

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023042.D
 Acq On : 02 Dec 2022 07:21
 Operator : CG/JU
 Sample : N5800-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN01-11282022

Quant Time: Dec 02 07:53:02 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)

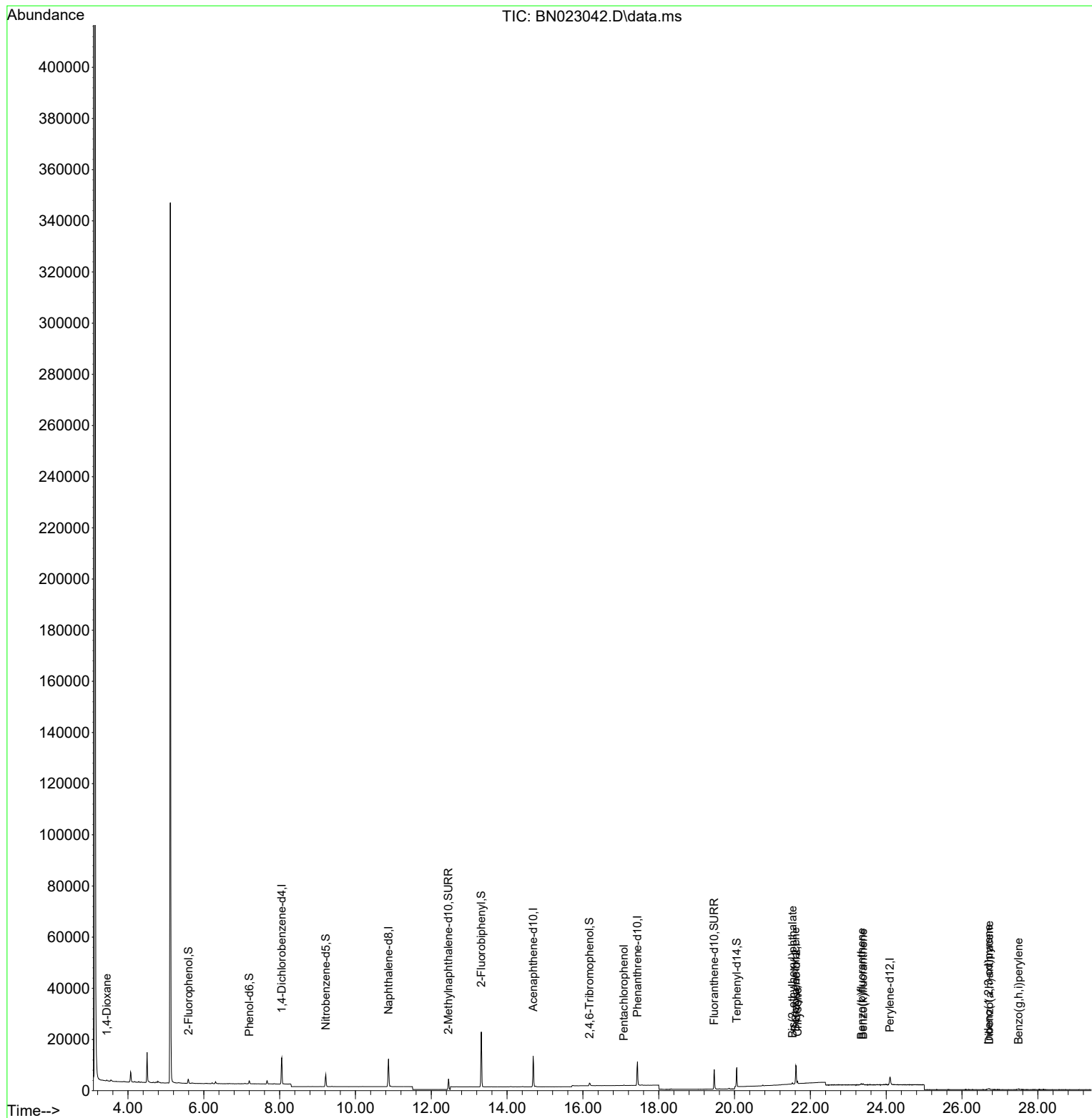
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5051	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13433	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6516	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12672	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	6696	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	4703	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1279	0.097	ng	0.00
5) Phenol-d6	7.204	99	1027	0.061	ng	0.00
8) Nitrobenzene-d5	9.217	82	3589	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.454	152	6670	0.229	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	726	0.231	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	17015	0.571	ng	0.00
27) Fluoranthene-d10	19.465	212	8194	0.238	ng	0.00
31) Terphenyl-d14	20.058	244	6368	0.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.442	88	218	0.034	ng	# 51
24) Pentachlorophenol	17.079	266	98	0.032	ng	89
32) Benzo(a)anthracene	21.607	228	559	0.021	ng	# 81
33) Chrysene	21.661	228	725	0.026	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.527	149	554	0.051	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.696	276	459	0.024	ng	# 83
37) Benzo(b)fluoranthene	23.343	252	651	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.390	252	579	0.025	ng	# 1
40) Dibenzo(a,h)anthracene	26.720	278	398	0.026	ng	# 4
41) Benzo(g,h,i)perylene	27.491	276	430	0.026	ng	# 35

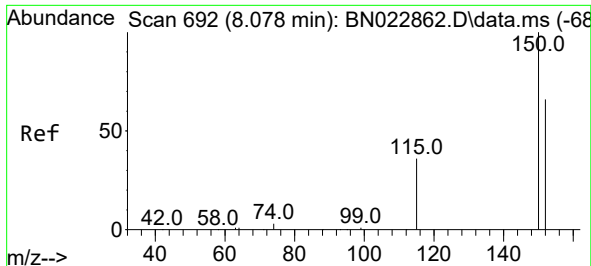
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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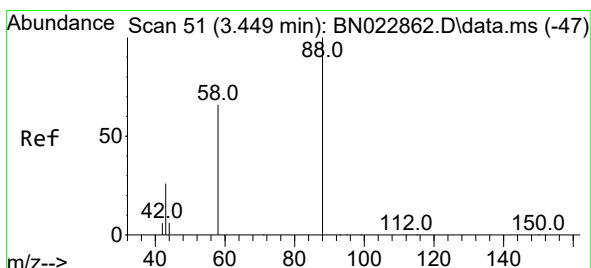
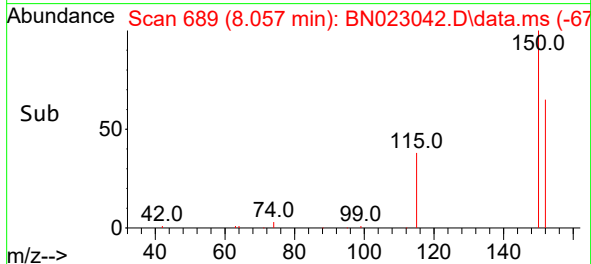
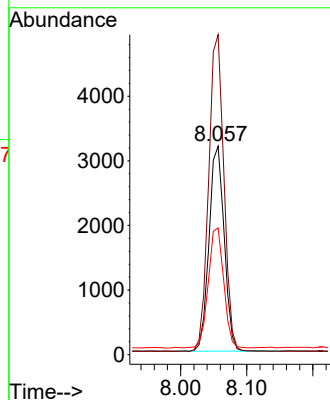
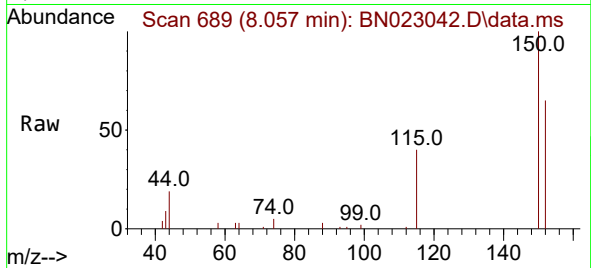




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023042.D
 Acq: 02 Dec 2022 07:21

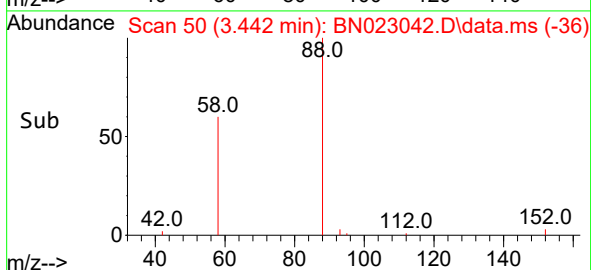
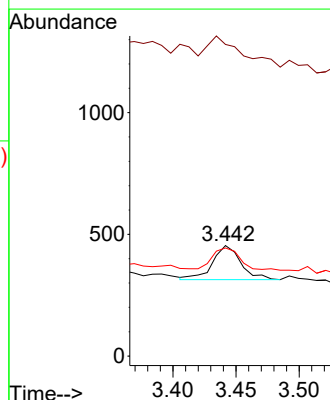
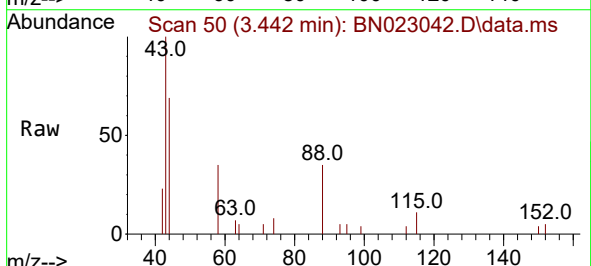
Instrument :
 BNA_N
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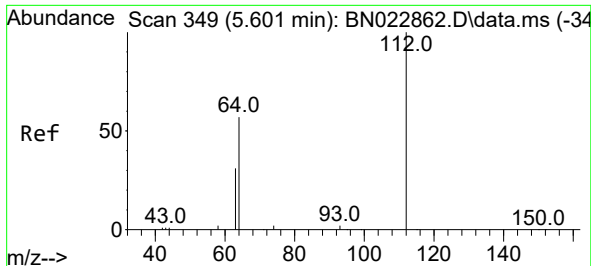
Tgt Ion:152 Resp: 5051
 Ion Ratio Lower Upper
 152 100
 150 153.4 121.2 181.8
 115 60.8 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023042.D
 Acq: 02 Dec 2022 07:21

Tgt Ion: 88 Resp: 218
 Ion Ratio Lower Upper
 88 100
 43 108.7 25.4 38.2#
 58 62.8 56.5 84.7

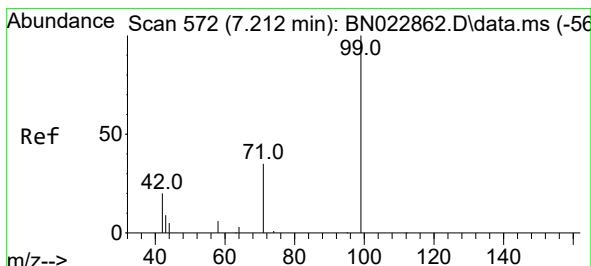
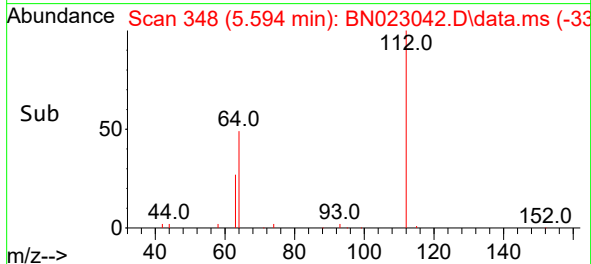
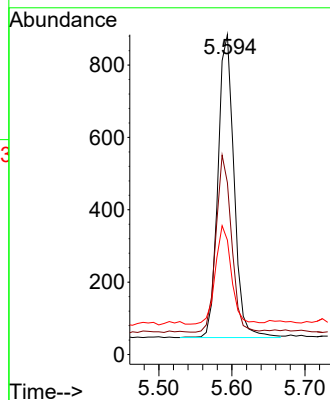
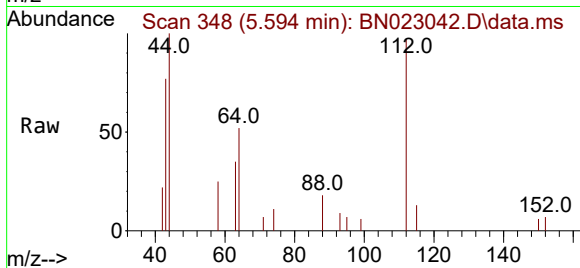




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

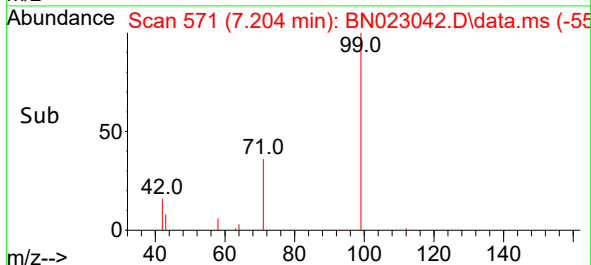
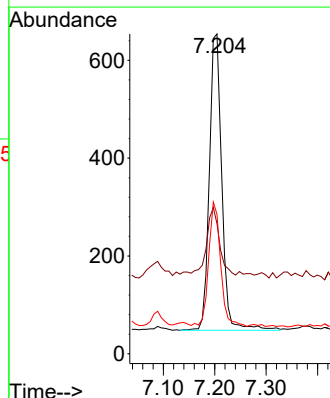
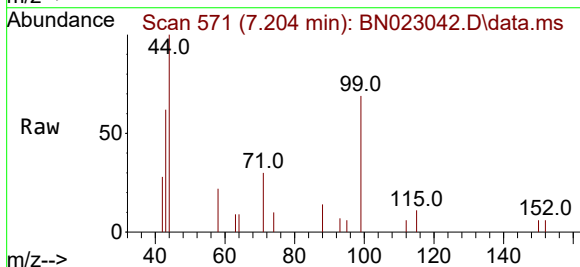
Instrument :
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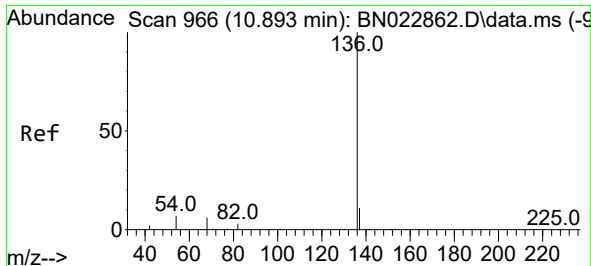
Tgt Ion:112 Resp: 1279
Ion Ratio Lower Upper
112 100
64 56.0 43.4 65.2
63 32.1 23.4 35.2



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion: 99 Resp: 1027
Ion Ratio Lower Upper
99 100
42 23.5 16.0 24.0
71 40.2 26.8 40.2#

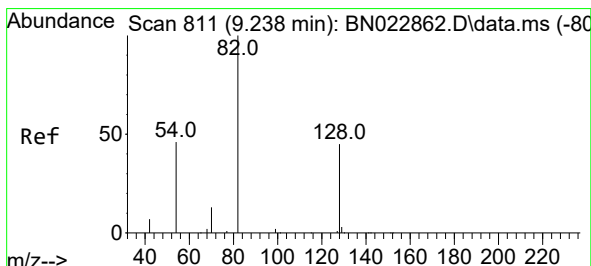
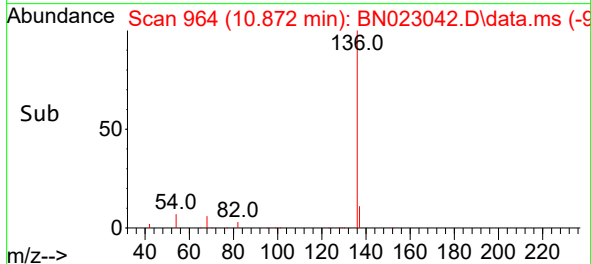
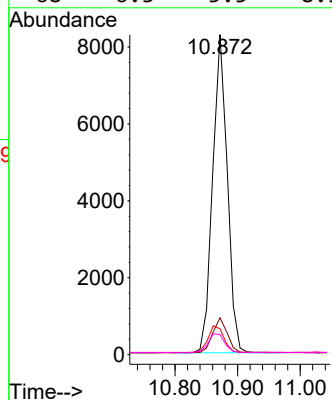
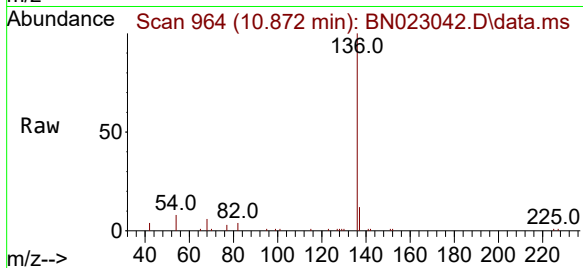




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

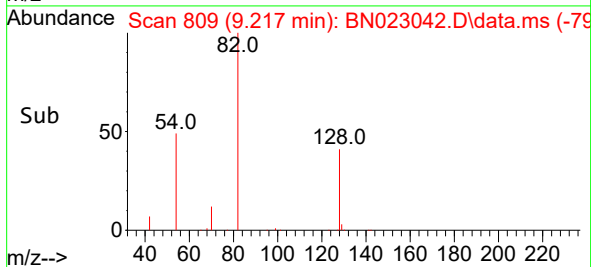
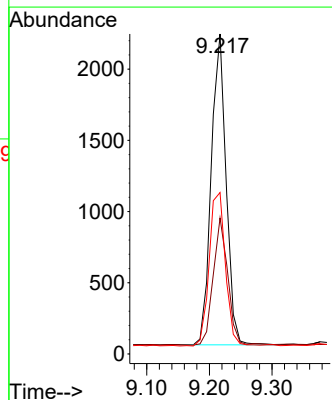
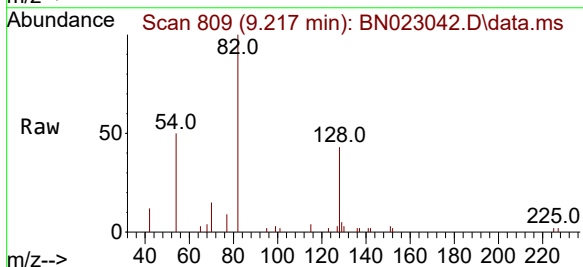
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN01-11282022

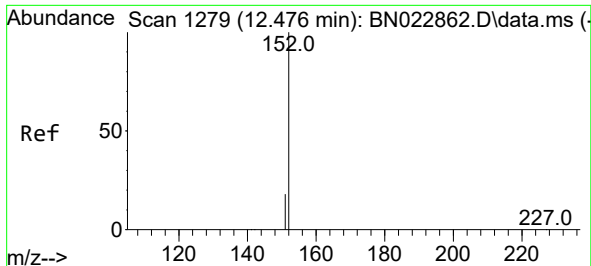
Tgt Ion:	136	Resp:	13433
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.1	6.6	9.8
68	6.3	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:	82	Resp:	3589
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.6	54.8
54	50.5	38.5	57.7

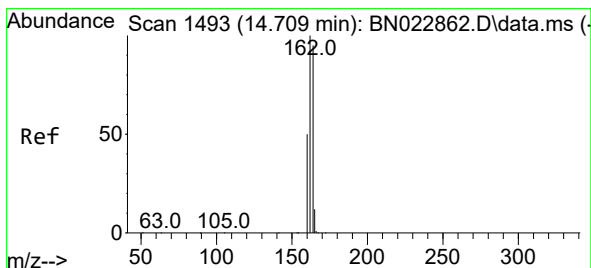
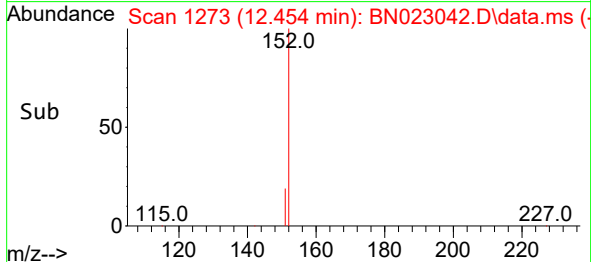
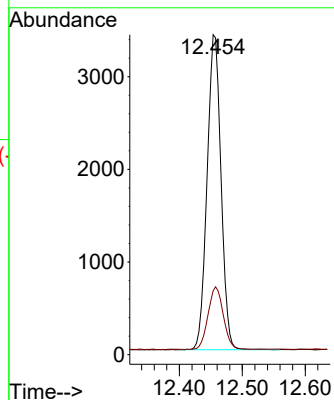
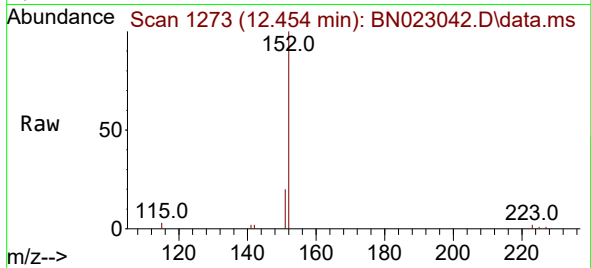




#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 12.454 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

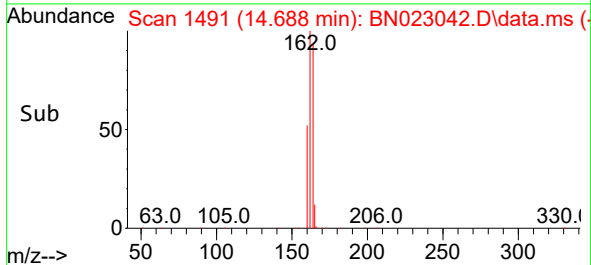
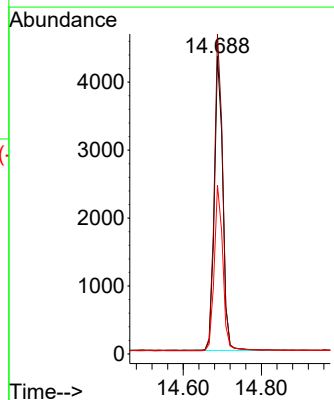
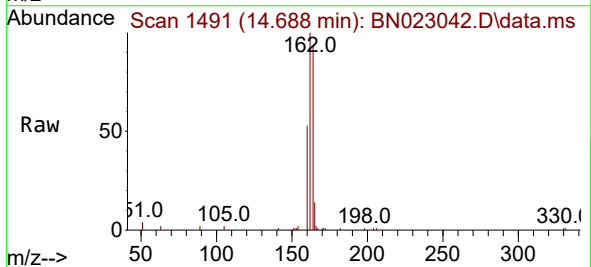
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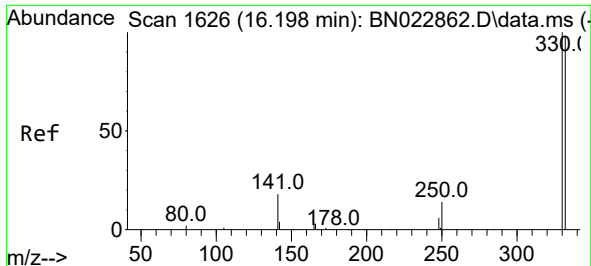
Tgt Ion:152 Resp: 6670
Ion Ratio Lower Upper
152 100
151 19.6 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:164 Resp: 6516
Ion Ratio Lower Upper
164 100
162 107.3 84.2 126.4
160 56.6 42.5 63.7

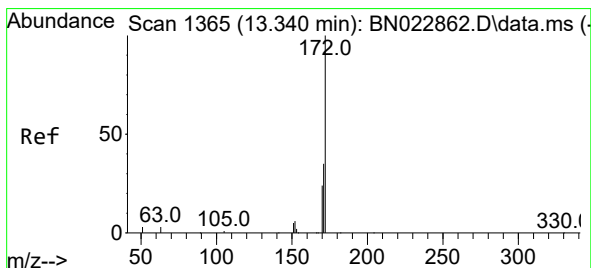
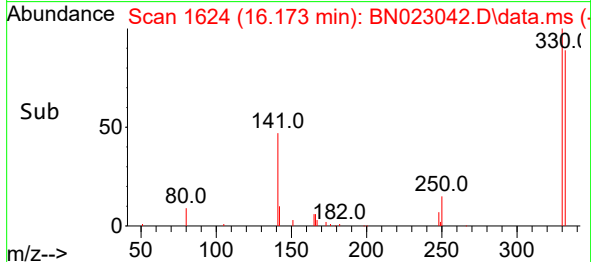
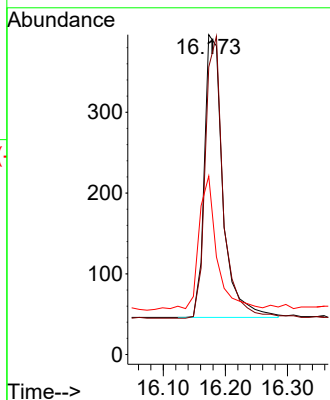
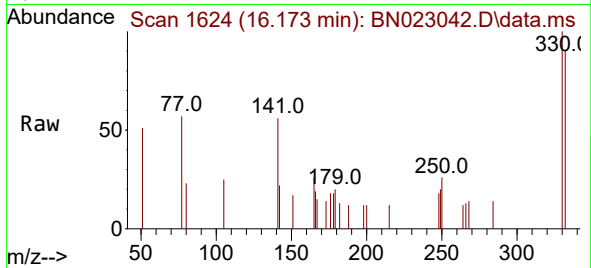




#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

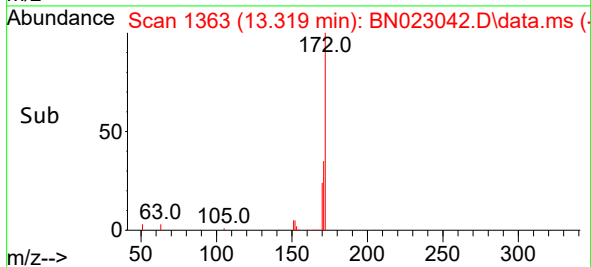
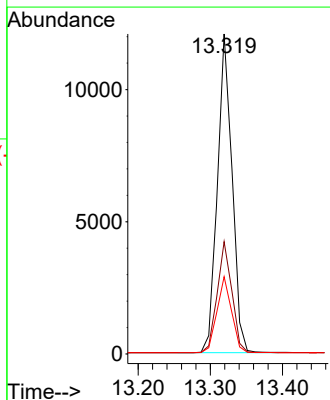
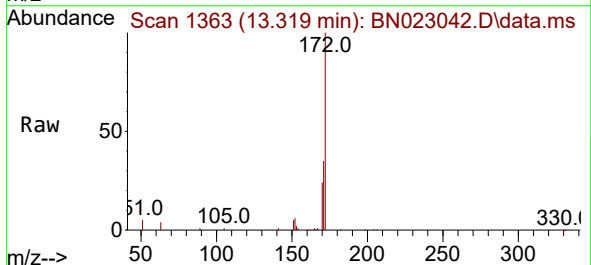
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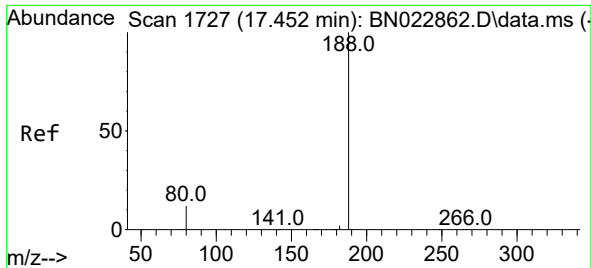
Tgt Ion:330 Resp: 726
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 44.1 32.6 48.8



#15
2-Fluorobiphenyl
Concen: 0.571 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:172 Resp: 17015
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 24.1 19.3 28.9

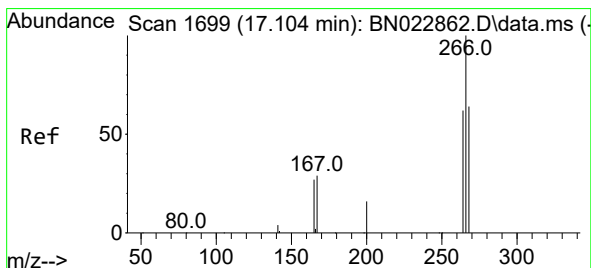
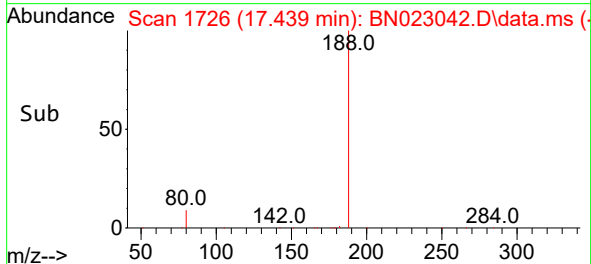
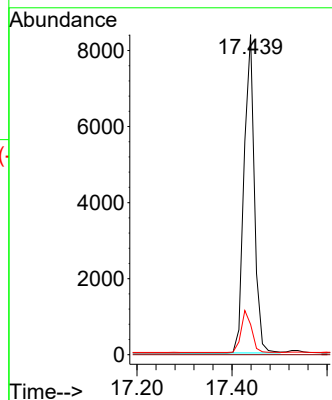
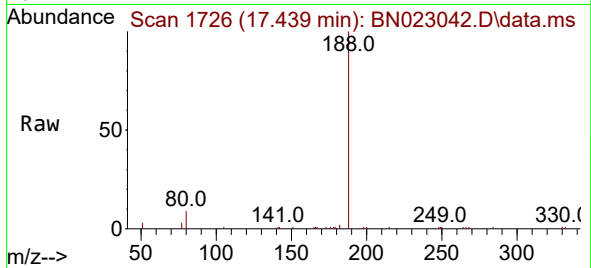




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

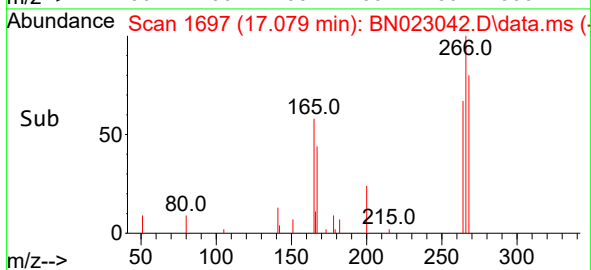
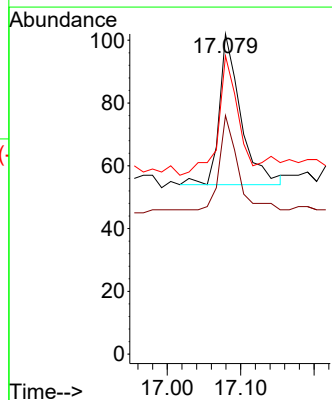
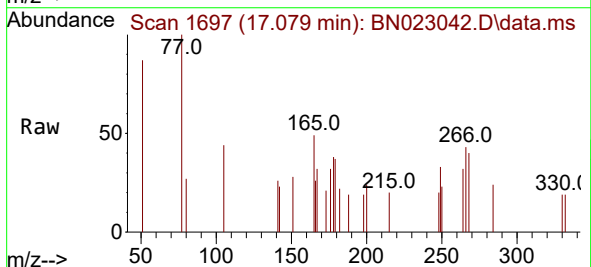
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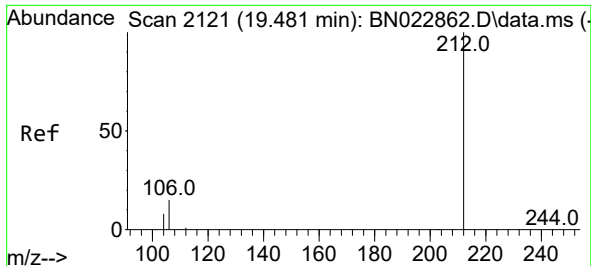
Tgt Ion:188 Resp: 12672
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 10.3 15.5#



#24
Pentachlorophenol
Concen: 0.032 ng
RT: 17.079 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
264 56.1 50.0 75.0
268 74.5 50.9 76.3

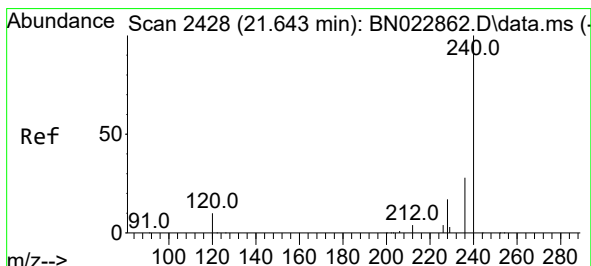
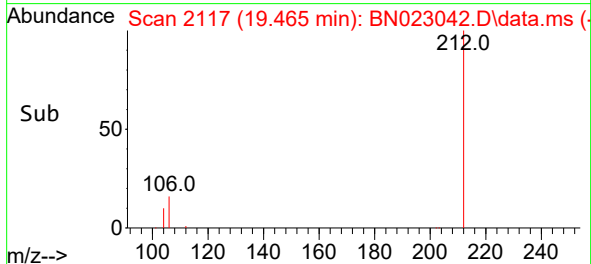
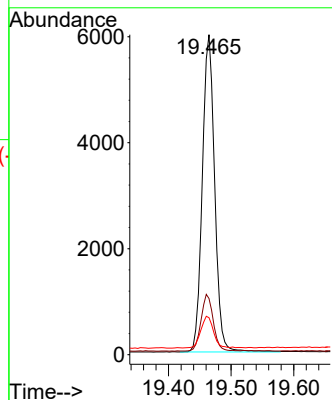
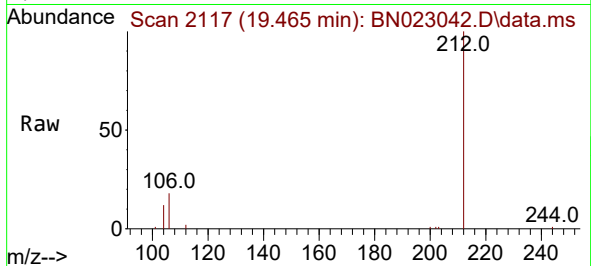




#27
Fluoranthene-d10
Concen: 0.238 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

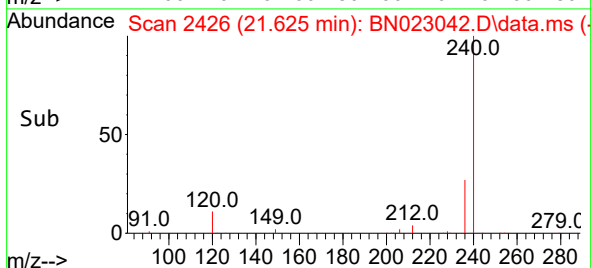
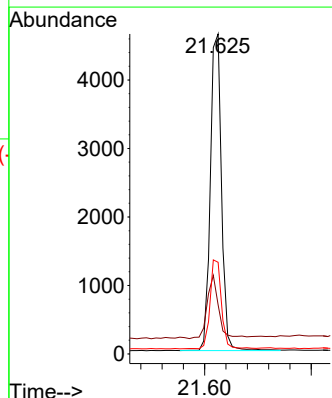
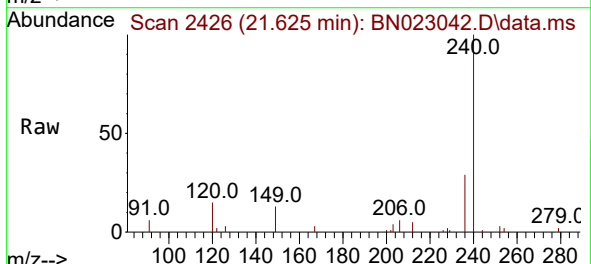
Instrument :
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ClientSampleId :
RW9-PT-IN01-11282022

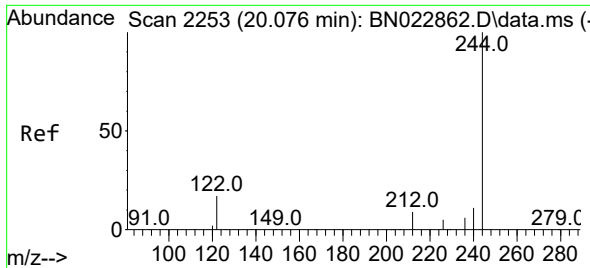
Tgt Ion:212 Resp: 8194
Ion Ratio Lower Upper
212 100
106 17.6 12.3 18.5
104 10.2 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:240 Resp: 6696
Ion Ratio Lower Upper
240 100
120 15.3 9.2 13.8#
236 28.7 22.6 34.0

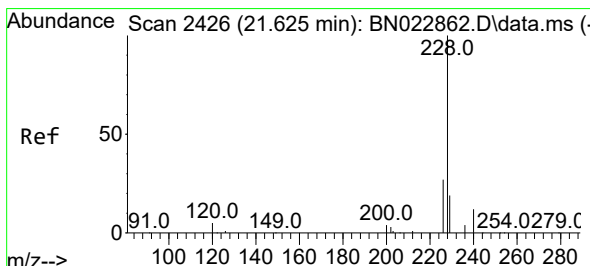
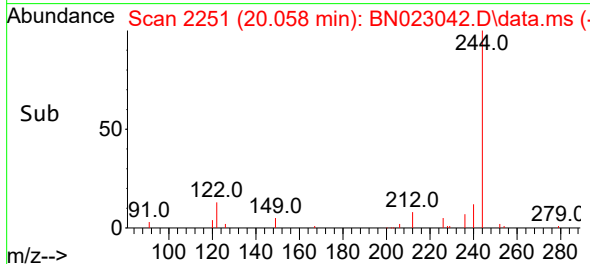
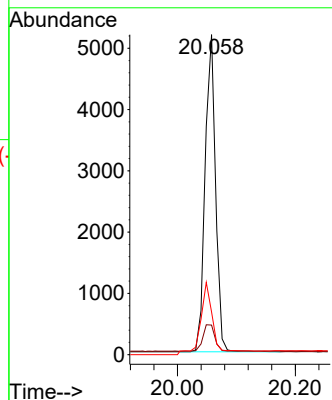
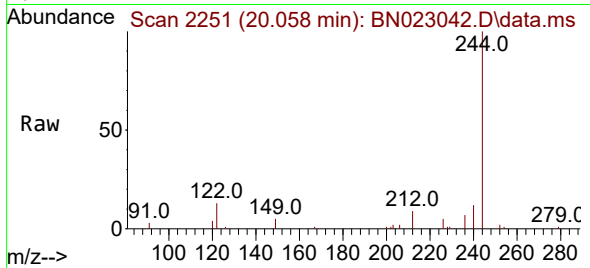




#31
 Terphenyl-d14
 Concen: 0.405 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023042.D
 Acq: 02 Dec 2022 07:21

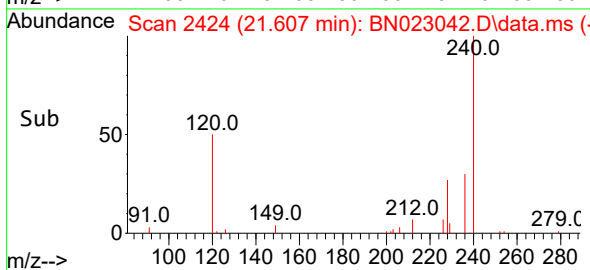
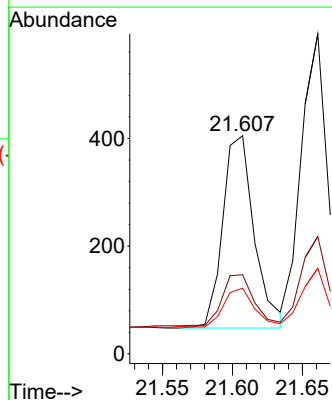
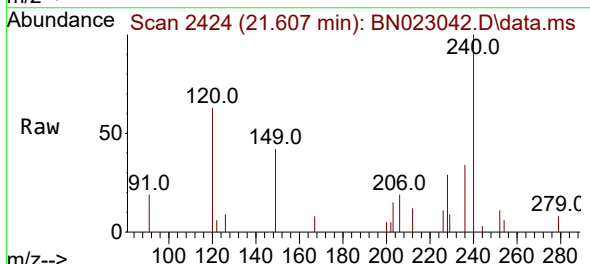
Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN01-11282022

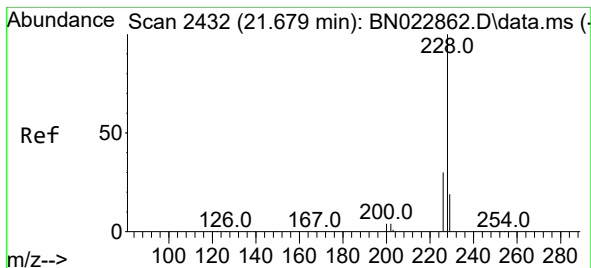
Tgt Ion:244 Resp: 6368
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.9 11.9
 122 13.3 13.9 20.9#



#32
 Benzo(a)anthracene
 Concen: 0.021 ng
 RT: 21.607 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BN023042.D
 Acq: 02 Dec 2022 07:21

Tgt Ion:228 Resp: 559
 Ion Ratio Lower Upper
 228 100
 226 36.3 22.1 33.1#
 229 30.1 15.8 23.6#





#33

Chrysene

Concen: 0.026 ng

RT: 21.661 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN023042.D

Acq: 02 Dec 2022 07:21

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN01-11282022

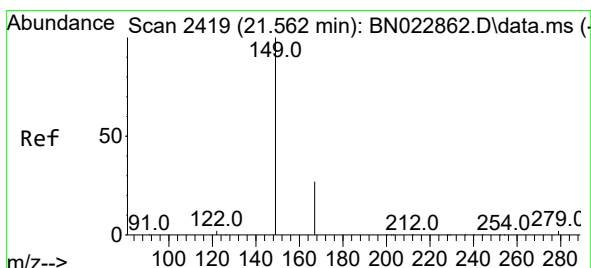
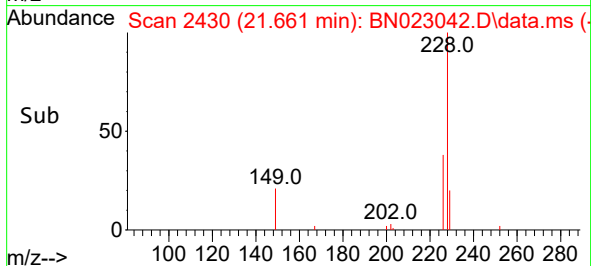
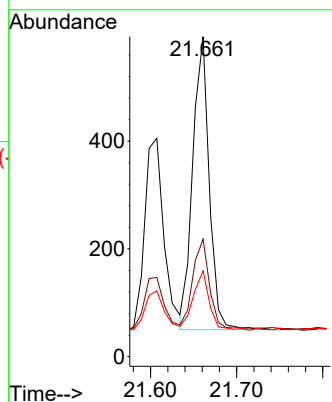
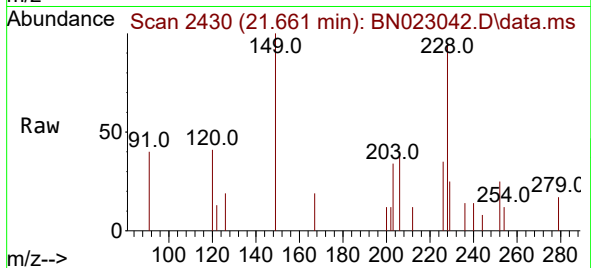
Tgt Ion:228 Resp: 725

Ion Ratio Lower Upper

228 100

226 36.7 24.5 36.7

229 26.8 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 21.527 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BN023042.D

Acq: 02 Dec 2022 07:21

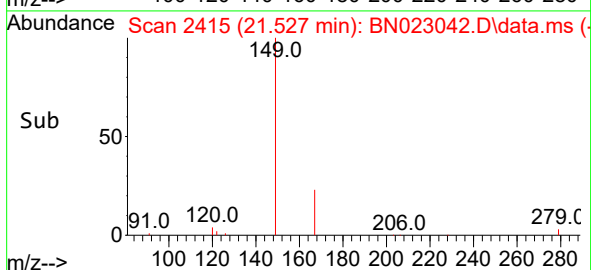
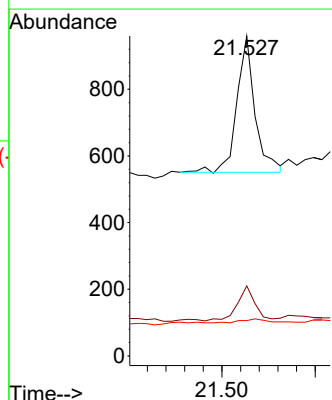
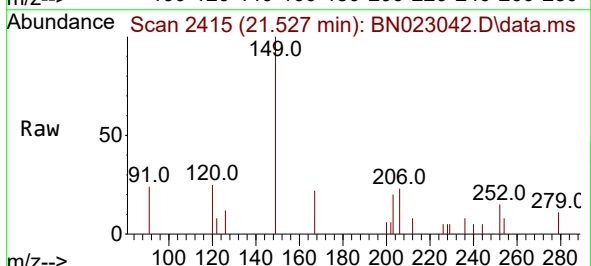
Tgt Ion:149 Resp: 554

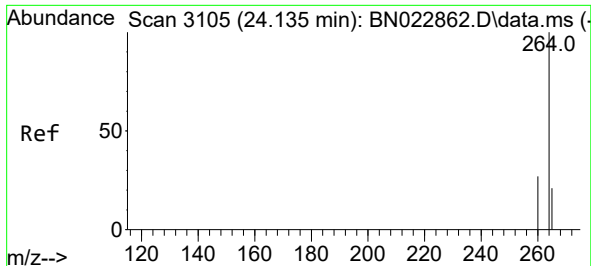
Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

279 4.5 2.3 3.5#

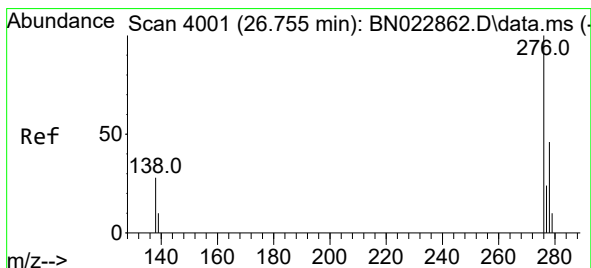
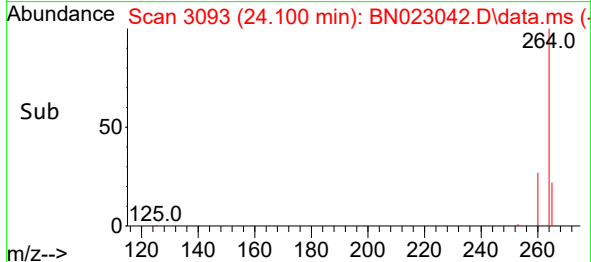
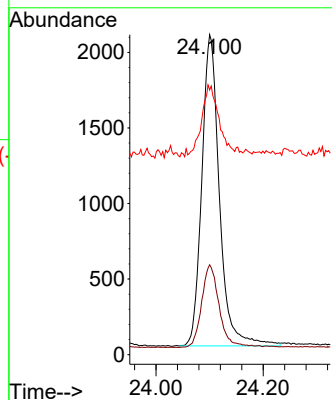
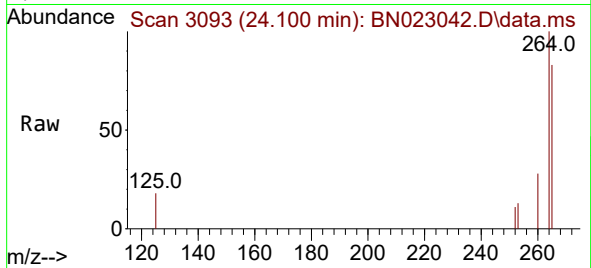




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.100 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

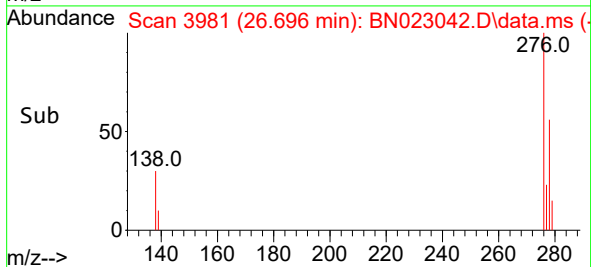
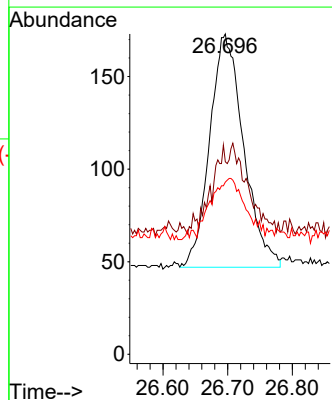
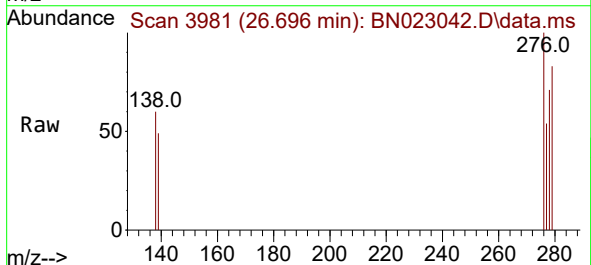
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN01-11282022

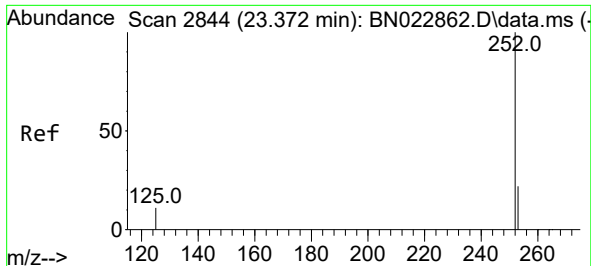
Tgt Ion:264 Resp: 4703
Ion Ratio Lower Upper
264 100
260 28.1 21.7 32.5
265 82.7 31.0 46.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 26.696 min Scan# 3981
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:276 Resp: 459
Ion Ratio Lower Upper
276 100
138 14.6 24.4 36.6#
277 25.9 19.9 29.9

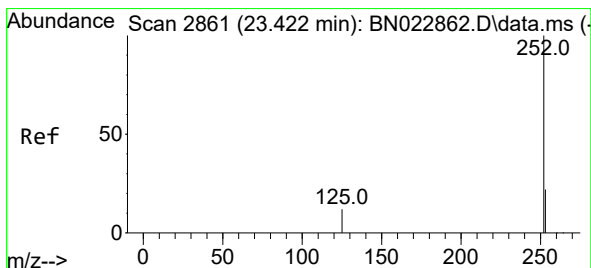
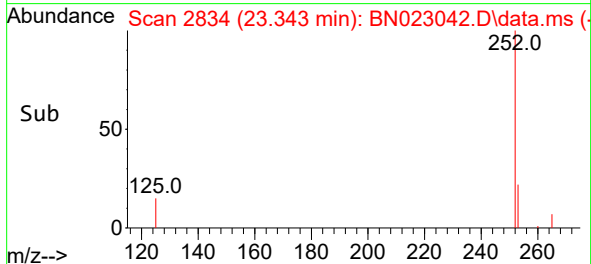
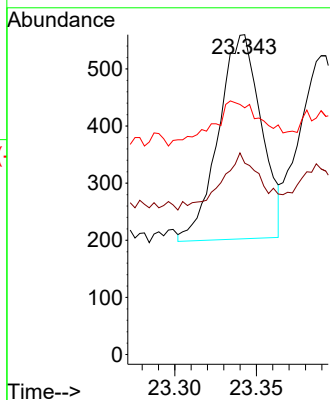
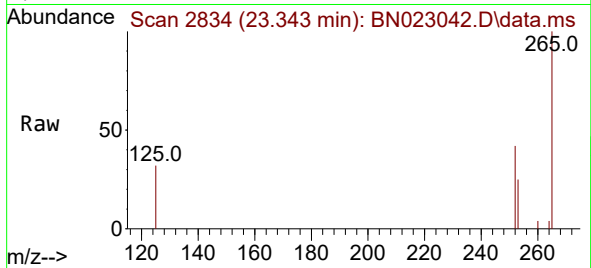




#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.343 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

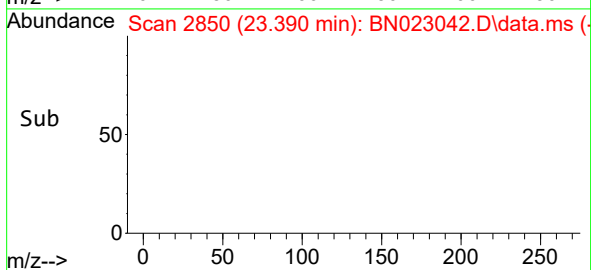
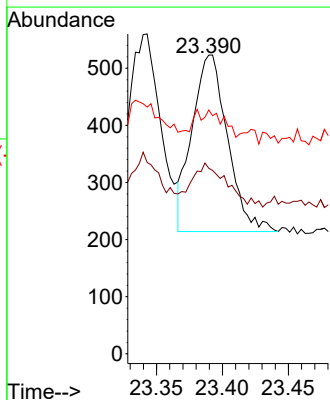
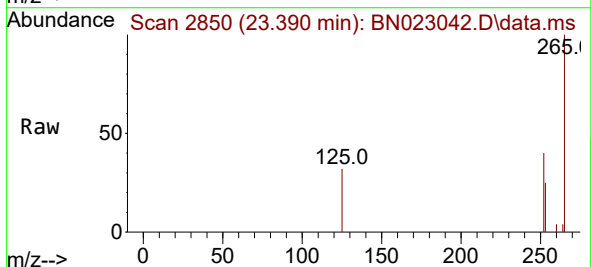
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN01-11282022

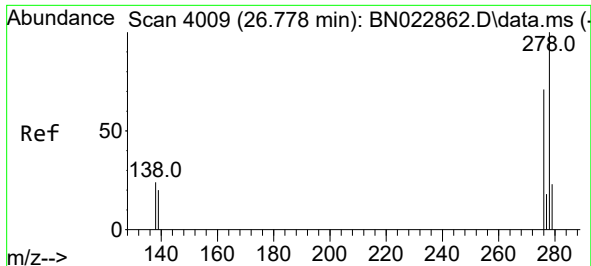
Tgt Ion:252 Resp: 651
Ion Ratio Lower Upper
252 100
253 59.8 18.5 27.7#
125 77.1 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.390 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:252 Resp: 579
Ion Ratio Lower Upper
252 100
253 62.1 18.6 27.8#
125 81.6 11.0 16.4#

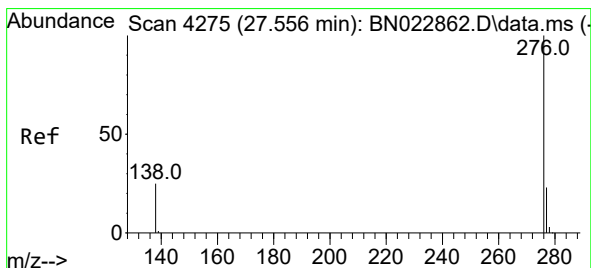
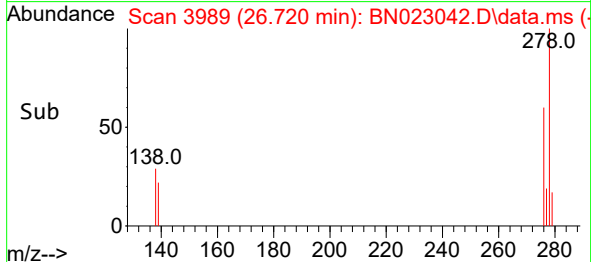
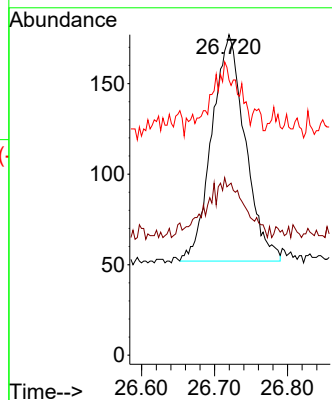
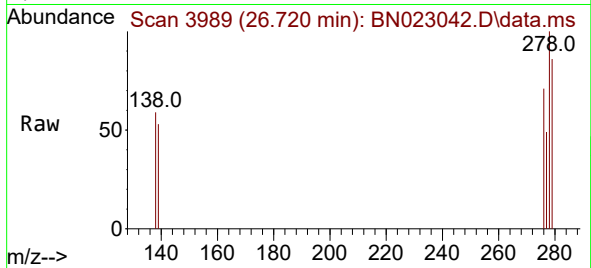




#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.720 min Scan# 3989
Delta R.T. 0.003 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN01-11282022

Tgt Ion:278 Resp: 398
Ion Ratio Lower Upper
278 100
139 53.1 17.4 26.0#
279 85.9 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 27.491 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN023042.D
Acq: 02 Dec 2022 07:21

Tgt Ion:276 Resp: 430
Ion Ratio Lower Upper
276 100
277 55.1 19.7 29.5#
138 62.3 21.4 32.2#

