

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033450.D
 Acq On : 17 Aug 2024 03:37
 Operator : MA/JU
 Sample : P3580-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 926-K1-SD-0.5-1-081224

Quant Time: Aug 17 04:22:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

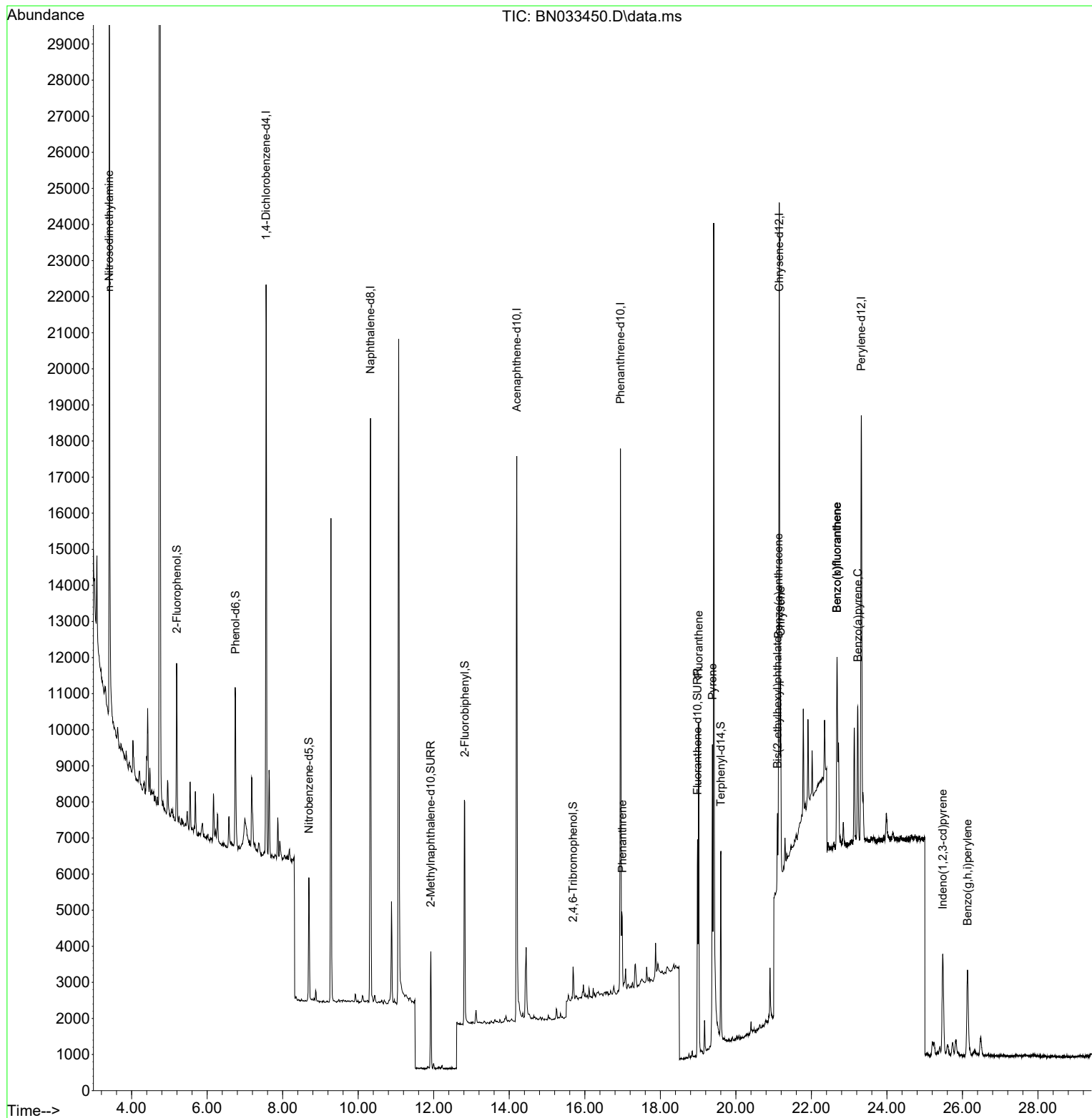
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7476	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20630	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10166	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19833	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	14551	0.400	ng	0.00
35) Perylene-d12	23.320	264	15421	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3270	0.158	ng	0.00
5) Phenol-d6	6.751	99	3936	0.141	ng	0.00
8) Nitrobenzene-d5	8.692	82	2598	0.167	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	4233	0.133	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	585	0.112	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	5950	0.143	ng	0.00
27) Fluoranthene-d10	18.984	212	6298	0.119	ng	0.00
31) Terphenyl-d14	19.602	244	4794	0.174	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.407	42	3257	0.304	ng	# 1
25) Phenanthrene	16.991	178	2411	0.042	ng	97
28) Fluoranthene	19.017	202	8327	0.118	ng	99
30) Pyrene	19.379	202	7124	0.123	ng	# 95
32) Benzo(a)anthracene	21.131	228	4029	0.074	ng	96
33) Chrysene	21.184	228	4805	0.088	ng	95
34) Bis(2-ethylhexyl)phtha...	21.104	149	2129	0.086	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.478	276	4299	0.067	ng	93
37) Benzo(b)fluoranthene	22.677	252	8182	0.141	ng	# 65
38) Benzo(k)fluoranthene	22.677	252	8182	0.138	ng	# 65
39) Benzo(a)pyrene	23.227	252	5081	0.104	ng	# 55
41) Benzo(g,h,i)perylene	26.133	276	4601	0.082	ng	# 85

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

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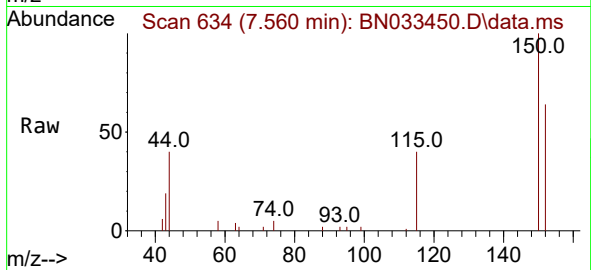
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



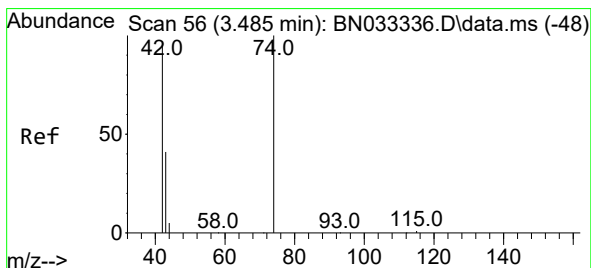
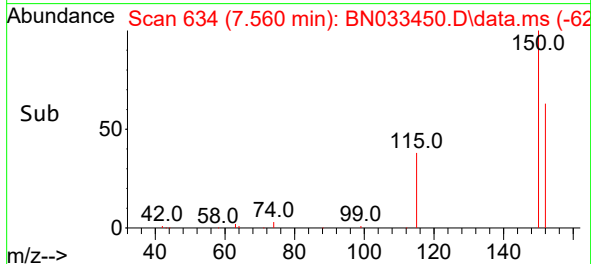
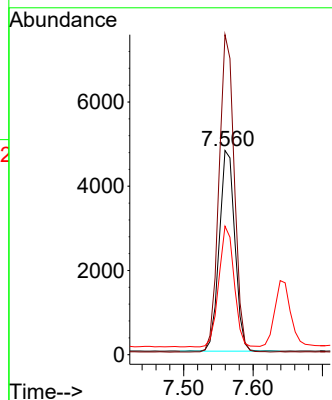


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.560 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

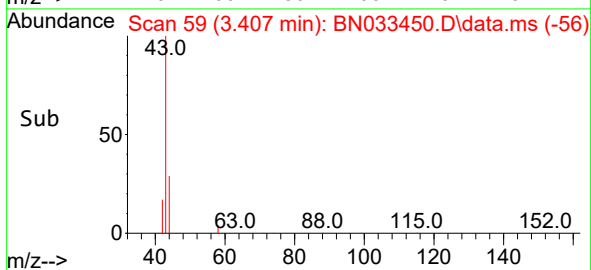
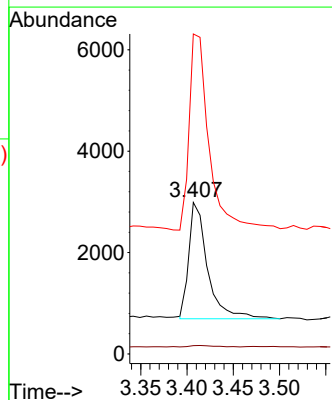
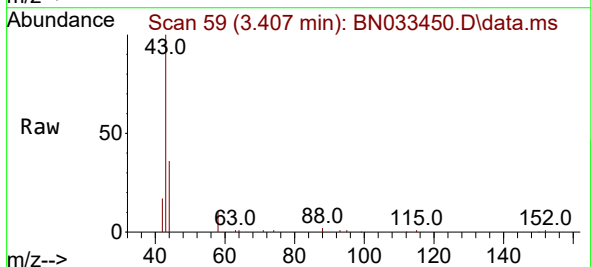


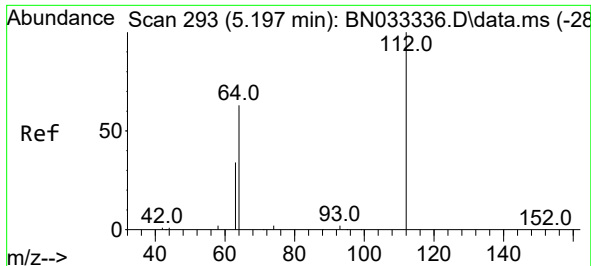
Tgt Ion:152 Resp: 7476
Ion Ratio Lower Upper
152 100
150 156.7 122.3 183.5
115 62.9 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.304 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.079 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion: 42 Resp: 3257
Ion Ratio Lower Upper
42 100
74 1.4 89.0 133.6#
44 178.8 11.0 16.4#

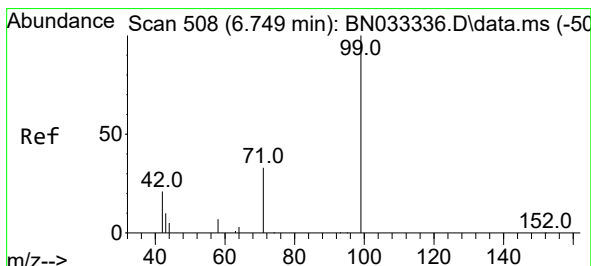
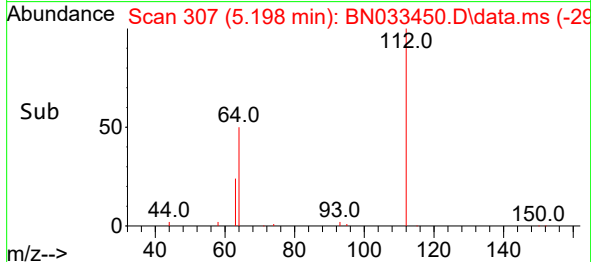
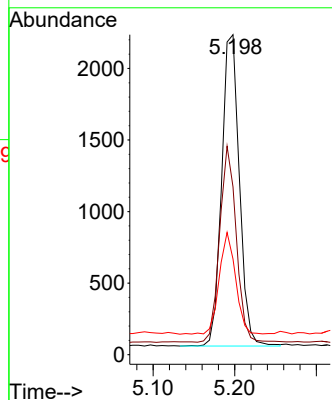
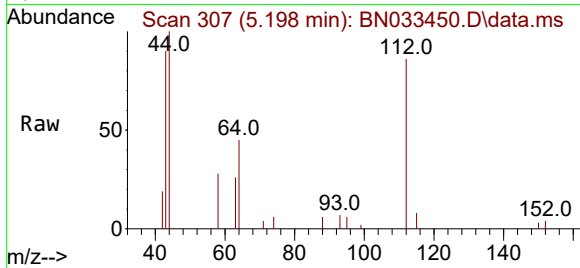




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.198 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

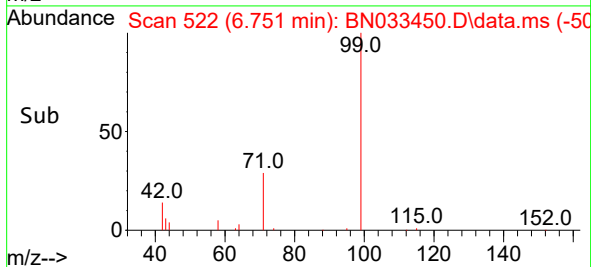
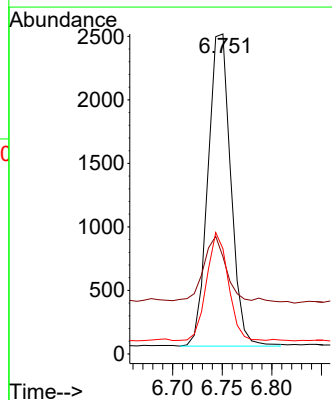
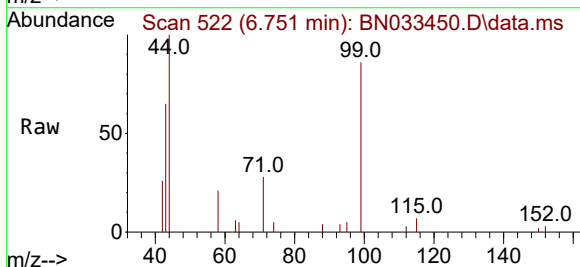
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

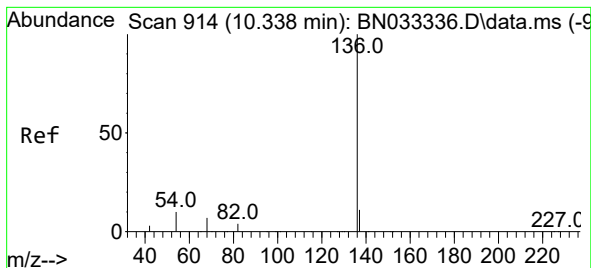
Tgt Ion:112 Resp: 3270
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.2 25.4 38.2



#5
Phenol-d6
Concen: 0.141 ng
RT: 6.751 min Scan# 522
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion: 99 Resp: 3936
Ion Ratio Lower Upper
99 100
42 19.7 18.5 27.7
71 32.8 26.2 39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.325 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN033450.D

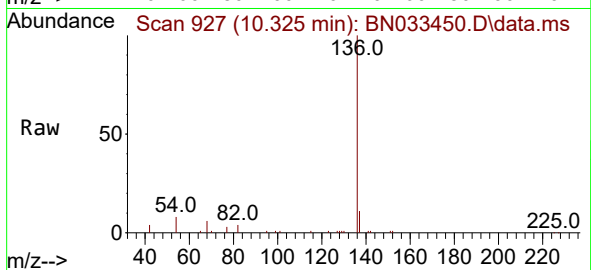
Acq: 17 Aug 2024 03:37

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0.5-1-081224



Tgt Ion:136 Resp: 20630

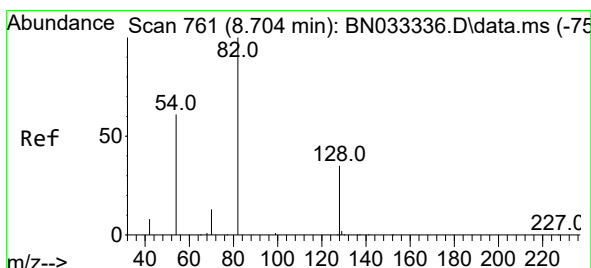
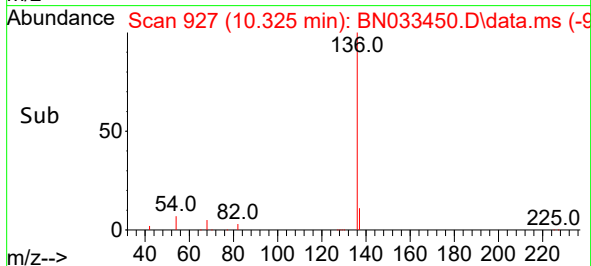
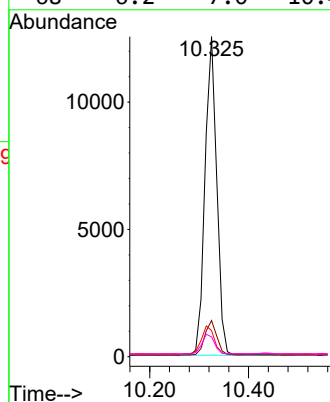
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 9.4 14.0#

68 6.2 7.0 10.4#



#8

Nitrobenzene-d5

Concen: 0.167 ng

RT: 8.692 min Scan# 774

Delta R.T. -0.011 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

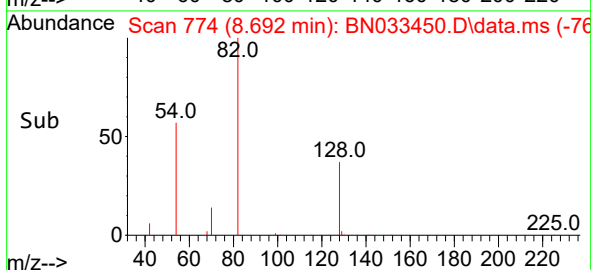
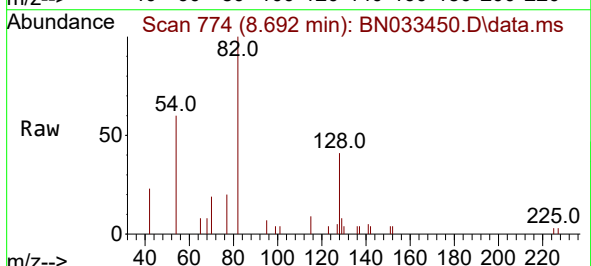
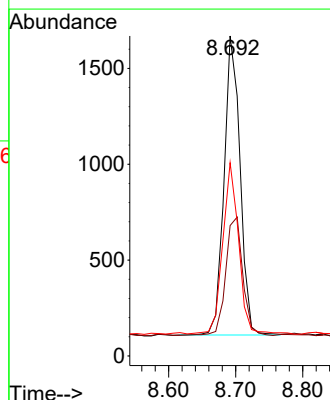
Tgt Ion: 82 Resp: 2598

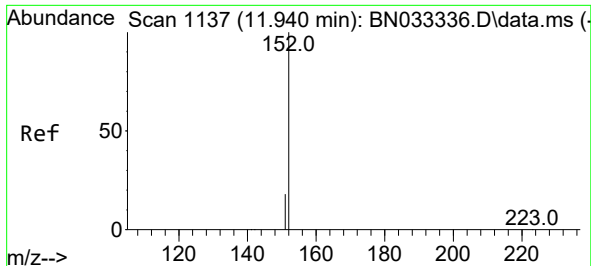
Ion Ratio Lower Upper

82 100

128 40.7 29.0 43.4

54 60.4 50.2 75.4

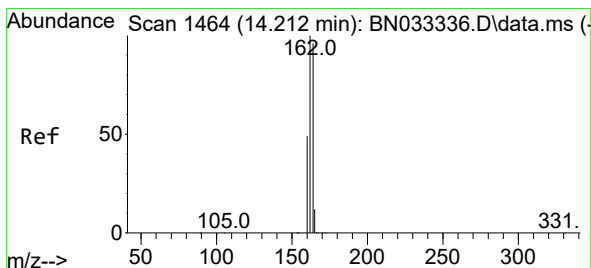
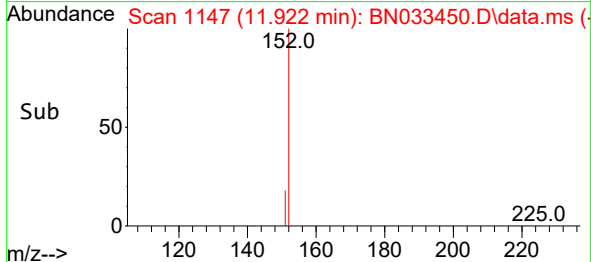
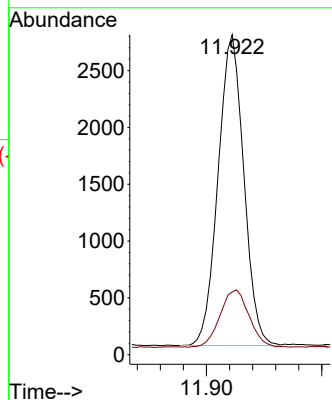
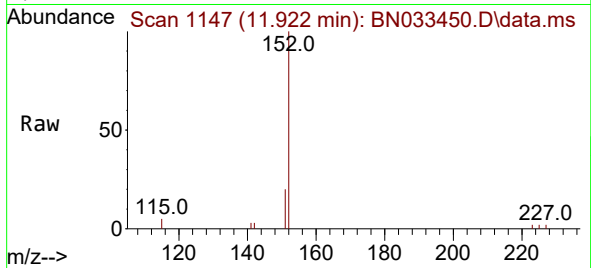




#11
2-Methylnaphthalene-d10
Concen: 0.133 ng
RT: 11.922 min Scan# 1137
Delta R.T. -0.007 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

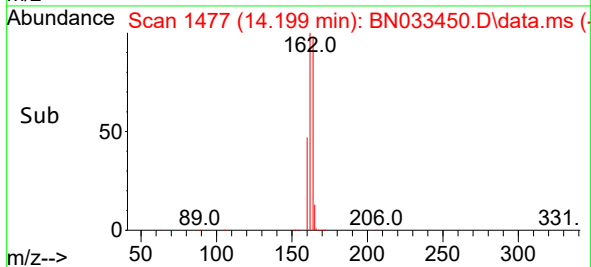
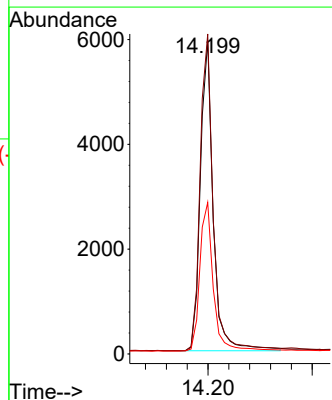
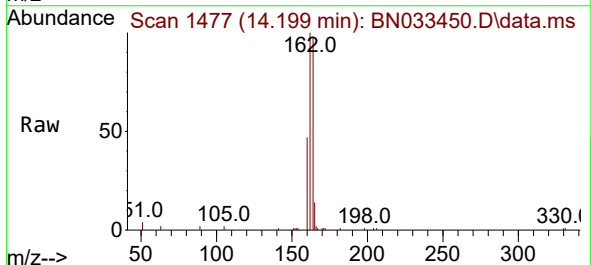
Instrument :
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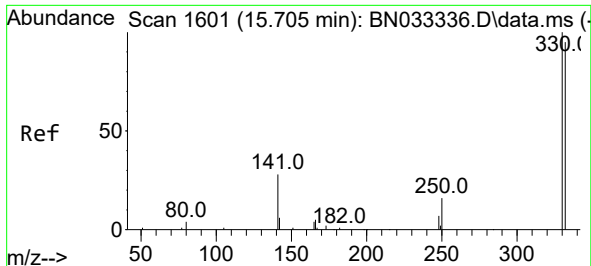
Tgt Ion:152 Resp: 4233
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:164 Resp: 10166
Ion Ratio Lower Upper
164 100
162 102.2 83.1 124.7
160 48.4 41.1 61.7

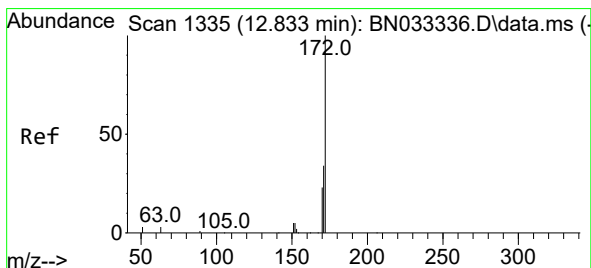
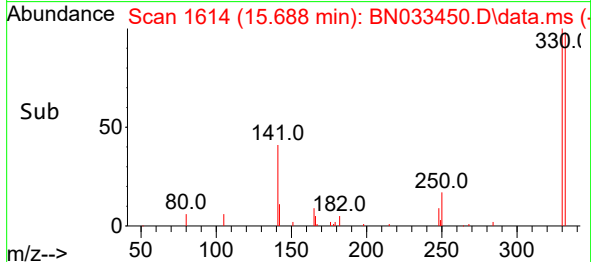
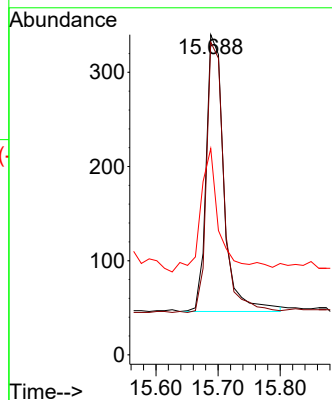
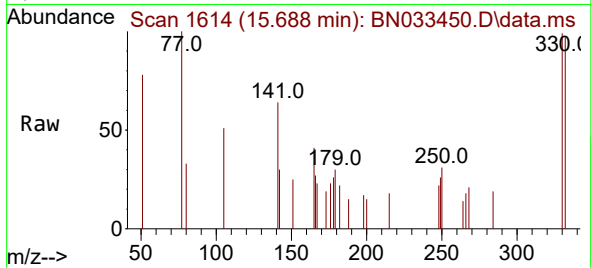




#14
2,4,6-Tribromophenol
Concen: 0.112 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

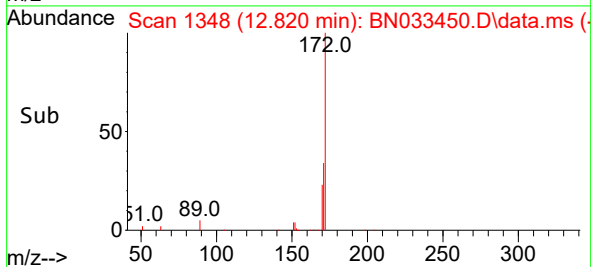
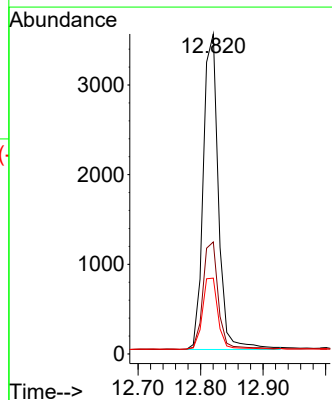
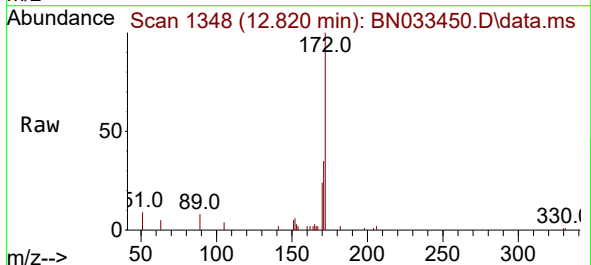
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

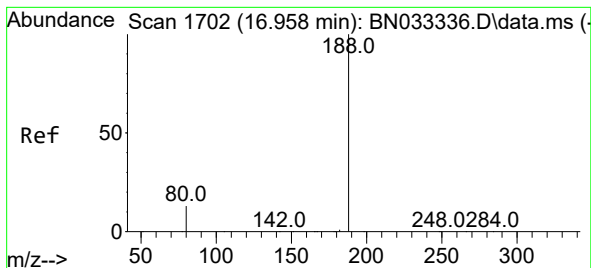
Tgt Ion:330 Resp: 585
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 48.5 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.143 ng
RT: 12.820 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:172 Resp: 5950
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.7 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0.5-1-081224

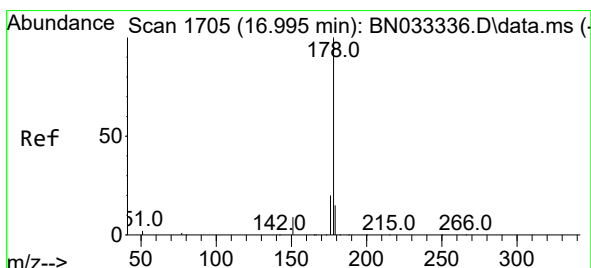
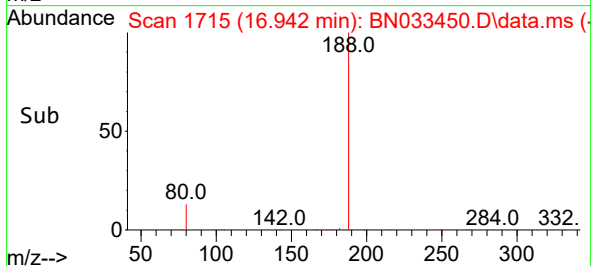
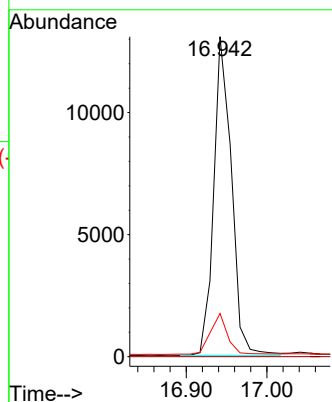
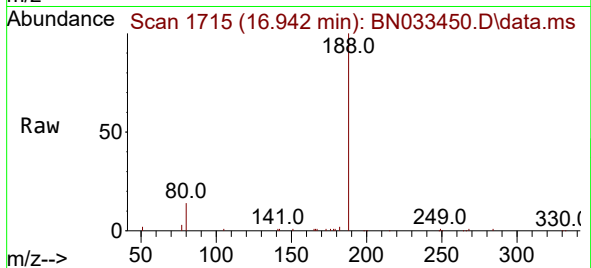
Tgt Ion:188 Resp: 19833

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 10.7 16.1



#25

Phenanthrene

Concen: 0.042 ng

RT: 16.991 min Scan# 1719

Delta R.T. 0.000 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

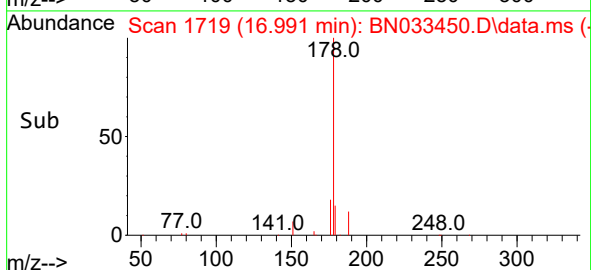
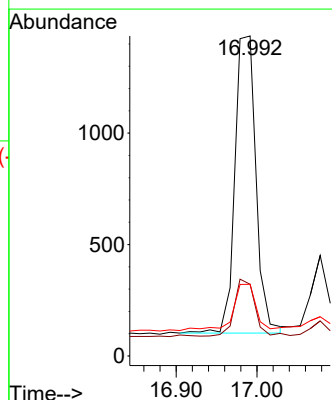
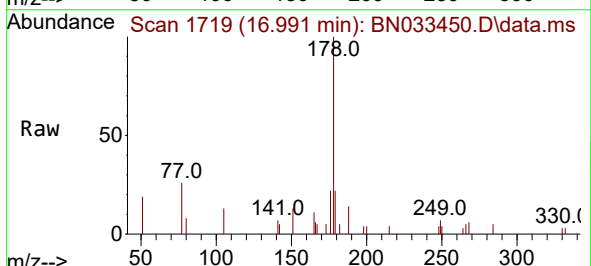
Tgt Ion:178 Resp: 2411

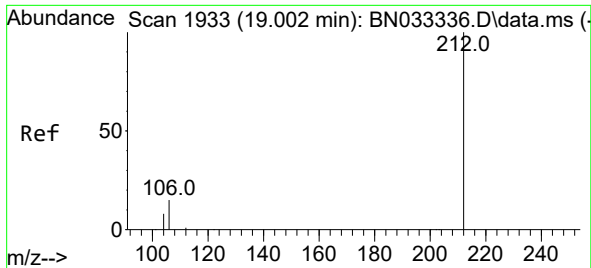
Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

179 16.8 12.2 18.2

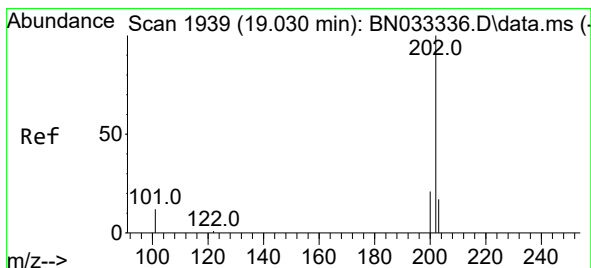
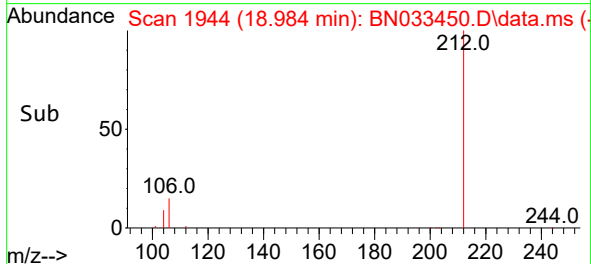
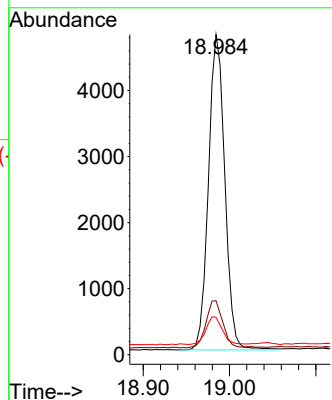
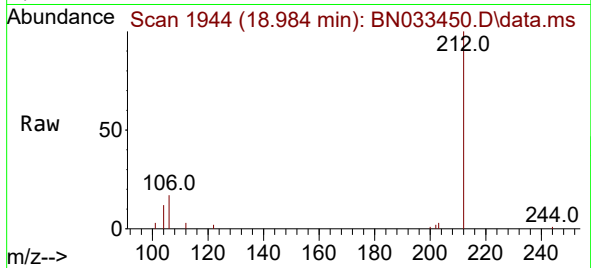




#27
Fluoranthene-d10
Concen: 0.119 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

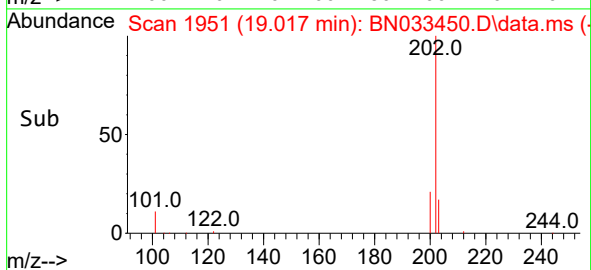
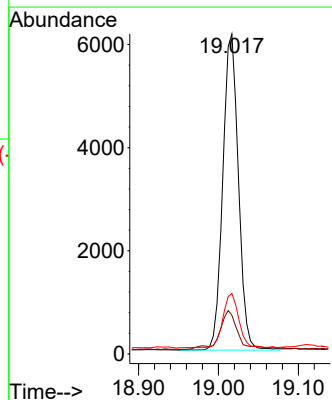
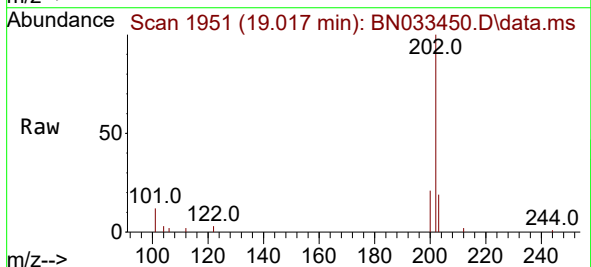
Instrument :
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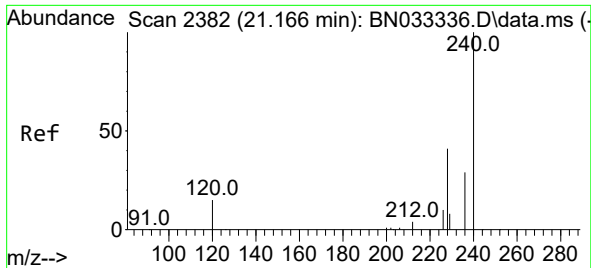
Tgt Ion:212 Resp: 6298
Ion Ratio Lower Upper
212 100
106 15.2 12.8 19.2
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.118 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:202 Resp: 8327
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
203 17.2 13.8 20.6

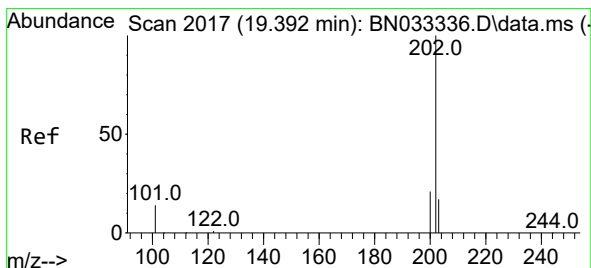
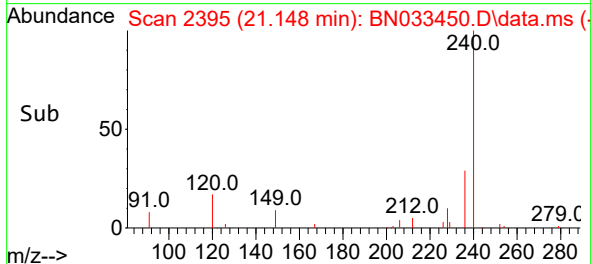
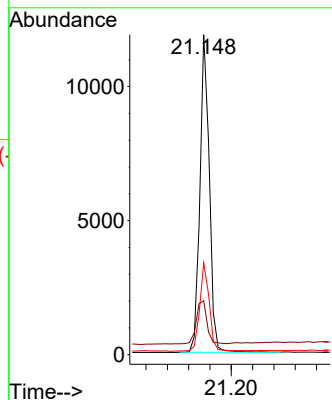
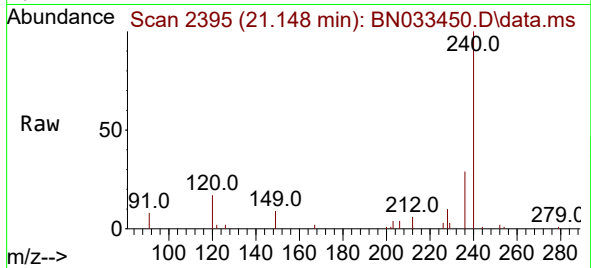




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

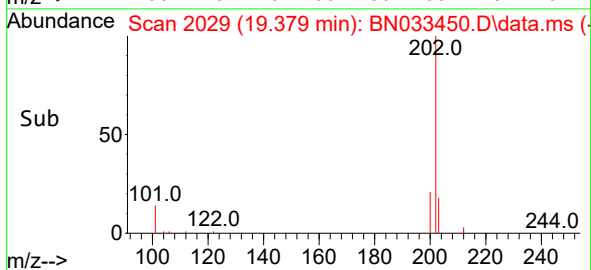
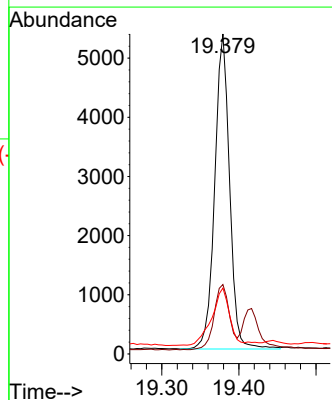
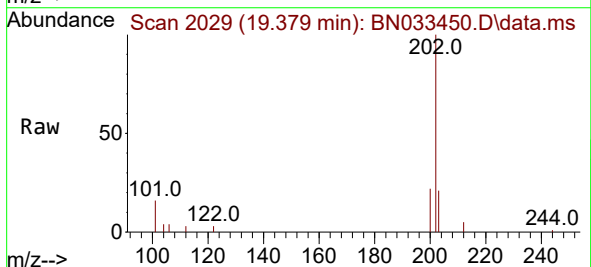
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

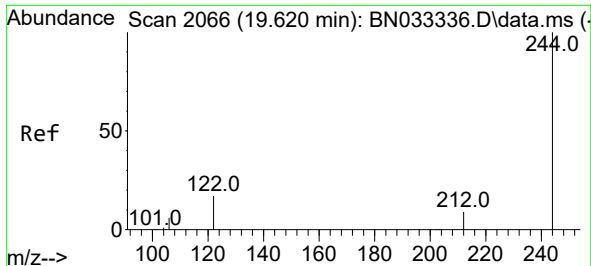
Tgt Ion:240 Resp: 14551
Ion Ratio Lower Upper
240 100
120 16.9 13.0 19.6
236 28.7 23.2 34.8



#30
Pyrene
Concen: 0.123 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:202 Resp: 7124
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 21.9 14.2 21.4#

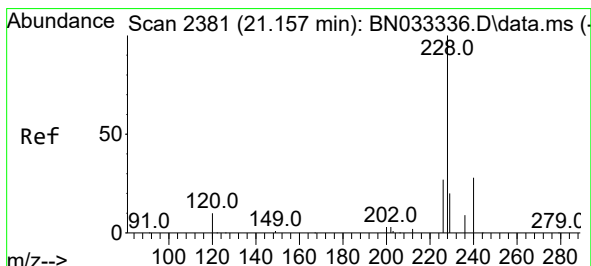
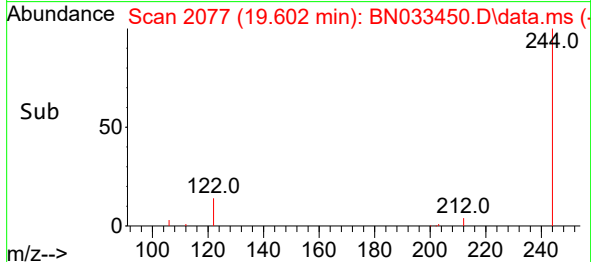
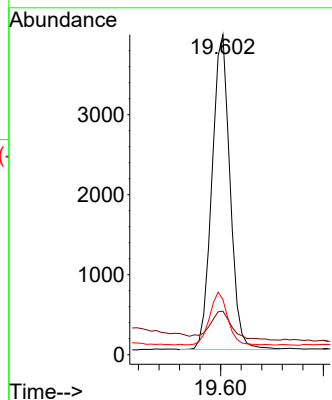
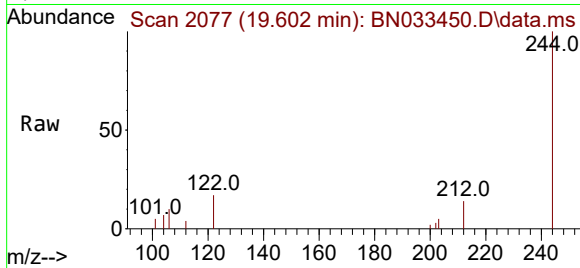




#31
 Terphenyl-d14
 Concen: 0.174 ng
 RT: 19.602 min Scan# 2066
 Delta R.T. -0.005 min
 Lab File: BN033450.D
 Acq: 17 Aug 2024 03:37

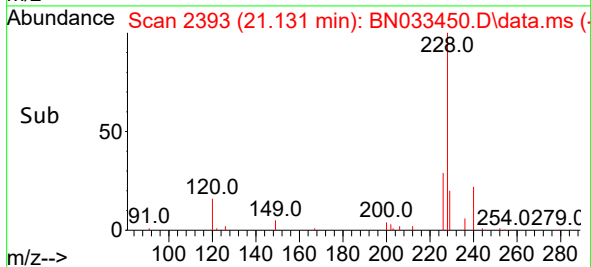
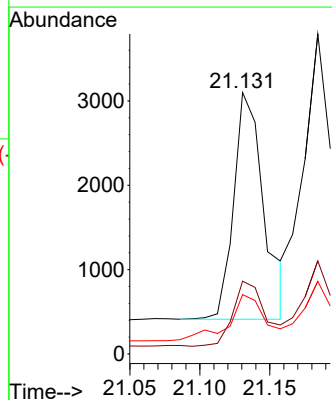
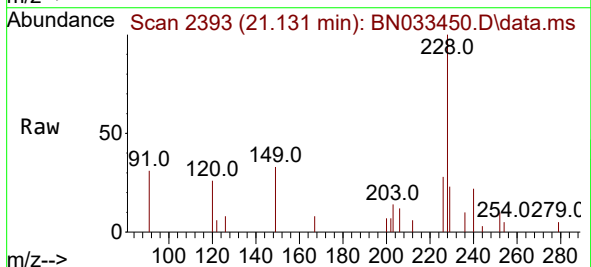
Instrument :
 BNA_N
 ClientSampleId :
 926-K1-SD-0.5-1-081224

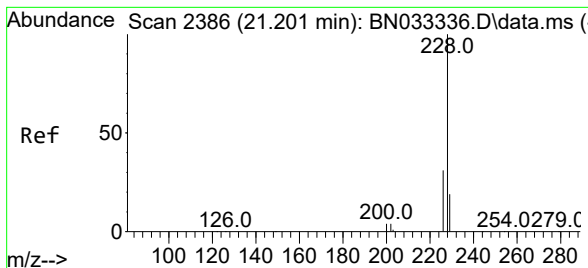
Tgt Ion:244 Resp: 4794
 Ion Ratio Lower Upper
 244 100
 212 13.6 7.7 11.5#
 122 17.2 14.0 21.0



#32
 Benzo(a)anthracene
 Concen: 0.074 ng
 RT: 21.131 min Scan# 2393
 Delta R.T. -0.009 min
 Lab File: BN033450.D
 Acq: 17 Aug 2024 03:37

Tgt Ion:228 Resp: 4029
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.6 32.4
 229 22.7 15.9 23.9





#33

Chrysene

Concen: 0.088 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0.5-1-081224

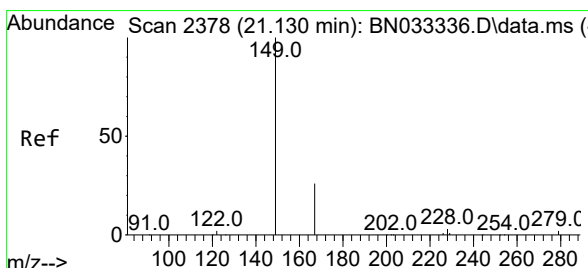
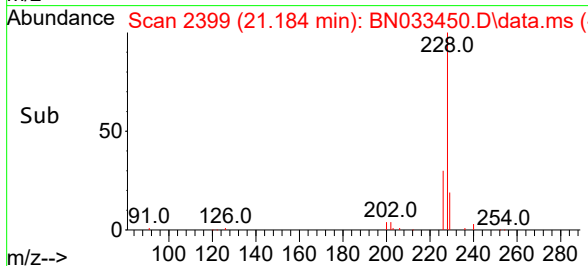
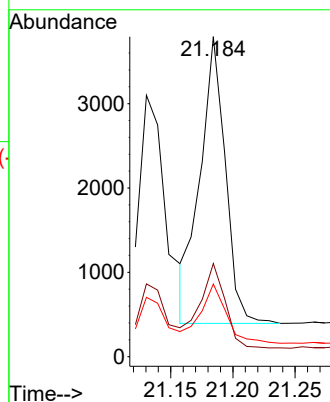
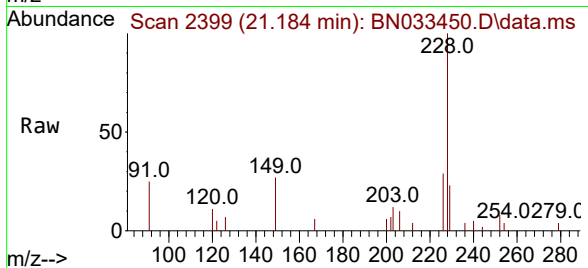
Tgt Ion:228 Resp: 4805

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 22.7 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.104 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033450.D

Acq: 17 Aug 2024 03:37

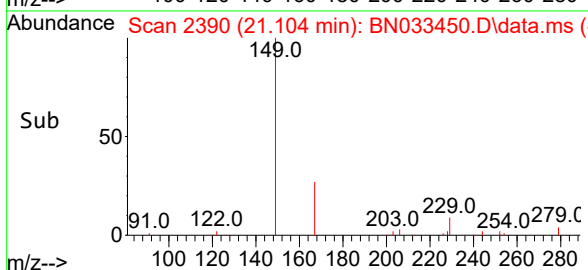
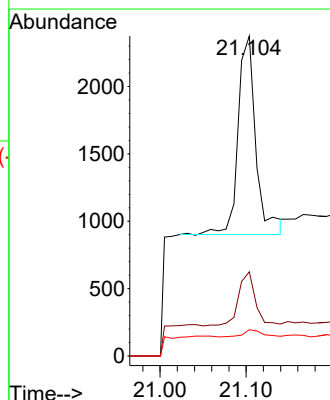
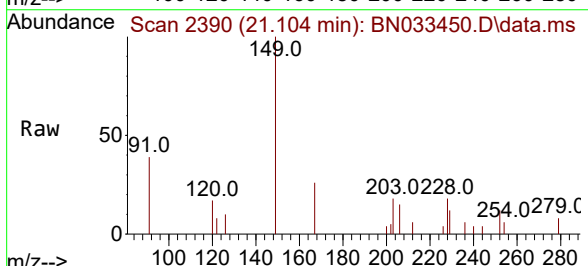
Tgt Ion:149 Resp: 2129

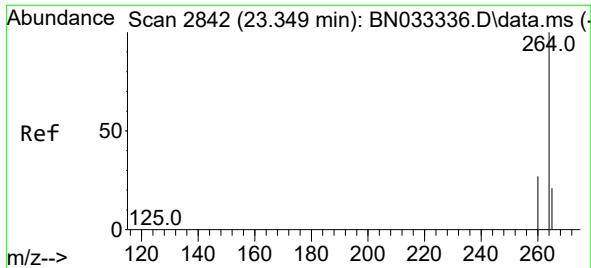
Ion Ratio Lower Upper

149 100

167 26.0 20.9 31.3

279 3.9 2.2 3.4#

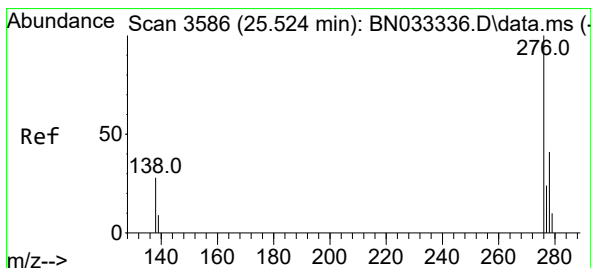
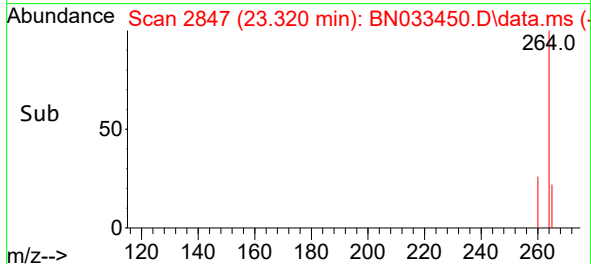
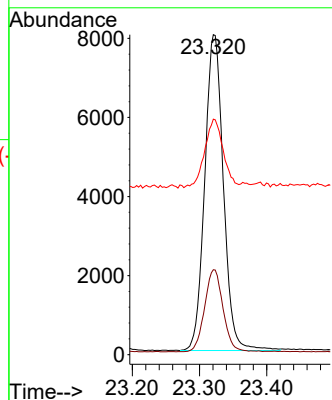
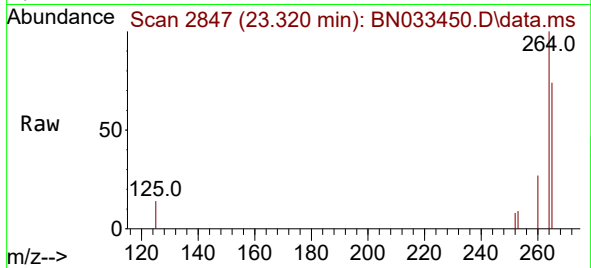




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

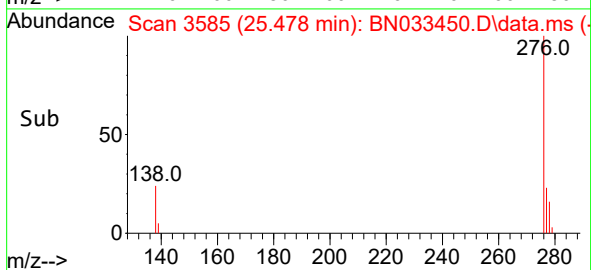
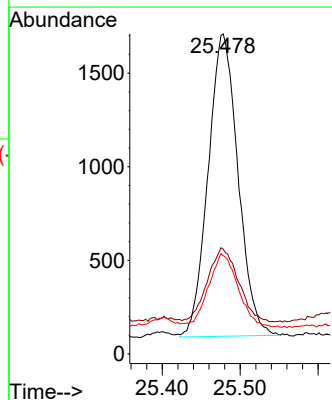
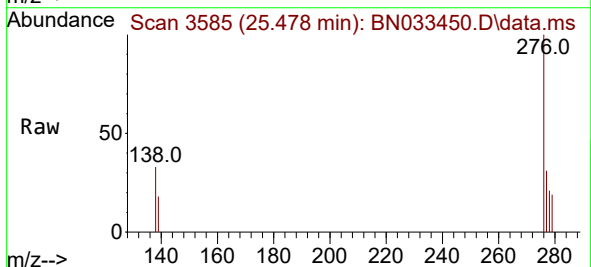
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

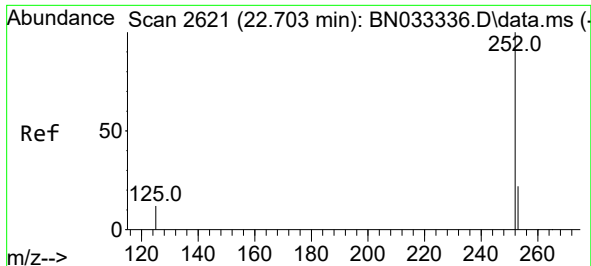
Tgt Ion:264	Resp:	15421
Ion Ratio	Lower	Upper
264	100	
260	26.6	21.6 32.4
265	73.6	29.3 43.9#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.020 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:276	Resp:	4299
Ion Ratio	Lower	Upper
276	100	
138	25.0	24.9 37.3
277	23.5	19.8 29.6

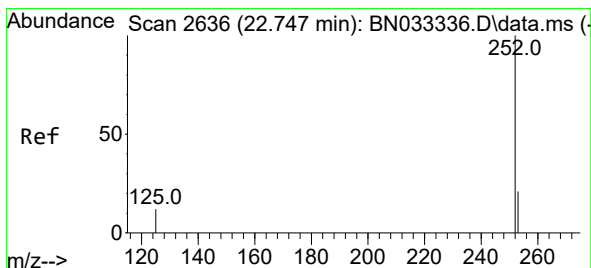
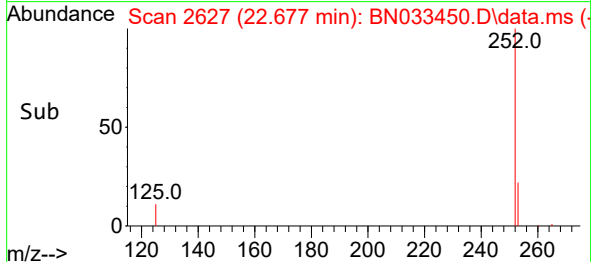
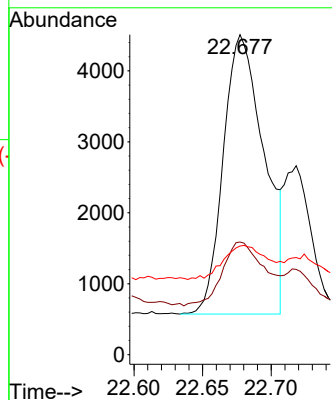
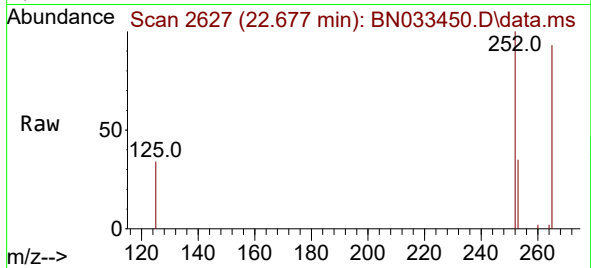




#37
Benzo(b)fluoranthene
Concen: 0.141 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

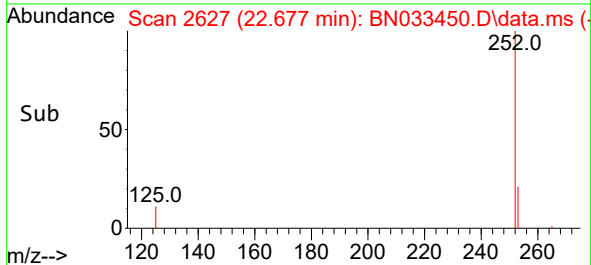
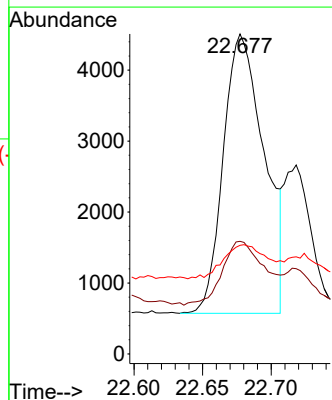
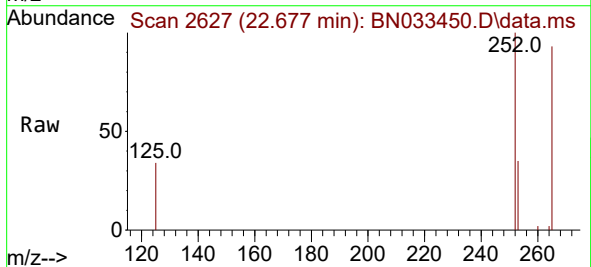
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224

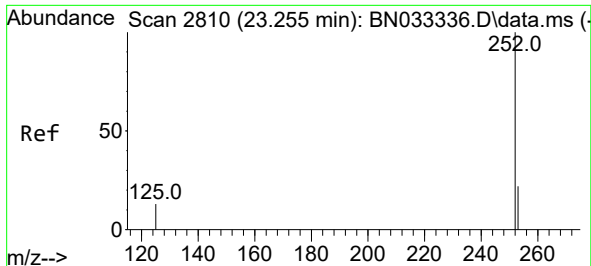
Tgt Ion:252 Resp: 8182
Ion Ratio Lower Upper
252 100
253 35.2 18.2 27.2#
125 33.9 11.3 16.9#



#38
Benzo(k)fluoranthene
Concen: 0.138 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.052 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

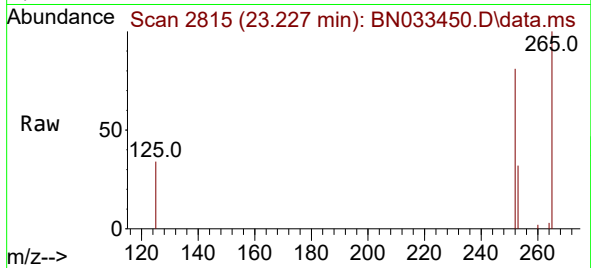
Tgt Ion:252 Resp: 8182
Ion Ratio Lower Upper
252 100
253 35.2 17.9 26.9#
125 33.9 11.3 16.9#



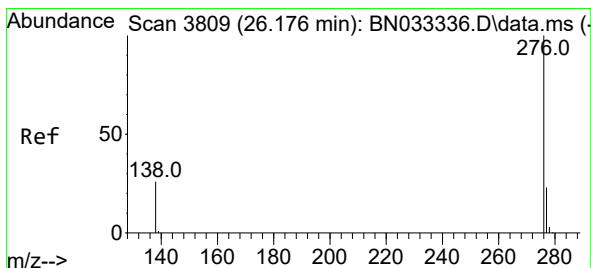
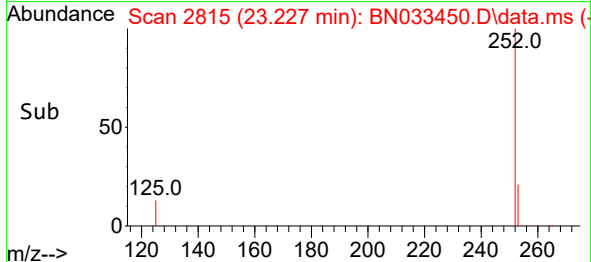
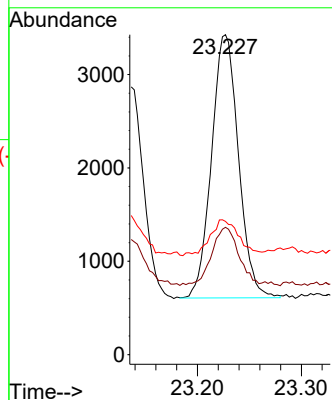


#39
Benzo(a)pyrene
Concen: 0.104 ng
RT: 23.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0.5-1-081224



Tgt Ion:252 Resp: 5081
Ion Ratio Lower Upper
252 100
253 39.8 18.6 28.0#
125 41.6 12.6 19.0#



#41
Benzo(g,h,i)perylene
Concen: 0.082 ng
RT: 26.133 min Scan# 3809
Delta R.T. -0.017 min
Lab File: BN033450.D
Acq: 17 Aug 2024 03:37

Tgt Ion:276 Resp: 4601
Ion Ratio Lower Upper
276 100
277 31.6 19.4 29.2#
138 35.3 21.6 32.4#

