

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023041.D
 Acq On : 02 Dec 2022 06:44
 Operator : CG/JU
 Sample : N5757-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-20221121

Quant Time: Dec 02 07:47:22 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)

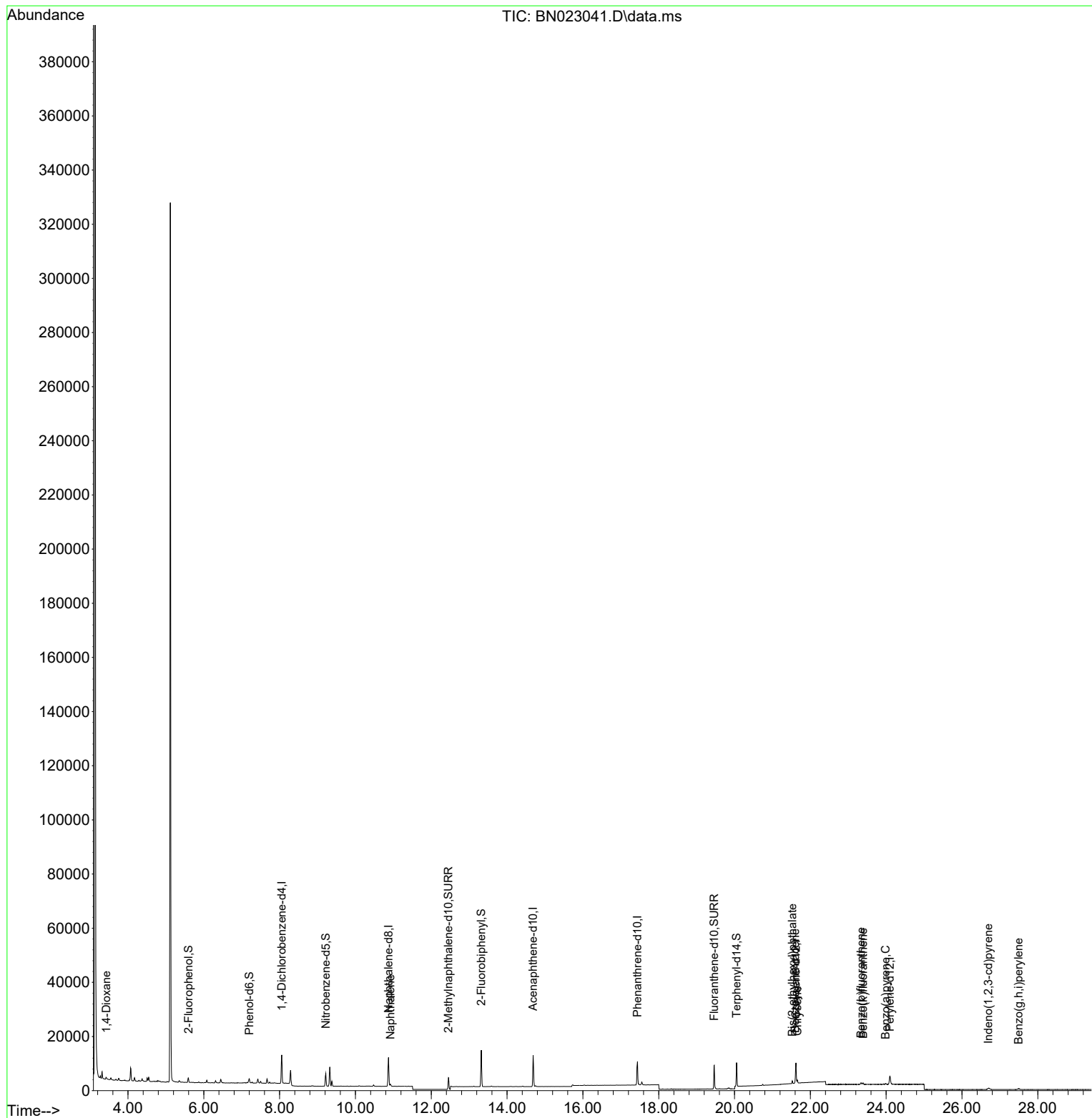
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5031	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13364	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6288	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11893	0.400	ng	# 0.00
29) Chrysene-d12	21.621	240	6571	0.400	ng	# 0.00
35) Perylene-d12	24.099	264	4764	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1361	0.104	ng	0.00
5) Phenol-d6	7.205	99	1129	0.068	ng	0.00
8) Nitrobenzene-d5	9.217	82	3670	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.454	152	6436	0.222	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	9	0.003	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	10660	0.371	ng	0.00
27) Fluoranthene-d10	19.465	212	9344	0.289	ng	0.00
31) Terphenyl-d14	20.053	244	6926	0.449	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.427	88	180	0.028	ng	# 1
9) Naphthalene	10.925	128	1033	0.025	ng	# 83
32) Benzo(a)anthracene	21.603	228	689	0.026	ng	# 87
33) Chrysene	21.656	228	905	0.033	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.522	149	1029	0.096	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.695	276	684	0.035	ng	94
37) Benzo(b)fluoranthene	23.338	252	838	0.039	ng	# 13
38) Benzo(k)fluoranthene	23.391	252	740	0.032	ng	# 8
39) Benzo(a)pyrene	23.985	252	367	0.023	ng	# 1
41) Benzo(g,h,i)perylene	27.496	276	666	0.039	ng	# 57

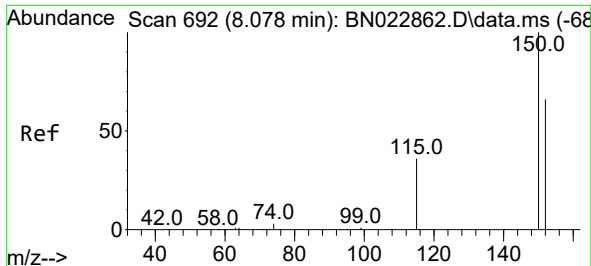
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

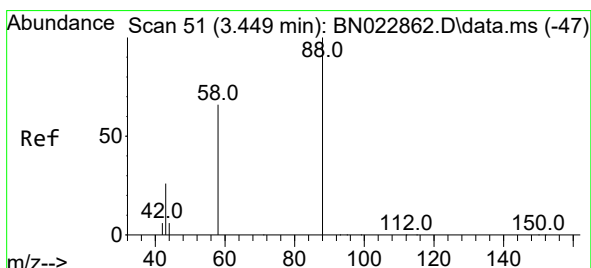
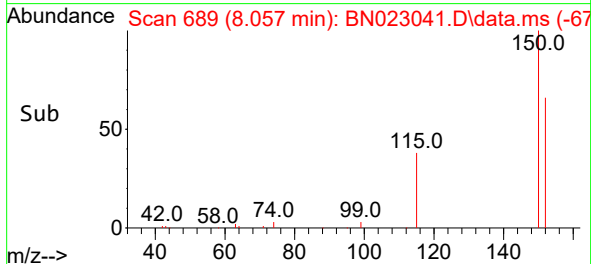
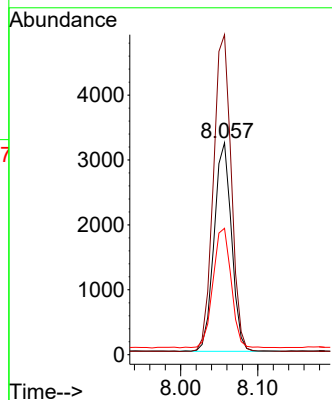
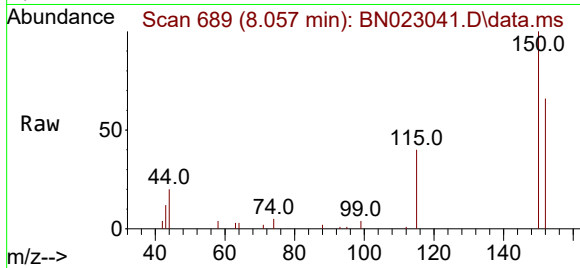




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023041.D
 Acq: 02 Dec 2022 06:44

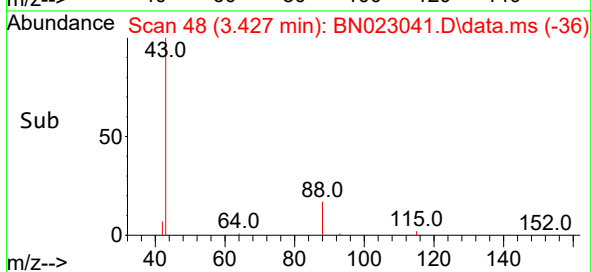
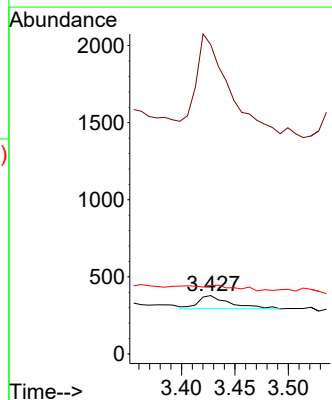
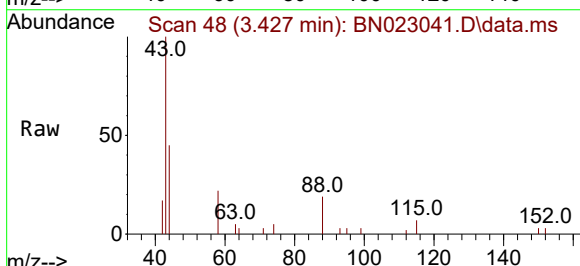
Instrument :
 BNA_N
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 EB01-20221121

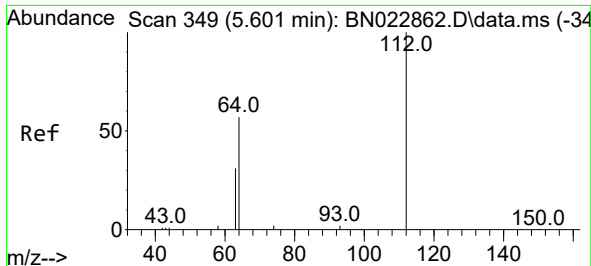
Tgt Ion:152 Resp: 5031
 Ion Ratio Lower Upper
 152 100
 150 151.1 121.2 181.8
 115 59.7 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.427 min Scan# 48
 Delta R.T. -0.014 min
 Lab File: BN023041.D
 Acq: 02 Dec 2022 06:44

Tgt Ion: 88 Resp: 180
 Ion Ratio Lower Upper
 88 100
 43 745.0 25.4 38.2#
 58 0.0 56.5 84.7#

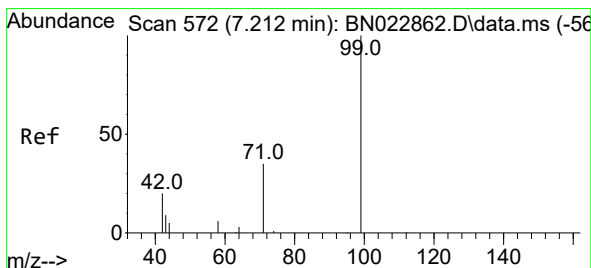
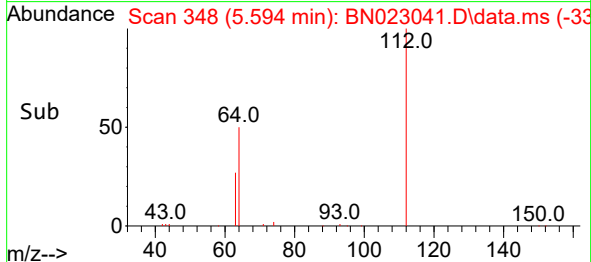
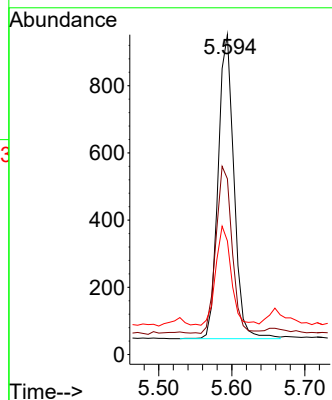
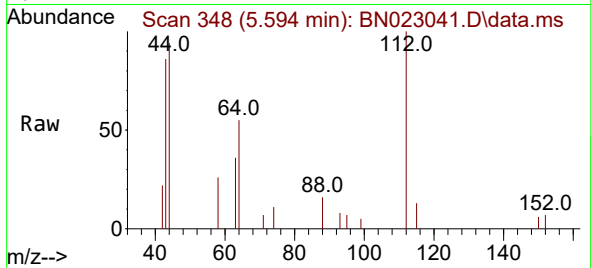




#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.594 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

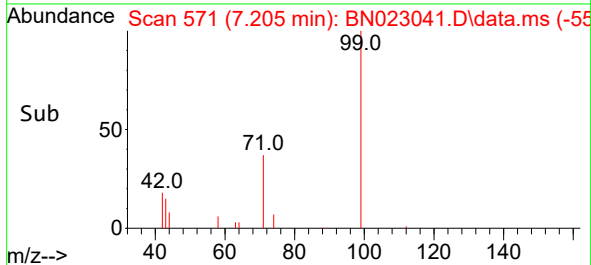
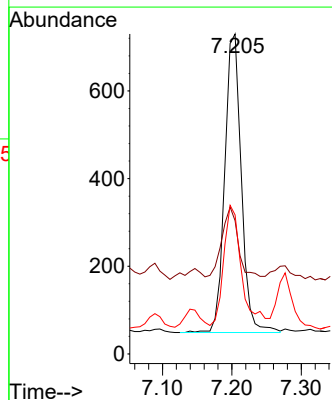
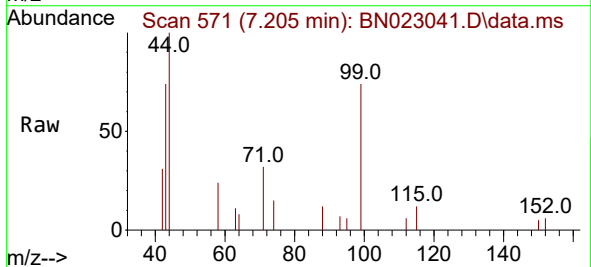
Instrument :
BNA_N
ClientSampleId :
EB01-20221121

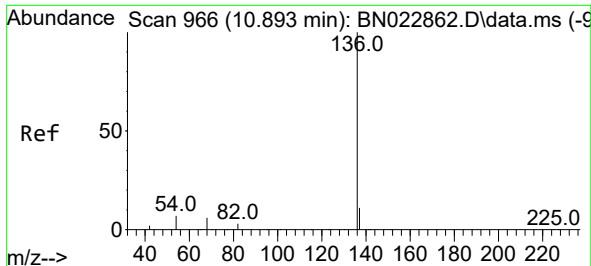
Tgt Ion:112 Resp: 1361
Ion Ratio Lower Upper
112 100
64 55.3 43.4 65.2
63 31.7 23.4 35.2



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.205 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion: 99 Resp: 1129
Ion Ratio Lower Upper
99 100
42 23.2 16.0 24.0
71 44.7 26.8 40.2#

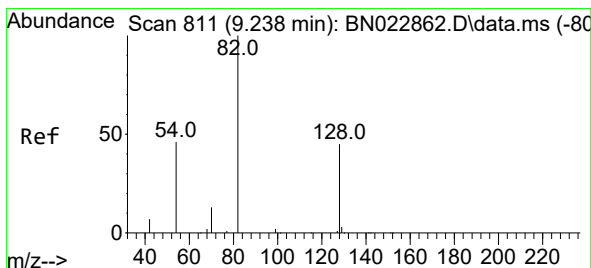
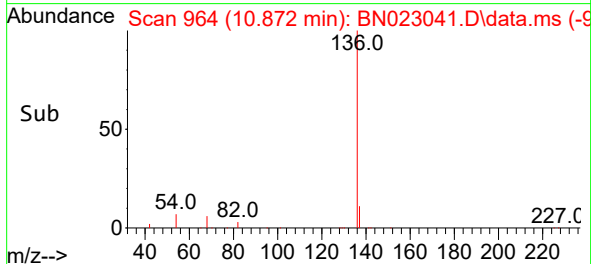
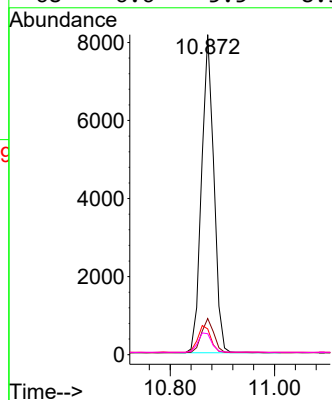
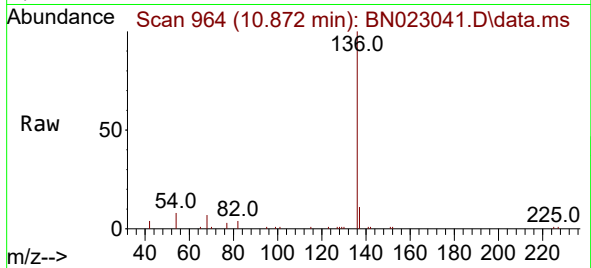




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

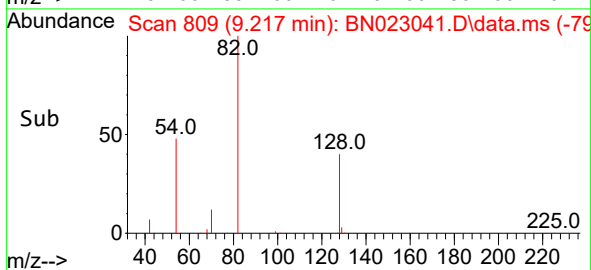
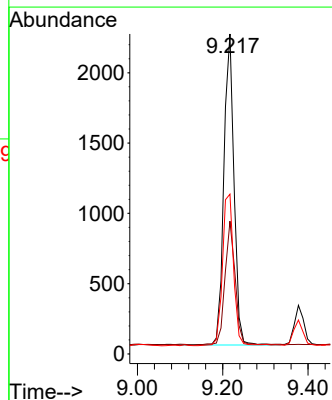
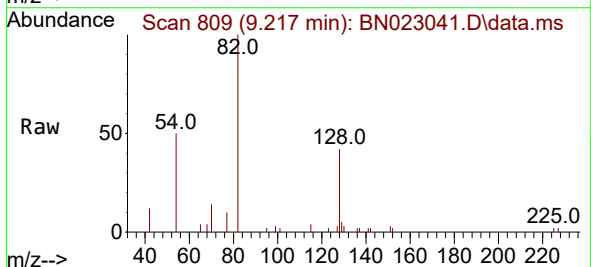
Instrument :
BNA_N
ClientSampleId :
EB01-20221121

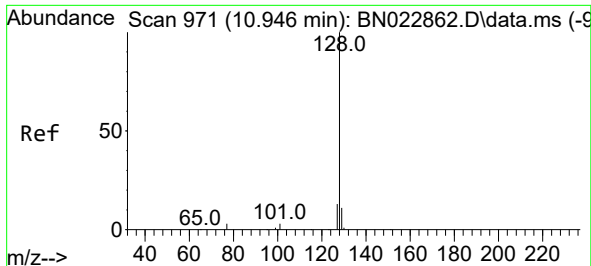
Tgt Ion:136	Resp:	13364
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	8.1	6.6 9.8
68	6.6	5.5 8.3



#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.217 min Scan# 809
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion: 82	Resp:	3670
Ion Ratio	Lower	Upper
82	100	
128	41.5	36.6 54.8
54	50.0	38.5 57.7

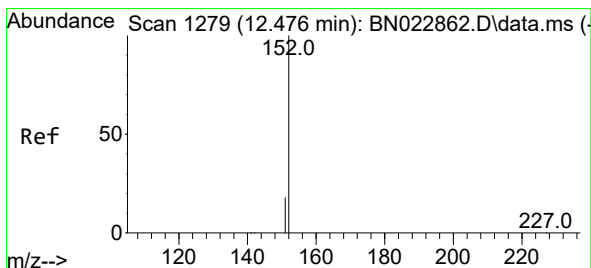
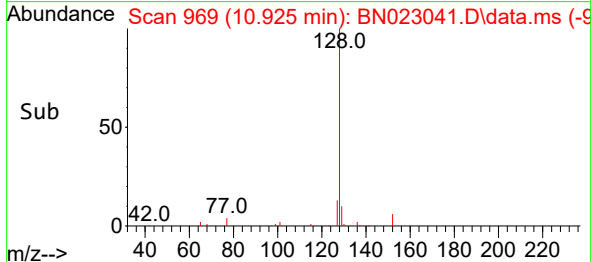
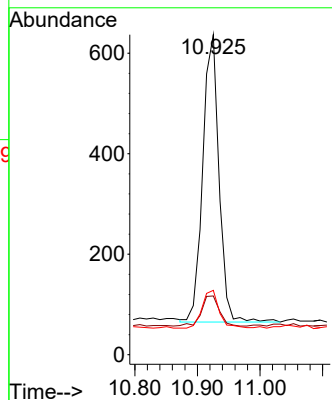
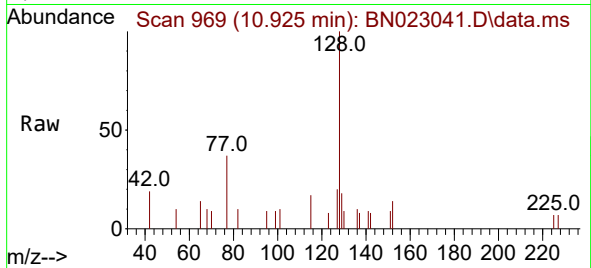




#9
Naphthalene
Concen: 0.025 ng
RT: 10.925 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

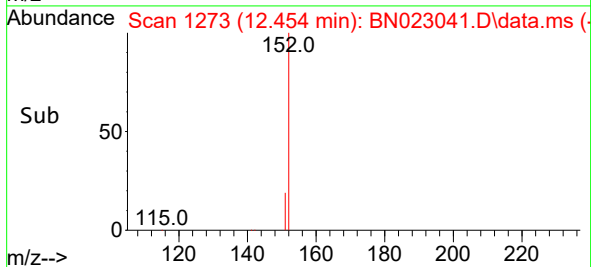
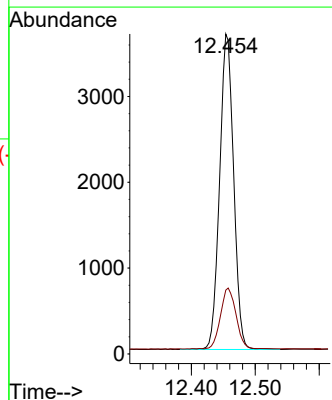
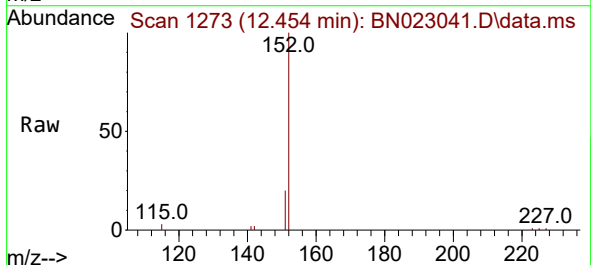
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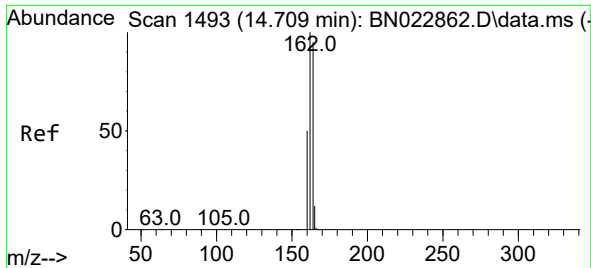
Tgt Ion:128 Resp: 1033
Ion Ratio Lower Upper
128 100
129 18.4 9.0 13.4#
127 20.1 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.454 min Scan# 1273
Delta R.T. -0.004 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:152 Resp: 6436
Ion Ratio Lower Upper
152 100
151 18.6 18.6 27.8#

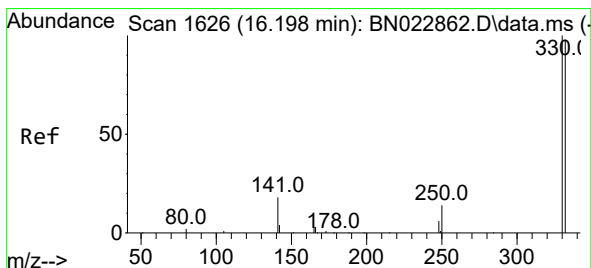
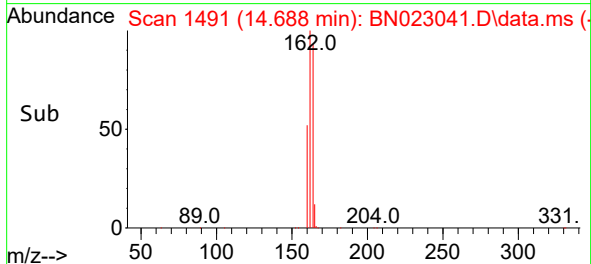
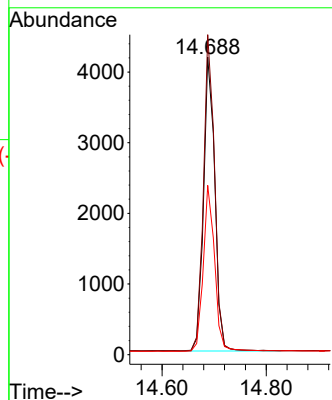
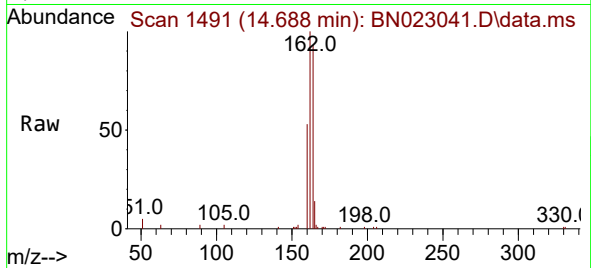




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

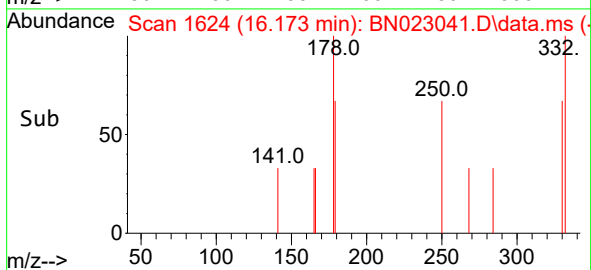
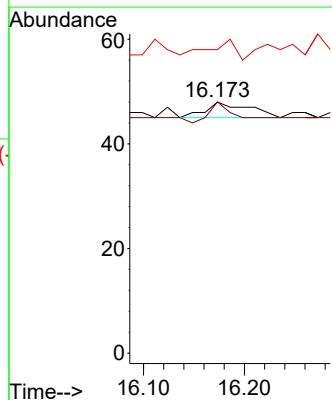
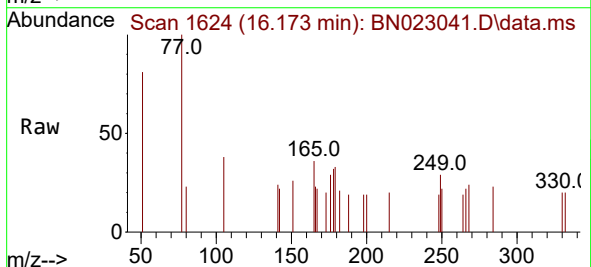
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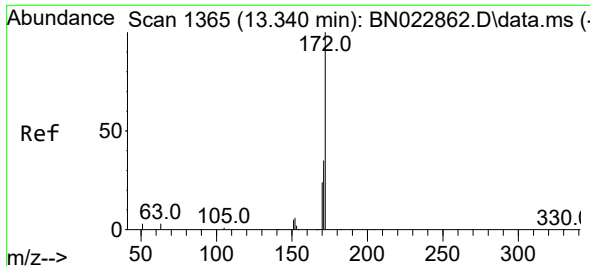
Tgt Ion:164 Resp: 6288
Ion Ratio Lower Upper
164 100
162 107.5 84.2 126.4
160 56.9 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:330 Resp: 9
Ion Ratio Lower Upper
330 100
332 77.8 76.5 114.7
141 77.8 32.6 48.8#

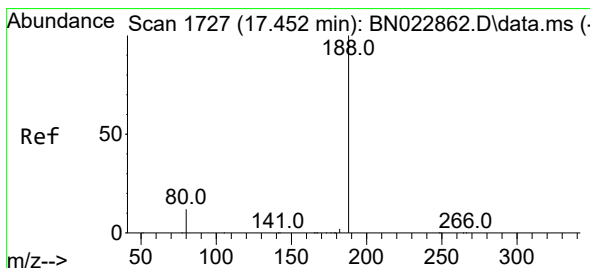
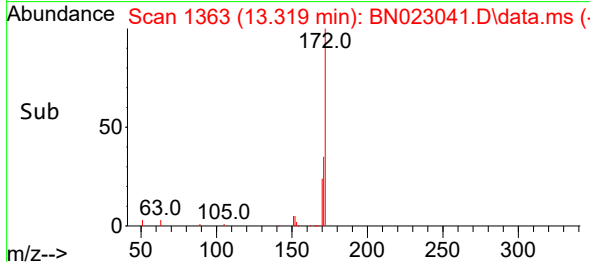
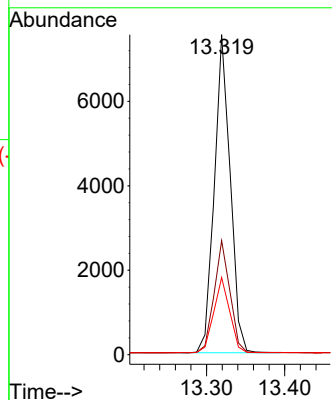
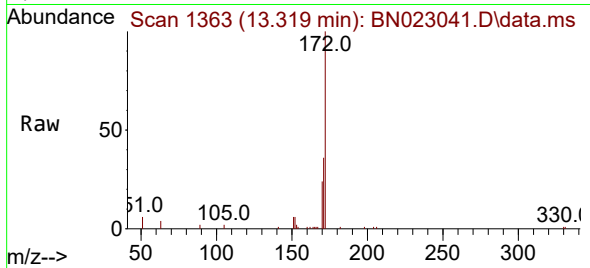




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.319 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

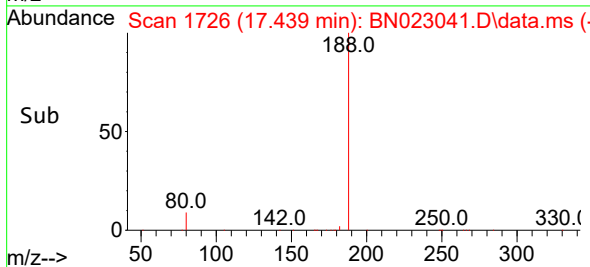
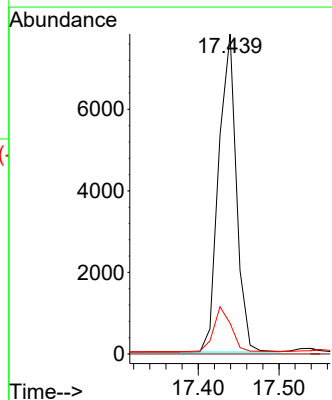
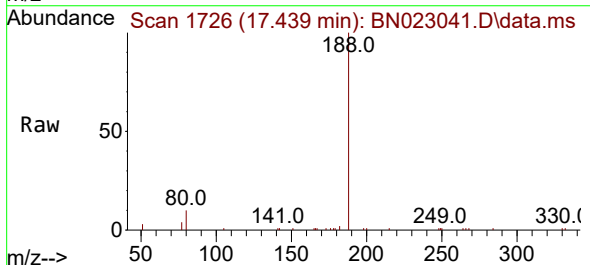
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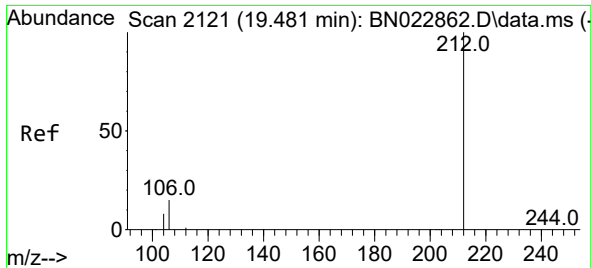
Tgt Ion:	172	Resp:	10660
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.2	42.4
170	24.1	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:	188	Resp:	11893
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	10.3	15.5

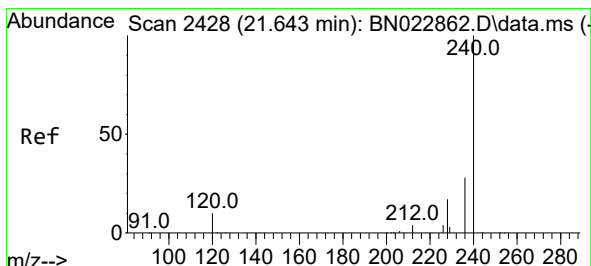
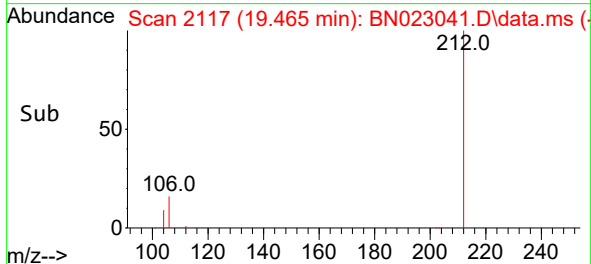
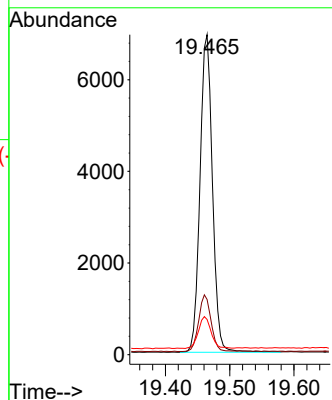
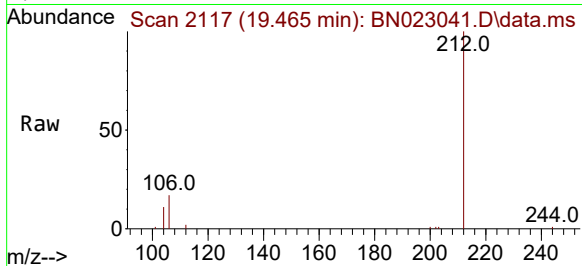




#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.465 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

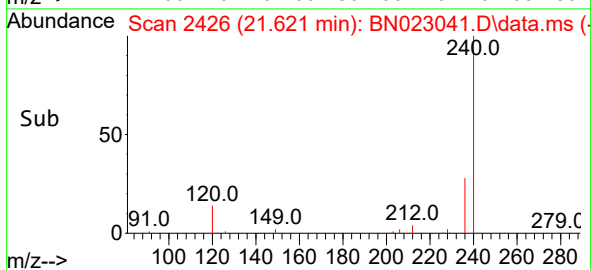
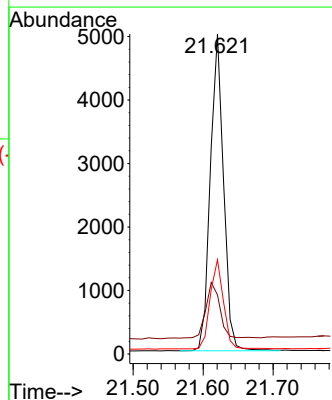
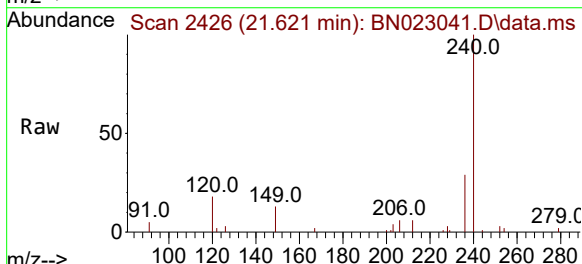
Instrument :
BNA_N
ClientSampleId :
EB01-20221121

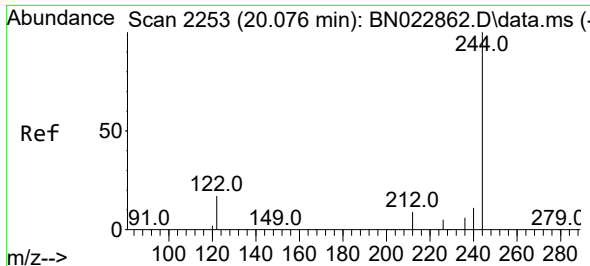
Tgt Ion:212 Resp: 9344
Ion Ratio Lower Upper
212 100
106 17.7 12.3 18.5
104 10.1 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.621 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:240 Resp: 6571
Ion Ratio Lower Upper
240 100
120 18.4 9.2 13.8#
236 29.4 22.6 34.0

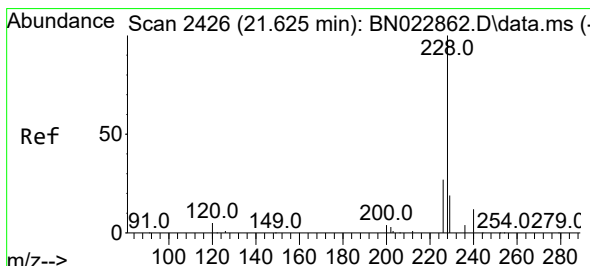
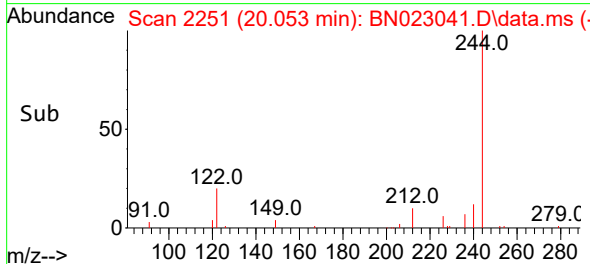
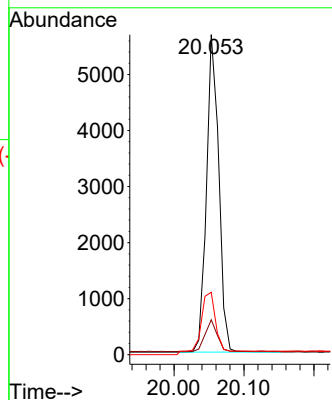
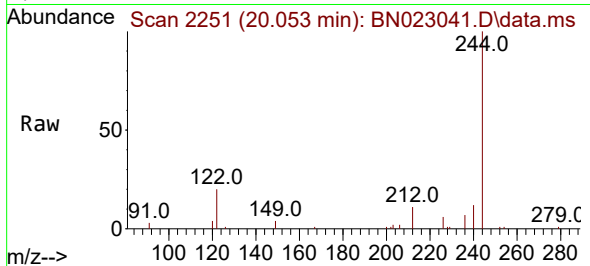




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 20.053 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN023041.D
 Acq: 02 Dec 2022 06:44

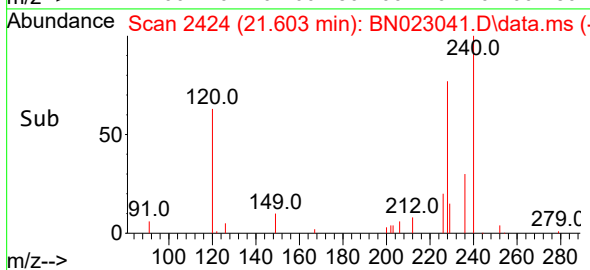
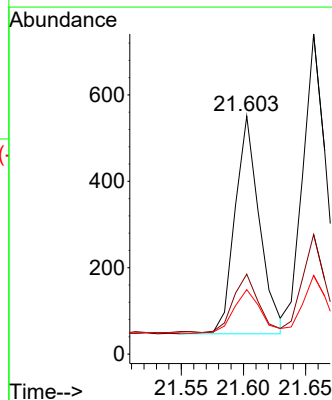
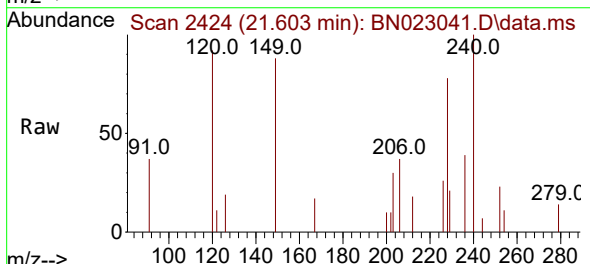
Instrument :
 BNA_N
 ClientSampleId :
 EB01-20221121

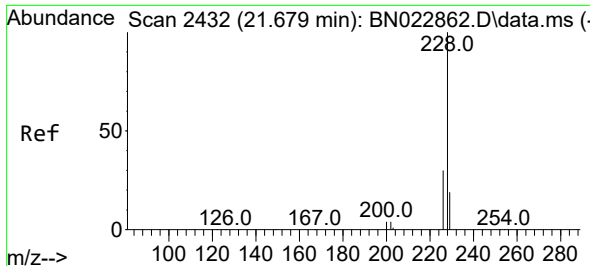
Tgt Ion:244 Resp: 6926
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.9 11.9
 122 19.5 13.9 20.9



#32
 Benzo(a)anthracene
 Concen: 0.026 ng
 RT: 21.603 min Scan# 2424
 Delta R.T. -0.005 min
 Lab File: BN023041.D
 Acq: 02 Dec 2022 06:44

Tgt Ion:228 Resp: 689
 Ion Ratio Lower Upper
 228 100
 226 33.6 22.1 33.1#
 229 27.0 15.8 23.6#

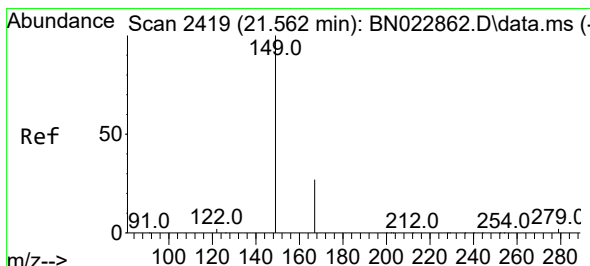
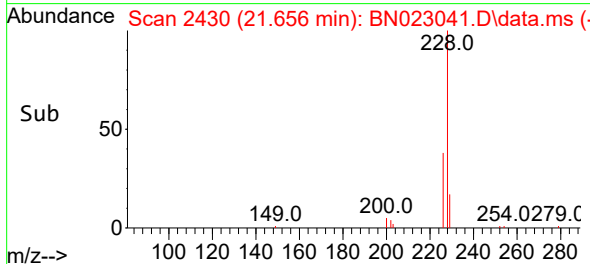
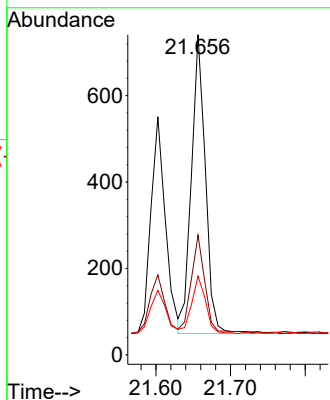
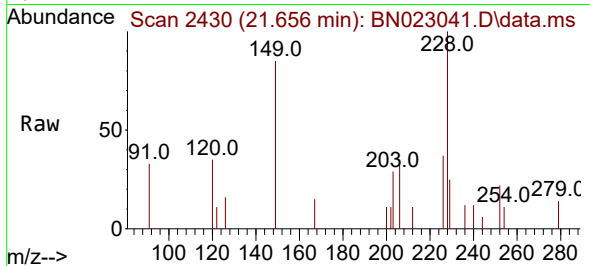




#33
Chrysene
Concen: 0.033 ng
RT: 21.656 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

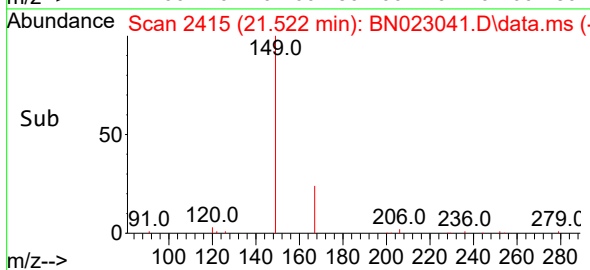
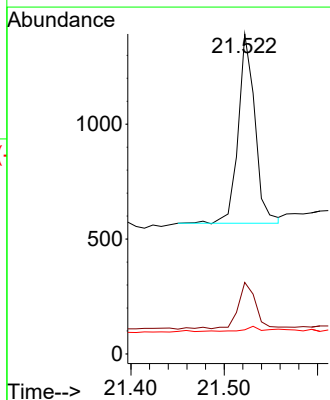
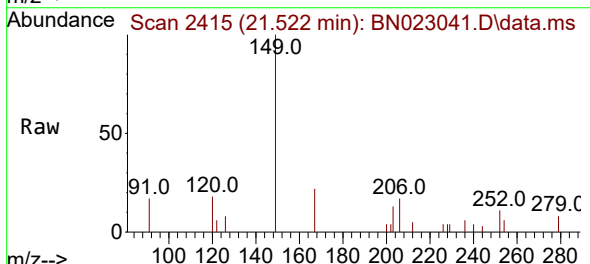
Instrument :
BNA_N
ClientSampleId :
EB01-20221121

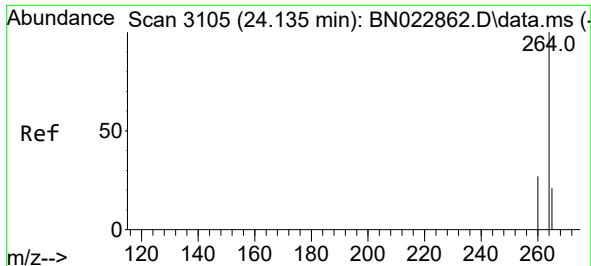
Tgt Ion:228 Resp: 905
Ion Ratio Lower Upper
228 100
226 37.4 24.5 36.7#
229 24.6 15.8 23.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.522 min Scan# 2415
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:149 Resp: 1029
Ion Ratio Lower Upper
149 100
167 25.7 21.3 31.9
279 2.0 2.3 3.5#

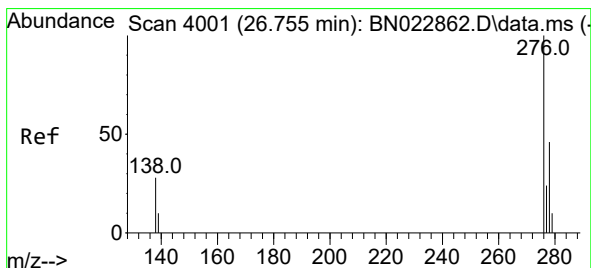
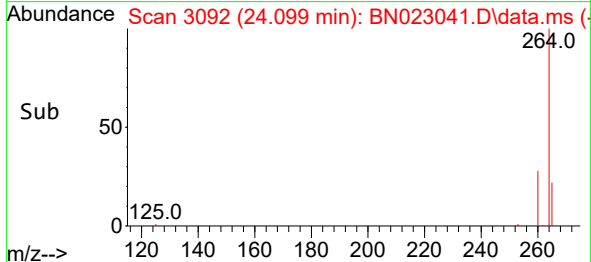
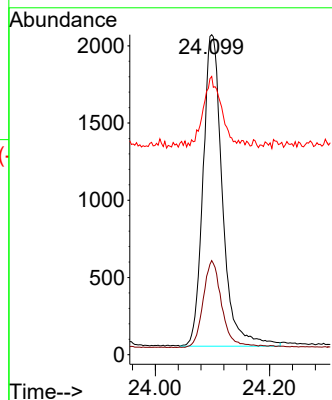
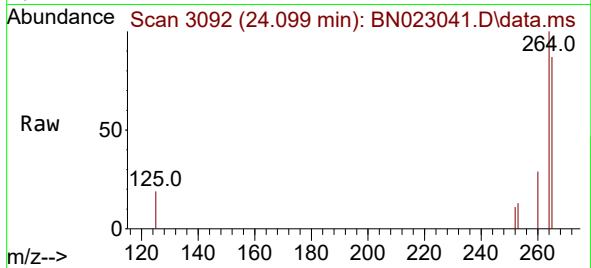




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.099 min Scan# 3092
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

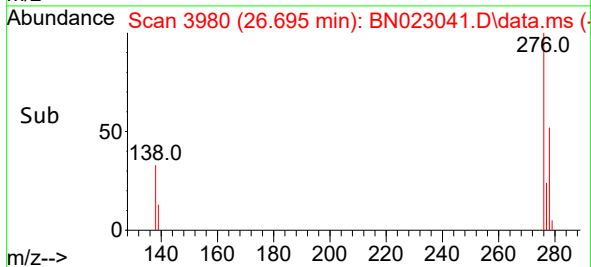
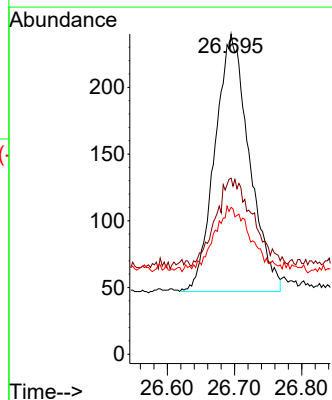
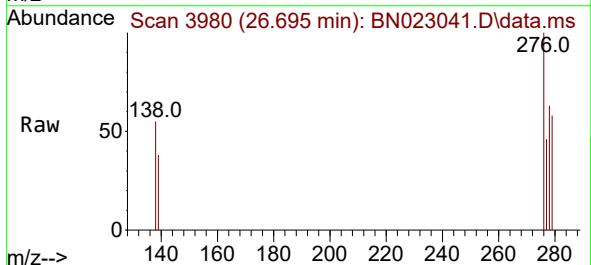
Instrument :
BNA_N
ClientSampleId :
EB01-20221121

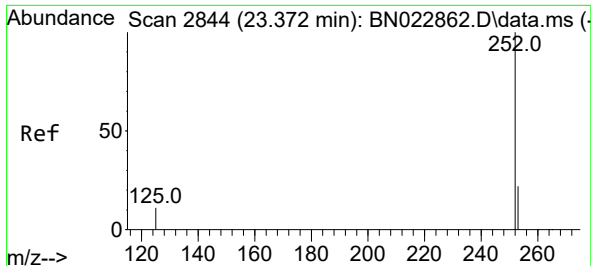
Tgt Ion:264 Resp: 4764
Ion Ratio Lower Upper
264 100
260 29.4 21.7 32.5
265 87.0 31.0 46.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng
RT: 26.695 min Scan# 3980
Delta R.T. -0.002 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:276 Resp: 684
Ion Ratio Lower Upper
276 100
138 35.7 24.4 36.6
277 24.1 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.039 ng

RT: 23.338 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN023041.D

Acq: 02 Dec 2022 06:44

Instrument :

BNA_N

ClientSampleId :

EB01-20221121

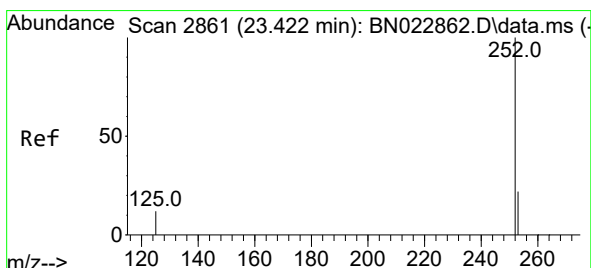
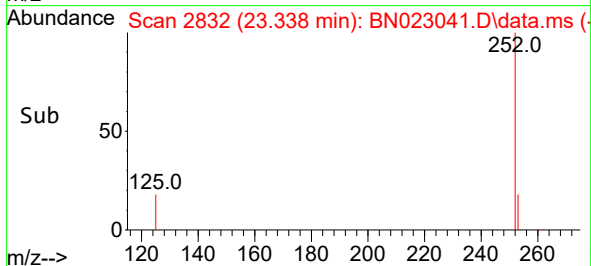
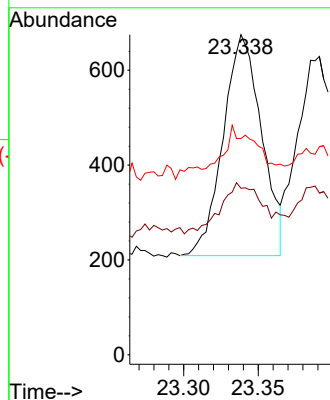
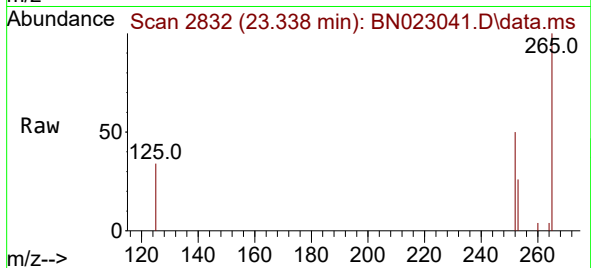
Tgt Ion:252 Resp: 838

Ion Ratio Lower Upper

252 100

253 52.0 18.5 27.7#

125 67.6 10.8 16.2#



#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 23.391 min Scan# 2850

Delta R.T. 0.001 min

Lab File: BN023041.D

Acq: 02 Dec 2022 06:44

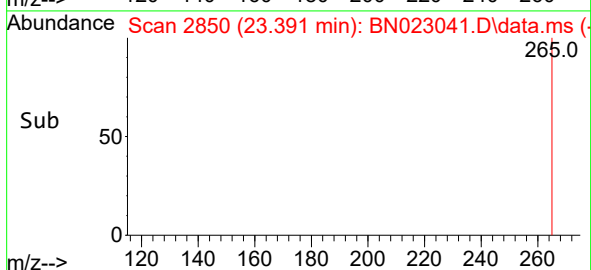
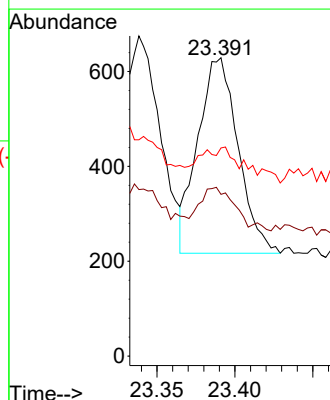
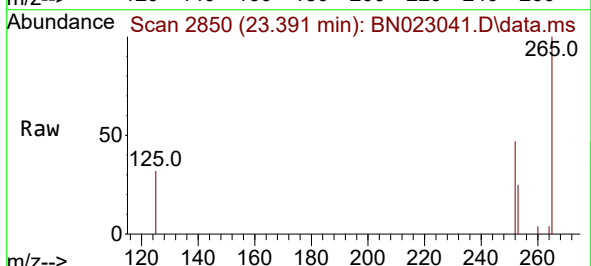
Tgt Ion:252 Resp: 740

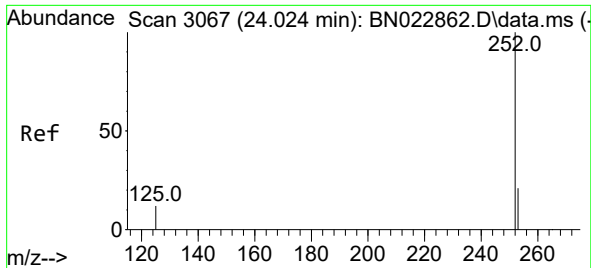
Ion Ratio Lower Upper

252 100

253 54.2 18.6 27.8#

125 69.8 11.0 16.4#

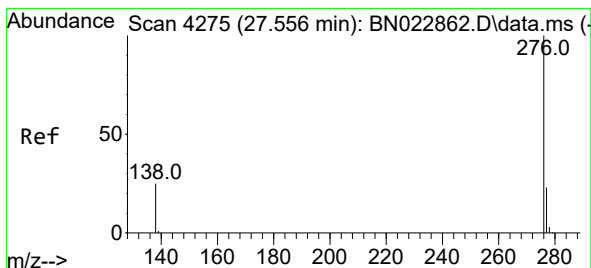
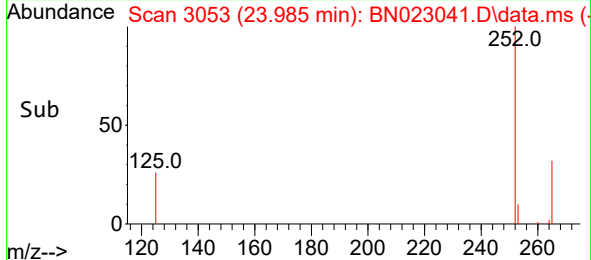
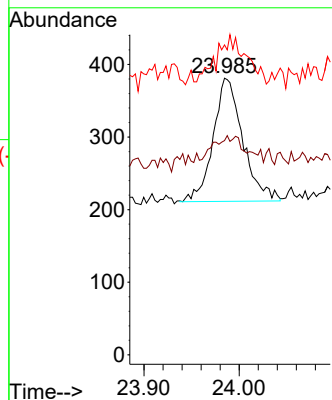
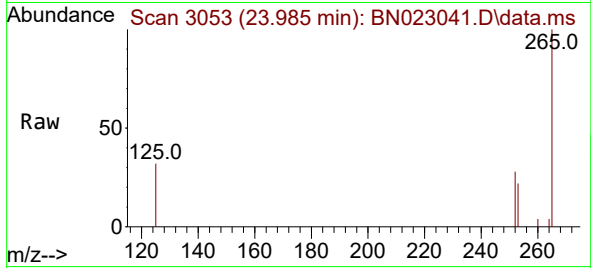




#39
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.985 min Scan# 3067
Delta R.T. -0.007 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Instrument :
BNA_N
ClientSampleId :
EB01-20221121

Tgt Ion:252 Resp: 367
Ion Ratio Lower Upper
252 100
253 77.4 19.2 28.8#
125 112.1 12.7 19.1#



#41
Benzo(g,h,i)perylene
Concen: 0.039 ng
RT: 27.496 min Scan# 4254
Delta R.T. 0.001 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:276 Resp: 666
Ion Ratio Lower Upper
276 100
277 45.5 19.7 29.5#
138 49.4 21.4 32.2#

