

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037336.D
 Acq On : 19 Jun 2025 05:18
 Operator : RC/JU
 Sample : Q2329-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20250613

Quant Time: Jun 19 06:28:17 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)

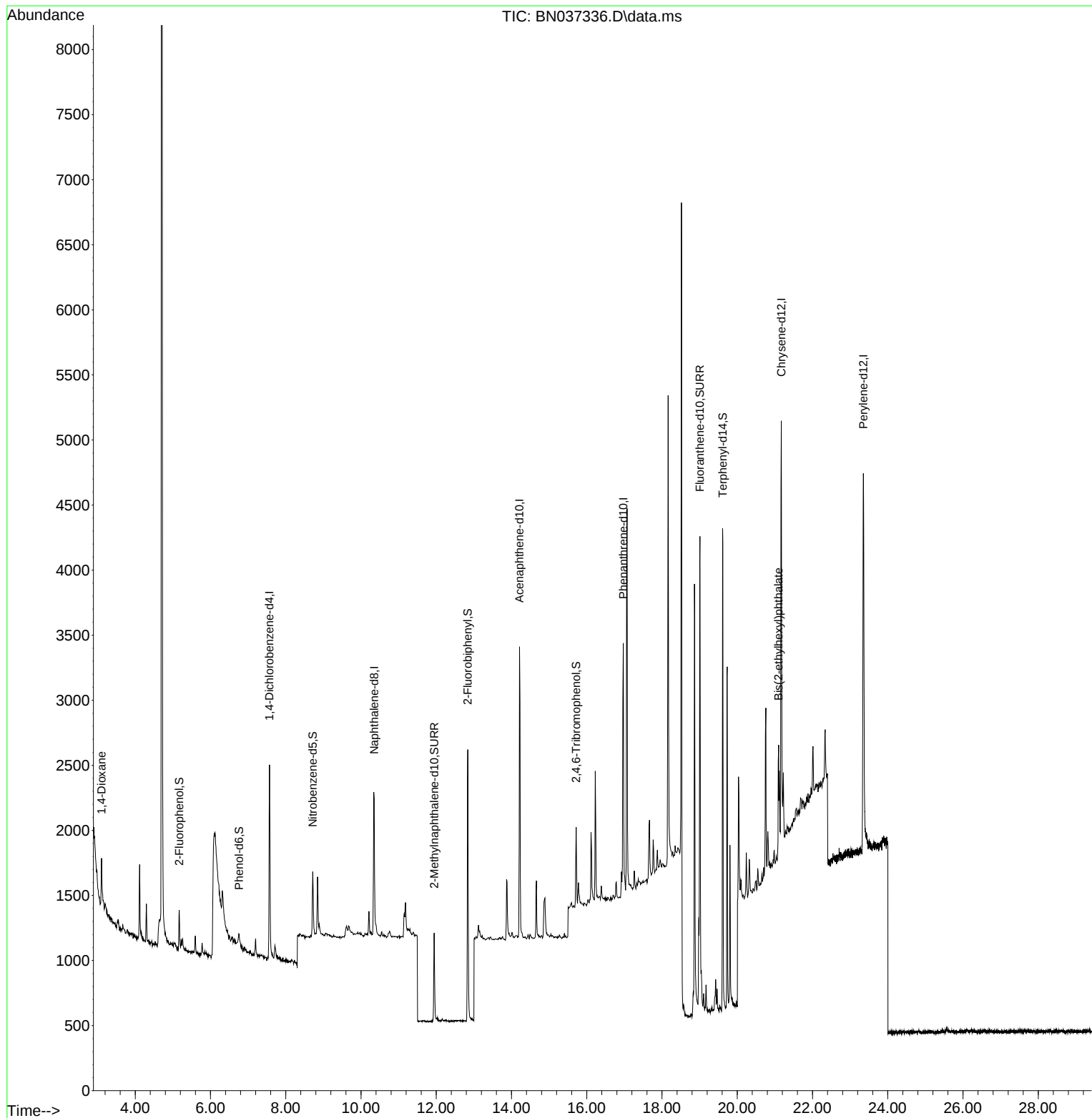
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	800	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1772	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	1339	0.400	ng	-0.01
19) Phenanthrene-d10	16.971	188	3031	0.400	ng	0.00
29) Chrysene-d12	21.171	240	3753	0.400	ng	# 0.00
35) Perylene-d12	23.351	264	4134	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	221	0.152	ng	0.00
5) Phenol-d6	6.759	99	120	0.084	ng	0.00
8) Nitrobenzene-d5	8.717	82	500	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	11.945	152	999	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	404	0.409	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	1961	0.334	ng	0.00
27) Fluoranthene-d10	19.008	212	4717	0.491	ng	0.00
31) Terphenyl-d14	19.616	244	3810	0.442	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	373	0.522	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.099	149	945	0.191	ng	# 76

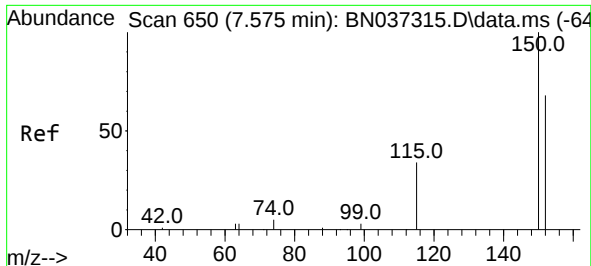
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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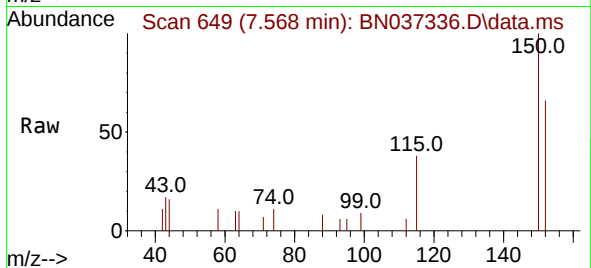
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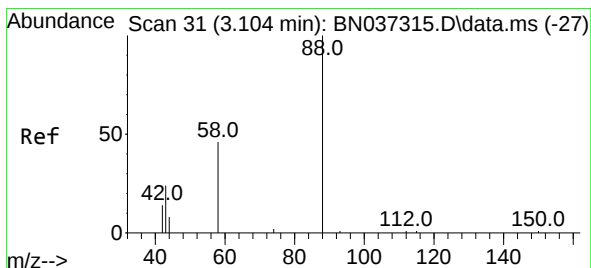
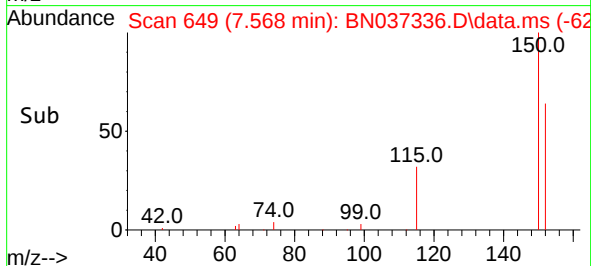
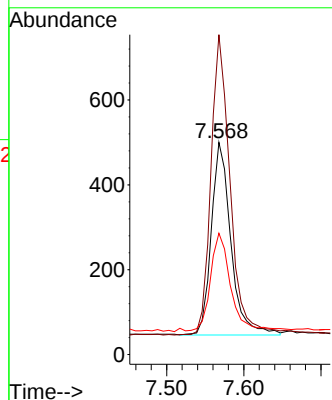
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN037336.D
 Acq: 19 Jun 2025 05:18

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20250613



Tgt Ion:152 Resp: 800

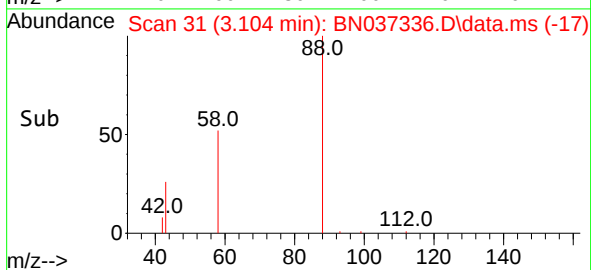
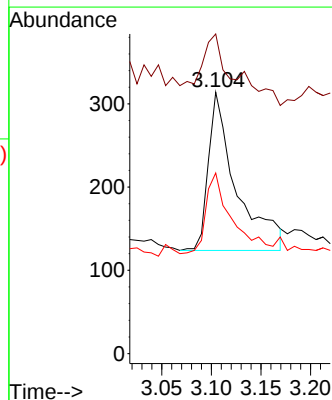
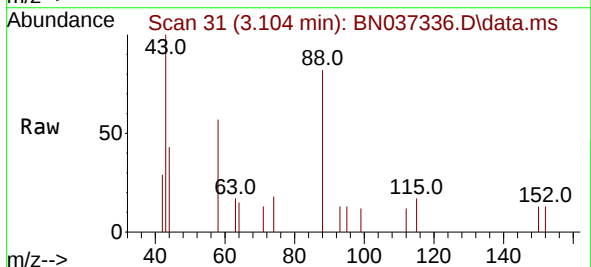
Ion	Ratio	Lower	Upper
152	100		
150	150.8	112.7	169.1
115	57.2	45.9	68.9

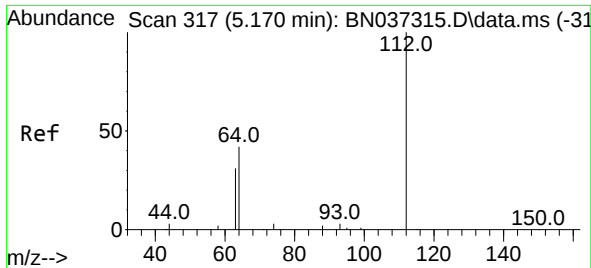


#2
 1,4-Dioxane
 Concen: 0.522 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037336.D
 Acq: 19 Jun 2025 05:18

Tgt Ion: 88 Resp: 373

Ion	Ratio	Lower	Upper
88	100		
43	50.7	21.0	31.6#
58	48.5	38.0	57.0



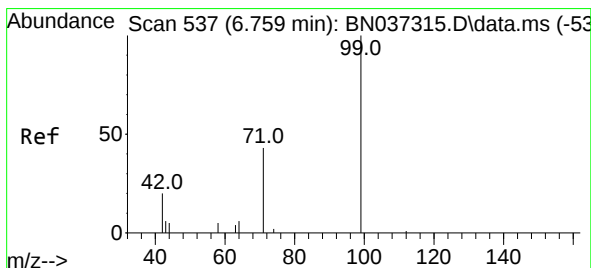
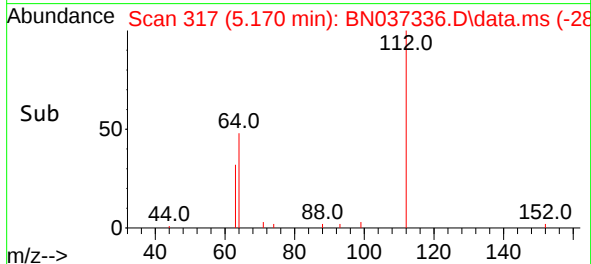
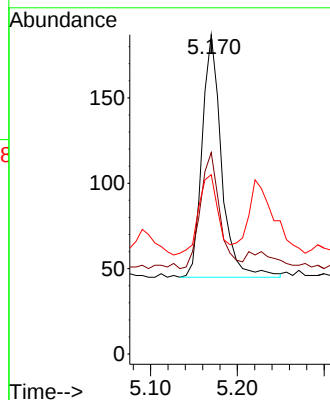
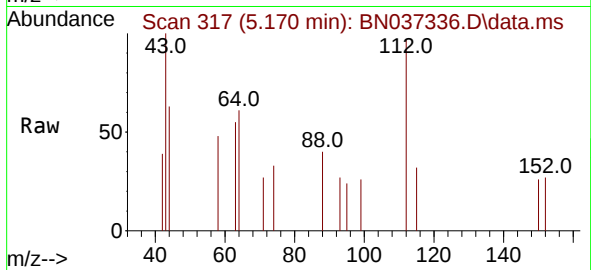


#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Instrument :
BNA_N
ClientSampleId :
TT163S1-20250613

Tgt Ion:112 Resp: 221

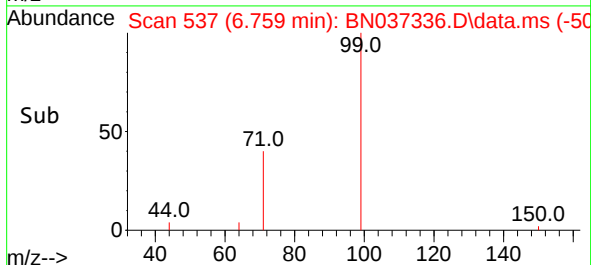
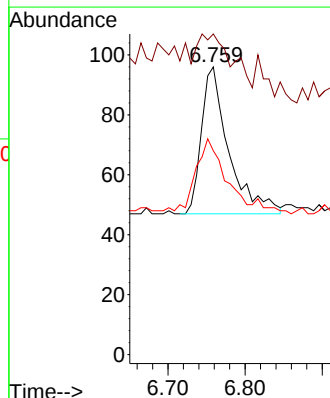
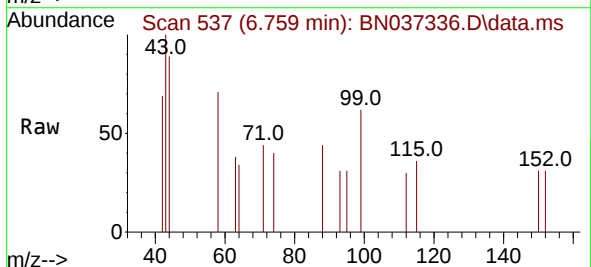
Ion	Ratio	Lower	Upper
112	100		
64	48.9	38.7	58.1
63	33.5	26.4	39.6

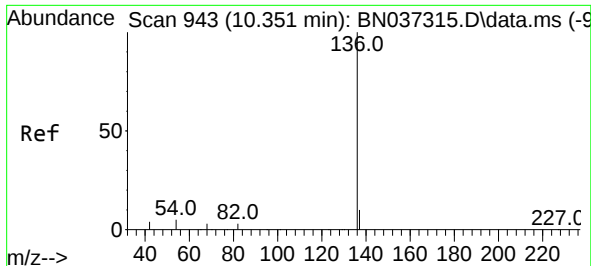


#5
Phenol-d6
Concen: 0.084 ng
RT: 6.759 min Scan# 537
Delta R.T. -0.000 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Tgt Ion: 99 Resp: 120

Ion	Ratio	Lower	Upper
99	100		
42	46.7	19.8	29.8
71	50.8	42.6	64.0

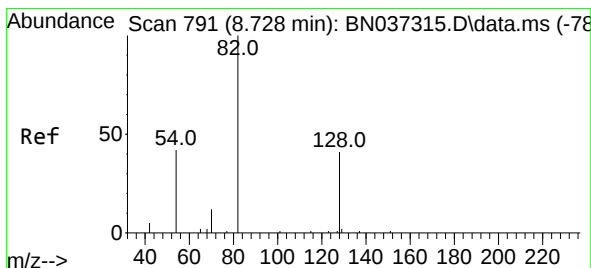
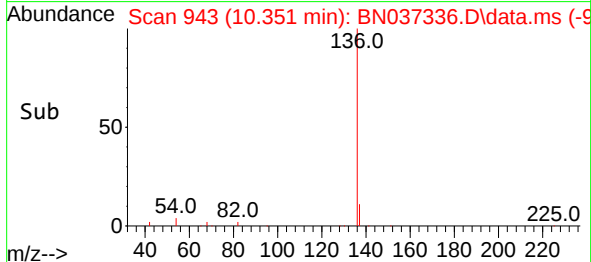
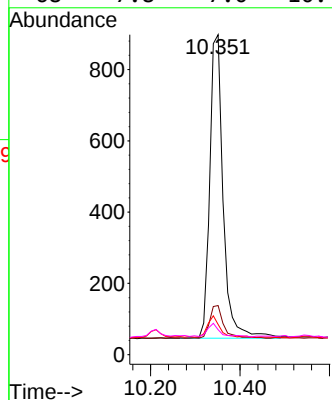
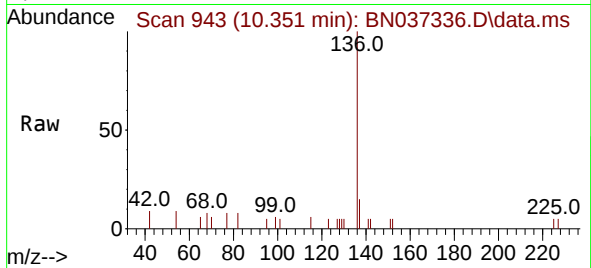




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

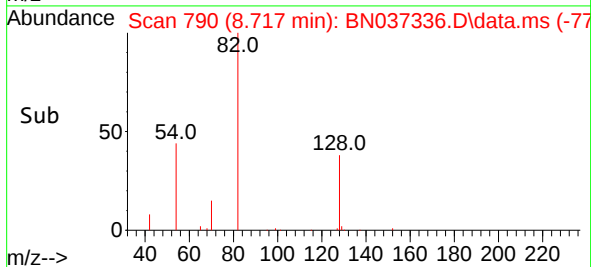
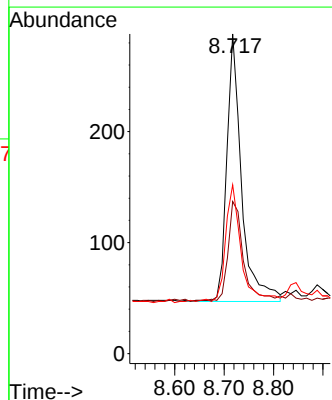
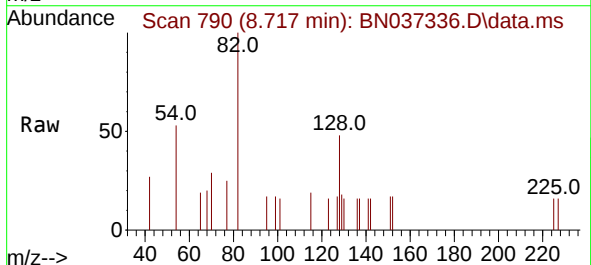
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250613

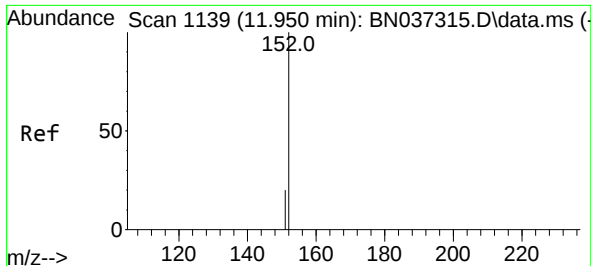
Tgt Ion:	136	Resp:	1772
Ion	Ratio	Lower	Upper
136	100		
137	15.4	12.2	18.2
54	9.5	8.8	13.2
68	7.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.011 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

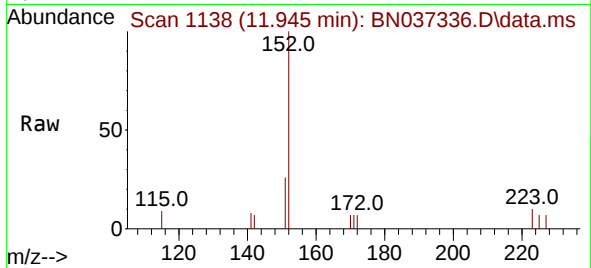
Tgt Ion:	82	Resp:	500
Ion	Ratio	Lower	Upper
82	100		
128	47.6	42.5	63.7
54	52.8	43.2	64.8



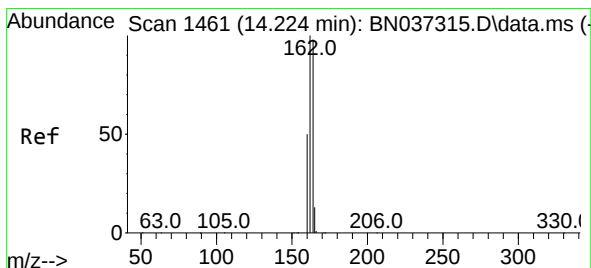
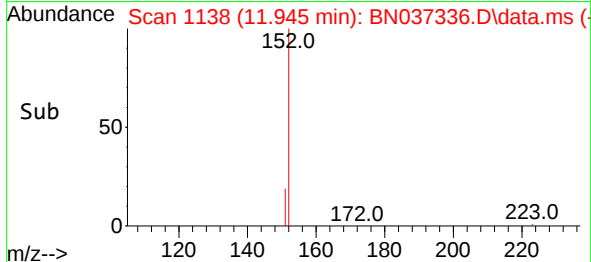
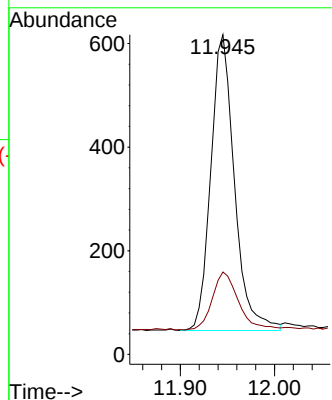


#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.945 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Instrument :
BNA_N
ClientSampleId :
TT163S1-20250613

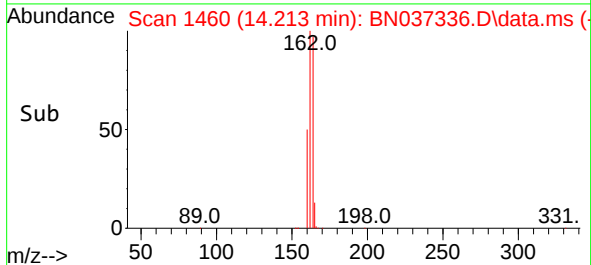
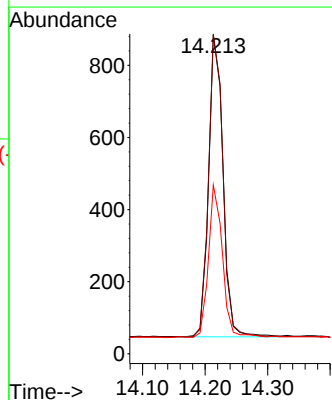
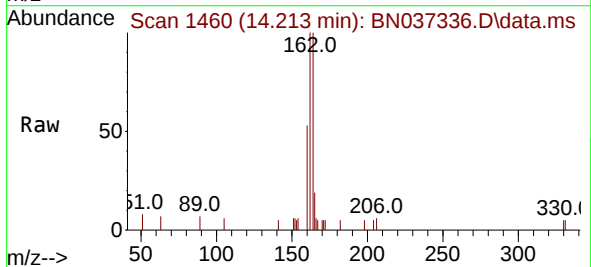


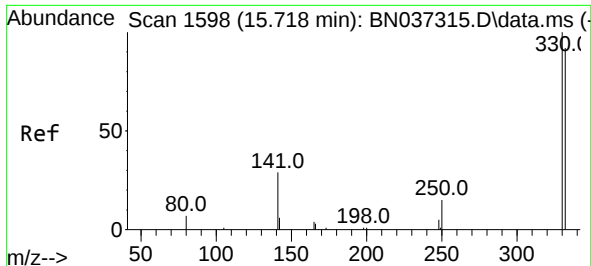
Tgt Ion:152 Resp: 999
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.011 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Tgt Ion:164 Resp: 1339
Ion Ratio Lower Upper
164 100
162 100.3 81.5 122.3
160 52.9 43.0 64.4

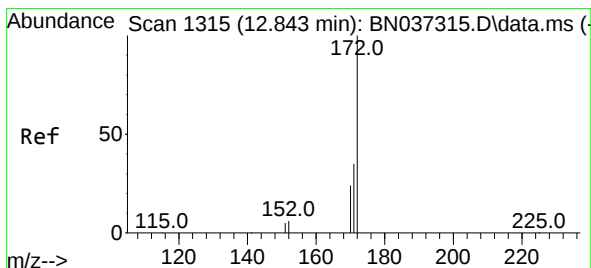
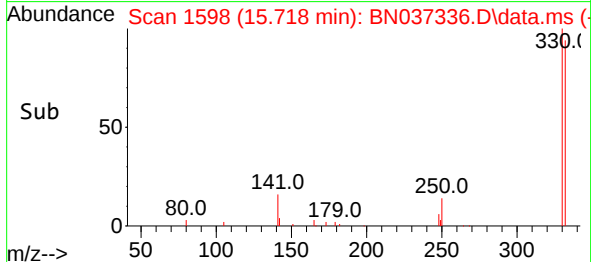
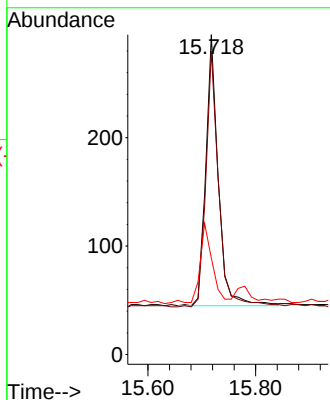
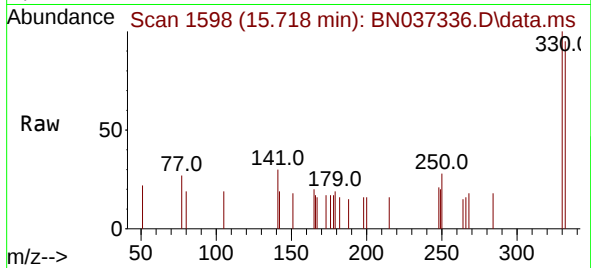




#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

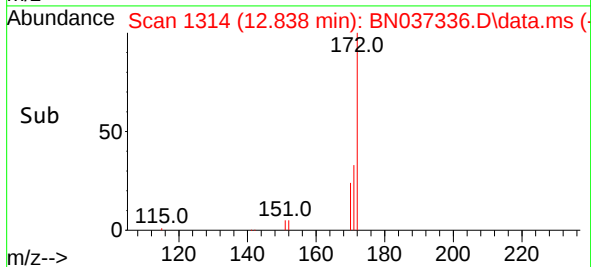
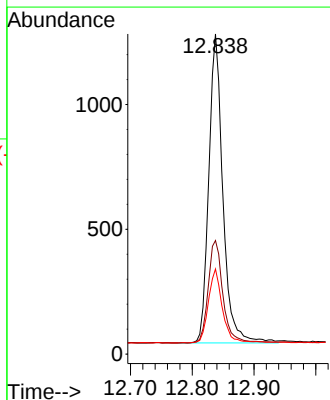
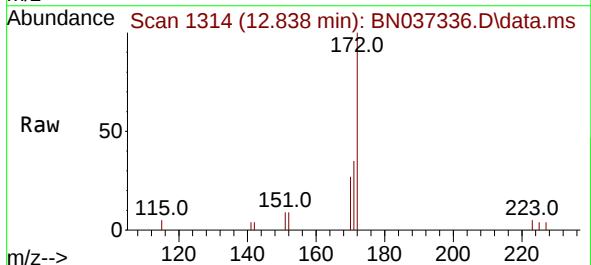
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250613

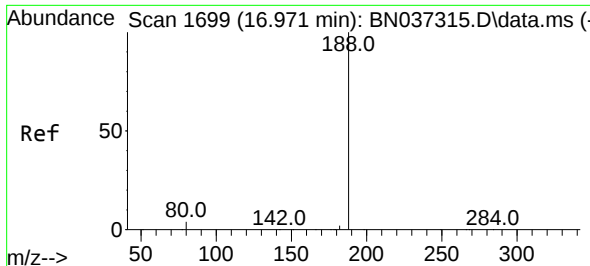
Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 96.3 78.4 117.6
141 29.2 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.838 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Tgt Ion:172 Resp: 1961
Ion Ratio Lower Upper
172 100
171 35.5 30.8 46.2
170 26.6 21.9 32.9

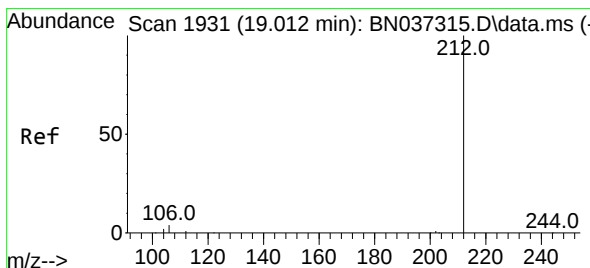
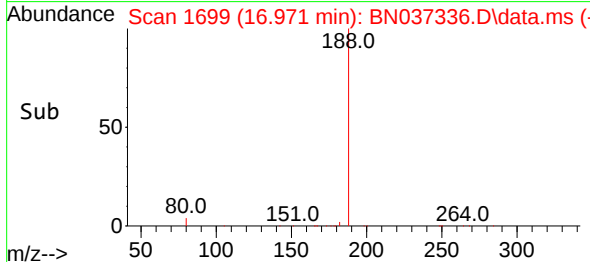
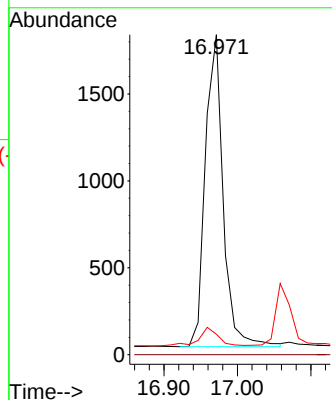
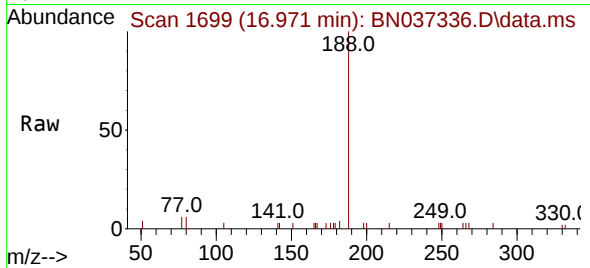




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

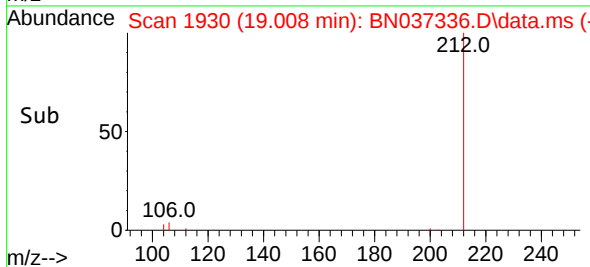
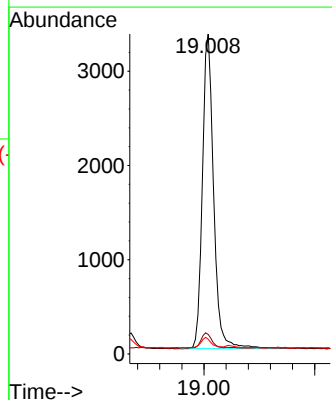
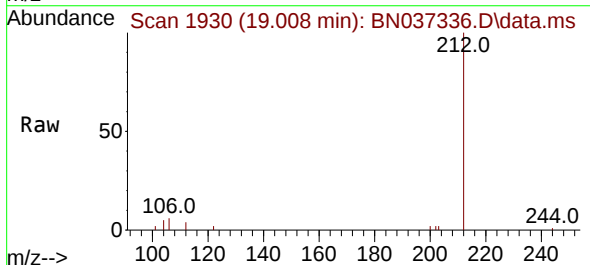
Instrument :
BNA_N
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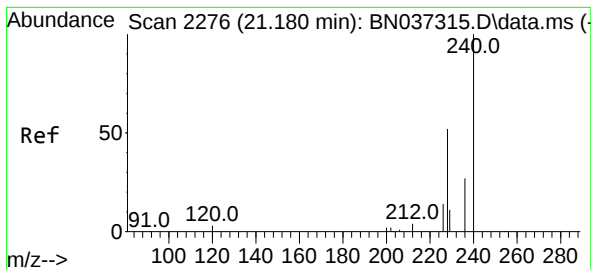
Tgt Ion:188 Resp: 3031
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 6.2 9.2



#27
Fluoranthene-d10
Concen: 0.491 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Tgt Ion:212 Resp: 4717
Ion Ratio Lower Upper
212 100
106 4.7 3.0 4.4#
104 3.3 2.0 3.0#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037336.D

Acq: 19 Jun 2025 05:18

Instrument :

BNA_N

ClientSampleId :

TT163S1-20250613

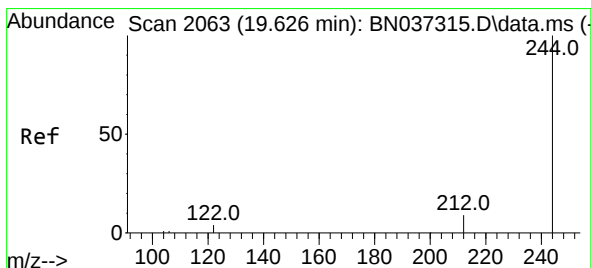
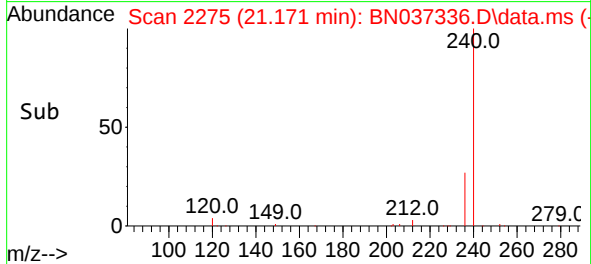
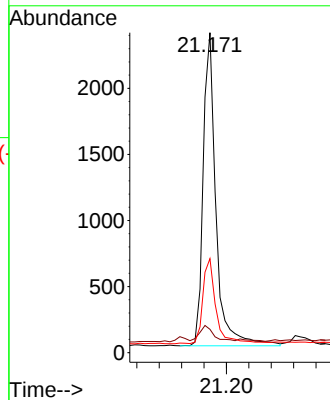
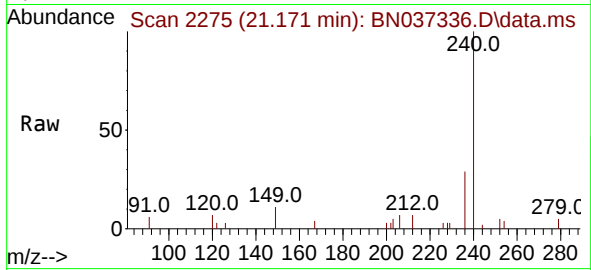
Tgt Ion:240 Resp: 3753

Ion Ratio Lower Upper

240 100

120 7.3 7.5 11.3#

236 29.4 24.9 37.3



#31

Terphenyl-d14

Concen: 0.442 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BN037336.D

Acq: 19 Jun 2025 05:18

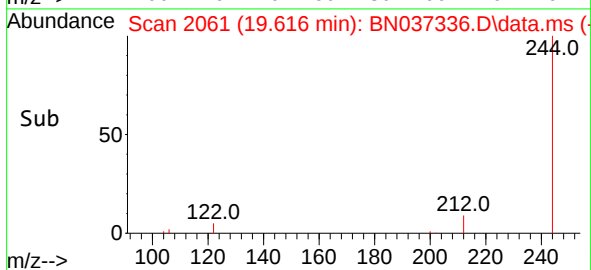
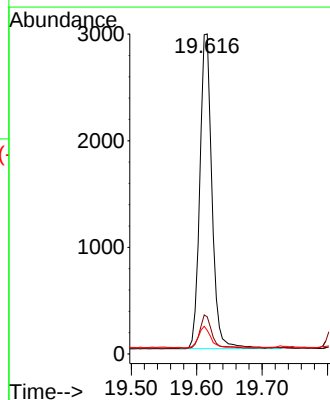
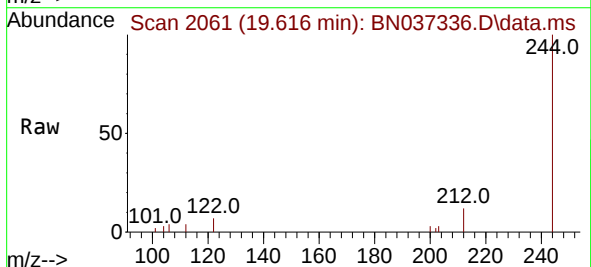
Tgt Ion:244 Resp: 3810

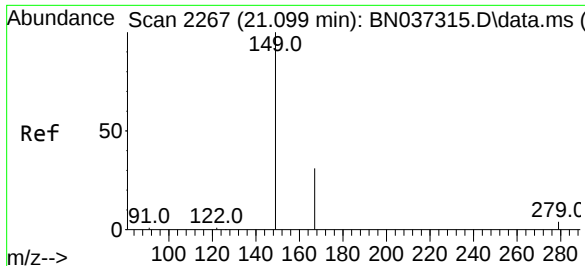
Ion Ratio Lower Upper

244 100

212 11.6 11.1 16.7

122 7.3 7.2 10.8

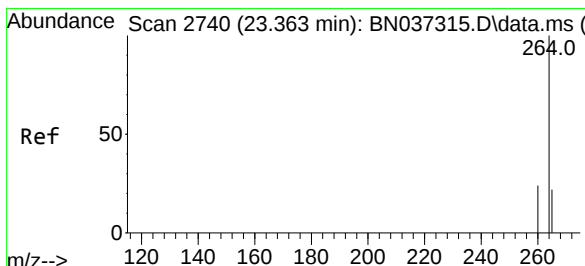
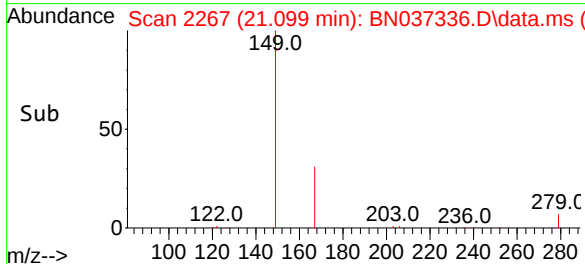
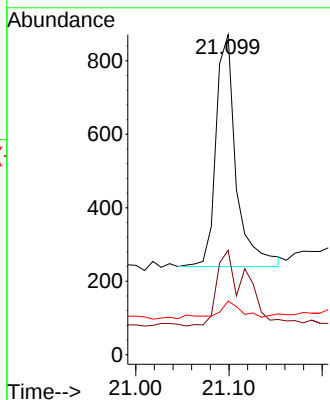
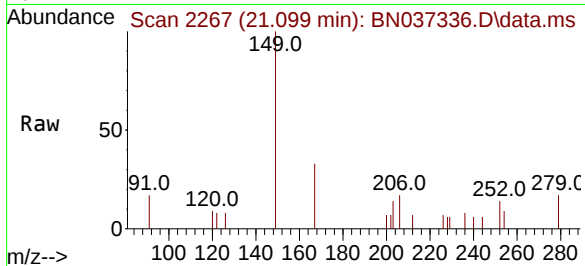




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.099 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Instrument :
BNA_N
ClientSampleId :
TT163S1-20250613

Tgt Ion:149 Resp: 945
Ion Ratio Lower Upper
149 100
167 46.7 24.6 37.0#
279 9.2 6.5 9.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.351 min Scan# 2736
Delta R.T. -0.012 min
Lab File: BN037336.D
Acq: 19 Jun 2025 05:18

Tgt Ion:264 Resp: 4134
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 71.3 71.4 107.0#

