

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028961.D
 Acq On : 01 Dec 2023 23:37
 Operator : MA/JU
 Sample : 05358-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20231108

Quant Time: Dec 02 03:16:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

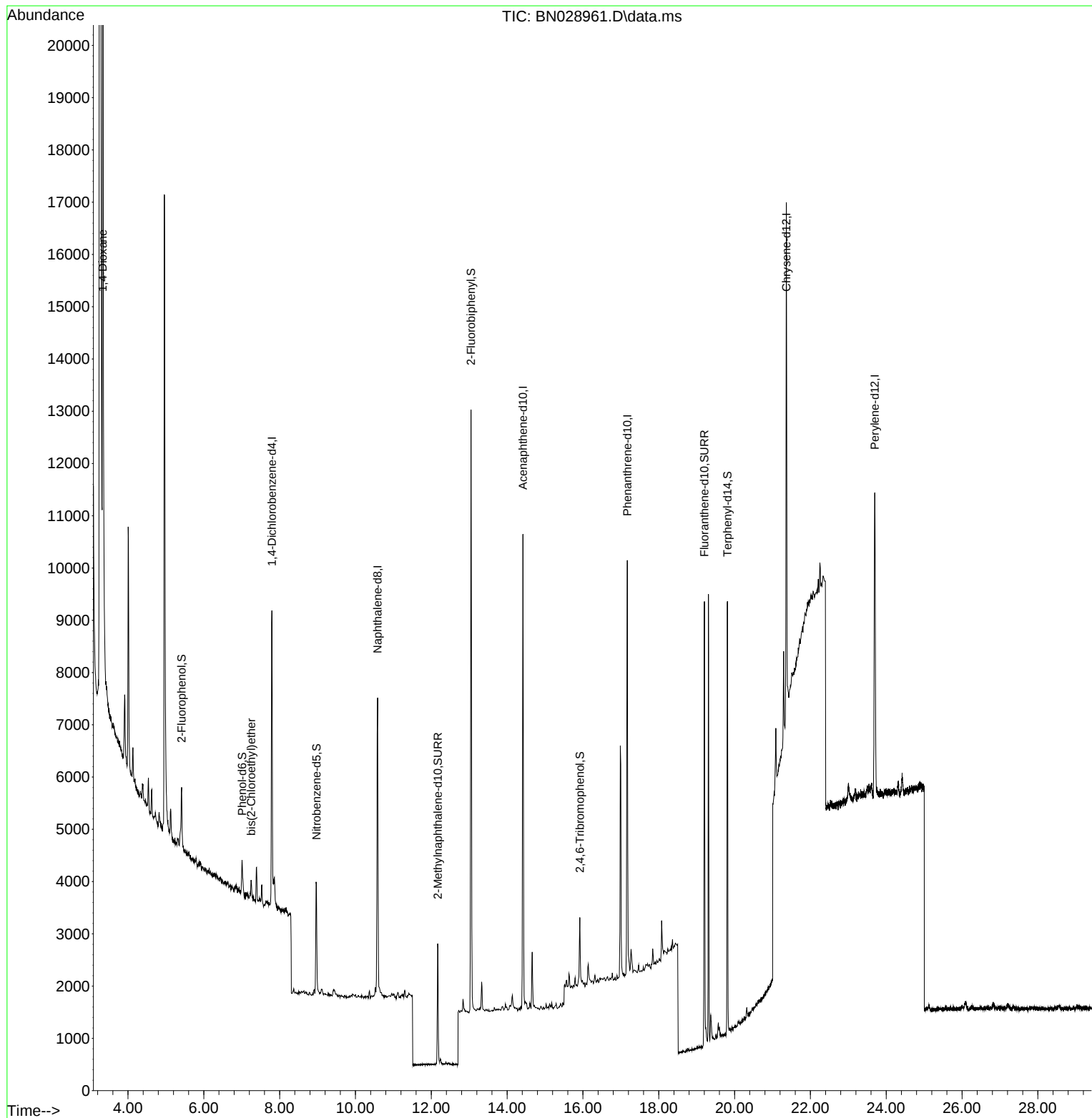
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	2735	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	8003	0.400	ng	0.00
13) Acenaphthene-d10	14.417	164	4955	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	11024	0.400	ng	0.00
29) Chrysene-d12	21.365	240	8822	0.400	ng	# 0.00
35) Perylene-d12	23.696	264	8141	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	847	0.102	ng	0.00
5) Phenol-d6	7.009	99	567	0.062	ng	0.00
8) Nitrobenzene-d5	8.971	82	2012	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	3160	0.246	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	804	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	9536	0.446	ng	0.00
27) Fluoranthene-d10	19.204	212	9326	0.322	ng	0.00
31) Terphenyl-d14	19.812	244	8191	0.353	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	12697	4.740	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.248	93	282	0.036	ng	87

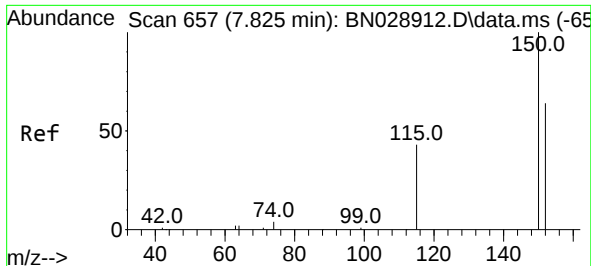
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028961.D
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Misc :
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Instrument :
BNA_N
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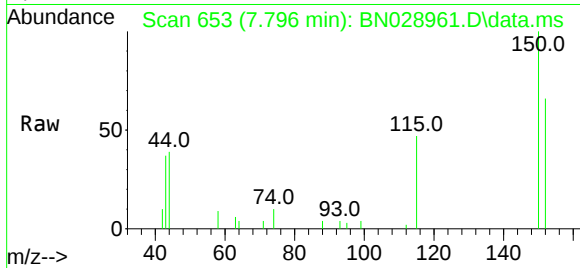
Quant Time: Dec 02 03:16:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



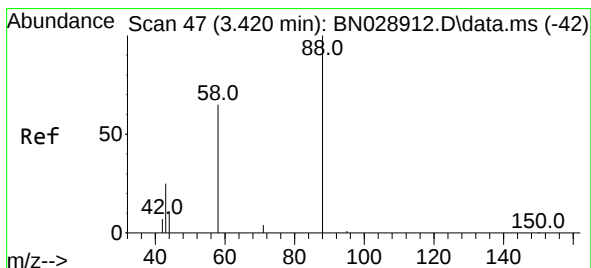
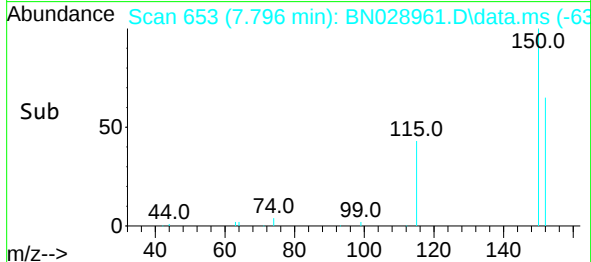
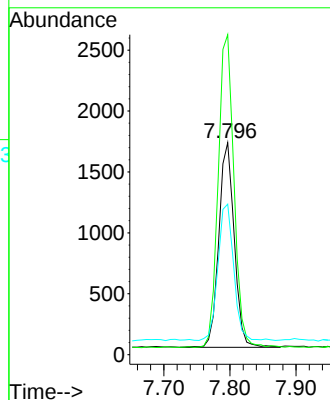


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.796 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

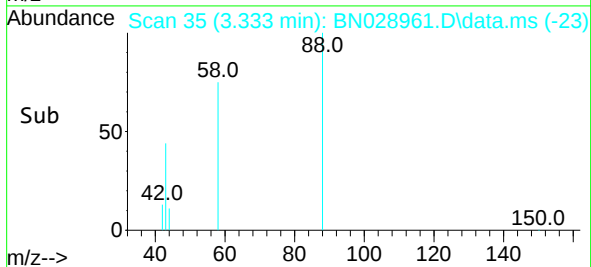
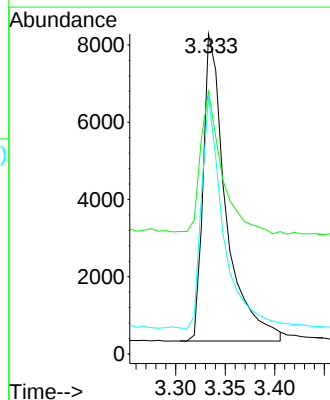
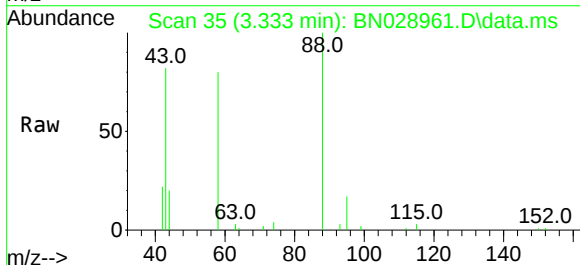


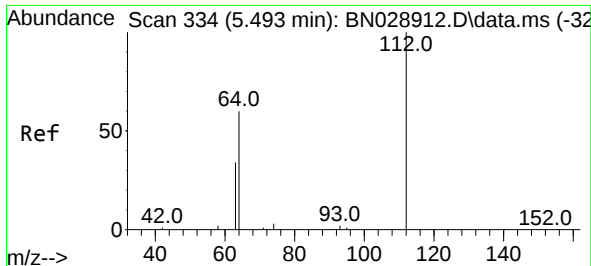
Tgt Ion:152 Resp: 2735
Ion Ratio Lower Upper
152 100
150 151.0 123.4 185.2
115 71.0 59.1 88.7



#2
1,4-Dioxane
Concen: 4.740 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.015 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Tgt Ion: 88 Resp: 12697
Ion Ratio Lower Upper
88 100
43 43.6 29.9 44.9
58 71.8 55.0 82.4

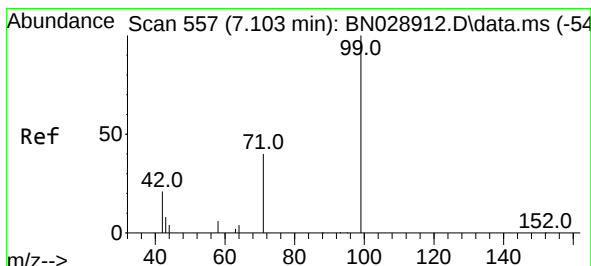
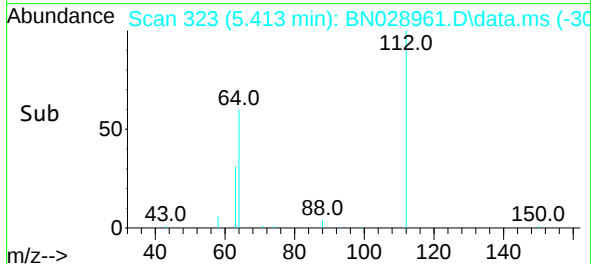
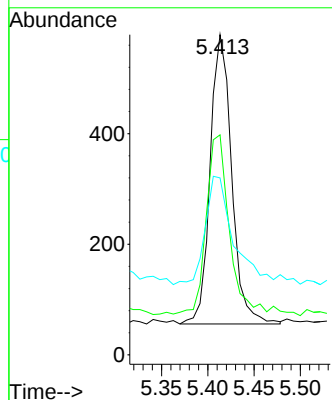
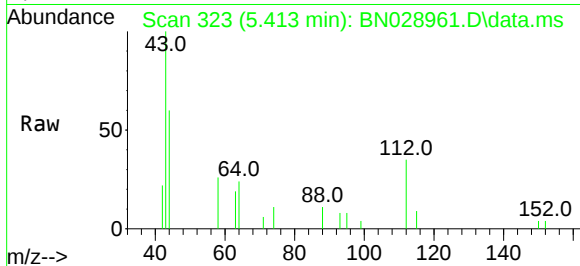




#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.413 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

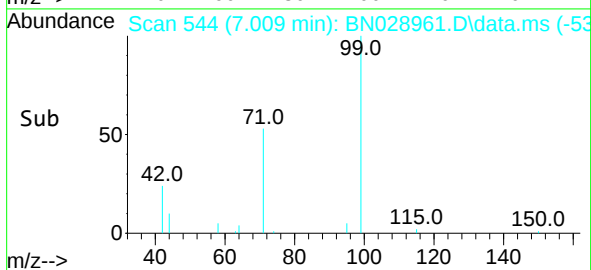
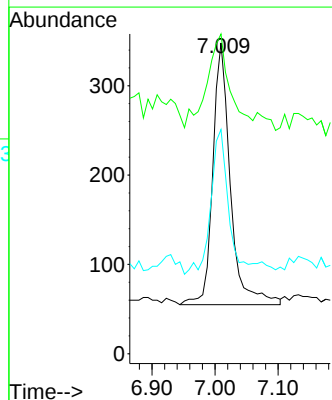
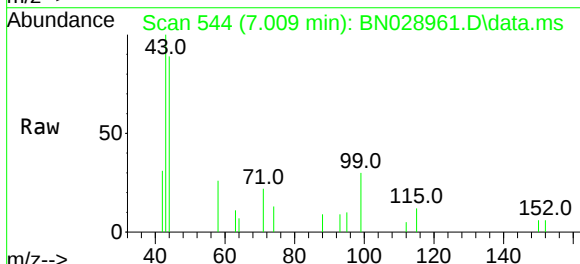
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

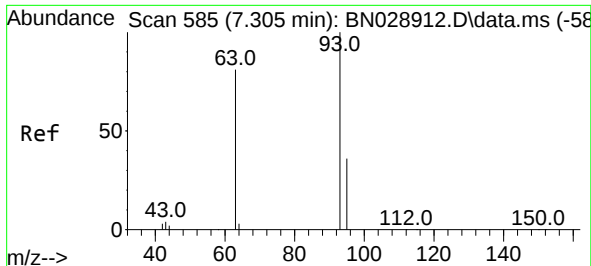
Tgt Ion:112 Resp: 847
Ion Ratio Lower Upper
112 100
64 69.7 51.5 77.3
63 50.8 30.4 45.6#



#5
Phenol-d6
Concen: 0.062 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Tgt Ion: 99 Resp: 567
Ion Ratio Lower Upper
99 100
42 46.6 21.2 31.8#
71 54.5 35.4 53.0#

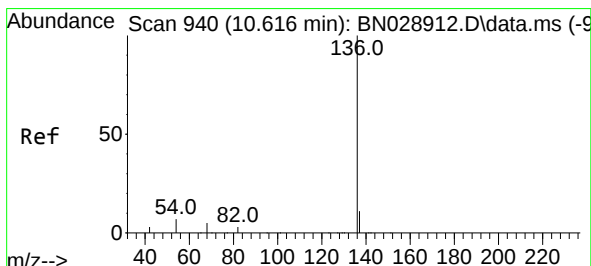
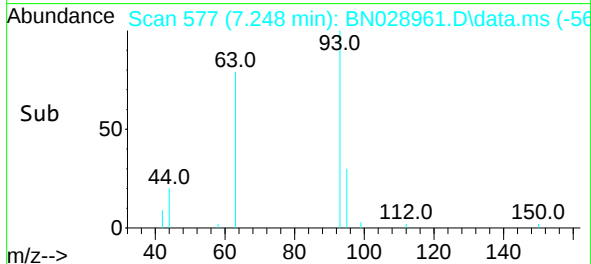
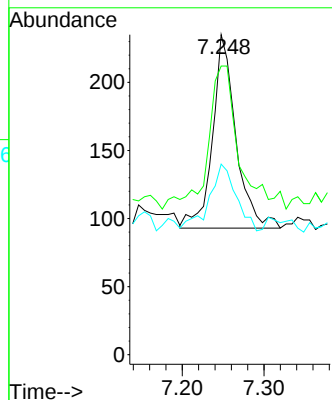
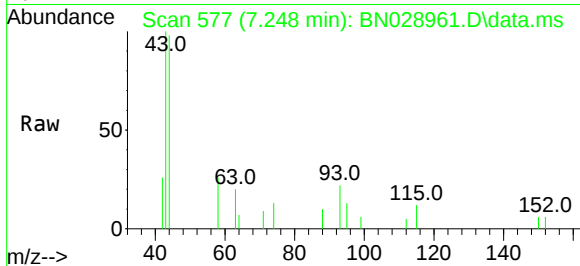




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.248 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

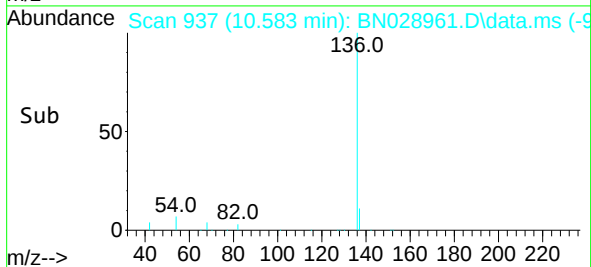
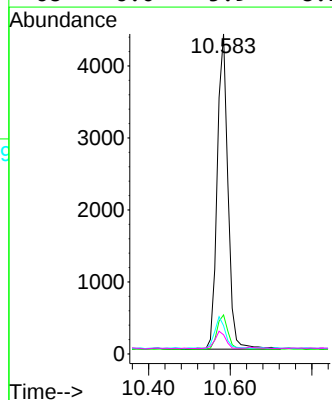
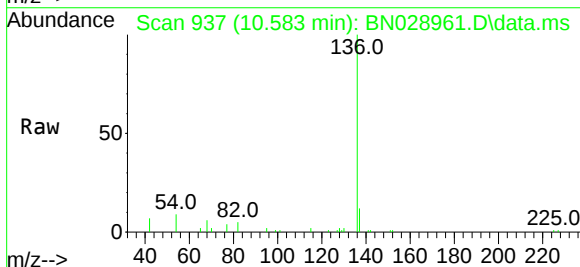
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

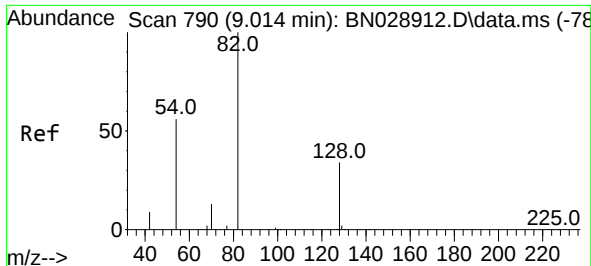
Tgt Ion: 93 Resp: 282
Ion Ratio Lower Upper
93 100
63 97.2 66.9 100.3
95 39.7 28.2 42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Tgt Ion:136 Resp: 8003
Ion Ratio Lower Upper
136 100
137 12.2 10.6 16.0
54 8.9 7.5 11.3
68 6.0 5.9 8.9

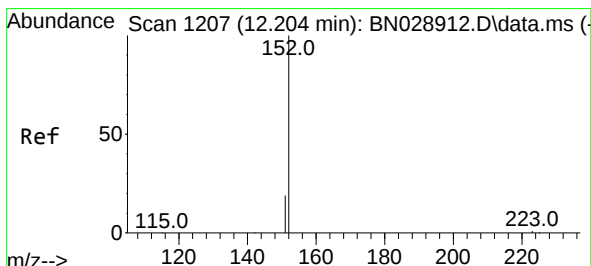
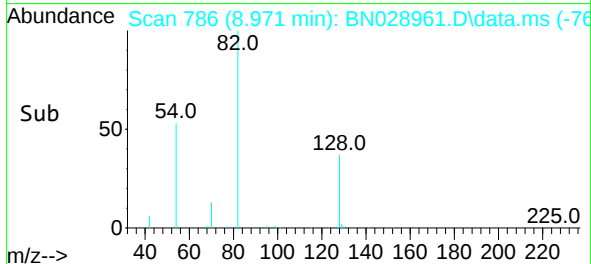
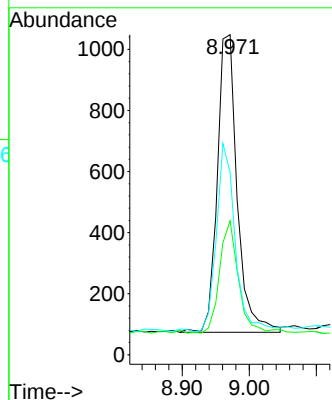
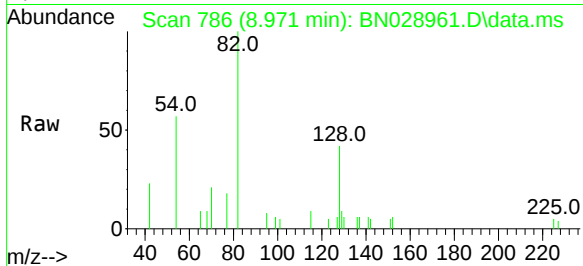




#8
 Nitrobenzene-d5
 Concen: 0.253 ng
 RT: 8.971 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

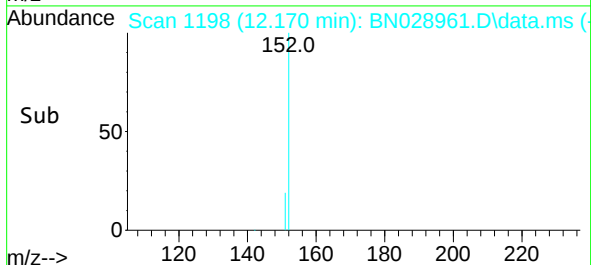
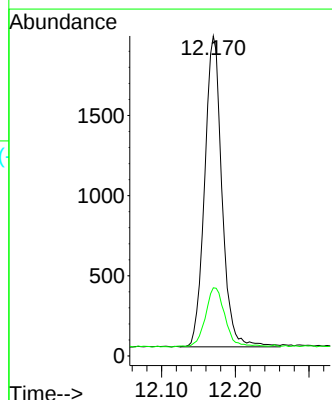
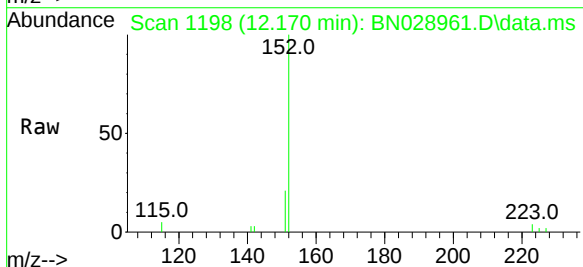
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20231108

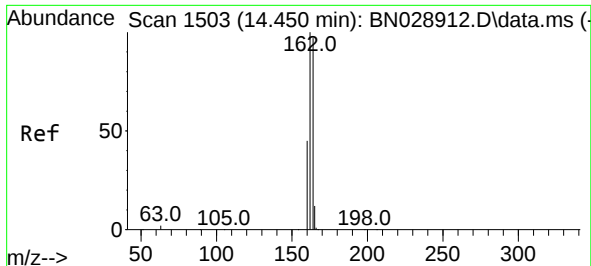
Tgt Ion: 82 Resp: 2012
 Ion Ratio Lower Upper
 82 100
 128 41.9 29.2 43.8
 54 56.9 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.246 ng
 RT: 12.170 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

Tgt Ion: 152 Resp: 3160
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.7 25.1

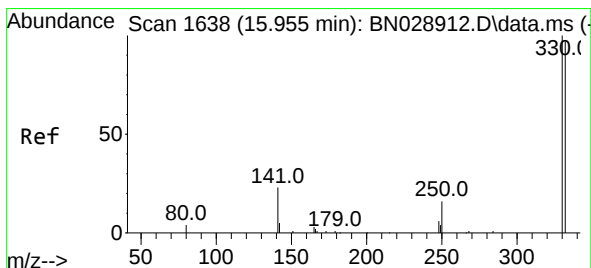
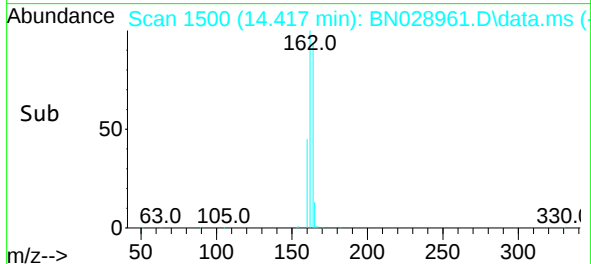
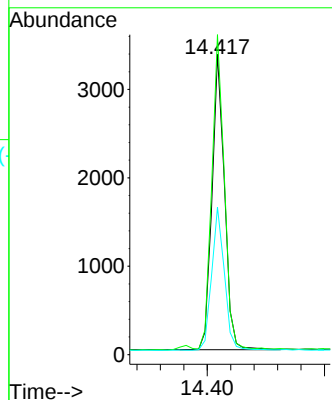
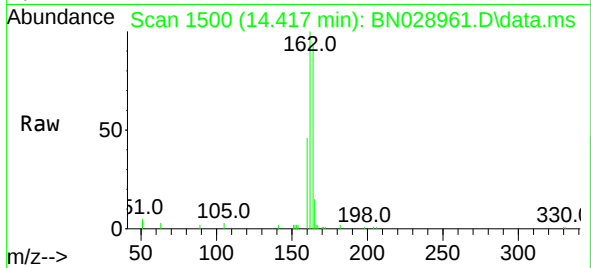




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.417 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

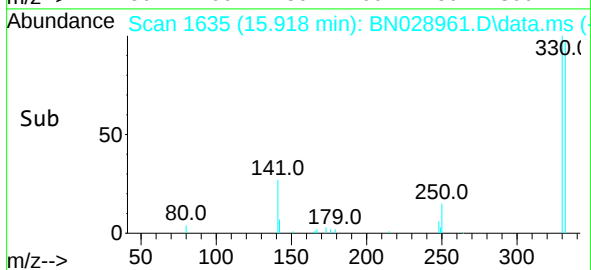
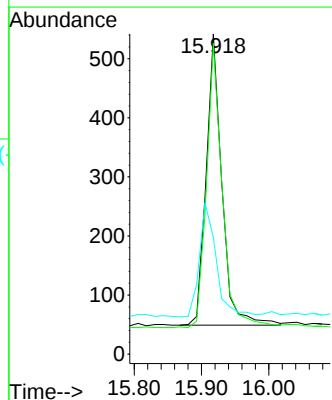
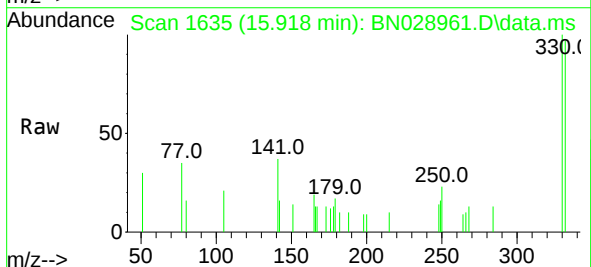
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

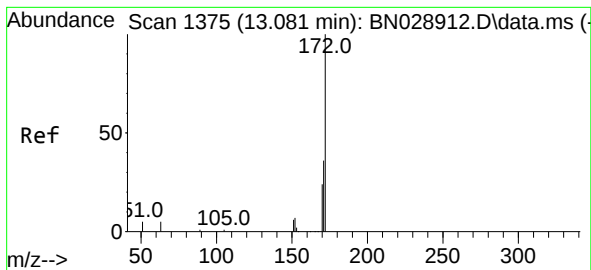
Tgt Ion:164 Resp: 4955
Ion Ratio Lower Upper
164 100
162 106.6 81.7 122.5
160 49.1 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Tgt Ion:330 Resp: 804
Ion Ratio Lower Upper
330 100
332 97.6 75.4 113.2
141 41.9 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.446 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028961.D

Acq: 01 Dec 2023 23:37

Instrument :

BNA_N

ClientSampleId :

RE132D5-20231108

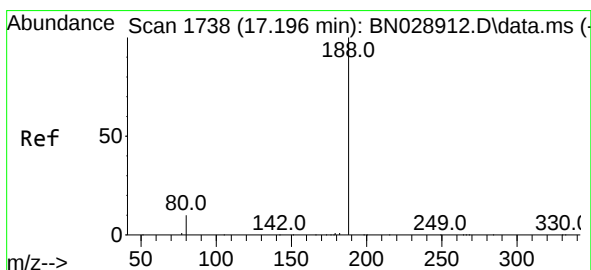
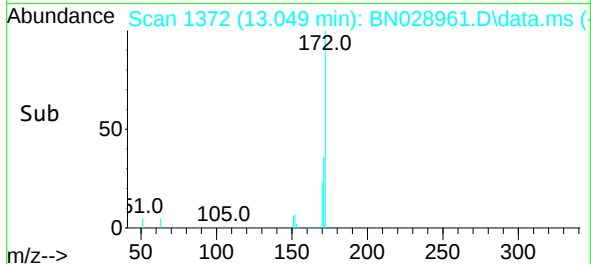
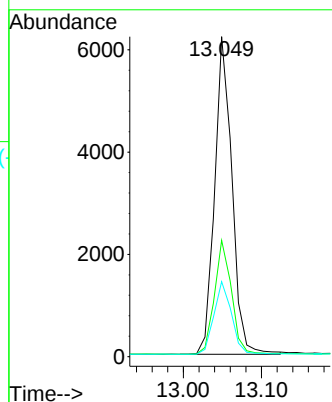
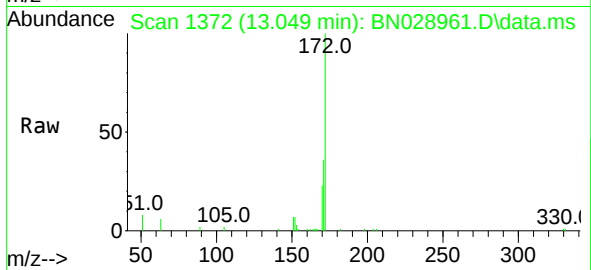
Tgt Ion:172 Resp: 9536

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 23.4 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.171 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BN028961.D

Acq: 01 Dec 2023 23:37

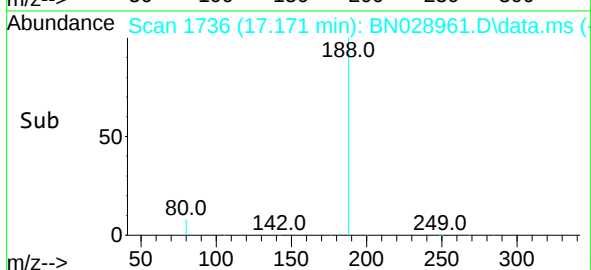
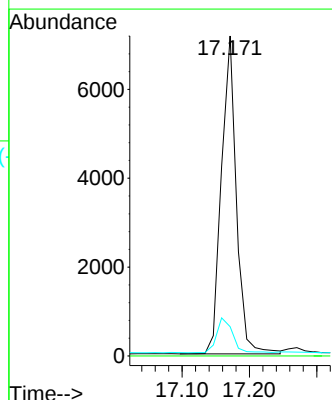
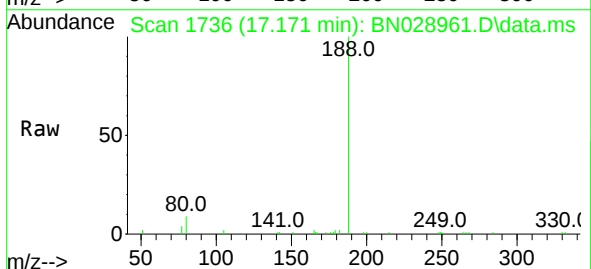
Tgt Ion:188 Resp: 11024

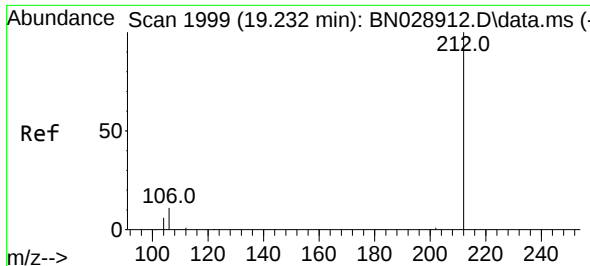
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

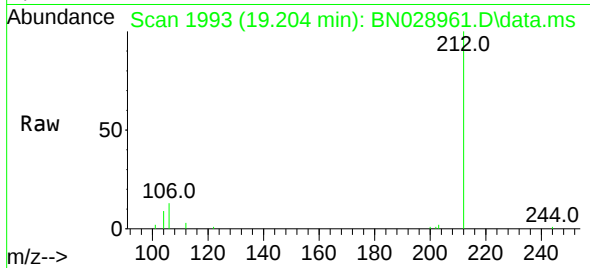
80 9.1 9.0 13.6



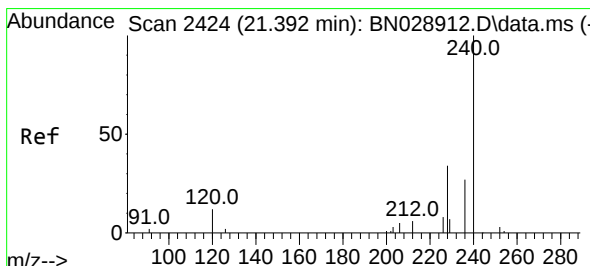
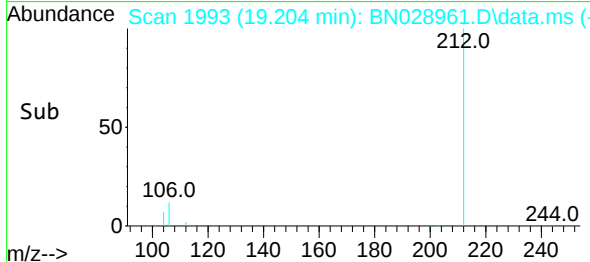
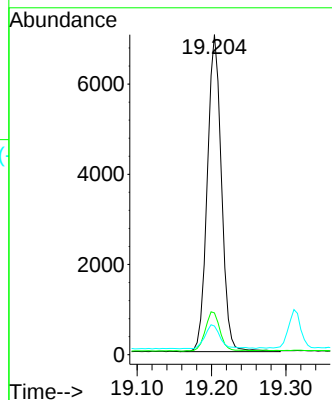


#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

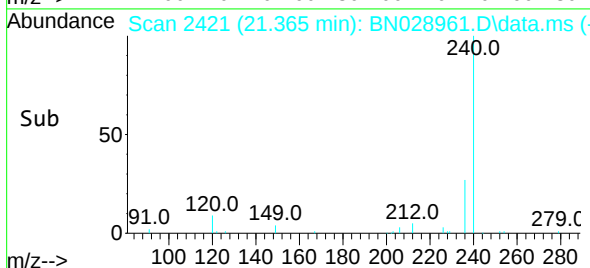
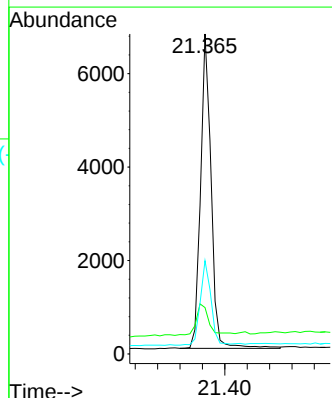
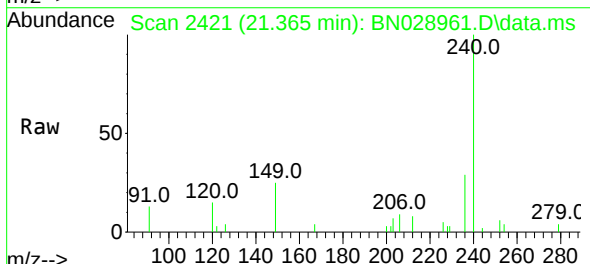


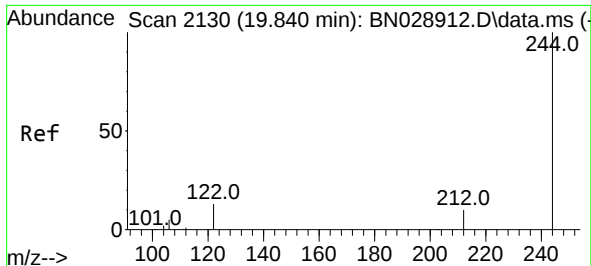
Tgt Ion:212 Resp: 9326
Ion Ratio Lower Upper
212 100
106 13.1 9.4 14.2
104 8.3 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Tgt Ion:240 Resp: 8822
Ion Ratio Lower Upper
240 100
120 14.5 37.1 55.7#
236 29.2 32.4 48.6#

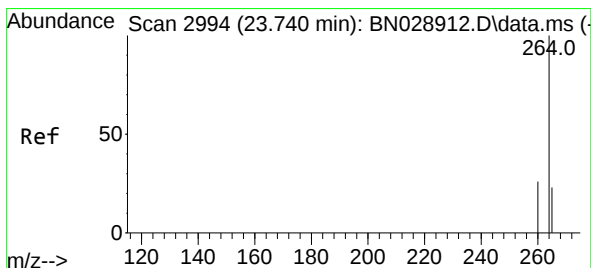
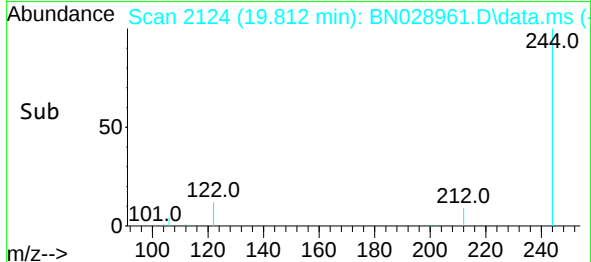
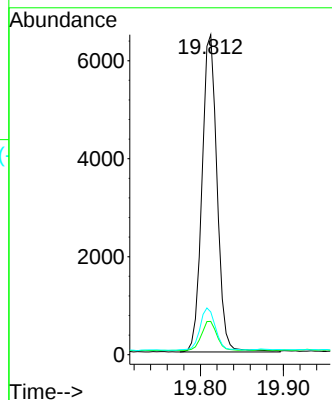
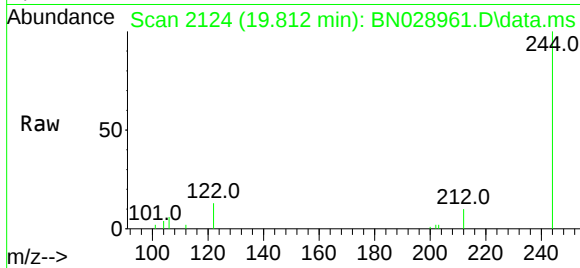




#31
 Terphenyl-d14
 Concen: 0.353 ng
 RT: 19.812 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20231108

Tgt Ion:244 Resp: 8191
 Ion Ratio Lower Upper
 244 100
 212 10.4 11.5 17.3#
 122 13.3 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.696 min Scan# 2979
 Delta R.T. -0.012 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

Tgt Ion:264 Resp: 8141
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.6 30.8
 265 84.2 464.5 696.7#

