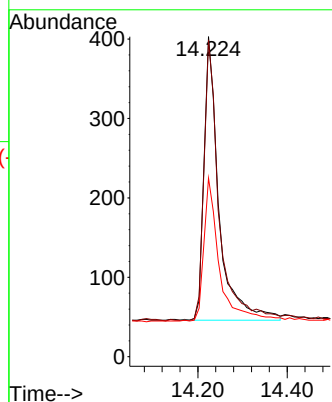
Tgt Ion:164 Resp: 831

Ion Ratio Lower Upper

164 100

162 99.0 81.5 122.3

160 55.8 43.0 64.4



#14

2,4,6-Tribromophenol

Concen: 0.325 ng

RT: 15.743 min Scan# 1600

Delta R.T. 0.025 min

Lab File: BN037324.D

Acq: 18 Jun 2025 22:02

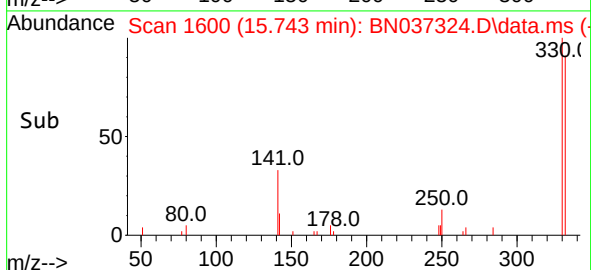
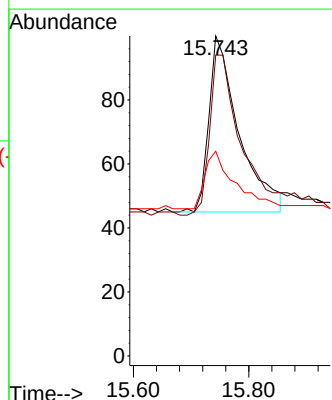
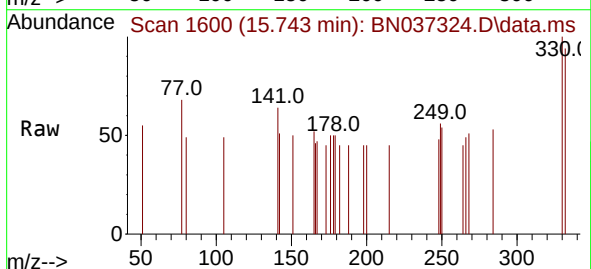
Tgt Ion:330 Resp: 199

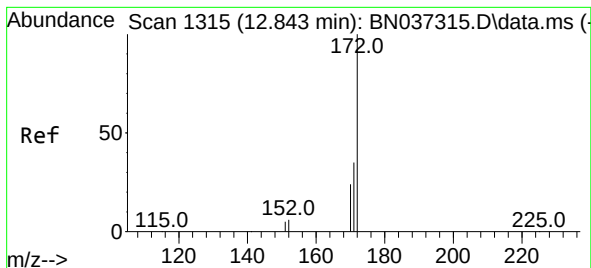
Ion Ratio Lower Upper

330 100

332 98.5 78.4 117.6

141 32.7 24.4 36.6

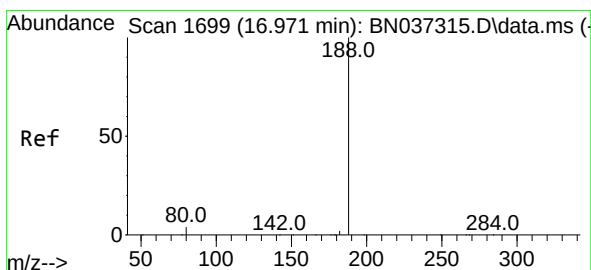
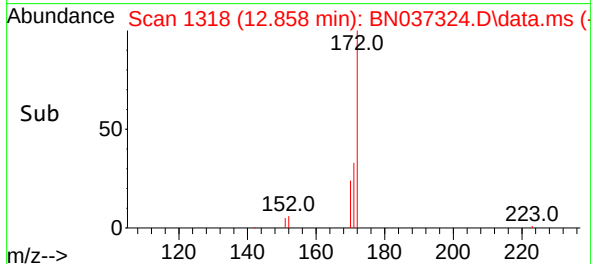
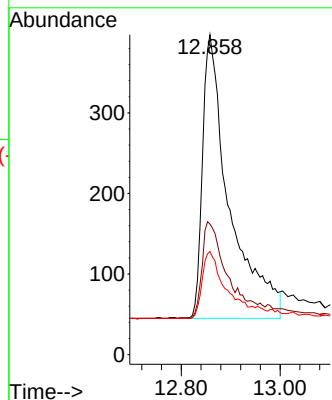
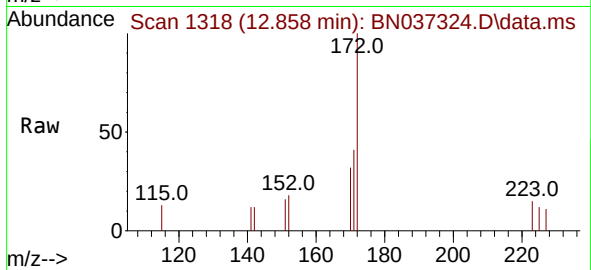




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.858 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

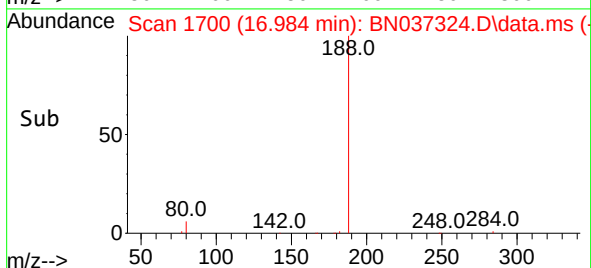
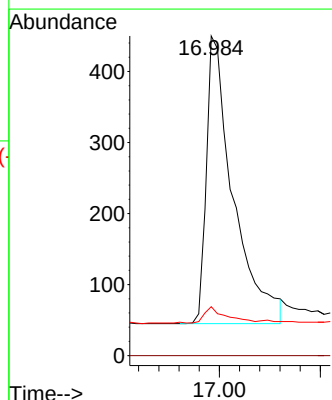
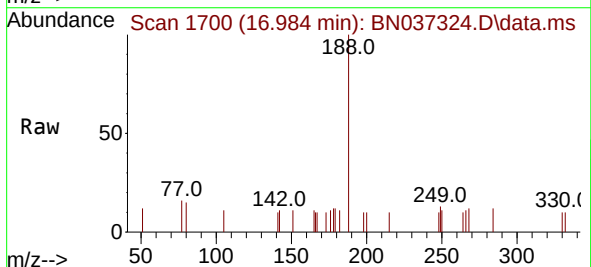
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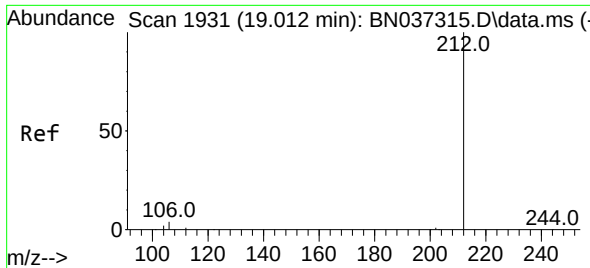
Tgt Ion:	172	Resp:	1324
Ion	Ratio	Lower	Upper
172	100		
171	40.8	30.8	46.2
170	32.2	21.9	32.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

Tgt Ion:	188	Resp:	1490
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.3	6.2	9.2

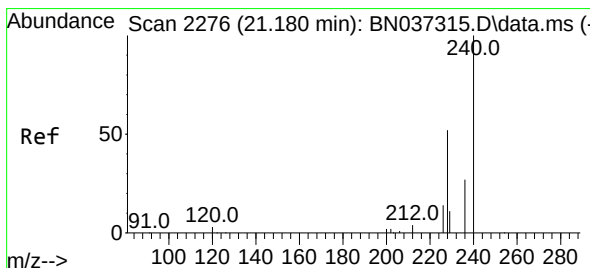
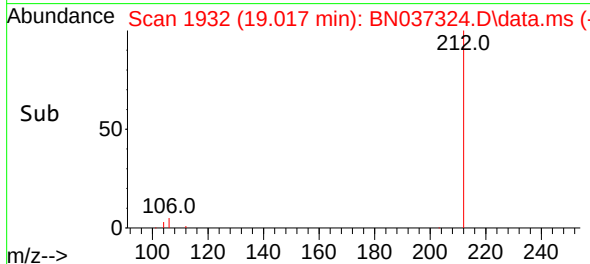
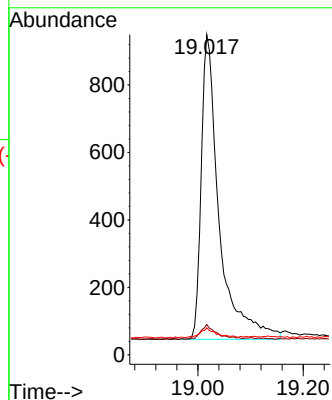
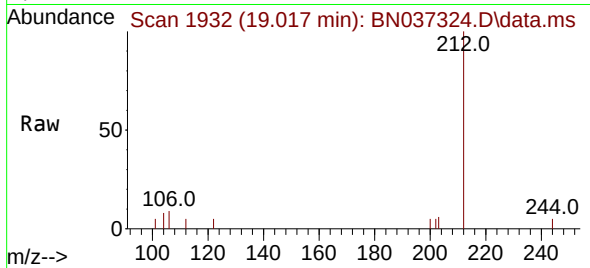




#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

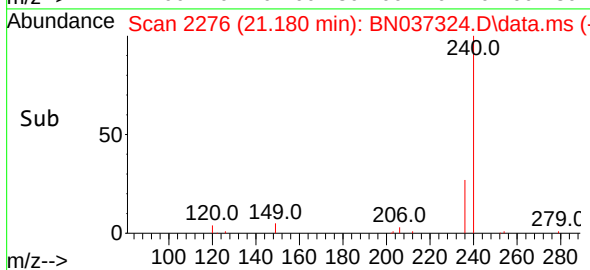
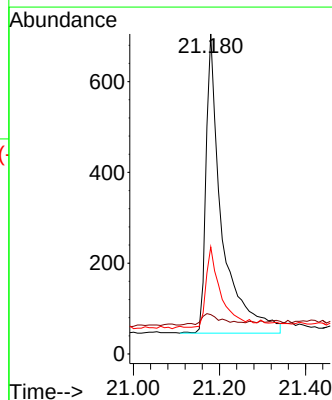
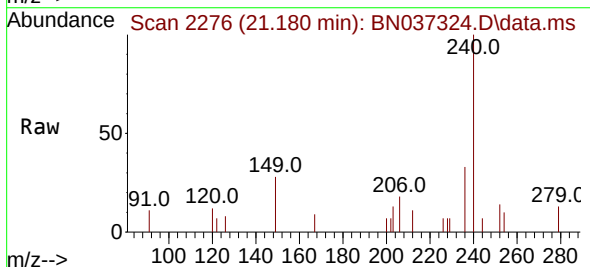
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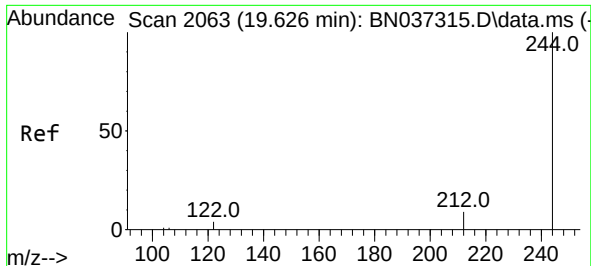
Tgt Ion:212 Resp: 2136
Ion Ratio Lower Upper
212 100
106 4.3 3.0 4.4
104 2.8 2.0 3.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN037324.D
Acq: 18 Jun 2025 22:02

Tgt Ion:240 Resp: 1687
Ion Ratio Lower Upper
240 100
120 12.3 7.5 11.3#
236 33.5 24.9 37.3

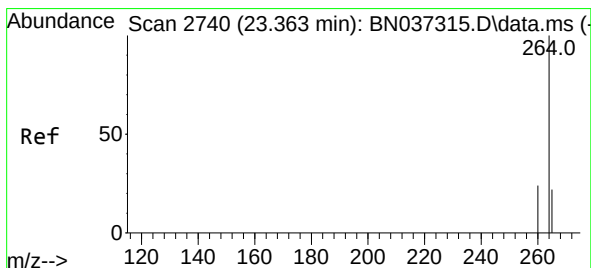
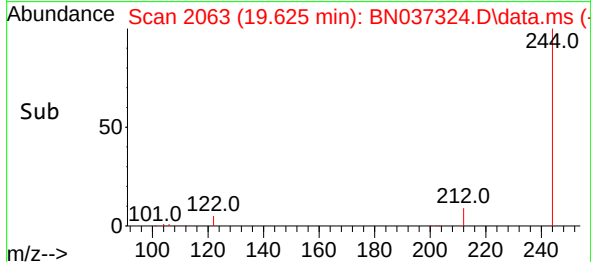
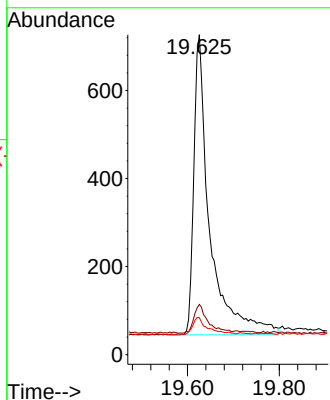
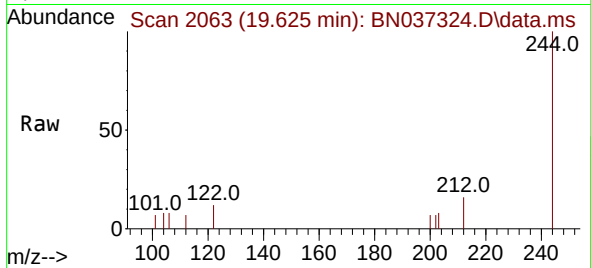




#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.625 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: BN037324.D
 Acq: 18 Jun 2025 22:02

Instrument :
 BNA_N
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Tgt Ion:244 Resp: 1639
 Ion Ratio Lower Upper
 244 100
 212 15.7 11.1 16.7
 122 11.6 7.2 10.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.366 min Scan# 2741
 Delta R.T. 0.003 min
 Lab File: BN037324.D
 Acq: 18 Jun 2025 22:02

Tgt Ion:264 Resp: 1359
 Ion Ratio Lower Upper
 264 100
 260 31.9 21.4 32.2
 265 150.9 71.4 107.0#

