

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023034.D
 Acq On : 02 Dec 2022 02:30
 Operator : CG/JU
 Sample : N5757-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20221121

Quant Time: Dec 02 03:08:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

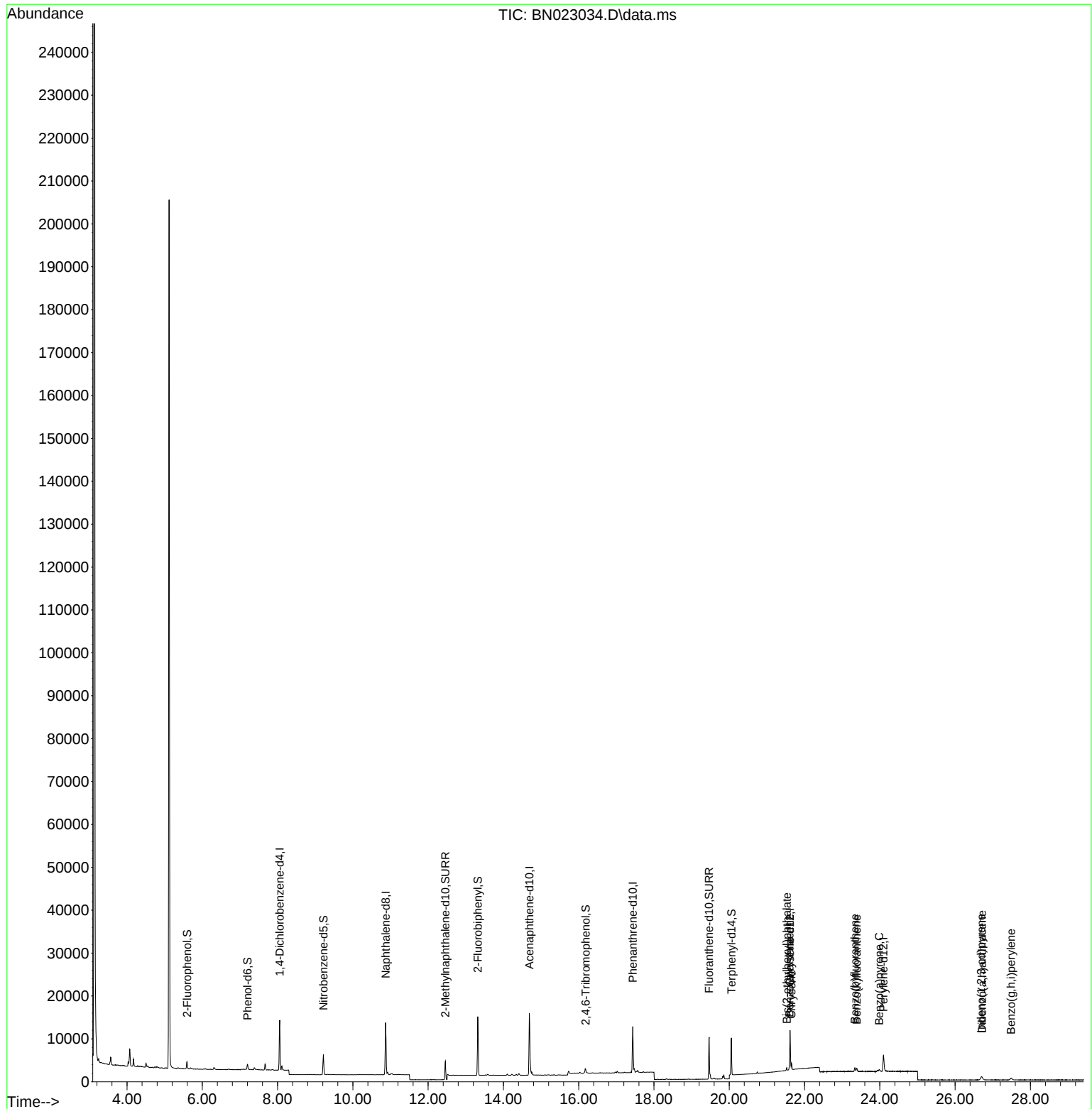
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5459	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	15132	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	7808	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	14633	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	7804	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	5628	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1317	0.093	ng	0.00
5) Phenol-d6	7.204	99	1034	0.057	ng	0.00
8) Nitrobenzene-d5	9.217	82	3522	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	7904	0.241	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	743	0.197	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10986	0.308	ng	0.00
27) Fluoranthene-d10	19.464	212	10275	0.259	ng	0.00
31) Terphenyl-d14	20.058	244	7047	0.384	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.598	228	1086	0.034	ng	# 90
33) Chrysene	21.652	228	1314	0.040	ng	93
34) Bis(2-ethylhexyl)phtha...	21.527	149	892	0.070	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.693	276	1064	0.046	ng	# 84
37) Benzo(b)fluoranthene	23.337	252	1204	0.048	ng	# 28
38) Benzo(k)fluoranthene	23.387	252	1043	0.038	ng	# 28
39) Benzo(a)pyrene	23.983	252	658	0.034	ng	# 1
40) Dibenzo(a,h)anthracene	26.720	278	877	0.047	ng	# 50
41) Benzo(g,h,i)perylene	27.486	276	963	0.048	ng	# 68

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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RE117D2-20221121

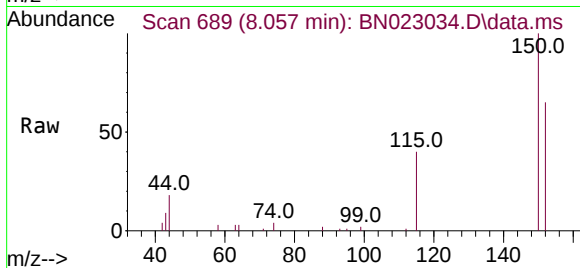
Quant Time: Dec 02 03:08:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration



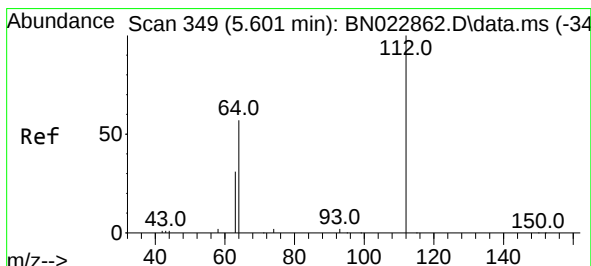
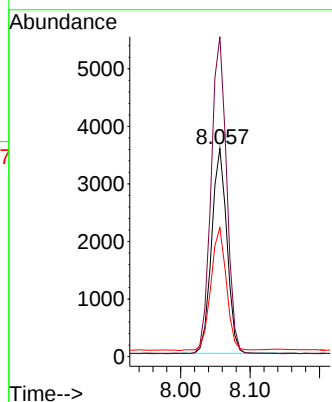
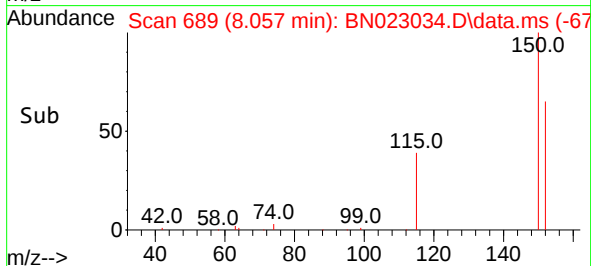


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: BN023034.D
 Acq: 02 Dec 2022 02:30

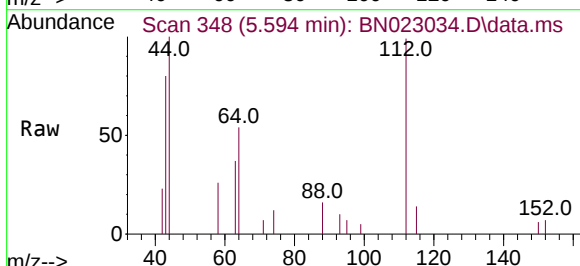
Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20221121



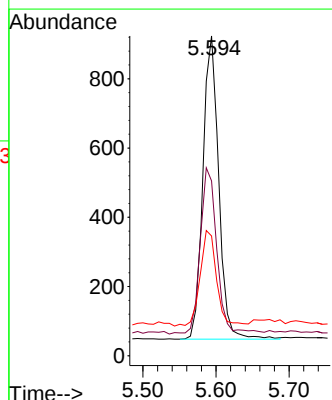
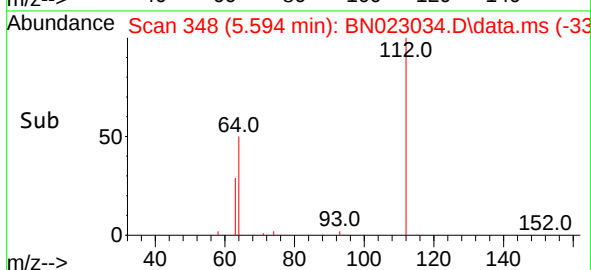
Tgt Ion:152 Resp: 5459
 Ion Ratio Lower Upper
 152 100
 150 153.8 121.2 181.8
 115 61.9 46.2 69.4

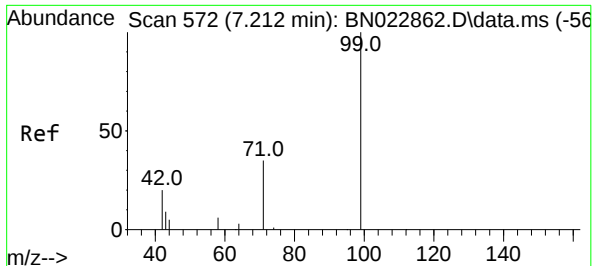


#4
 2-Fluorophenol
 Concen: 0.093 ng
 RT: 5.594 min Scan# 348
 Delta R.T. -0.000 min
 Lab File: BN023034.D
 Acq: 02 Dec 2022 02:30



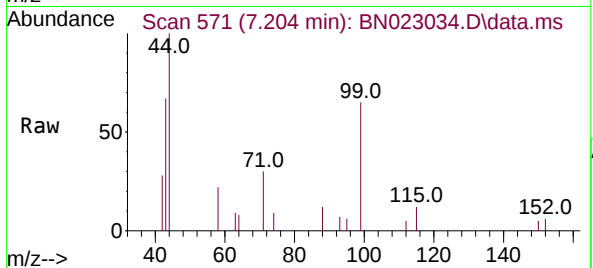
Tgt Ion:112 Resp: 1317
 Ion Ratio Lower Upper
 112 100
 64 56.0 43.4 65.2
 63 32.4 23.4 35.2



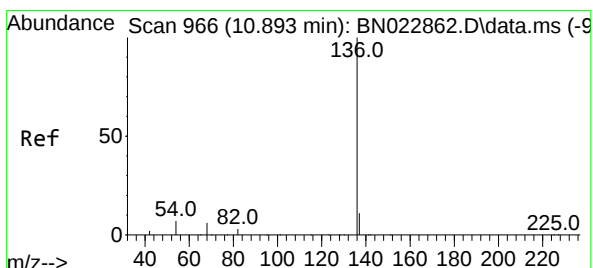
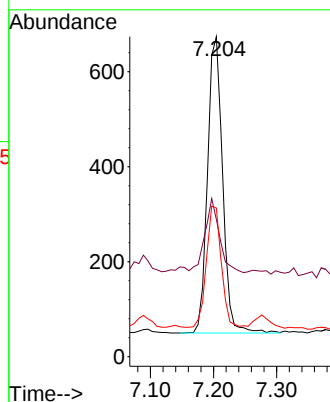
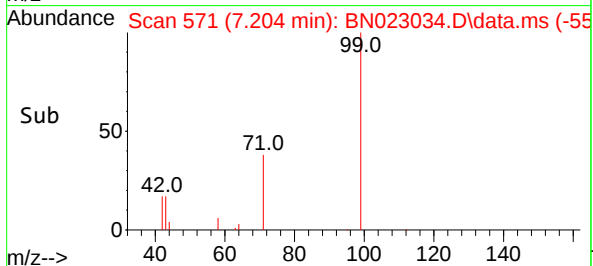


#5
Phenol-d6
Concen: 0.057 ng
RT: 7.204 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

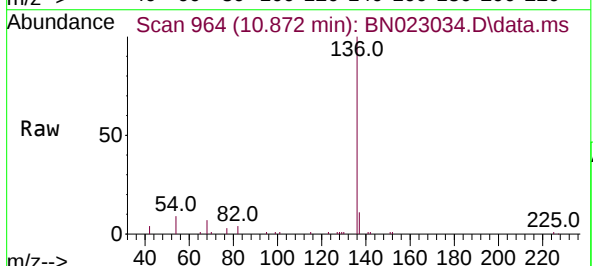
Instrument :
BNA_N
ClientSampleId :
RE117D2-20221121



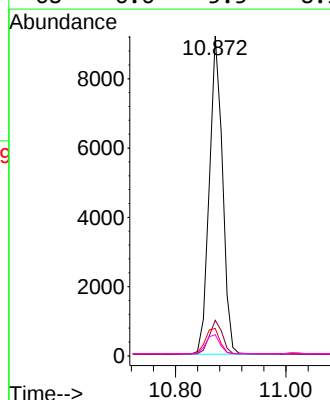
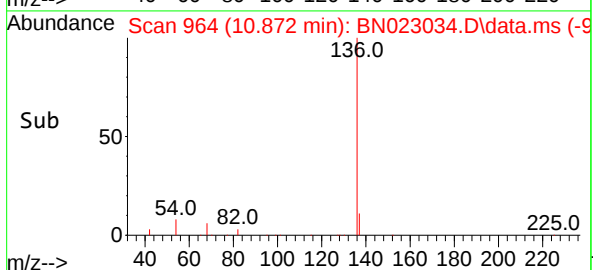
Tgt Ion: 99 Resp: 1034
Ion Ratio Lower Upper
99 100
42 24.4 16.0 24.0#
71 40.3 26.8 40.2#

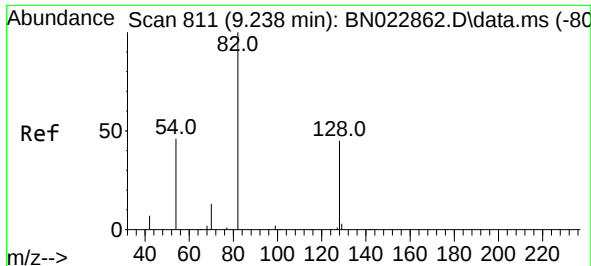


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.000 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30



Tgt Ion: 136 Resp: 15132
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.6 6.6 9.8
68 6.6 5.5 8.3

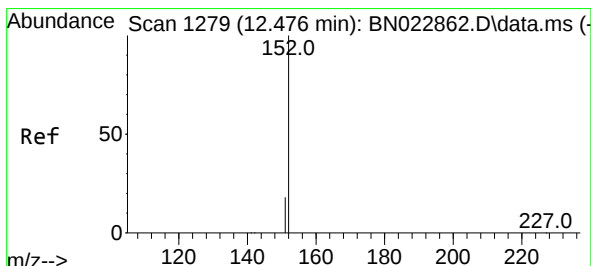
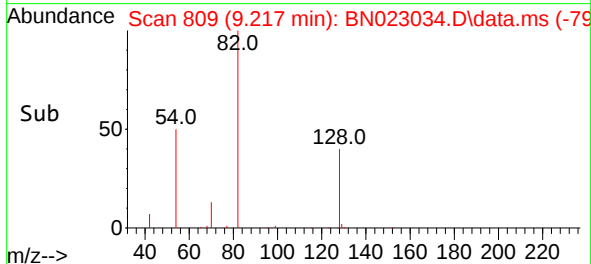
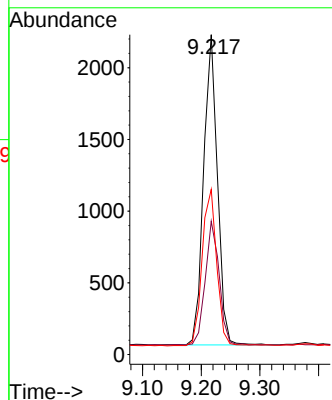
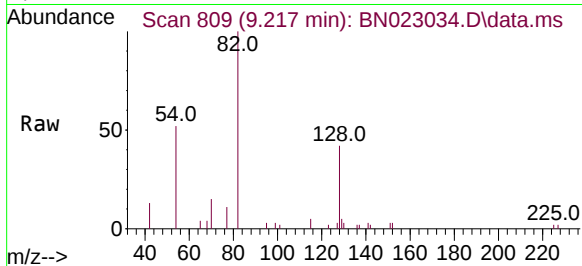




#8
 Nitrobenzene-d5
 Concen: 0.300 ng
 RT: 9.217 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BN023034.D
 Acq: 02 Dec 2022 02:30

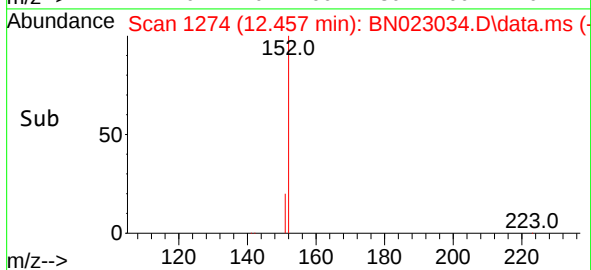
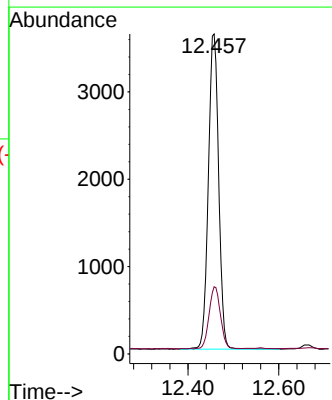
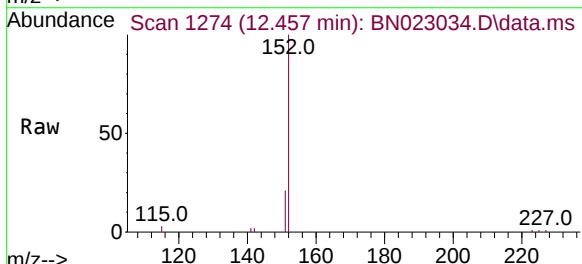
Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20221121

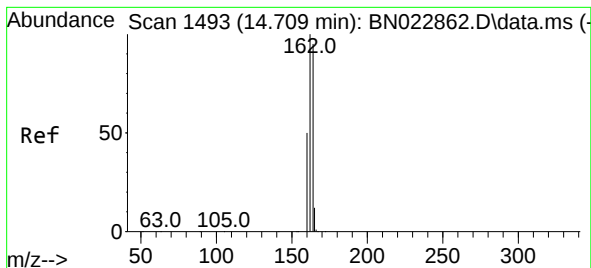
Tgt Ion: 82 Resp: 3522
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.6 54.8
 54 51.6 38.5 57.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.241 ng
 RT: 12.457 min Scan# 1274
 Delta R.T. -0.000 min
 Lab File: BN023034.D
 Acq: 02 Dec 2022 02:30

Tgt Ion: 152 Resp: 7904
 Ion Ratio Lower Upper
 152 100
 151 16.9 18.6 27.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.688 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN023034.D

Acq: 02 Dec 2022 02:30

Instrument :

BNA_N

ClientSampleId :

RE117D2-20221121

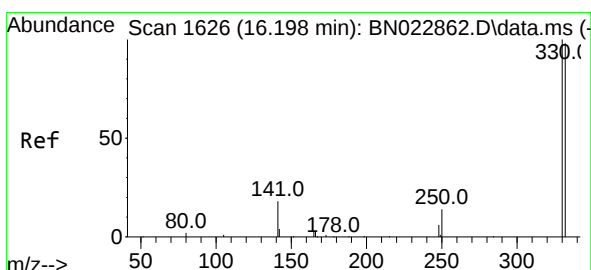
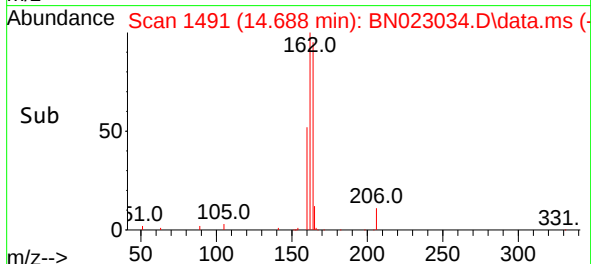
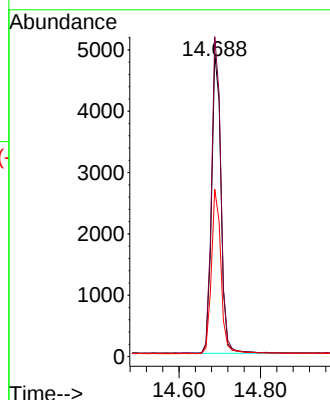
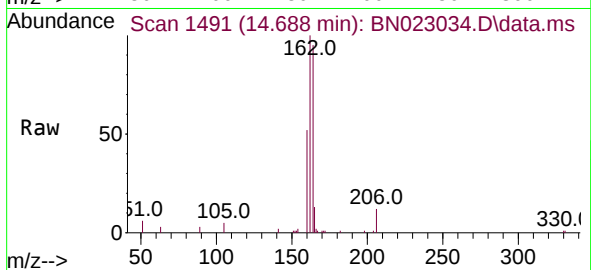
Tgt Ion:164 Resp: 7808

Ion Ratio Lower Upper

164 100

162 105.6 84.2 126.4

160 55.3 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.197 ng

RT: 16.186 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BN023034.D

Acq: 02 Dec 2022 02:30

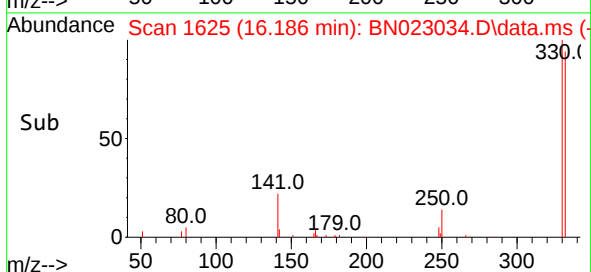
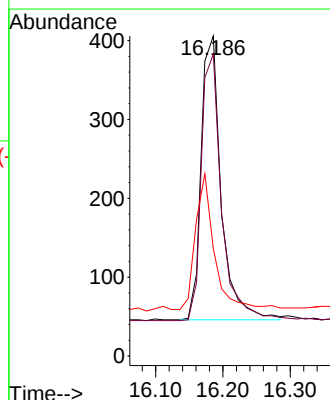
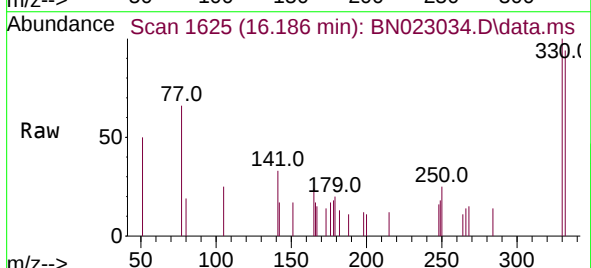
Tgt Ion:330 Resp: 743

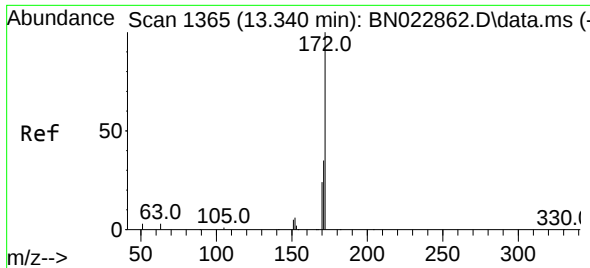
Ion Ratio Lower Upper

330 100

332 95.2 76.5 114.7

141 45.0 32.6 48.8

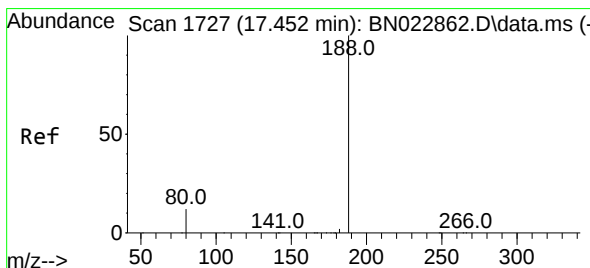
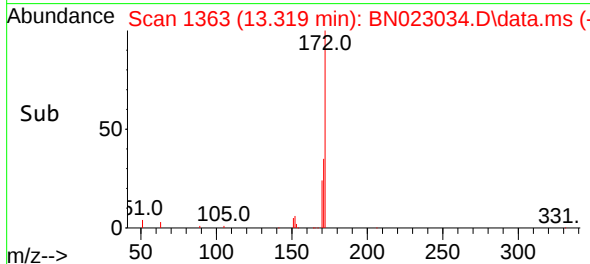
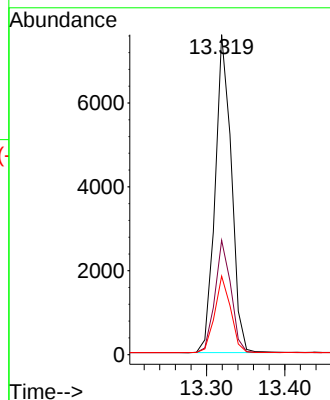
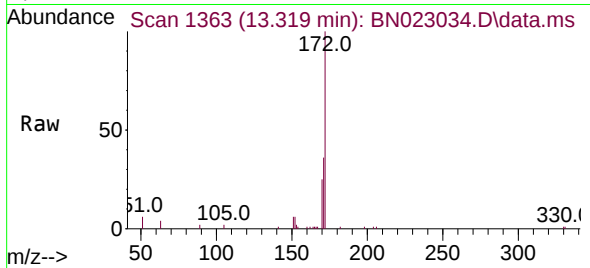




#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

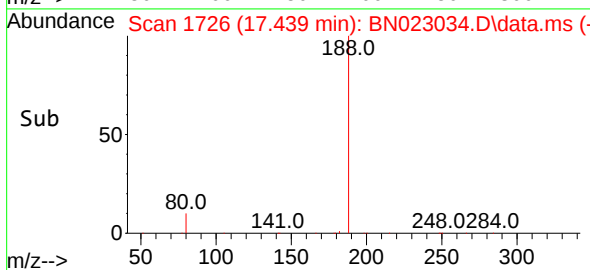
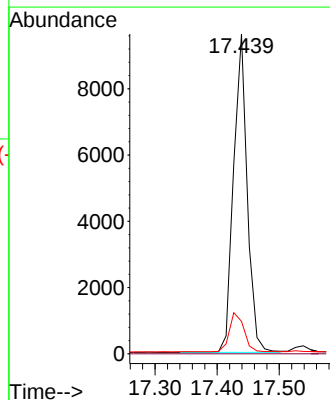
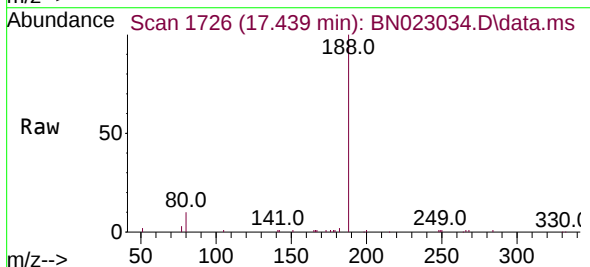
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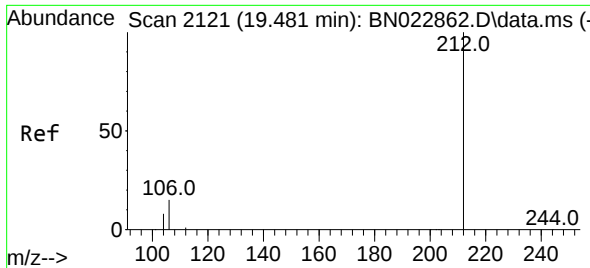
Tgt Ion:	172	Resp:	10986
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.2	42.4
170	24.5	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

Tgt Ion:	188	Resp:	14633
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.2	10.3	15.5

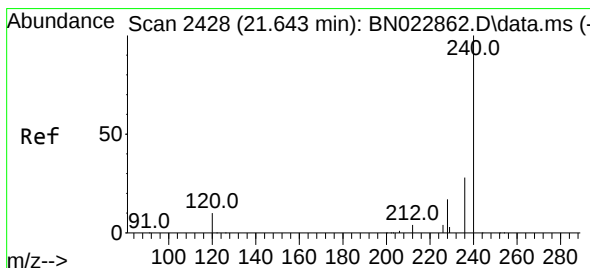
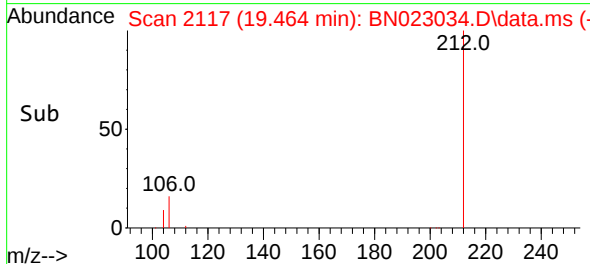
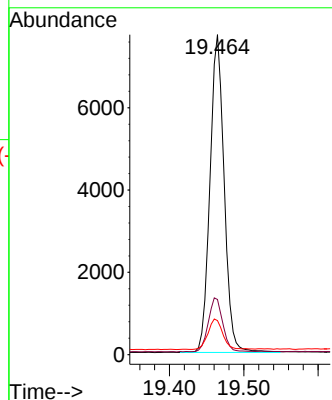
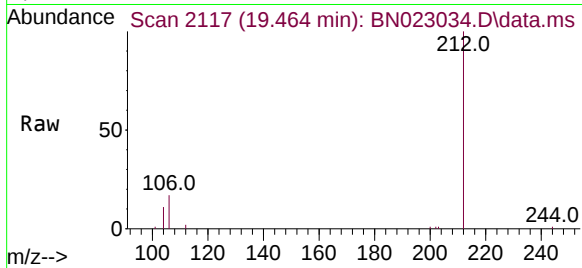




#27
Fluoranthene-d10
Concen: 0.259 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

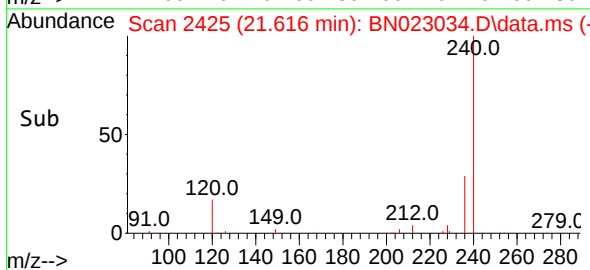
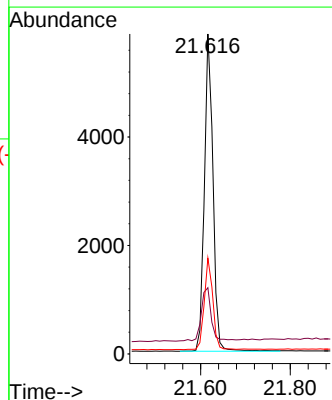
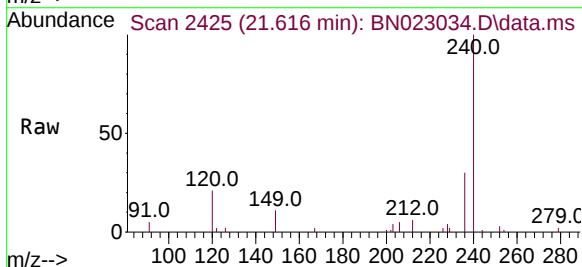
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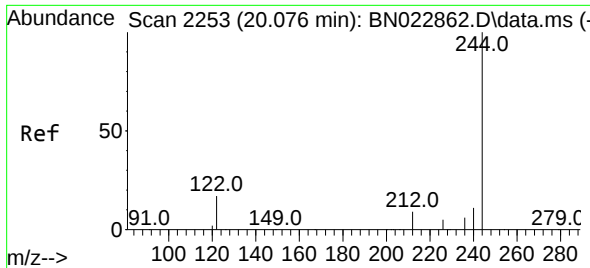
Tgt Ion:212 Resp: 10275
Ion Ratio Lower Upper
212 100
106 17.0 12.3 18.5
104 9.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

Tgt Ion:240 Resp: 7804
Ion Ratio Lower Upper
240 100
120 20.7 9.2 13.8#
236 29.9 22.6 34.0

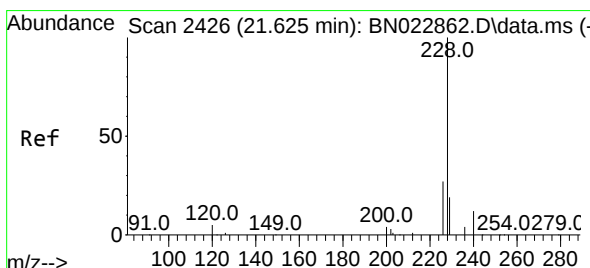
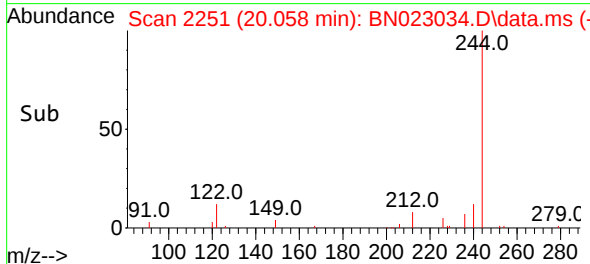
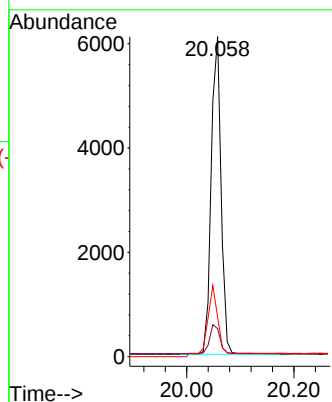
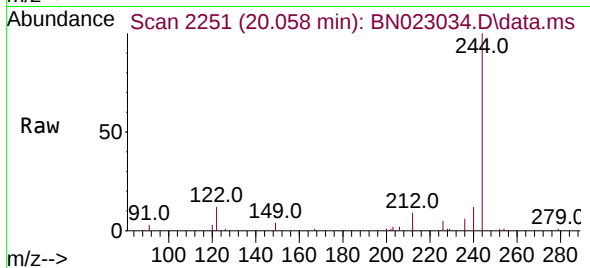




#31
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023034.D
 Acq: 02 Dec 2022 02:30

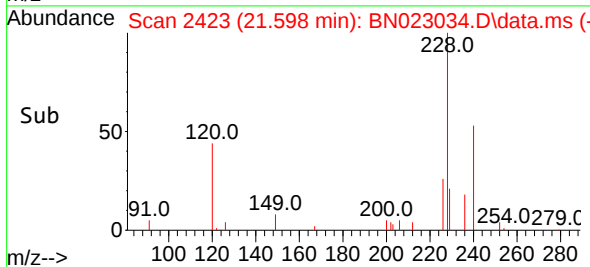
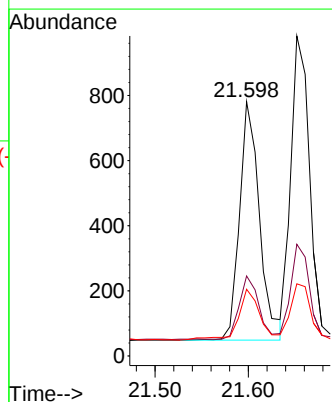
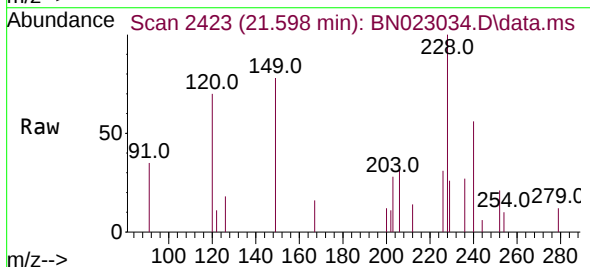
Instrument :
 BNA_N
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 RE117D2-20221121

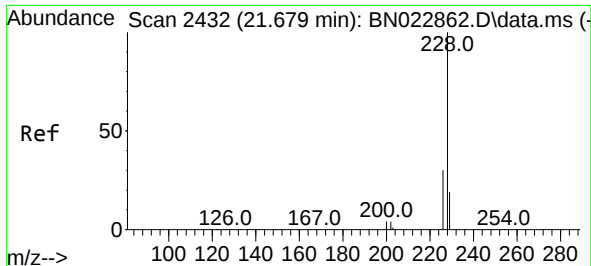
Tgt Ion:244 Resp: 7047
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.9 11.9
 122 12.3 13.9 20.9#



#32
 Benzo(a)anthracene
 Concen: 0.034 ng
 RT: 21.598 min Scan# 2423
 Delta R.T. -0.009 min
 Lab File: BN023034.D
 Acq: 02 Dec 2022 02:30

Tgt Ion:228 Resp: 1086
 Ion Ratio Lower Upper
 228 100
 226 31.5 22.1 33.1
 229 26.2 15.8 23.6#





#33

Chrysene

Concen: 0.040 ng

RT: 21.652 min Scan# 2415

Delta R.T. -0.009 min

Lab File: BN023034.D

Acq: 02 Dec 2022 02:30

Instrument :

BNA_N

ClientSampleId :

RE117D2-20221121

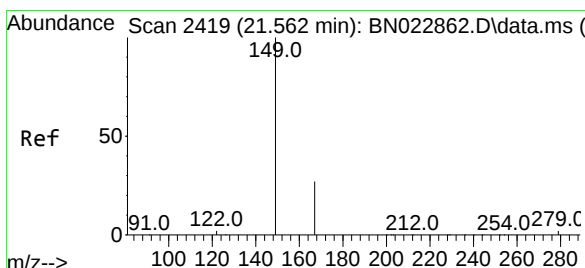
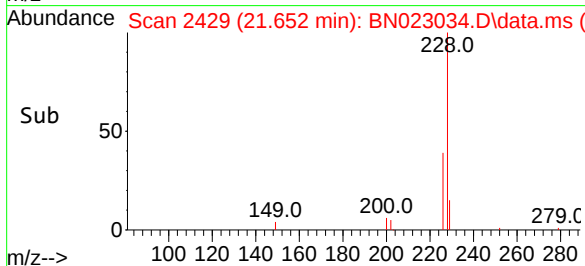
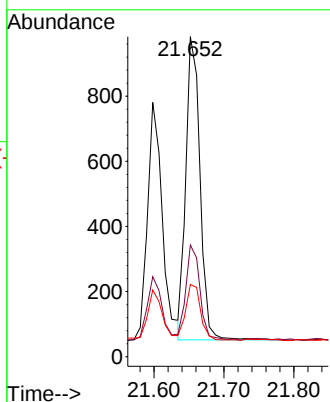
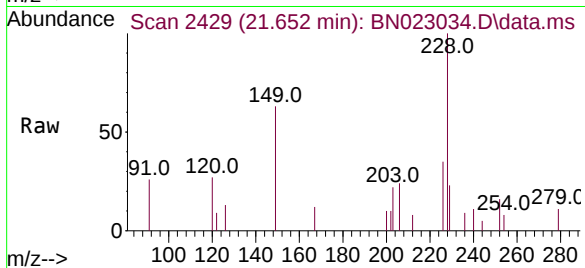
Tgt Ion:228 Resp: 1314

Ion Ratio Lower Upper

228 100

226 34.9 24.5 36.7

229 22.6 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.527 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BN023034.D

Acq: 02 Dec 2022 02:30

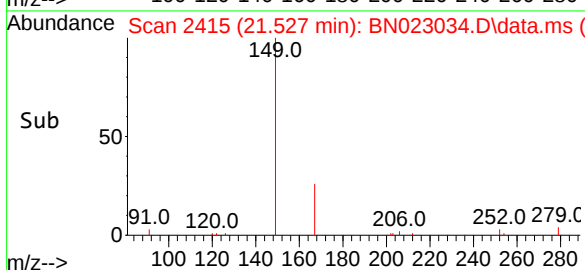
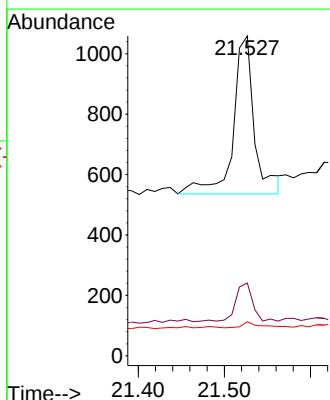
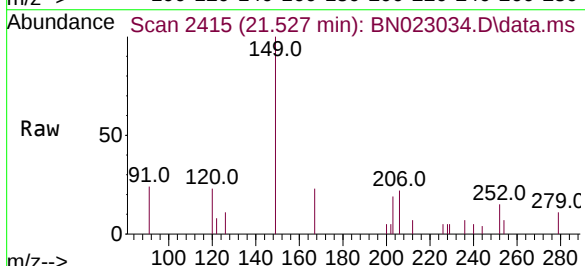
Tgt Ion:149 Resp: 892

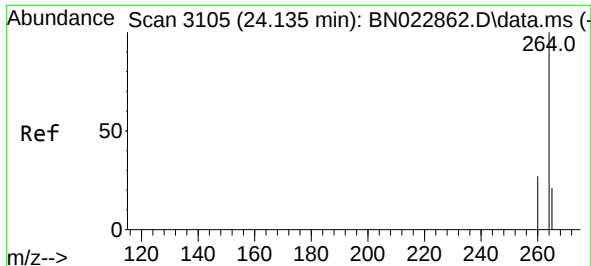
Ion Ratio Lower Upper

149 100

167 18.7 21.3 31.9#

279 3.3 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.097 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN023034.D

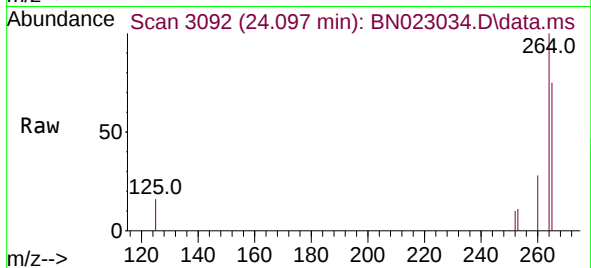
Acq: 02 Dec 2022 02:30

Instrument :

BNA_N

ClientSampleId :

RE117D2-20221121



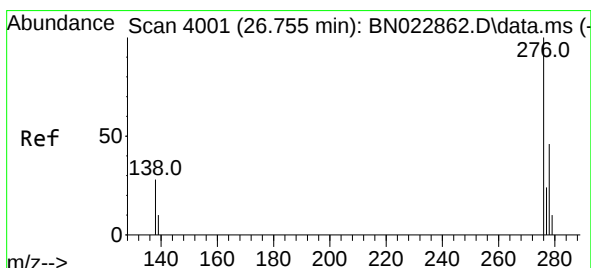
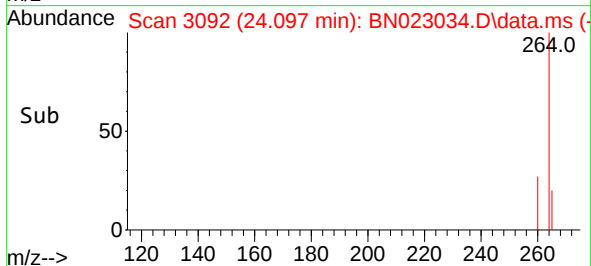
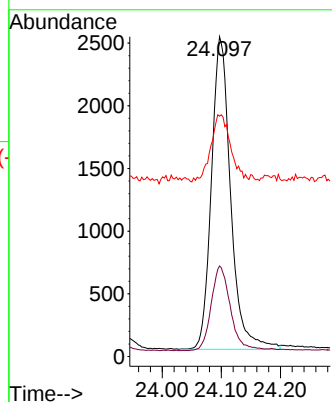
Tgt Ion:264 Resp: 5628

Ion Ratio Lower Upper

264 100

260 28.3 21.7 32.5

265 75.1 31.0 46.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.046 ng

RT: 26.693 min Scan# 3980

Delta R.T. -0.003 min

Lab File: BN023034.D

Acq: 02 Dec 2022 02:30

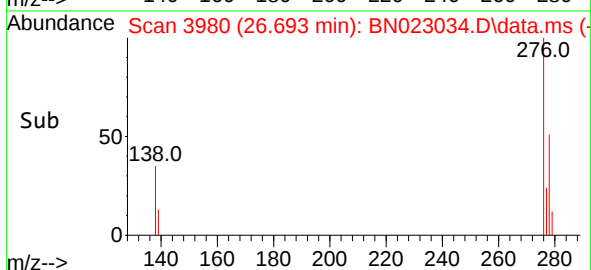
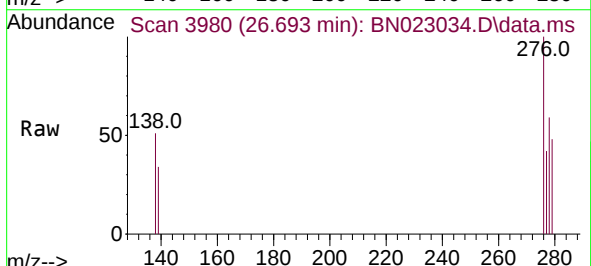
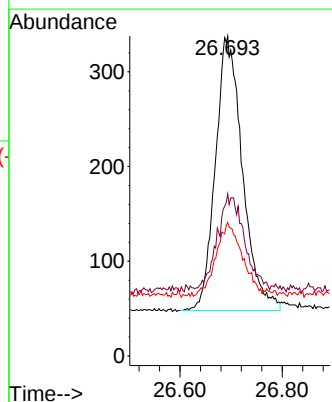
Tgt Ion:276 Resp: 1064

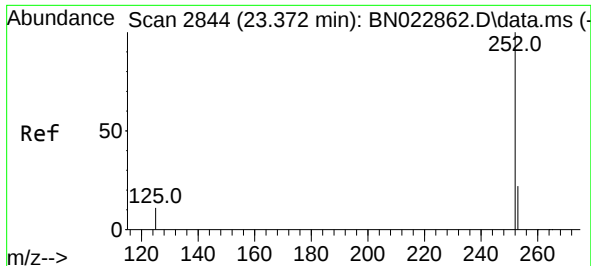
Ion Ratio Lower Upper

276 100

138 15.5 24.4 36.6#

277 26.1 19.9 29.9

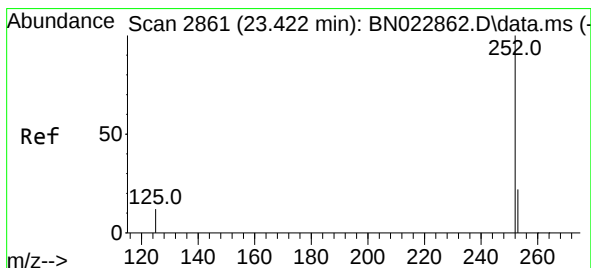
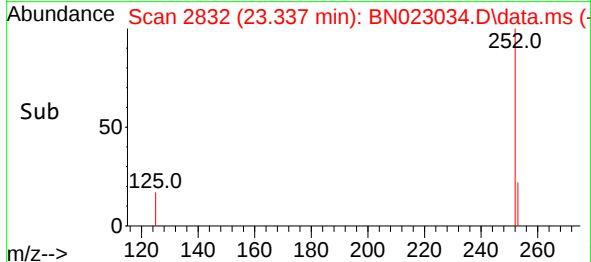
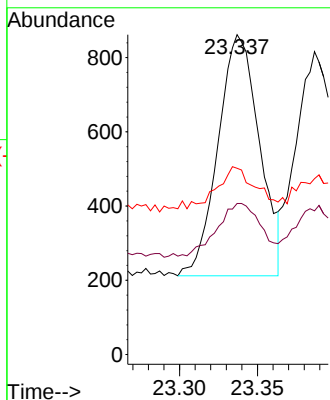
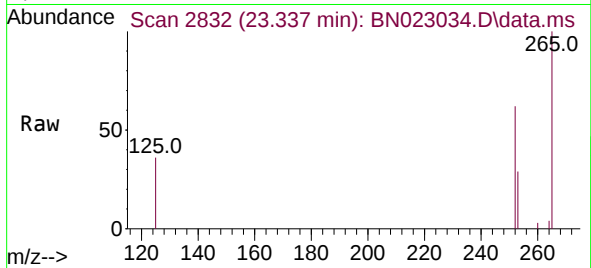




#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.337 min Scan# 2849
Delta R.T. -0.003 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

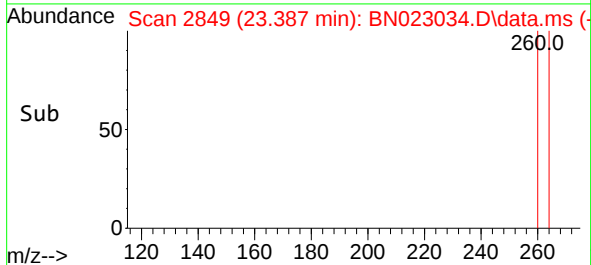
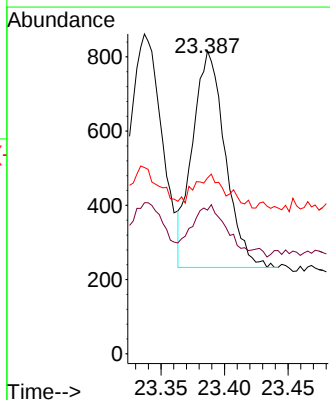
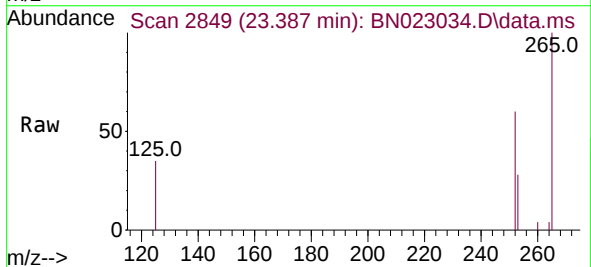
Instrument :
BNA_N
ClientSampleId :
RE117D2-20221121

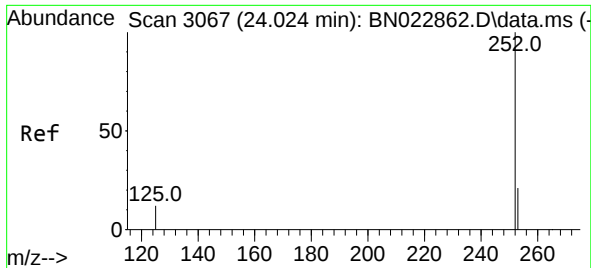
Tgt Ion:252 Resp: 1204
Ion Ratio Lower Upper
252 100
253 47.2 18.5 27.7#
125 58.2 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.038 ng
RT: 23.387 min Scan# 2849
Delta R.T. -0.003 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

Tgt Ion:252 Resp: 1043
Ion Ratio Lower Upper
252 100
253 47.4 18.6 27.8#
125 58.1 11.0 16.4#

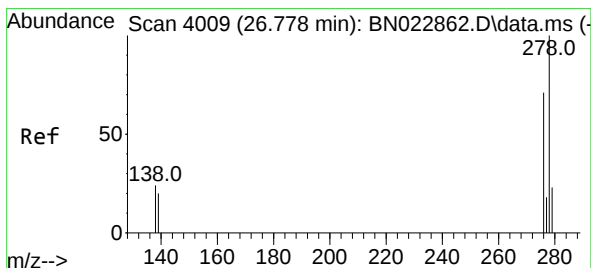
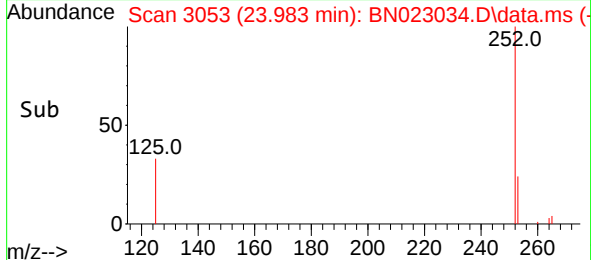
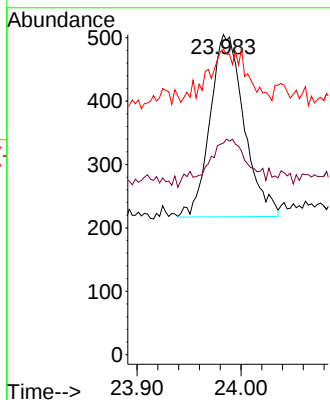
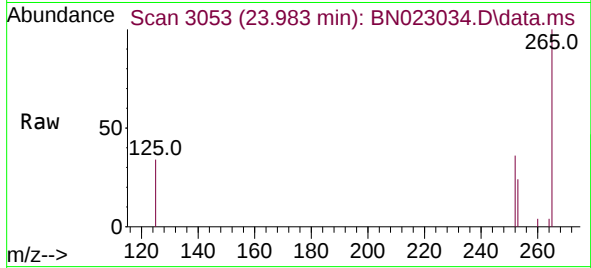




#39
Benzo(a)pyrene
Concen: 0.034 ng
RT: 23.983 min Scan# 3067
Delta R.T. -0.009 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

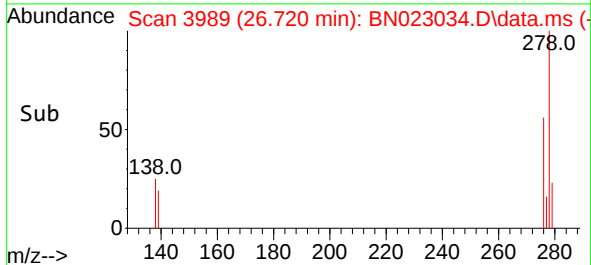
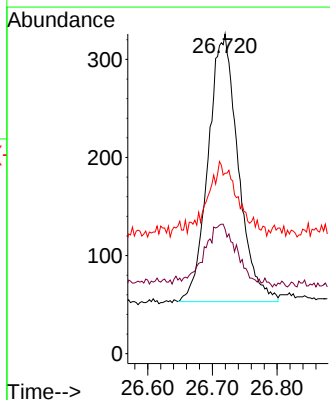
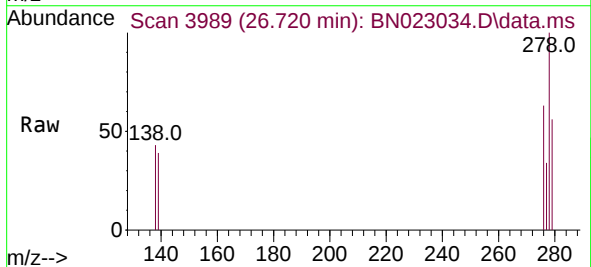
Instrument :
BNA_N
ClientSampleId :
RE117D2-20221121

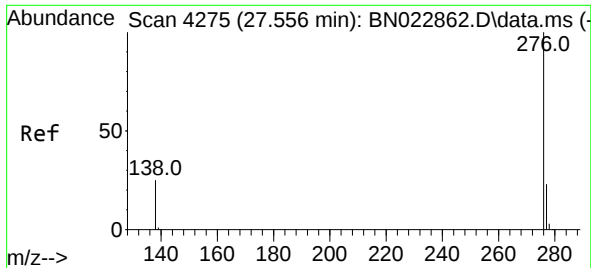
Tgt Ion:252 Resp: 658
Ion Ratio Lower Upper
252 100
253 66.1 19.2 28.8#
125 95.4 12.7 19.1#



#40
Dibenzo(a,h)anthracene
Concen: 0.047 ng
RT: 26.720 min Scan# 3989
Delta R.T. 0.003 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

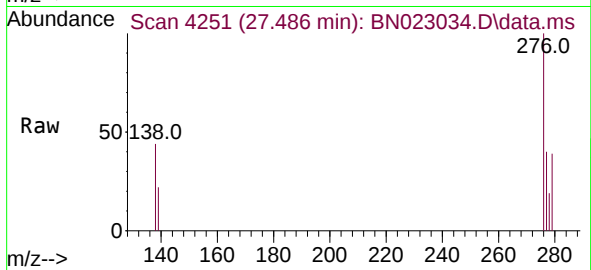
Tgt Ion:278 Resp: 877
Ion Ratio Lower Upper
278 100
139 39.0 17.4 26.0#
279 56.4 20.0 30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.048 ng
RT: 27.486 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN023034.D
Acq: 02 Dec 2022 02:30

Instrument :
BNA_N
ClientSampleId :
RE117D2-20221121



Tgt Ion:276 Resp: 963
Ion Ratio Lower Upper
276 100
277 39.7 19.7 29.5#
138 44.2 21.4 32.2#

