

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)

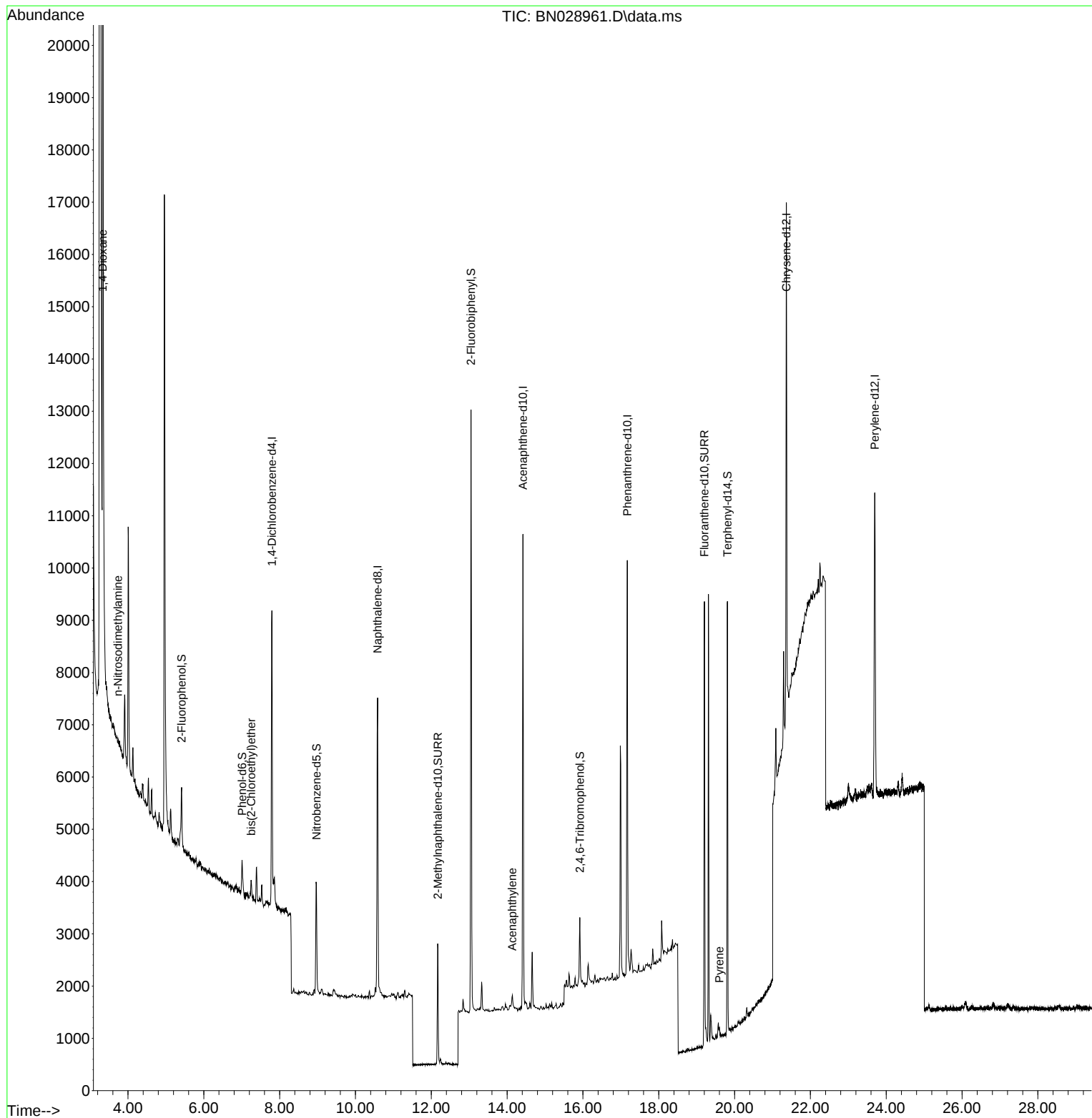
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	2735	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	8003	0.400	ng	0.00
13) Acenaphthene-d10	14.417	164	4955	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	11024	0.400	ng	0.00
29) Chrysene-d12	21.365	240	8822	0.400	ng	# 0.00
35) Perylene-d12	23.696	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						Qvalue
2) 1,4-Dioxane	3.333	88	12697	4.740	ng	94
3) n-Nitrosodimethylamine	3.738	42	19	0.096	ng	# 14
6) bis(2-Chloroethyl)ether	7.248	93	282	0.036	ng	87
16) Acenaphthylene	14.139	152	630	0.024	ng	95
30) Pyrene	19.599	202	184	0.097	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.293	149	1879	Below Cal		# 87

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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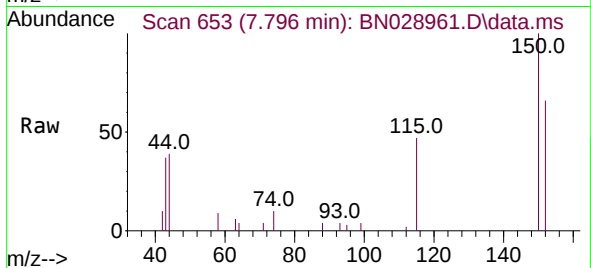
Quant Time: Dec 02 03:16:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





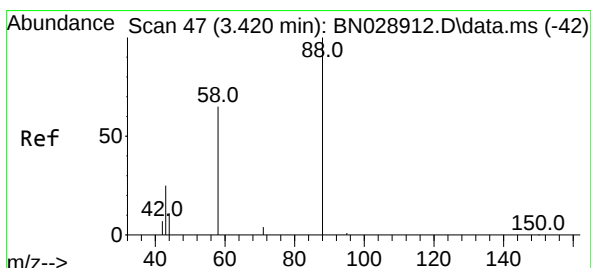
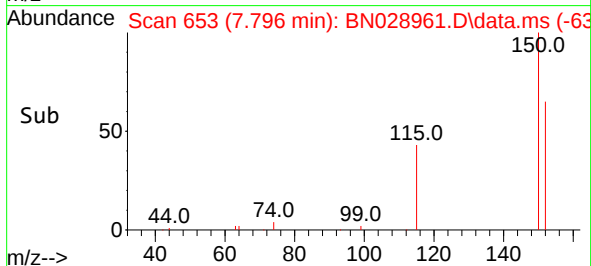
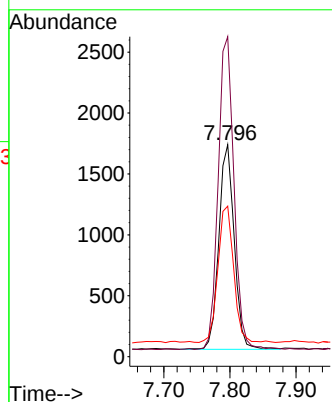
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.796 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20231108



Tgt Ion:152 Resp: 2735

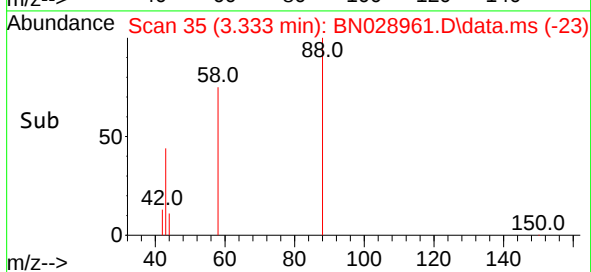
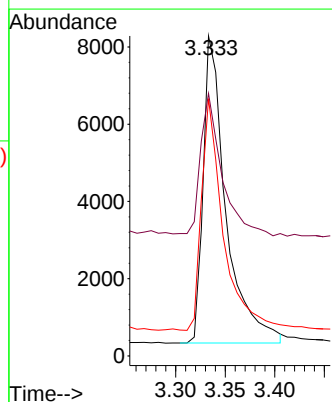
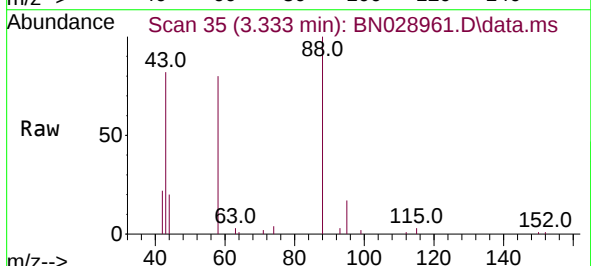
Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.4	185.2
115	71.0	59.1	88.7



#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

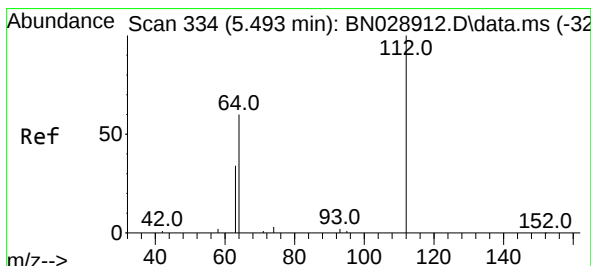
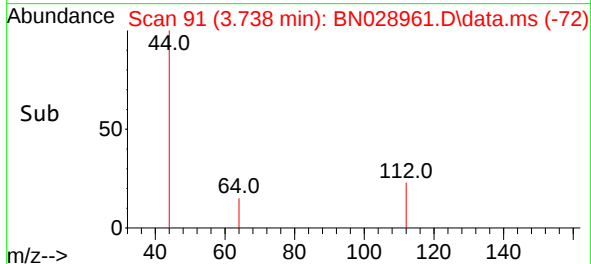
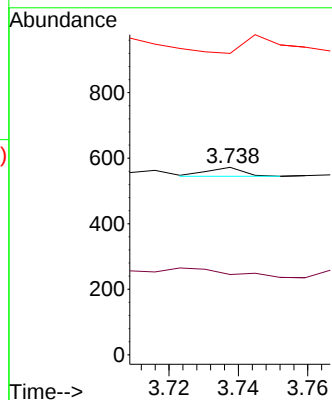
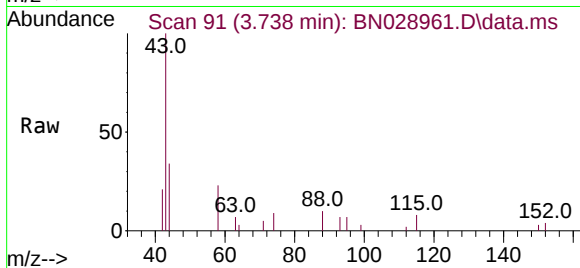




#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.036 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

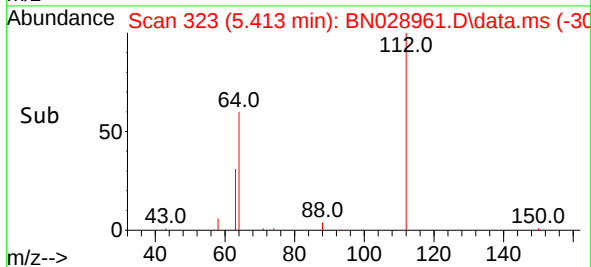
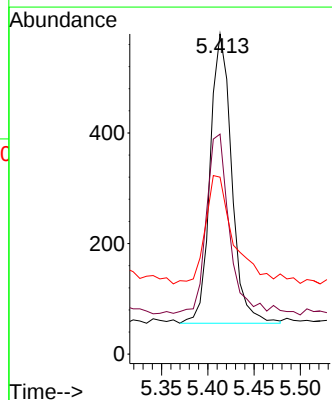
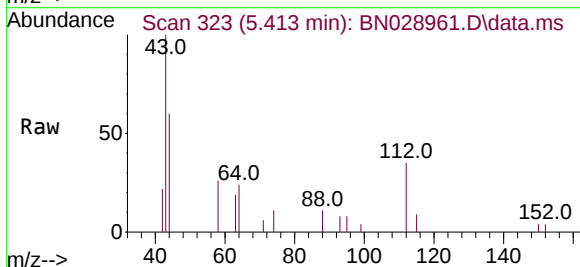
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 268.4 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

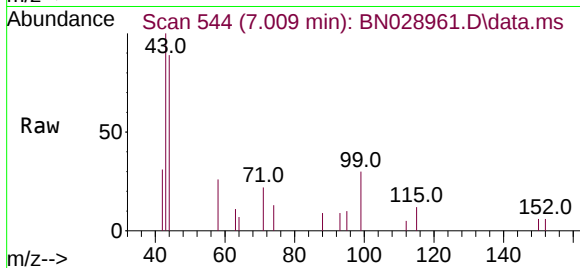
Tgt Ion: 112 Resp: 847
Ion Ratio Lower Upper
112 100
64 69.7 51.5 77.3
63 50.8 30.4 45.6#





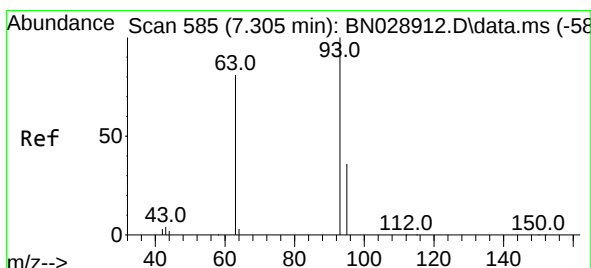
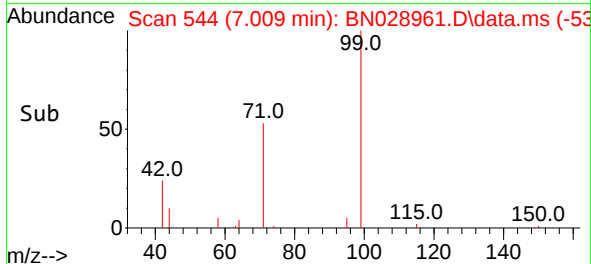
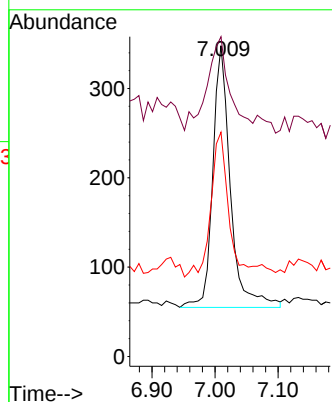
#5
Phenol-d6
Concen: 0.062 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108



Tgt Ion: 99 Resp: 567

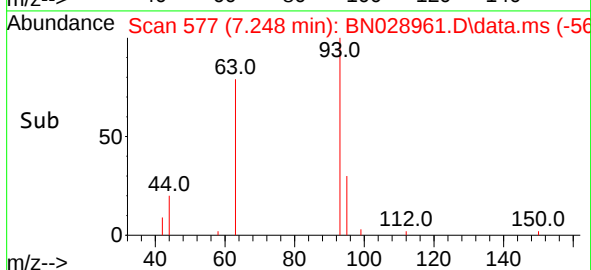
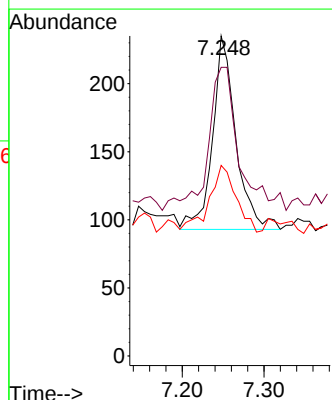
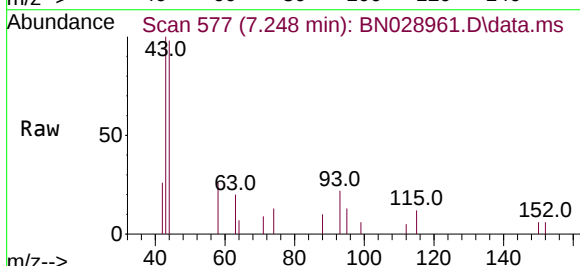
Ion	Ratio	Lower	Upper
99	100		
42	46.6	21.2	31.8#
71	54.5	35.4	53.0#

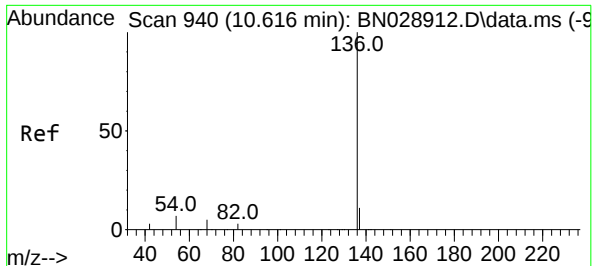


#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

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

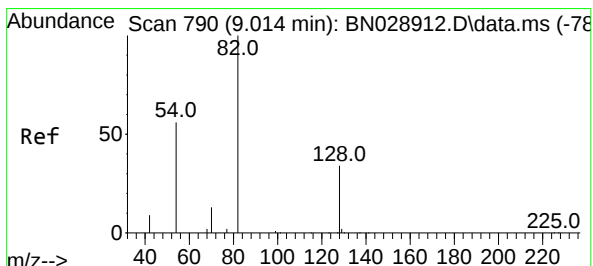
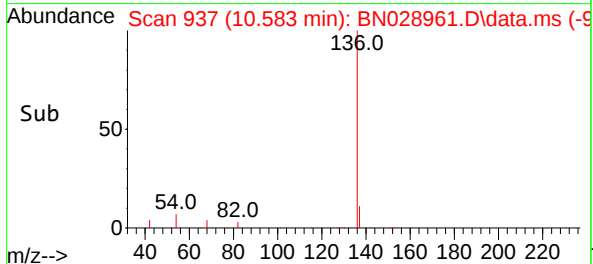
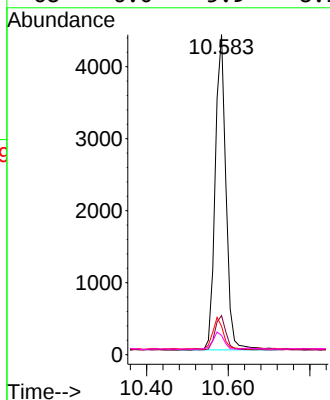
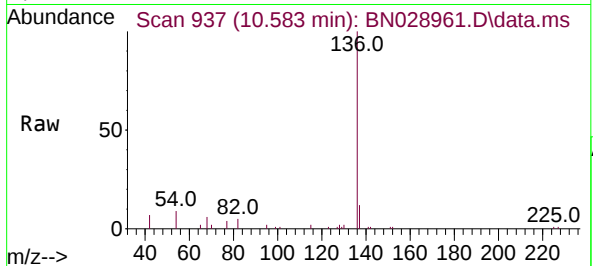




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

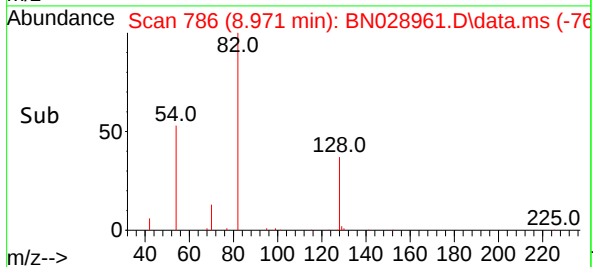
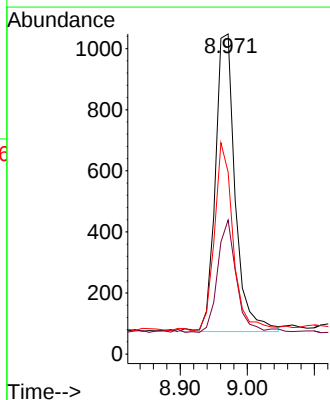
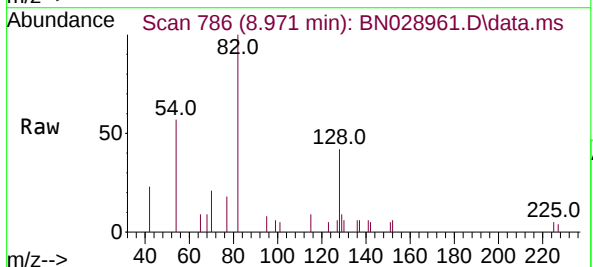
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

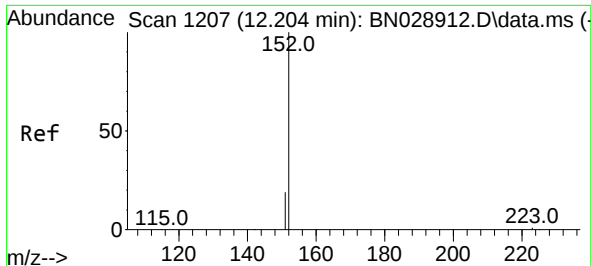
Tgt Ion:	136	Resp:	8003
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.6	16.0
54	8.9	7.5	11.3
68	6.0	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

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

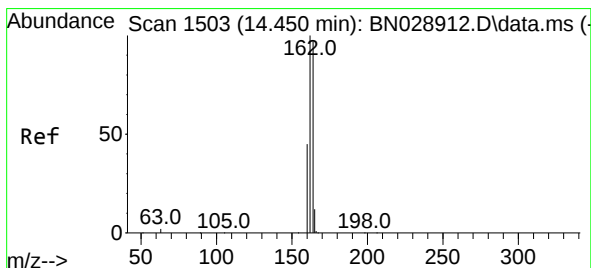
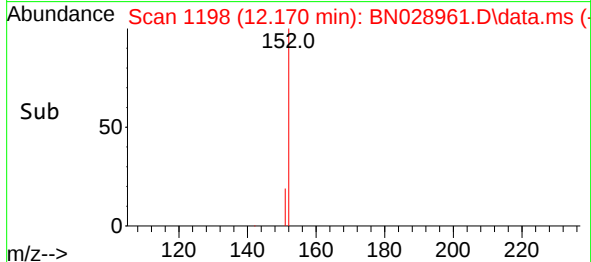
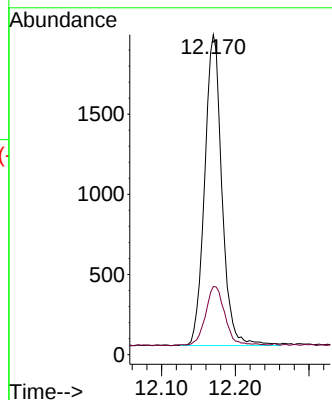
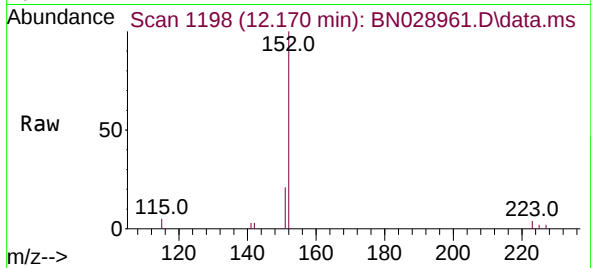




#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.170 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

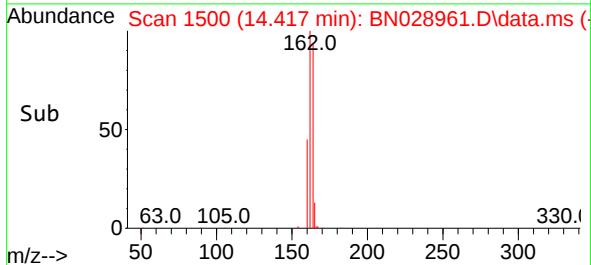
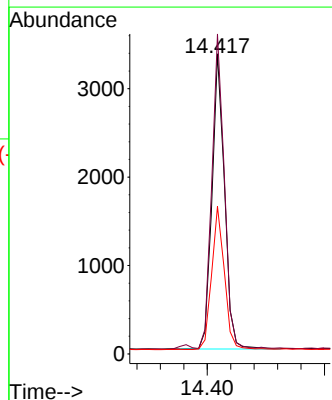
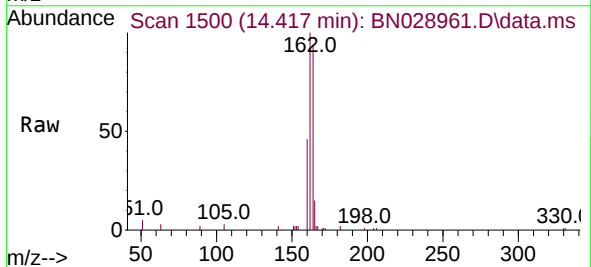
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

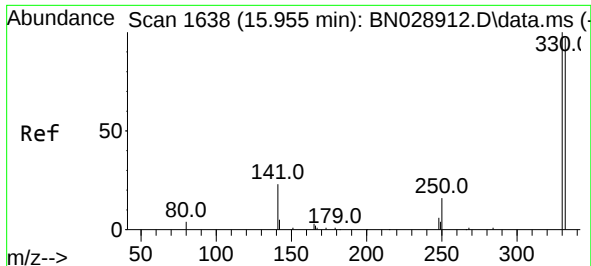
Tgt Ion:152 Resp: 3160
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1



#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

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

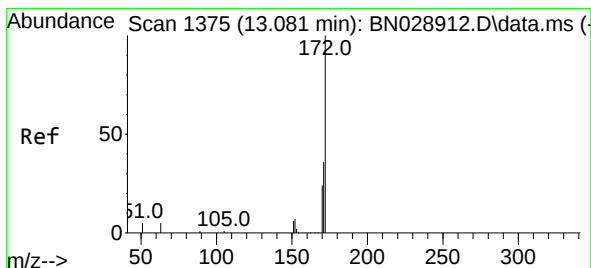
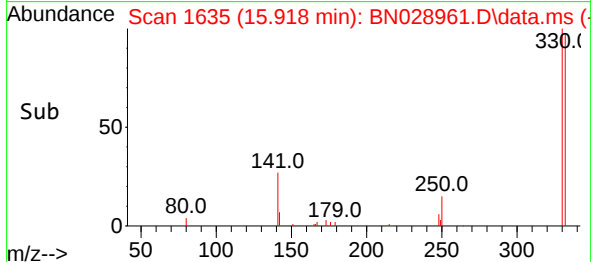
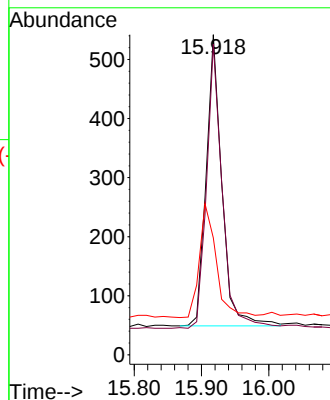
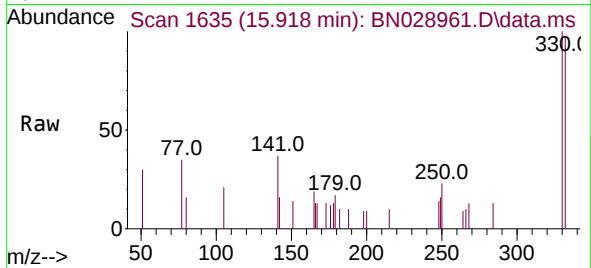




#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

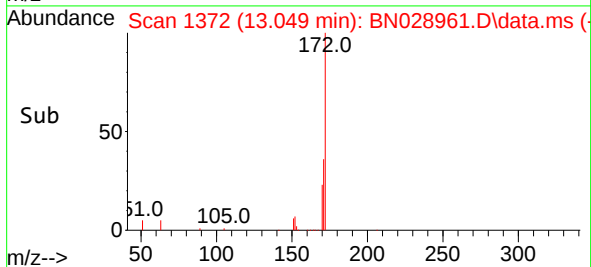
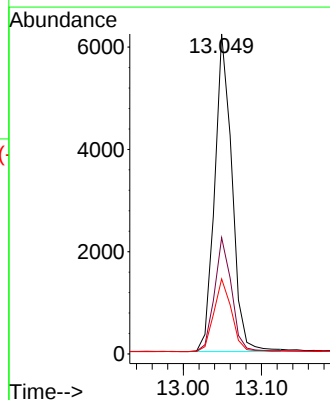
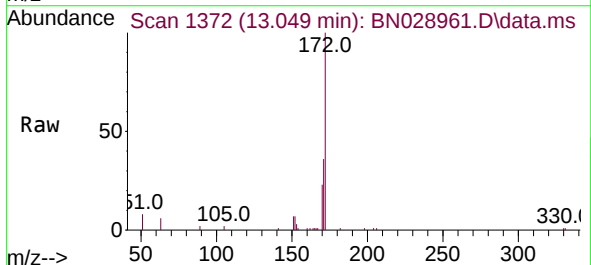
Instrument :
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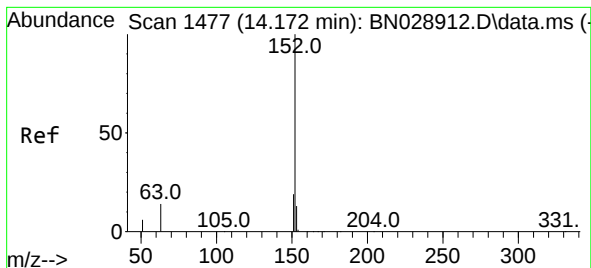
Tgt Ion:330 Resp: 804
Ion Ratio Lower Upper
330 100
332 97.6 75.4 113.2
141 41.9 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 13.049 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

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





#16

Acenaphthylene

Concen: 0.024 ng

RT: 14.139 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN028961.D

Acq: 01 Dec 2023 23:37

Instrument :

BNA_N

ClientSampleId :

RE132D5-20231108

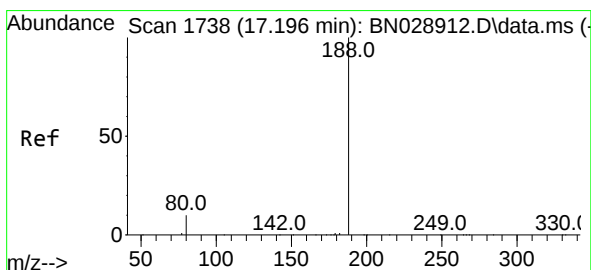
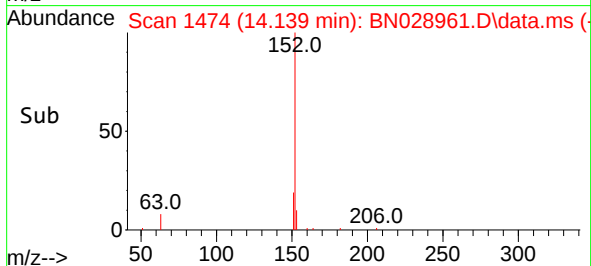
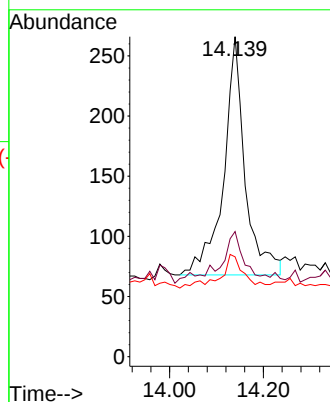
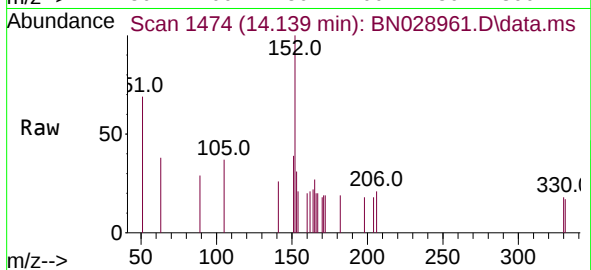
Tgt Ion:152 Resp: 630

Ion Ratio Lower Upper

152 100

151 17.0 15.9 23.9

153 12.7 10.8 16.2



#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

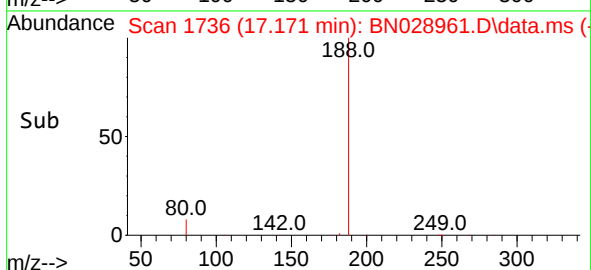
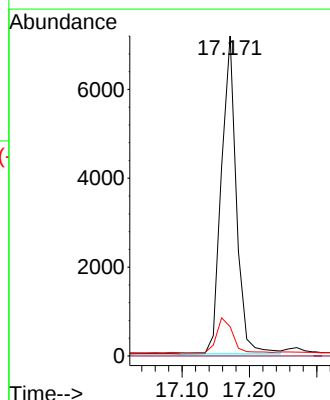
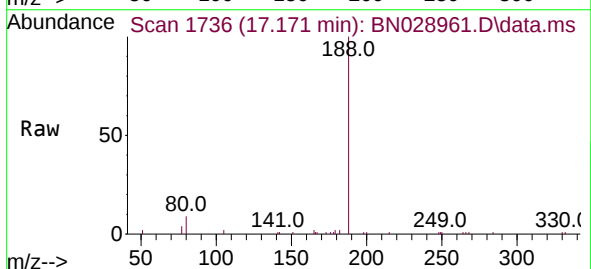
Tgt Ion:188 Resp: 11024

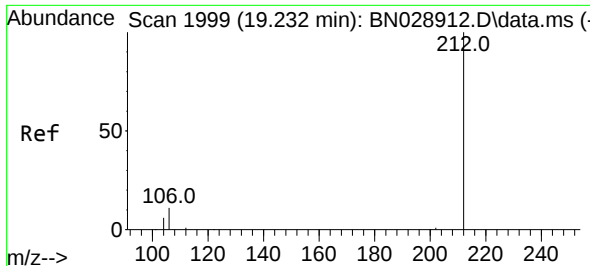
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 9.0 13.6

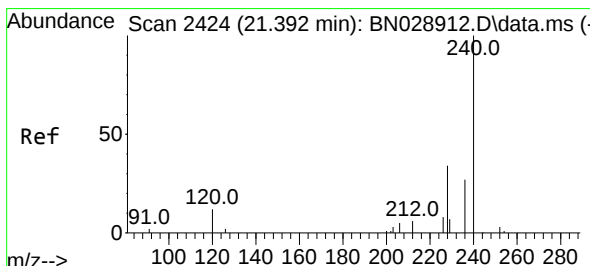
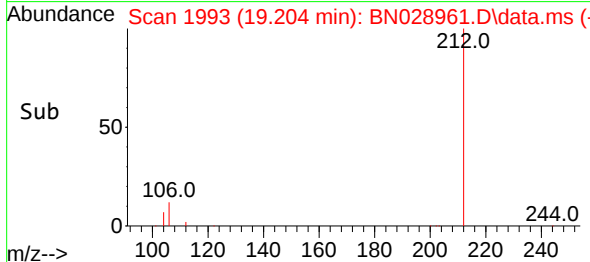
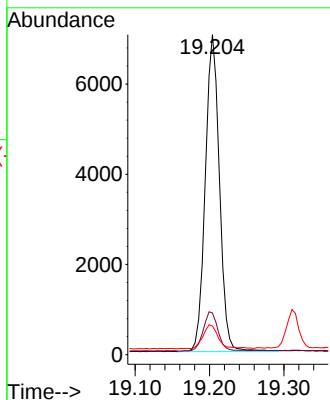
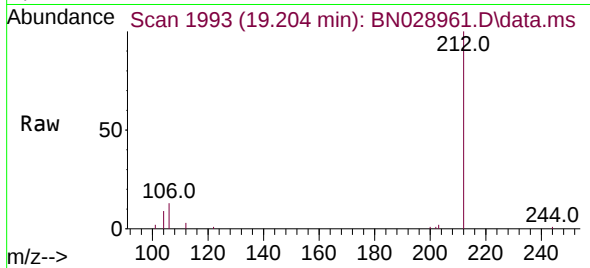




#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

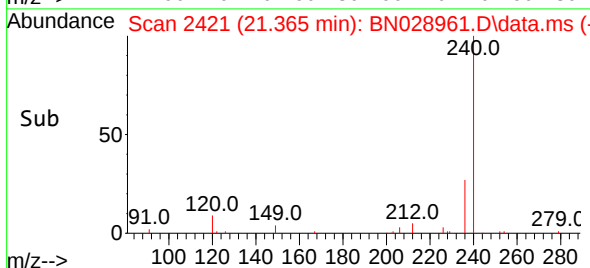
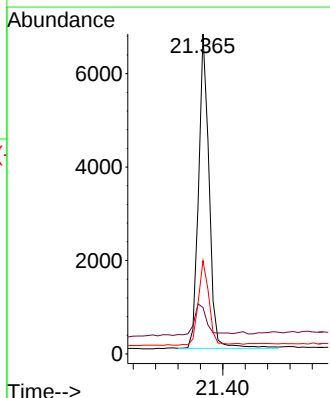
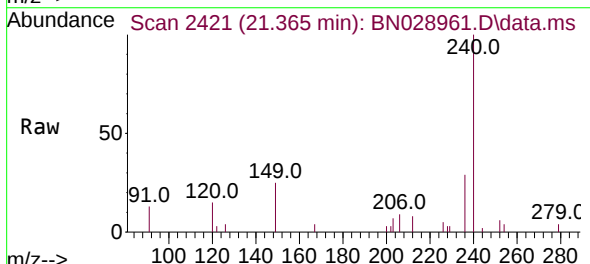
Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

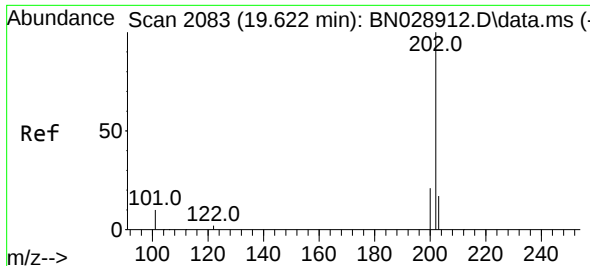
Tgt Ion:212 Resp: 9326
Ion Ratio Lower Upper
212 100
106 13.1 9.4 14.2
104 8.3 6.2 9.2



#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#

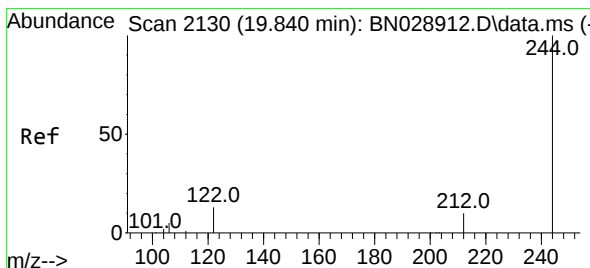
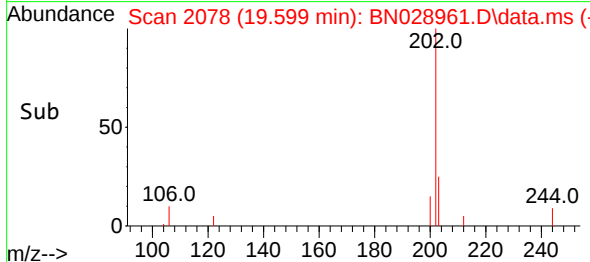
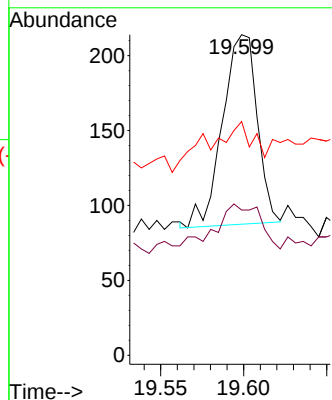
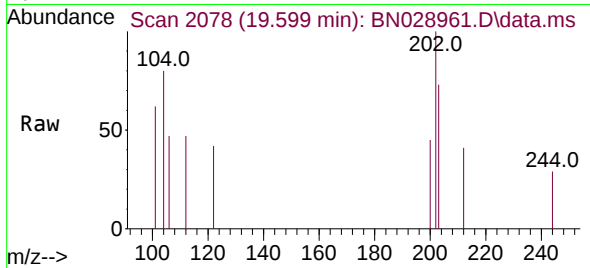




#30
 Pyrene
 Concen: 0.097 ng
 RT: 19.599 min Scan# 2083
 Delta R.T. -0.005 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

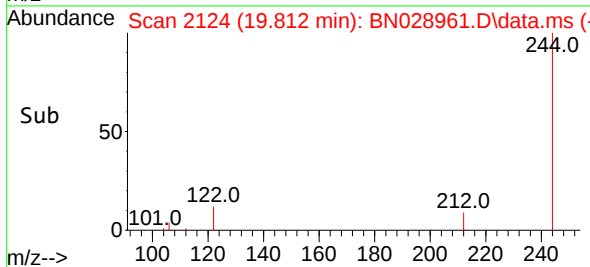
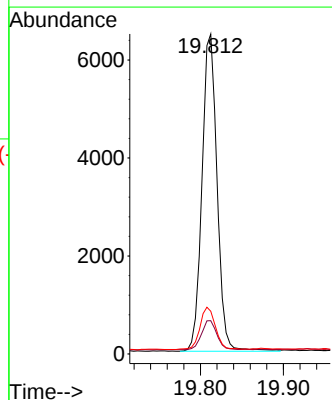
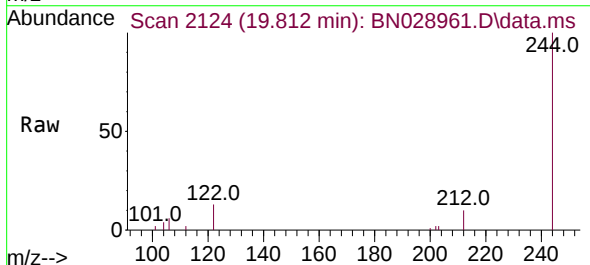
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20231108

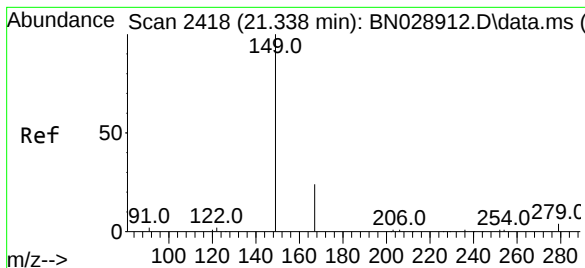
Tgt Ion:202 Resp: 184
 Ion Ratio Lower Upper
 202 100
 200 29.9 16.9 25.3#
 203 10.9 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.353 ng
 RT: 19.812 min Scan# 2124
 Delta R.T. -0.005 min
 Lab File: BN028961.D
 Acq: 01 Dec 2023 23:37

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

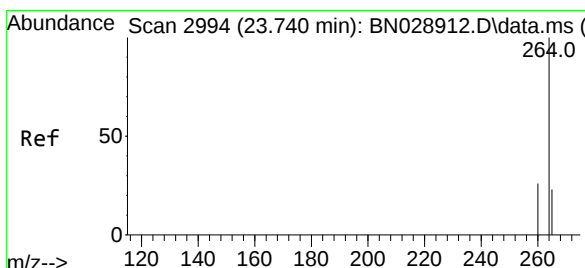
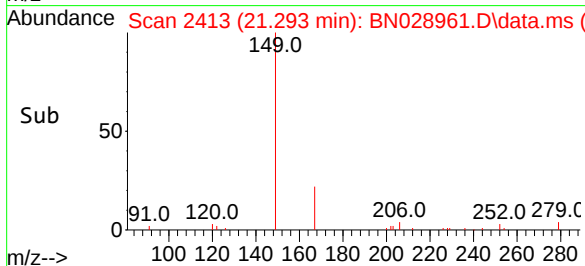
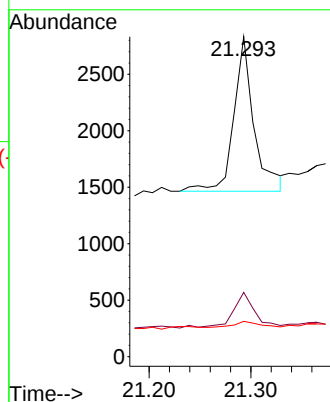
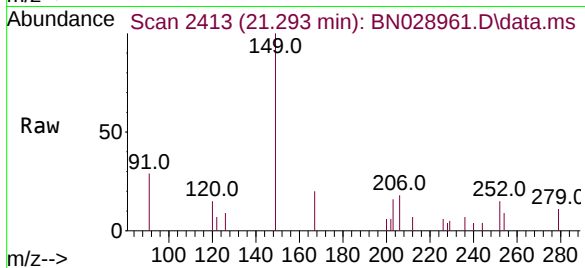




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.293 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BN028961.D
Acq: 01 Dec 2023 23:37

Instrument :
BNA_N
ClientSampleId :
RE132D5-20231108

Tgt Ion:149 Resp: 1879
Ion Ratio Lower Upper
149 100
167 25.4 14.9 22.3#
279 5.6 6.3 9.5#



#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#

