

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
 Data File : BN023052.D
 Acq On : 02 Dec 2022 18:20
 Operator : CG/JU
 Sample : N5852-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN-03-12012022

Quant Time: Dec 05 00:34:51 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)

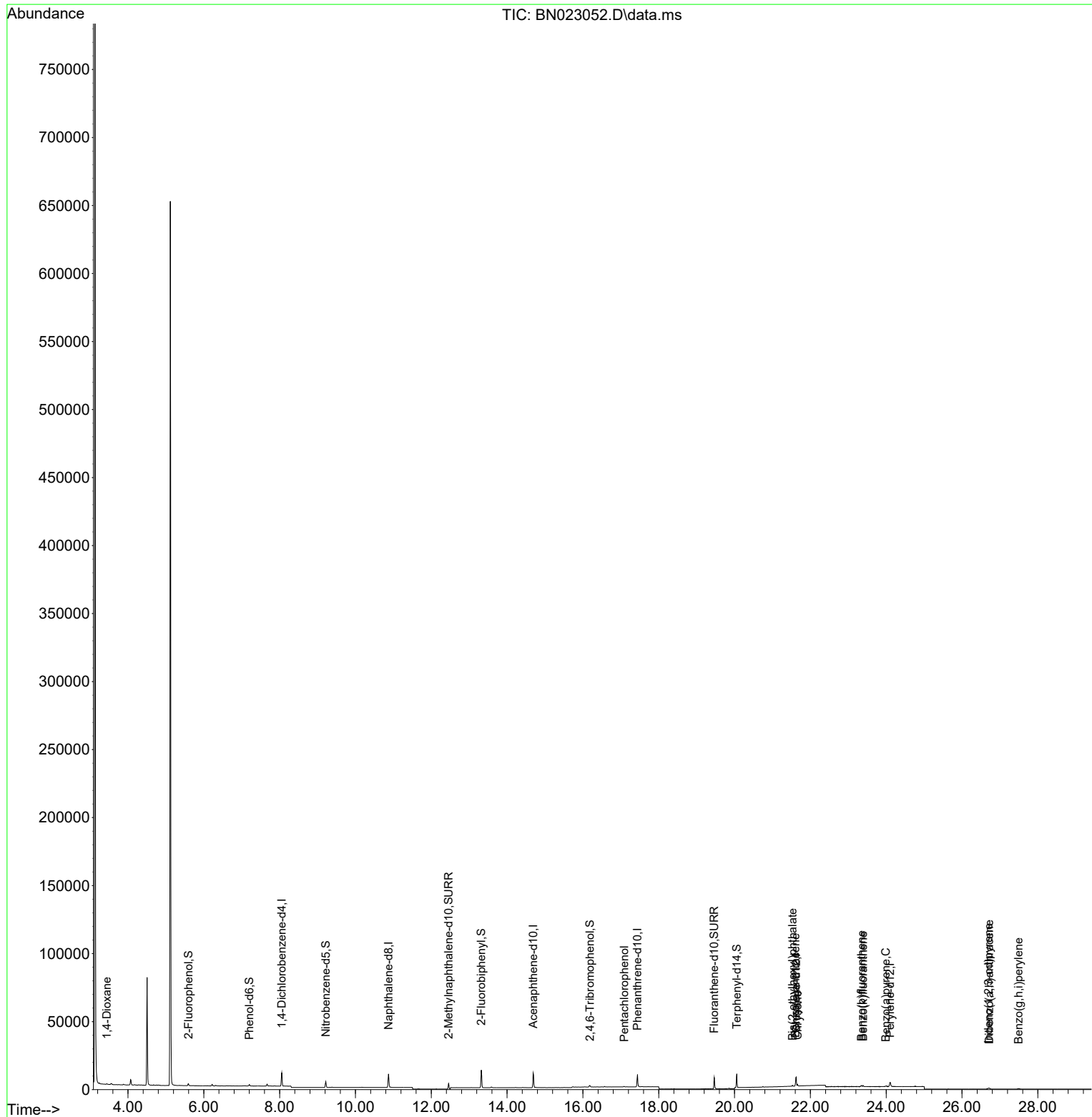
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	4582	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	12427	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6125	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11658	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	6143	0.400	ng	# 0.00
35) Perylene-d12	24.103	264	4705	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1195	0.100	ng	0.00
5) Phenol-d6	7.204	99	900	0.059	ng	0.00
8) Nitrobenzene-d5	9.217	82	3268	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	6897	0.256	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	774	0.262	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10354	0.370	ng	0.00
27) Fluoranthene-d10	19.464	212	8629	0.272	ng	0.00
31) Terphenyl-d14	20.058	244	7954	0.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.442	88	291	0.050	ng	# 52
24) Pentachlorophenol	17.092	266	214	0.076	ng	96
32) Benzo(a)anthracene	21.607	228	714	0.029	ng	# 87
33) Chrysene	21.661	228	918	0.036	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.526	149	928	0.093	ng	# 85
36) Indeno(1,2,3-cd)pyrene	26.702	276	906	0.046	ng	# 92
37) Benzo(b)fluoranthene	23.343	252	938	0.045	ng	# 1
38) Benzo(k)fluoranthene	23.389	252	840	0.037	ng	# 11
39) Benzo(a)pyrene	23.989	252	462	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	26.720	278	770	0.050	ng	# 40
41) Benzo(g,h,i)perylene	27.494	276	789	0.047	ng	# 61

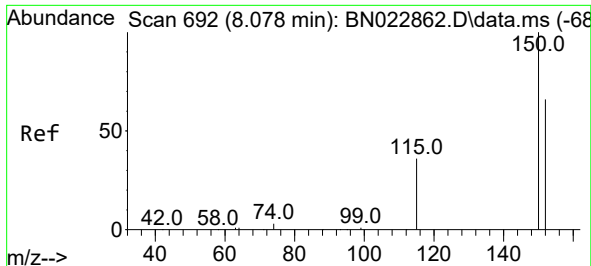
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

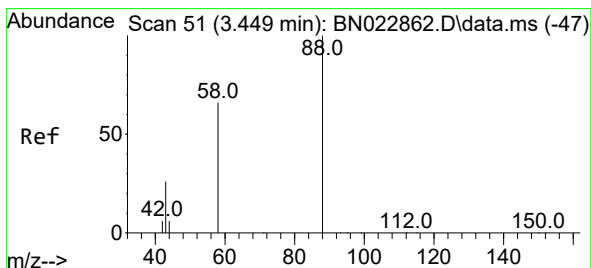
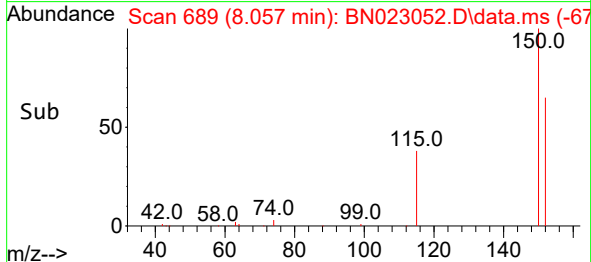
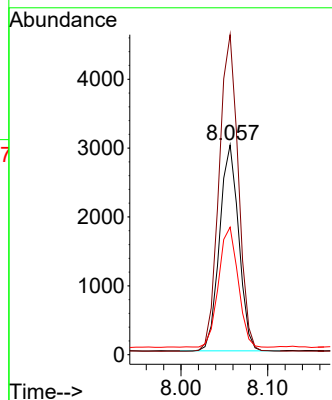
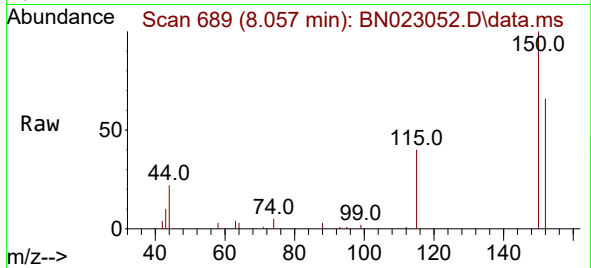




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023052.D
 Acq: 02 Dec 2022 18:20

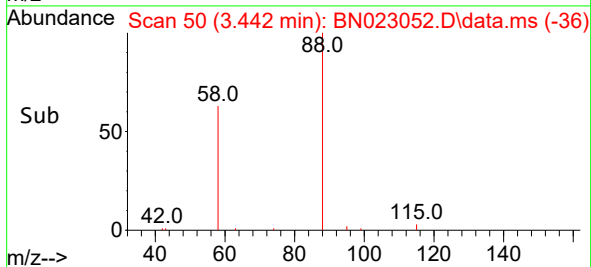
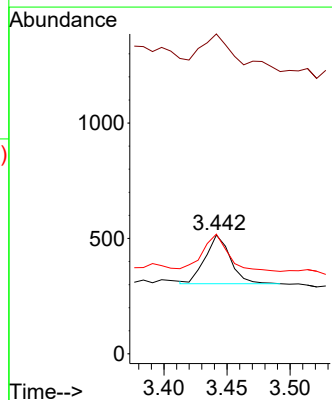
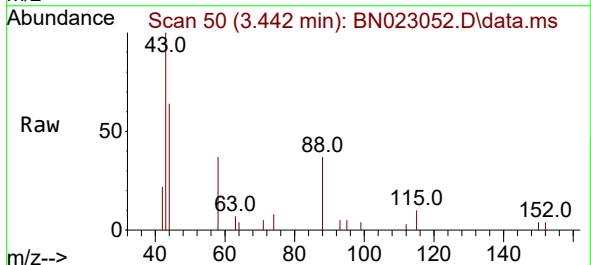
Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN-03-12012022

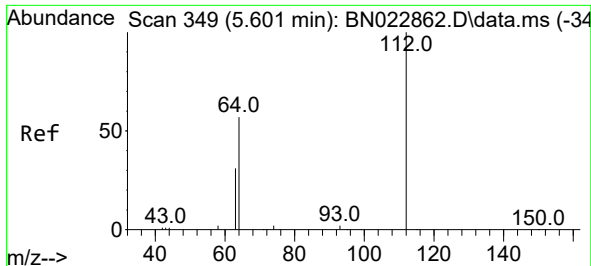
Tgt Ion:152 Resp: 4582
 Ion Ratio Lower Upper
 152 100
 150 152.5 121.2 181.8
 115 60.7 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.050 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023052.D
 Acq: 02 Dec 2022 18:20

Tgt Ion: 88 Resp: 291
 Ion Ratio Lower Upper
 88 100
 43 105.8 25.4 38.2#
 58 79.0 56.5 84.7

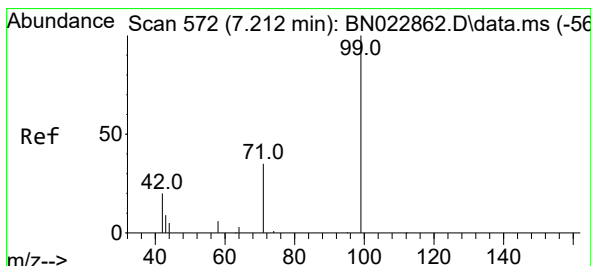
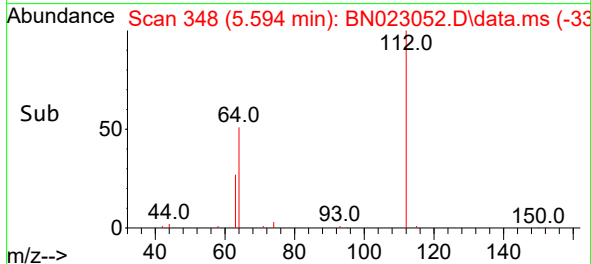
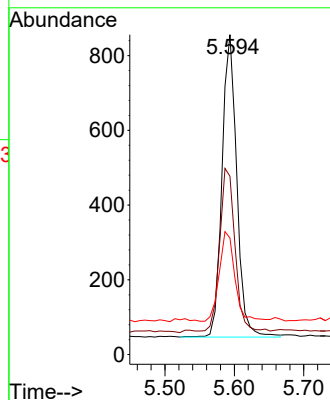
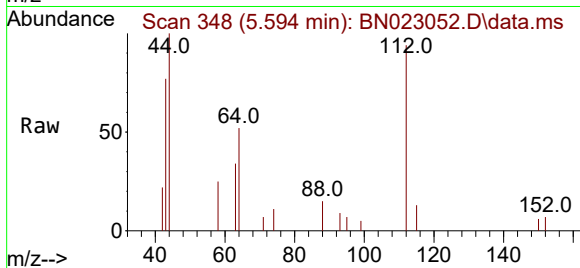




#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

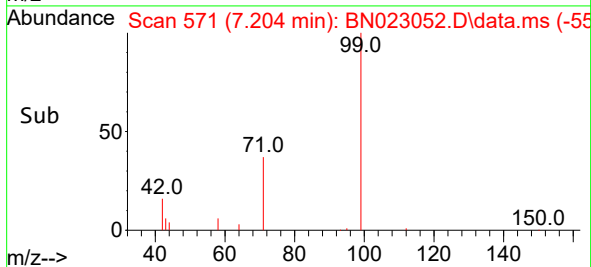
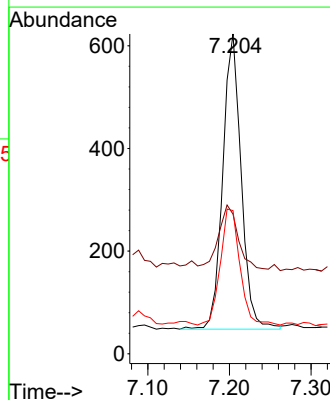
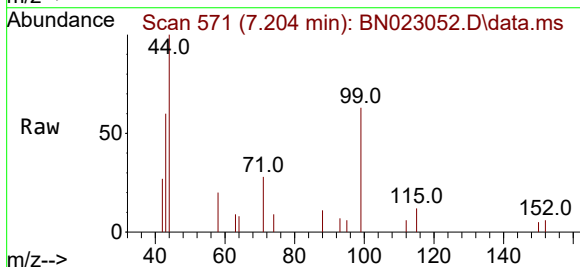
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN-03-12012022

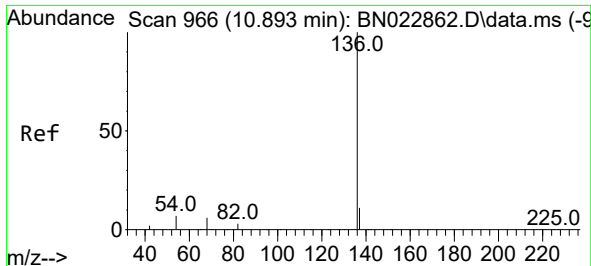
Tgt Ion:112 Resp: 1195
Ion Ratio Lower Upper
112 100
64 55.3 43.4 65.2
63 31.3 23.4 35.2



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

Tgt Ion: 99 Resp: 900
Ion Ratio Lower Upper
99 100
42 22.8 16.0 24.0
71 41.9 26.8 40.2#

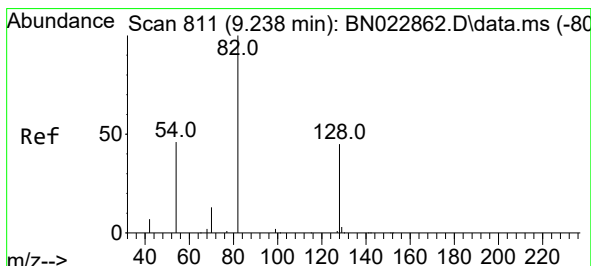
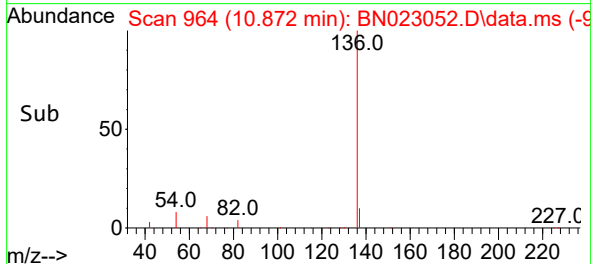
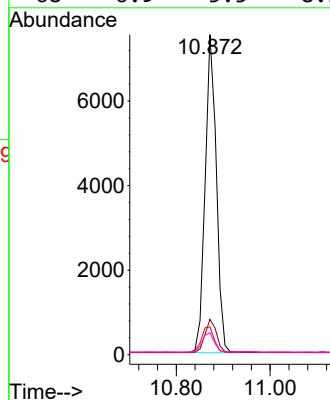
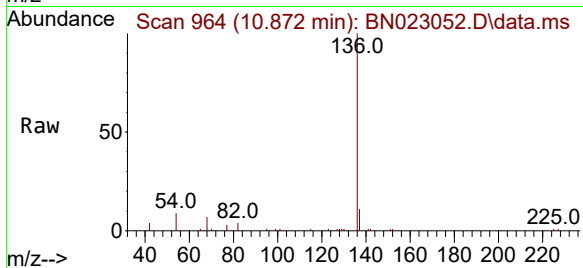




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

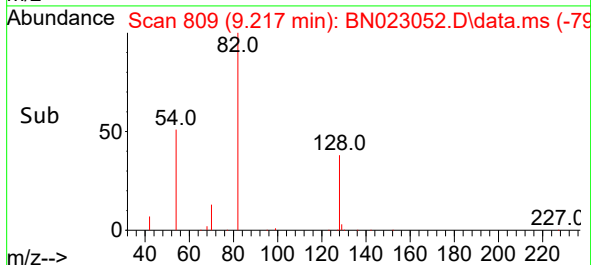
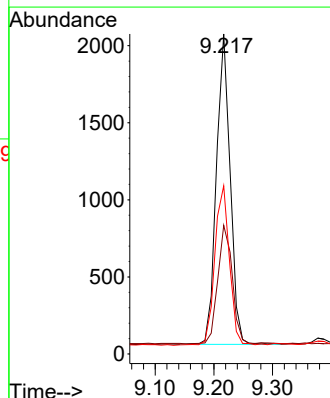
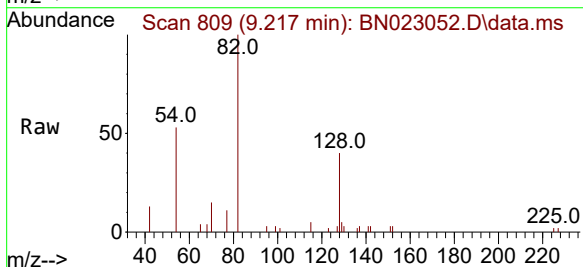
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN-03-12012022

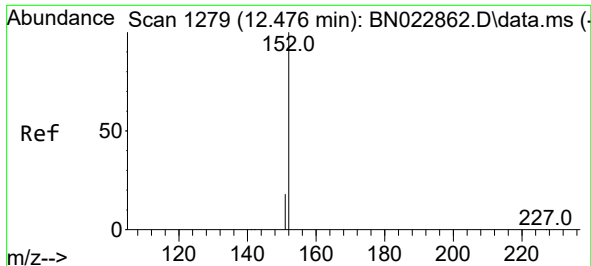
Tgt Ion:	136	Resp:	12427
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.7	6.6	9.8
68	6.9	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

Tgt Ion:	82	Resp:	3268
Ion Ratio	Lower	Upper	
82	100		
128	40.2	36.6	54.8
54	52.6	38.5	57.7





#11

2-Methylnaphthalene-d10

Concen: 0.256 ng

RT: 12.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023052.D

Acq: 02 Dec 2022 18:20

Instrument :

BNA_N

ClientSampleId :

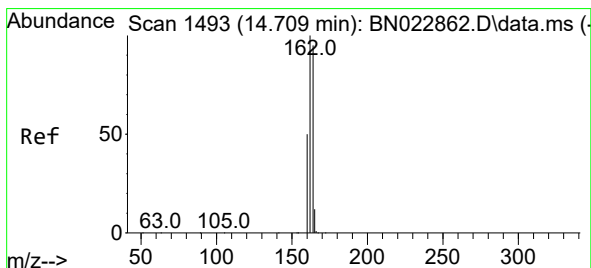
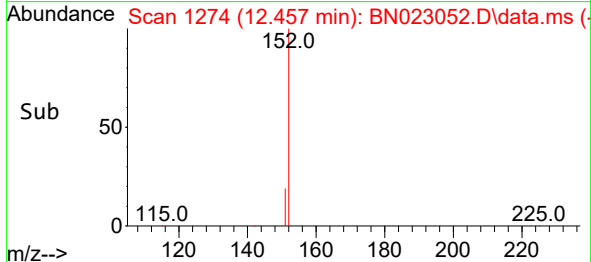
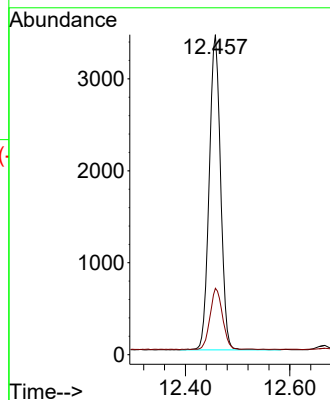
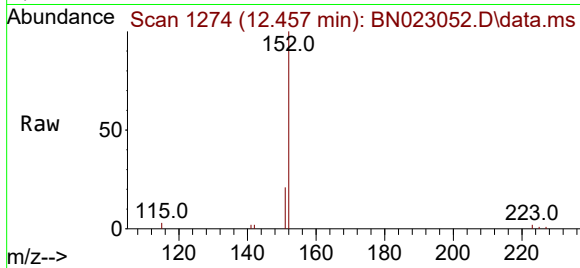
RW9-PT-IN-03-12012022

Tgt Ion:152 Resp: 6897

Ion Ratio Lower Upper

152 100

151 15.9 18.6 27.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.688 min Scan# 1491

Delta R.T. -0.000 min

Lab File: BN023052.D

Acq: 02 Dec 2022 18:20

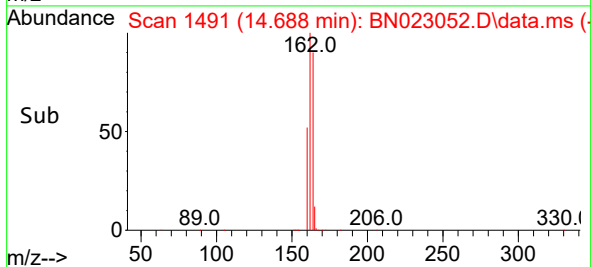
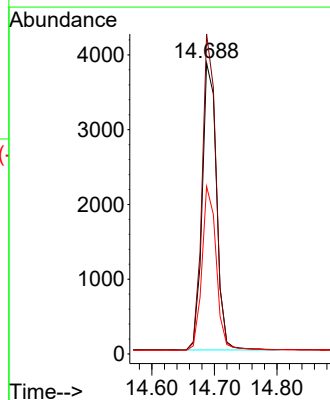
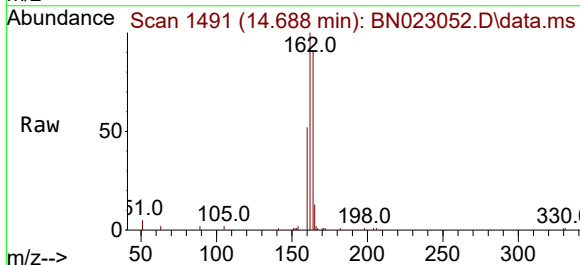
Tgt Ion:164 Resp: 6125

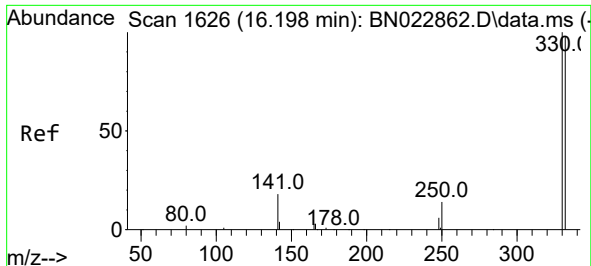
Ion Ratio Lower Upper

164 100

162 110.0 84.2 126.4

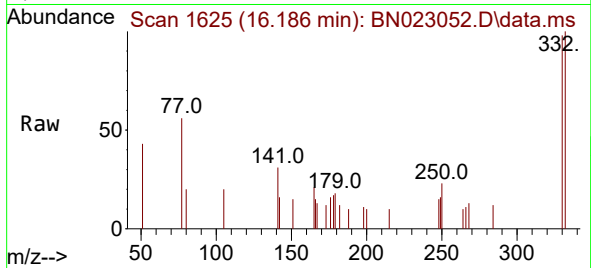
160 57.6 42.5 63.7



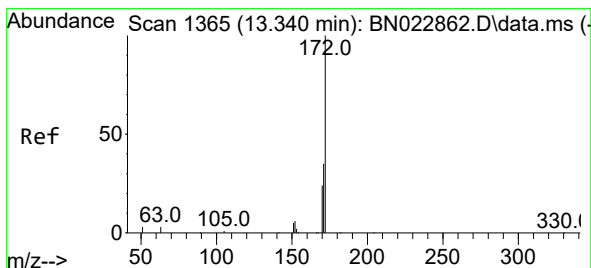
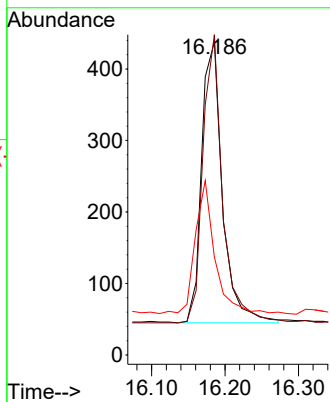
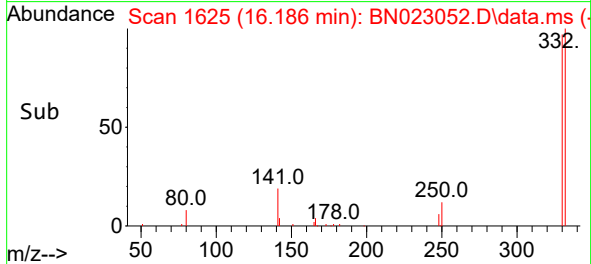


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 16.186 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

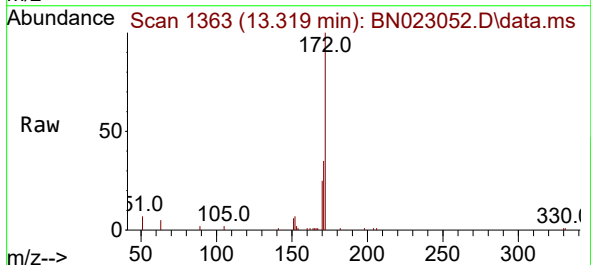
Instrument :
BNA_N
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RW9-PT-IN-03-12012022



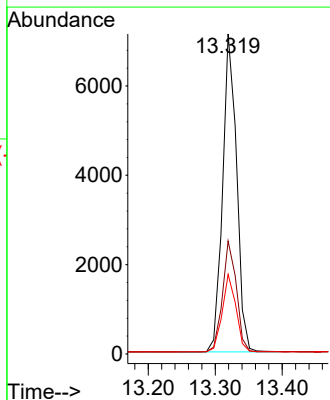
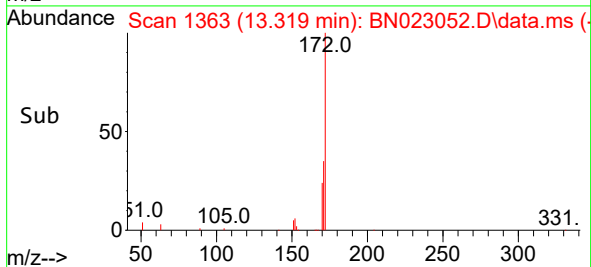
Tgt Ion:330 Resp: 774
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 44.3 32.6 48.8

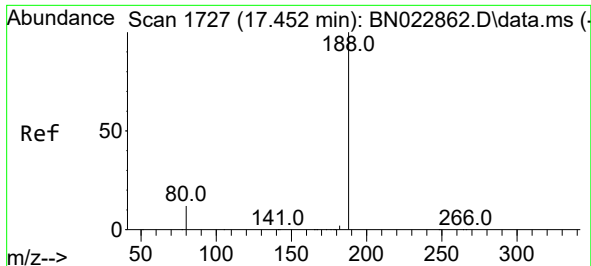


#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20



Tgt Ion:172 Resp: 10354
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 24.9 19.3 28.9

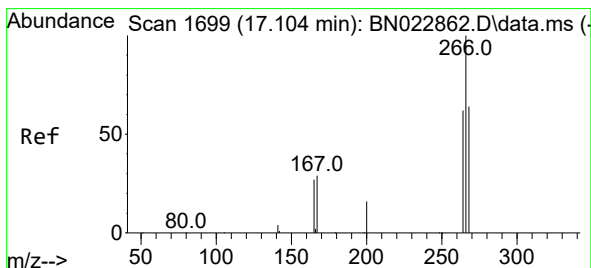
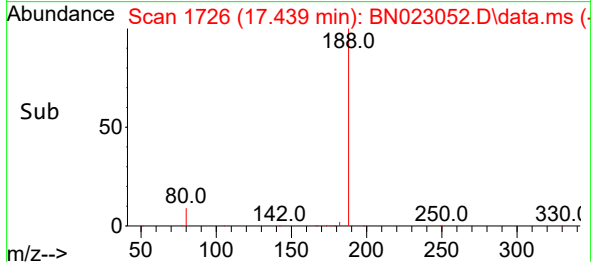
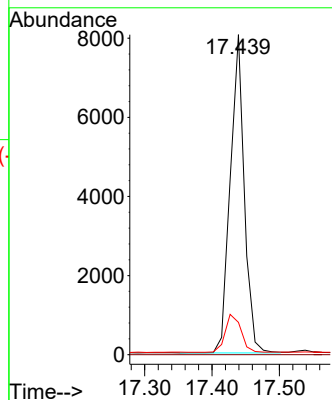
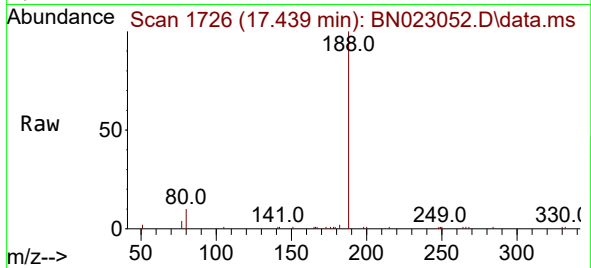




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

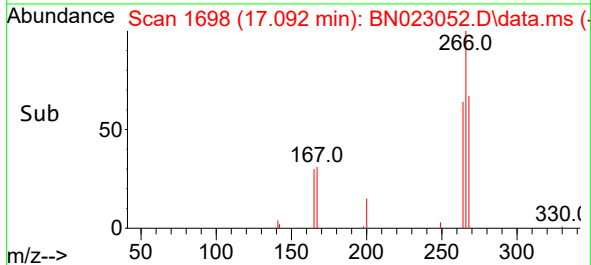
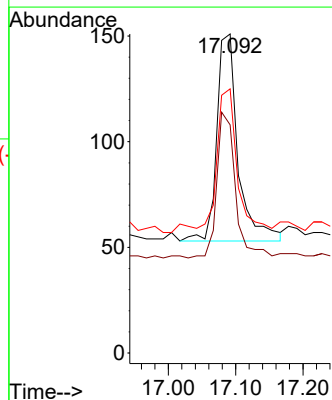
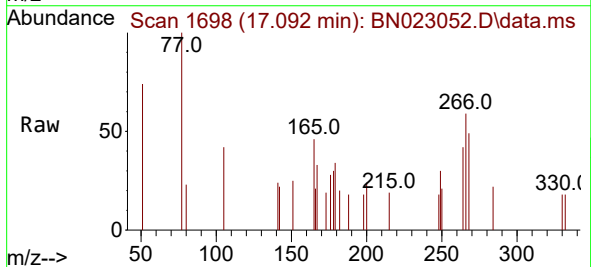
Instrument :
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ClientSampleId :
RW9-PT-IN-03-12012022

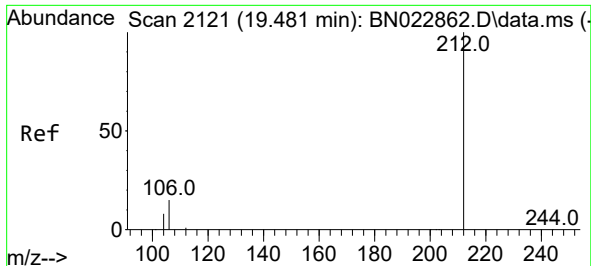
Tgt Ion:188 Resp: 11658
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 10.3 15.5#



#24
Pentachlorophenol
Concen: 0.076 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.012 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

Tgt Ion:266 Resp: 214
Ion Ratio Lower Upper
266 100
264 62.1 50.0 75.0
268 69.2 50.9 76.3

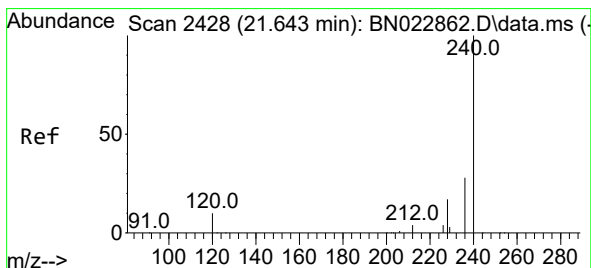
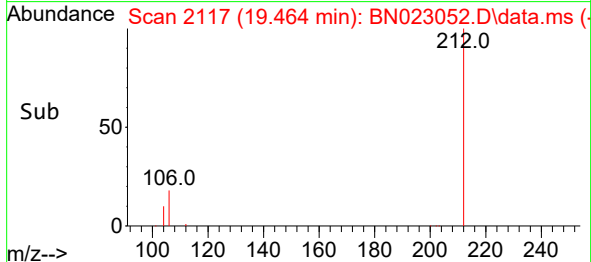
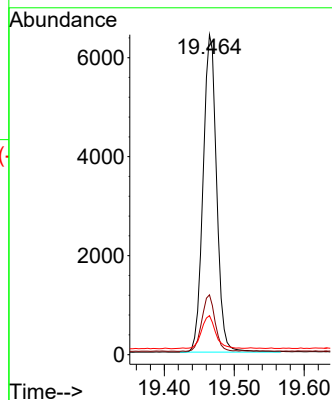
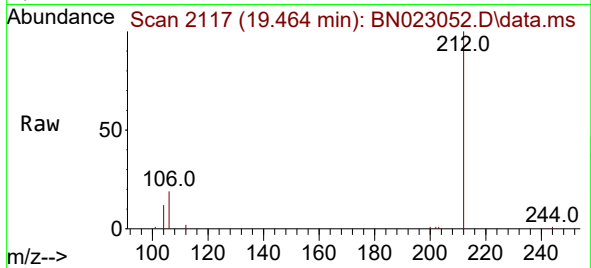




#27
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

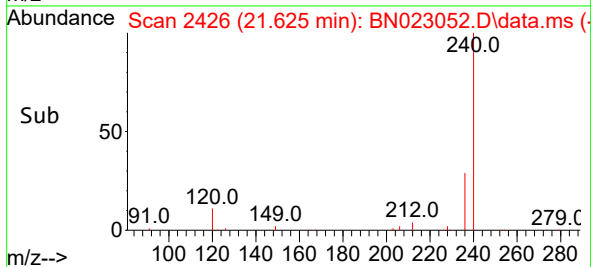
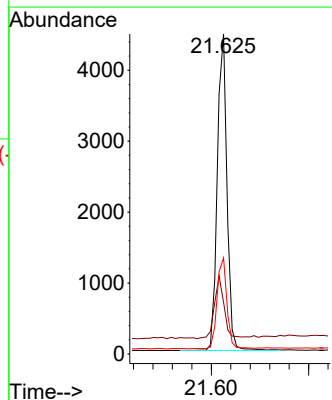
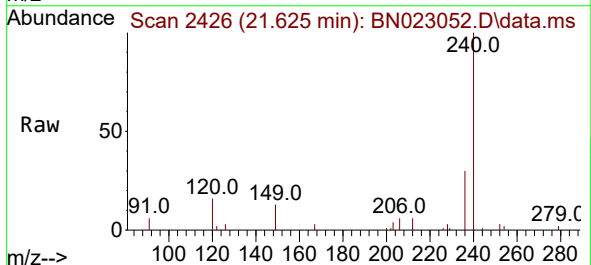
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN-03-12012022

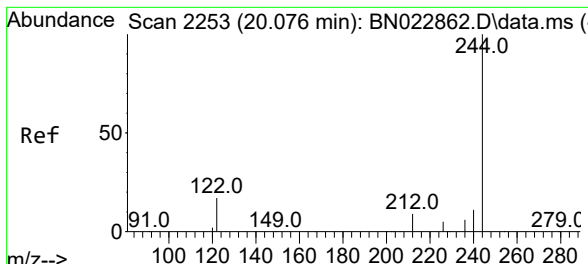
Tgt Ion:212 Resp: 8629
Ion Ratio Lower Upper
212 100
106 17.4 12.3 18.5
104 11.2 7.0 10.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

Tgt Ion:240 Resp: 6143
Ion Ratio Lower Upper
240 100
120 16.2 9.2 13.8#
236 30.1 22.6 34.0

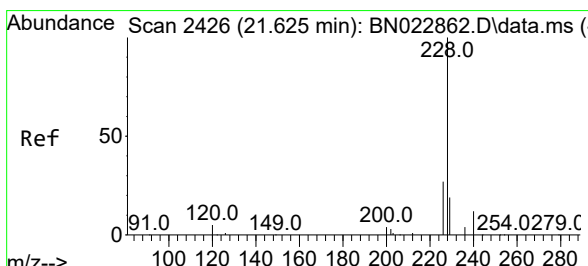
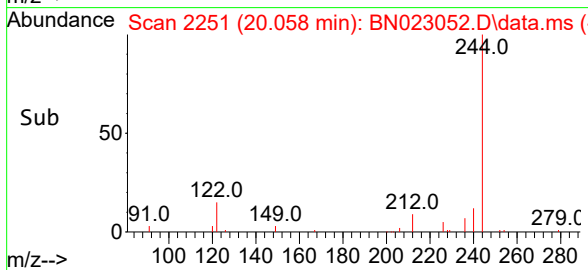
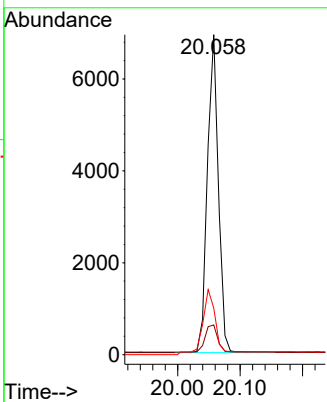
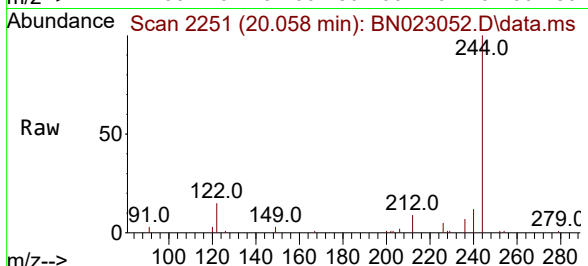




#31
 Terphenyl-d14
 Concen: 0.551 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023052.D
 Acq: 02 Dec 2022 18:20

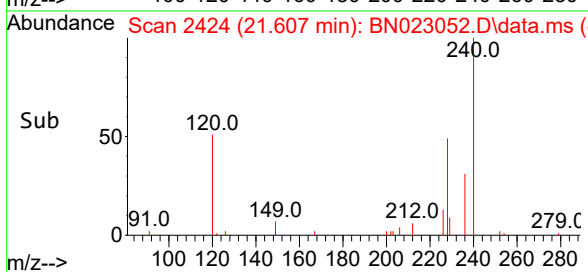
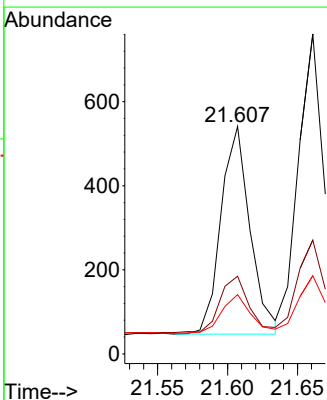
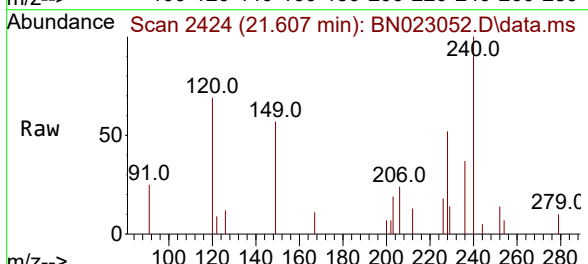
Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN-03-12012022

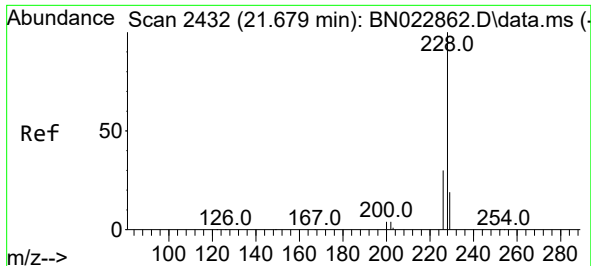
Tgt Ion:	244	Resp:	7954
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.9	11.9
122	14.6	13.9	20.9



#32
 Benzo(a)anthracene
 Concen: 0.029 ng
 RT: 21.607 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BN023052.D
 Acq: 02 Dec 2022 18:20

Tgt Ion:	228	Resp:	714
Ion Ratio	Lower	Upper	
228	100		
226	34.2	22.1	33.1#
229	26.1	15.8	23.6#





#33

Chrysene

Concen: 0.036 ng

RT: 21.661 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BN023052.D

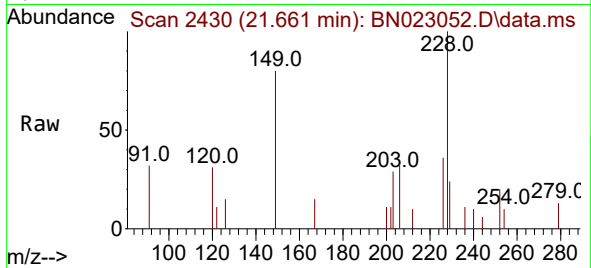
Acq: 02 Dec 2022 18:20

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN-03-12012022



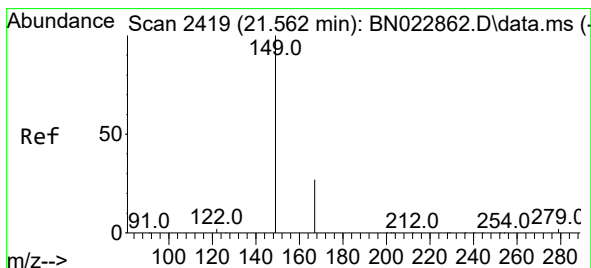
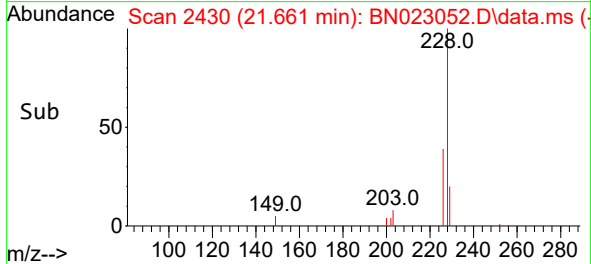
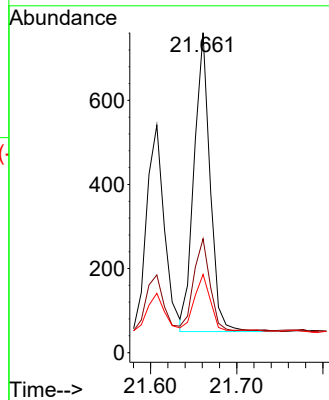
Tgt Ion:228 Resp: 918

Ion Ratio Lower Upper

228 100

226 35.6 24.5 36.7

229 24.4 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.526 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BN023052.D

Acq: 02 Dec 2022 18:20

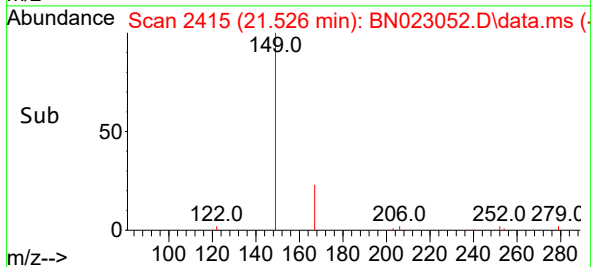
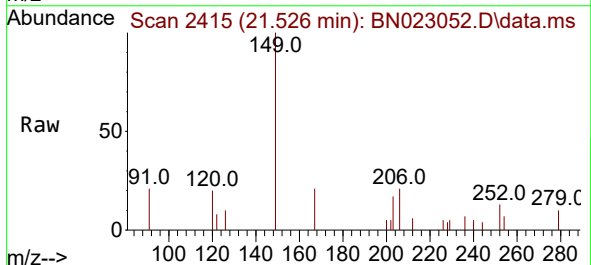
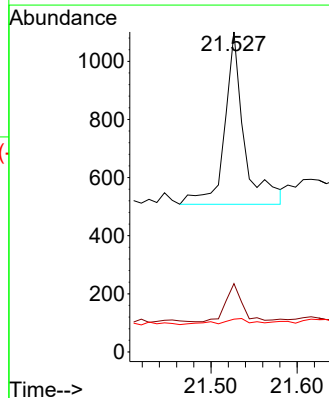
Tgt Ion:149 Resp: 928

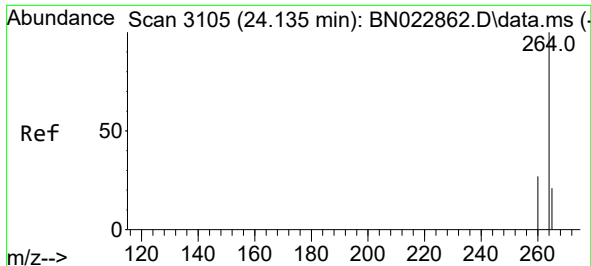
Ion Ratio Lower Upper

149 100

167 18.8 21.3 31.9#

279 5.8 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.103 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BN023052.D

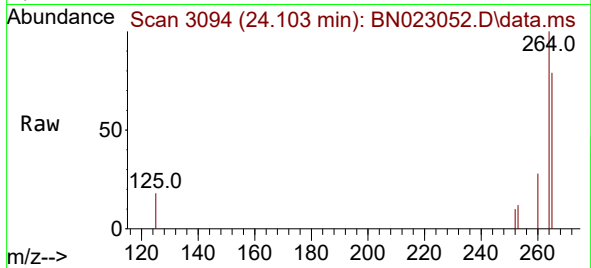
Acq: 02 Dec 2022 18:20

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN-03-12012022



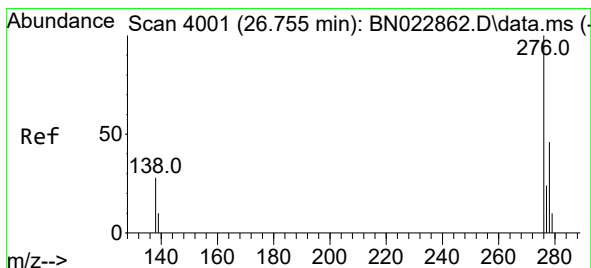
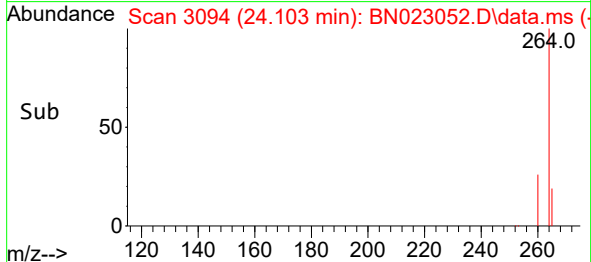
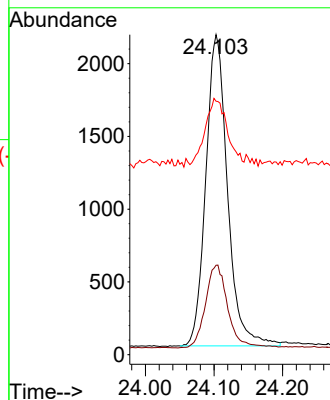
Tgt Ion:264 Resp: 4705

Ion Ratio Lower Upper

264 100

260 28.0 21.7 32.5

265 79.2 31.0 46.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.046 ng

RT: 26.702 min Scan# 3983

Delta R.T. 0.006 min

Lab File: BN023052.D

Acq: 02 Dec 2022 18:20

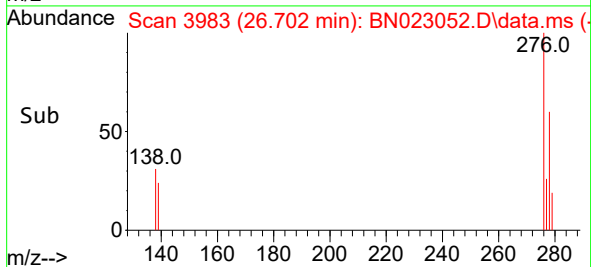
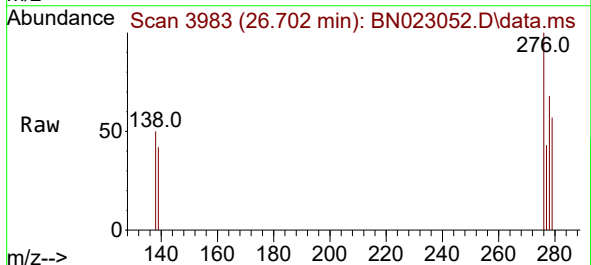
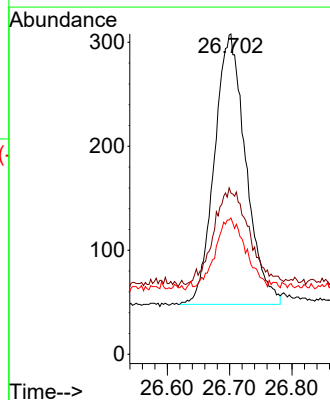
Tgt Ion:276 Resp: 906

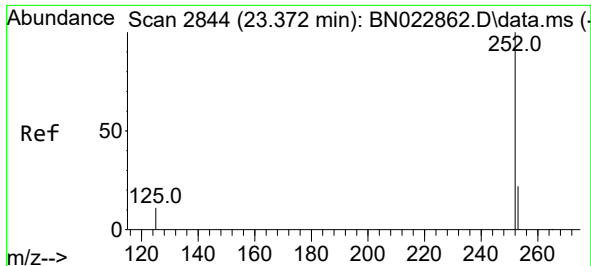
Ion Ratio Lower Upper

276 100

138 37.9 24.4 36.6#

277 24.5 19.9 29.9

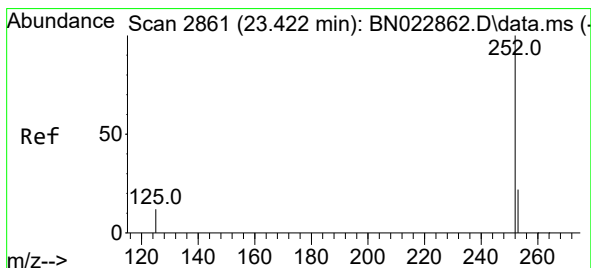
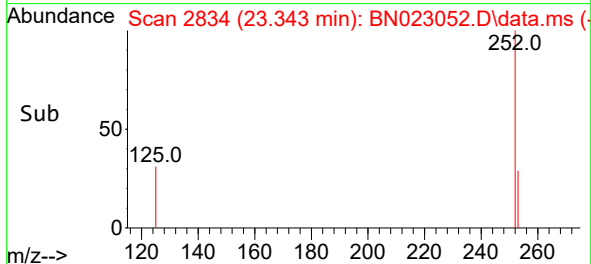
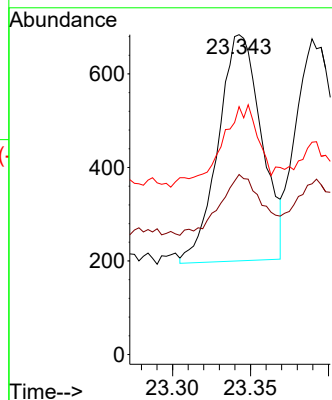
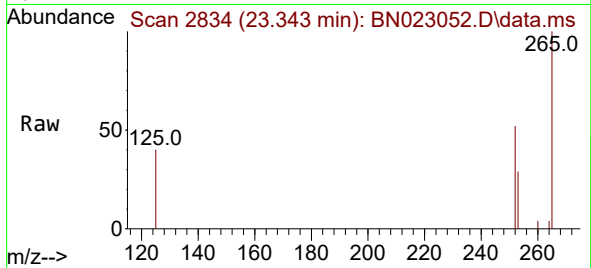




#37
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 23.343 min Scan# 2834
Delta R.T. 0.003 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

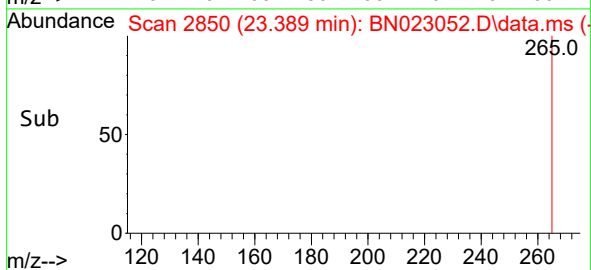
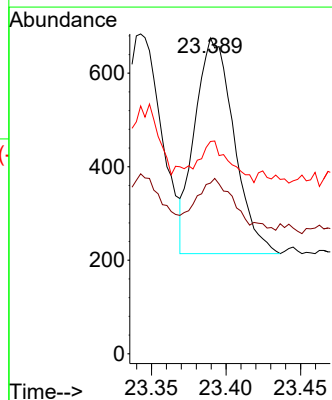
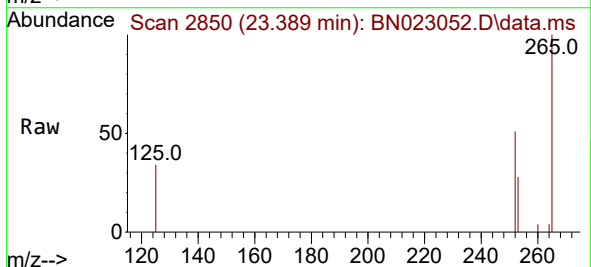
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN-03-12012022

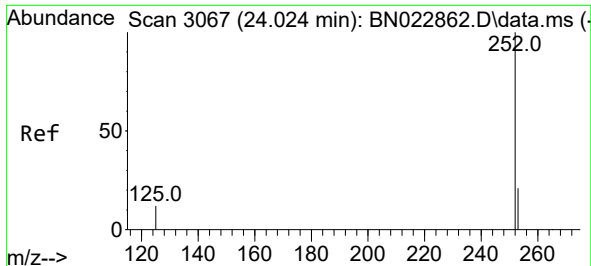
Tgt Ion:252 Resp: 938
Ion Ratio Lower Upper
252 100
253 56.3 18.5 27.7#
125 77.5 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 23.389 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BN023052.D
Acq: 02 Dec 2022 18:20

Tgt Ion:252 Resp: 840
Ion Ratio Lower Upper
252 100
253 54.1 18.6 27.8#
125 67.3 11.0 16.4#





#39

Benzo(a)pyrene

Concen: 0.029 ng

RT: 23.989 min Scan# 3067

Delta R.T. -0.003 min

Lab File: BN023052.D

Acq: 02 Dec 2022 18:20

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN-03-12012022

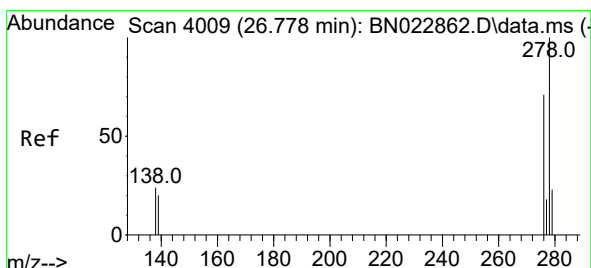
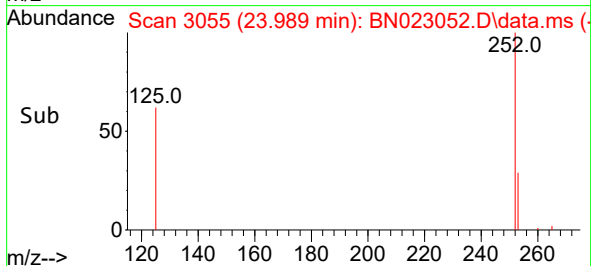
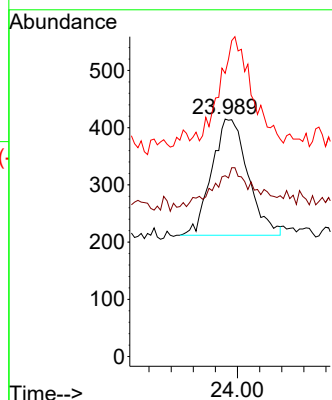
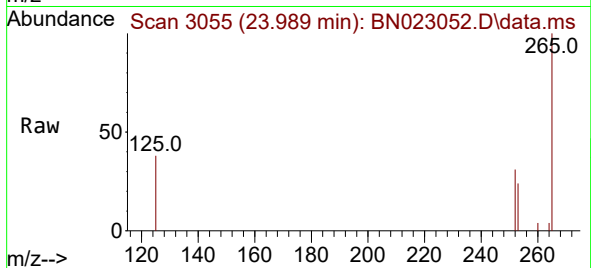
Tgt Ion:252 Resp: 462

Ion Ratio Lower Upper

252 100

253 76.1 19.2 28.8#

125 119.3 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.050 ng

RT: 26.720 min Scan# 3989

Delta R.T. 0.003 min

Lab File: BN023052.D

Acq: 02 Dec 2022 18:20

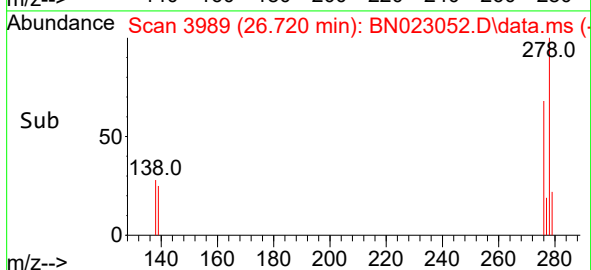
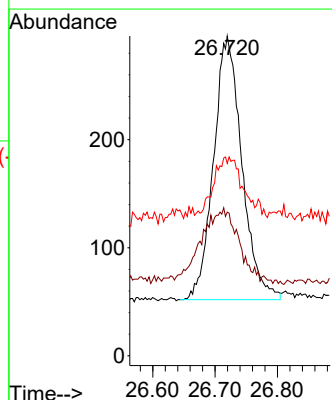
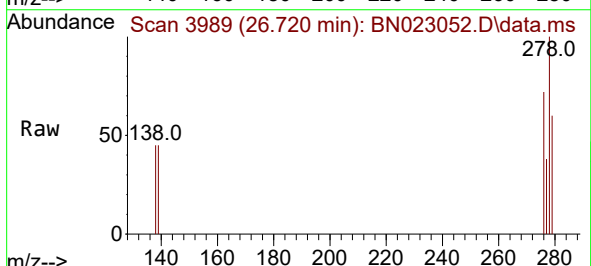
Tgt Ion:278 Resp: 770

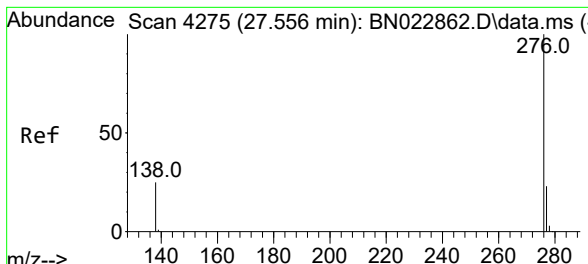
Ion Ratio Lower Upper

278 100

139 44.9 17.4 26.0#

279 60.1 20.0 30.0#





#41

Benzo(g,h,i)perylene

Concen: 0.047 ng

RT: 27.494 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN023052.D

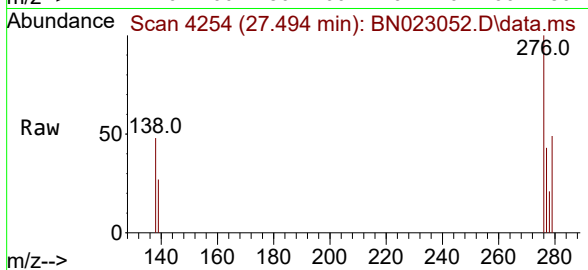
Acq: 02 Dec 2022 18:20

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN-03-12012022



Tgt Ion:276 Resp: 789

Ion Ratio Lower Upper

276 100

277 43.4 19.7 29.5#

138 47.9 21.4 32.2#

