

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
 Data File : BN023053.D
 Acq On : 02 Dec 2022 18:57
 Operator : CG/JU
 Sample : N5852-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 05 00:35:04 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)

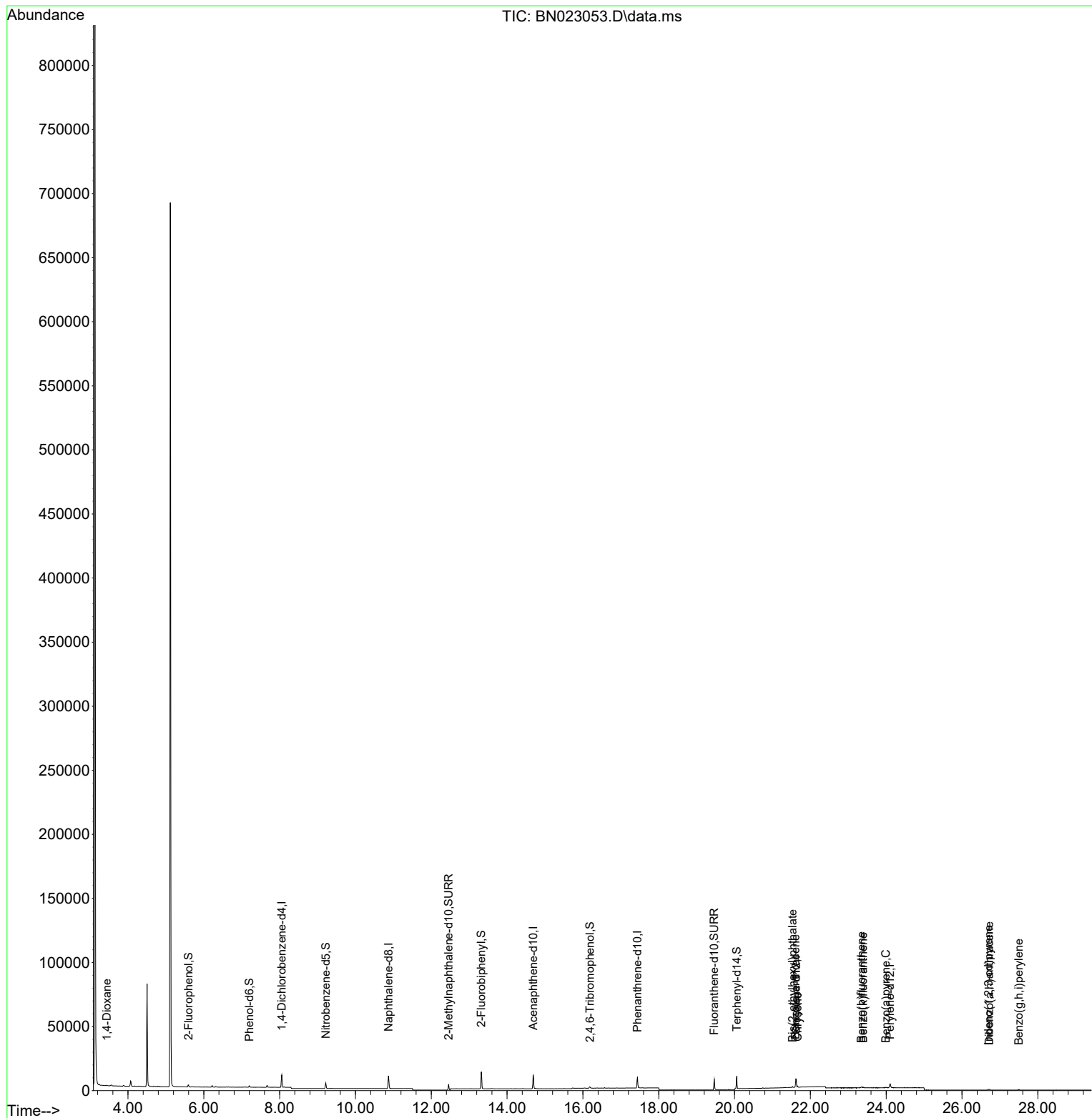
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	4570	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	12494	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6184	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11769	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	6294	0.400	ng	# 0.00
35) Perylene-d12	24.103	264	4767	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1252	0.105	ng	0.00
5) Phenol-d6	7.204	99	953	0.063	ng	0.00
8) Nitrobenzene-d5	9.217	82	3318	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.458	152	5592	0.206	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	699	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10553	0.373	ng	0.00
27) Fluoranthene-d10	19.465	212	8636	0.270	ng	0.00
31) Terphenyl-d14	20.058	244	8303	0.562	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	264	0.046	ng	# 61
32) Benzo(a)anthracene	21.607	228	647	0.025	ng	# 88
33) Chrysene	21.661	228	805	0.031	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.527	149	728	0.071	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.699	276	706	0.036	ng	# 74
37) Benzo(b)fluoranthene	23.340	252	775	0.036	ng	# 2
38) Benzo(k)fluoranthene	23.393	252	717	0.031	ng	# 5
39) Benzo(a)pyrene	23.992	252	354	0.022	ng	# 1
40) Dibenzo(a,h)anthracene	26.717	278	601	0.038	ng	# 21
41) Benzo(g,h,i)perylene	27.497	276	624	0.037	ng	# 57

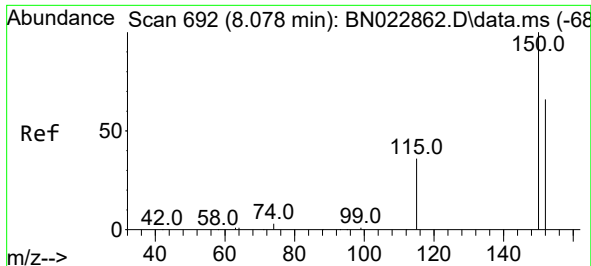
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 02 02:30:10 2022
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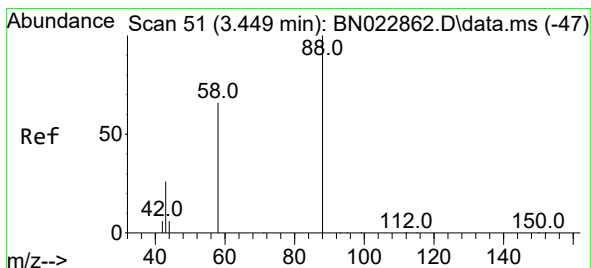
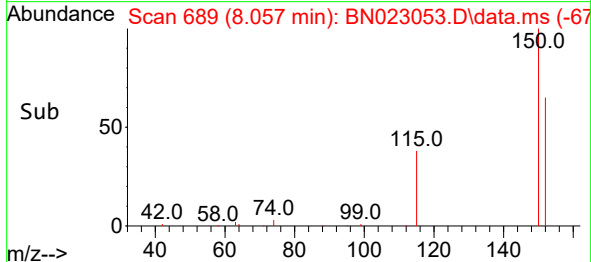
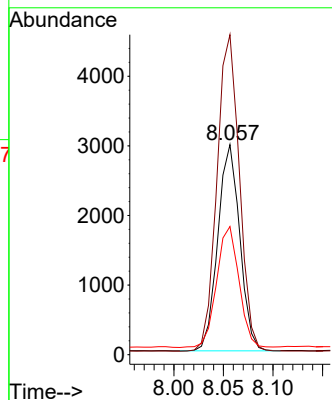
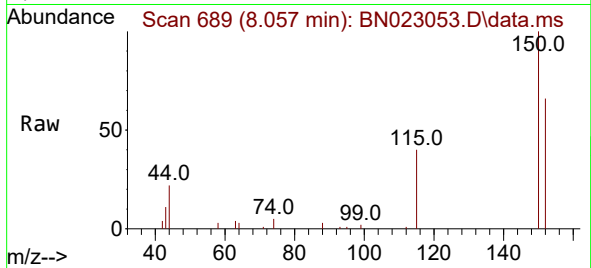




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

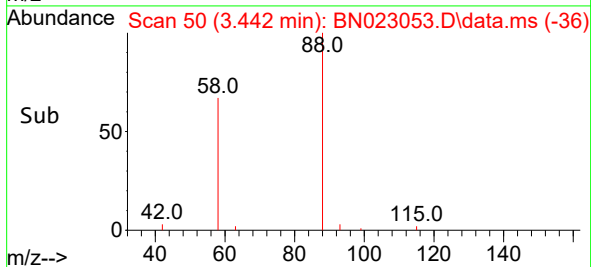
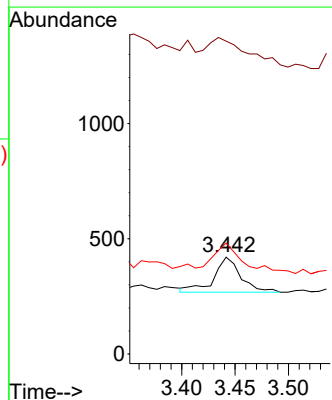
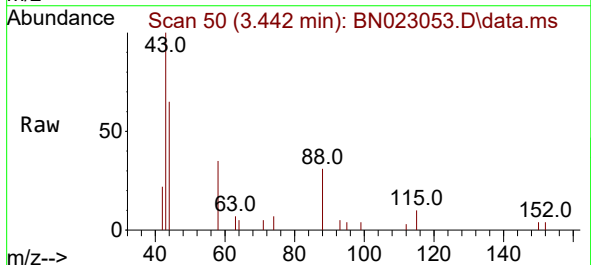
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

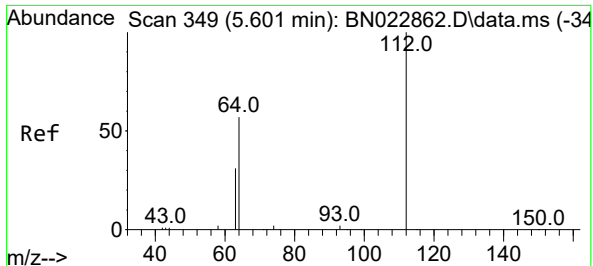
Tgt Ion:152 Resp: 4570
Ion Ratio Lower Upper
152 100
150 152.4 121.2 181.8
115 61.0 46.2 69.4



#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion: 88 Resp: 264
Ion Ratio Lower Upper
88 100
43 101.1 25.4 38.2#
58 71.2 56.5 84.7

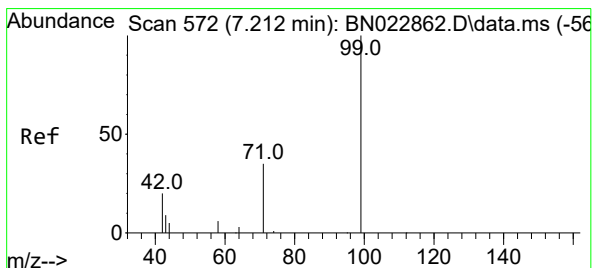
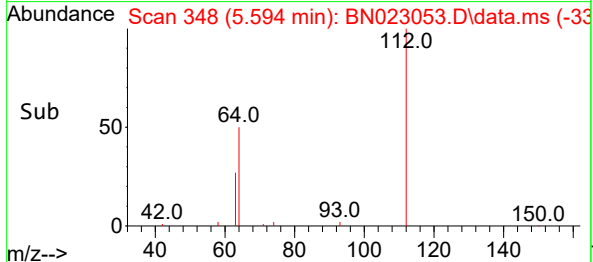
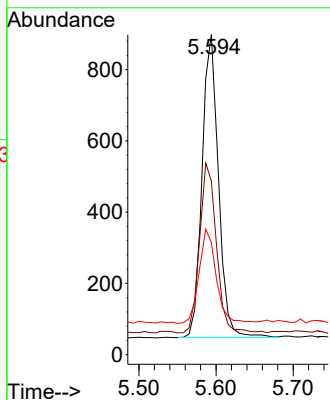
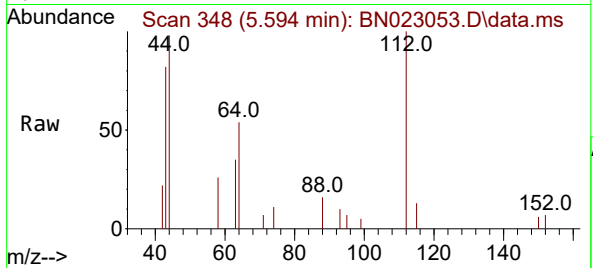




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

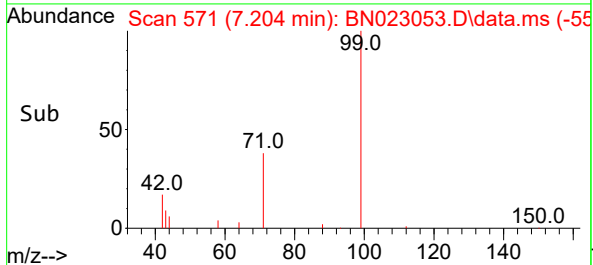
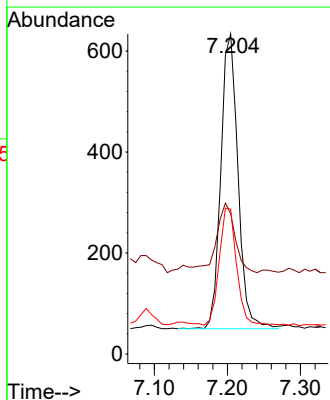
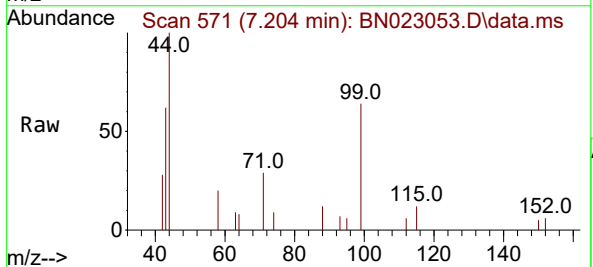
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

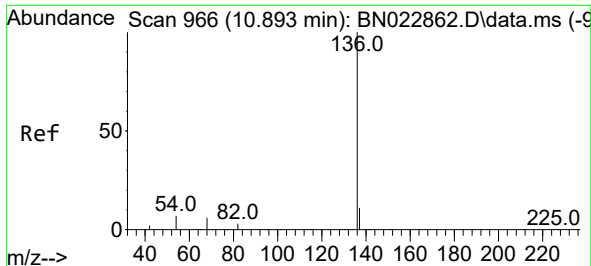
Tgt Ion:112 Resp: 1252
Ion Ratio Lower Upper
112 100
64 57.6 43.4 65.2
63 32.9 23.4 35.2



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion: 99 Resp: 953
Ion Ratio Lower Upper
99 100
42 25.3 16.0 24.0#
71 40.1 26.8 40.2

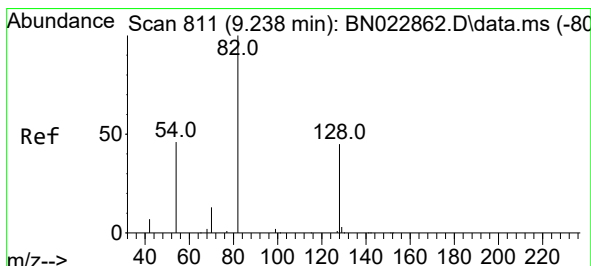
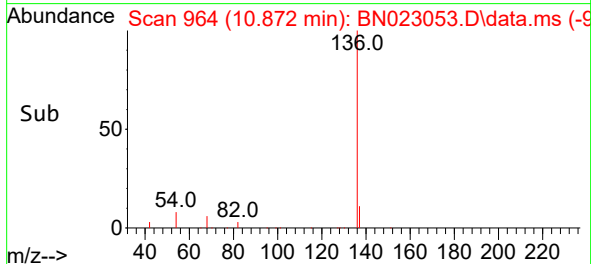
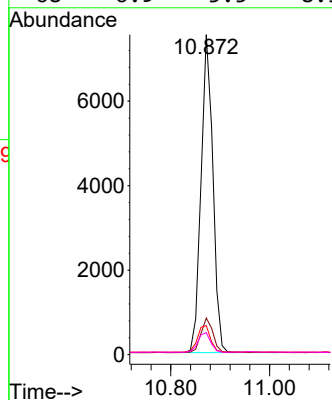
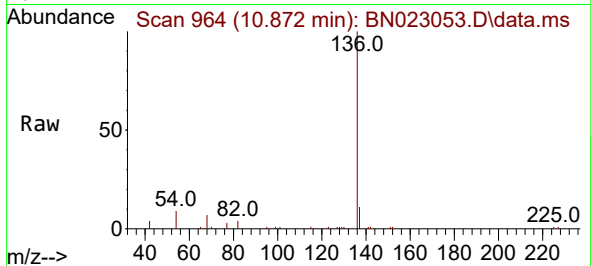




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

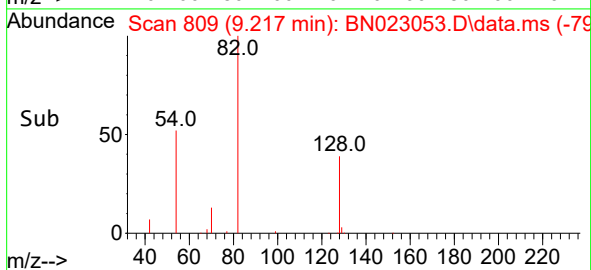
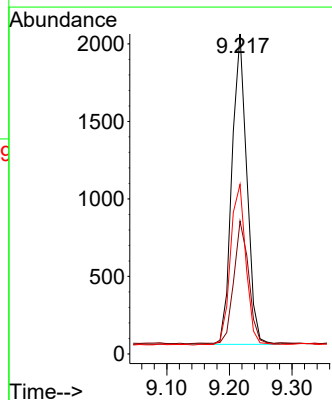
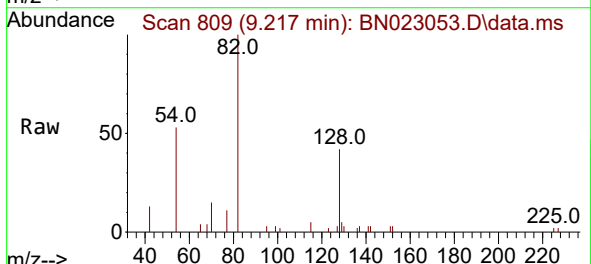
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

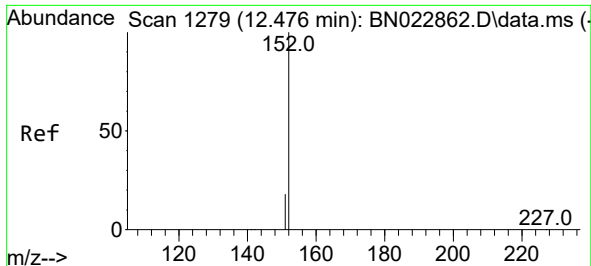
Tgt Ion:	136	Resp:	12494
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	9.1	6.6	9.8
68	6.9	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:	82	Resp:	3318
Ion Ratio	Lower	Upper	
82	100		
128	41.5	36.6	54.8
54	53.0	38.5	57.7

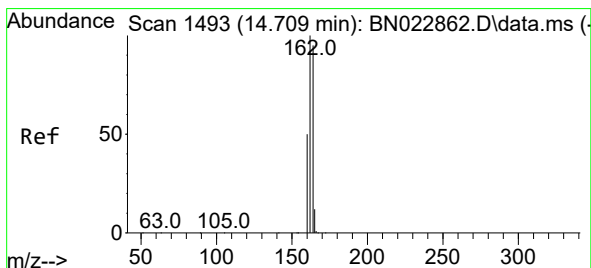
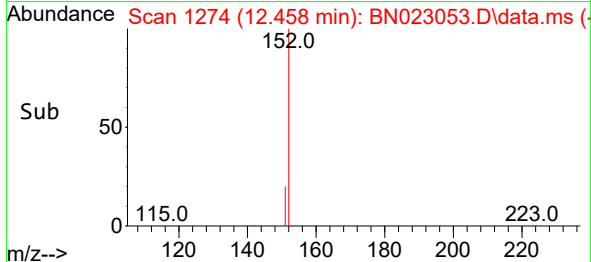
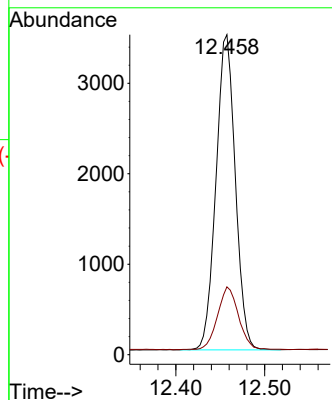
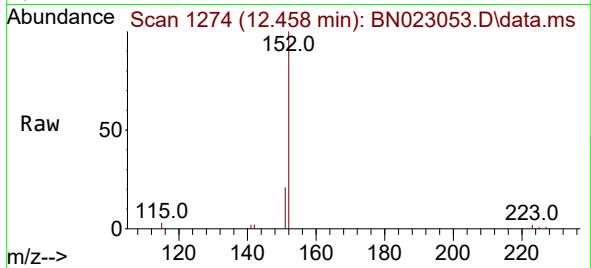




#11
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

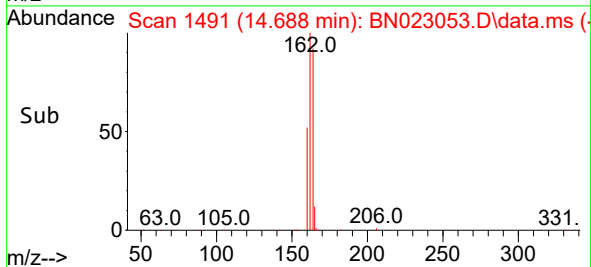
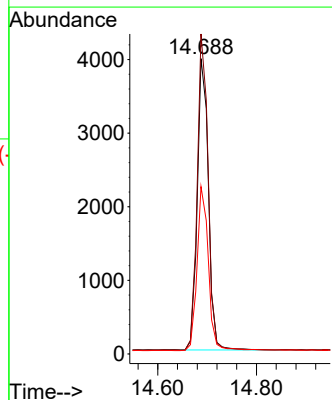
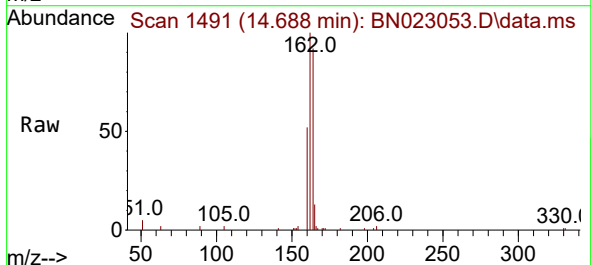
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

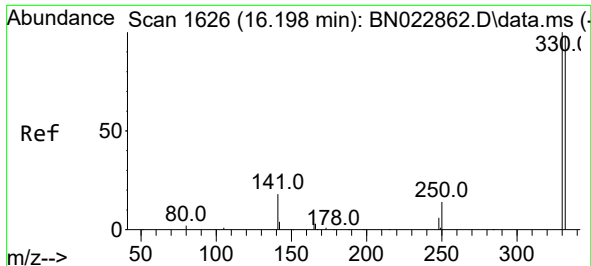
Tgt Ion:152 Resp: 5592
Ion Ratio Lower Upper
152 100
151 22.9 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

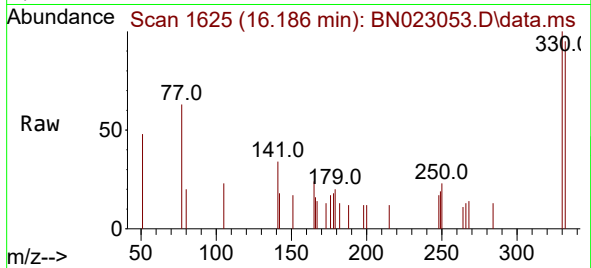
Tgt Ion:164 Resp: 6184
Ion Ratio Lower Upper
164 100
162 108.3 84.2 126.4
160 56.7 42.5 63.7



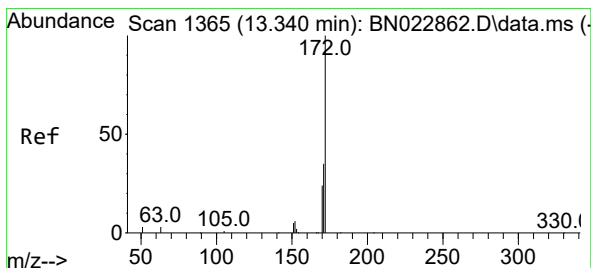
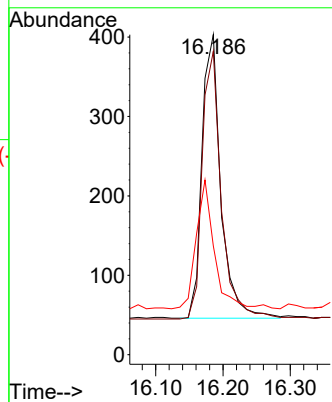
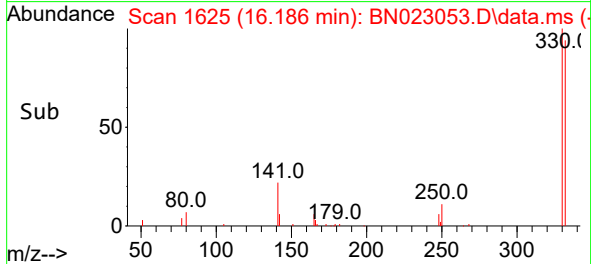


#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 16.186 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

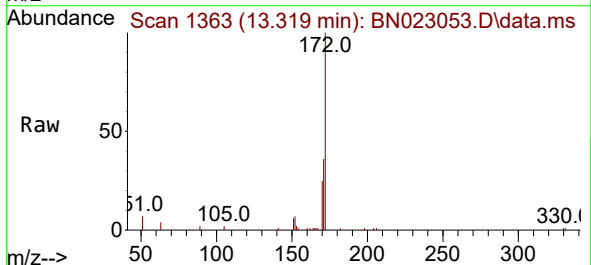
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022



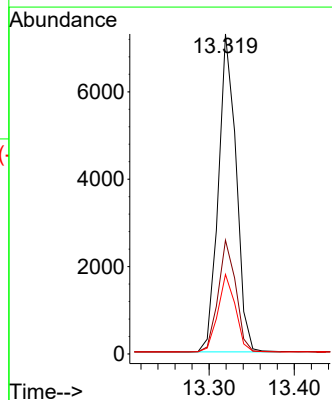
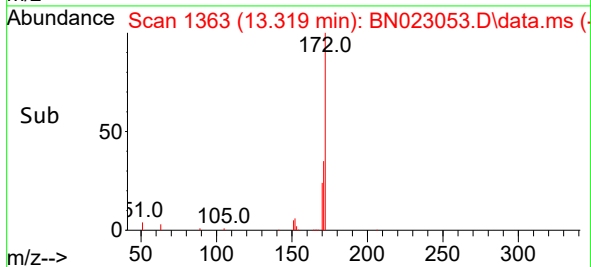
Tgt Ion:330 Resp: 699
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 43.2 32.6 48.8

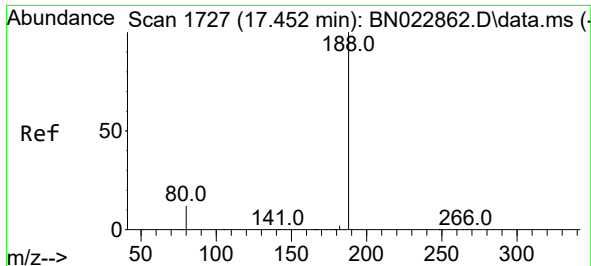


#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57



Tgt Ion:172 Resp: 10553
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 24.8 19.3 28.9

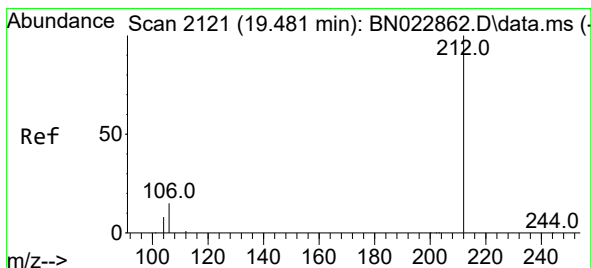
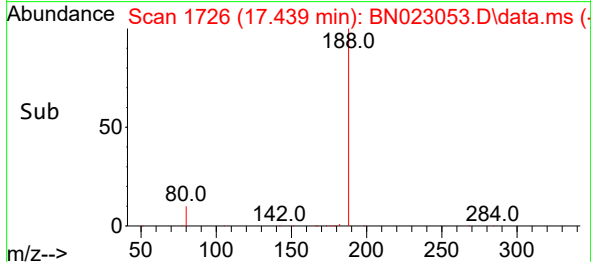
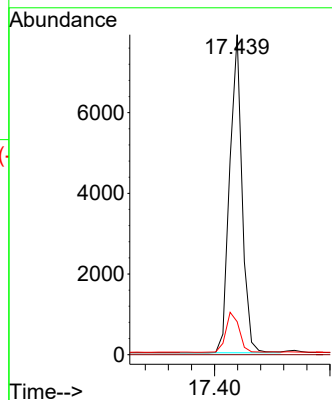
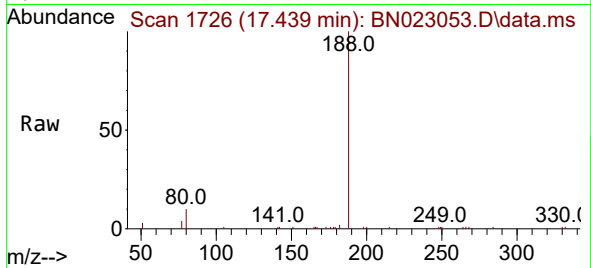




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

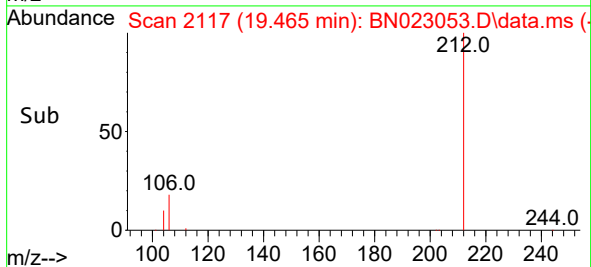
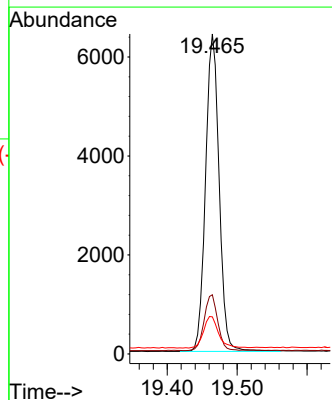
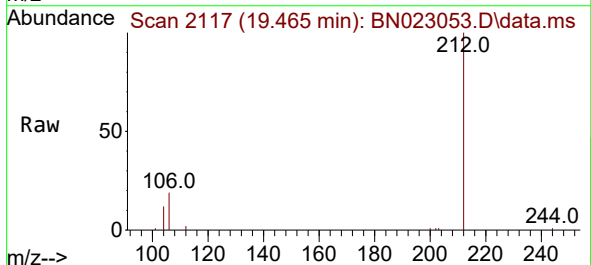
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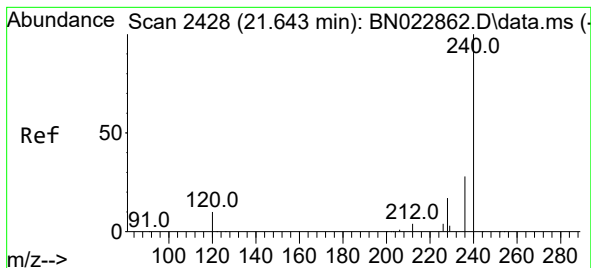
Tgt Ion:188 Resp: 11769
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 10.3 15.5#



#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:212 Resp: 8636
Ion Ratio Lower Upper
212 100
106 17.6 12.3 18.5
104 10.9 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: BN023053.D

Acq: 02 Dec 2022 18:57

Instrument :

BNA_N

ClientSampleId :

RW9-PT-OUT-03-12012022

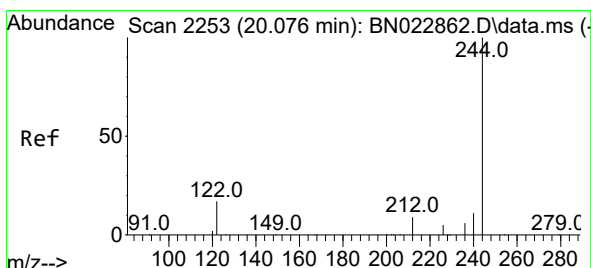
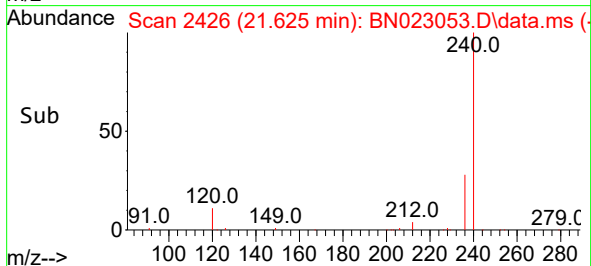
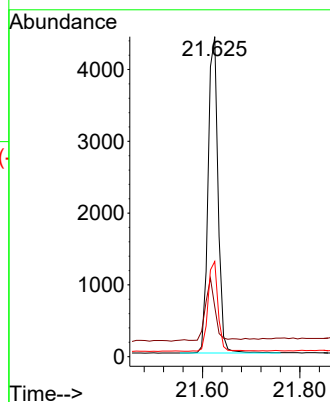
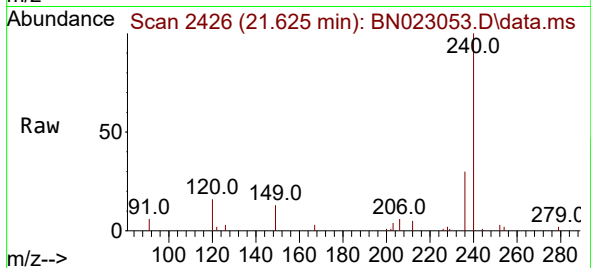
Tgt Ion:240 Resp: 6294

Ion Ratio Lower Upper

240 100

120 15.6 9.2 13.8#

236 29.7 22.6 34.0



#31

Terphenyl-d14

Concen: 0.562 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BN023053.D

Acq: 02 Dec 2022 18:57

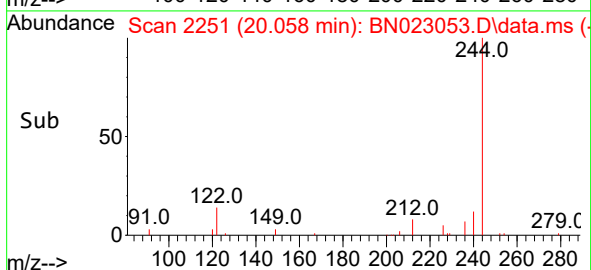
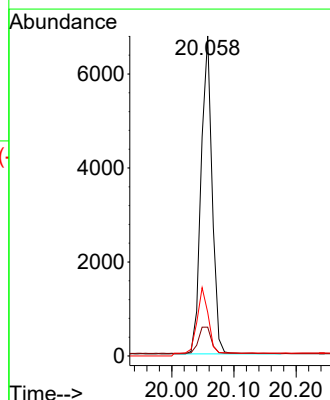
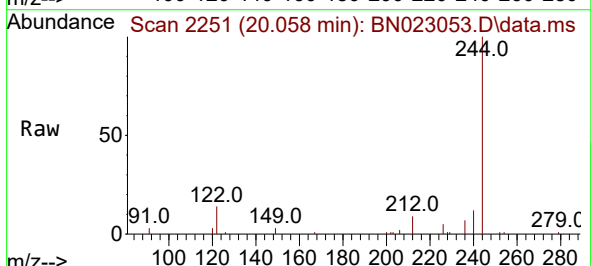
Tgt Ion:244 Resp: 8303

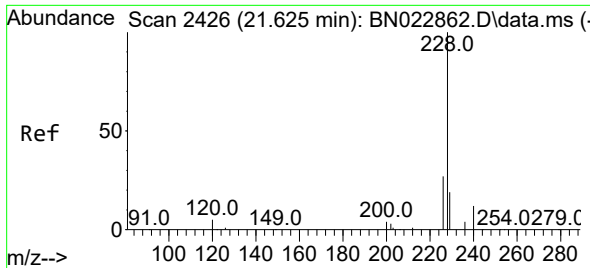
Ion Ratio Lower Upper

244 100

212 9.0 7.9 11.9

122 13.6 13.9 20.9#

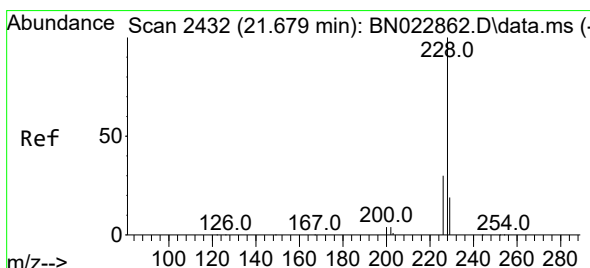
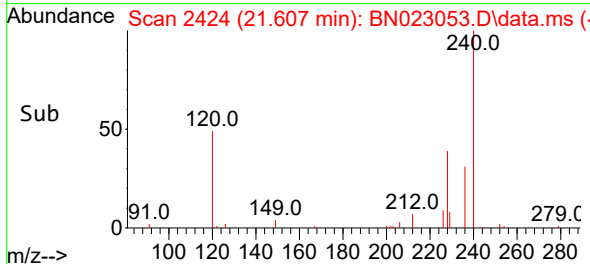
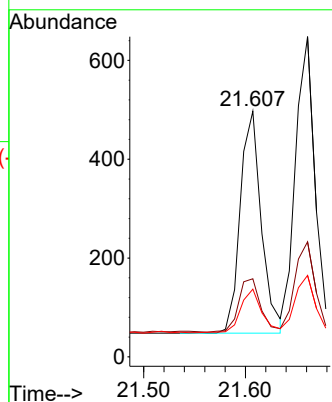
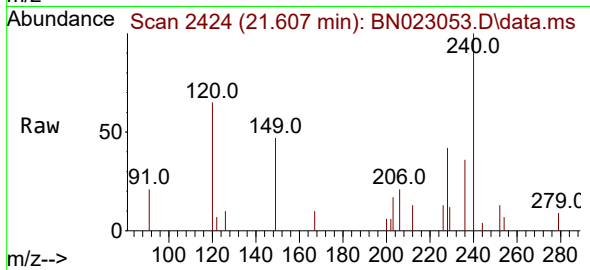




#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.607 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

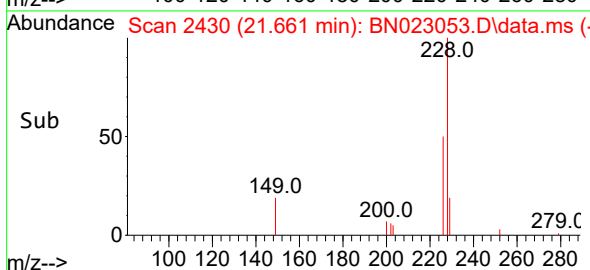
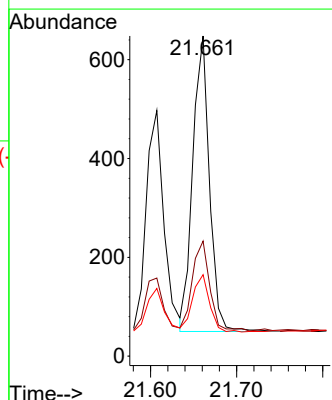
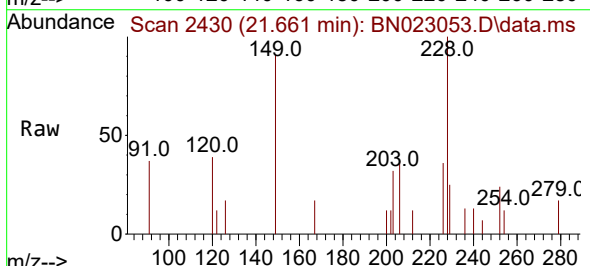
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

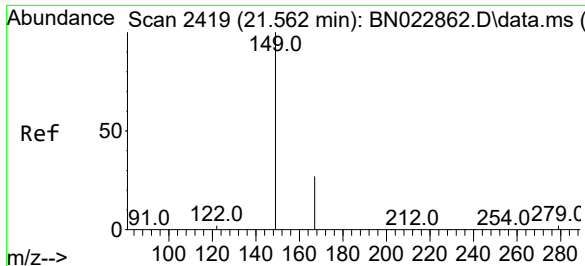
Tgt Ion:228 Resp: 647
Ion Ratio Lower Upper
228 100
226 31.8 22.1 33.1
229 27.6 15.8 23.6#



#33
Chrysene
Concen: 0.031 ng
RT: 21.661 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:228 Resp: 805
Ion Ratio Lower Upper
228 100
226 36.0 24.5 36.7
229 25.5 15.8 23.6#

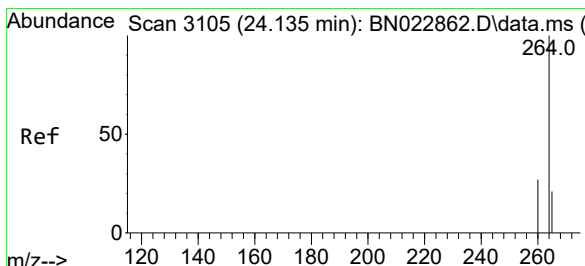
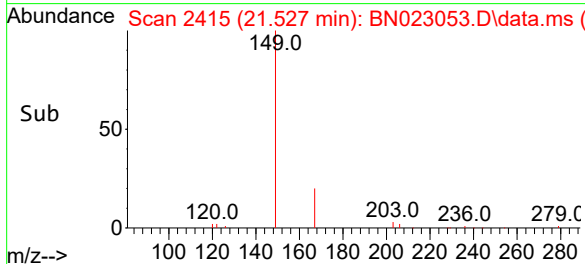
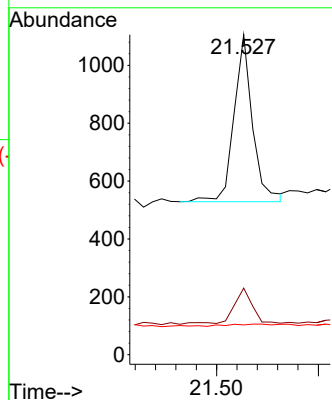
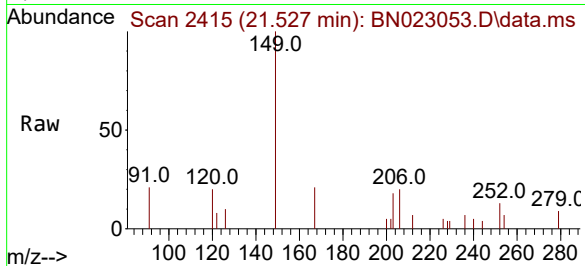




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.071 ng
RT: 21.527 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

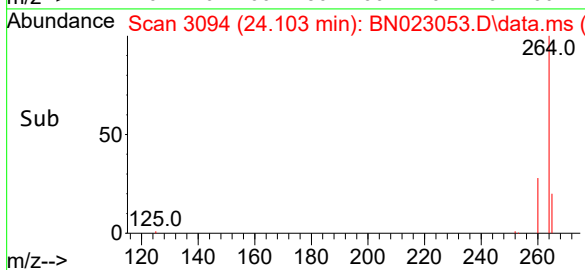
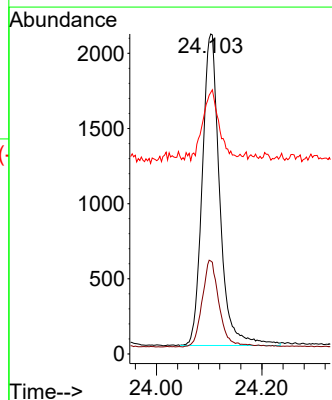
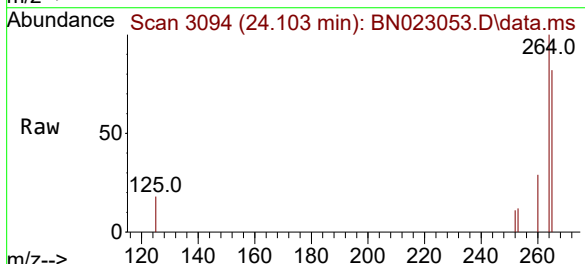
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

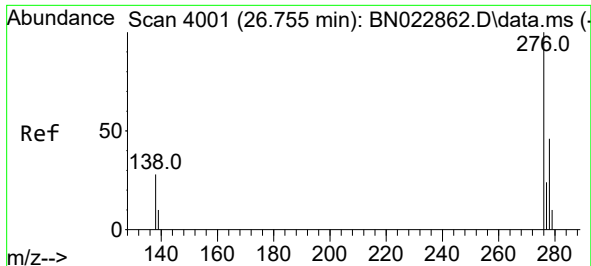
Tgt Ion:149 Resp: 728
Ion Ratio Lower Upper
149 100
167 22.8 21.3 31.9
279 4.3 2.3 3.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.103 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:264 Resp: 4767
Ion Ratio Lower Upper
264 100
260 29.0 21.7 32.5
265 81.7 31.0 46.4#

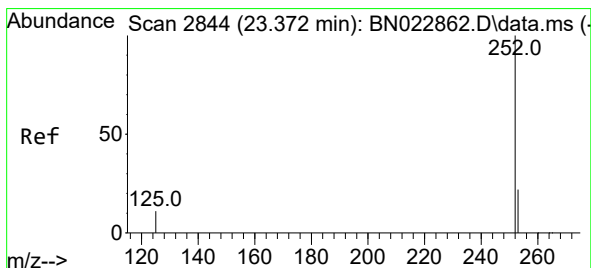
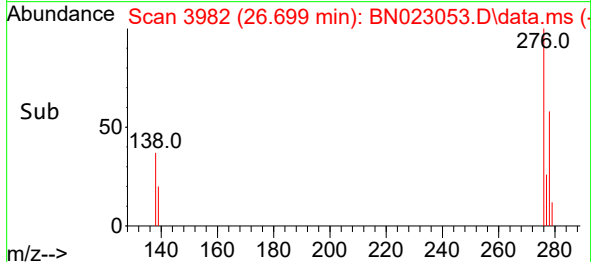
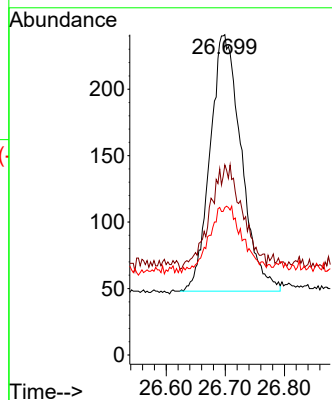
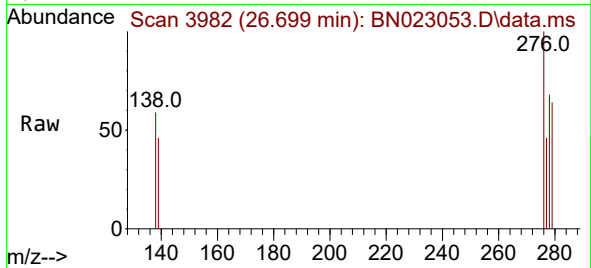




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 26.699 min Scan# 3982
Delta R.T. 0.003 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

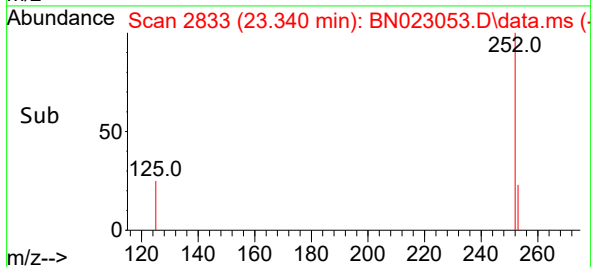
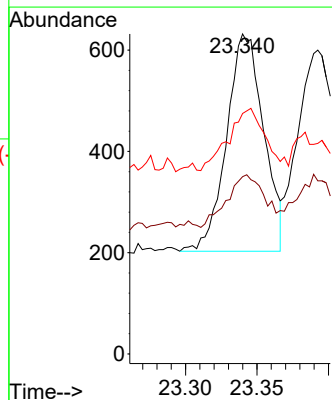
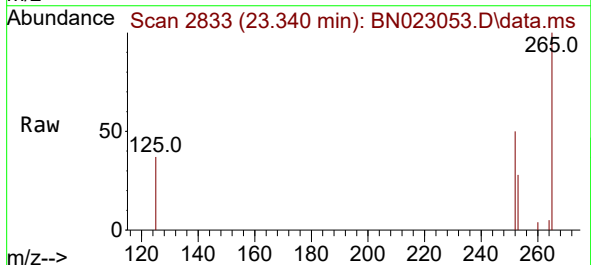
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

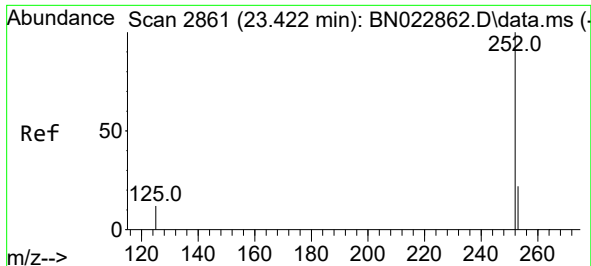
Tgt Ion:276 Resp: 706
Ion Ratio Lower Upper
276 100
138 16.9 24.4 36.6#
277 11.2 19.9 29.9#



#37
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 23.340 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:252 Resp: 775
Ion Ratio Lower Upper
252 100
253 55.4 18.5 27.7#
125 75.2 10.8 16.2#

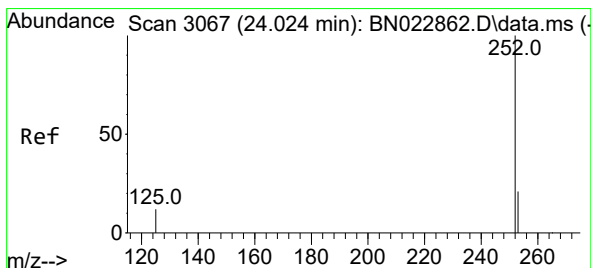
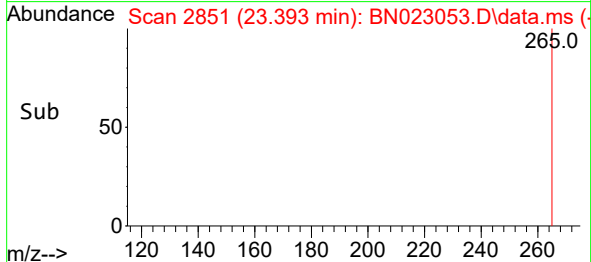
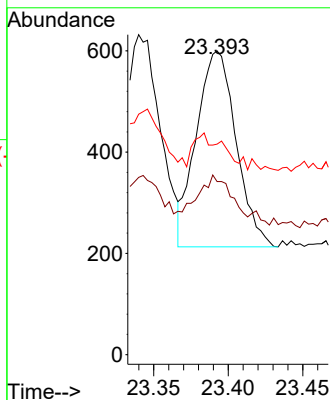
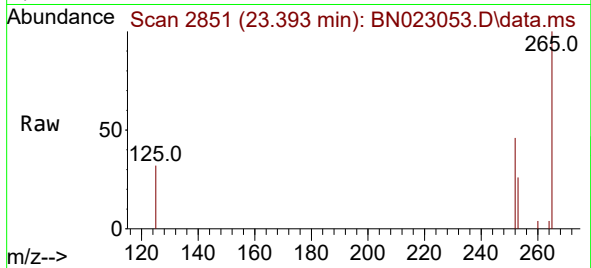




#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

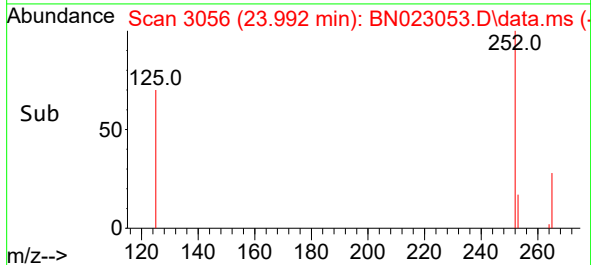
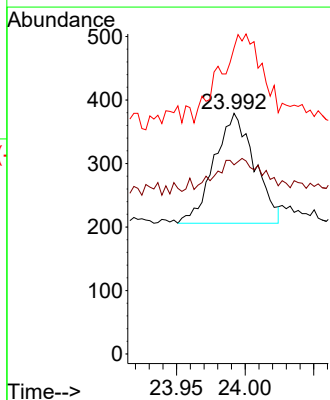
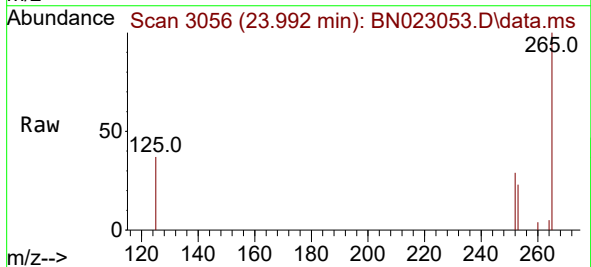
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT-03-12012022

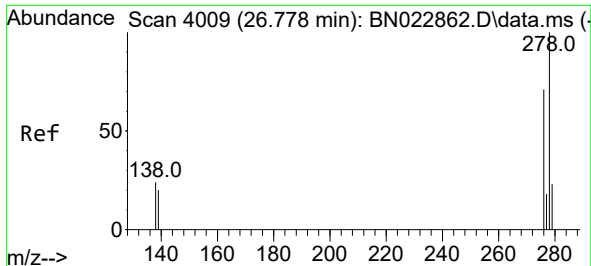
Tgt Ion:252 Resp: 717
Ion Ratio Lower Upper
252 100
253 57.0 18.6 27.8#
125 69.3 11.0 16.4#



#39
Benzo(a)pyrene
Concen: 0.022 ng
RT: 23.992 min Scan# 3056
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:252 Resp: 354
Ion Ratio Lower Upper
252 100
253 78.6 19.2 28.8#
125 127.2 12.7 19.1#

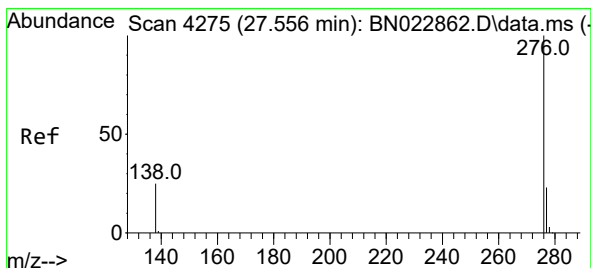
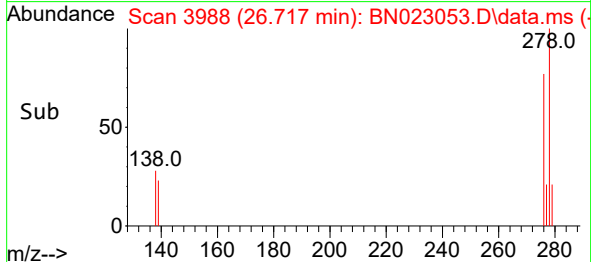
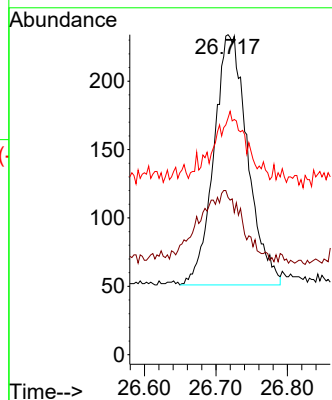
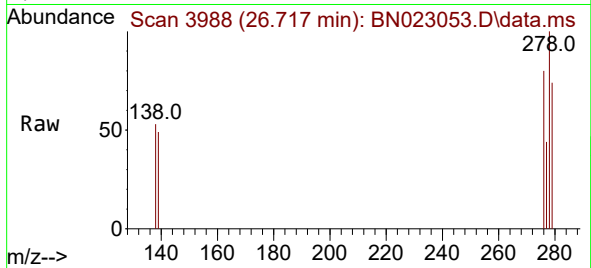




#40
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 26.717 min Scan# 3988
Delta R.T. -0.000 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

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

Tgt Ion:278 Resp: 601
Ion Ratio Lower Upper
278 100
139 49.1 17.4 26.0#
279 73.9 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 27.497 min Scan# 4255
Delta R.T. 0.003 min
Lab File: BN023053.D
Acq: 02 Dec 2022 18:57

Tgt Ion:276 Resp: 624
Ion Ratio Lower Upper
276 100
277 45.0 19.7 29.5#
138 50.2 21.4 32.2#

