

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033456.D
 Acq On : 17 Aug 2024 07:15
 Operator : MA/JU
 Sample : P3580-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 922-K1-SD-0-0.5-081224

Quant Time: Aug 17 23:20:07 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

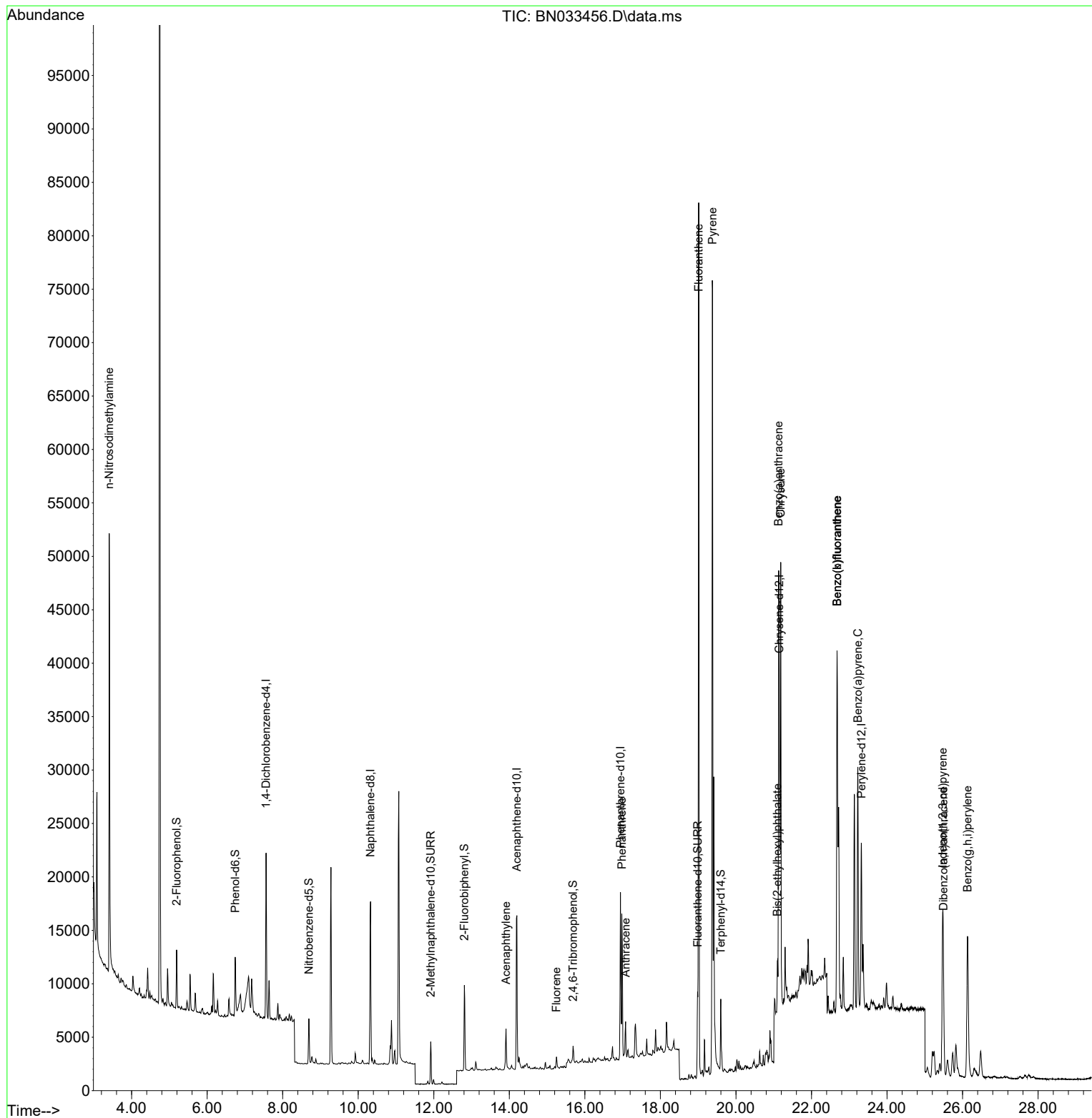
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7117	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	19494	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9646	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20034	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	17509	0.400	ng	0.00
35) Perylene-d12	23.318	264	18693	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	3871	0.197	ng	0.00
5) Phenol-d6	6.743	99	4782	0.180	ng	0.00
8) Nitrobenzene-d5	8.691	82	3136	0.213	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	5221	0.174	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	801	0.162	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	7179	0.182	ng	-0.01
27) Fluoranthene-d10	18.984	212	8338	0.156	ng	0.00
31) Terphenyl-d14	19.597	244	5719	0.173	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.407	42	5987	0.588	ng	# 1
16) Acenaphthylene	13.911	152	4421	0.098	ng	97
18) Fluorene	15.247	166	866	0.021	ng	# 87
25) Phenanthrene	16.979	178	14472	0.250	ng	99
26) Anthracene	17.078	178	3463	0.068	ng	# 94
28) Fluoranthene	19.012	202	71262	1.000	ng	100
30) Pyrene	19.379	202	67689	0.971	ng	# 96
32) Benzo(a)anthracene	21.130	228	32920	0.503	ng	96
33) Chrysene	21.184	228	34814	0.529	ng	97
34) Bis(2-ethylhexyl)phtha...	21.095	149	3961	0.133	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.472	276	24652	0.319	ng	94
37) Benzo(b)fluoranthene	22.677	252	51578	0.733	ng	95
38) Benzo(k)fluoranthene	22.677	252	51578	0.718	ng	95
39) Benzo(a)pyrene	23.227	252	29670	0.501	ng	# 93
40) Dibenzo(a,h)anthracene	25.493	278	5381	0.088	ng	# 70
41) Benzo(g,h,i)perylene	26.133	276	25321	0.374	ng	99

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

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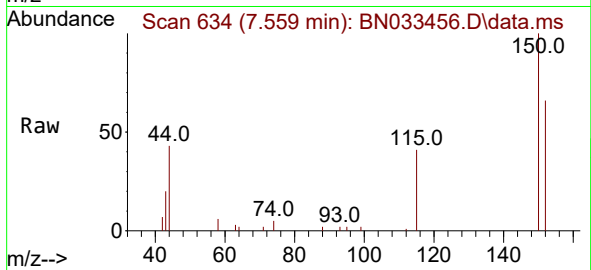
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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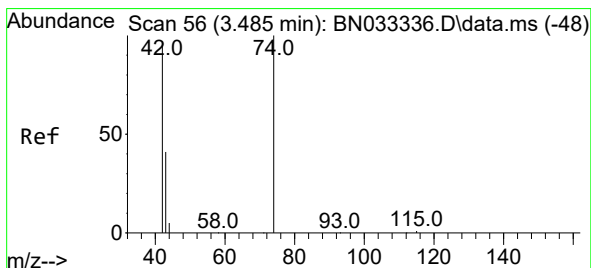
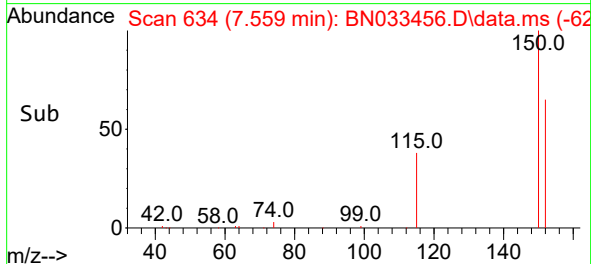
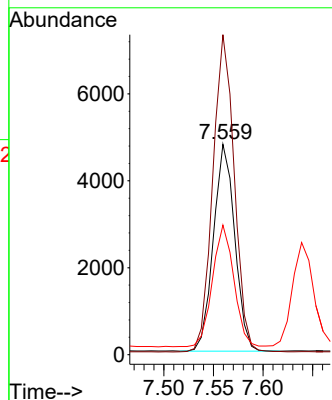


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

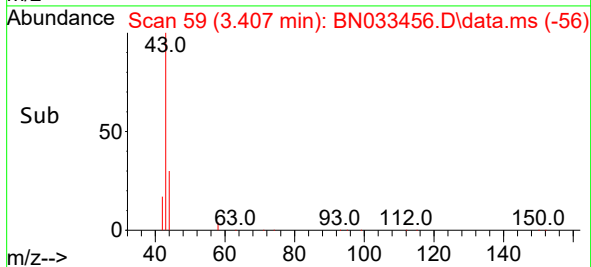
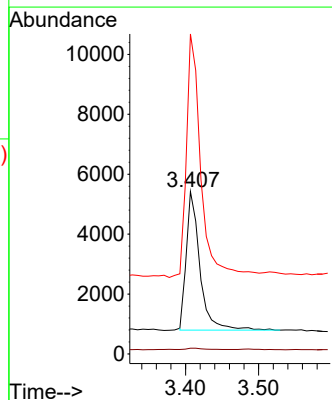
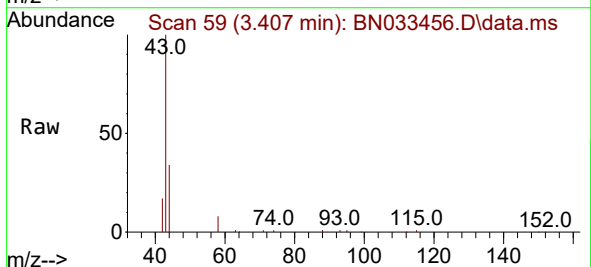


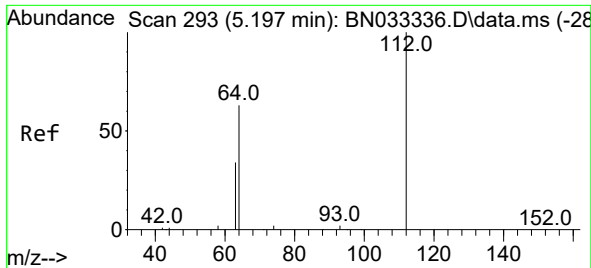
Tgt Ion:152 Resp: 7117
Ion Ratio Lower Upper
152 100
150 152.1 122.3 183.5
115 61.6 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.588 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.079 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion: 42 Resp: 5987
Ion Ratio Lower Upper
42 100
74 1.2 89.0 133.6#
44 172.5 11.0 16.4#





#4

2-Fluorophenol

Concen: 0.197 ng

RT: 5.191 min Scan# 306

Delta R.T. -0.007 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0-0.5-081224

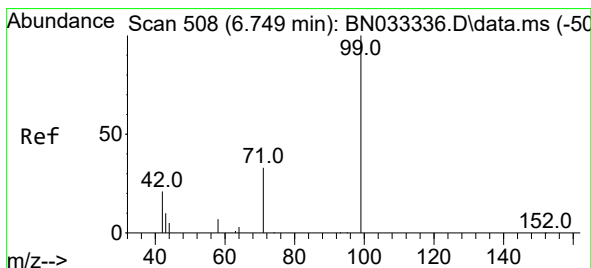
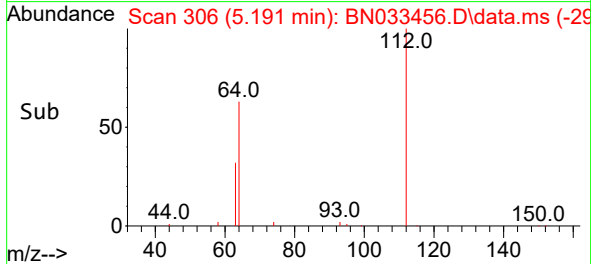
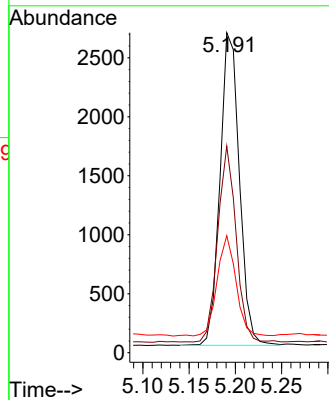
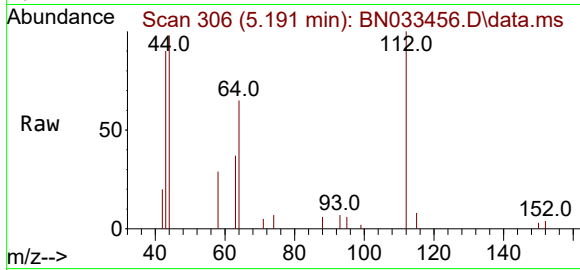
Tgt Ion:112 Resp: 3871

Ion Ratio Lower Upper

112 100

64 59.1 48.1 72.1

63 31.4 25.4 38.2



#5

Phenol-d6

Concen: 0.180 ng

RT: 6.743 min Scan# 521

Delta R.T. -0.007 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

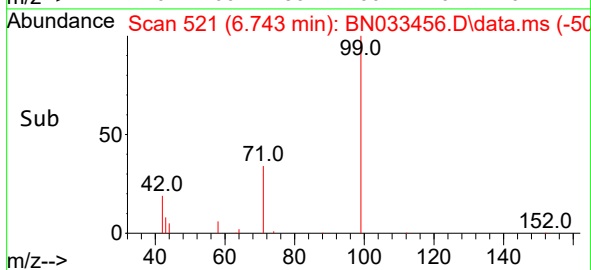
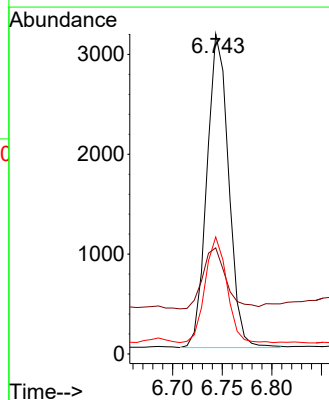
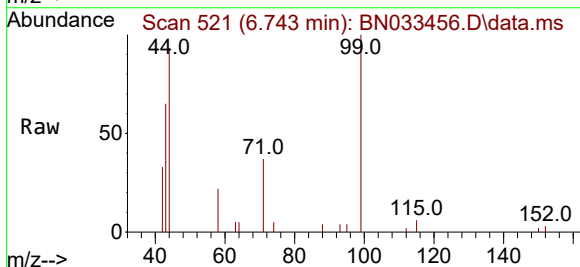
Tgt Ion: 99 Resp: 4782

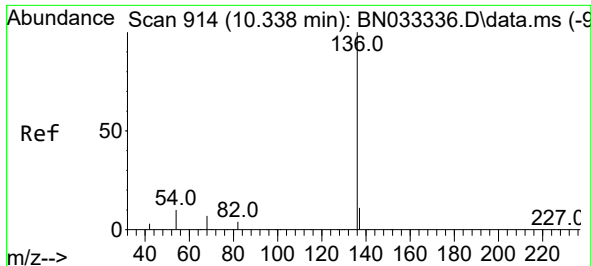
Ion Ratio Lower Upper

99 100

42 20.8 18.5 27.7

71 33.6 26.2 39.2

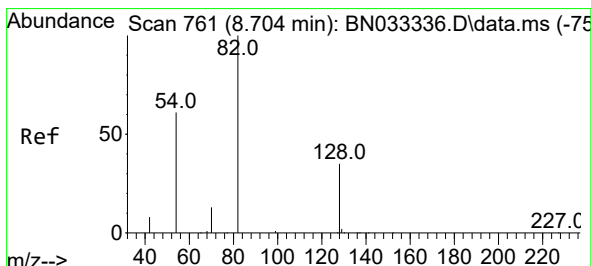
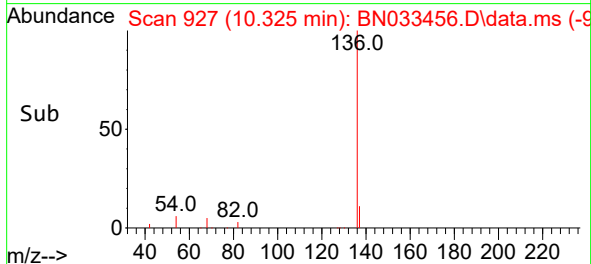
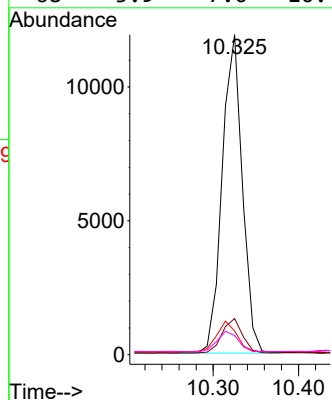
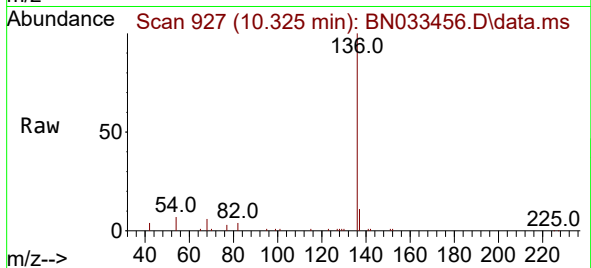




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

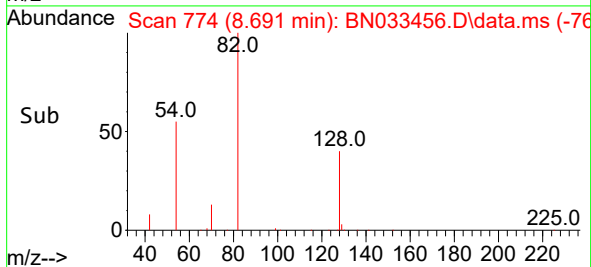
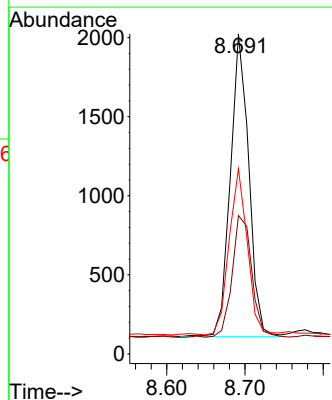
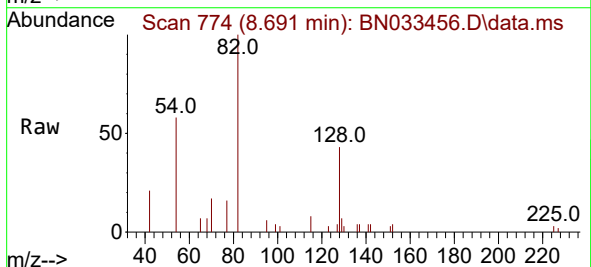
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922-K1-SD-0-0.5-081224

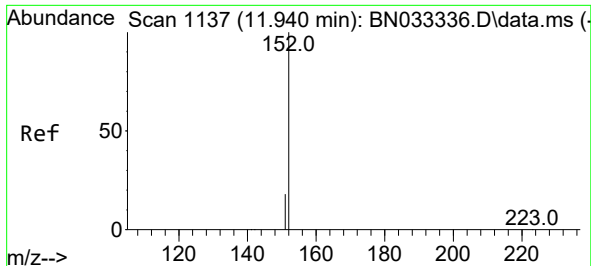
Tgt Ion:	136	Resp:	19494
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.4	9.4	14.0#
68	5.9	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:	82	Resp:	3136
Ion Ratio	Lower	Upper	
82	100		
128	43.3	29.0	43.4
54	57.8	50.2	75.4

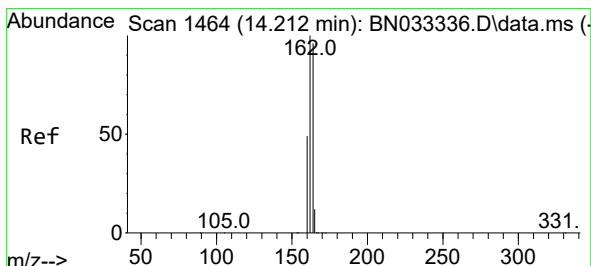
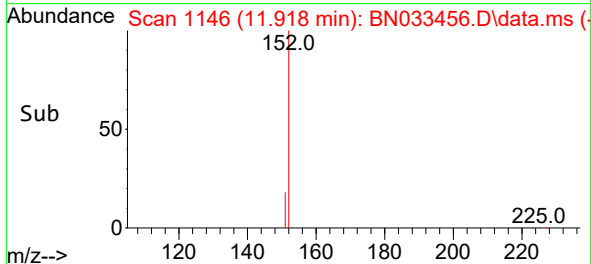
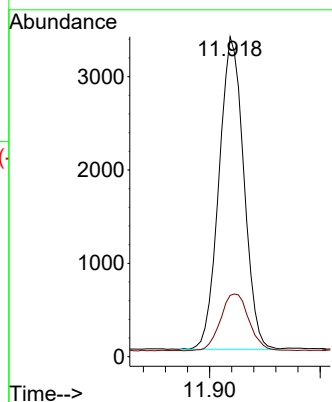
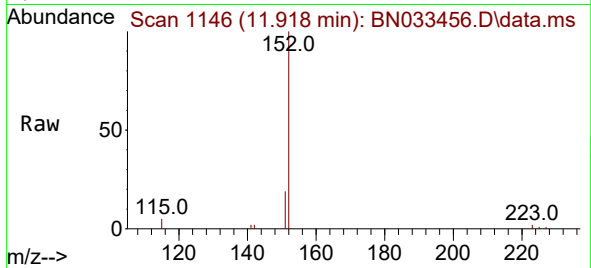




#11
2-Methylnaphthalene-d10
Concen: 0.174 ng
RT: 11.918 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

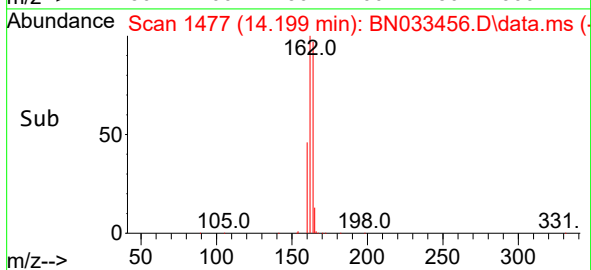
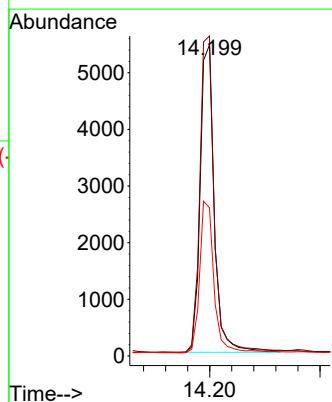
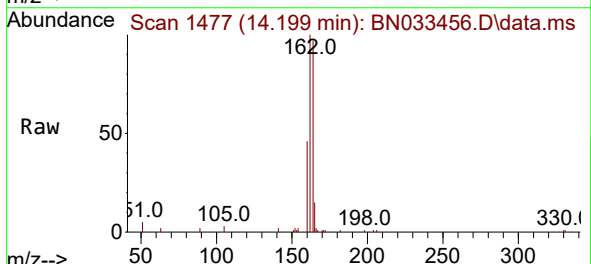
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

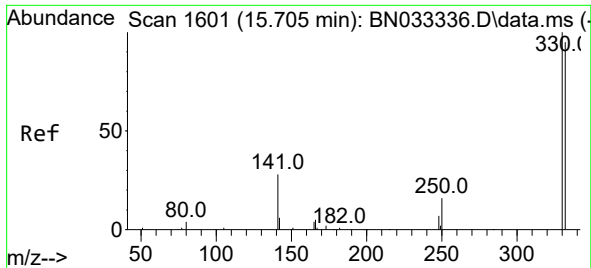
Tgt Ion:152 Resp: 5221
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

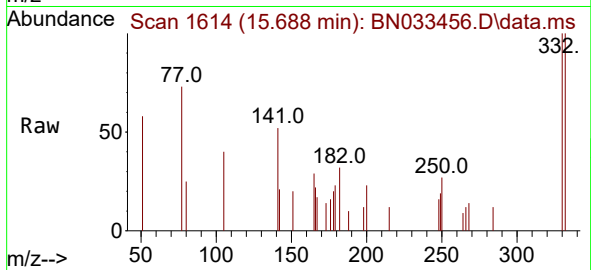
Tgt Ion:164 Resp: 9646
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 47.6 41.1 61.7



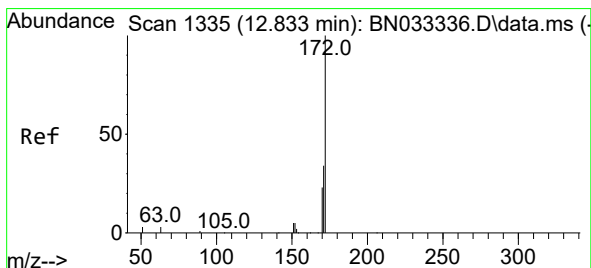
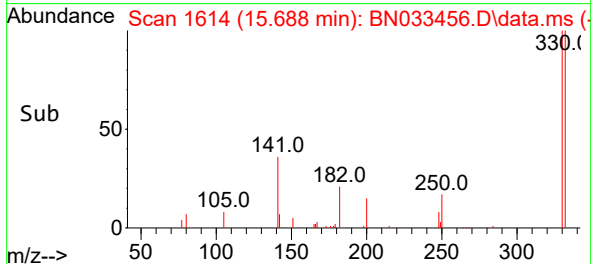
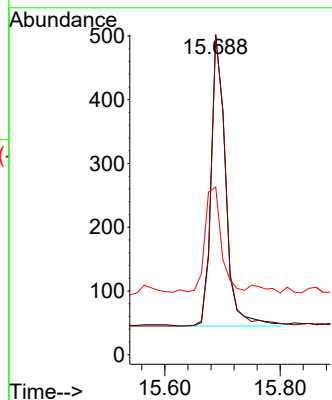


#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

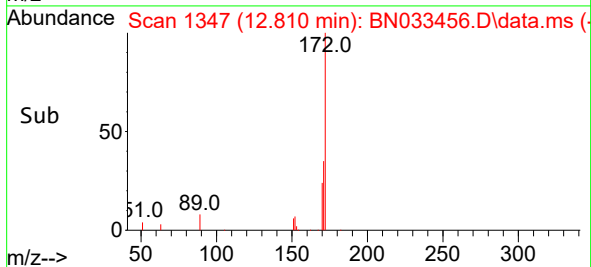
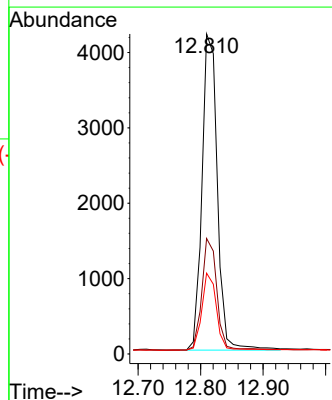
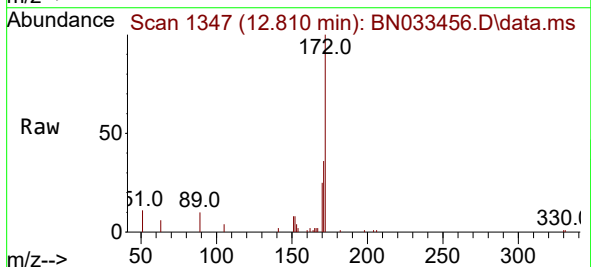


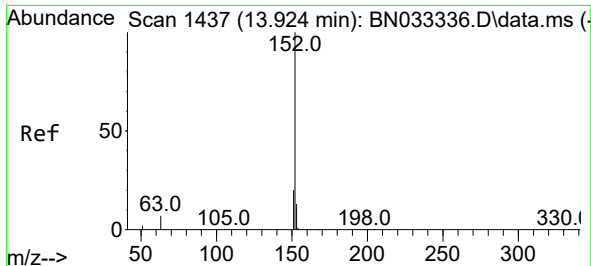
Tgt Ion:330 Resp: 801
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 39.8 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.182 ng
RT: 12.810 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:172 Resp: 7179
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.8
170 25.3 18.7 28.1

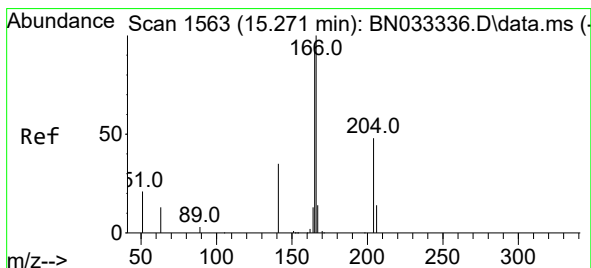
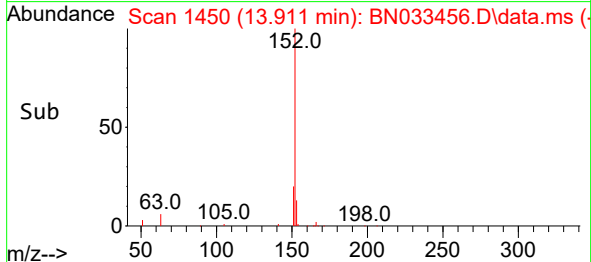
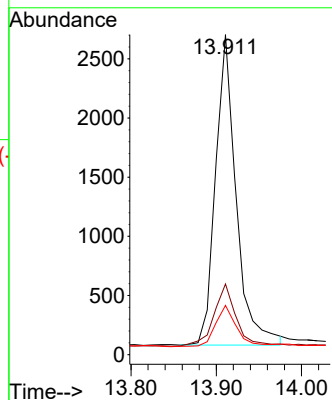
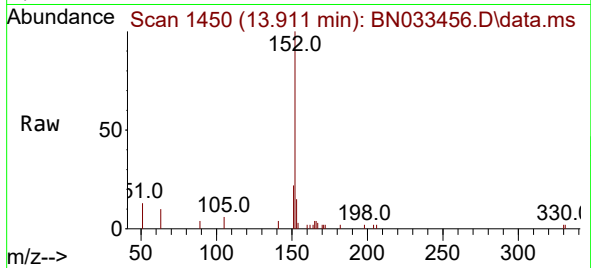




#16
Acenaphthylene
Concen: 0.098 ng
RT: 13.911 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

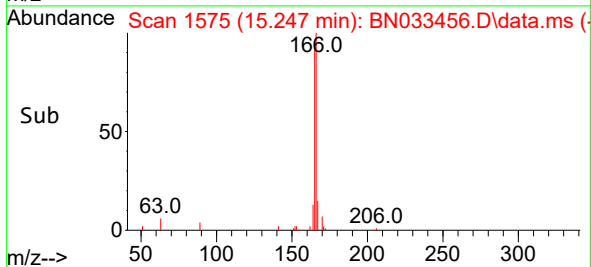
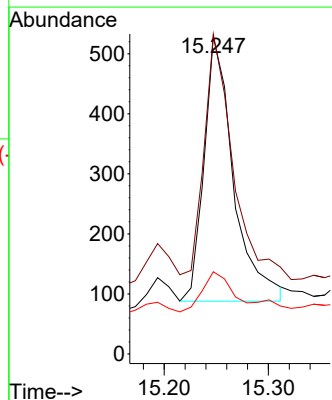
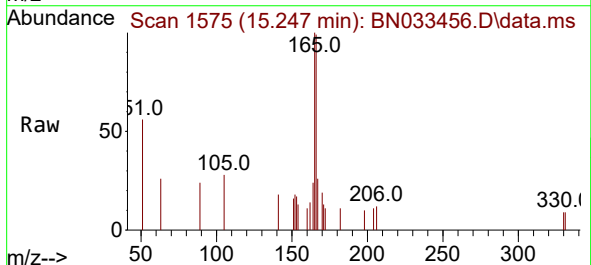
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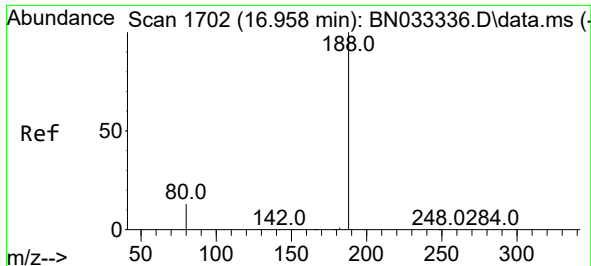
Tgt Ion:152 Resp: 4421
Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 13.6 10.4 15.6



#18
Fluorene
Concen: 0.021 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:166 Resp: 866
Ion Ratio Lower Upper
166 100
165 85.1 78.0 117.0
167 18.6 10.7 16.1#

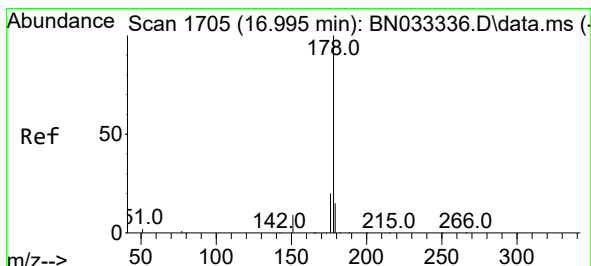
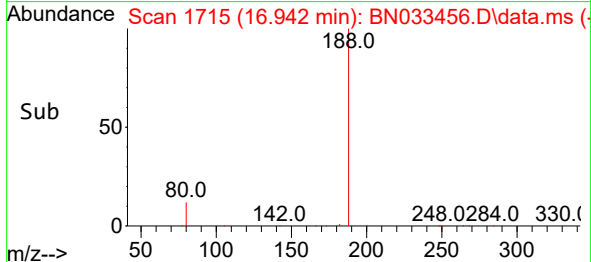
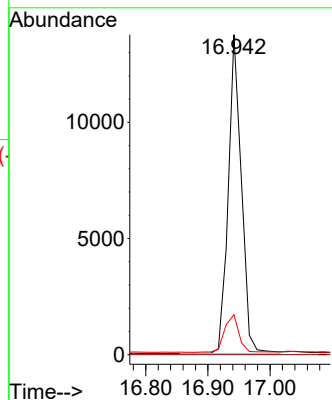
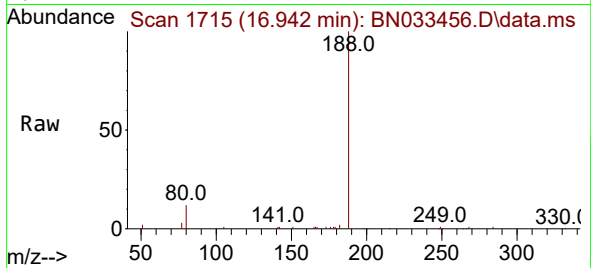




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

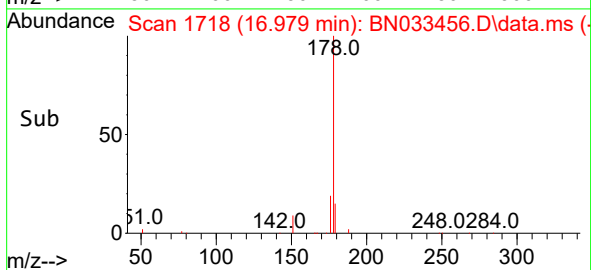
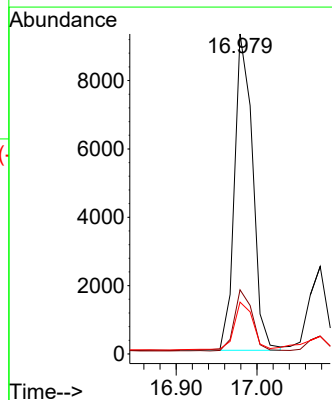
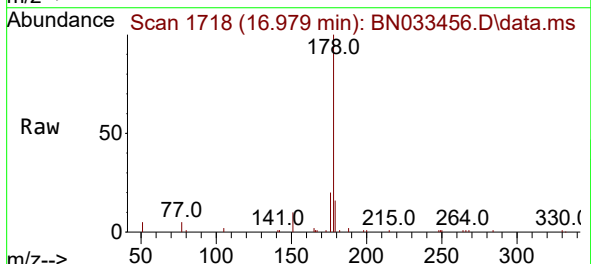
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

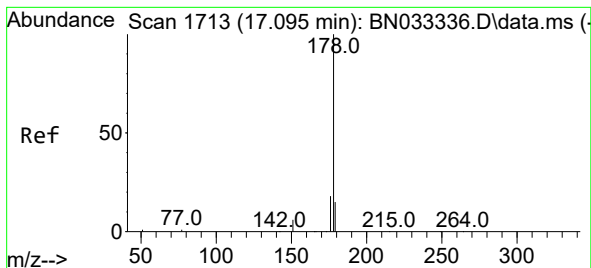
Tgt Ion:188 Resp: 20034
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 10.7 16.1



#25
Phenanthrene
Concen: 0.250 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:178 Resp: 14472
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.2 18.2





#26

Anthracene

Concen: 0.068 ng

RT: 17.078 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN033456.D

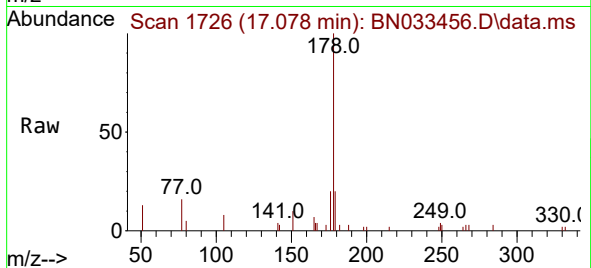
Acq: 17 Aug 2024 07:15

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0-0.5-081224



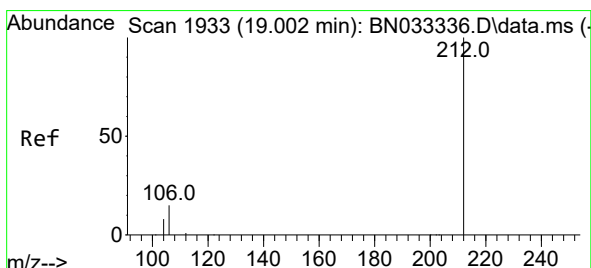
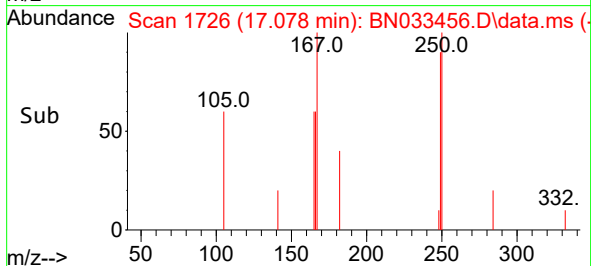
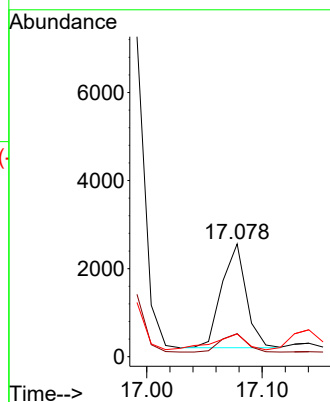
Tgt Ion:178 Resp: 3463

Ion	Ratio	Lower	Upper
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178	100		
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176	18.8	14.7	22.1
-----	------	------	------

179	20.1	12.2	18.2#
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#27

Fluoranthene-d10

Concen: 0.156 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

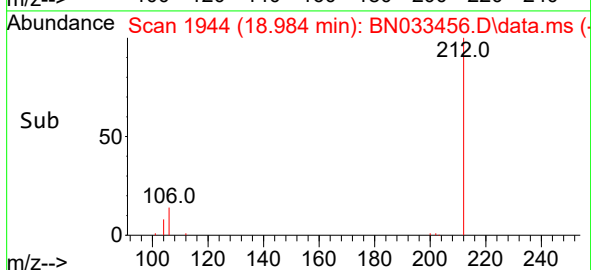
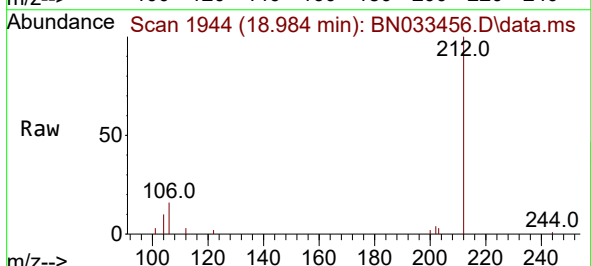
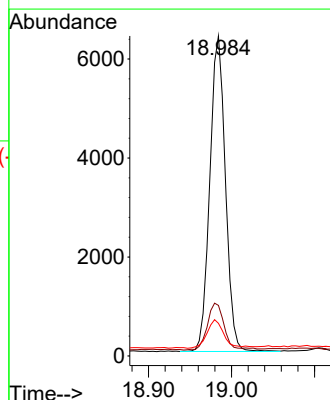
Tgt Ion:212 Resp: 8338

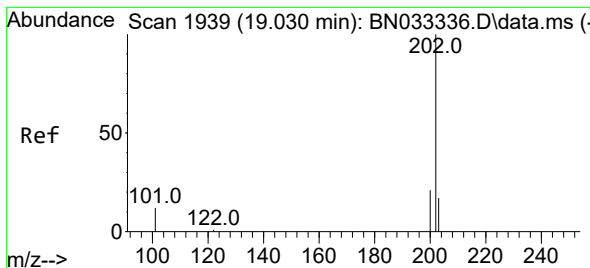
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

212	100		
-----	-----	--	--

106	15.6	12.8	19.2
-----	------	------	------

104	10.1	7.1	10.7
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#28

Fluoranthene

Concen: 1.000 ng

RT: 19.012 min Scan# 1939

Delta R.T. -0.009 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0-0.5-081224

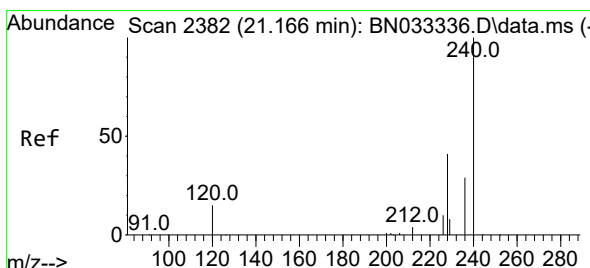
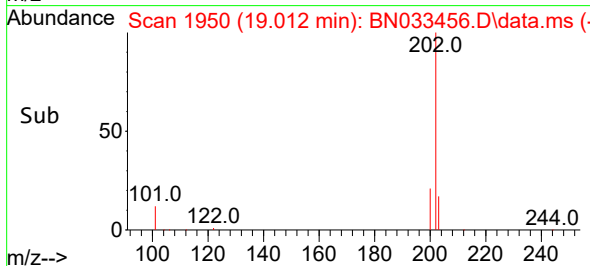
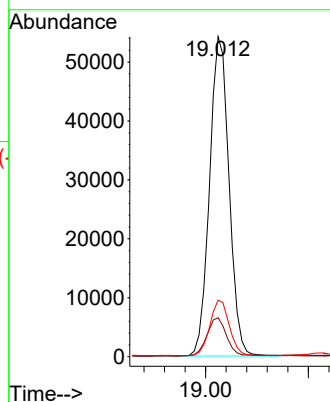
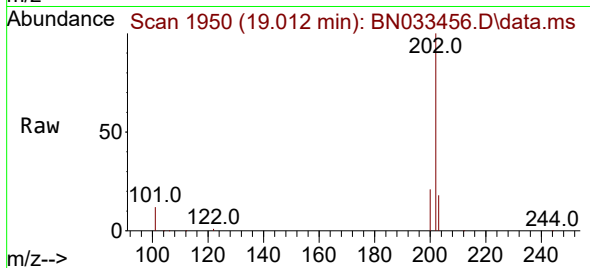
Tgt Ion:202 Resp: 71262

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.6

203 17.3 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 2395

Delta R.T. -0.009 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

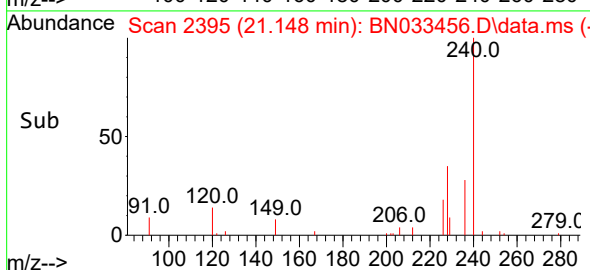
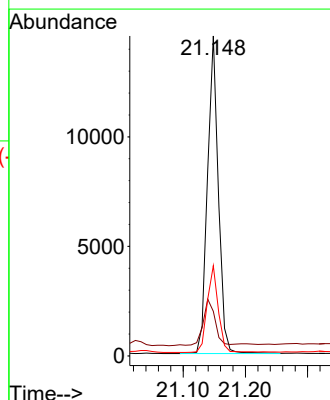
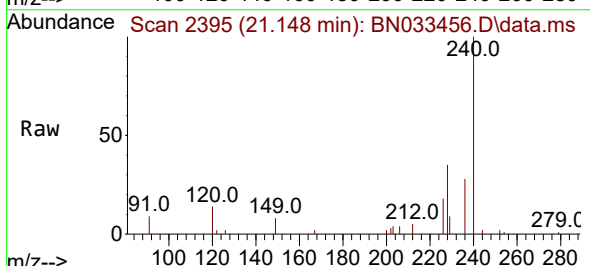
Tgt Ion:240 Resp: 17509

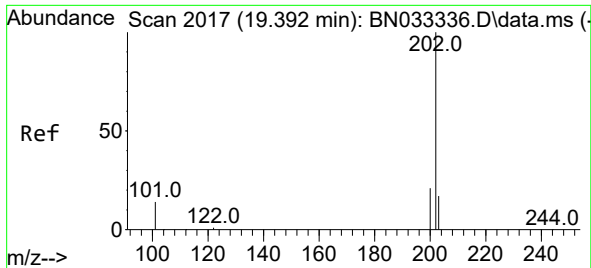
Ion Ratio Lower Upper

240 100

120 13.9 13.0 19.6

236 28.2 23.2 34.8

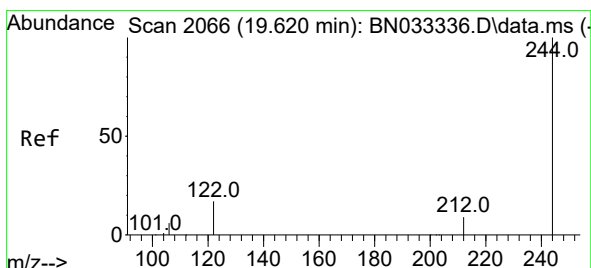
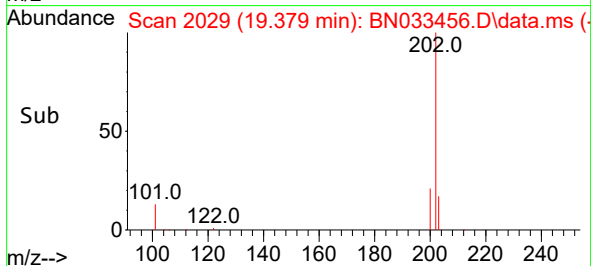
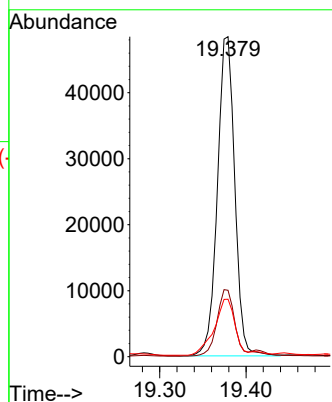
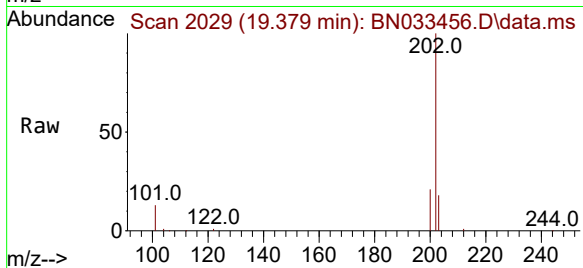




#30
Pyrene
Concen: 0.971 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

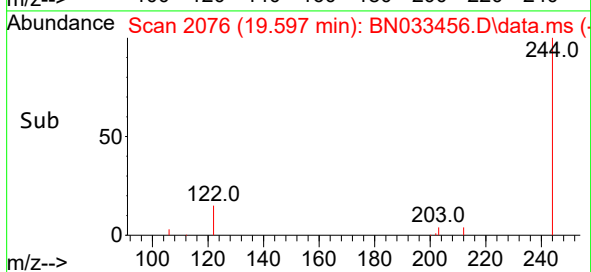
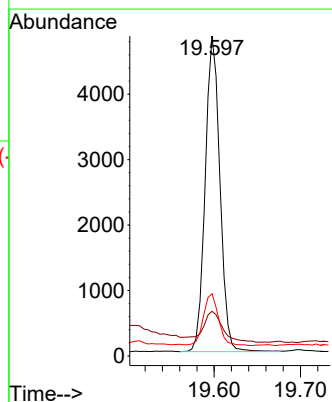
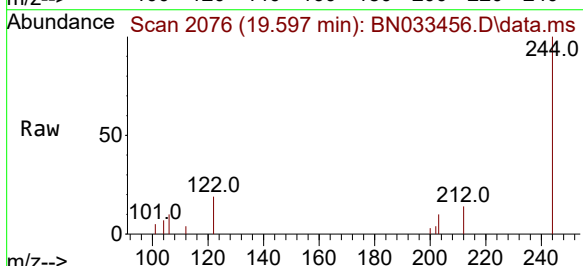
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

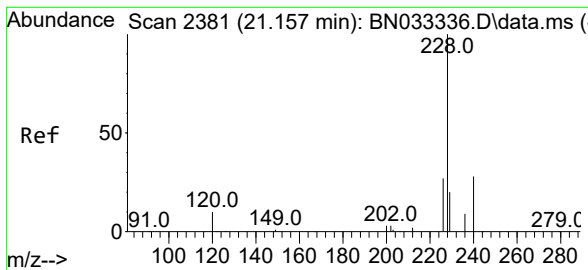
Tgt Ion:202 Resp: 67689
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 21.9 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.173 ng
RT: 19.597 min Scan# 2076
Delta R.T. -0.009 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:244 Resp: 5719
Ion Ratio Lower Upper
244 100
212 13.9 7.7 11.5#
122 19.5 14.0 21.0





#32

Benzo(a)anthracene

Concen: 0.503 ng

RT: 21.130 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0-0.5-081224

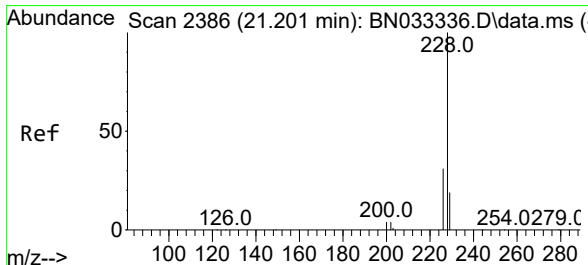
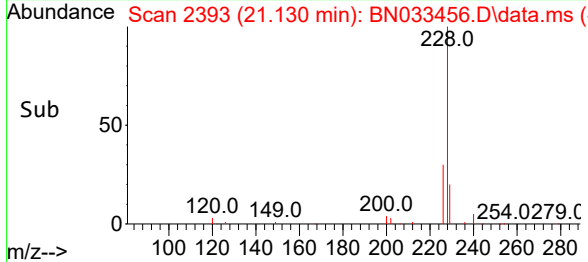
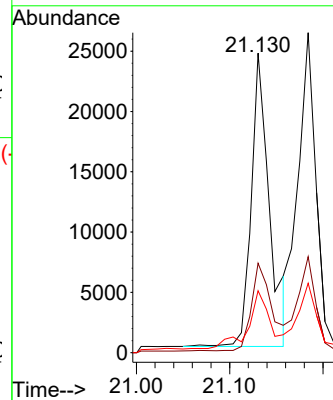
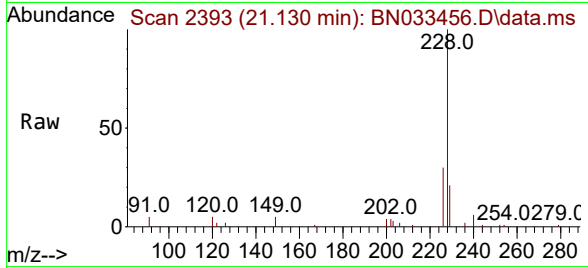
Tgt Ion:228 Resp: 32920

Ion Ratio Lower Upper

228 100

226 29.8 21.6 32.4

229 20.6 15.9 23.9



#33

Chrysene

Concen: 0.529 ng

RT: 21.184 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BN033456.D

Acq: 17 Aug 2024 07:15

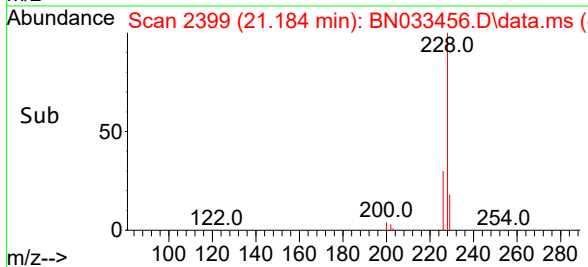
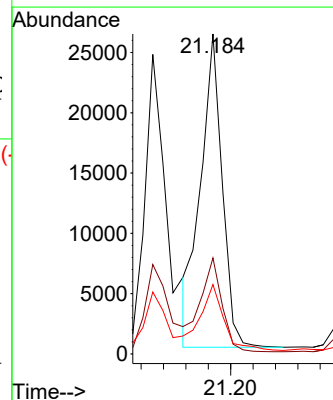
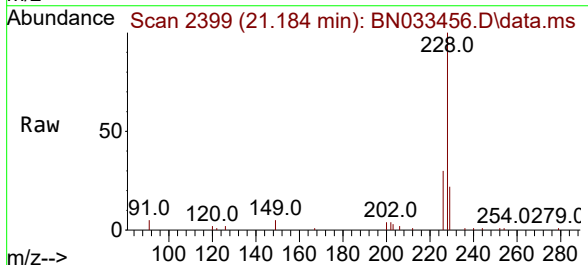
Tgt Ion:228 Resp: 34814

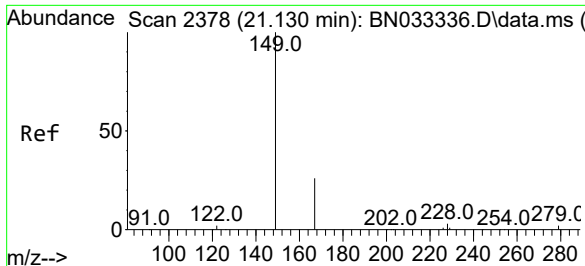
Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 21.7 15.4 23.2

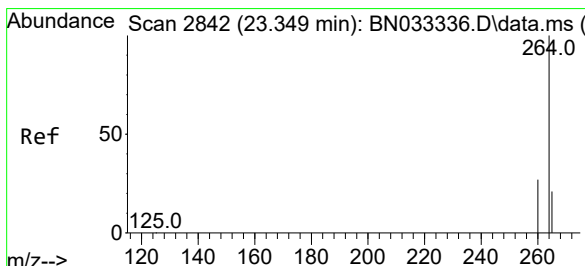
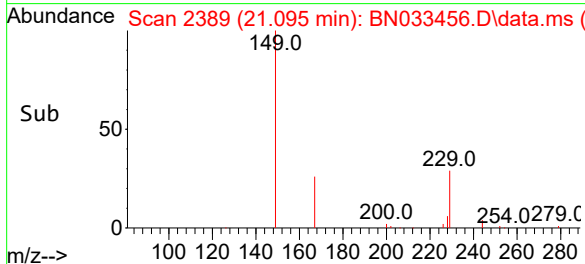
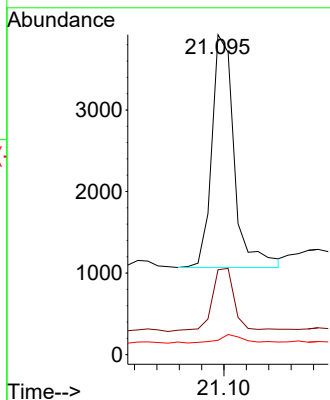
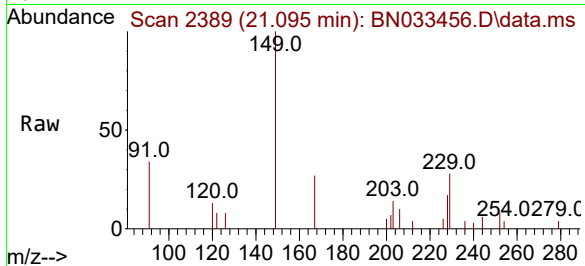




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.133 ng
 RT: 21.095 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN033456.D
 Acq: 17 Aug 2024 07:15

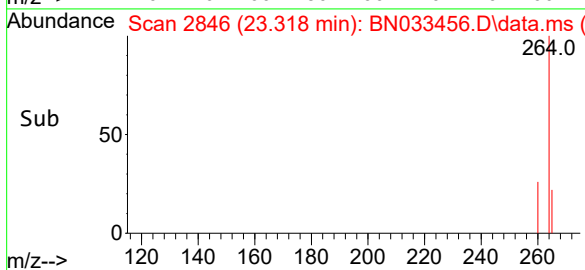
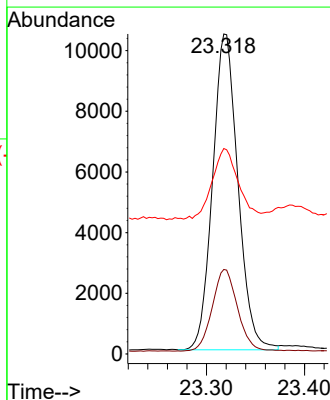
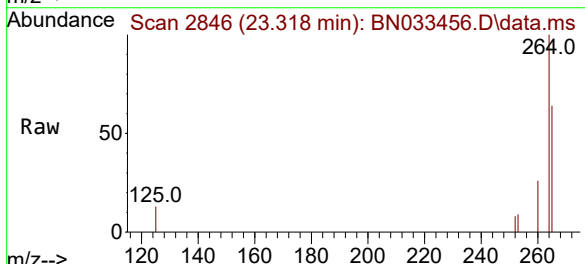
Instrument :
 BNA_N
 ClientSampleId :
 922-K1-SD-0-0.5-081224

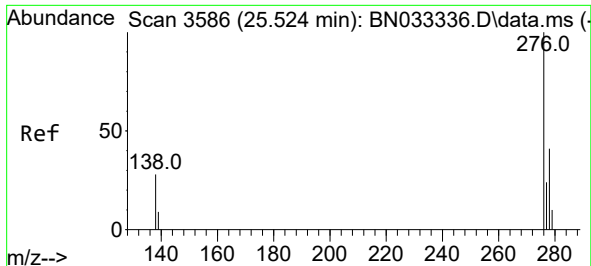
Tgt Ion:149 Resp: 3961
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.9 31.3
 279 4.6 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.318 min Scan# 2846
 Delta R.T. -0.015 min
 Lab File: BN033456.D
 Acq: 17 Aug 2024 07:15

Tgt Ion:264 Resp: 18693
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.6 32.4
 265 64.2 29.3 43.9#

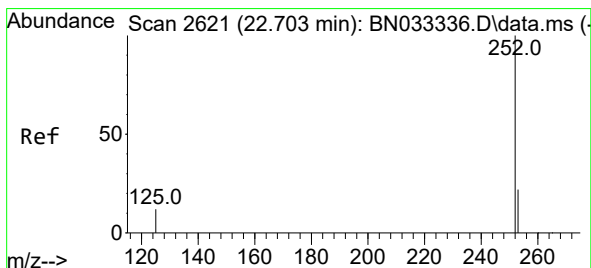
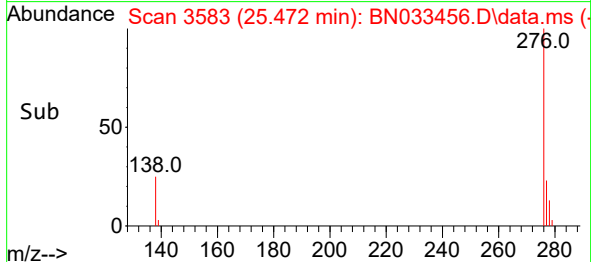
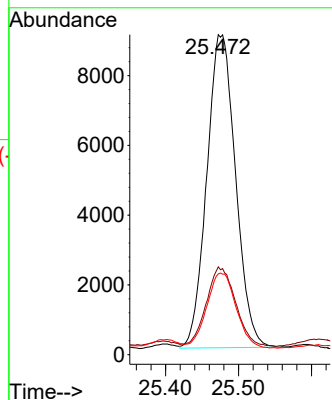
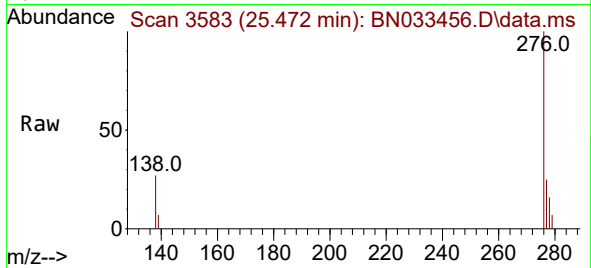




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng
RT: 25.472 min Scan# 3583
Delta R.T. -0.026 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

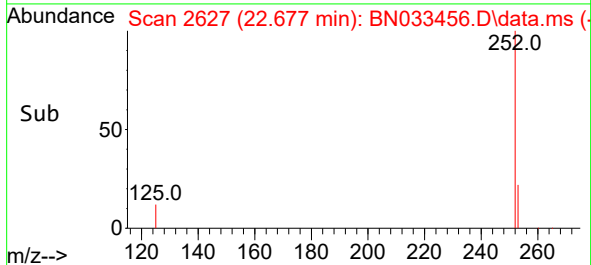
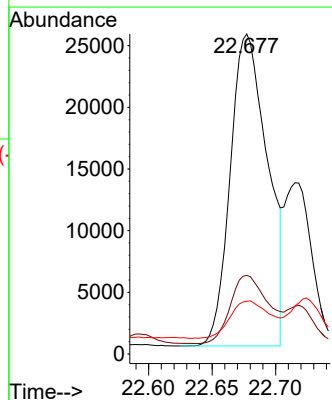
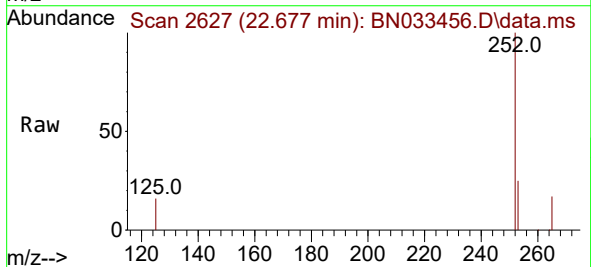
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

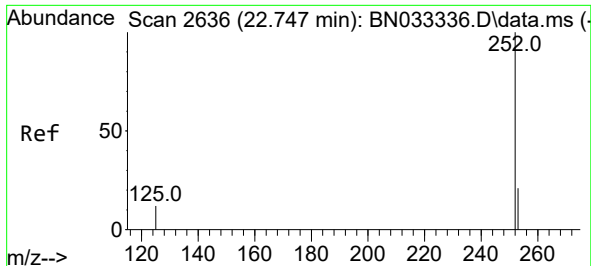
Tgt Ion:276 Resp: 24652
Ion Ratio Lower Upper
276 100
138 25.7 24.9 37.3
277 24.4 19.8 29.6



#37
Benzo(b)fluoranthene
Concen: 0.733 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

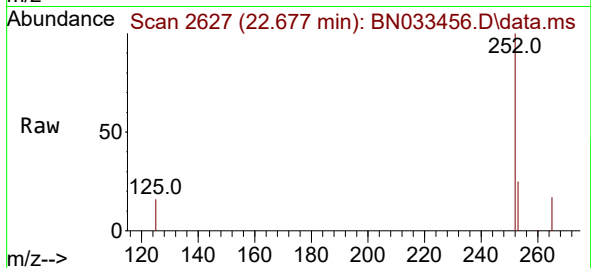
Tgt Ion:252 Resp: 51578
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 16.4 11.3 16.9



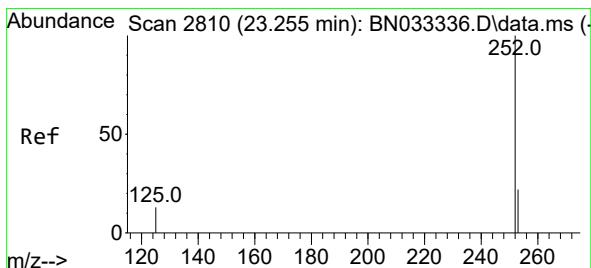
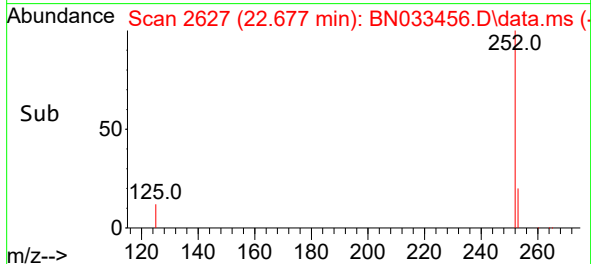
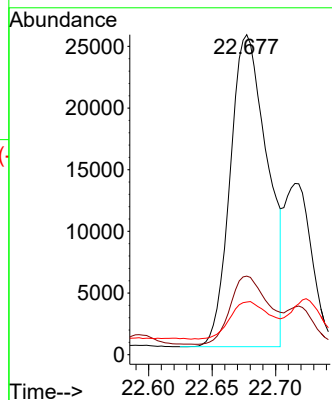


#38
Benzo(k)fluoranthene
Concen: 0.718 ng
RT: 22.677 min Scan# 2015
Delta R.T. -0.053 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

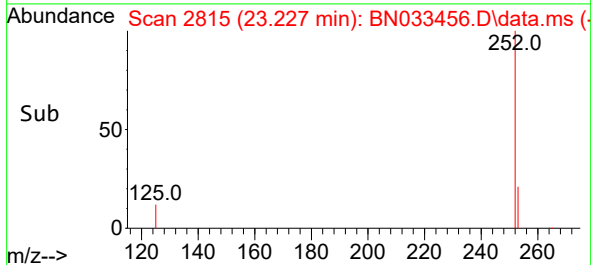
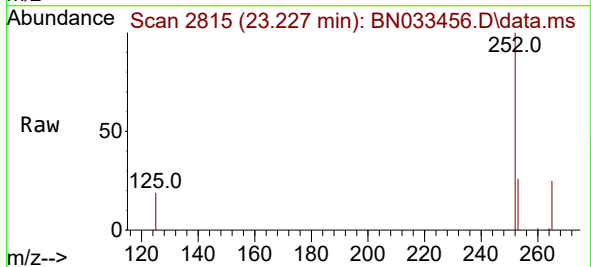
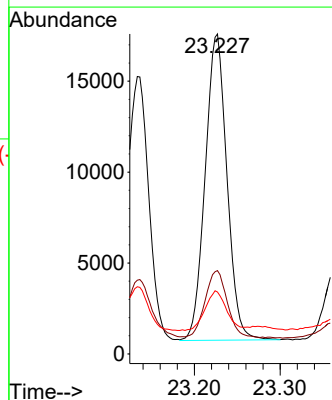


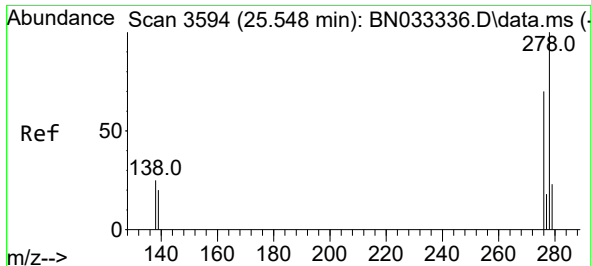
Tgt Ion:252 Resp: 51578
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 16.4 11.3 16.9



#39
Benzo(a)pyrene
Concen: 0.501 ng
RT: 23.227 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:252 Resp: 29670
Ion Ratio Lower Upper
252 100
253 26.1 18.6 28.0
125 19.4 12.6 19.0#

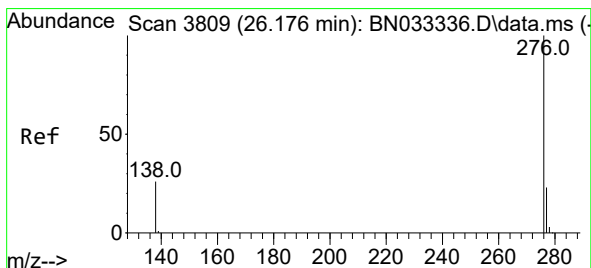
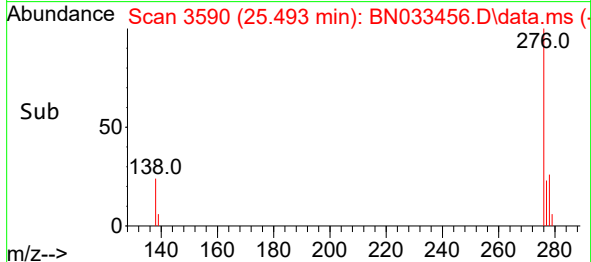
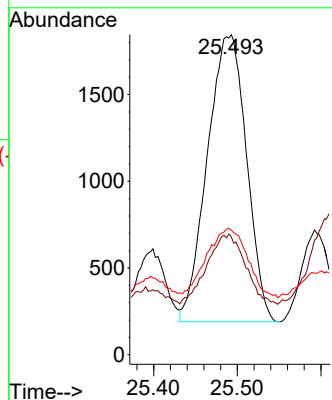
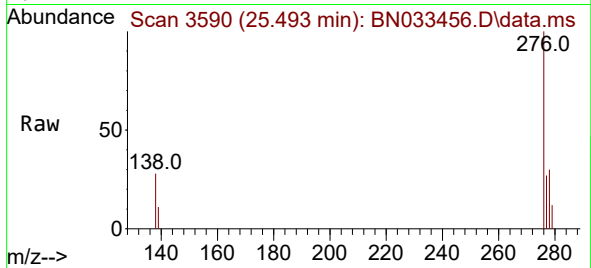




#40
Dibenzo(a,h)anthracene
Concen: 0.088 ng
RT: 25.493 min Scan# 31
Delta R.T. -0.023 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0-0.5-081224

Tgt Ion:278 Resp: 5381
Ion Ratio Lower Upper
278 100
139 36.9 17.0 25.6#
279 39.0 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.133 min Scan# 3809
Delta R.T. -0.017 min
Lab File: BN033456.D
Acq: 17 Aug 2024 07:15

Tgt Ion:276 Resp: 25321
Ion Ratio Lower Upper
276 100
277 25.6 19.4 29.2
138 27.1 21.6 32.4

