

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028964.D
 Acq On : 02 Dec 2023 01:26
 Operator : MA/JU
 Sample : 05358-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20231108

Quant Time: Dec 02 03:16:57 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)

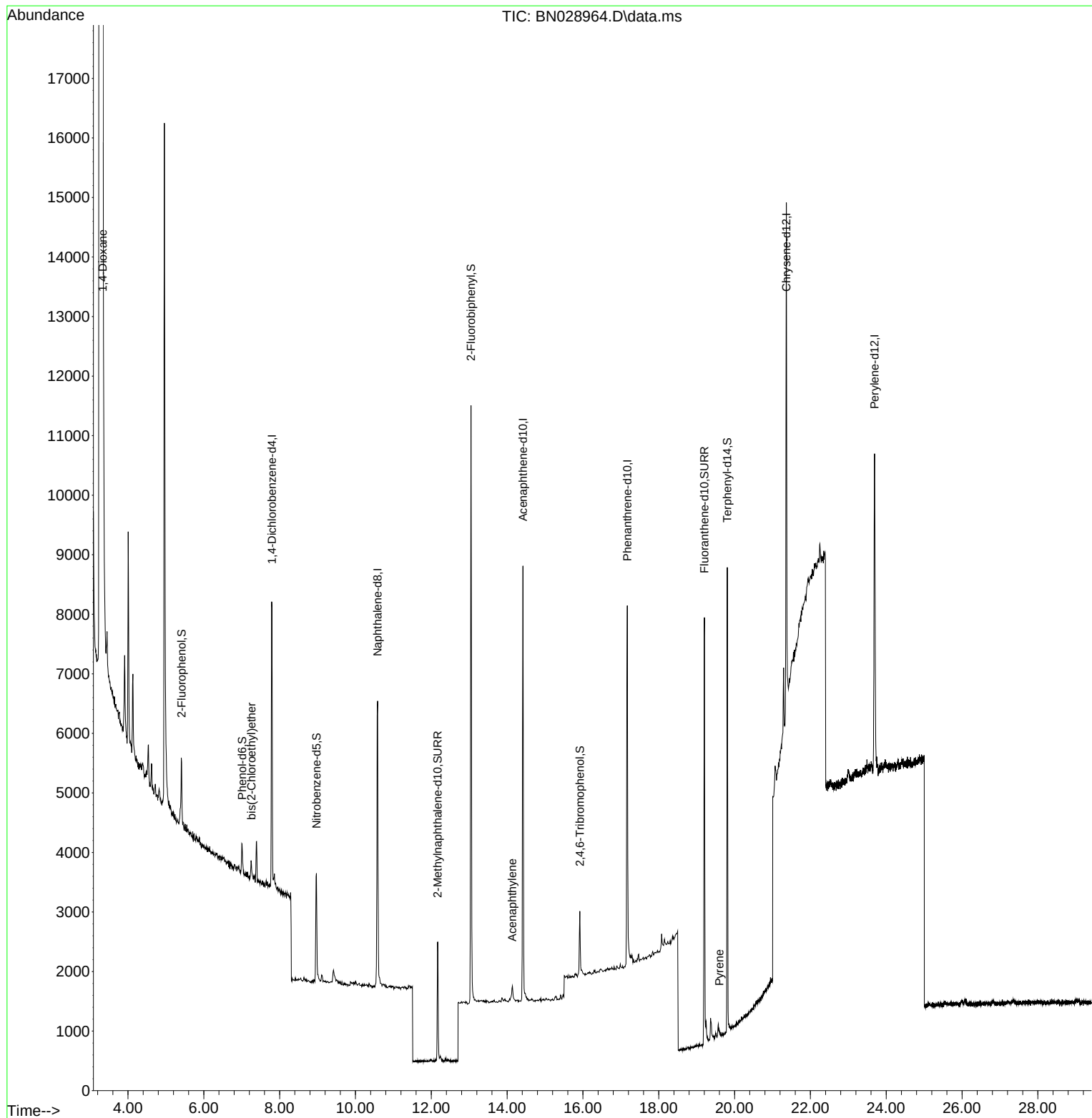
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2355	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	7035	0.400	ng	# 0.00
13) Acenaphthene-d10	14.418	164	4195	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9251	0.400	ng	# 0.00
29) Chrysene-d12	21.365	240	7902	0.400	ng	# 0.00
35) Perylene-d12	23.693	264	7295	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	781	0.109	ng	0.00
5) Phenol-d6	7.010	99	470	0.059	ng	0.00
8) Nitrobenzene-d5	8.971	82	1807	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	2905	0.257	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	689	0.243	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	8481	0.468	ng	0.00
27) Fluoranthene-d10	19.204	212	8243	0.339	ng	0.00
31) Terphenyl-d14	19.808	244	7525	0.358	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	10153	4.402	ng	96
6) bis(2-Chloroethyl)ether	7.255	93	239	0.036	ng	97
16) Acenaphthylene	14.140	152	620	0.028	ng	# 92
30) Pyrene	19.599	202	113	0.096	ng	# 79

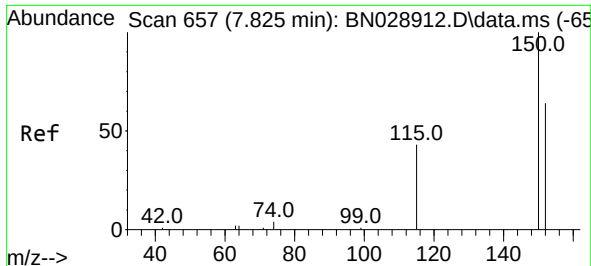
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028964.D
Acq On : 02 Dec 2023 01:26
Operator : MA/JU
Sample : 05358-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D6-20231108

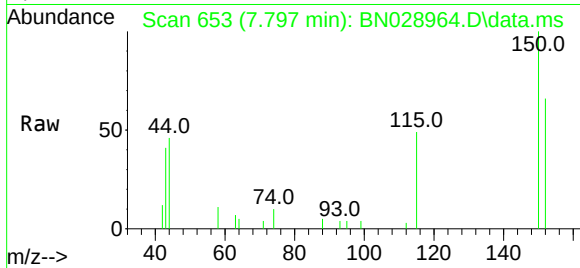
Quant Time: Dec 02 03:16:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



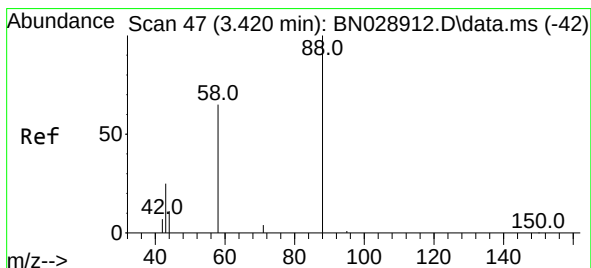
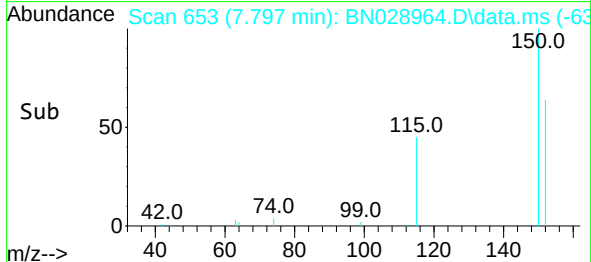
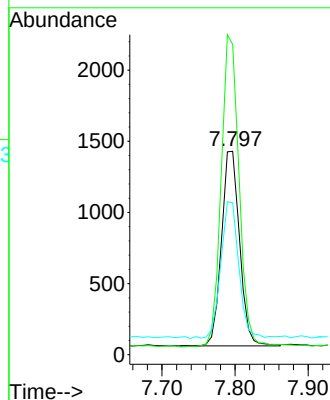


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028964.D
 Acq: 02 Dec 2023 01:26

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20231108

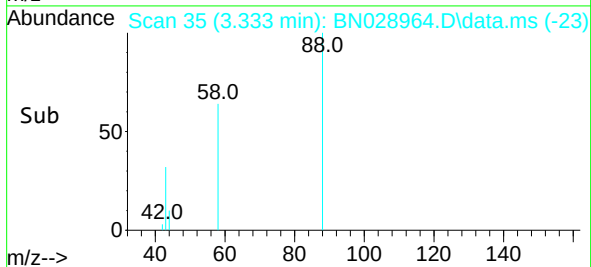
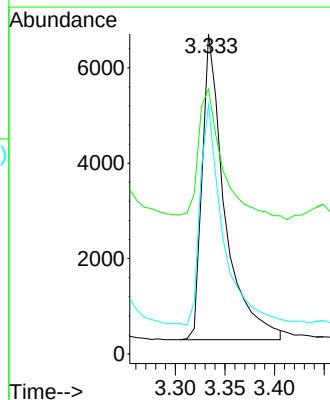
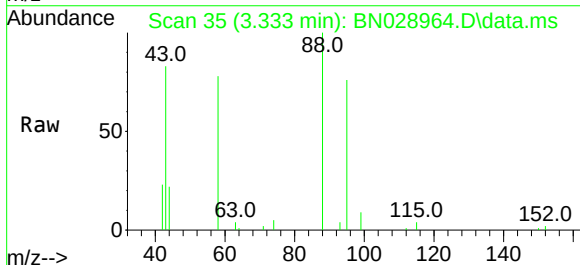


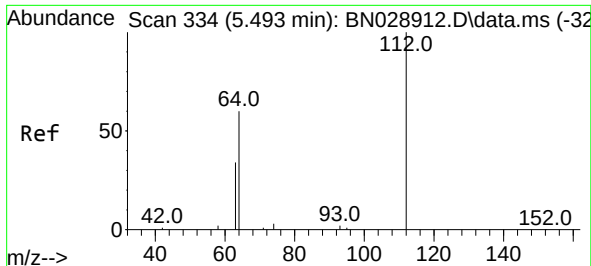
Tgt Ion:152 Resp: 2355
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.4 185.2
 115 74.7 59.1 88.7



#2
 1,4-Dioxane
 Concen: 4.402 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.014 min
 Lab File: BN028964.D
 Acq: 02 Dec 2023 01:26

Tgt Ion: 88 Resp: 10153
 Ion Ratio Lower Upper
 88 100
 43 41.5 29.9 44.9
 58 70.9 55.0 82.4

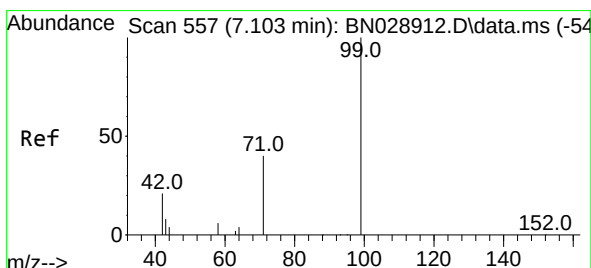
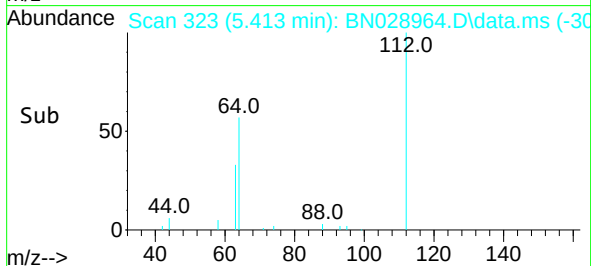
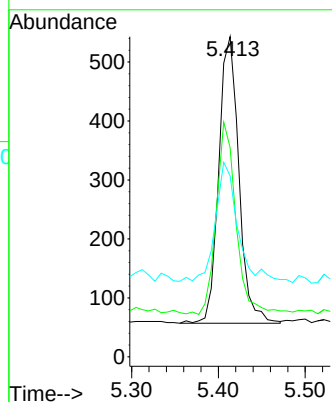
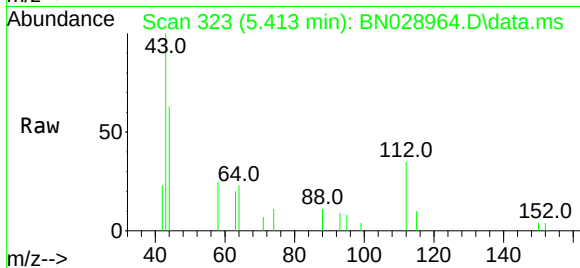




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.413 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

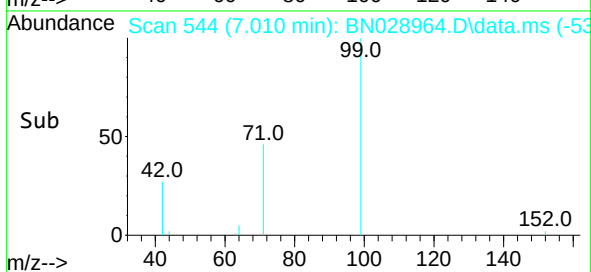
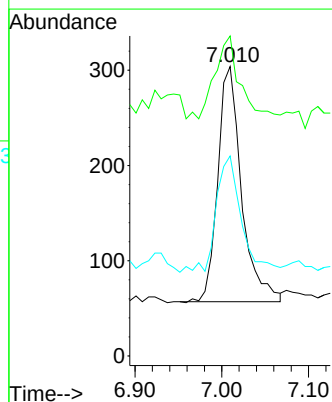
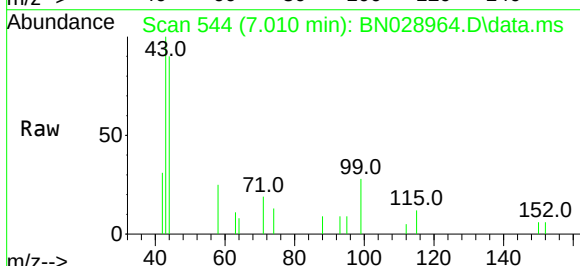
Instrument :
BNA_N
ClientSampleId :
RE132D6-20231108

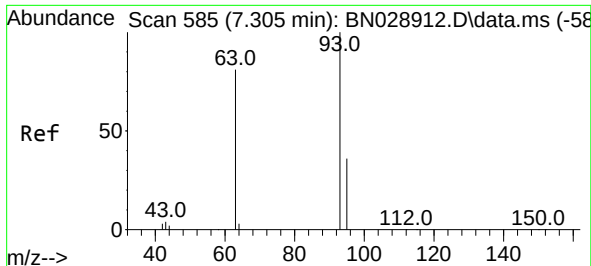
Tgt Ion:112 Resp: 781
Ion Ratio Lower Upper
112 100
64 65.7 51.5 77.3
63 47.5 30.4 45.6#



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.010 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

Tgt Ion: 99 Resp: 470
Ion Ratio Lower Upper
99 100
42 36.6 21.2 31.8#
71 51.9 35.4 53.0

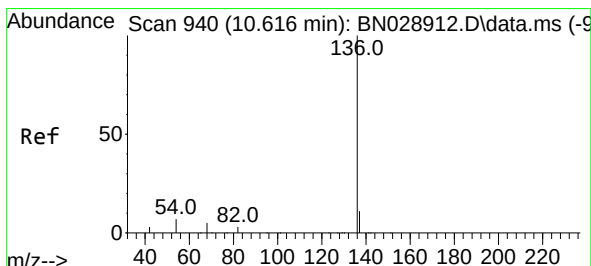
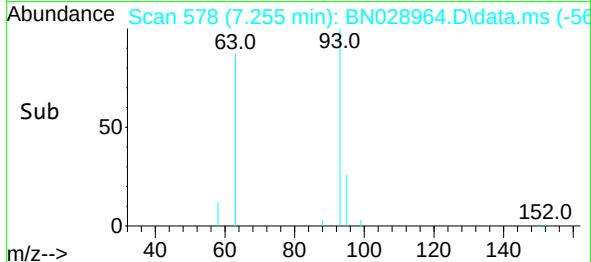
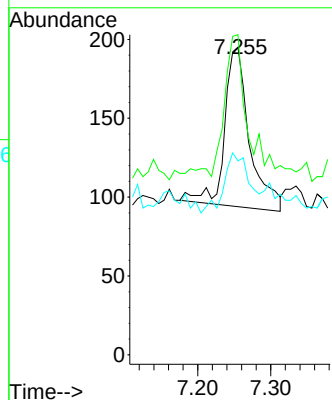
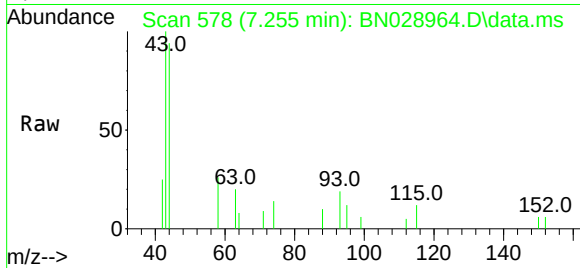




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.255 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

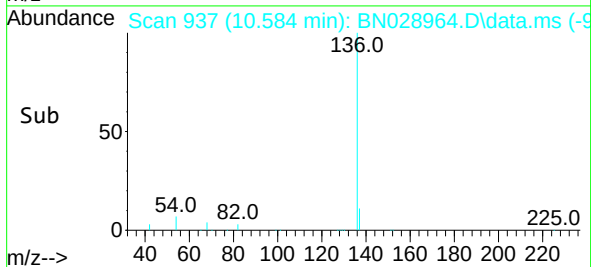
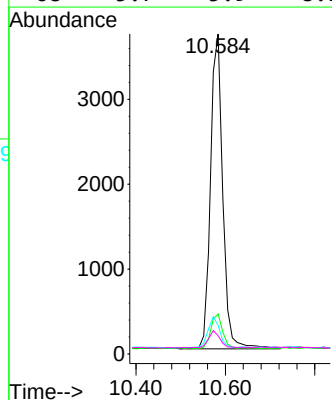
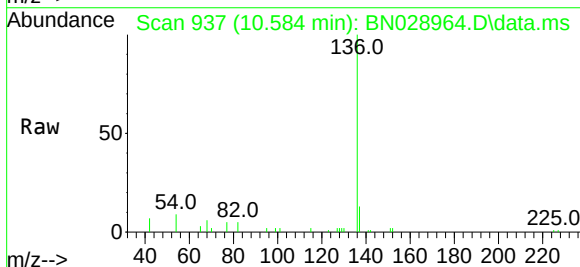
Instrument :
BNA_N
ClientSampleId :
RE132D6-20231108

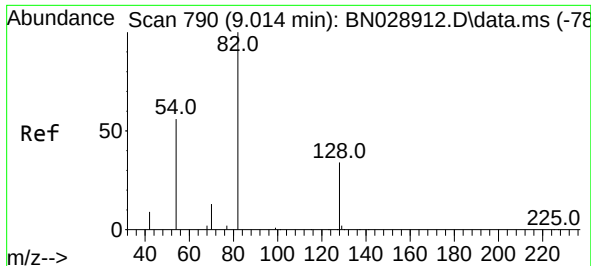
Tgt Ion: 93 Resp: 239
Ion Ratio Lower Upper
93 100
63 81.6 66.9 100.3
95 37.7 28.2 42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

Tgt Ion:136 Resp: 7035
Ion Ratio Lower Upper
136 100
137 12.5 10.6 16.0
54 8.9 7.5 11.3
68 5.7 5.9 8.9#

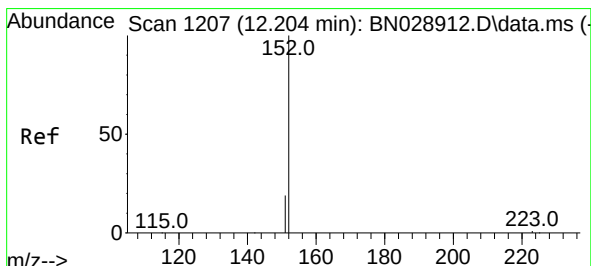
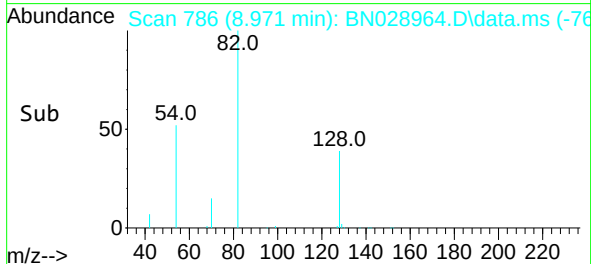
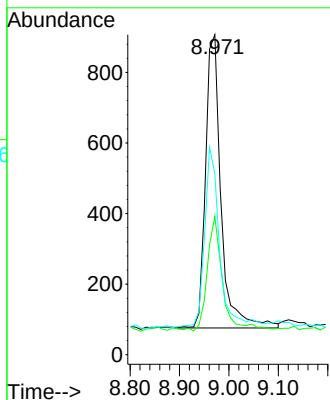
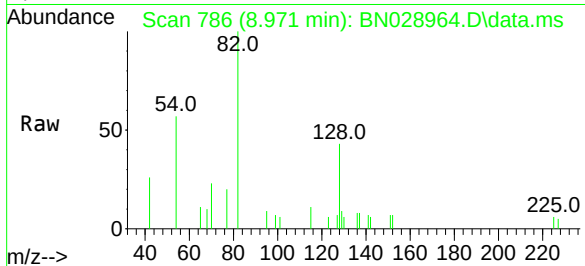




#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

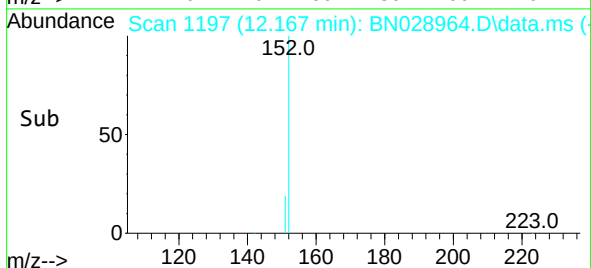
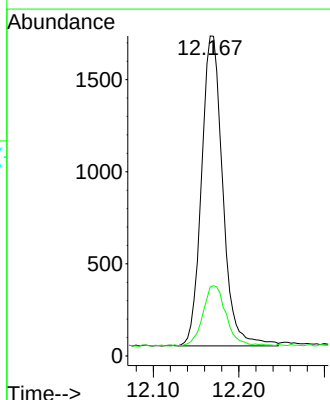
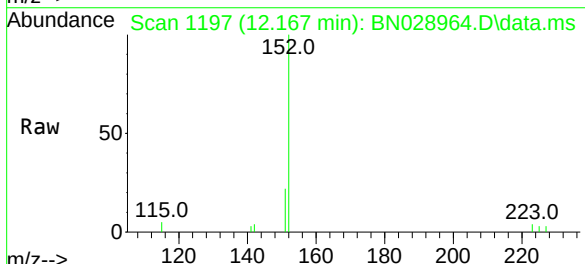
Instrument :
BNA_N
ClientSampleId :
RE132D6-20231108

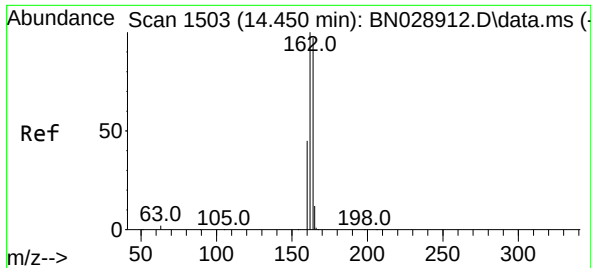
Tgt Ion: 82 Resp: 1807
Ion Ratio Lower Upper
82 100
128 43.2 29.2 43.8
54 56.6 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.167 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

Tgt Ion: 152 Resp: 2905
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1

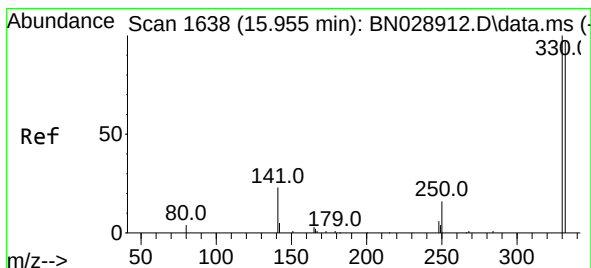
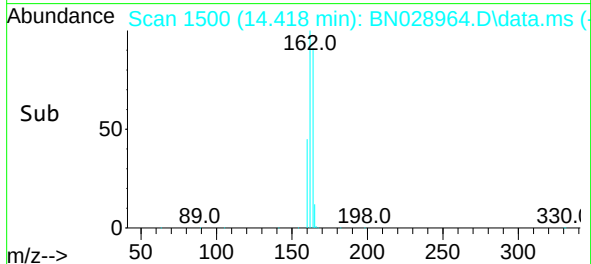
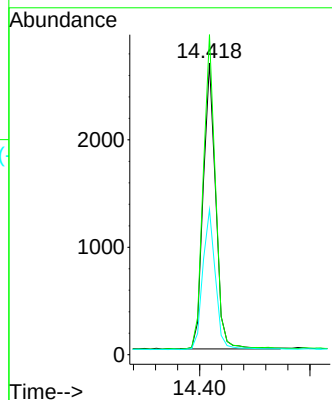
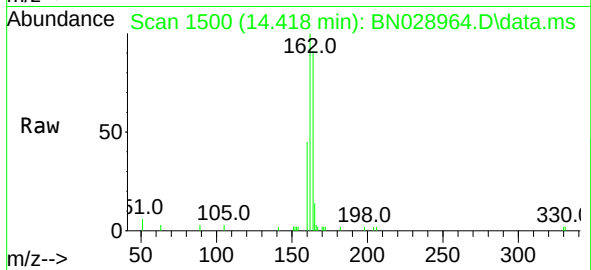




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.418 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

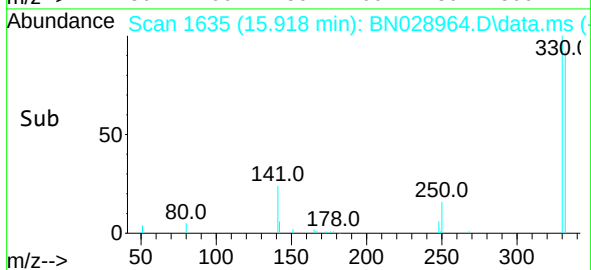
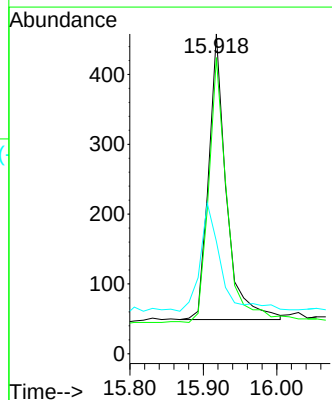
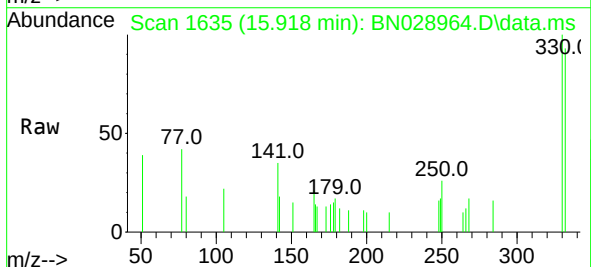
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ClientSampleId :
RE132D6-20231108

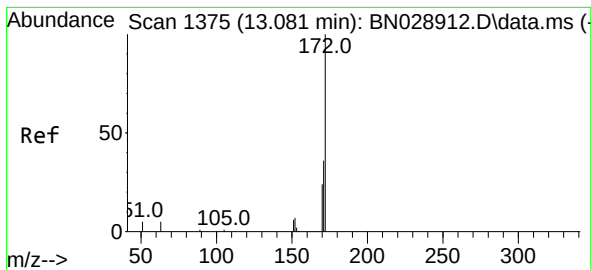
Tgt Ion:164 Resp: 4195
Ion Ratio Lower Upper
164 100
162 109.7 81.7 122.5
160 49.8 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

Tgt Ion:330 Resp: 689
Ion Ratio Lower Upper
330 100
332 96.8 75.4 113.2
141 40.9 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.468 ng

RT: 13.049 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028964.D

Acq: 02 Dec 2023 01:26

Instrument :

BNA_N

ClientSampleId :

RE132D6-20231108

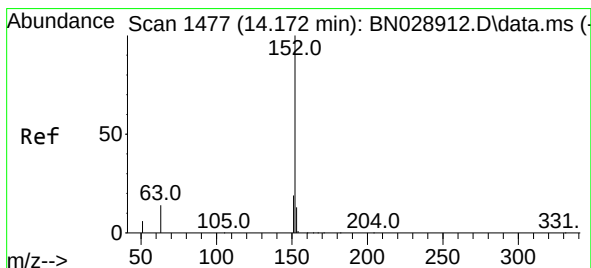
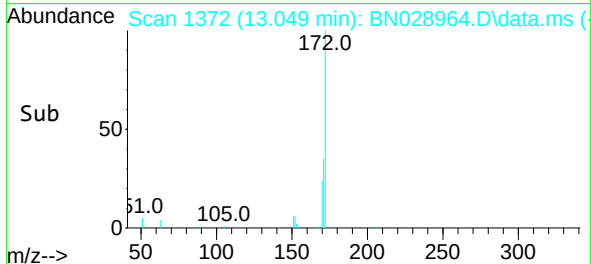
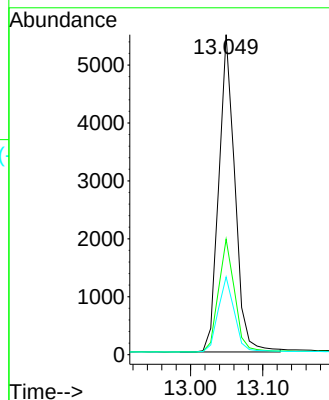
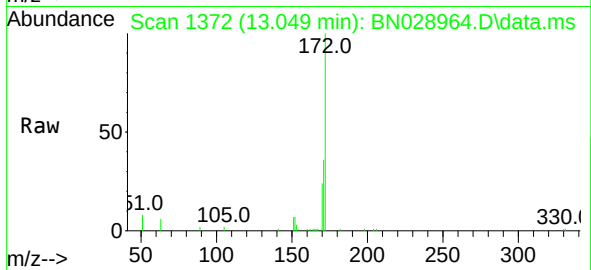
Tgt Ion:172 Resp: 8481

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 24.3 19.7 29.5



#16

Acenaphthylene

Concen: 0.028 ng

RT: 14.140 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BN028964.D

Acq: 02 Dec 2023 01:26

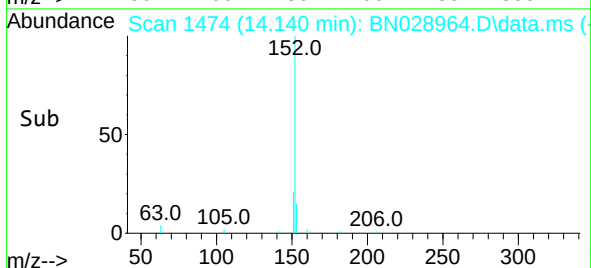
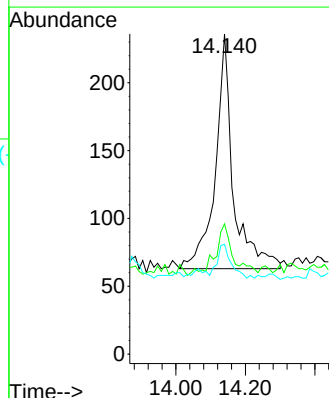
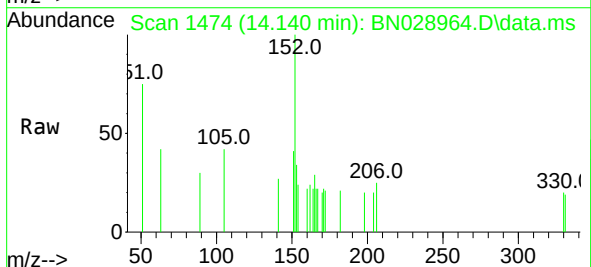
Tgt Ion:152 Resp: 620

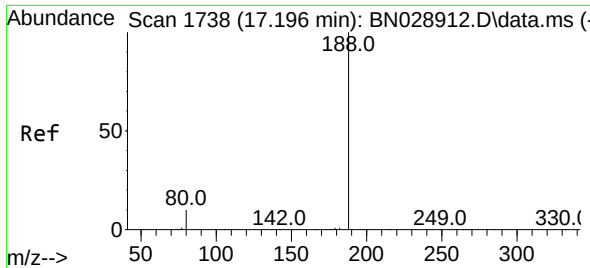
Ion Ratio Lower Upper

152 100

151 15.3 15.9 23.9#

153 11.8 10.8 16.2

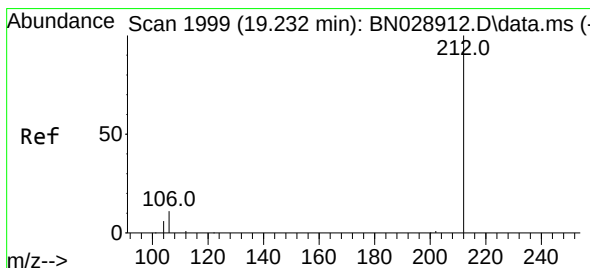
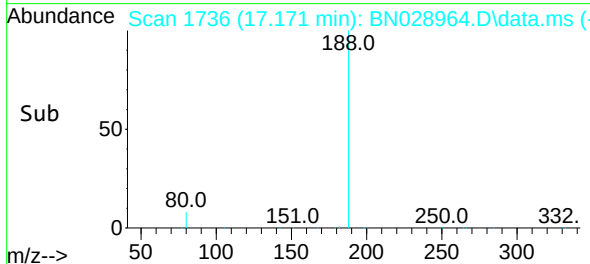
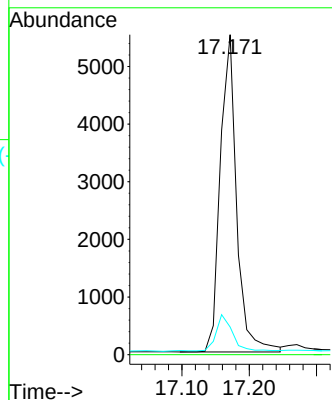
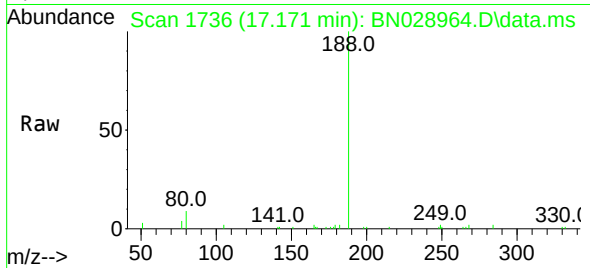




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

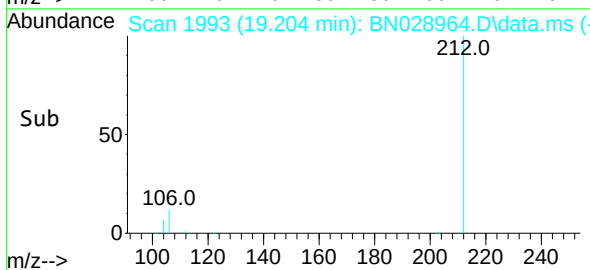
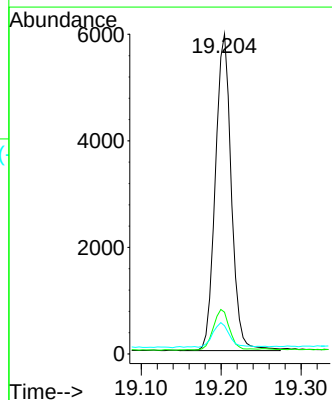
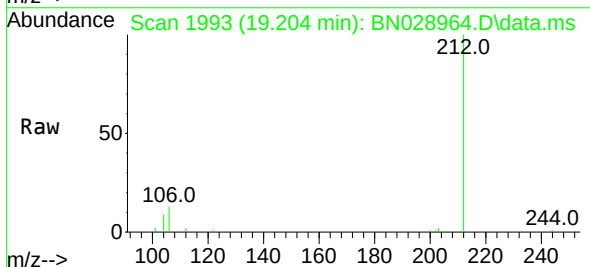
Instrument :
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RE132D6-20231108

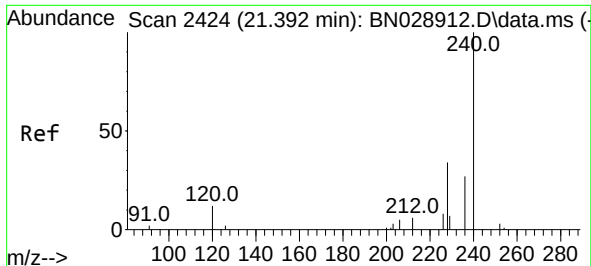
Tgt Ion:188 Resp: 9251
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

Tgt Ion:212 Resp: 8243
Ion Ratio Lower Upper
212 100
106 13.1 9.4 14.2
104 8.2 6.2 9.2

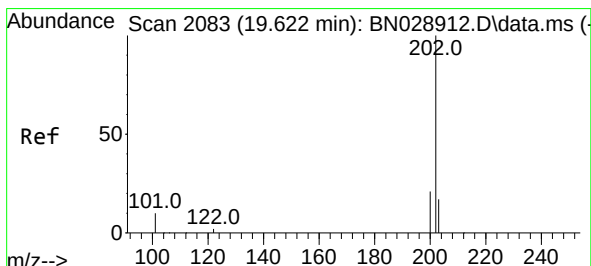
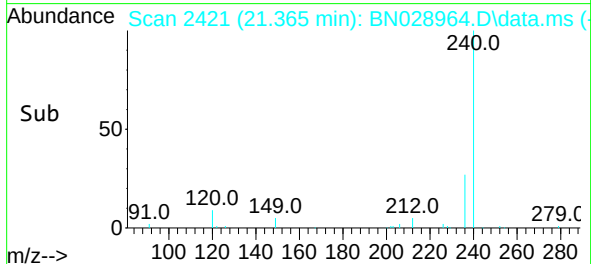
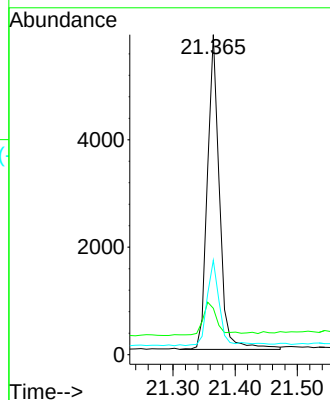
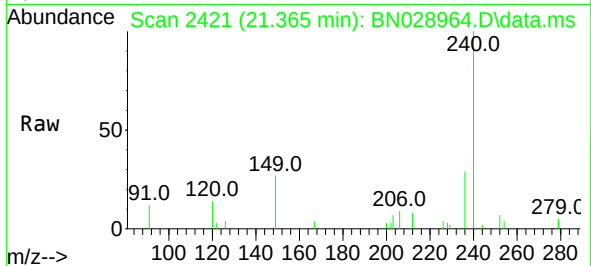




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2424
Delta R.T. -0.009 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

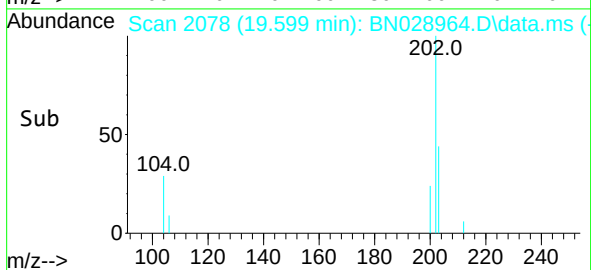
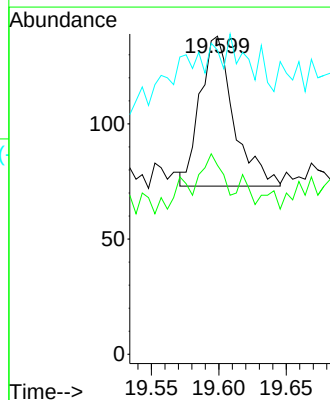
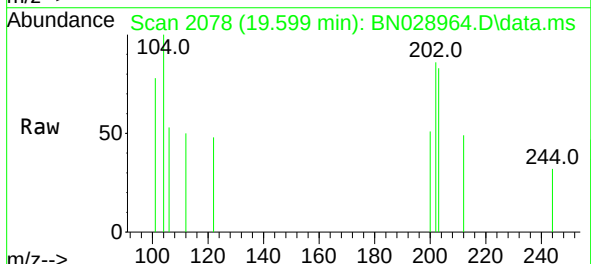
Instrument :
BNA_N
ClientSampleId :
RE132D6-20231108

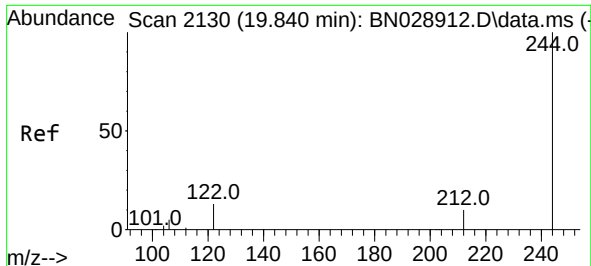
Tgt Ion:240 Resp: 7902
Ion Ratio Lower Upper
240 100
120 14.5 37.1 55.7#
236 29.5 32.4 48.6#



#30
Pyrene
Concen: 0.096 ng
RT: 19.599 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BN028964.D
Acq: 02 Dec 2023 01:26

Tgt Ion:202 Resp: 113
Ion Ratio Lower Upper
202 100
200 19.5 16.9 25.3
203 0.0 14.8 22.2#

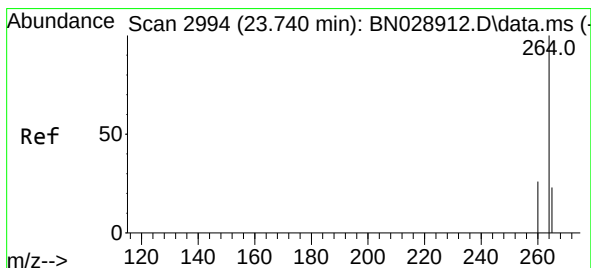
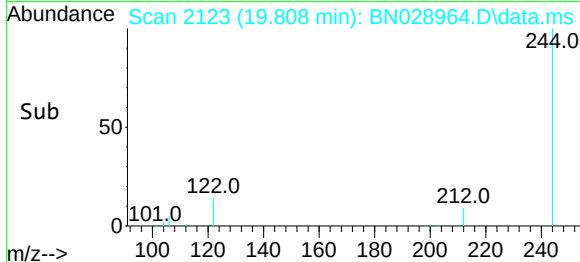
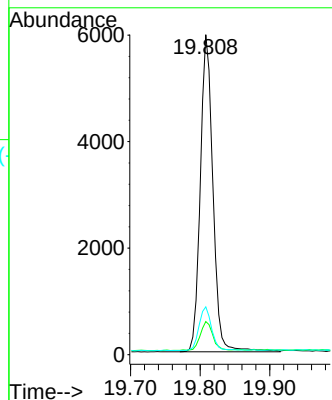
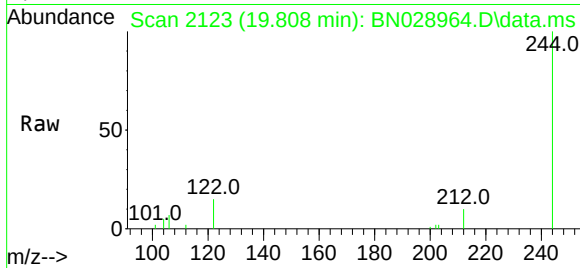




#31
 Terphenyl-d14
 Concen: 0.358 ng
 RT: 19.808 min Scan# 2130
 Delta R.T. -0.009 min
 Lab File: BN028964.D
 Acq: 02 Dec 2023 01:26

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20231108

Tgt Ion:244 Resp: 7525
 Ion Ratio Lower Upper
 244 100
 212 10.4 11.5 17.3#
 122 14.9 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.693 min Scan# 2978
 Delta R.T. -0.015 min
 Lab File: BN028964.D
 Acq: 02 Dec 2023 01:26

Tgt Ion:264 Resp: 7295
 Ion Ratio Lower Upper
 264 100
 260 27.9 20.6 30.8
 265 88.8 464.5 696.7#

