

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
 Data File : BN030664.D
 Acq On : 04 Apr 2024 17:04
 Operator : MA/JU
 Sample : P1964-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-02-17-040224

Quant Time: Apr 04 17:35:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

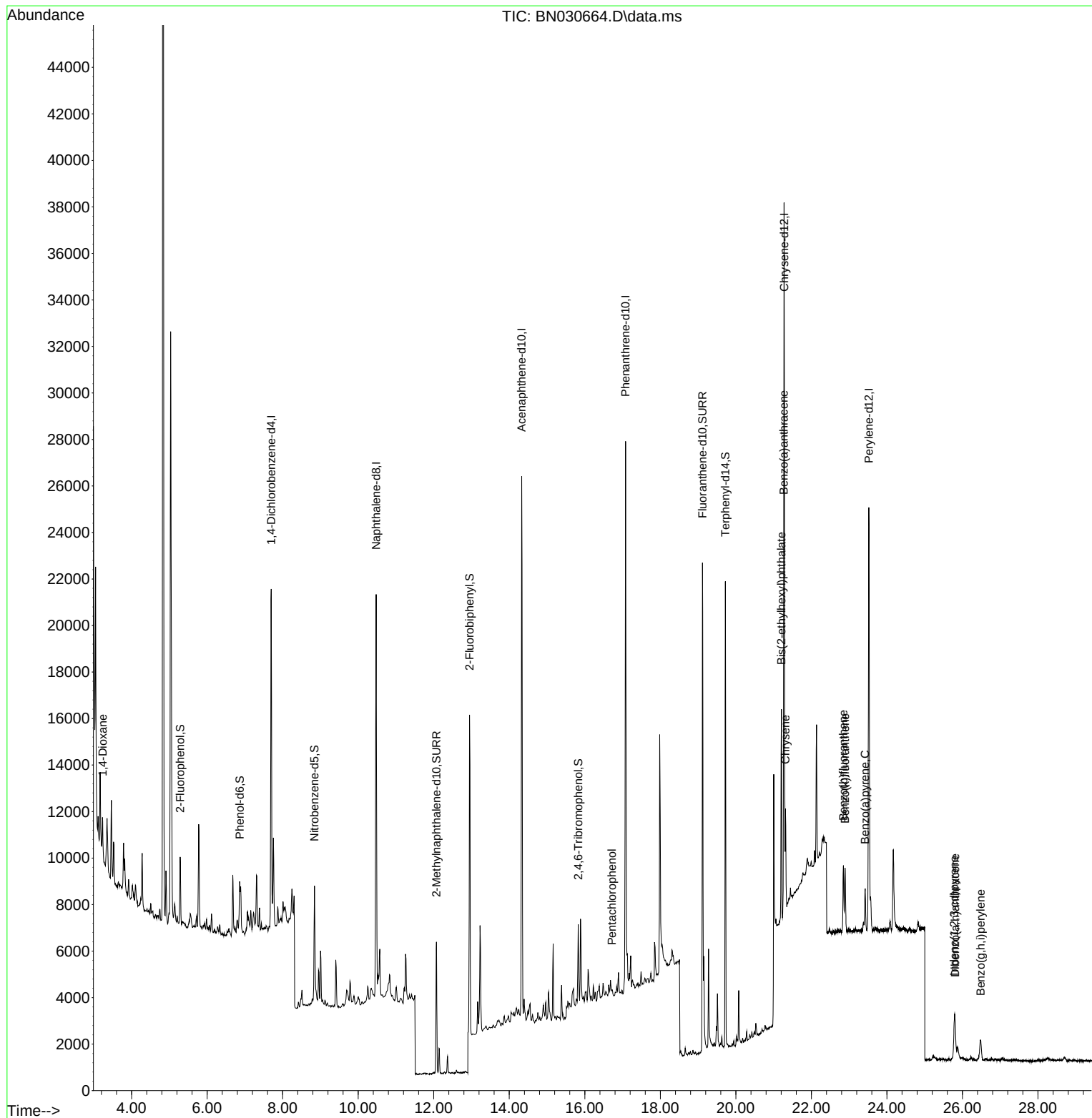
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	7304	0.400	ng	0.00
7) Naphthalene-d8	10.475	136	22254	0.400	ng	-0.01
13) Acenaphthene-d10	14.327	164	13913	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	31114	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	26367	0.400	ng	0.00
35) Perylene-d12	23.521	264	23386	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2358	0.148	ng	-0.01
5) Phenol-d6	6.866	99	1961	0.096	ng	0.00
8) Nitrobenzene-d5	8.841	82	3791	0.242	ng	-0.01
11) 2-Methylnaphthalene-d10	12.070	152	7538	0.221	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	1867	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	11426	0.212	ng	-0.02
27) Fluoranthene-d10	19.117	212	22629	0.270	ng	0.00
31) Terphenyl-d14	19.721	244	18534	0.304	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.233	88	1298	0.147	ng	# 59
24) Pentachlorophenol	16.718	266	175	0.191	ng	# 71
32) Benzo(a)anthracene	21.267	228	3232	0.035	ng	# 90
33) Chrysene	21.312	228	3528	0.035	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.204	149	8720	0.215	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.781	276	2468	0.024	ng	95
37) Benzo(b)fluoranthene	22.846	252	3302	0.035	ng	# 20
38) Benzo(k)fluoranthene	22.890	252	3078	0.032	ng	# 15
39) Benzo(a)pyrene	23.422	252	2270	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	1939	0.024	ng	# 23
41) Benzo(g,h,i)perylene	26.477	276	1860	0.021	ng	# 49

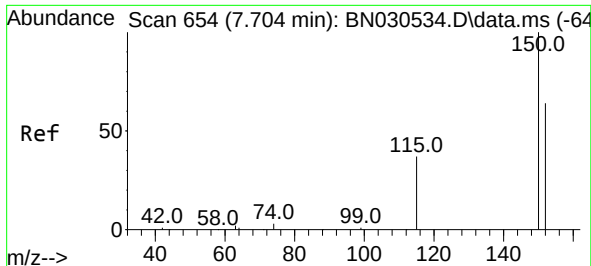
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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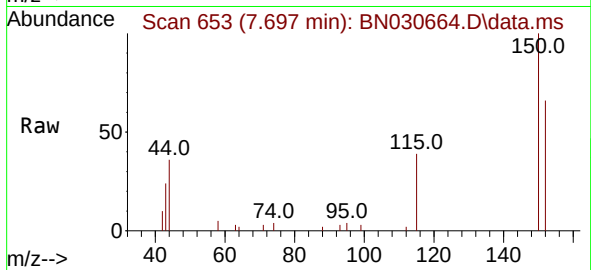
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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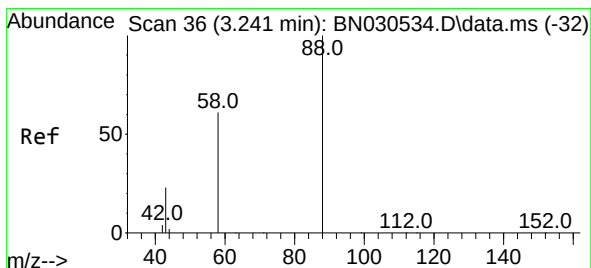
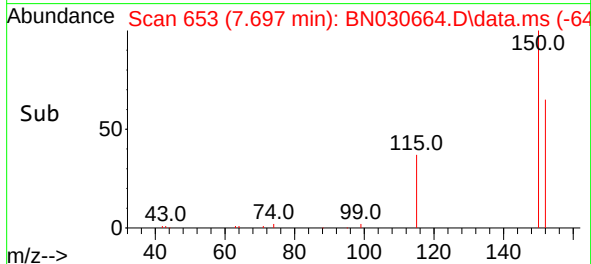
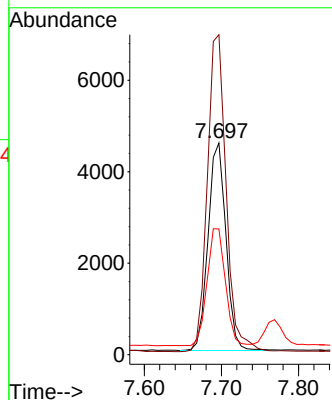
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.697 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030664.D
 Acq: 04 Apr 2024 17:04

Instrument :
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 ClientSampleId :
 RSB-02-17-040224



Tgt Ion:152 Resp: 7304

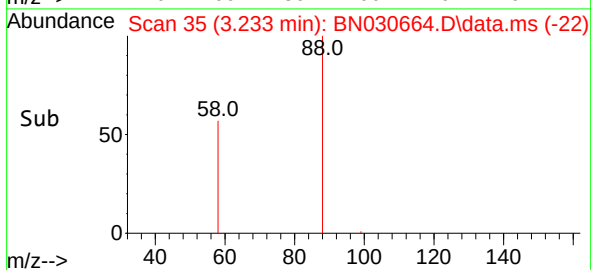
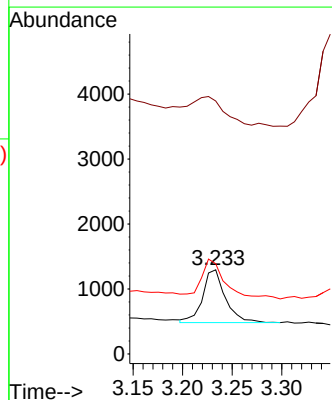
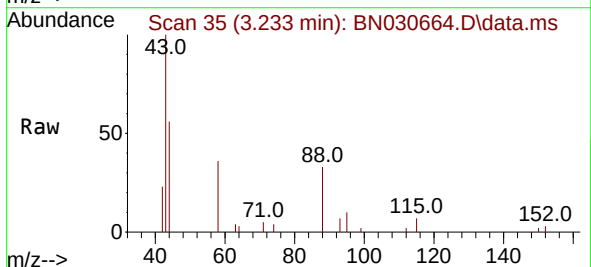
Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.2	186.4
115	59.4	48.6	72.8

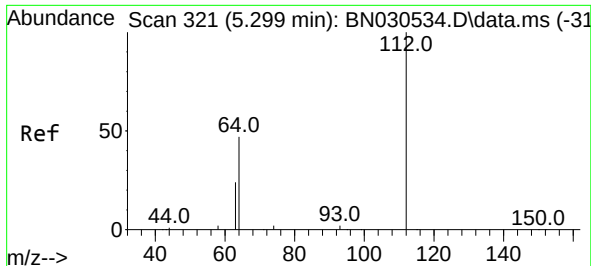


#2
 1,4-Dioxane
 Concen: 0.147 ng
 RT: 3.233 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN030664.D
 Acq: 04 Apr 2024 17:04

Tgt Ion: 88 Resp: 1298

Ion	Ratio	Lower	Upper
88	100		
43	77.9	21.9	32.9#
58	80.7	53.4	80.2#





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.284 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN030664.D

Acq: 04 Apr 2024 17:04

Instrument :

BNA_N

ClientSampleId :

RSB-02-17-040224

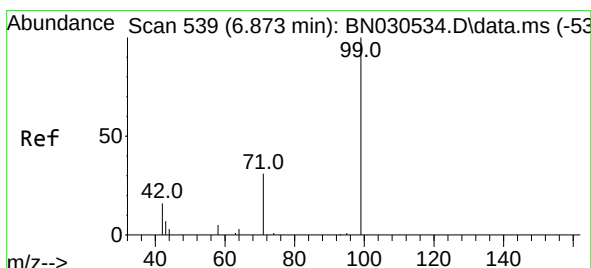
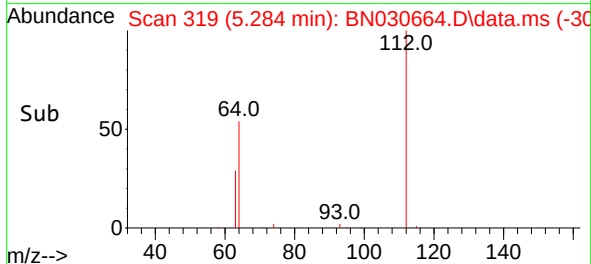
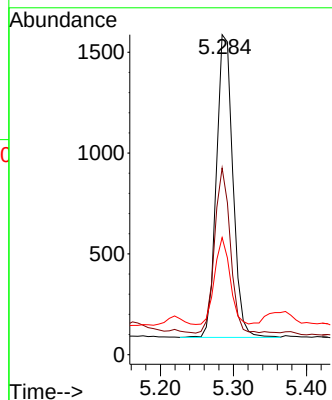
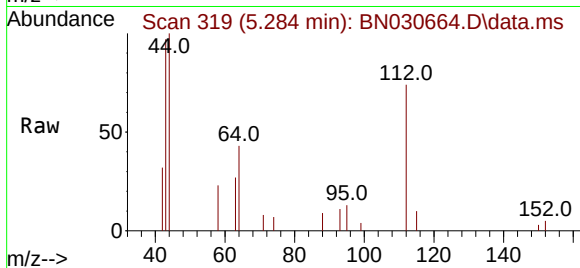
Tgt Ion:112 Resp: 2358

Ion Ratio Lower Upper

112 100

64 51.7 43.2 64.8

63 26.5 22.5 33.7



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.866 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN030664.D

Acq: 04 Apr 2024 17:04

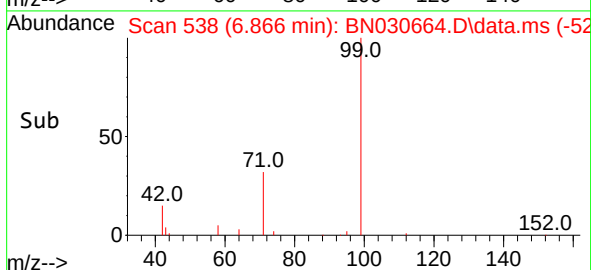
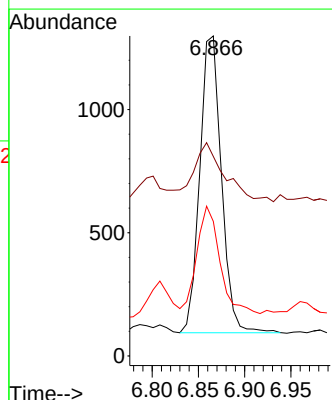
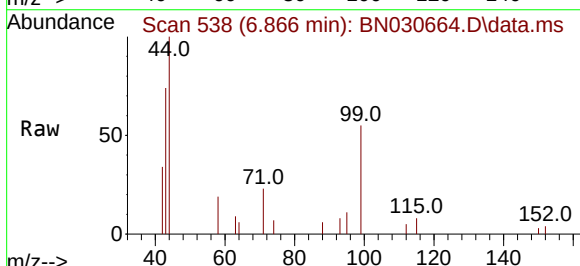
Tgt Ion: 99 Resp: 1961

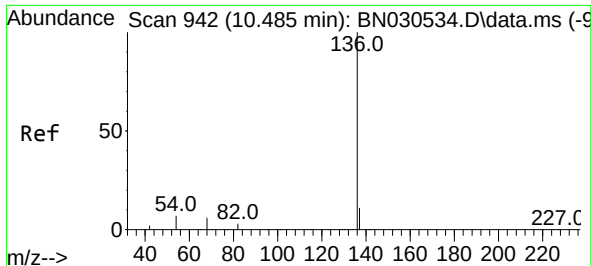
Ion Ratio Lower Upper

99 100

42 28.6 15.8 23.6#

71 39.4 25.9 38.9#

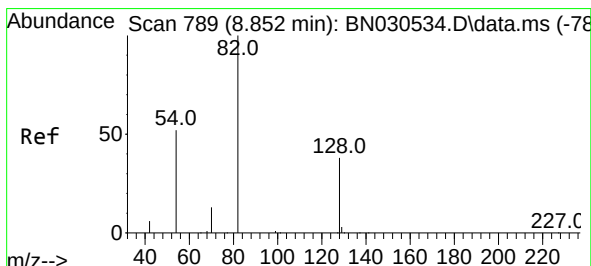
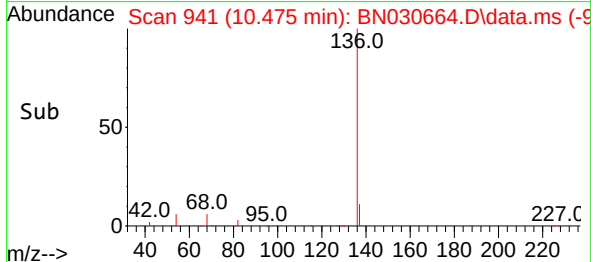
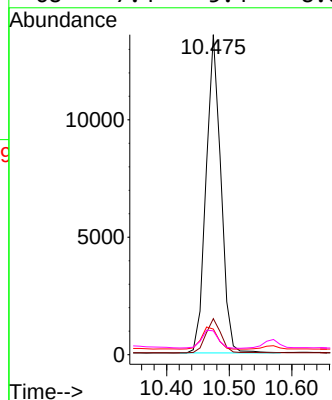
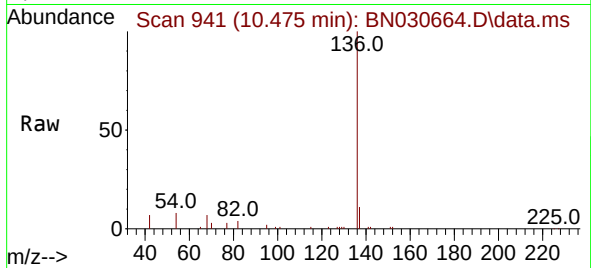




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.475 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

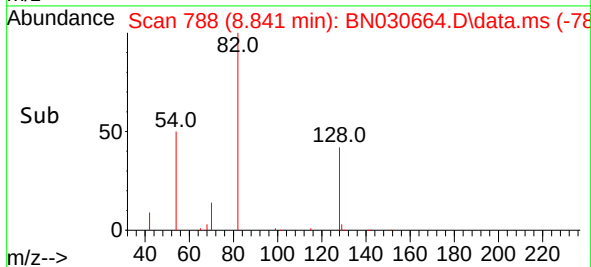
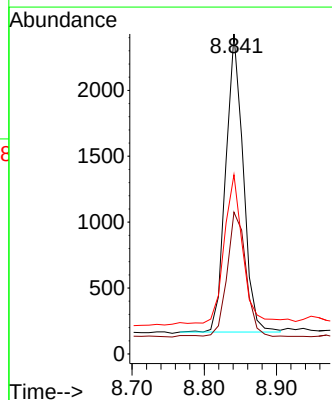
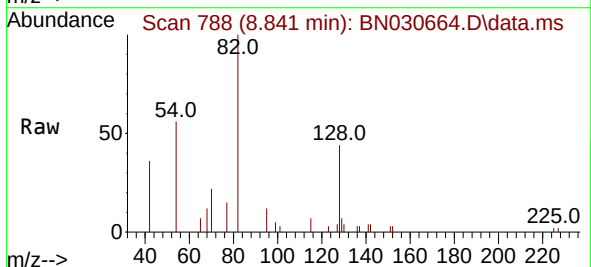
Instrument :
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RSB-02-17-040224

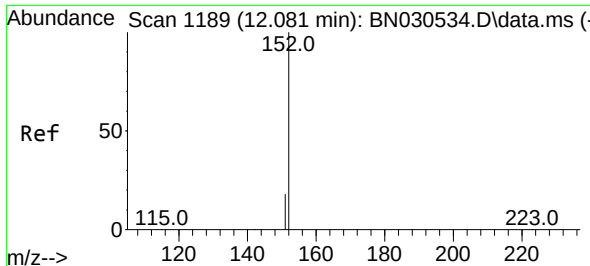
Tgt Ion:	136	Resp:	22254
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	8.0	6.4	9.6
68	7.4	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:	82	Resp:	3791
Ion Ratio	Lower	Upper	
82	100		
128	44.3	32.3	48.5
54	56.0	42.7	64.1

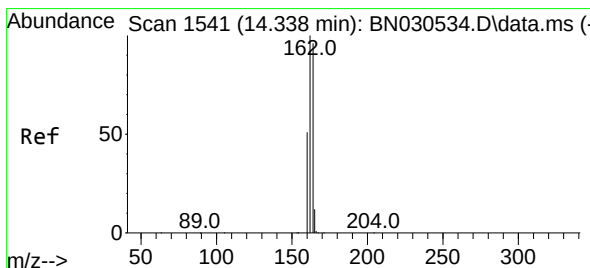
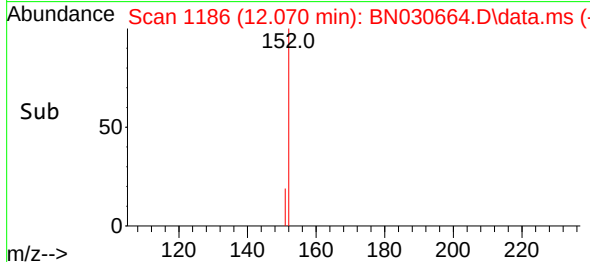
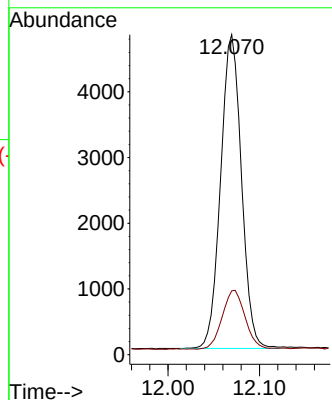
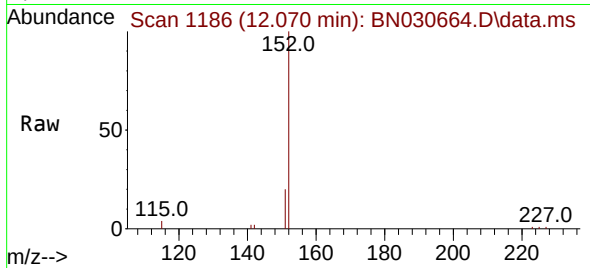




#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.070 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

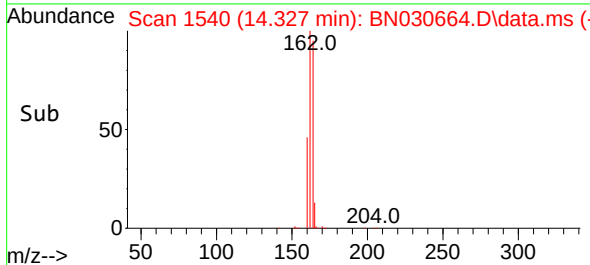
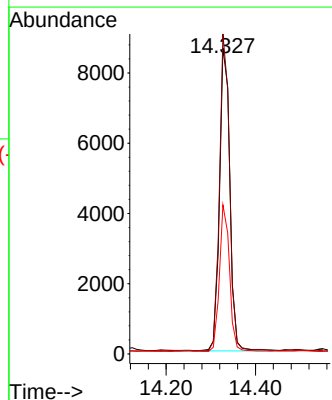
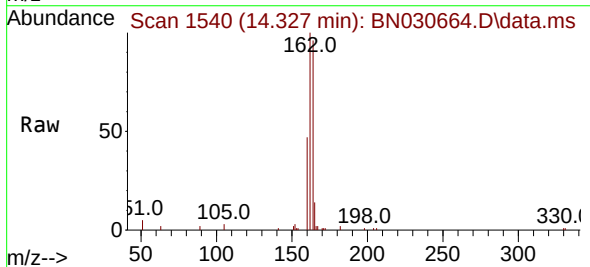
Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

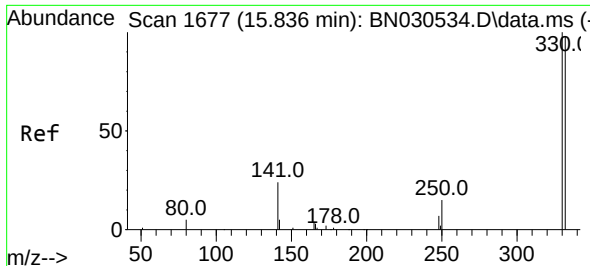
Tgt Ion:152 Resp: 7538
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

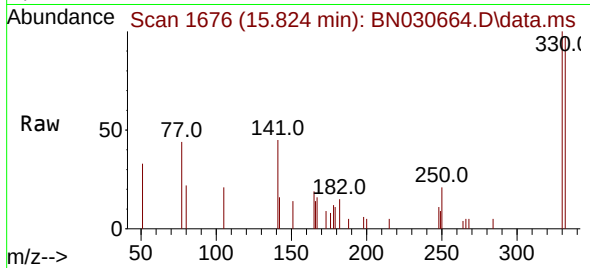
Tgt Ion:164 Resp: 13913
Ion Ratio Lower Upper
164 100
162 104.5 83.5 125.3
160 48.7 42.5 63.7



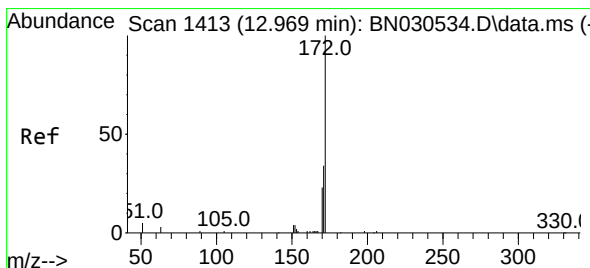
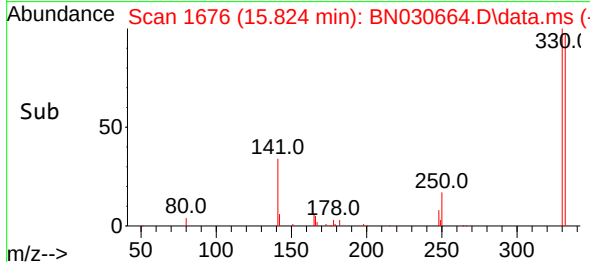
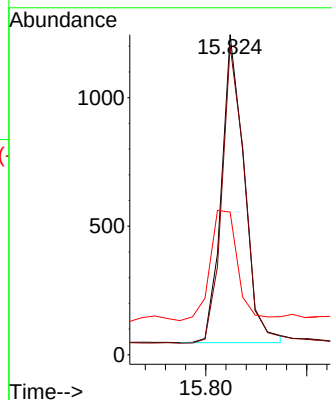


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

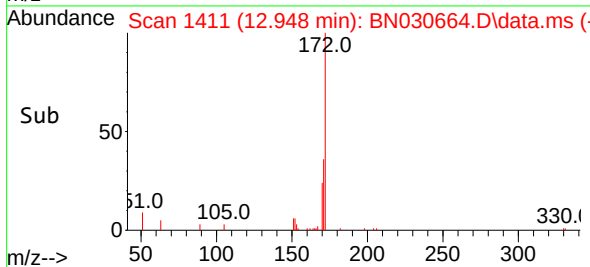
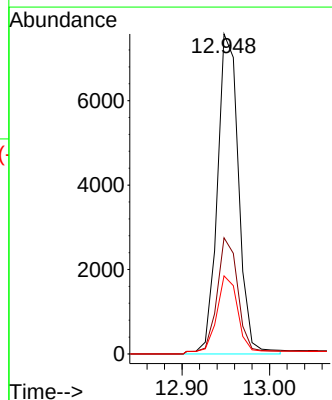
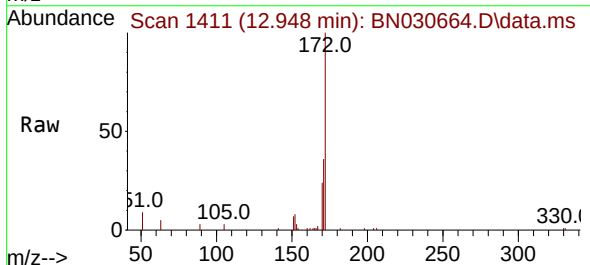


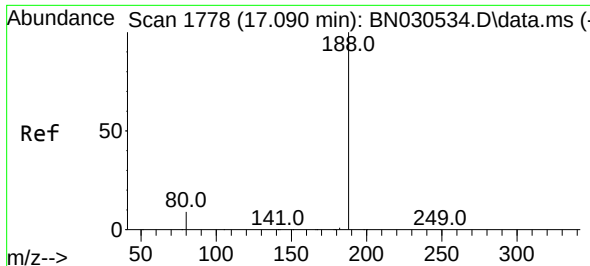
Tgt Ion: 330 Resp: 1867
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 43.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion: 172 Resp: 11426
Ion Ratio Lower Upper
172 100
171 36.3 27.1 40.7
170 24.4 18.3 27.5

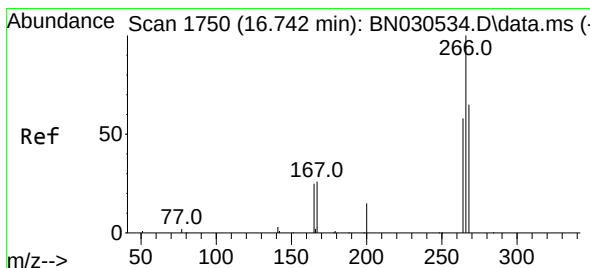
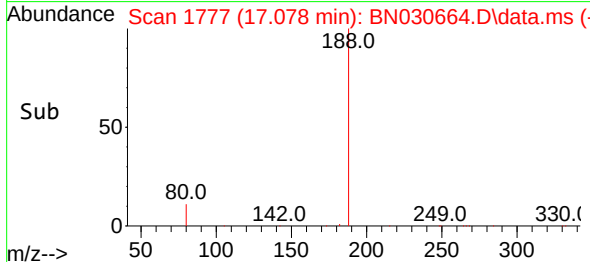
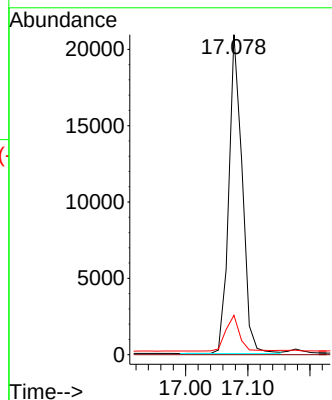
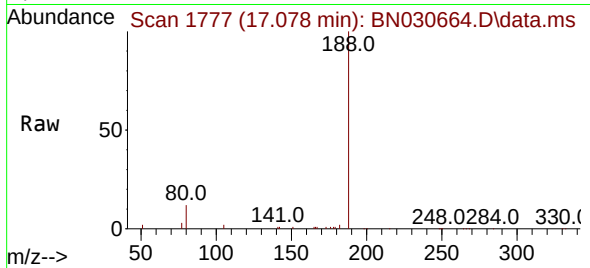




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

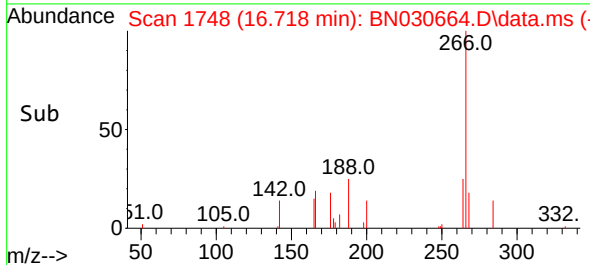
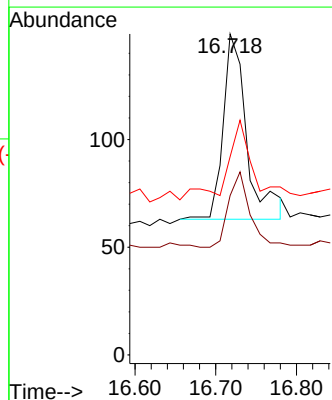
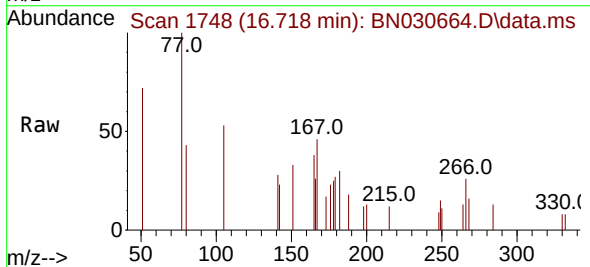
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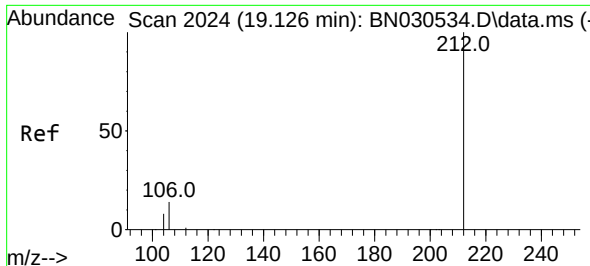
Tgt Ion:188 Resp: 31114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.0#



#24
Pentachlorophenol
Concen: 0.191 ng
RT: 16.718 min Scan# 1748
Delta R.T. -0.024 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:266 Resp: 175
Ion Ratio Lower Upper
266 100
264 36.0 48.7 73.1#
268 42.9 49.5 74.3#

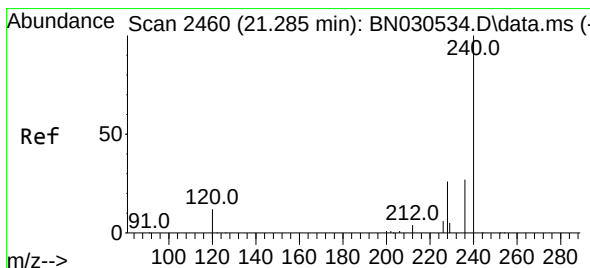
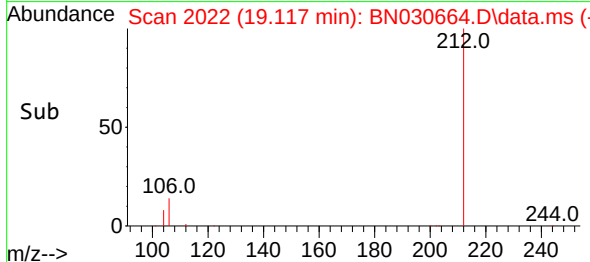
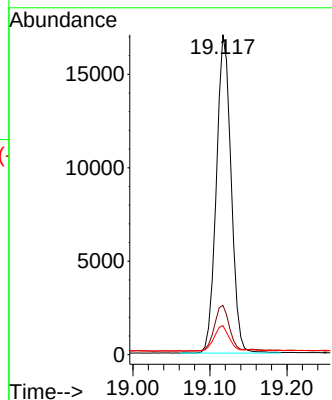
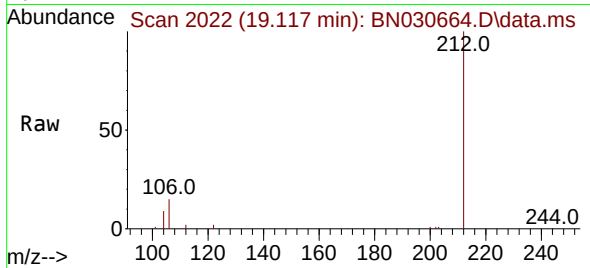




#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.117 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

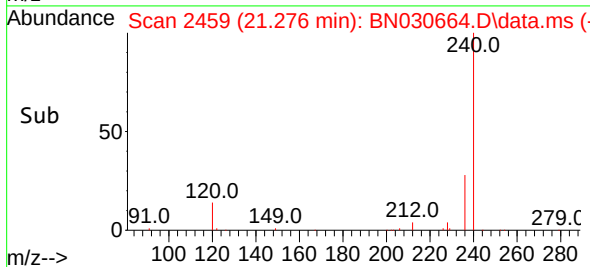
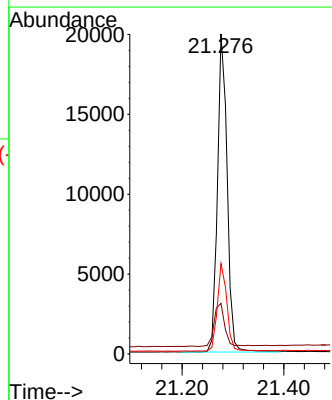
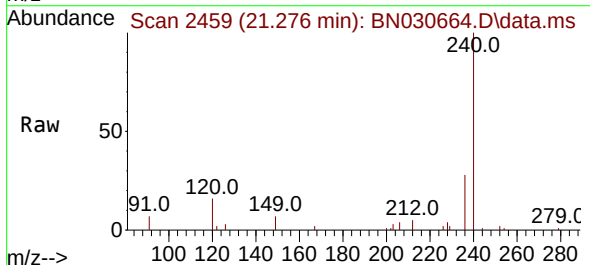
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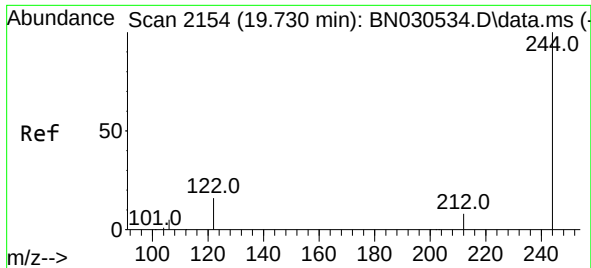
Tgt Ion:212 Resp: 22629
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:240 Resp: 26367
Ion Ratio Lower Upper
240 100
120 15.8 10.6 15.8
236 28.3 22.1 33.1

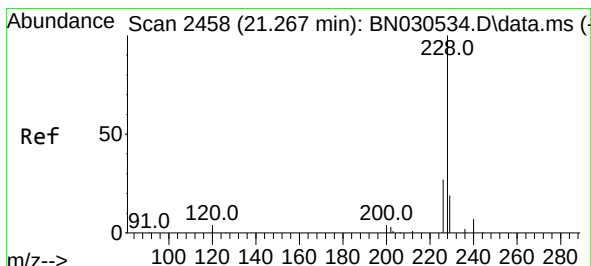
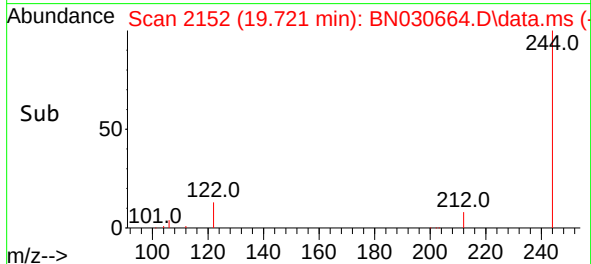
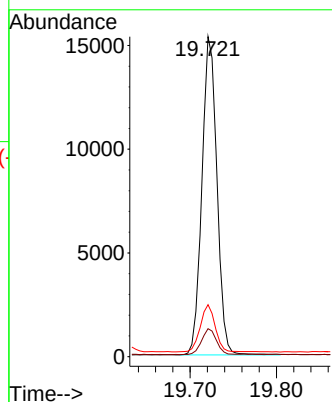
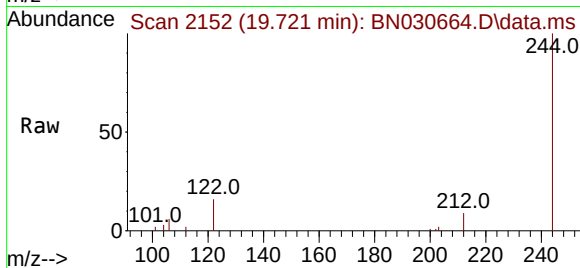




#31
 Terphenyl-d14
 Concen: 0.304 ng
 RT: 19.721 min Scan# 2154
 Delta R.T. -0.009 min
 Lab File: BN030664.D
 Acq: 04 Apr 2024 17:04

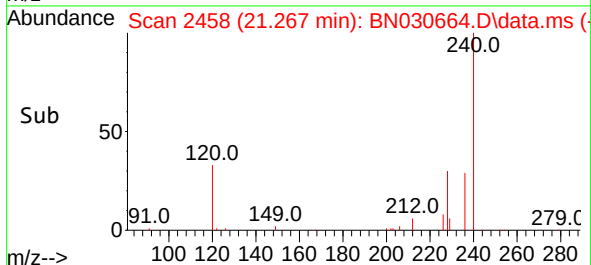
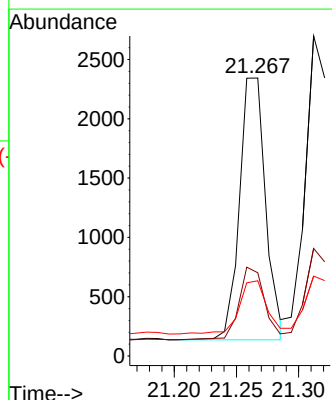
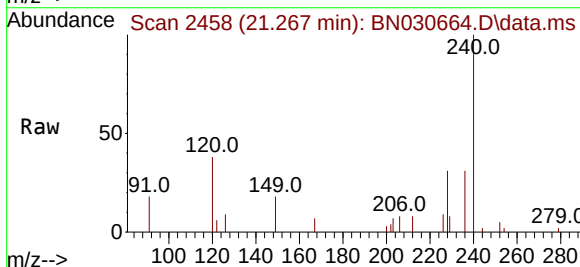
Instrument :
 BNA_N
 ClientSampleId :
 RSB-02-17-040224

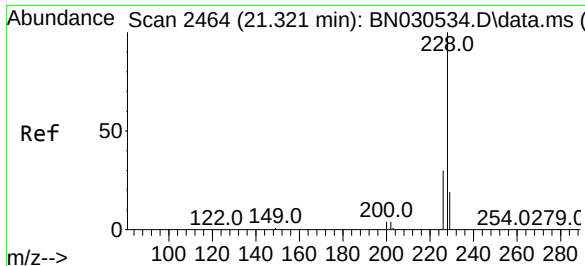
Tgt Ion:244 Resp: 18534
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 16.3 12.7 19.1



#32
 Benzo(a)anthracene
 Concen: 0.035 ng
 RT: 21.267 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BN030664.D
 Acq: 04 Apr 2024 17:04

Tgt Ion:228 Resp: 3232
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.8 32.8
 229 27.0 15.4 23.2#





#33

Chrysene

Concen: 0.035 ng

RT: 21.312 min Scan# 2463

Delta R.T. -0.009 min

Lab File: BN030664.D

Acq: 04 Apr 2024 17:04

Instrument :

BNA_N

ClientSampleId :

RSB-02-17-040224

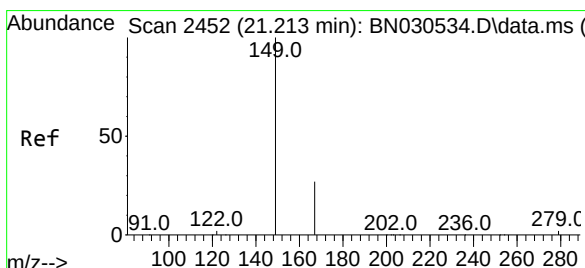
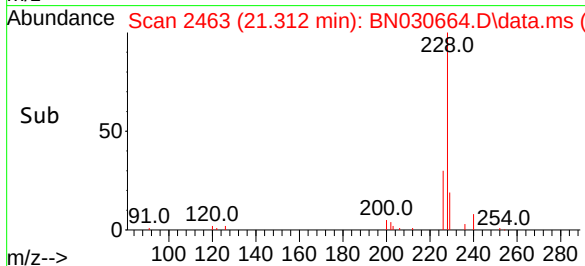
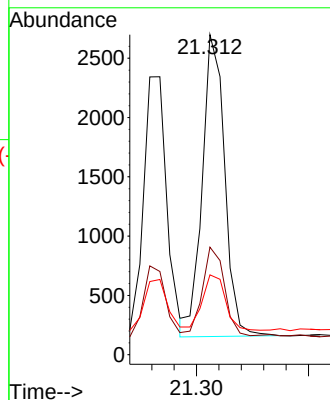
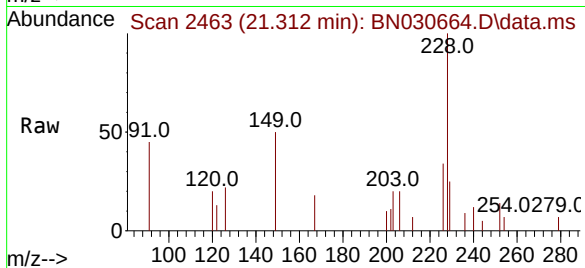
Tgt Ion:228 Resp: 3528

Ion Ratio Lower Upper

228 100

226 33.6 24.3 36.5

229 24.9 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.215 ng

RT: 21.204 min Scan# 2451

Delta R.T. -0.009 min

Lab File: BN030664.D

Acq: 04 Apr 2024 17:04

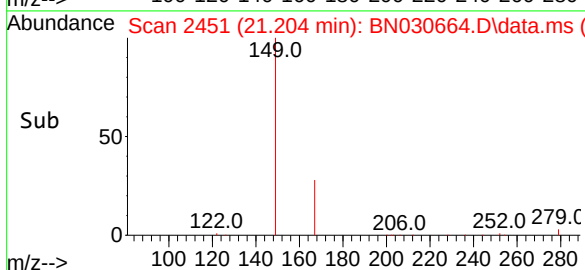
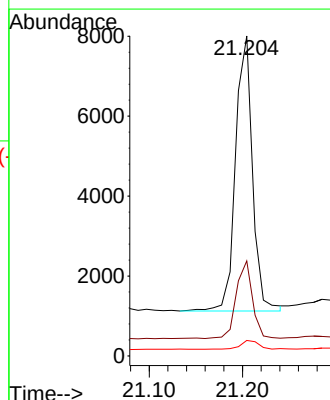
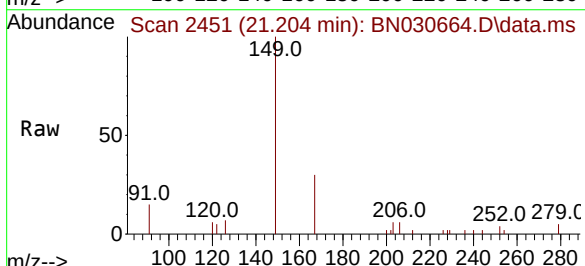
Tgt Ion:149 Resp: 8720

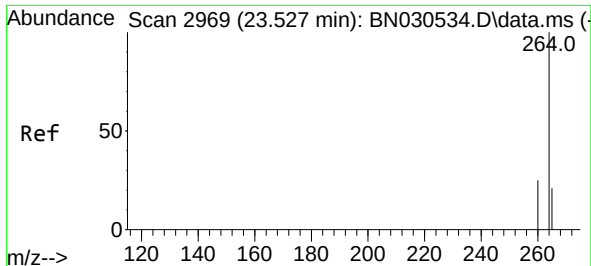
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.6 2.3 3.5#

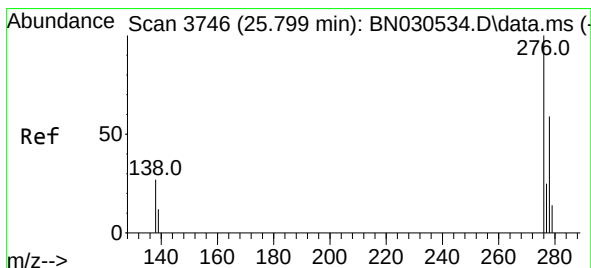
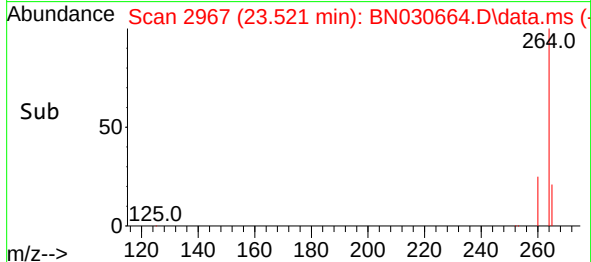
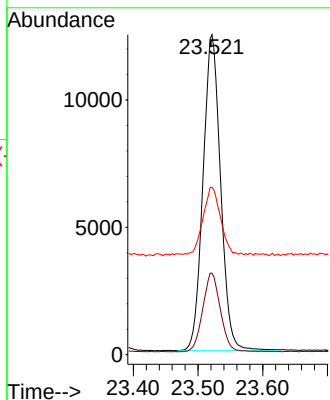
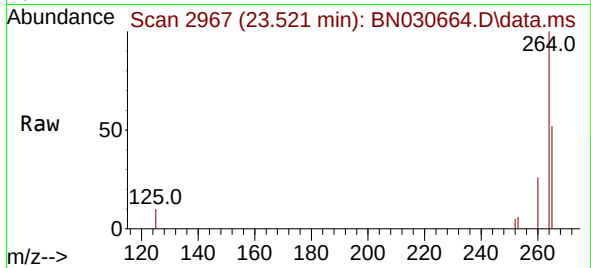




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.521 min Scan# 2967
Delta R.T. -0.006 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

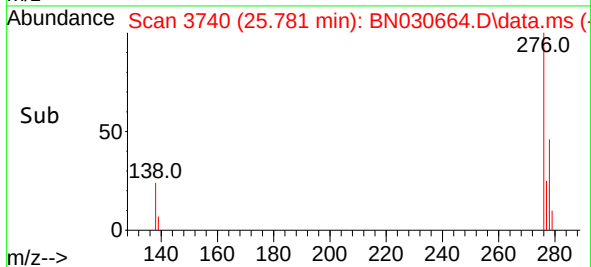
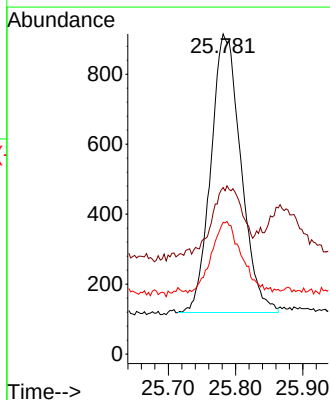
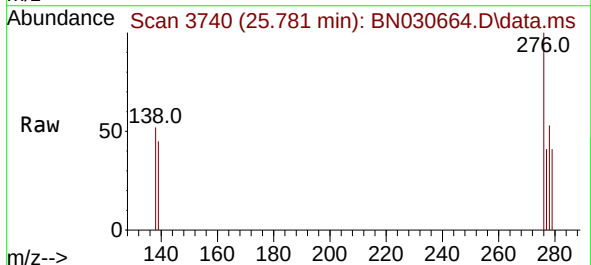
Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

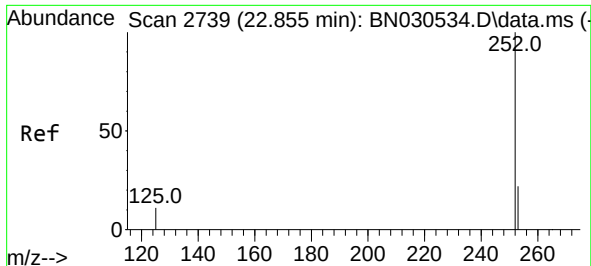
Tgt Ion:	264	Resp:	23386
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.6	30.8
265	52.4	41.8	62.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.781 min Scan# 3740
Delta R.T. -0.018 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:	276	Resp:	2468
Ion Ratio	Lower	Upper	
276	100		
138	24.0	23.0	34.4
277	25.5	20.1	30.1





#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.846 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN030664.D

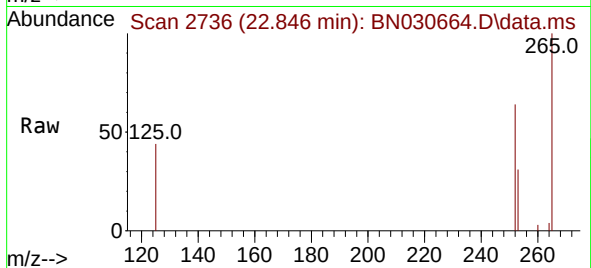
Acq: 04 Apr 2024 17:04

Instrument :

BNA_N

ClientSampleId :

RSB-02-17-040224



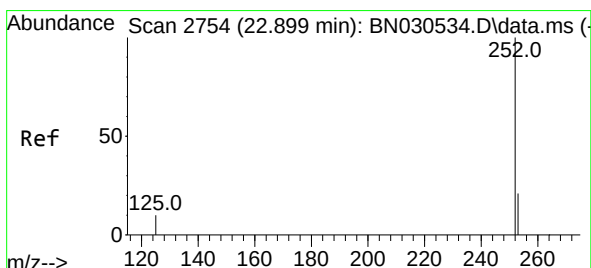
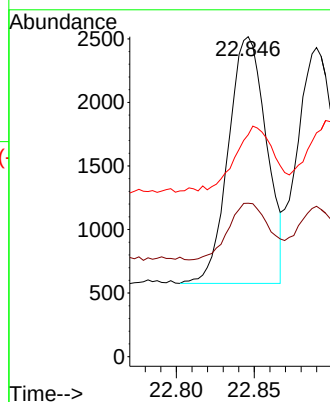
Tgt Ion:252 Resp: 3302

Ion Ratio Lower Upper

252 100

253 48.0 19.2 28.8#

125 69.3 11.7 17.5#



#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 22.890 min Scan# 2751

Delta R.T. -0.009 min

Lab File: BN030664.D

Acq: 04 Apr 2024 17:04

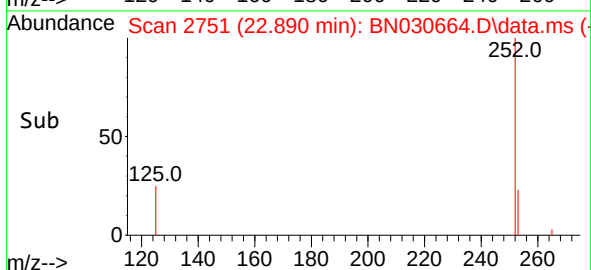
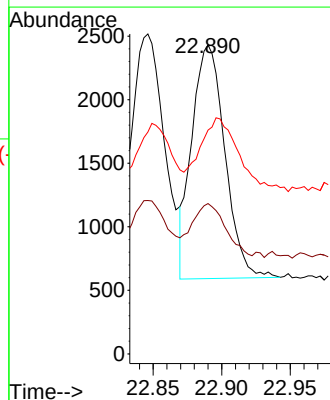
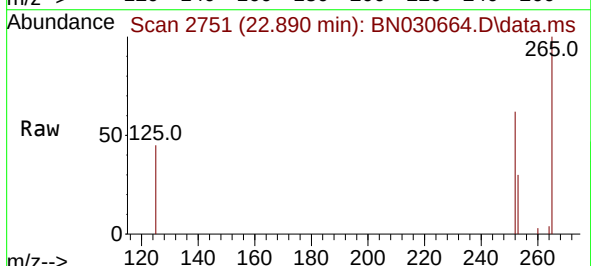
Tgt Ion:252 Resp: 3078

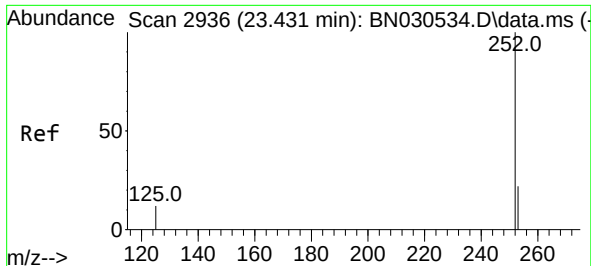
Ion Ratio Lower Upper

252 100

253 48.7 18.9 28.3#

125 72.4 11.5 17.3#





#39

Benzo(a)pyrene

Concen: 0.030 ng

RT: 23.422 min Scan# 2933

Delta R.T. -0.009 min

Lab File: BN030664.D

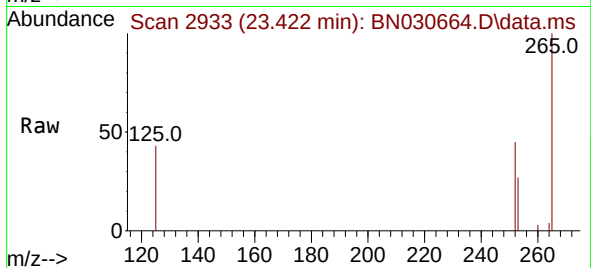
Acq: 04 Apr 2024 17:04

Instrument :

BNA_N

ClientSampleId :

RSB-02-17-040224



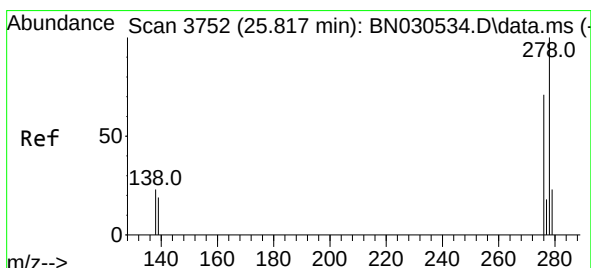
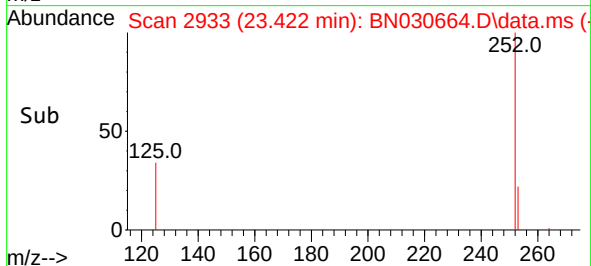
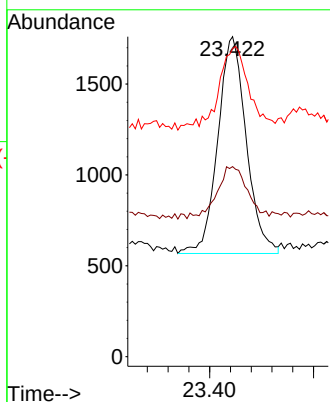
Tgt Ion:252 Resp: 2270

Ion Ratio Lower Upper

252 100

253 59.4 20.0 30.0#

125 96.3 14.3 21.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.024 ng

RT: 25.808 min Scan# 3749

Delta R.T. -0.009 min

Lab File: BN030664.D

Acq: 04 Apr 2024 17:04

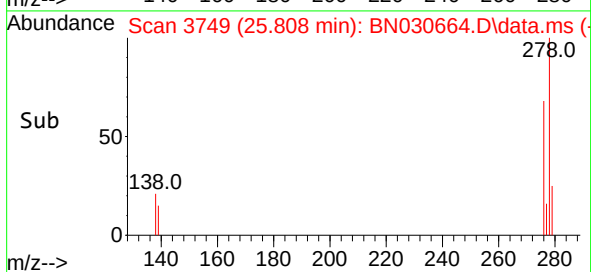
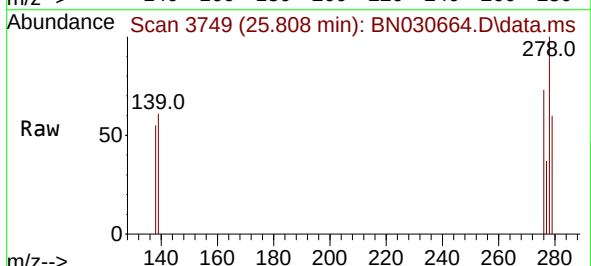
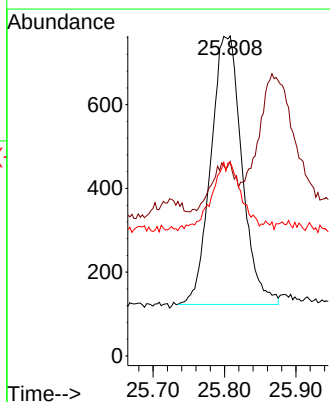
Tgt Ion:278 Resp: 1939

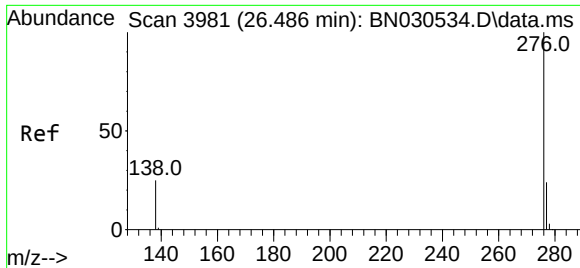
Ion Ratio Lower Upper

278 100

139 60.7 16.2 24.2#

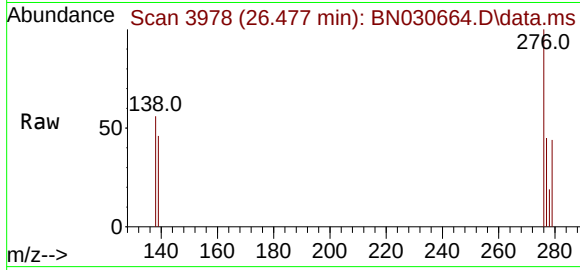
279 60.5 20.6 30.8#





#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.477 min Scan# 3981
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224



Tgt Ion:276 Resp: 1860
Ion Ratio Lower Upper
276 100
277 45.1 19.8 29.6#
138 56.2 20.6 31.0#

