

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
 Data File : BN038201.D
 Acq On : 13 Nov 2025 15:52
 Operator : RC/JU
 Sample : Q3584-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 10

Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1DL

Quant Time: Nov 13 16:21:45 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)

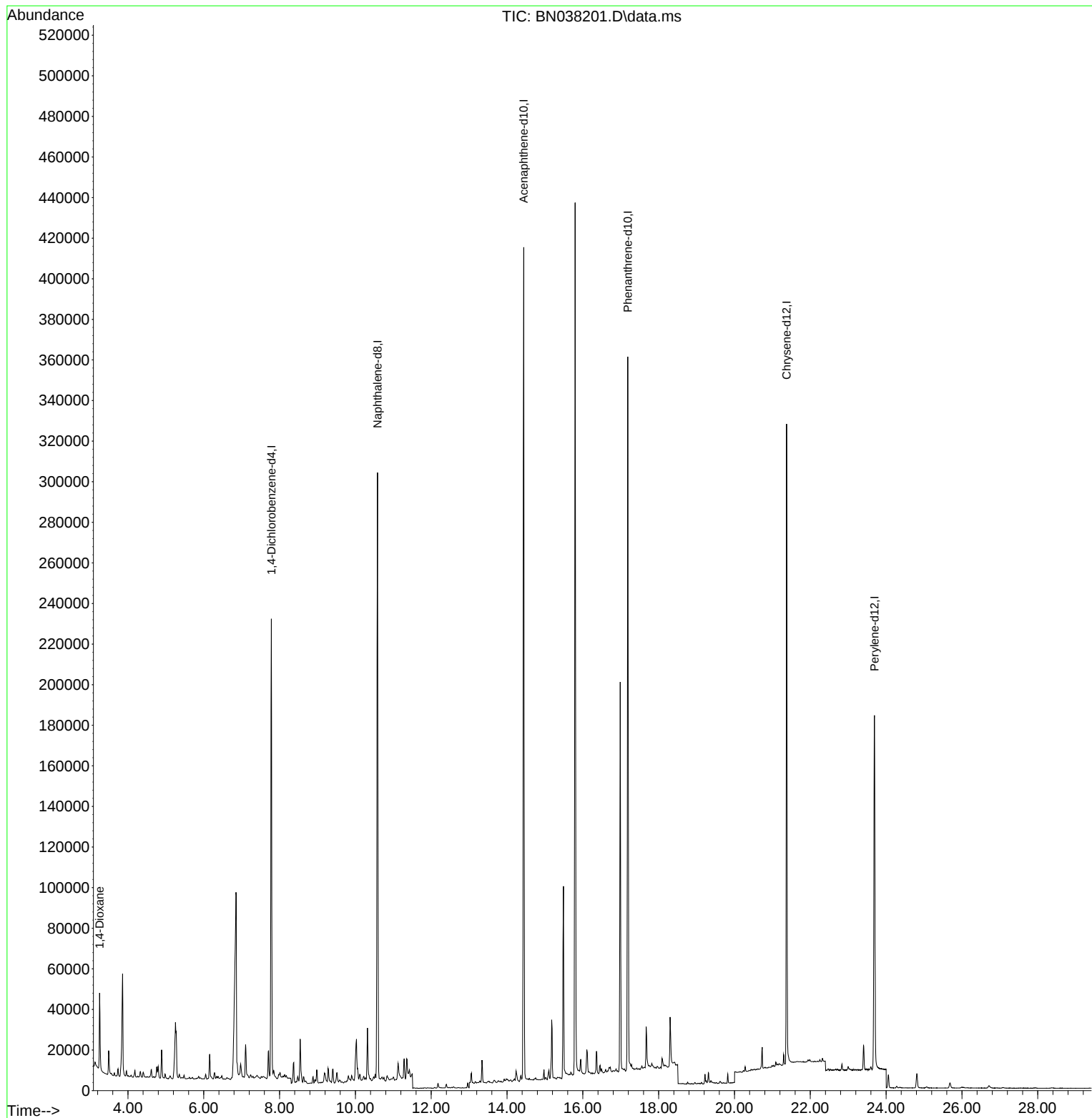
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	110160	4.000	ng	0.00
7) Naphthalene-d8	10.583	136	385141	4.000	ng	0.01
13) Acenaphthene-d10	14.441	164	236632	4.000	ng	0.01
19) Phenanthrene-d10	17.186	188	445927	4.000	ng	0.00
29) Chrysene-d12	21.375	240	278772	4.000	ng	0.00
35) Perylene-d12	23.692	264	242288	4.000	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	868	0.033	ng	0.00
5) Phenol-d6	6.944	99	746	0.024	ng	0.00
8) Nitrobenzene-d5	8.929	82	1640	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	3026	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	629	0.065	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4796	0.051	ng	0.01
27) Fluoranthene-d10	19.225	212	5282	0.047	ng	0.00
31) Terphenyl-d14	19.824	244	4083	0.067	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	23953	2.104	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.295	149	5129	0.098	ng	# 95

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

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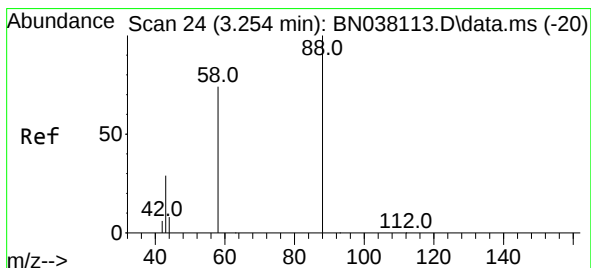
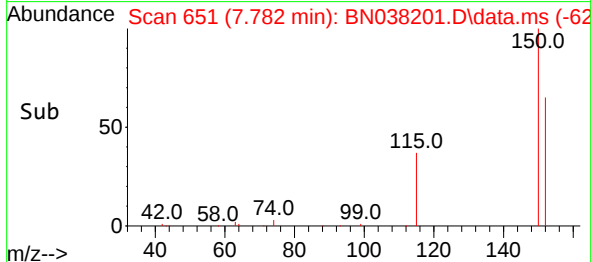
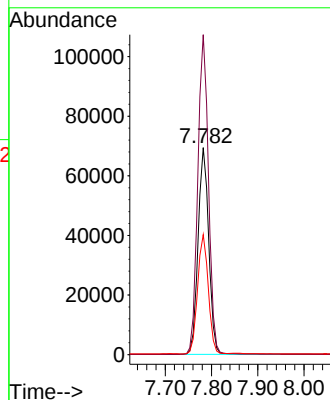
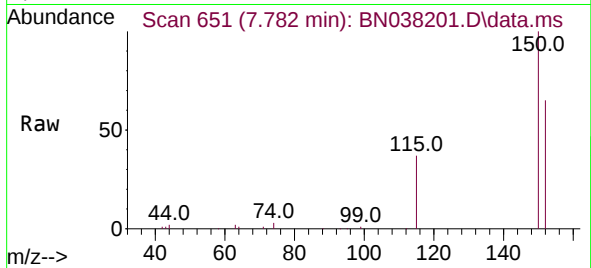




#1
 1,4-Dichlorobenzene-d4
 Concen: 4.000 ng
 RT: 7.782 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

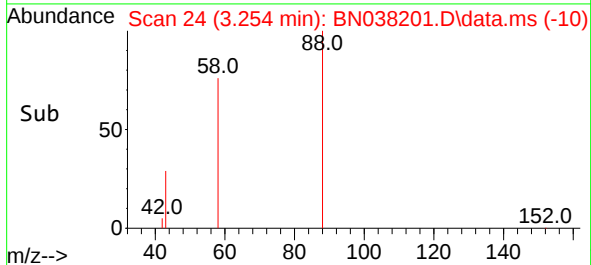
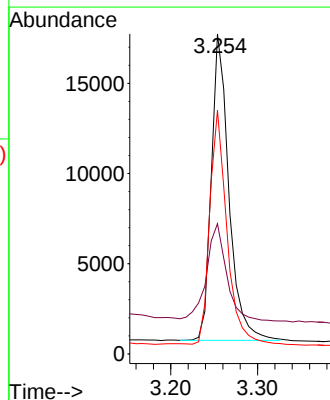
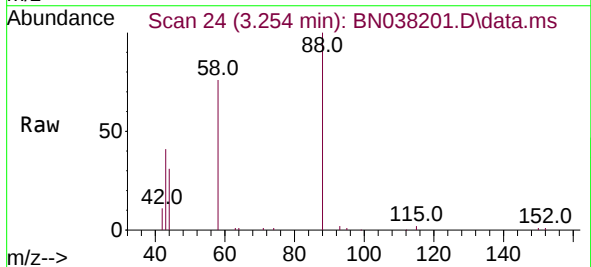
Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1DL

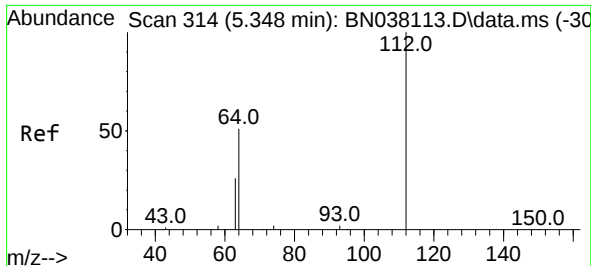
Tgt Ion:152 Resp: 110160
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.3 183.5
 115 58.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.104 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

Tgt Ion: 88 Resp: 23953
 Ion Ratio Lower Upper
 88 100
 43 36.5 24.3 36.5#
 58 74.3 60.4 90.6

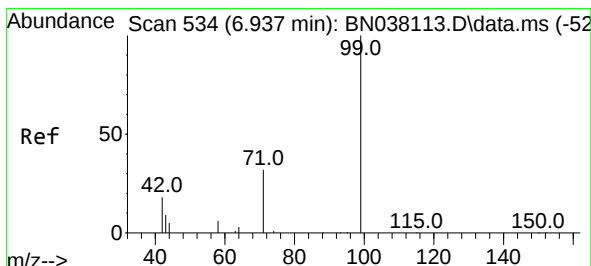
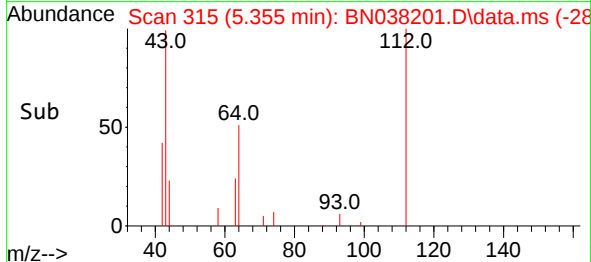
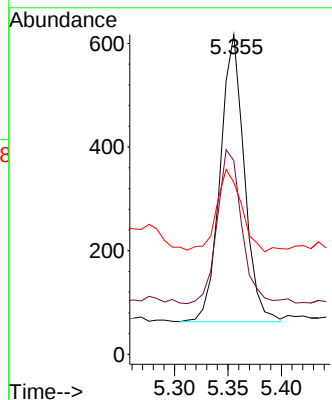
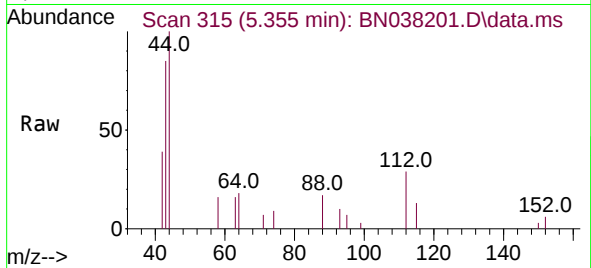




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.355 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

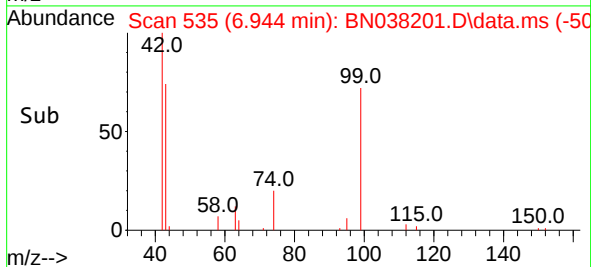
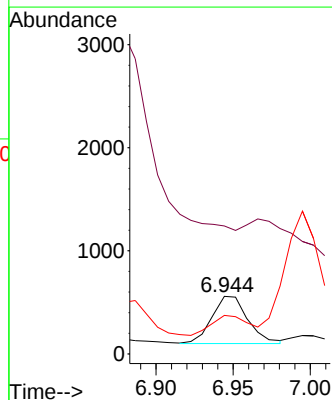
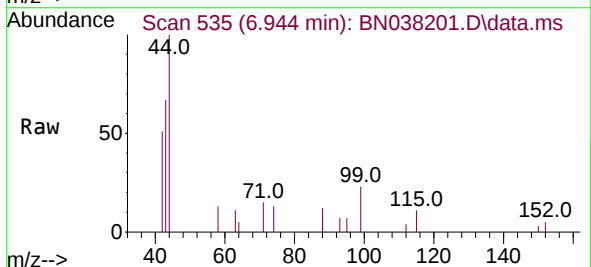
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

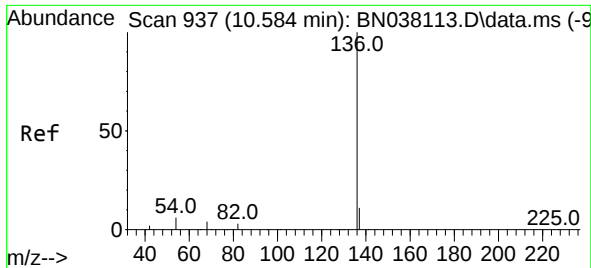
Tgt Ion:112 Resp: 868
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.0
63 28.8 23.2 34.8



#5
Phenol-d6
Concen: 0.024 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion: 99 Resp: 746
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 45.4 25.4 38.2#

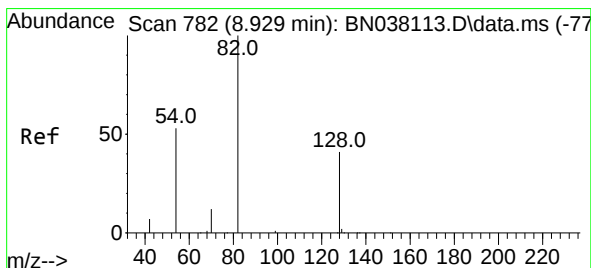
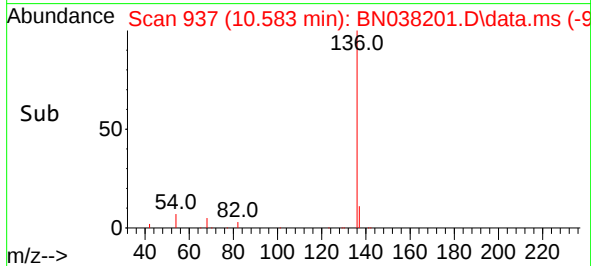
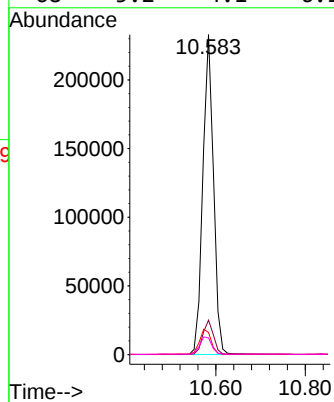
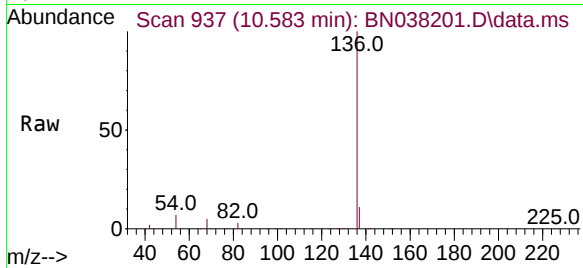




#7
Naphthalene-d8
Concen: 4.000 ng
RT: 10.583 min Scan# 937
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

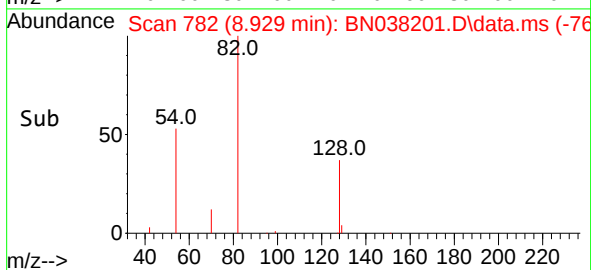
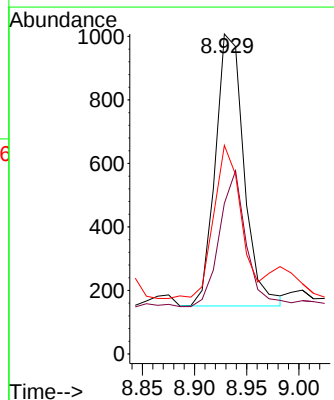
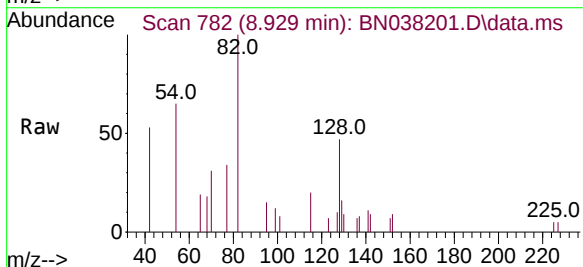
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

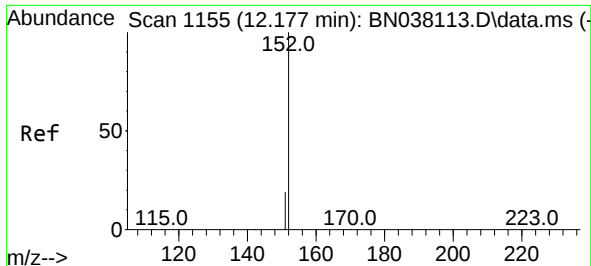
Tgt Ion:	136	Resp:	385141
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.2	7.8
68	5.2	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:	82	Resp:	1640
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.1	51.1
54	65.2	43.5	65.3

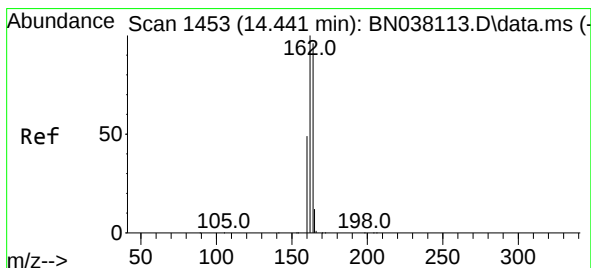
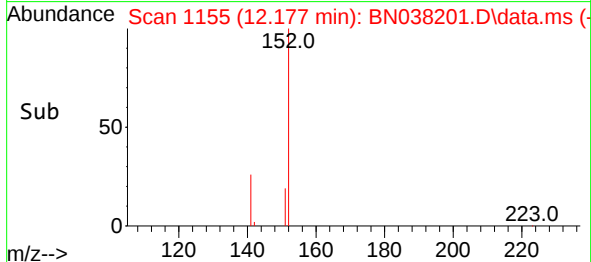
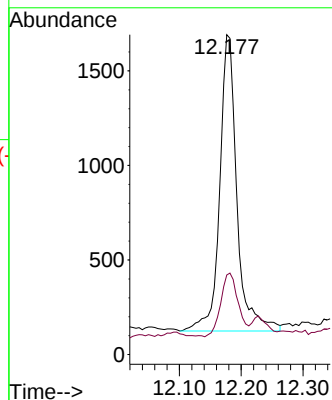
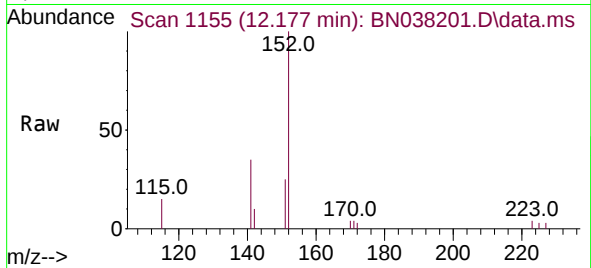




#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

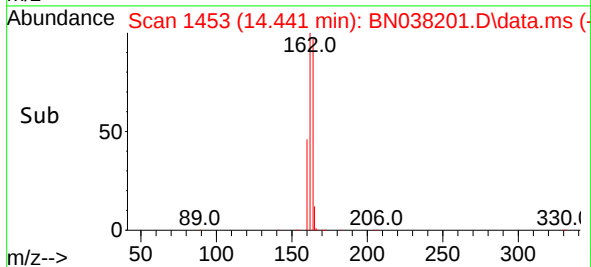
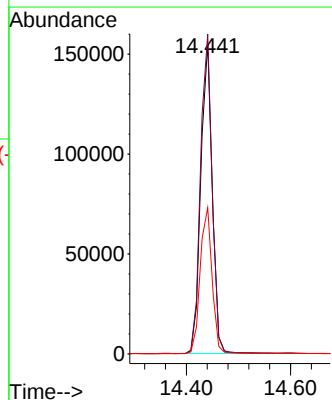
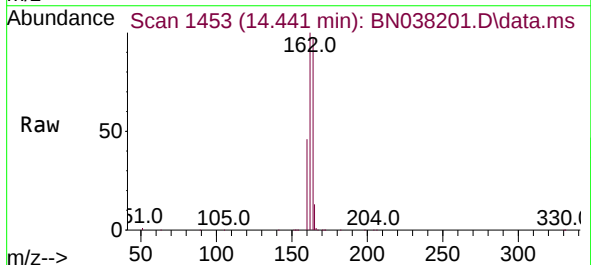
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

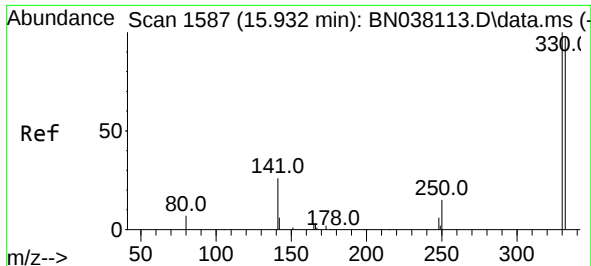
Tgt Ion:152 Resp: 3026
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 4.000 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:164 Resp: 236632
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.4
160 47.1 40.7 61.1

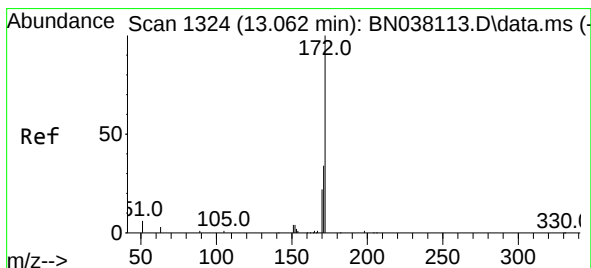
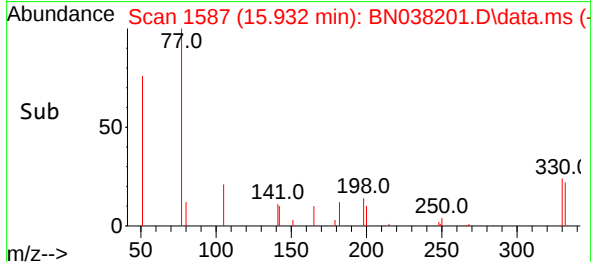
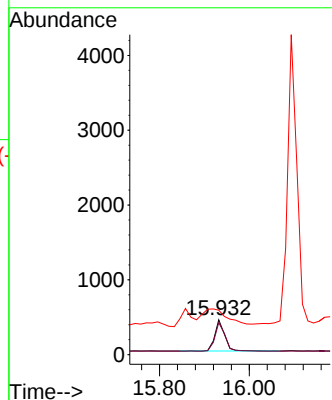
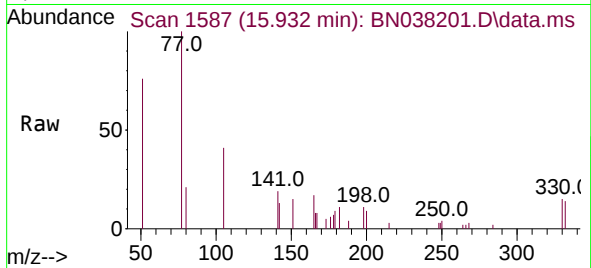




#14
 2,4,6-Tribromophenol
 Concen: 0.065 ng
 RT: 15.932 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

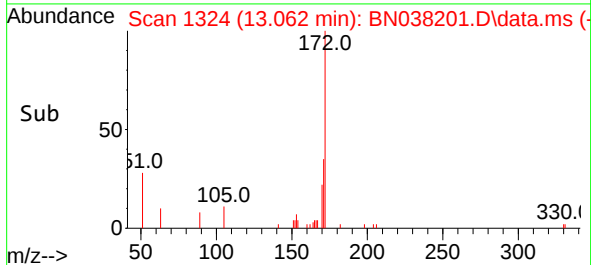
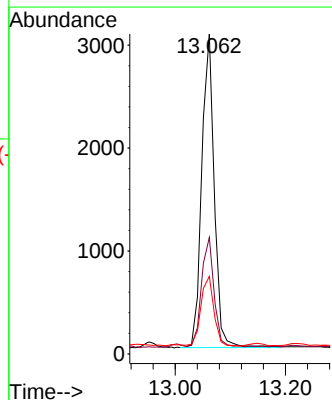
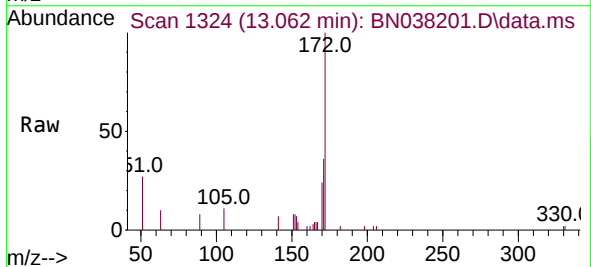
Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1DL

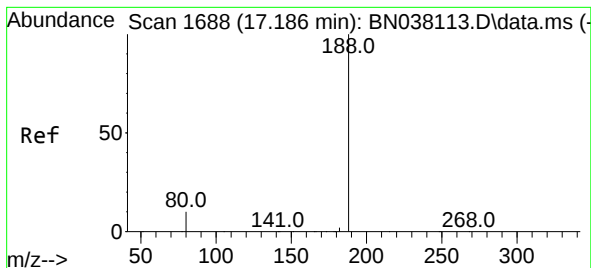
Tgt Ion:330 Resp: 629
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 130.0 34.1 51.1#



#15
 2-Fluorobiphenyl
 Concen: 0.051 ng
 RT: 13.062 min Scan# 1324
 Delta R.T. 0.011 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

Tgt Ion:172 Resp: 4796
 Ion Ratio Lower Upper
 172 100
 171 36.4 27.8 41.6
 170 24.2 18.1 27.1

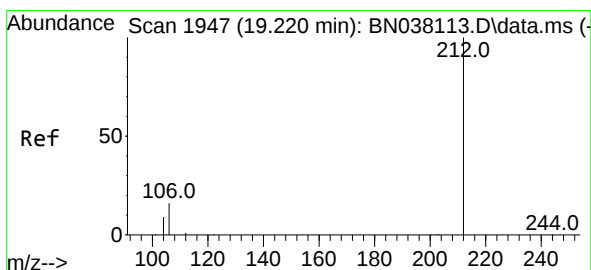
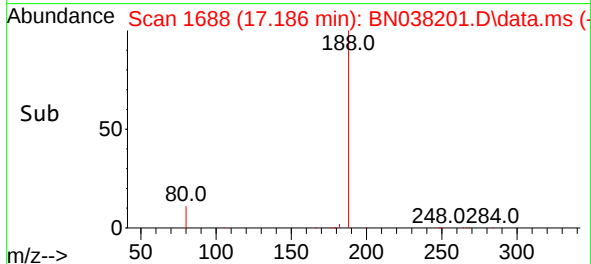
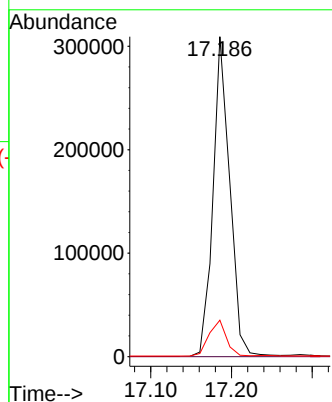
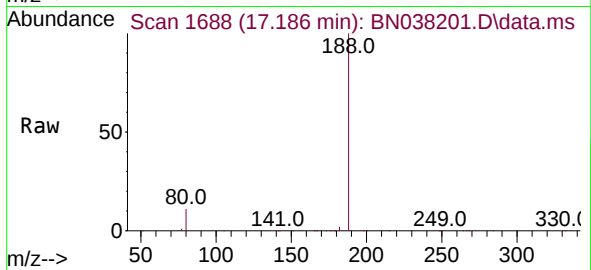




#19
Phenanthrene-d10
Concen: 4.000 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

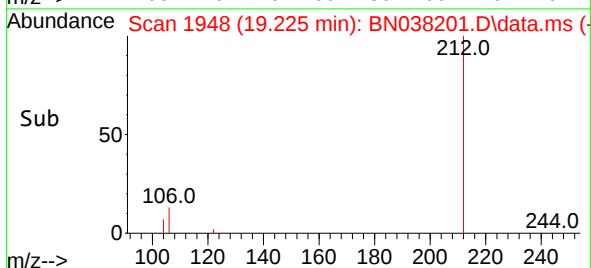
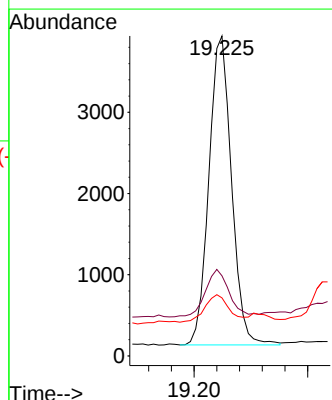
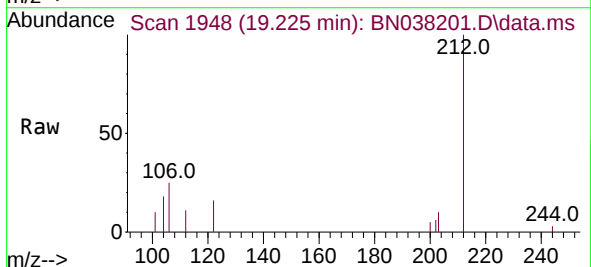
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

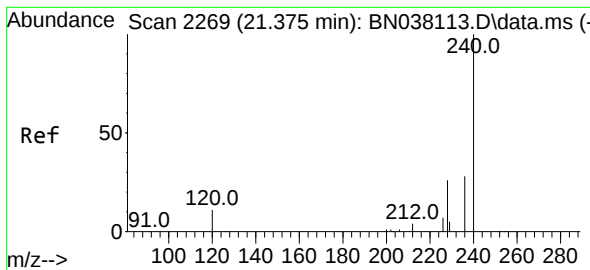
Tgt Ion:188 Resp: 445927
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.6 13.0



#27
Fluoranthene-d10
Concen: 0.047 ng
RT: 19.225 min Scan# 1948
Delta R.T. 0.005 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:212 Resp: 5282
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.4 7.1 10.7





#29

Chrysene-d12

Concen: 4.000 ng

RT: 21.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038201.D

Acq: 13 Nov 2025 15:52

Instrument :

BNA_N

ClientSampleId :

SEEP-1DL

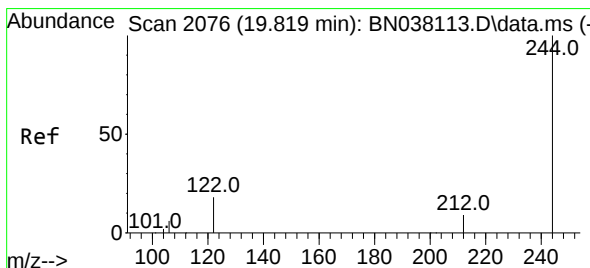
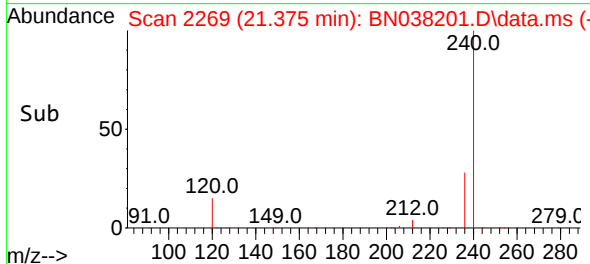
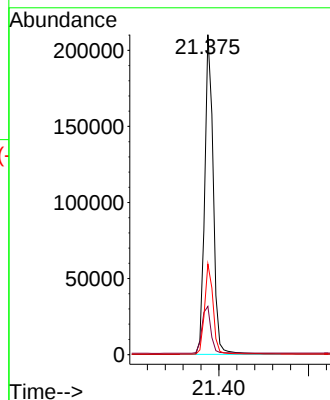
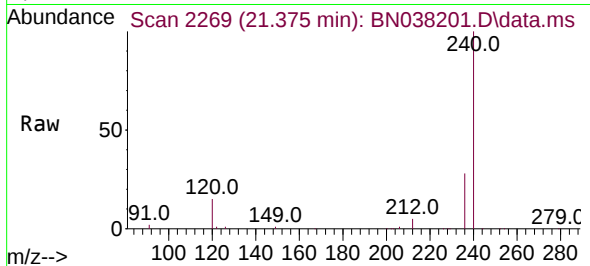
Tgt Ion:240 Resp: 278772

Ion Ratio Lower Upper

240 100

120 15.1 10.7 16.1

236 28.3 23.1 34.7



#31

Terphenyl-d14

Concen: 0.067 ng

RT: 19.824 min Scan# 2077

Delta R.T. 0.005 min

Lab File: BN038201.D

Acq: 13 Nov 2025 15:52

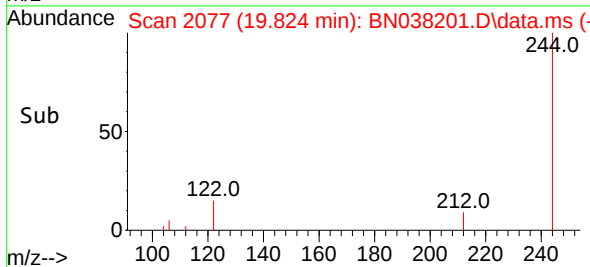
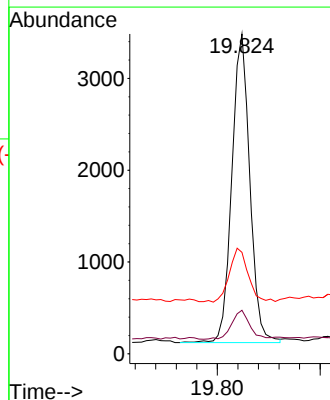
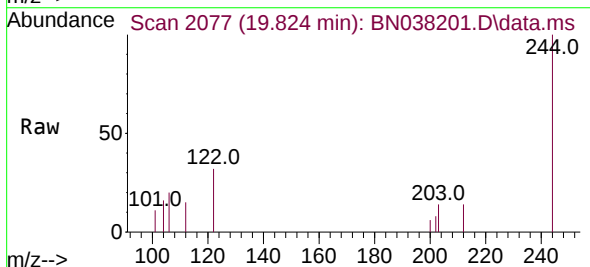
Tgt Ion:244 Resp: 4083

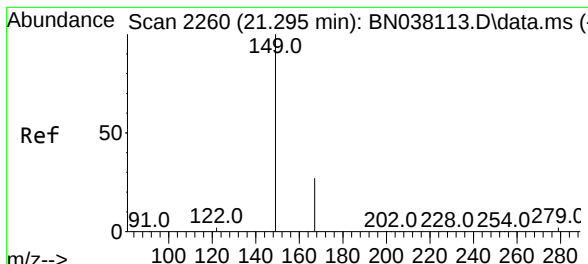
Ion Ratio Lower Upper

244 100

212 13.6 7.8 11.6#

122 31.7 15.2 22.8#

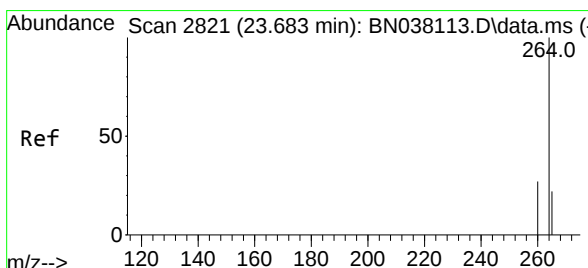
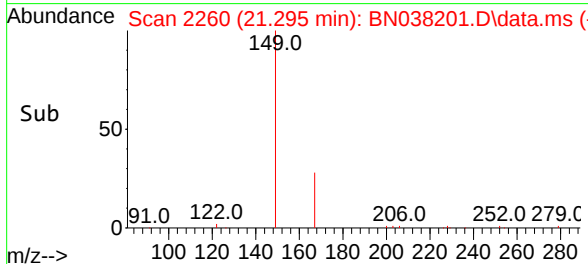
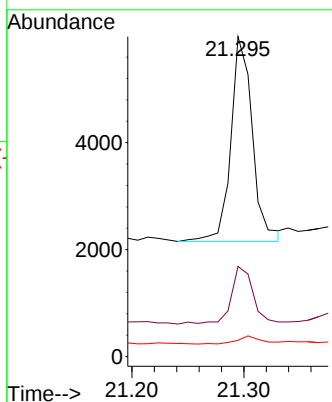
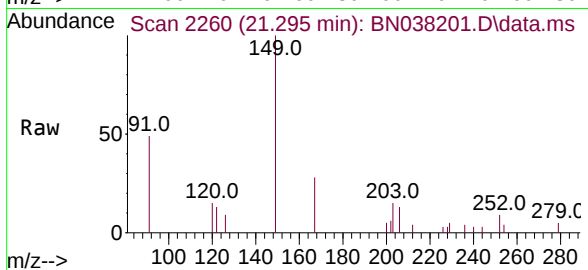




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1DL

Tgt Ion:149 Resp: 5129
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.1 31.7
 279 4.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 4.000 ng
 RT: 23.692 min Scan# 2824
 Delta R.T. 0.012 min
 Lab File: BN038201.D
 Acq: 13 Nov 2025 15:52

Tgt Ion:264 Resp: 242288
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.8 32.8
 265 26.2 68.6 102.8#

