

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038332.D
 Acq On : 12 Dec 2025 01:13
 Operator : RC/JU
 Sample : Q3756-03DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225DL

Quant Time: Dec 12 04:16:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

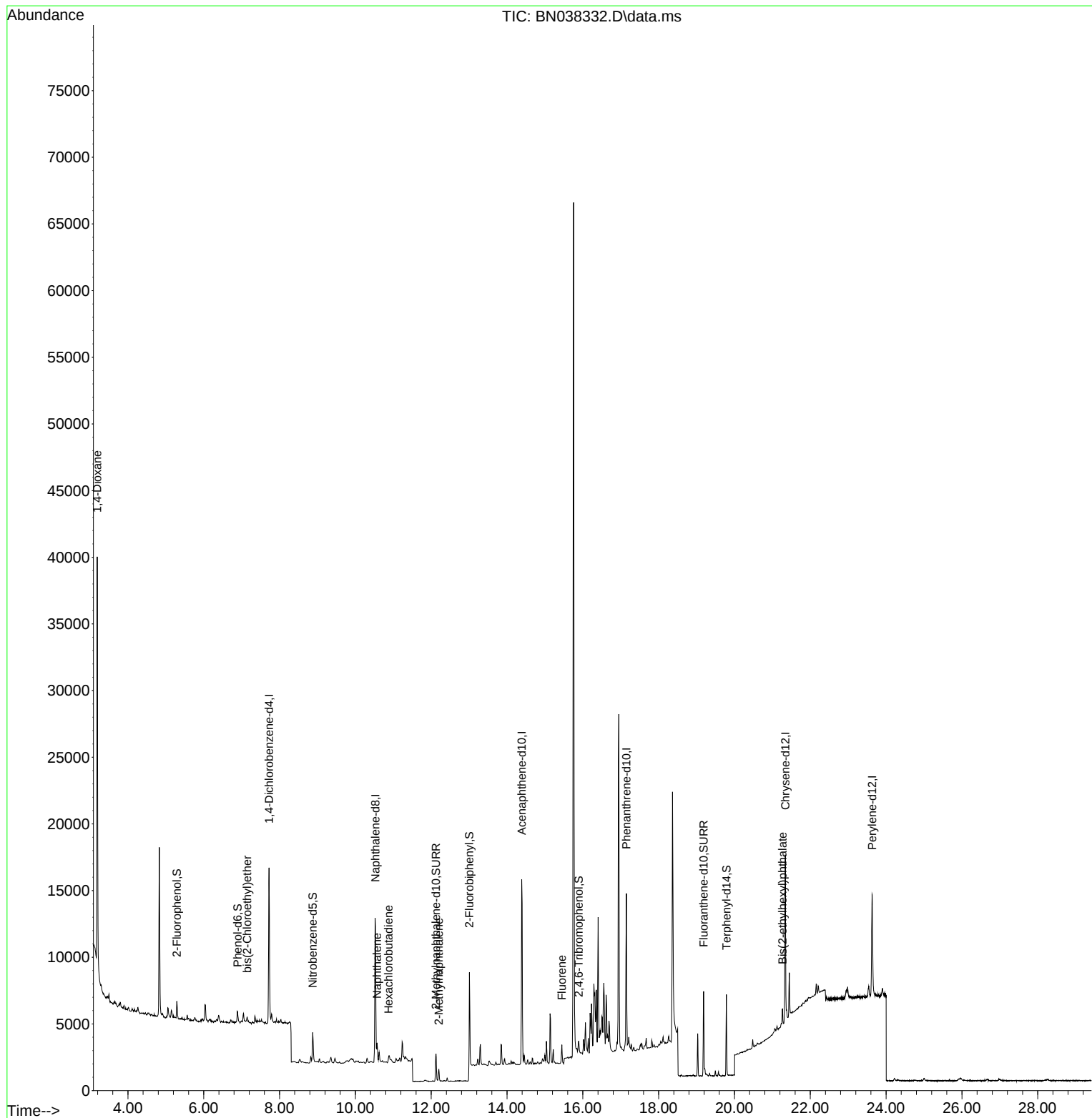
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.724	152	5762	0.400 ng	0.00
7) Naphthalene-d8	10.530	136	15461	0.400 ng	0.00
13) Acenaphthene-d10	14.388	164	8101	0.400 ng	-0.01
19) Phenanthrene-d10	17.149	188	15232	0.400 ng	0.00
29) Chrysene-d12	21.340	240	11067	0.400 ng	0.00
35) Perylene-d12	23.630	264	11044	0.400 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.290	112	1060	0.074 ng	0.00
5) Phenol-d6	6.894	99	813	0.048 ng	0.00
8) Nitrobenzene-d5	8.875	82	1988	0.152 ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	2870	0.132 ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	618	0.172 ng	0.00
15) 2-Fluorobiphenyl	13.008	172	5793	0.148 ng	0.00
27) Fluoranthene-d10	19.187	212	6697	0.178 ng	0.00
31) Terphenyl-d14	19.787	244	5373	0.218 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.189	88	17328	2.623 ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.147	93	345	0.021 ng	94
9) Naphthalene	10.573	128	1798	0.039 ng	# 88
10) Hexachlorobutadiene	10.872	225	181	0.022 ng	# 96
12) 2-Methylnaphthalene	12.202	142	644	0.022 ng	# 83
18) Fluorene	15.446	166	831	0.023 ng	99
34) Bis(2-ethylhexyl)phtha...	21.268	149	1375	0.059 ng	# 98

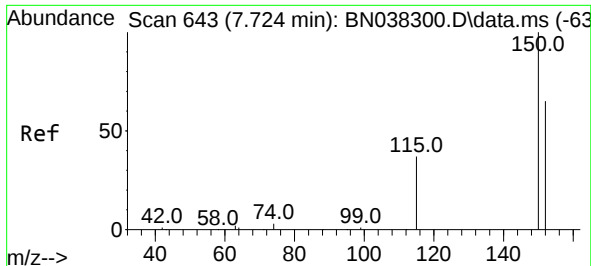
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038332.D
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Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
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BR-01-190-120225DL

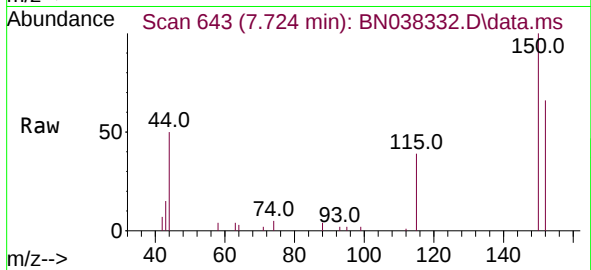
Quant Time: Dec 12 04:16:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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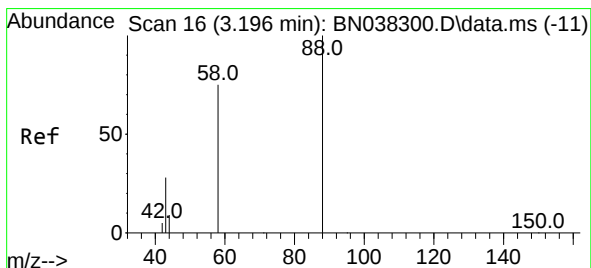
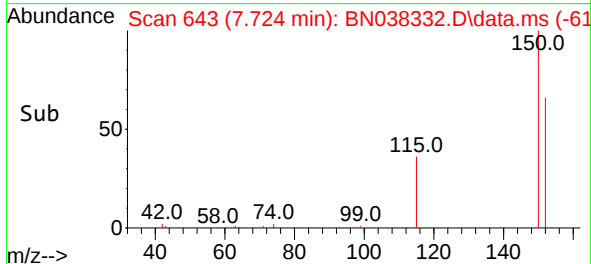
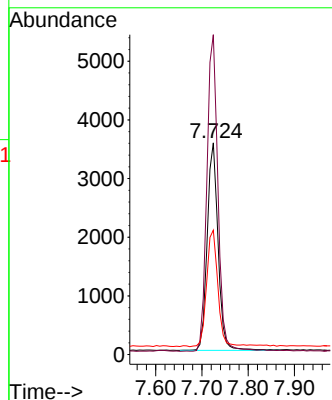
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038332.D
 Acq: 12 Dec 2025 01:13

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225DL



Tgt Ion:152 Resp: 5762

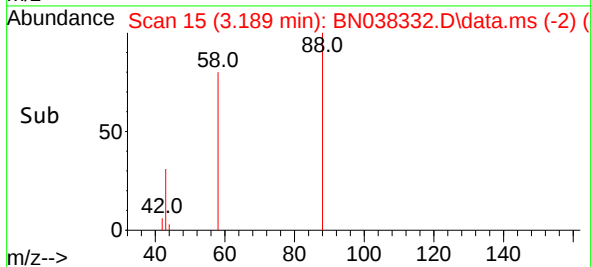
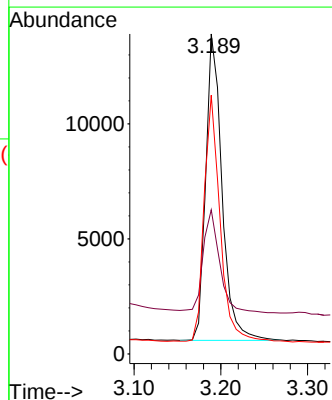
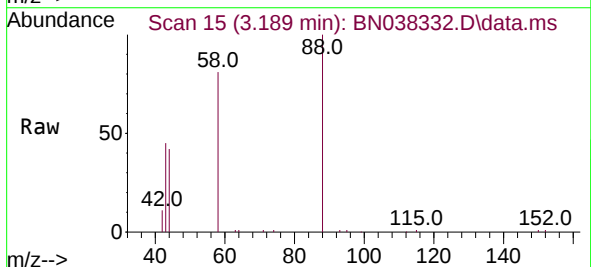
Ion	Ratio	Lower	Upper
152	100		
150	151.1	122.4	183.6
115	58.7	47.3	70.9

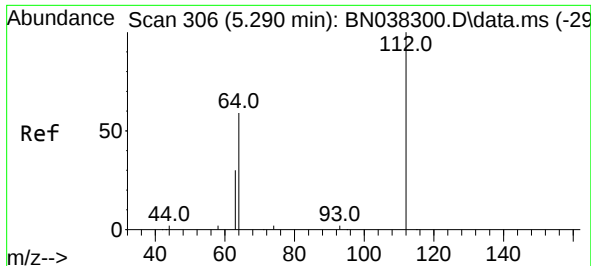


#2
 1,4-Dioxane
 Concen: 2.623 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038332.D
 Acq: 12 Dec 2025 01:13

Tgt Ion: 88 Resp: 17328

Ion	Ratio	Lower	Upper
88	100		
43	34.8	24.9	37.3
58	78.0	61.4	92.0

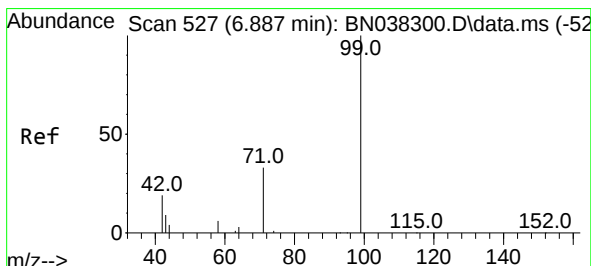
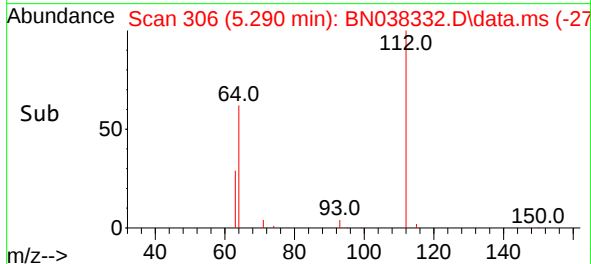
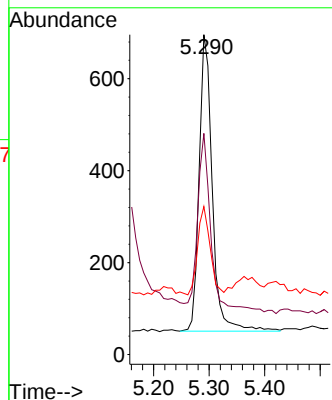
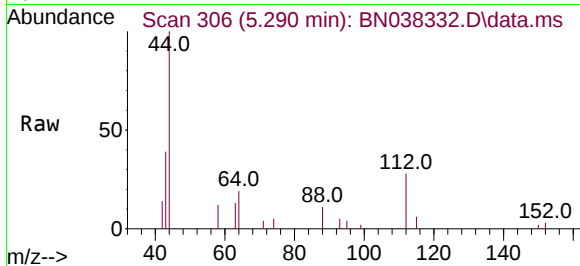




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

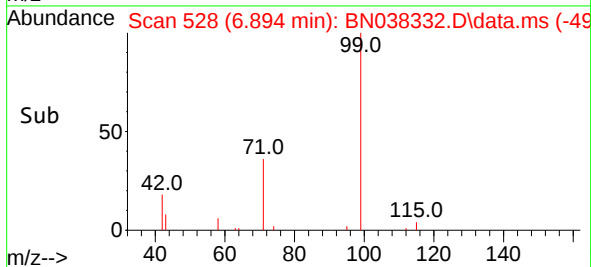
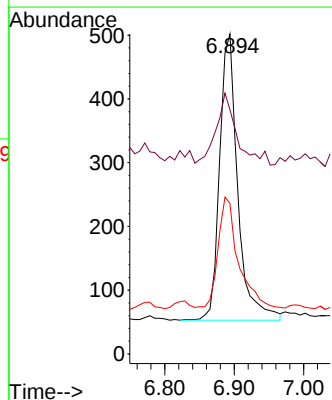
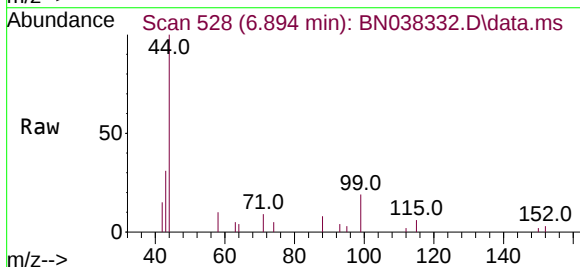
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

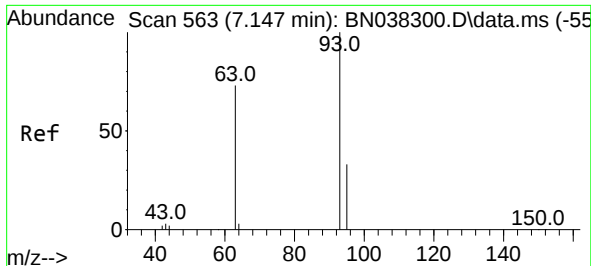
Tgt Ion:112 Resp: 1060
Ion Ratio Lower Upper
112 100
64 65.1 44.4 66.6
63 28.0 23.4 35.0



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion: 99 Resp: 813
Ion Ratio Lower Upper
99 100
42 28.5 16.5 24.7#
71 44.6 24.9 37.3#

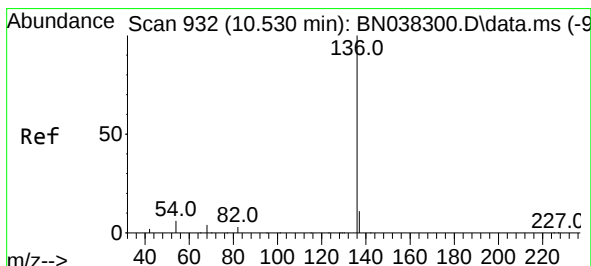
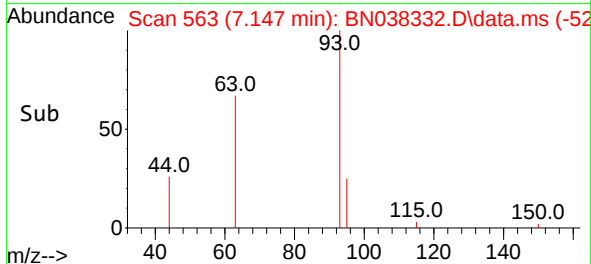
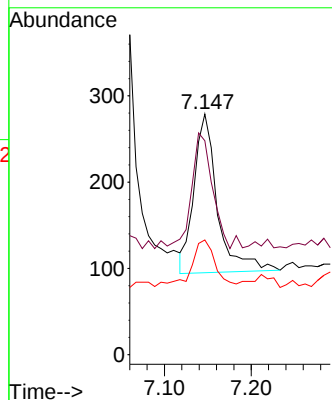
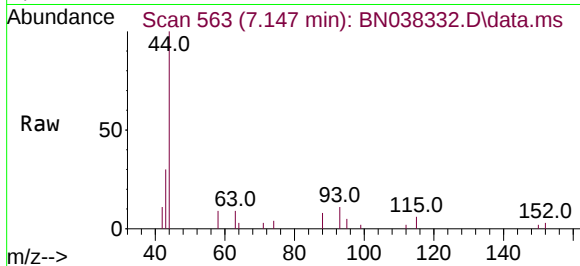




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.147 min Scan# 563
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

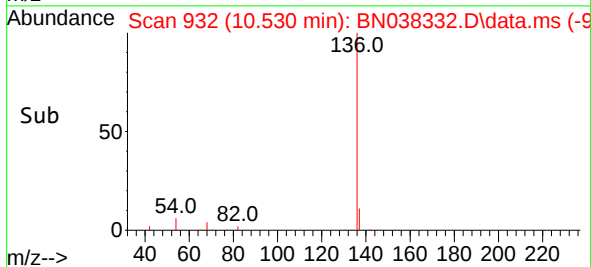
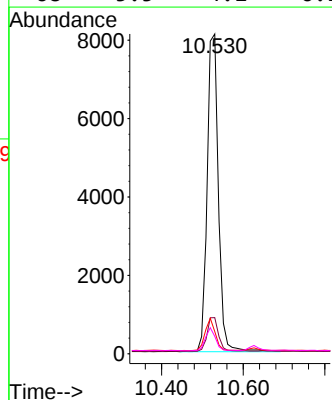
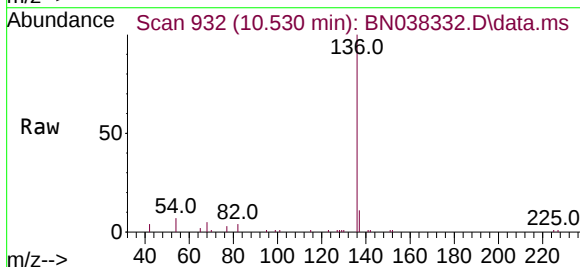
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

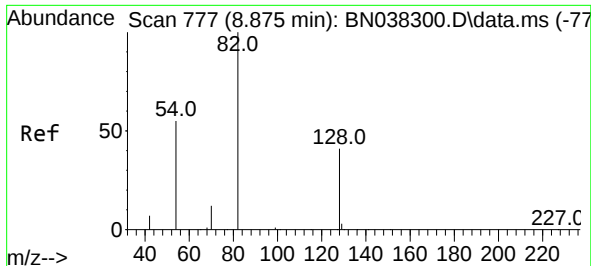
Tgt Ion: 93	Resp:	345	
Ion	Ratio	Lower	Upper
93	100		
63	68.1	59.2	88.8
95	29.6	25.2	37.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt	Ion:136	Resp:	15461
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	5.2	7.8
68	5.5	4.1	6.1

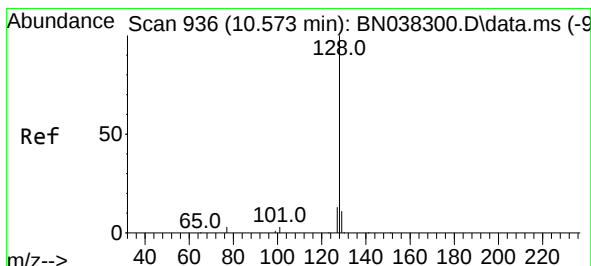
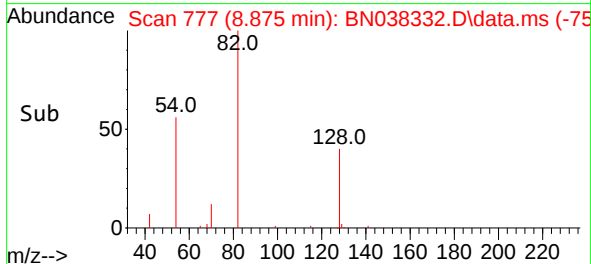
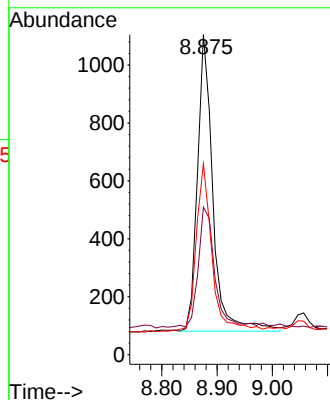
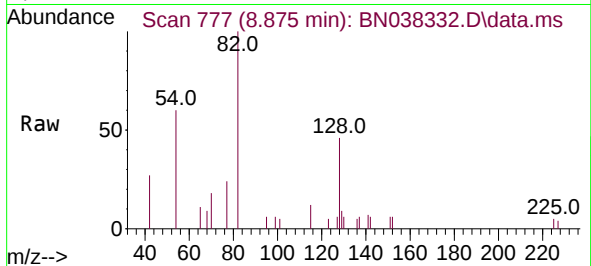




#8
Nitrobenzene-d5
Concen: 0.152 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

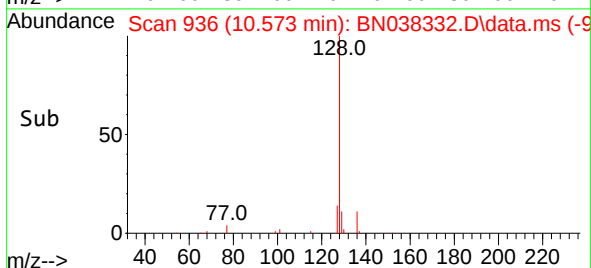
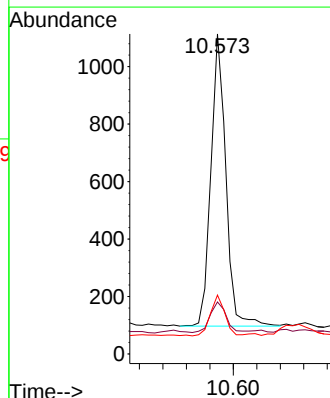
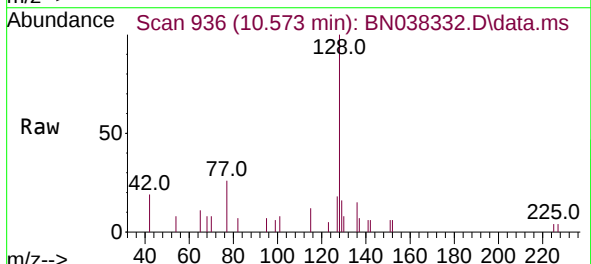
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

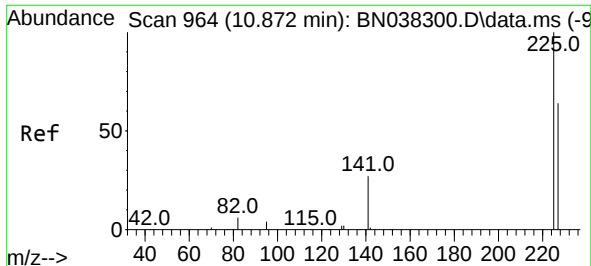
Tgt Ion:	82	Resp:	1988
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	59.6	44.4	66.6



#9
Naphthalene
Concen: 0.039 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:	128	Resp:	1798
Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.1	13.7#
127	18.4	10.9	16.3#

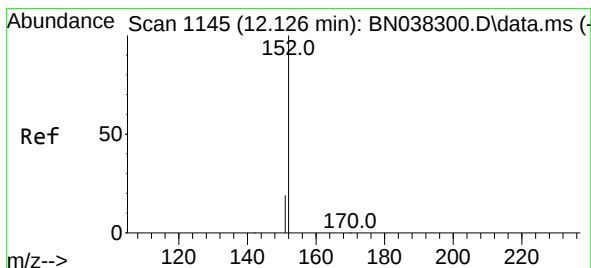
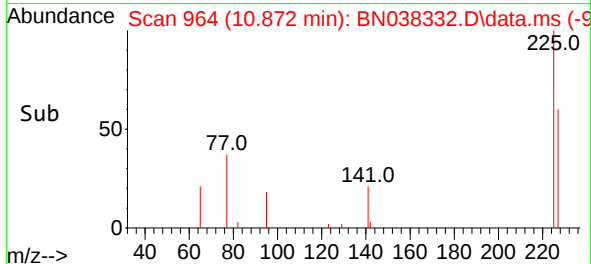
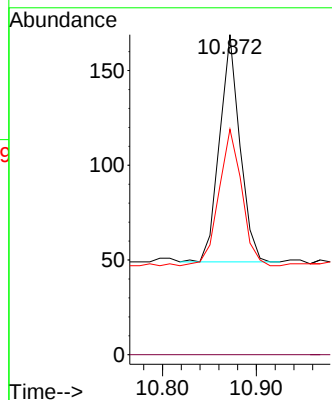
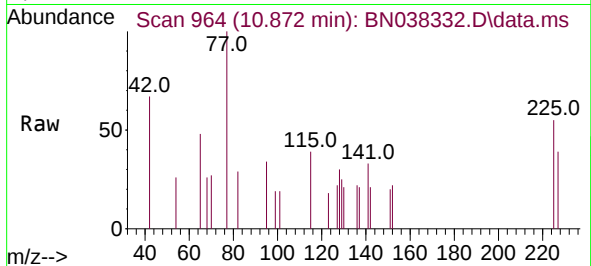




#10
Hexachlorobutadiene
Concen: 0.022 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

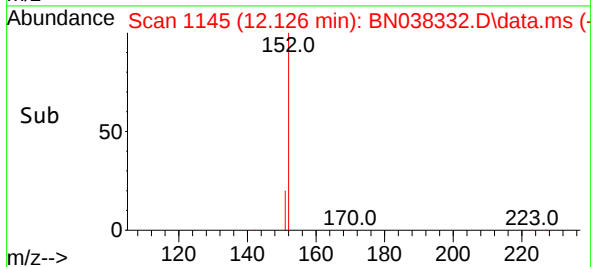
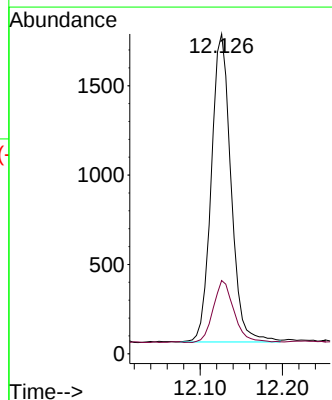
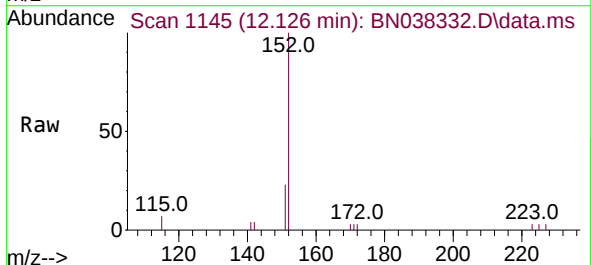
Instrument :
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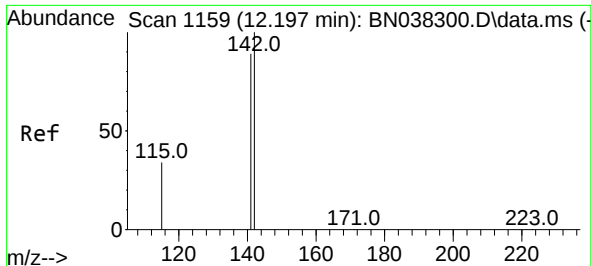
Tgt Ion:225	Resp:	181
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0
227	67.4	51.2



#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:152	Resp:	2870
Ion Ratio	Lower	Upper
152	100	
151	21.2	17.0

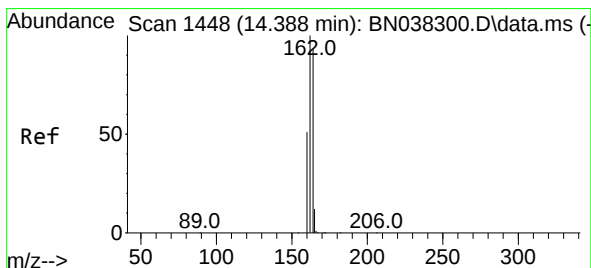
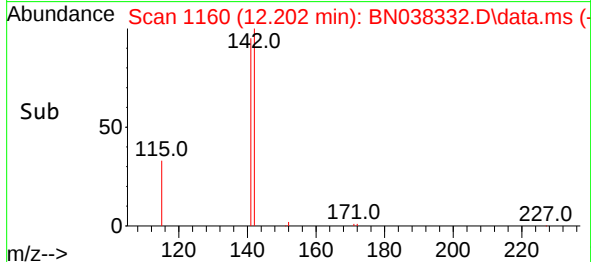
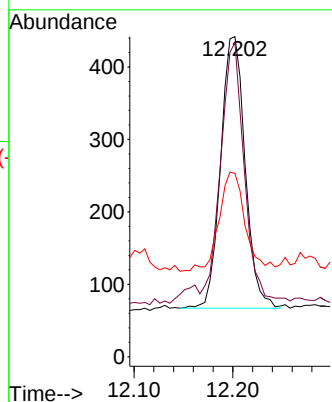
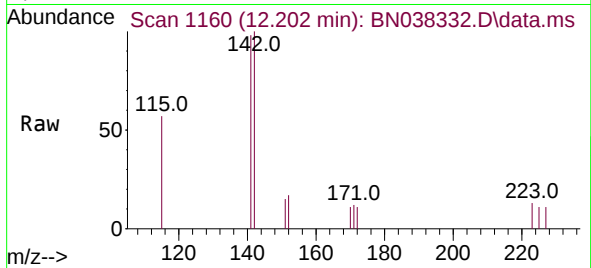




#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.202 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

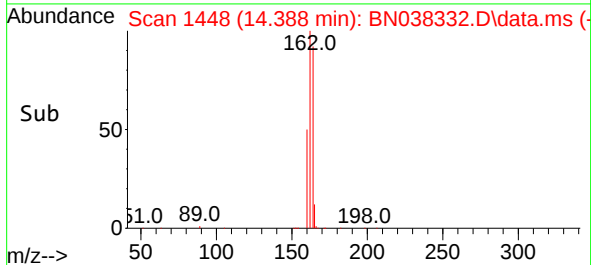
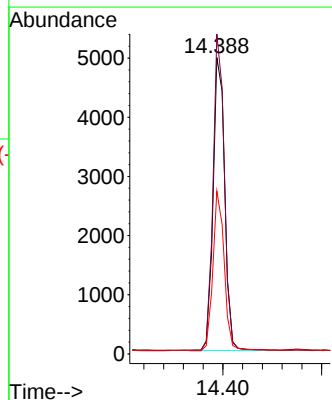
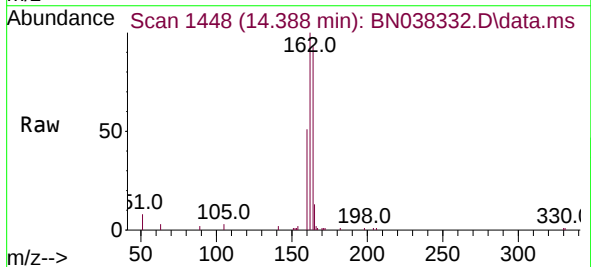
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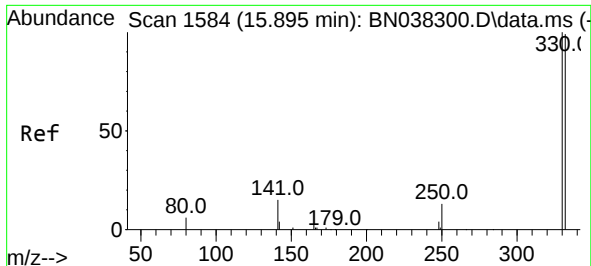
Tgt Ion:142 Resp: 644
Ion Ratio Lower Upper
142 100
141 98.2 71.4 107.2
115 57.2 28.4 42.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:164 Resp: 8101
Ion Ratio Lower Upper
164 100
162 107.9 86.2 129.4
160 54.9 44.6 67.0

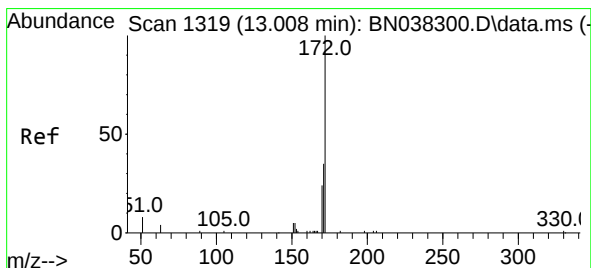
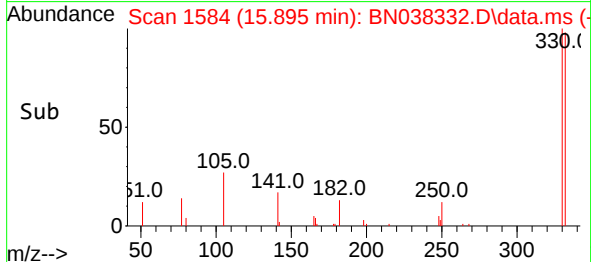
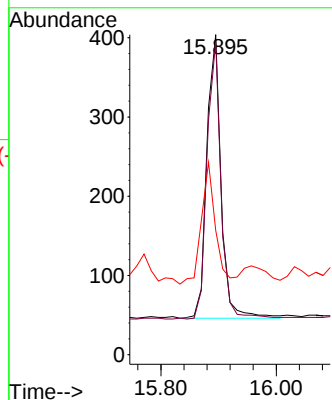
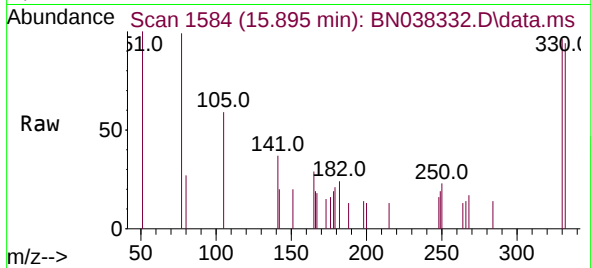




#14
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

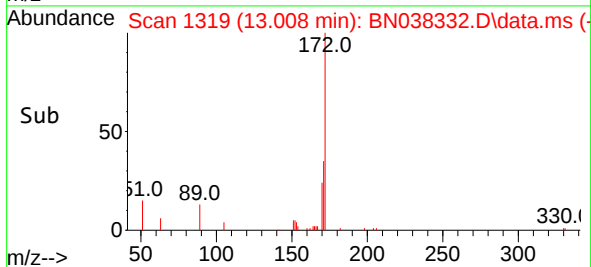
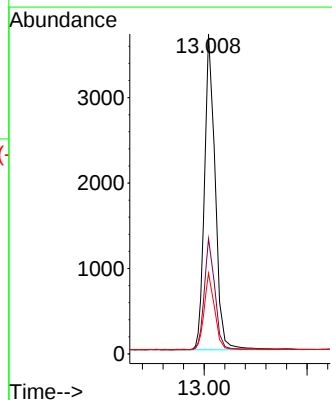
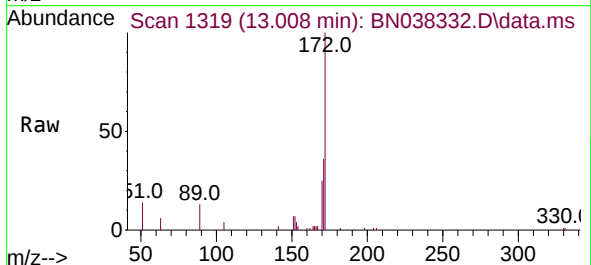
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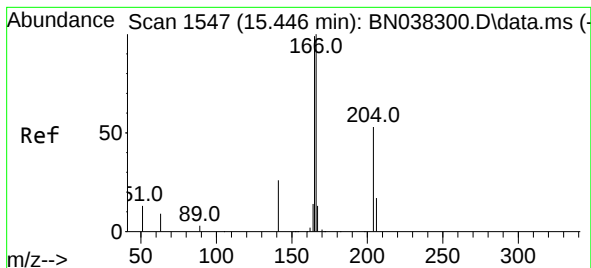
Tgt Ion:330 Resp: 618
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.6
141 41.4 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.148 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:172 Resp: 5793
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 25.3 19.3 28.9





#18

Fluorene

Concen: 0.023 ng

RT: 15.446 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BN038332.D

Acq: 12 Dec 2025 01:13

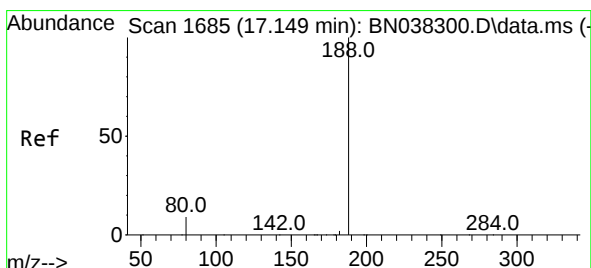
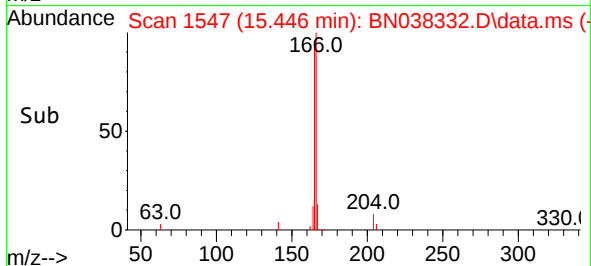
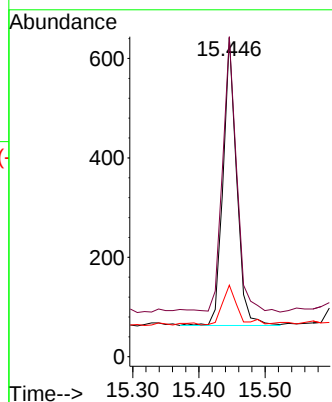
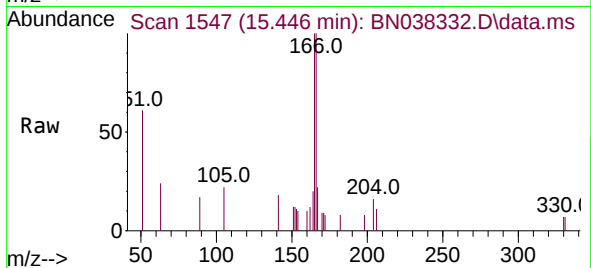
Instrument :

BNA_N

ClientSampleId :

BR-01-190-120225DL

Tgt Ion:	166	Resp:	831
Ion Ratio	Lower	Upper	
166	100		
165	99.3	80.2	120.4
167	15.3	10.6	16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

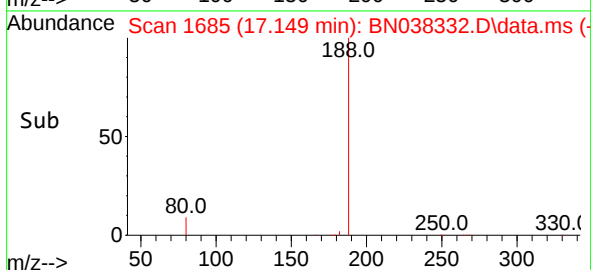
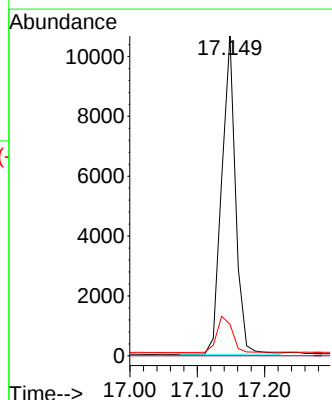
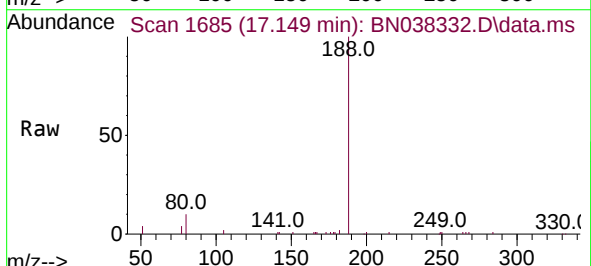
RT: 17.149 min Scan# 1685

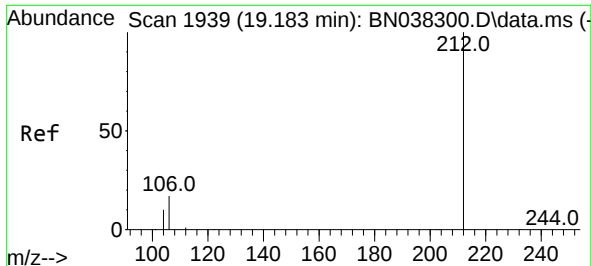
Delta R.T. 0.000 min

Lab File: BN038332.D

Acq: 12 Dec 2025 01:13

Tgt Ion:	188	Resp:	15232
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.9	7.4	11.0

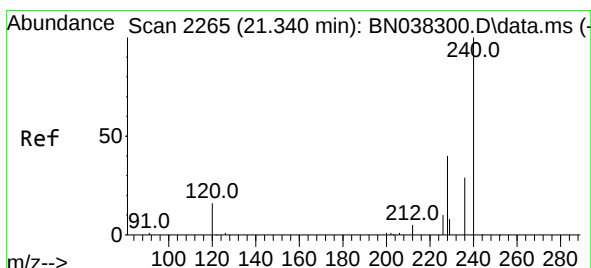
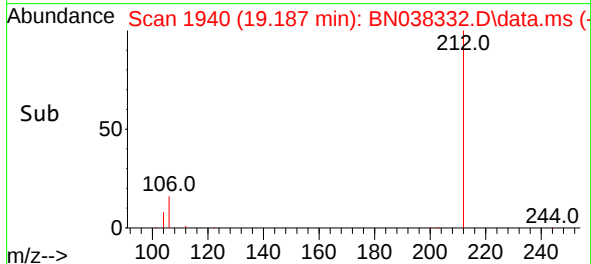
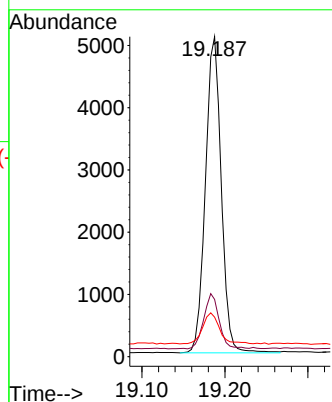
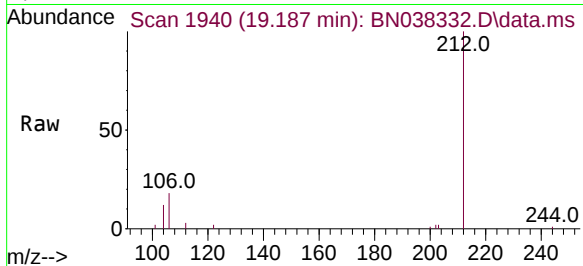




#27
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.187 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

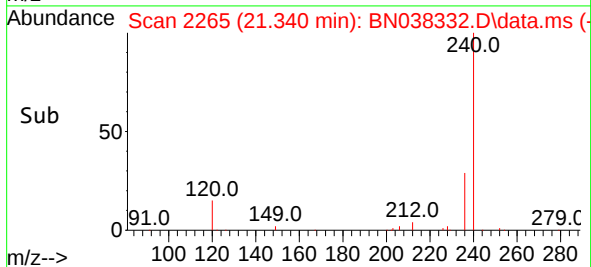
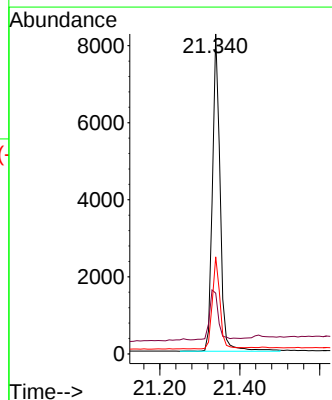
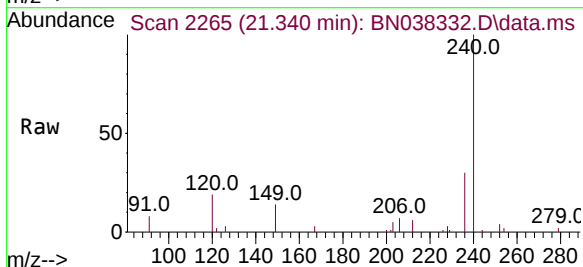
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL

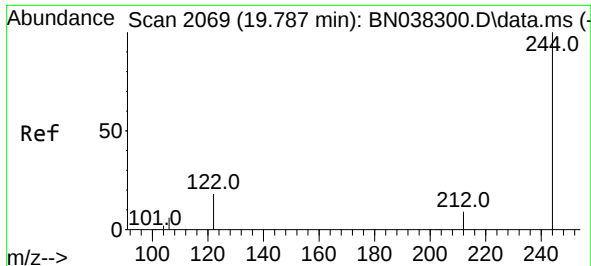
Tgt Ion:212 Resp: 6697
Ion Ratio Lower Upper
212 100
106 16.9 13.7 20.5
104 10.4 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Tgt Ion:240 Resp: 11067
Ion Ratio Lower Upper
240 100
120 19.0 15.4 23.2
236 30.3 23.9 35.9

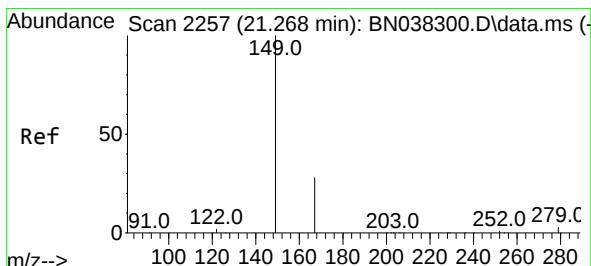
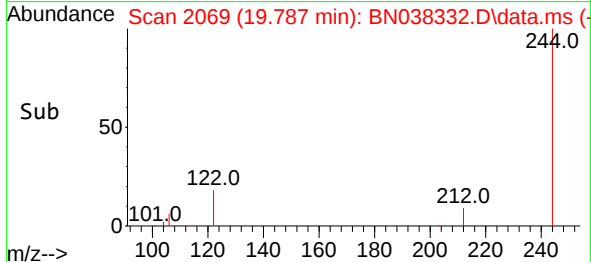
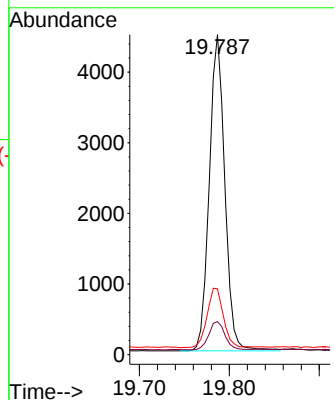
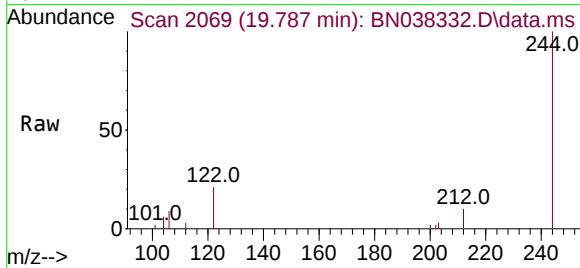




#31
 Terphenyl-d14
 Concen: 0.218 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN038332.D
 Acq: 12 Dec 2025 01:13

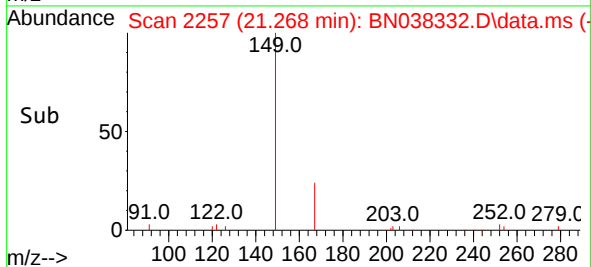
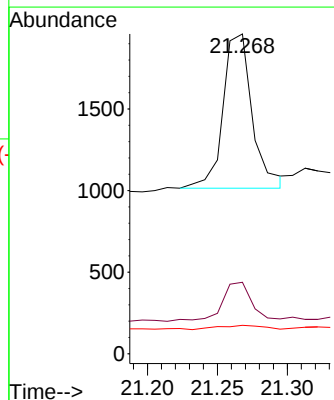
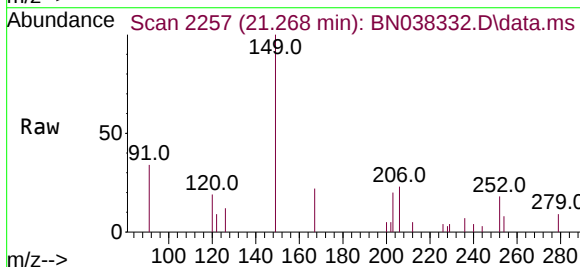
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225DL

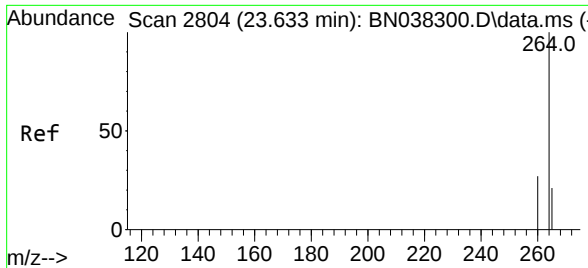
Tgt Ion:244	Resp:	5373
Ion Ratio	Lower	Upper
244	100	
212	10.3	7.9 11.9
122	20.6	15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: BN038332.D
 Acq: 12 Dec 2025 01:13

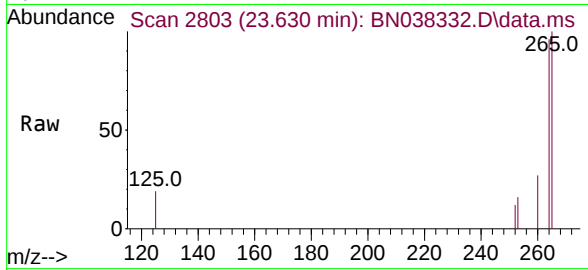
Tgt Ion:149	Resp:	1375
Ion Ratio	Lower	Upper
149	100	
167	27.6	21.4 32.0
279	4.4	2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038332.D
Acq: 12 Dec 2025 01:13

Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225DL



Tgt Ion:264 Resp: 11044

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.2	33.2
265	103.8	80.2	120.2

