

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028974.D
 Acq On : 02 Dec 2023 08:38
 Operator : MA/JU
 Sample : 05403-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20231107

Quant Time: Dec 03 08:12:06 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)

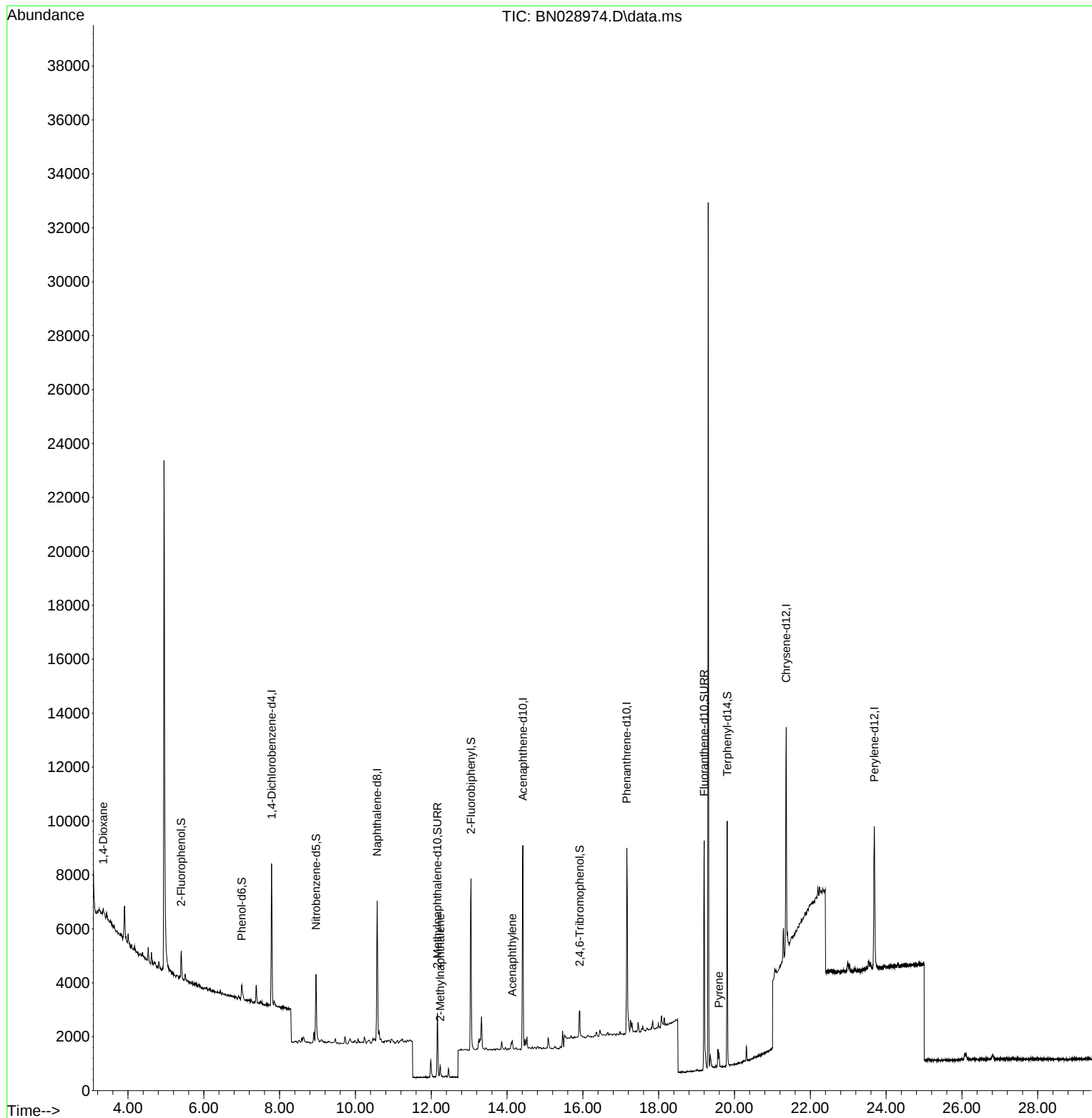
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2386	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	7014	0.400	ng	-0.01
13) Acenaphthene-d10	14.418	164	4498	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	9950	0.400	ng	-0.01
29) Chrysene-d12	21.365	240	7986	0.400	ng	# 0.00
35) Perylene-d12	23.687	264	7469	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	772	0.107	ng	0.00
5) Phenol-d6	7.002	99	545	0.068	ng	0.00
8) Nitrobenzene-d5	8.961	82	2235	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	3250	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	675	0.222	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5720	0.294	ng	0.00
27) Fluoranthene-d10	19.199	212	9427	0.360	ng	0.00
31) Terphenyl-d14	19.808	244	8986	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	267	0.114	ng	# 58
12) 2-Methylnaphthalene	12.238	142	281	0.020	ng	# 79
16) Acenaphthylene	14.140	152	593	0.025	ng	96
30) Pyrene	19.590	202	467	0.102	ng	# 93

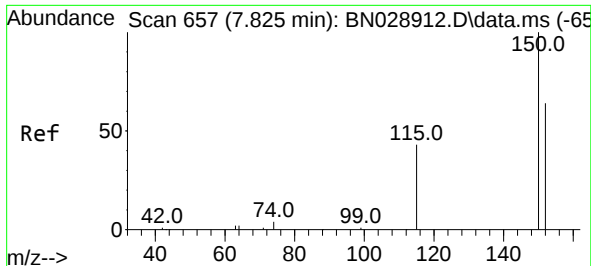
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 08:12:06 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

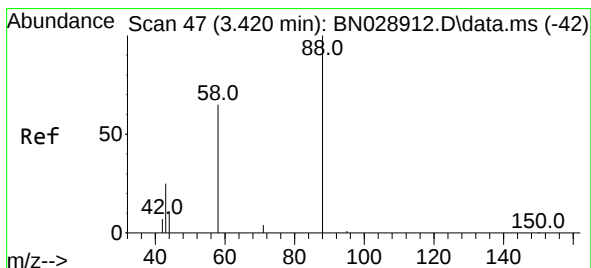
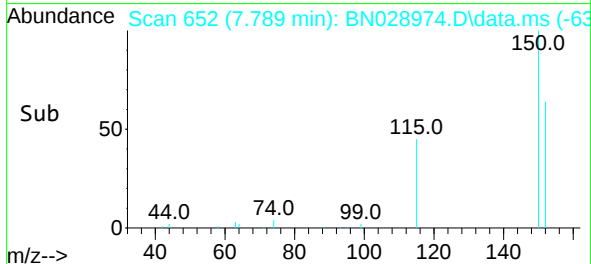
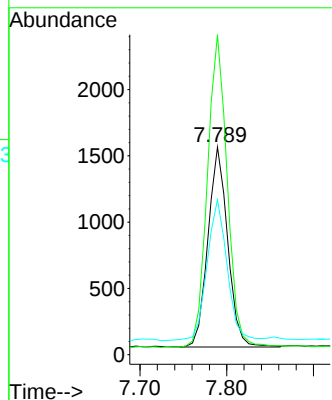
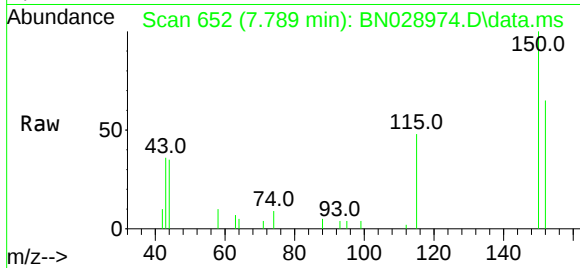




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028974.D
 Acq: 02 Dec 2023 08:38

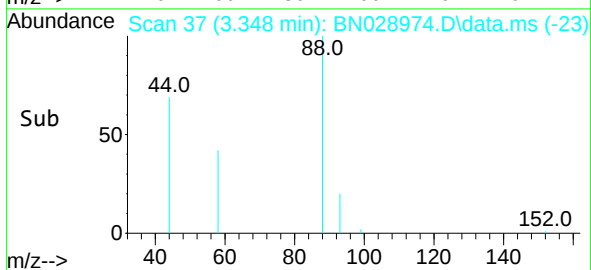
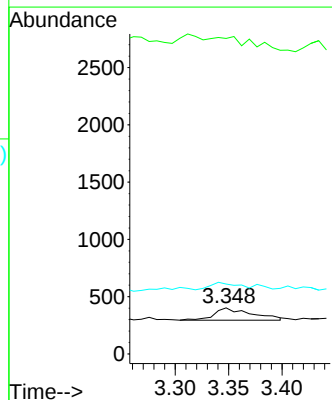
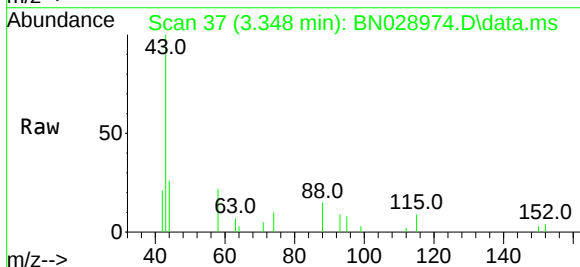
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20231107

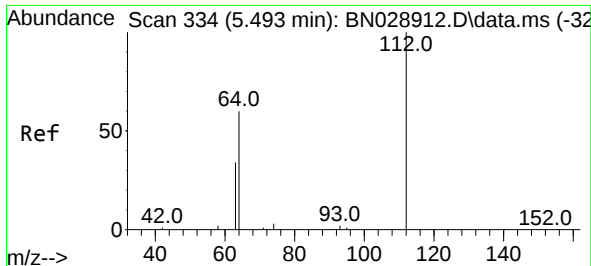
Tgt Ion:152 Resp: 2386
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.4 185.2
 115 74.6 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.114 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BN028974.D
 Acq: 02 Dec 2023 08:38

Tgt Ion: 88 Resp: 267
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 43.1 55.0 82.4#

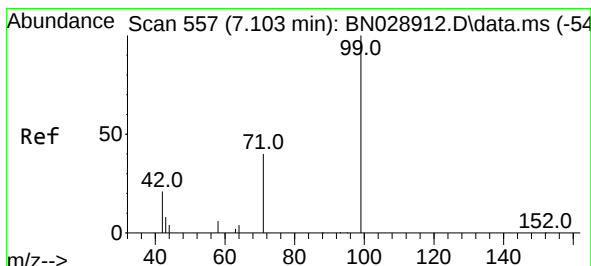
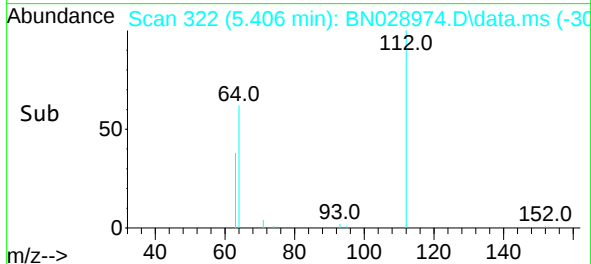
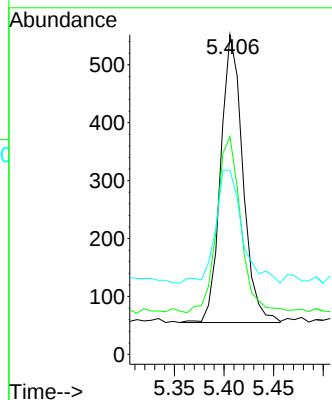
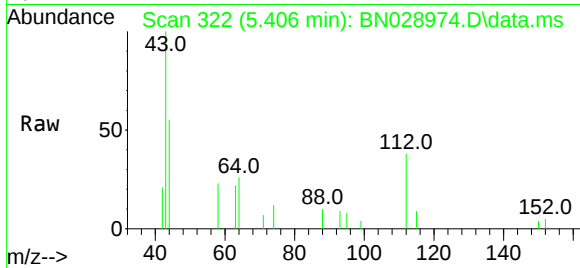




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.406 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

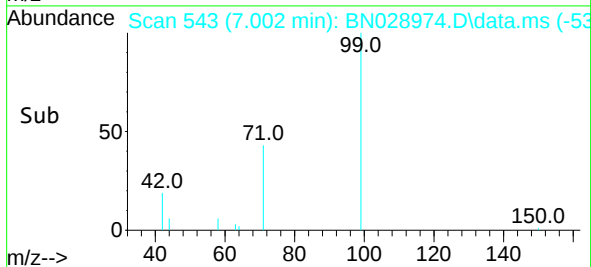
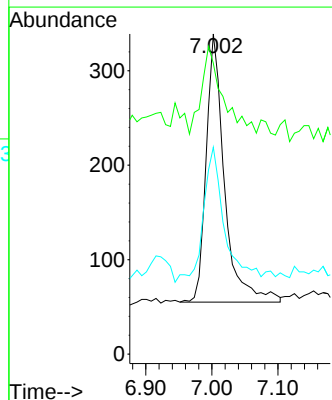
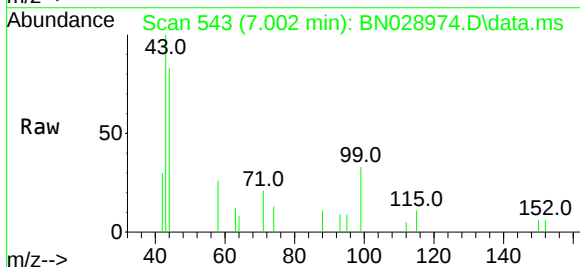
Instrument :
BNA_N
ClientSampleId :
DUP05-20231107

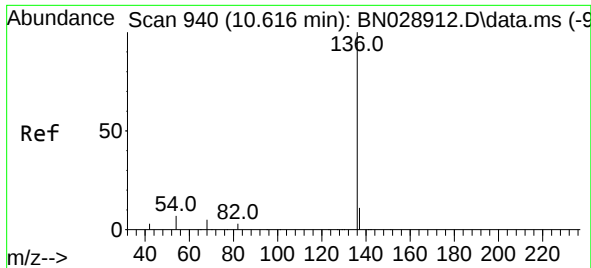
Tgt Ion:112 Resp: 772
Ion Ratio Lower Upper
112 100
64 66.7 51.5 77.3
63 46.8 30.4 45.6#



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.007 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

Tgt Ion: 99 Resp: 545
Ion Ratio Lower Upper
99 100
42 41.3 21.2 31.8#
71 49.5 35.4 53.0

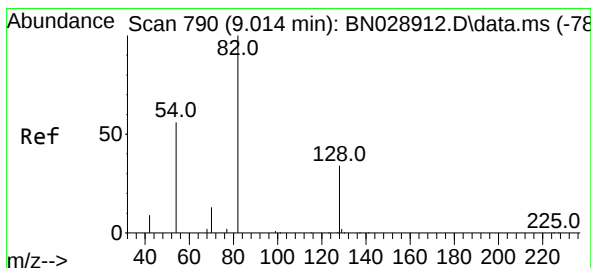
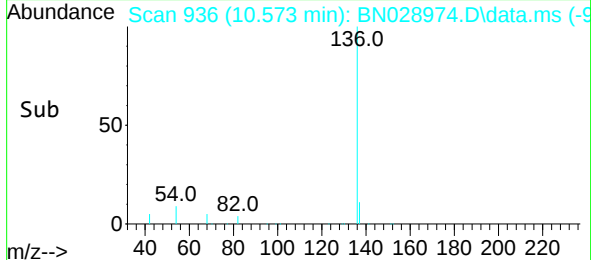
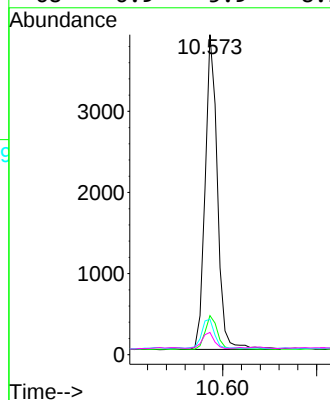
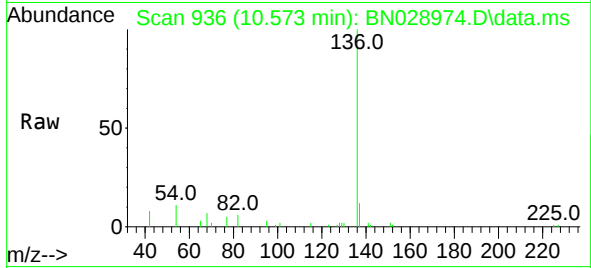




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

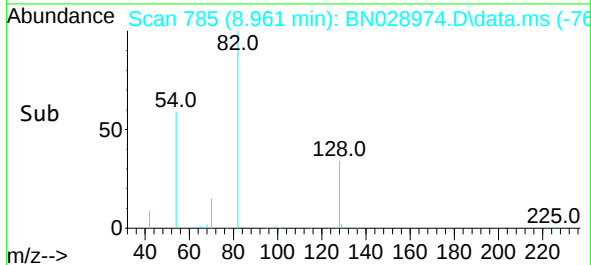
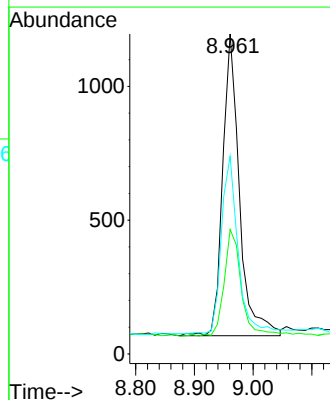
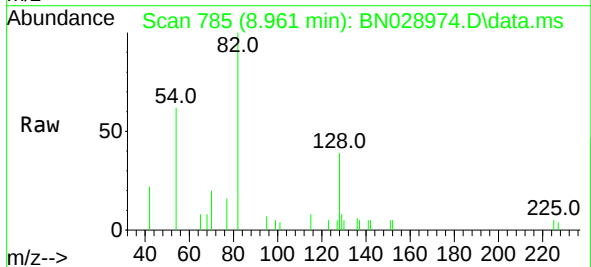
Instrument :
BNA_N
ClientSampleId :
DUP05-20231107

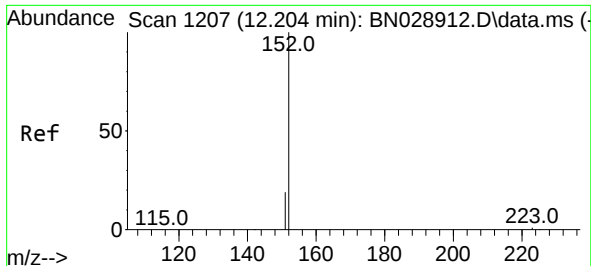
Tgt Ion:	136	Resp:	7014
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.6	16.0
54	11.1	7.5	11.3
68	6.9	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

Tgt Ion:	82	Resp:	2235
Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.2	43.8
54	61.8	47.0	70.6

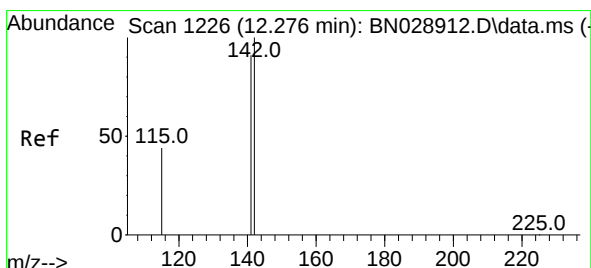
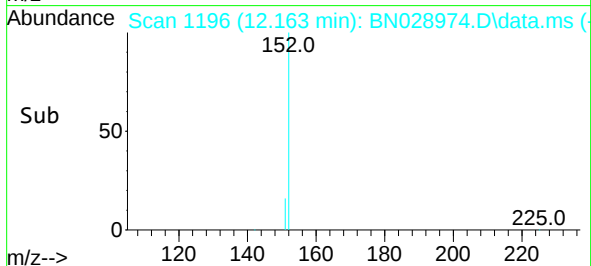
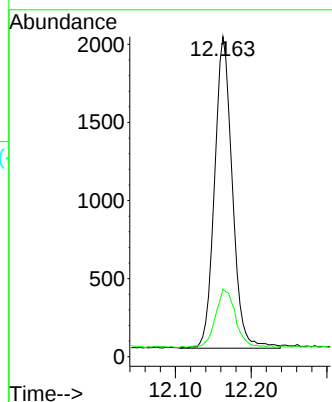
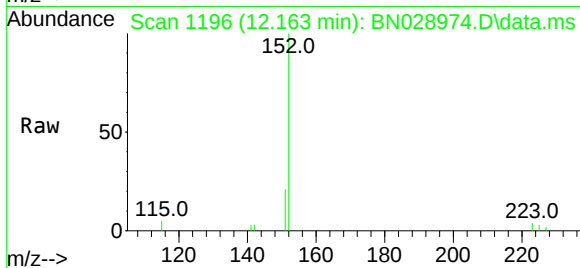




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.163 min Scan# 1119
Delta R.T. -0.008 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

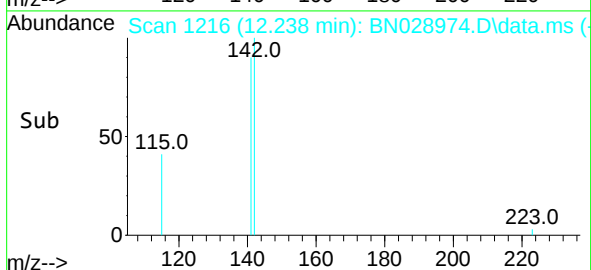
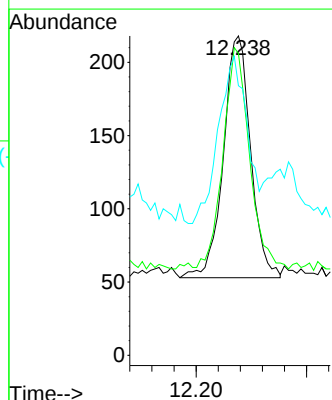
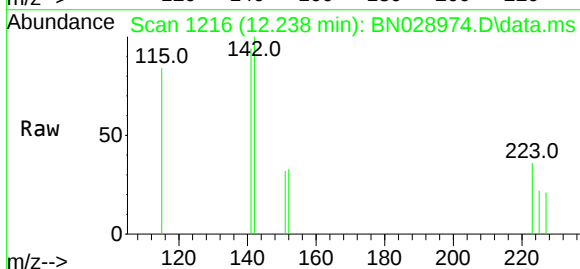
Instrument :
BNA_N
ClientSampleId :
DUP05-20231107

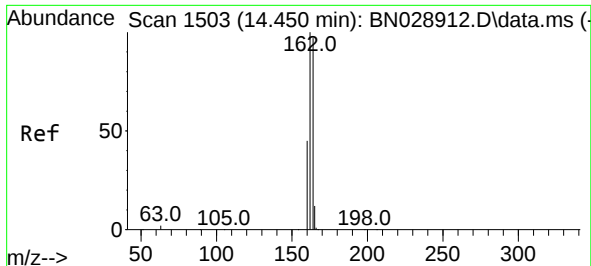
Tgt Ion:152 Resp: 3250
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.008 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

Tgt Ion:142 Resp: 281
Ion Ratio Lower Upper
142 100
141 94.5 73.1 109.7
115 84.4 37.6 56.4#

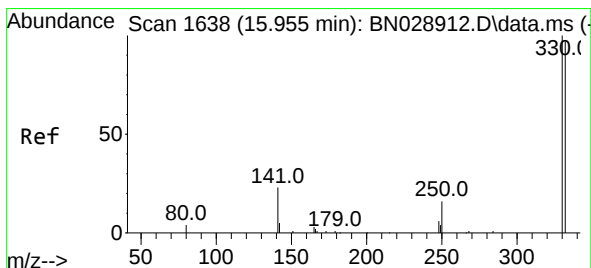
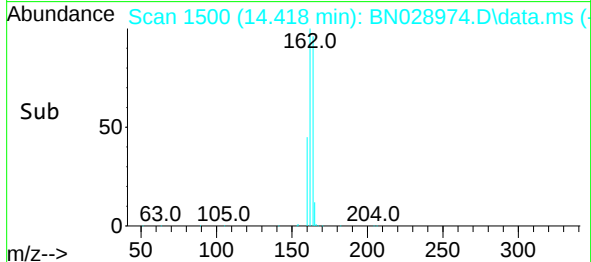
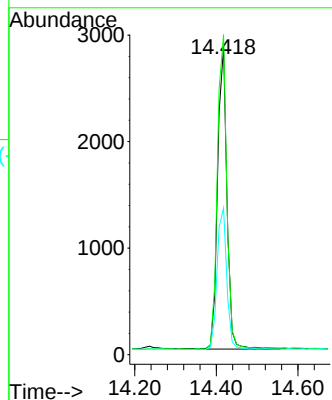
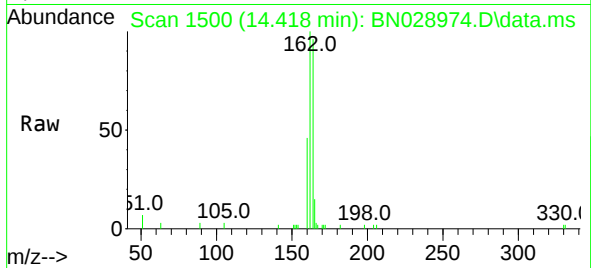




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.418 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

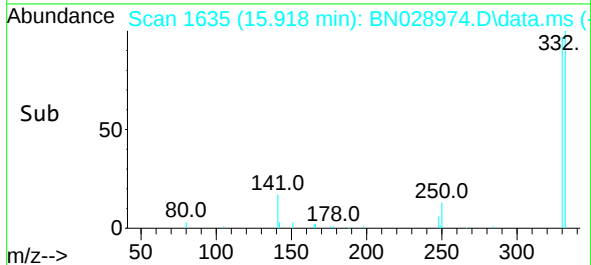
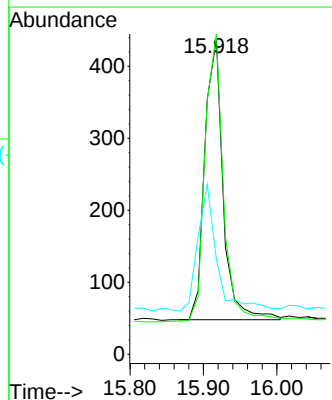
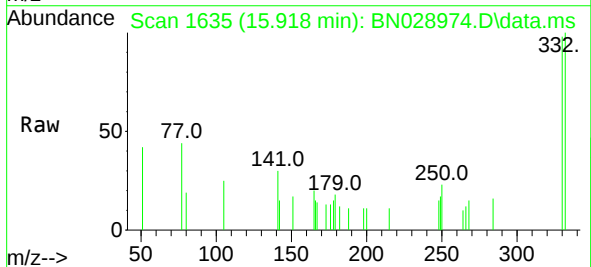
Instrument :
BNA_N
ClientSampleId :
DUP05-20231107

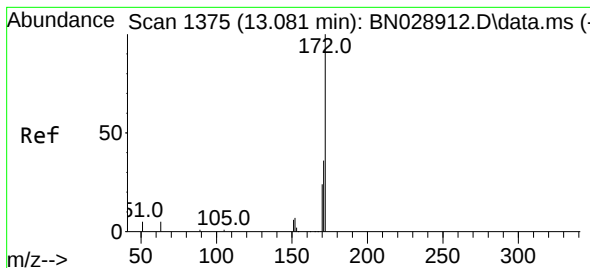
Tgt Ion:164 Resp: 4498
Ion Ratio Lower Upper
164 100
162 104.1 81.7 122.5
160 47.7 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

Tgt Ion:330 Resp: 675
Ion Ratio Lower Upper
330 100
332 103.3 75.4 113.2
141 44.7 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.294 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028974.D

Acq: 02 Dec 2023 08:38

Instrument :

BNA_N

ClientSampleId :

DUP05-20231107

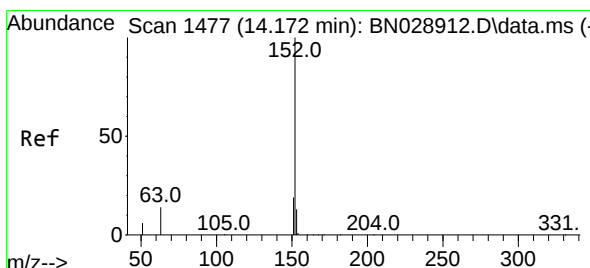
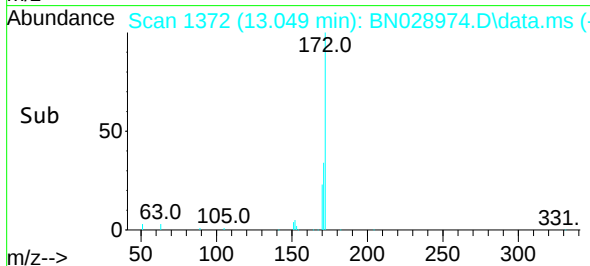
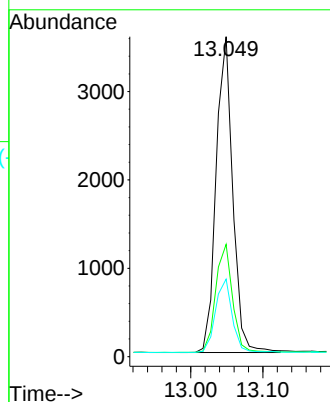
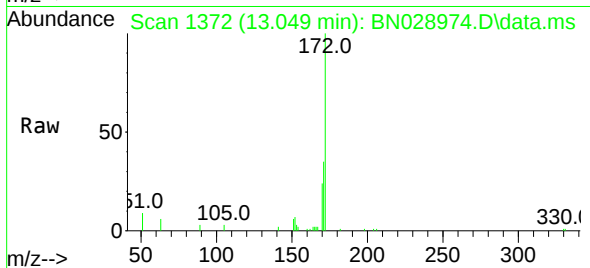
Tgt Ion:172 Resp: 5720

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.4

170 24.2 19.7 29.5



#16

Acenaphthylene

Concen: 0.025 ng

RT: 14.140 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BN028974.D

Acq: 02 Dec 2023 08:38

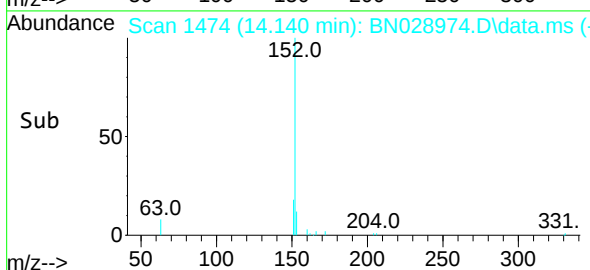
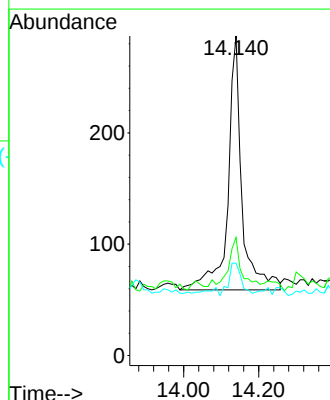
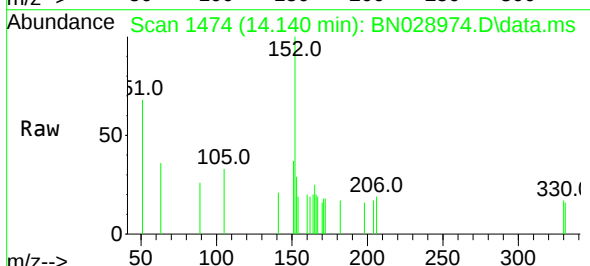
Tgt Ion:152 Resp: 593

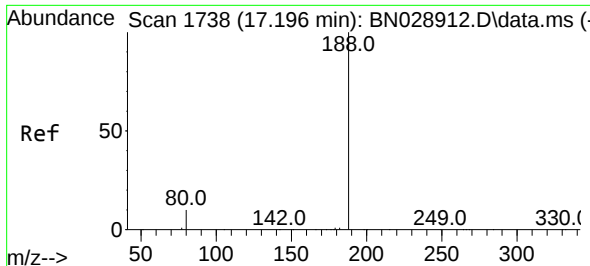
Ion Ratio Lower Upper

152 100

151 21.6 15.9 23.9

153 11.3 10.8 16.2

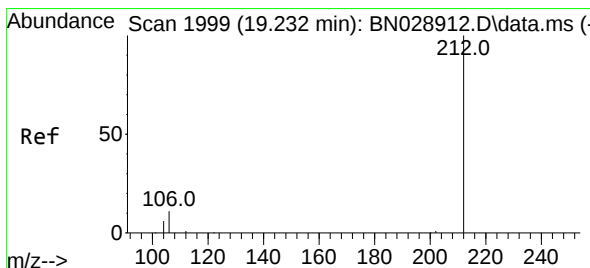
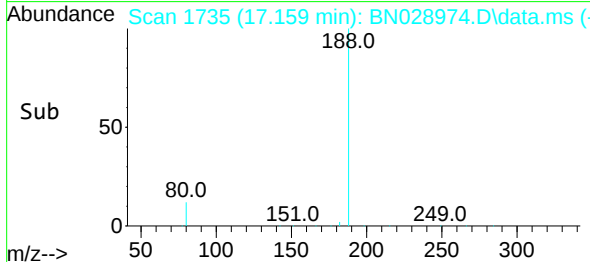
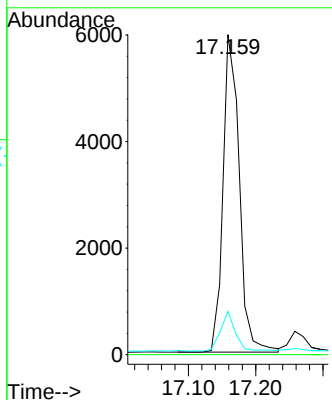
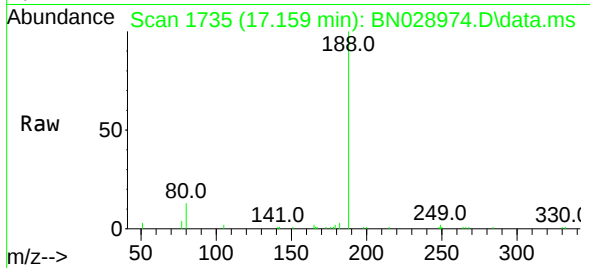




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

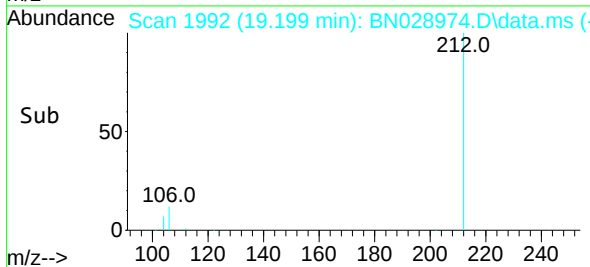
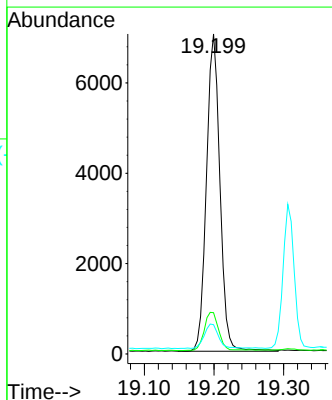
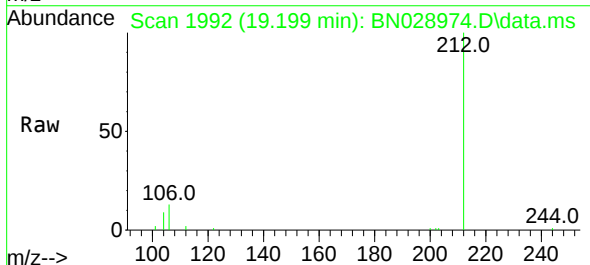
Instrument :
BNA_N
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DUP05-20231107

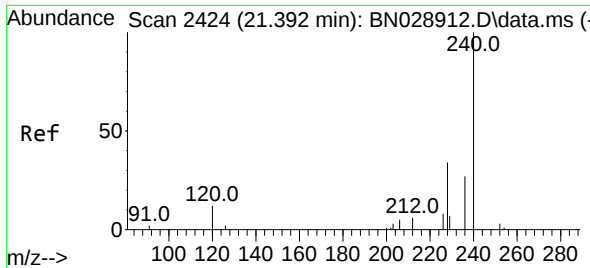
Tgt Ion:188 Resp: 9950
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.199 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

Tgt Ion:212 Resp: 9427
Ion Ratio Lower Upper
212 100
106 13.2 9.4 14.2
104 8.4 6.2 9.2

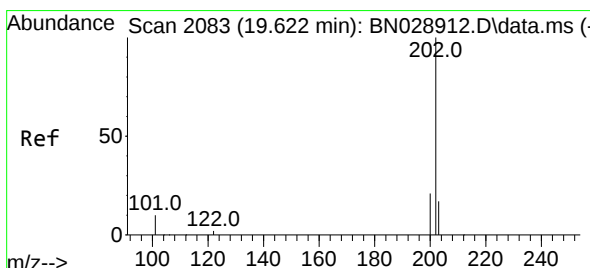
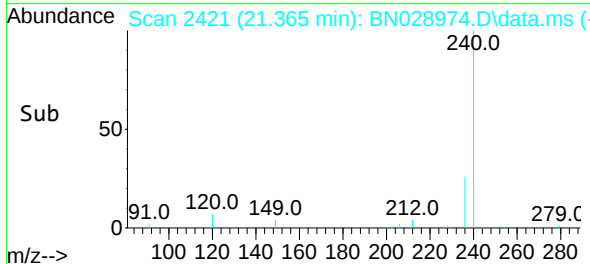
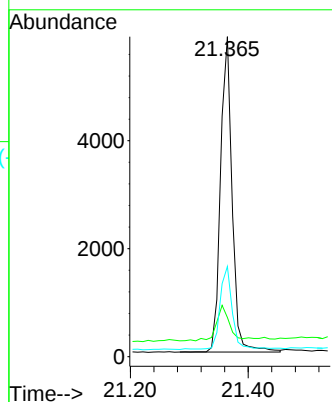
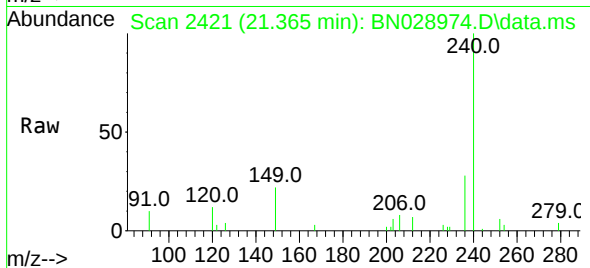




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

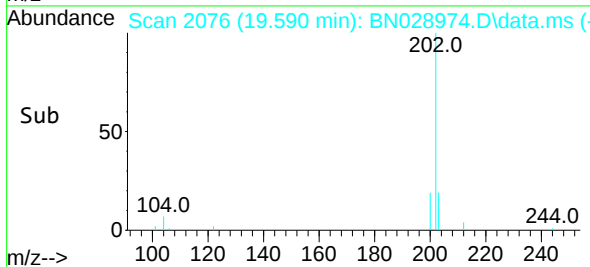
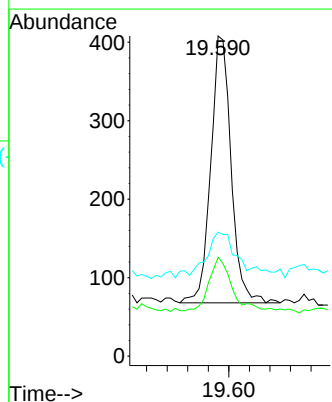
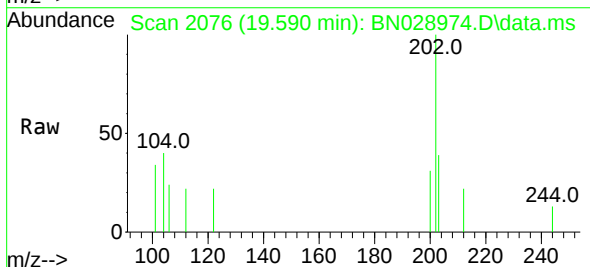
Instrument :
BNA_N
ClientSampleId :
DUP05-20231107

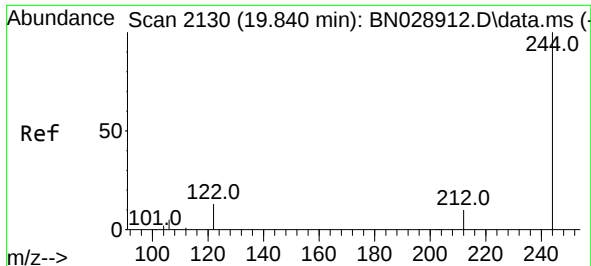
Tgt Ion:240 Resp: 7986
Ion Ratio Lower Upper
240 100
120 12.2 37.1 55.7#
236 28.2 32.4 48.6#



#30
Pyrene
Concen: 0.102 ng
RT: 19.590 min Scan# 2076
Delta R.T. -0.014 min
Lab File: BN028974.D
Acq: 02 Dec 2023 08:38

Tgt Ion:202 Resp: 467
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 24.8 14.8 22.2#

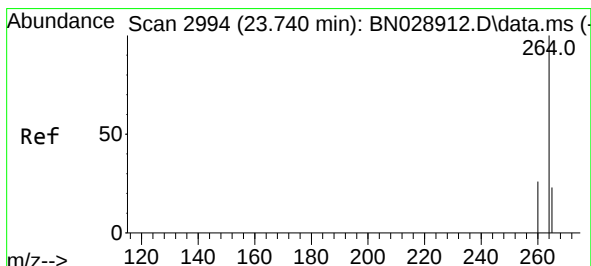
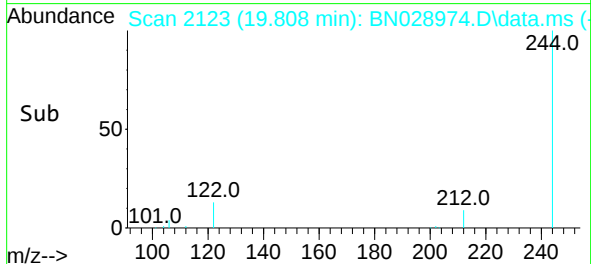
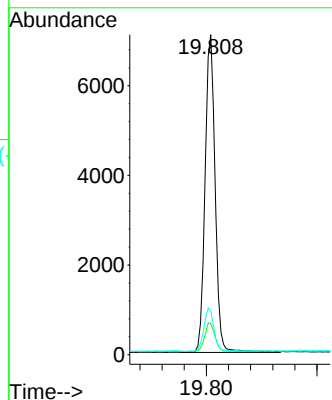
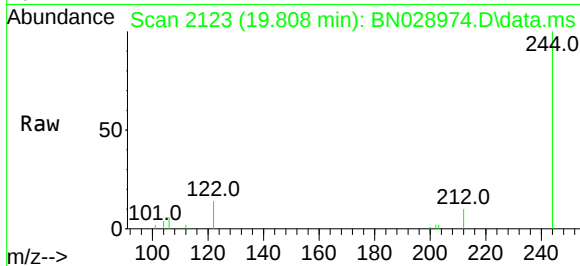




#31
 Terphenyl-d14
 Concen: 0.397 ng
 RT: 19.808 min Scan# 2130
 Delta R.T. -0.009 min
 Lab File: BN028974.D
 Acq: 02 Dec 2023 08:38

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20231107

Tgt Ion:244 Resp: 8986
 Ion Ratio Lower Upper
 244 100
 212 9.7 11.5 17.3#
 122 13.6 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.687 min Scan# 2976
 Delta R.T. -0.021 min
 Lab File: BN028974.D
 Acq: 02 Dec 2023 08:38

Tgt Ion:264 Resp: 7469
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.6 30.8
 265 80.0 464.5 696.7#

