

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038193.D
 Acq On : 12 Nov 2025 15:34
 Operator : RC/JU
 Sample : Q3584-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-2

Quant Time: Nov 12 16:02:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

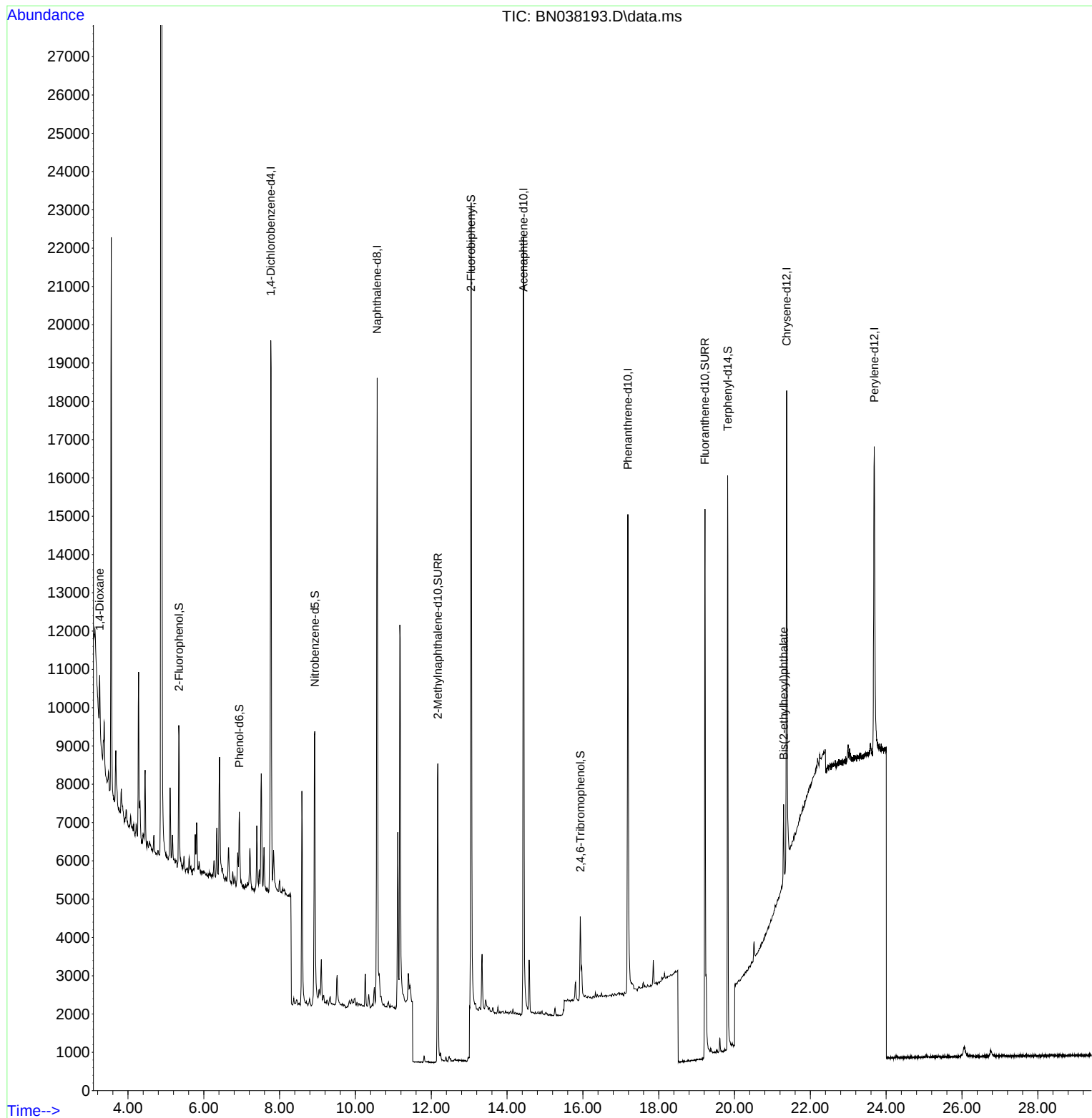
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7532	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22809	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12555	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	19699	0.400	ng	0.00
29) Chrysene-d12	21.375	240	13022	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	12879	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3038	0.171	ng	0.00
5) Phenol-d6	6.937	99	2167	0.100	ng	0.00
8) Nitrobenzene-d5	8.929	82	6826	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10949	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1548	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19515	0.388	ng	0.00
27) Fluoranthene-d10	19.220	212	17319	0.349	ng	0.00
31) Terphenyl-d14	19.819	244	15311	0.541	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	785	0.101	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.083	ng	98

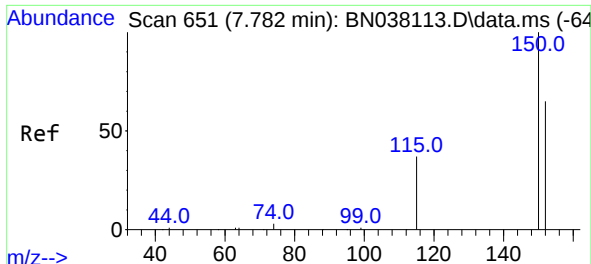
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038193.D
Acq On : 12 Nov 2025 15:34
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-2

Quant Time: Nov 12 16:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

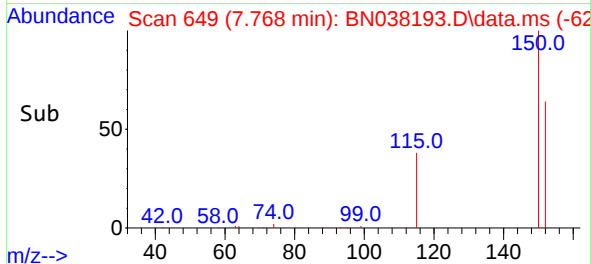
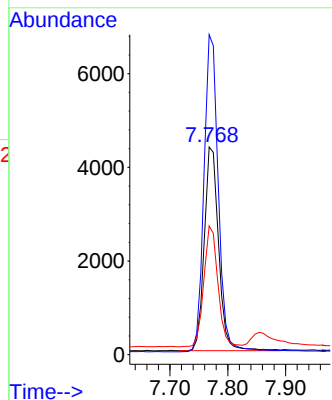
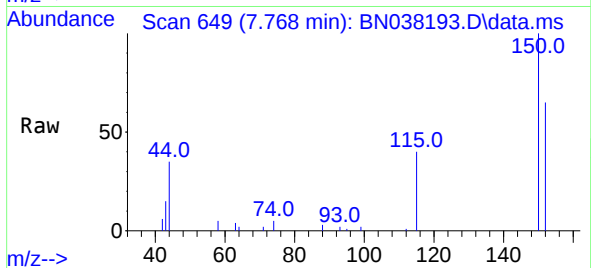




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

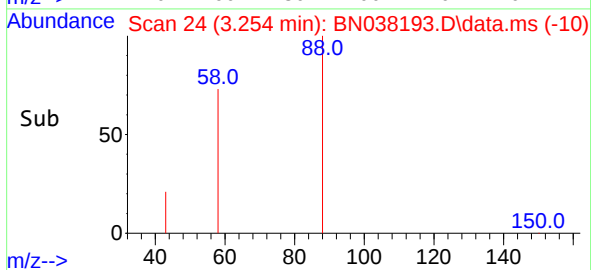
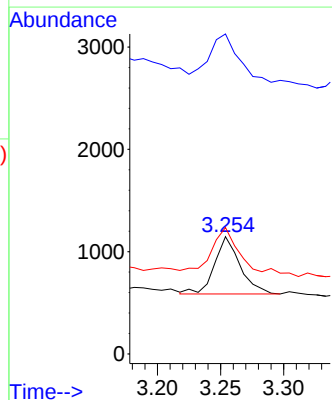
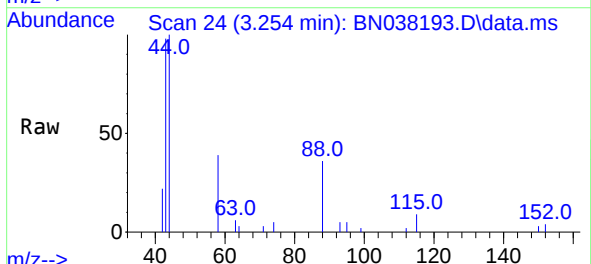
Instrument :
BNA_N
ClientSampleId :
FB-2

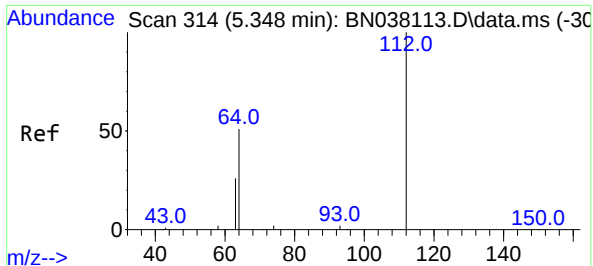
Tgt Ion:152 Resp: 7532
Ion Ratio Lower Upper
152 100
150 154.0 122.3 183.5
115 61.9 47.4 71.0



#2
1,4-Dioxane
Concen: 0.101 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 88 Resp: 785
Ion Ratio Lower Upper
88 100
43 115.4 24.3 36.5#
58 104.6 60.4 90.6#

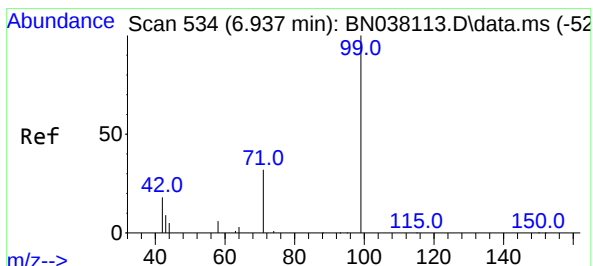
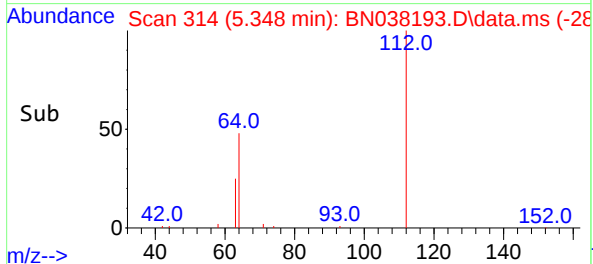
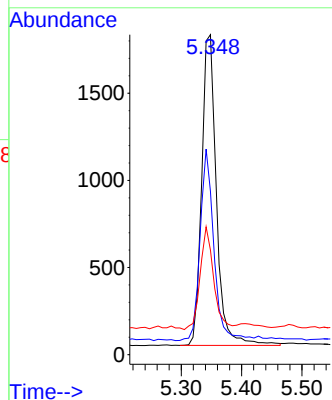
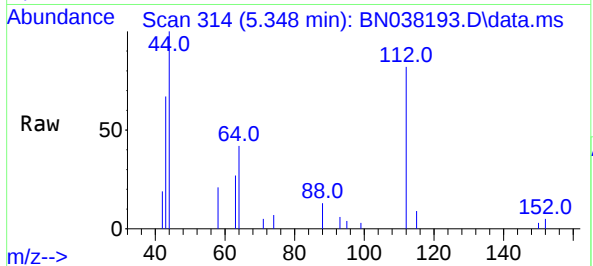




#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

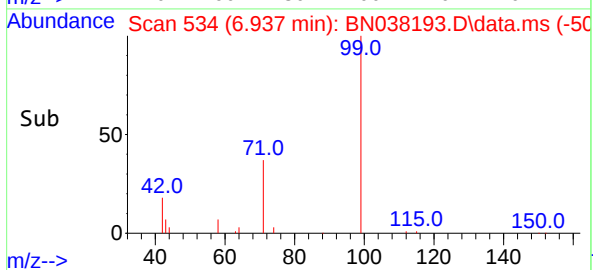
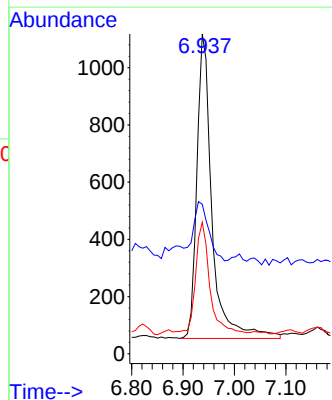
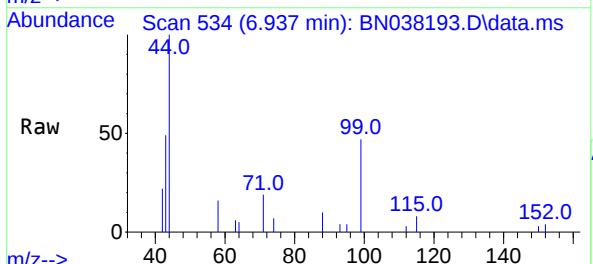
Instrument :
BNA_N
ClientSampleId :
FB-2

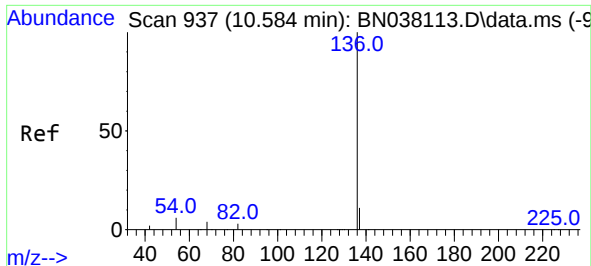
Tgt Ion:112 Resp: 3038
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.0
63 30.2 23.2 34.8



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 99 Resp: 2167
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 33.5 25.4 38.2

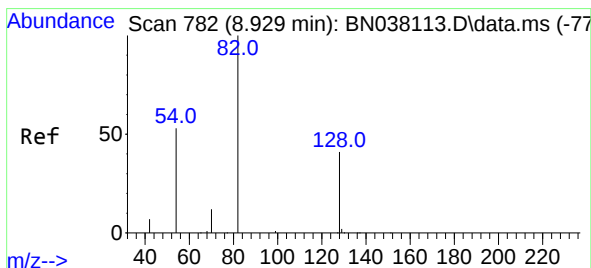
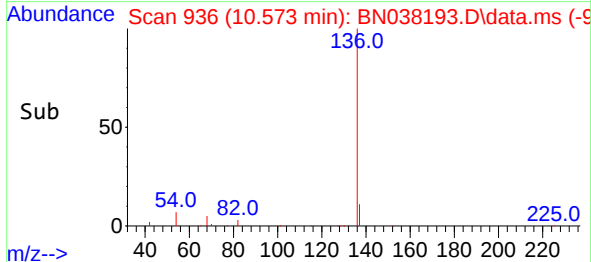
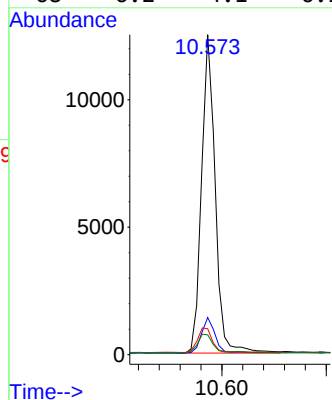
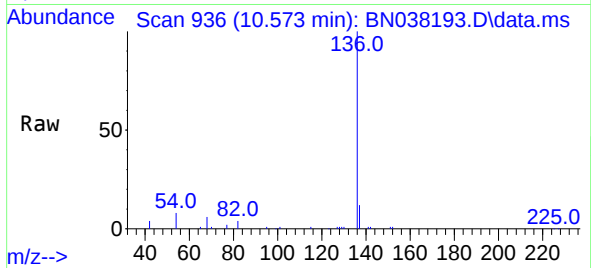




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

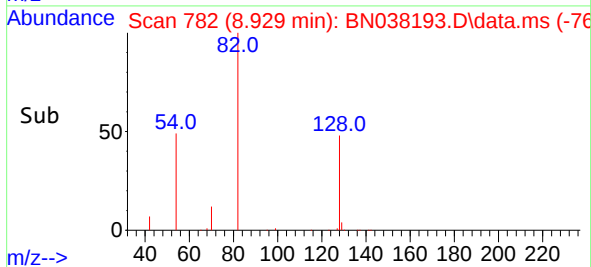
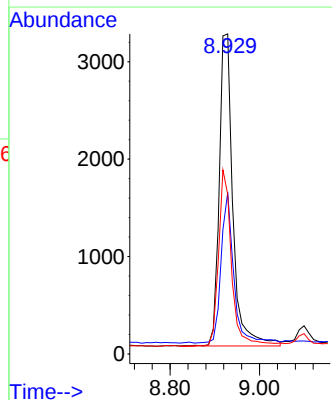
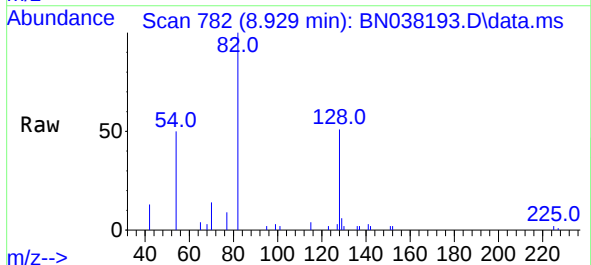
Instrument :
BNA_N
ClientSampleId :
FB-2

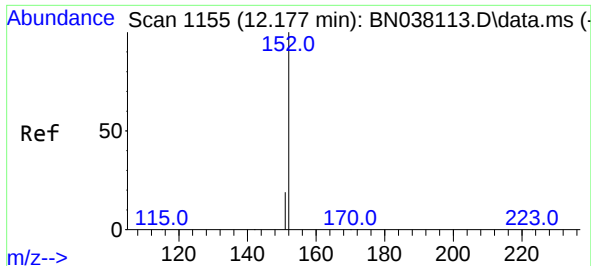
Tgt Ion:	136	Resp:	22809
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	8.1	5.2	7.8#
68	6.2	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:	82	Resp:	6826
Ion Ratio	Lower	Upper	
82	100		
128	50.5	34.1	51.1
54	49.9	43.5	65.3

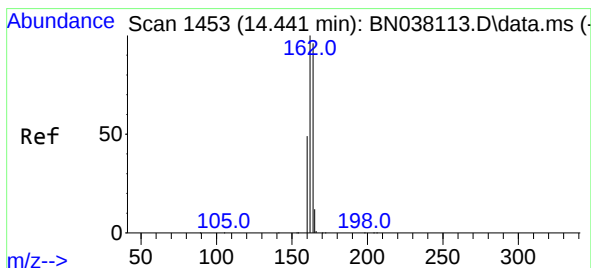
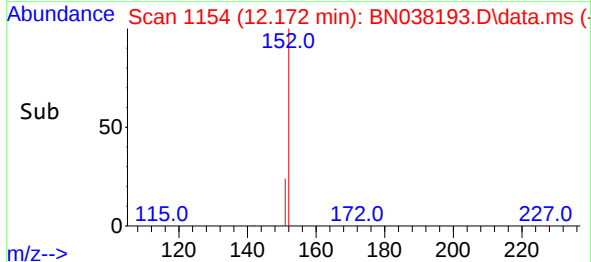
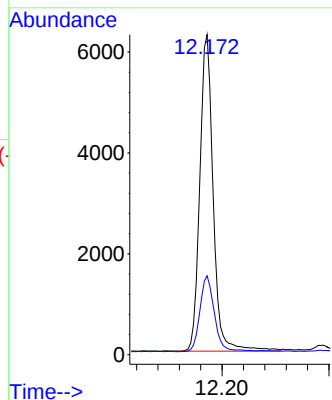
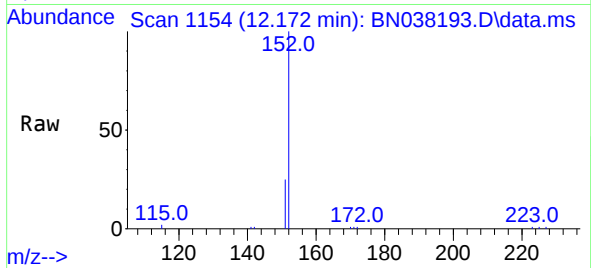




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038113.D
Acq: 12 Nov 2025 15:34

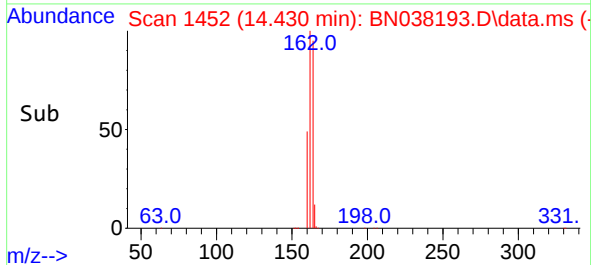
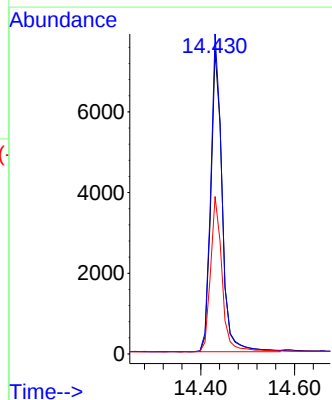
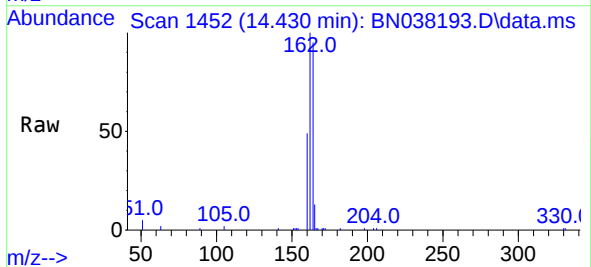
Instrument :
BNA_N
ClientSampleId :
FB-2

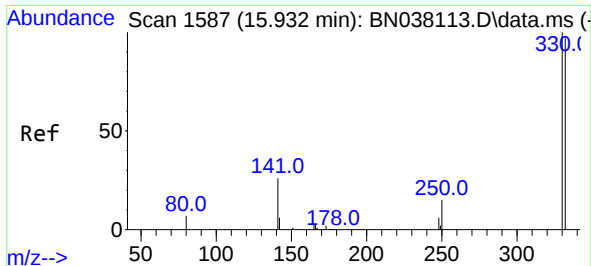
Tgt Ion:152 Resp: 10949
Ion Ratio Lower Upper
152 100
151 25.8 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:164 Resp: 12555
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 51.9 40.7 61.1

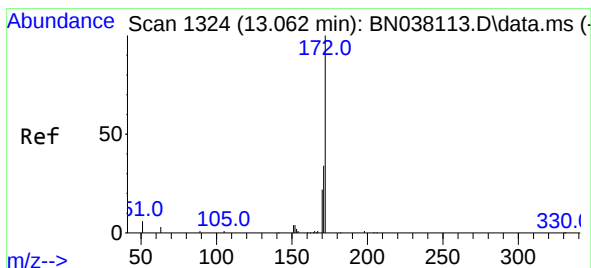
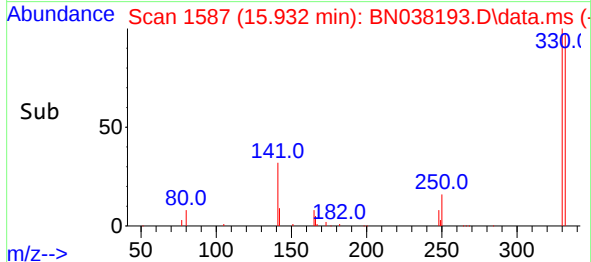
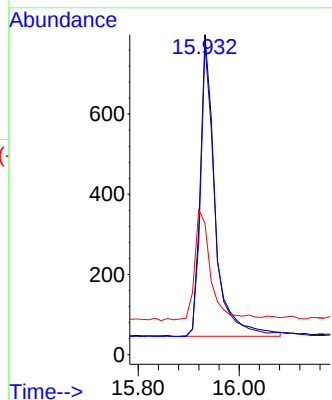
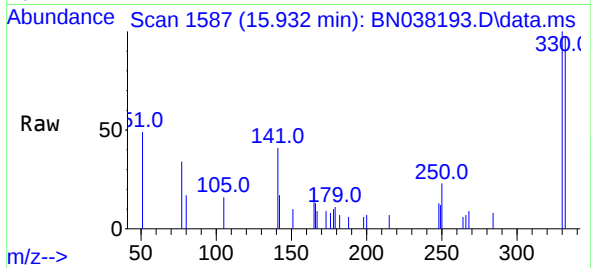




#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

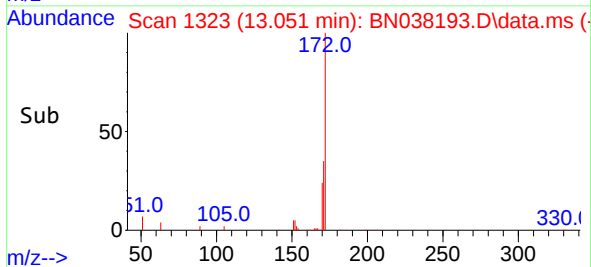
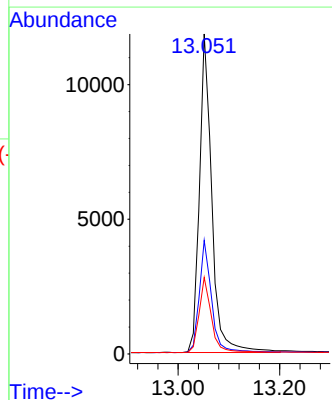
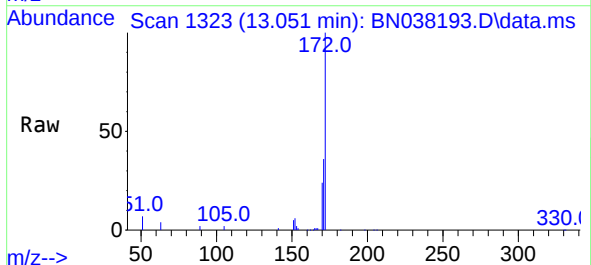
Instrument :
BNA_N
ClientSampleId :
FB-2

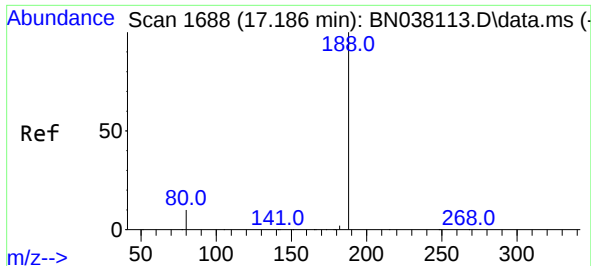
Tgt Ion: 330 Resp: 1548
Ion Ratio Lower Upper
330 100
332 94.6 76.6 114.8
141 40.6 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 172 Resp: 19515
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 23.9 18.1 27.1

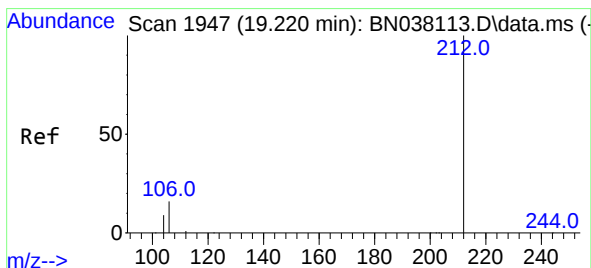
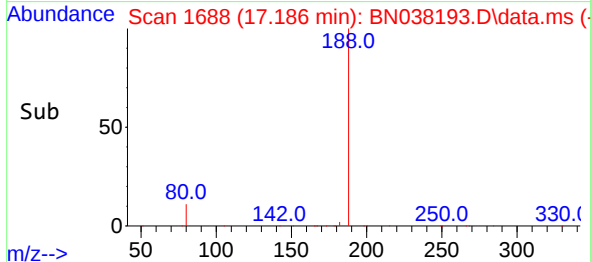
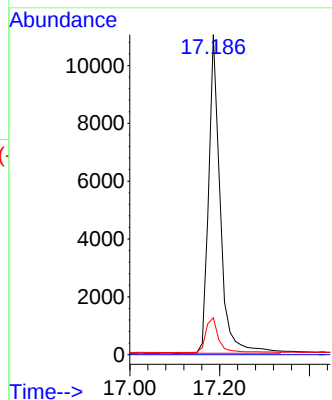
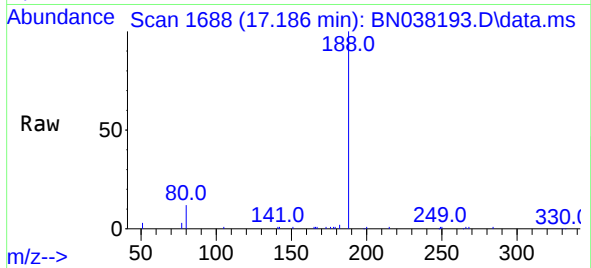




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

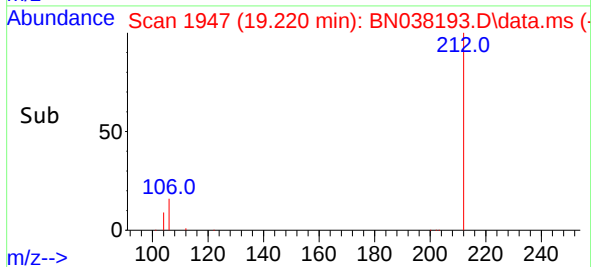
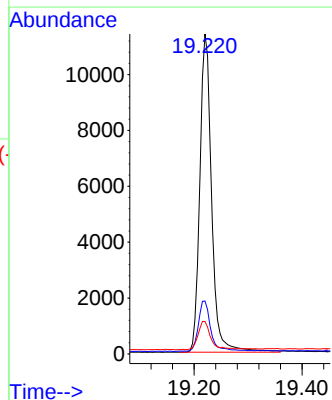
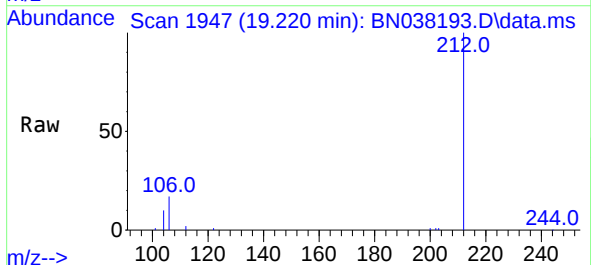
Instrument :
BNA_N
ClientSampleId :
FB-2

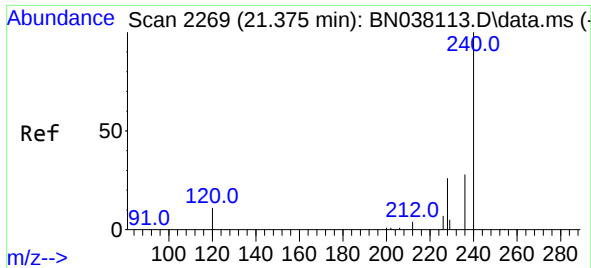
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.6	13.0



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.9	12.6	19.0
104	9.8	7.1	10.7

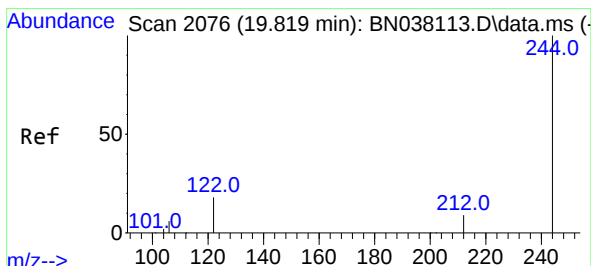
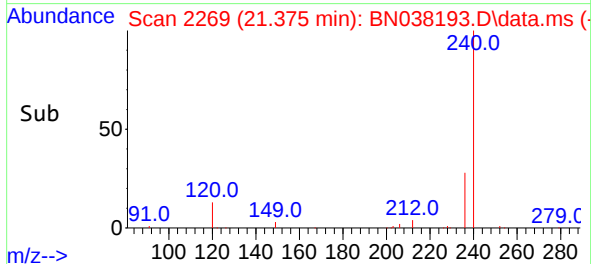
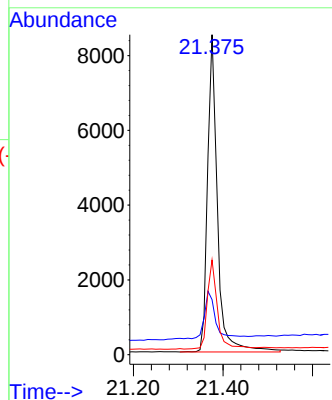
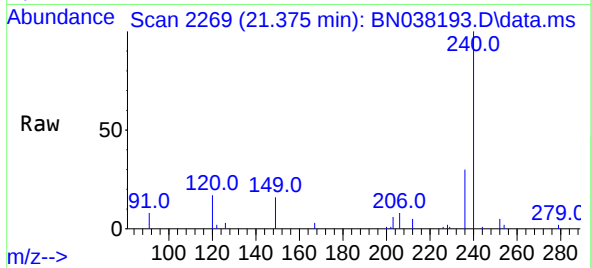




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

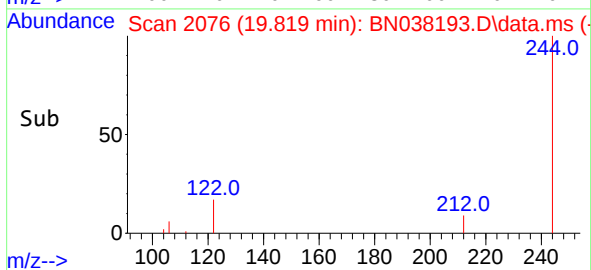
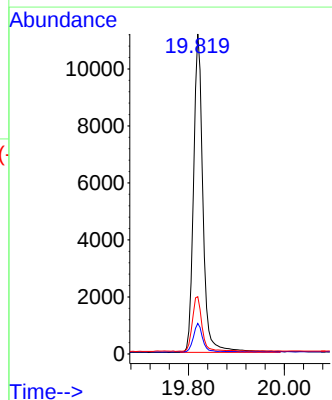
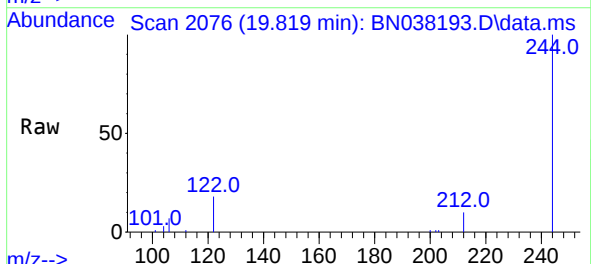
Instrument :
BNA_N
ClientSampleId :
FB-2

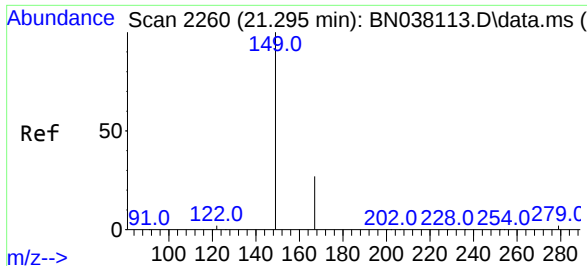
Tgt Ion:240 Resp: 13022
Ion Ratio Lower Upper
240 100
120 17.2 10.7 16.1#
236 29.6 23.1 34.7



#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:244 Resp: 15311
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 17.9 15.2 22.8

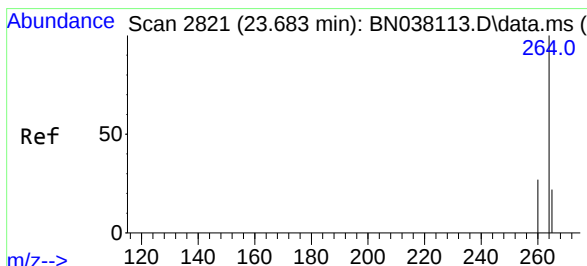
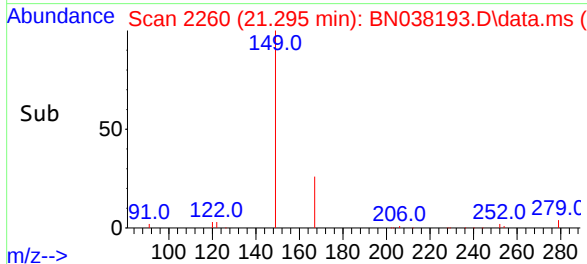
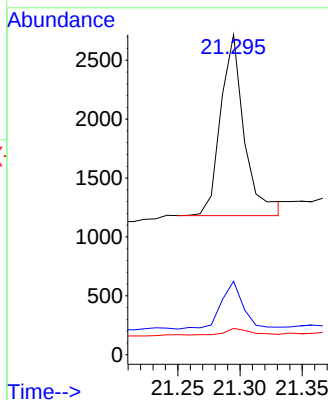
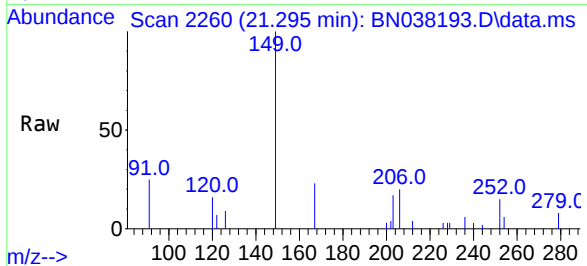




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.295 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BN038193.D
 Acq: 12 Nov 2025 15:34

Instrument :
 BNA_N
 ClientSampleId :
 FB-2

Tgt Ion:	149	Resp:	2038
Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.1	31.7
279	3.7	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2822
 Delta R.T. 0.006 min
 Lab File: BN038193.D
 Acq: 12 Nov 2025 15:34

Tgt Ion:	264	Resp:	12879
Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	123.5	68.6	102.8

