

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028962.D
 Acq On : 02 Dec 2023 00:13
 Operator : MA/JU
 Sample : 05358-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20231108

Quant Time: Dec 02 03:16:20 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)

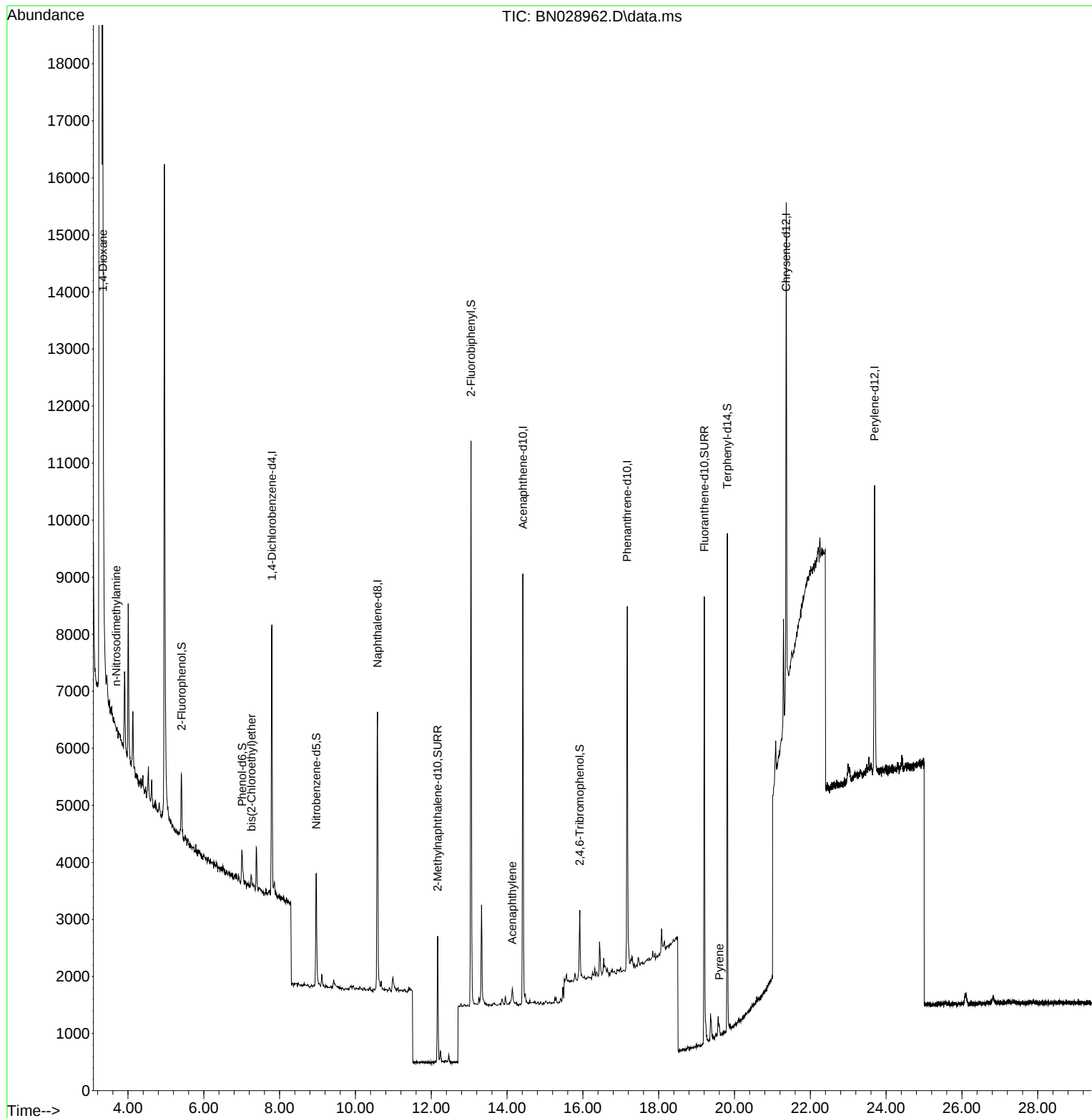
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	2361	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	6898	0.400	ng	0.00
13) Acenaphthene-d10	14.417	164	4269	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9321	0.400	ng	0.00
29) Chrysene-d12	21.365	240	7866	0.400	ng	# 0.00
35) Perylene-d12	23.693	264	7202	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	829	0.116	ng	0.00
5) Phenol-d6	7.009	99	545	0.069	ng	0.00
8) Nitrobenzene-d5	8.971	82	1906	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	3049	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	778	0.270	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	8137	0.441	ng	0.00
27) Fluoranthene-d10	19.204	212	8635	0.352	ng	0.00
31) Terphenyl-d14	19.812	244	8911	0.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	5727	2.477	ng	95
3) n-Nitrosodimethylamine	3.694	42	96	0.118	ng	# 14
6) bis(2-Chloroethyl)ether	7.255	93	206	0.031	ng	88
16) Acenaphthylene	14.139	152	666	0.029	ng	95
30) Pyrene	19.599	202	196	0.097	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.293	149	2086	Below Cal		# 84

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028962.D
Acq On : 02 Dec 2023 00:13
Operator : MA/JU
Sample : 05358-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

Quant Time: Dec 02 03:16:20 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

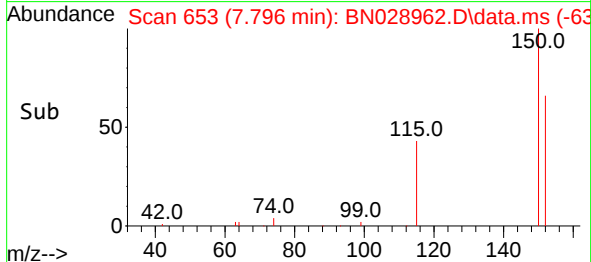
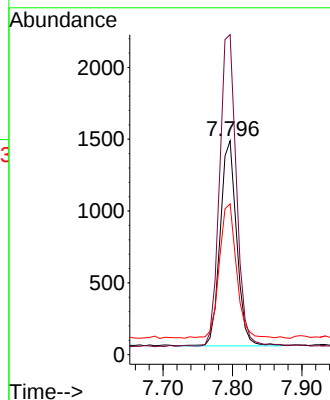
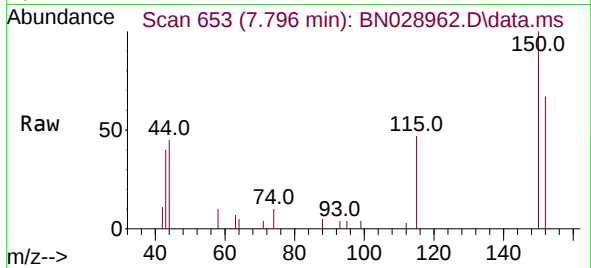




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.796 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN028962.D
 Acq: 02 Dec 2023 00:13

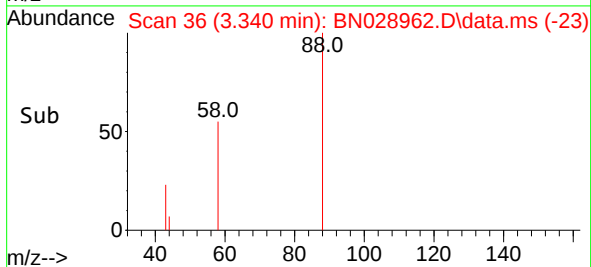
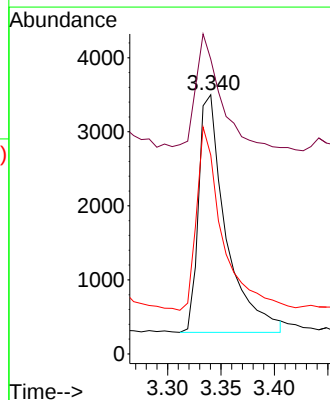
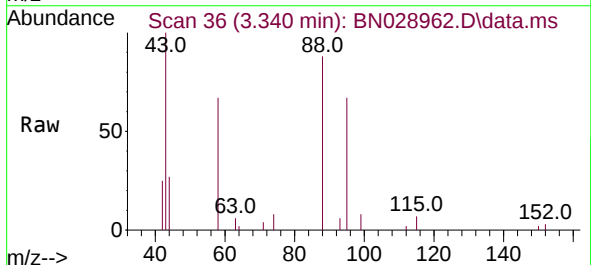
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20231108

Tgt Ion:152 Resp: 2361
 Ion Ratio Lower Upper
 152 100
 150 149.6 123.4 185.2
 115 70.6 59.1 88.7



#2
 1,4-Dioxane
 Concen: 2.477 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028962.D
 Acq: 02 Dec 2023 00:13

Tgt Ion: 88 Resp: 5727
 Ion Ratio Lower Upper
 88 100
 43 41.8 29.9 44.9
 58 72.1 55.0 82.4

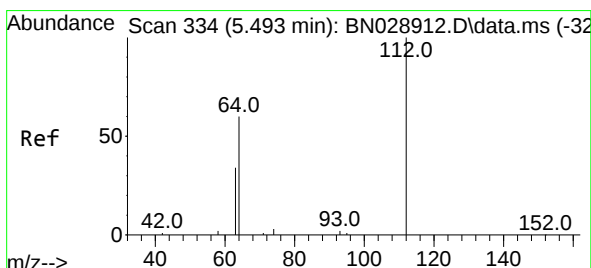
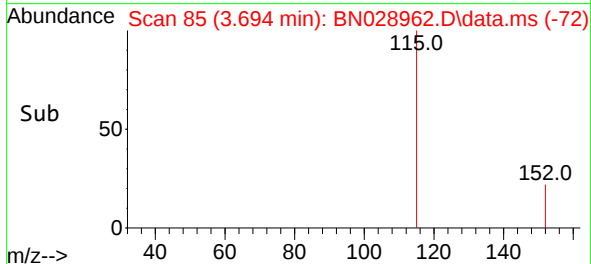
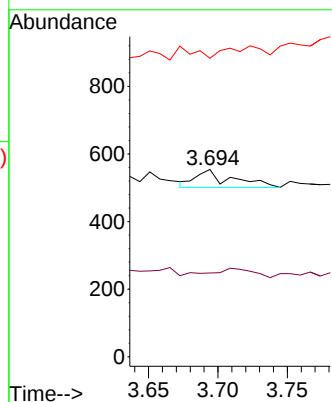
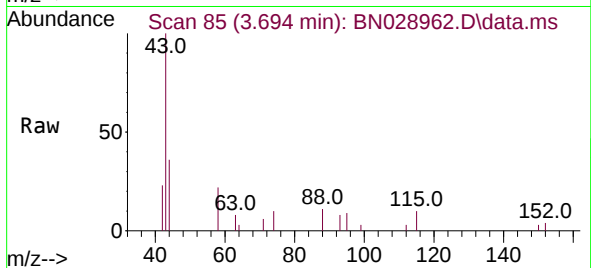




#3
n-Nitrosodimethylamine
Concen: 0.118 ng
RT: 3.694 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

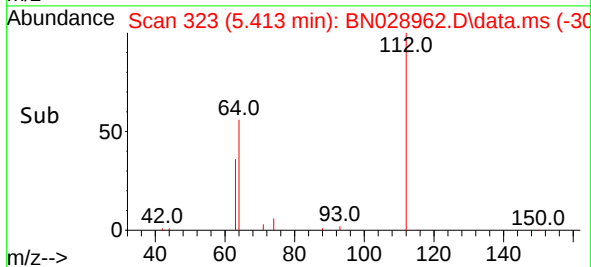
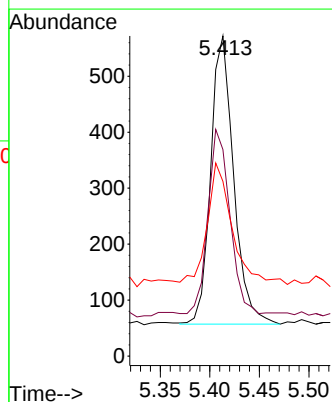
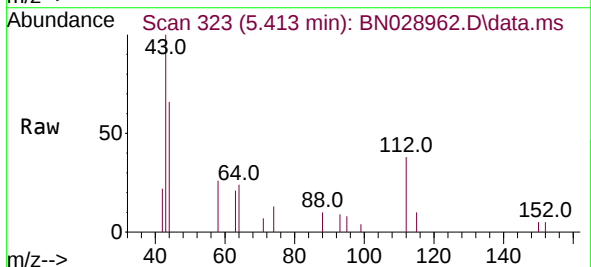
Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

Tgt Ion: 42 Resp: 96
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Tgt Ion: 112 Resp: 829
Ion Ratio Lower Upper
112 100
64 60.8 51.5 77.3
63 48.9 30.4 45.6#

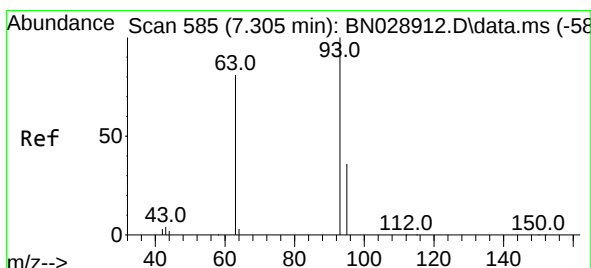
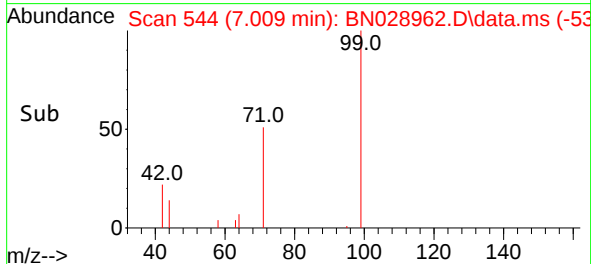
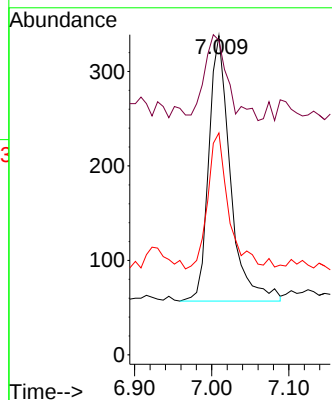
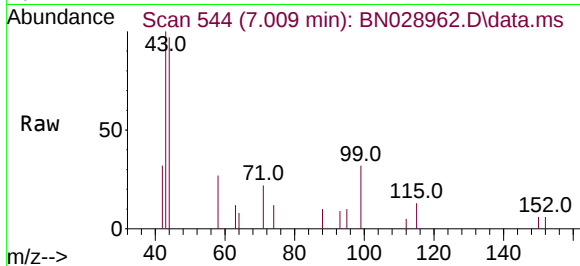




#5
Phenol-d6
Concen: 0.069 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

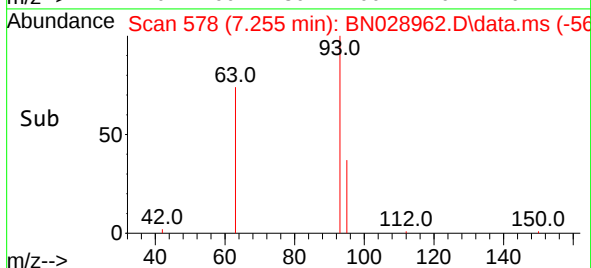
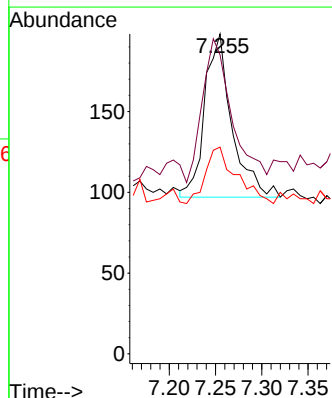
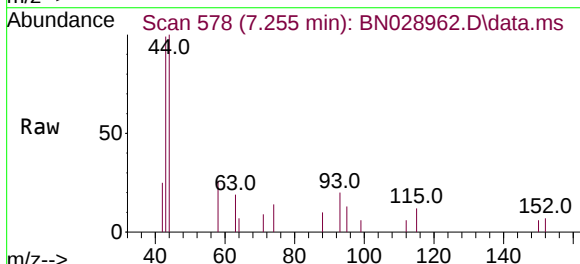
Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

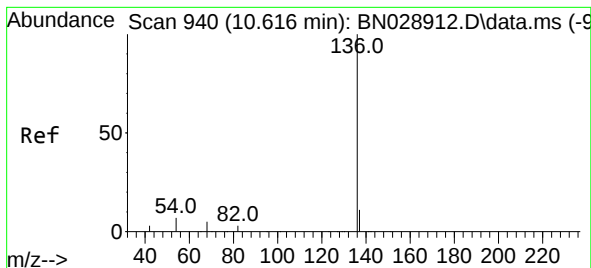
Tgt Ion: 99 Resp: 545
Ion Ratio Lower Upper
99 100
42 35.0 21.2 31.8#
71 49.5 35.4 53.0



#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.007 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Tgt Ion: 93 Resp: 206
Ion Ratio Lower Upper
93 100
63 96.1 66.9 100.3
95 39.3 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: BN028962.D

Acq: 02 Dec 2023 00:13

Instrument :

BNA_N

ClientSampleId :

RE132D7-20231108

Tgt Ion:136 Resp: 6898

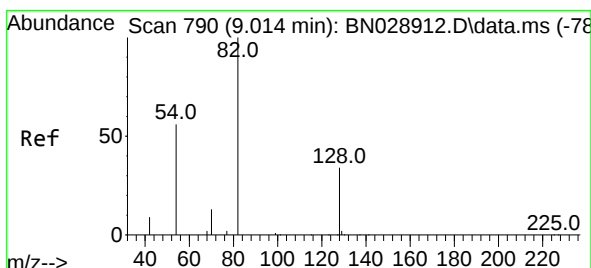
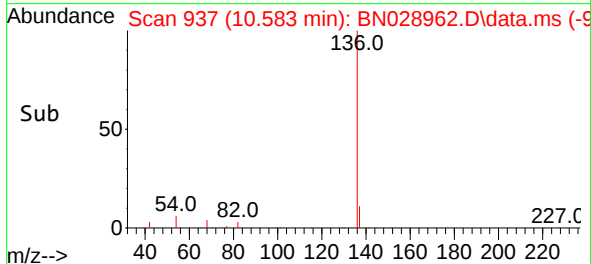
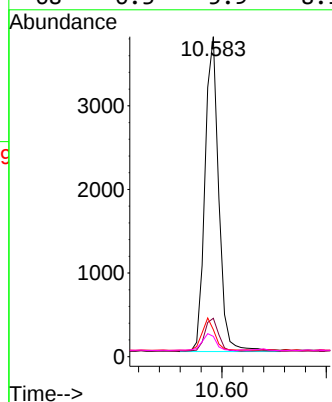
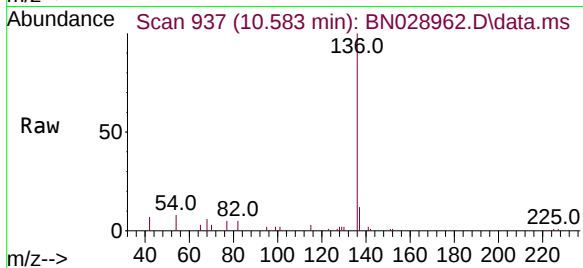
Ion Ratio Lower Upper

136 100

137 12.0 10.6 16.0

54 8.4 7.5 11.3

68 6.3 5.9 8.9



#8

Nitrobenzene-d5

Concen: 0.278 ng

RT: 8.971 min Scan# 786

Delta R.T. -0.000 min

Lab File: BN028962.D

Acq: 02 Dec 2023 00:13

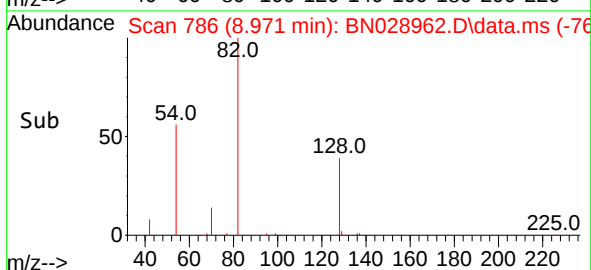
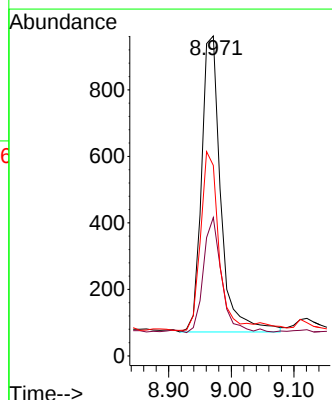
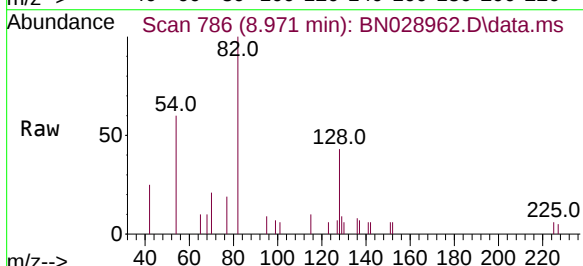
Tgt Ion: 82 Resp: 1906

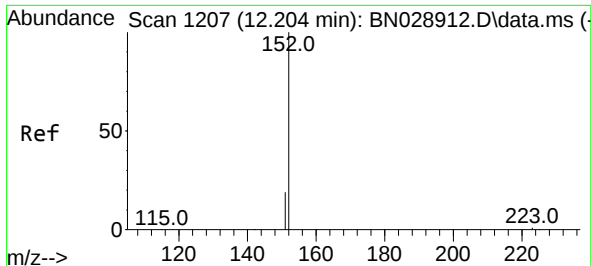
Ion Ratio Lower Upper

82 100

128 43.2 29.2 43.8

54 59.6 47.0 70.6





#11

2-Methylnaphthalene-d10

Concen: 0.275 ng

RT: 12.170 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028962.D

Acq: 02 Dec 2023 00:13

Instrument :

BNA_N

ClientSampleId :

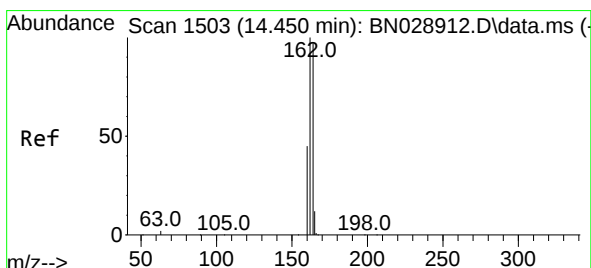
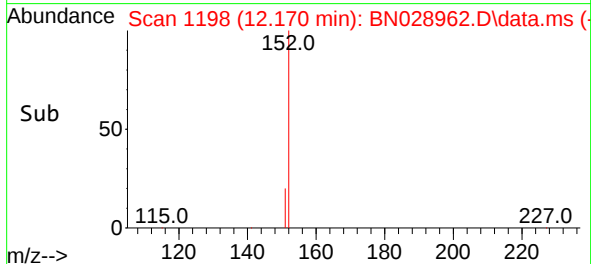
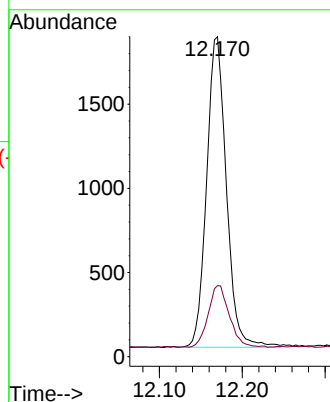
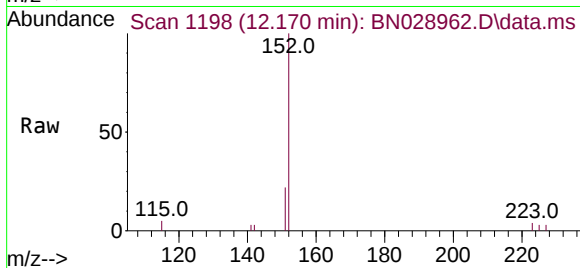
RE132D7-20231108

Tgt Ion:152 Resp: 3049

Ion Ratio Lower Upper

152 100

151 21.1 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: BN028962.D

Acq: 02 Dec 2023 00:13

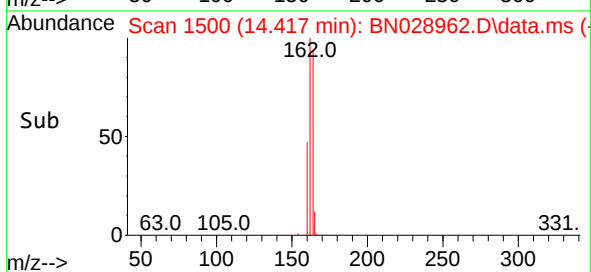
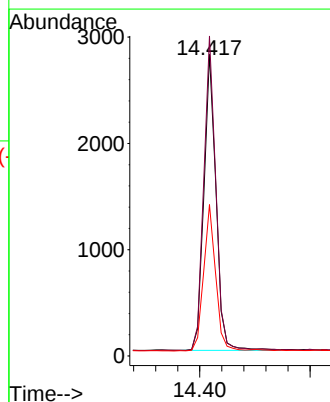
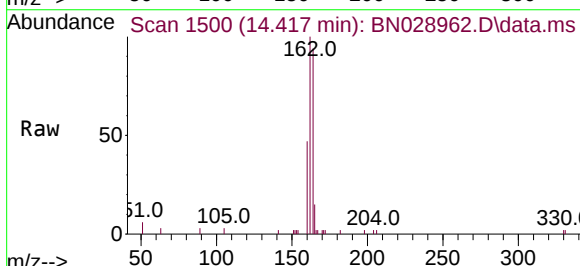
Tgt Ion:164 Resp: 4269

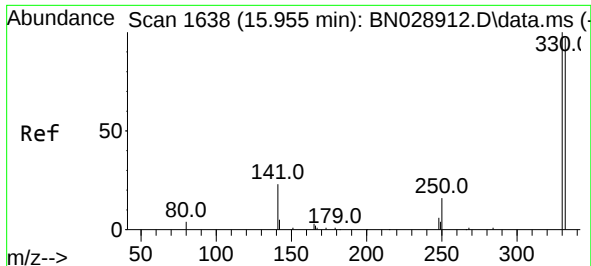
Ion Ratio Lower Upper

164 100

162 106.1 81.7 122.5

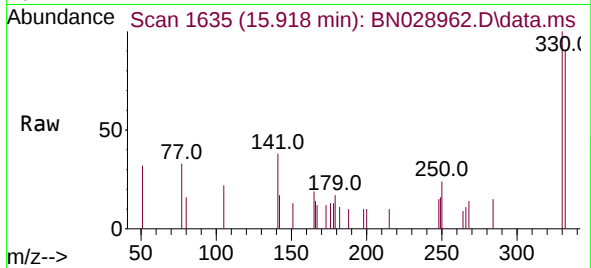
160 50.2 37.0 55.6



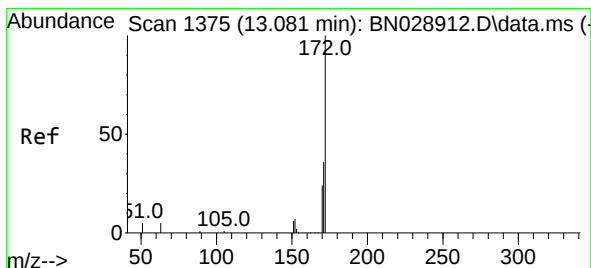
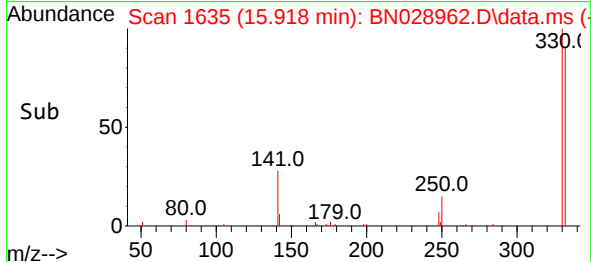
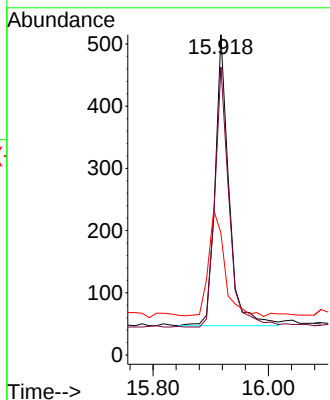


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

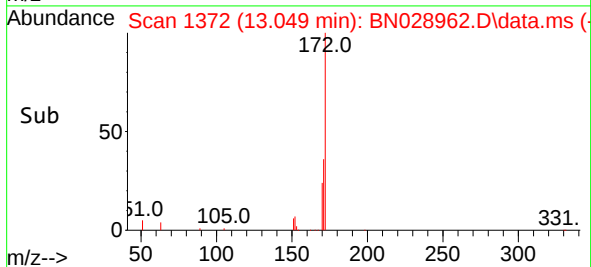
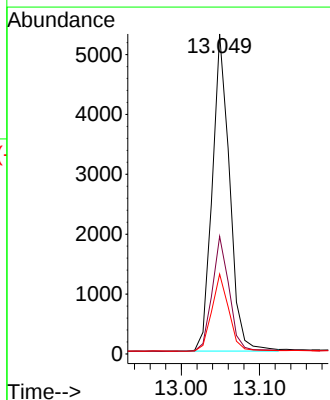
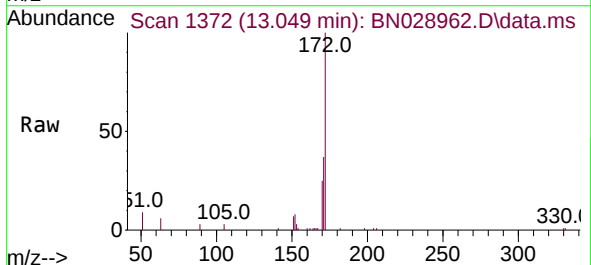


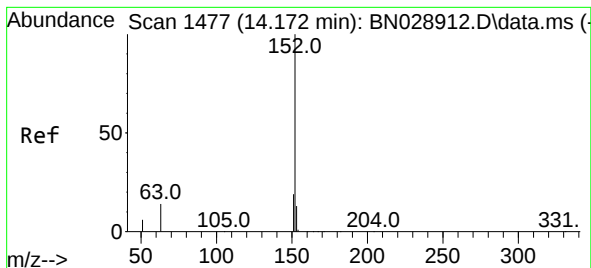
Tgt Ion:330 Resp: 778
Ion Ratio Lower Upper
330 100
332 92.4 75.4 113.2
141 42.5 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.049 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Tgt Ion:172 Resp: 8137
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.9 19.7 29.5





#16

Acenaphthylene

Concen: 0.029 ng

RT: 14.139 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN028962.D

Acq: 02 Dec 2023 00:13

Instrument :

BNA_N

ClientSampleId :

RE132D7-20231108

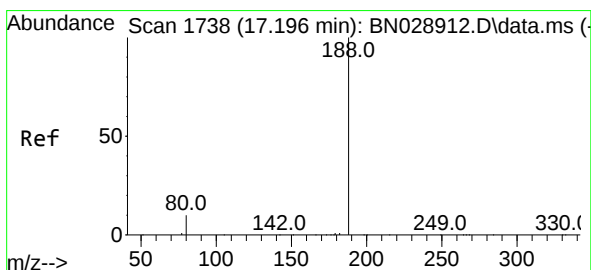
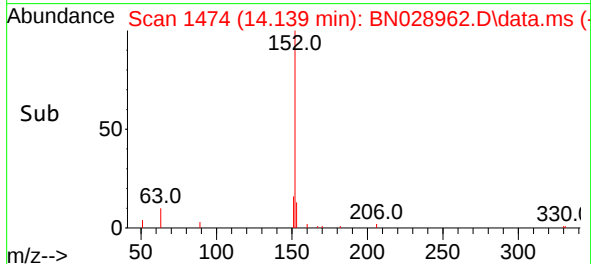
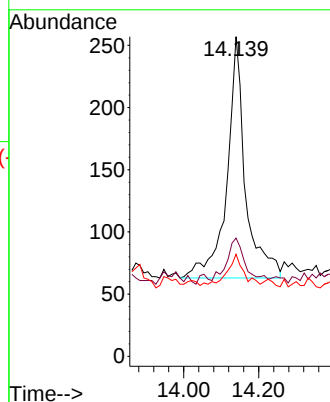
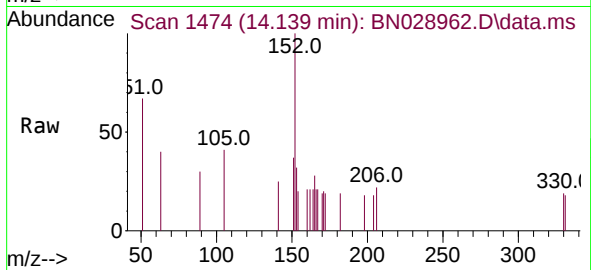
Tgt Ion:152 Resp: 666

Ion Ratio Lower Upper

152 100

151 17.6 15.9 23.9

153 11.1 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: BN028962.D

Acq: 02 Dec 2023 00:13

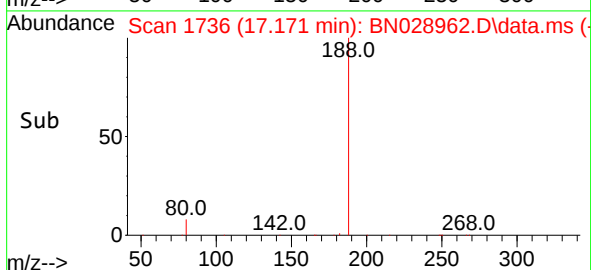
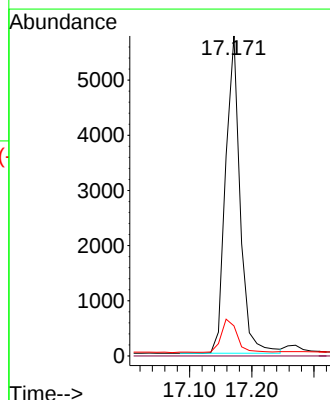
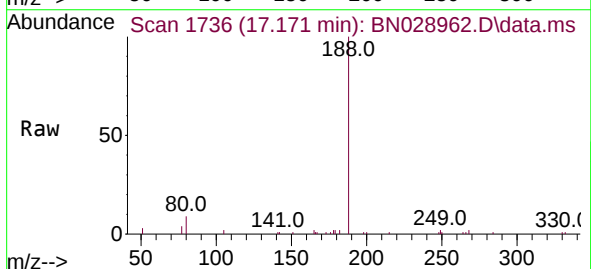
Tgt Ion:188 Resp: 9321

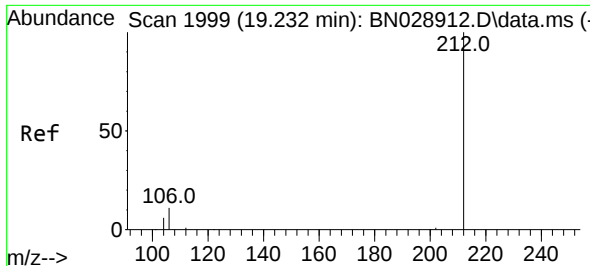
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 9.0 13.6

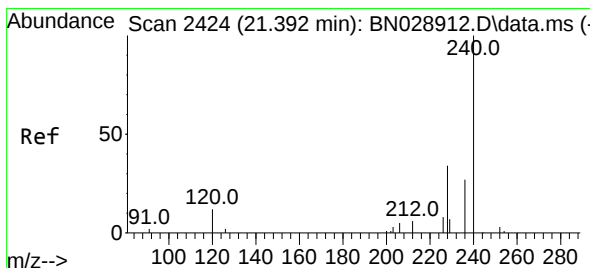
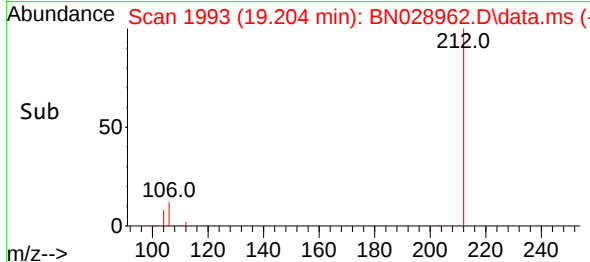
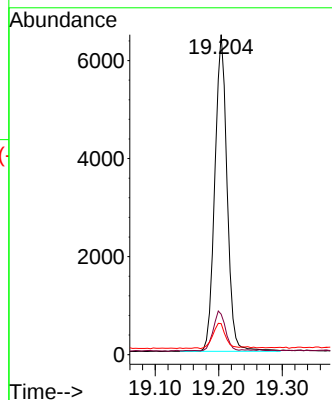
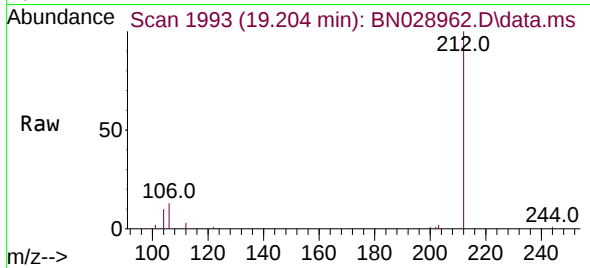




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

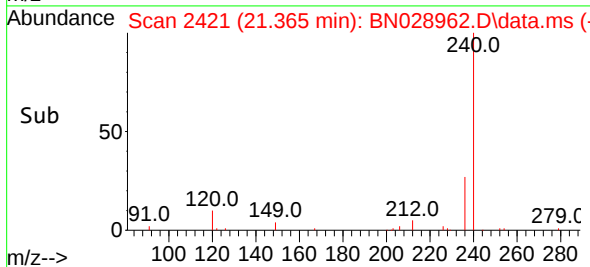
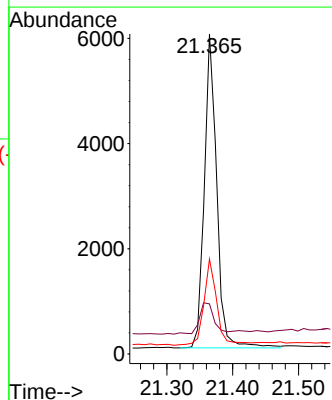
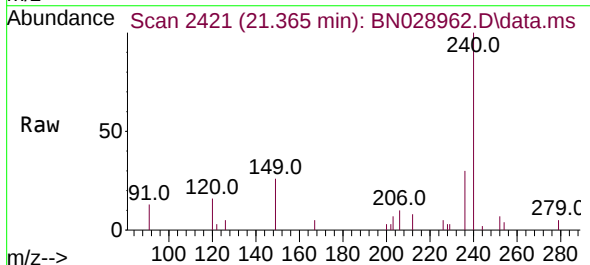
Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

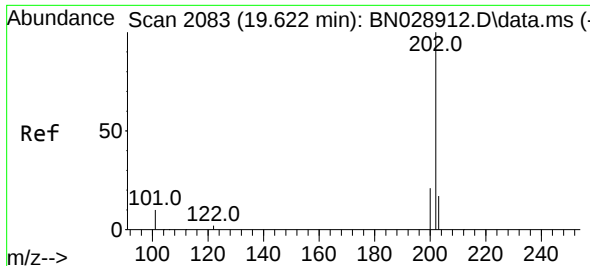
Tgt Ion:212 Resp: 8635
Ion Ratio Lower Upper
212 100
106 12.5 9.4 14.2
104 8.3 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Tgt Ion:240 Resp: 7866
Ion Ratio Lower Upper
240 100
120 15.6 37.1 55.7#
236 29.6 32.4 48.6#

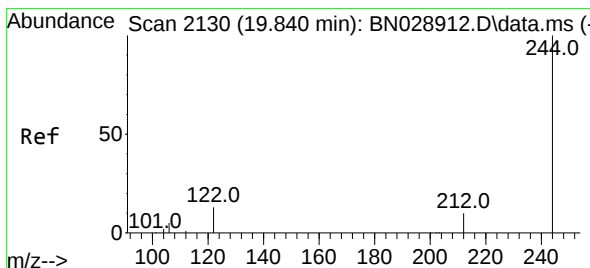
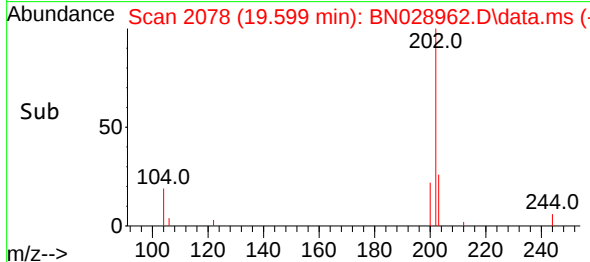
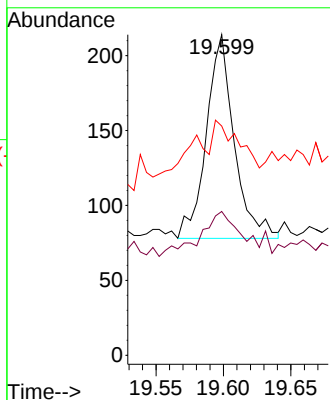
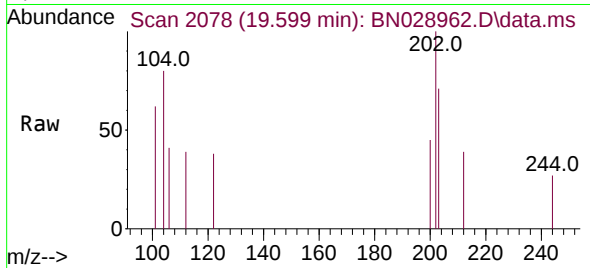




#30
Pyrene
Concen: 0.097 ng
RT: 19.599 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

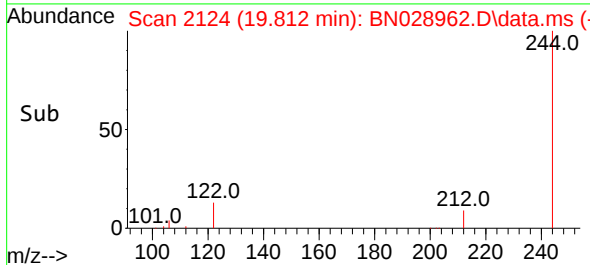
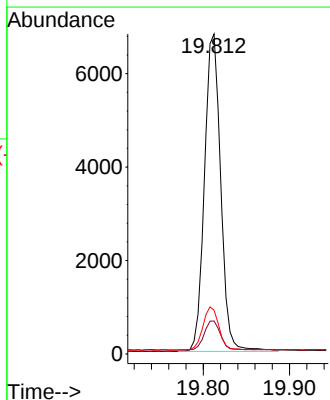
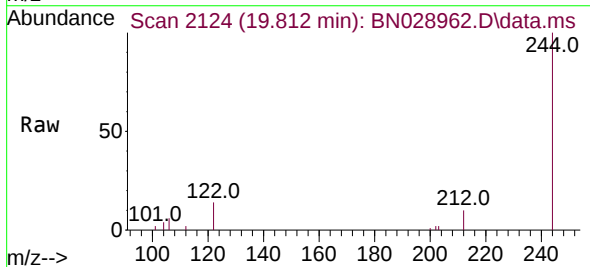
Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

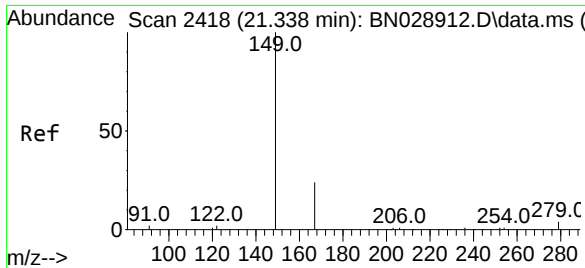
Tgt Ion:202 Resp: 196
Ion Ratio Lower Upper
202 100
200 37.8 16.9 25.3#
203 20.4 14.8 22.2



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.812 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Tgt Ion:244 Resp: 8911
Ion Ratio Lower Upper
244 100
212 10.3 11.5 17.3#
122 13.6 13.2 19.8

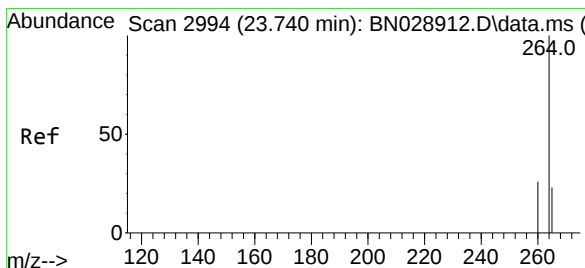
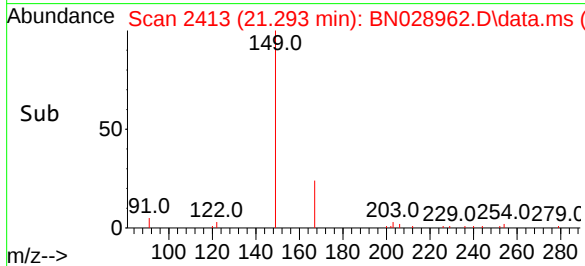
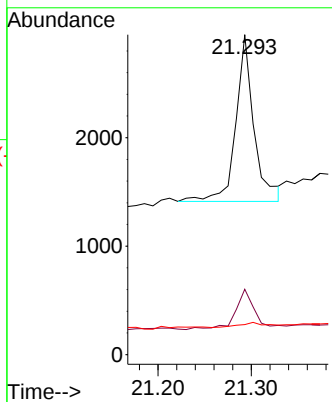
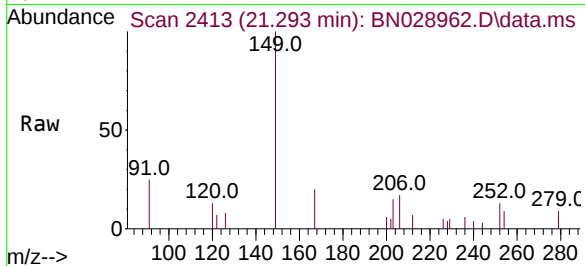




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.293 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Instrument :
BNA_N
ClientSampleId :
RE132D7-20231108

Tgt Ion:149 Resp: 2086
Ion Ratio Lower Upper
149 100
167 27.1 14.9 22.3#
279 4.7 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.693 min Scan# 2978
Delta R.T. -0.015 min
Lab File: BN028962.D
Acq: 02 Dec 2023 00:13

Tgt Ion:264 Resp: 7202
Ion Ratio Lower Upper
264 100
260 27.3 20.6 30.8
265 88.5 464.5 696.7#

