

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033613.D
 Acq On : 24 Aug 2024 05:57
 Operator : MA/JU
 Sample : P3671-07DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-905-J-SO-0-0.5-081924-FDDL

Quant Time: Aug 24 06:23:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

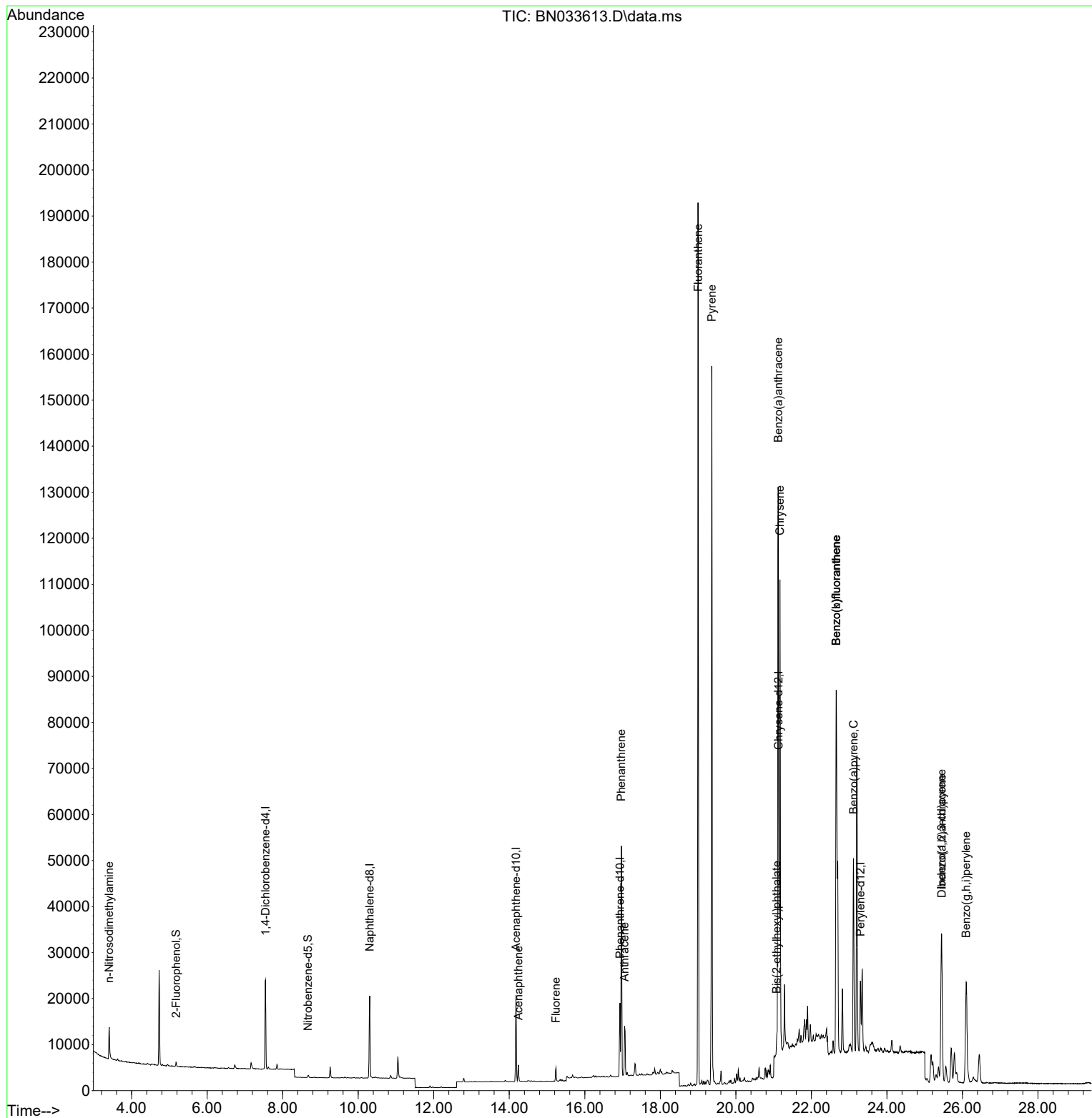
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	9368	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	22518	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	10375	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19734	0.400	ng	0.00
29) Chrysene-d12	21.130	240	16882	0.400	ng	0.00
35) Perylene-d12	23.297	264	18150	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	621	0.021	ng	0.00
5) Phenol-d6	6.736	99	676	0.019	ng	0.00
8) Nitrobenzene-d5	8.670	82	461	0.025	ng	-0.01
11) 2-Methylnaphthalene-d10	11.900	152	518	0.016	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	110	0.020	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	654	0.015	ng	0.00
27) Fluoranthene-d10	18.970	212	588	0.012	ng	0.00
31) Terphenyl-d14	19.583	244	431	0.011	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.407	42	1226	0.098	ng	# 1
17) Acenaphthene	14.242	154	1716	0.054	ng	97
18) Fluorene	15.236	166	1952	0.048	ng	99
25) Phenanthrene	16.967	178	46598	0.849	ng	100
26) Anthracene	17.053	178	12522	0.258	ng	97
28) Fluoranthene	18.998	202	161055	2.655	ng	99
30) Pyrene	19.360	202	140751	1.868	ng	# 94
32) Benzo(a)anthracene	21.121	228	106829	1.750	ng	99
33) Chrysene	21.166	228	91115	1.502	ng	97
34) Bis(2-ethylhexyl)phtha...	21.077	149	2111	0.055	ng	# 1
36) Indeno(1,2,3-cd)pyrene	25.443	276	48539	0.644	ng	# 94
37) Benzo(b)fluoranthene	22.657	252	125342	1.849	ng	# 96
38) Benzo(k)fluoranthene	22.657	252	125342	1.879	ng	# 93
39) Benzo(a)pyrene	23.116	252	54102	0.965	ng	98
40) Dibenzo(a,h)anthracene	25.452	278	12902	0.214	ng	# 90
41) Benzo(g,h,i)perylene	26.098	276	43198	0.670	ng	99

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

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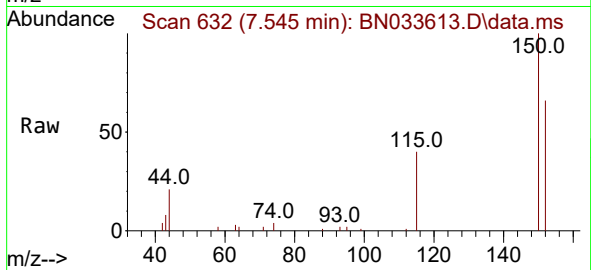
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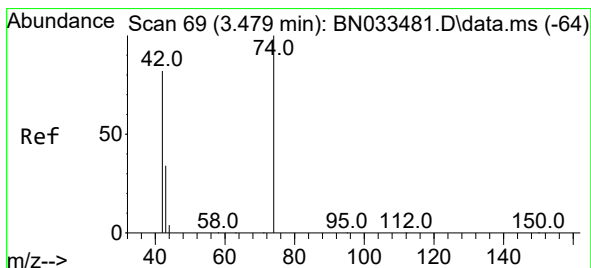
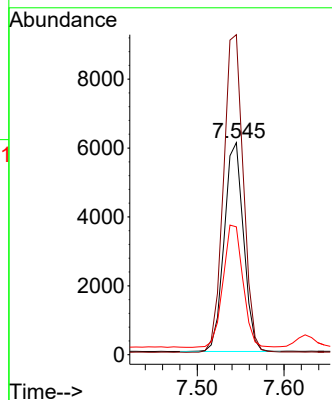
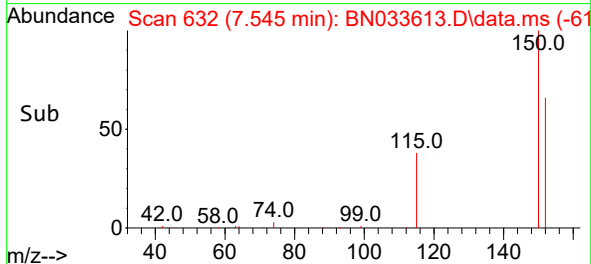


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-J-SO-0-0.5-081924-FDDL

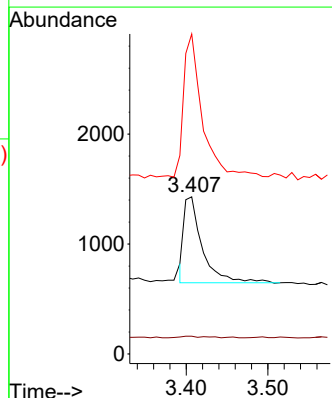
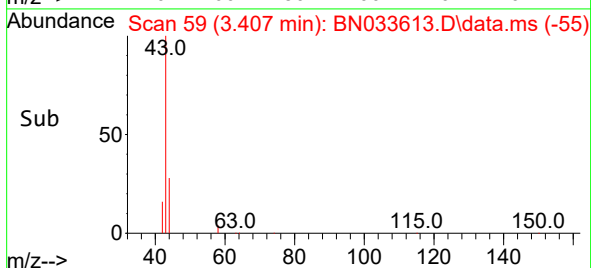
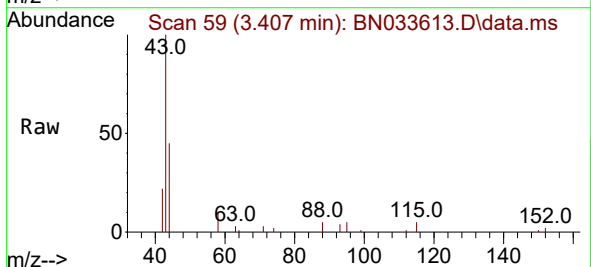


Tgt Ion:152 Resp: 9368
Ion Ratio Lower Upper
152 100
150 150.9 122.2 183.2
115 60.3 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.072 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion: 42 Resp: 1226
Ion Ratio Lower Upper
42 100
74 1.9 100.2 150.2#
44 158.7 5.3 7.9#

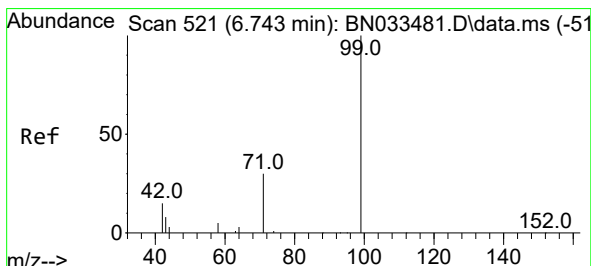
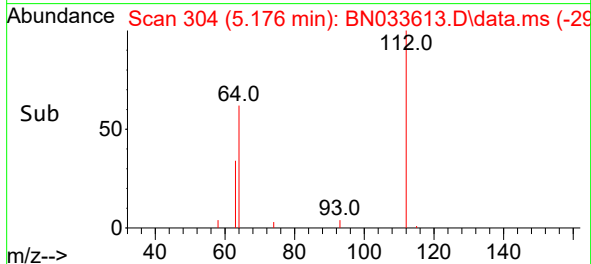
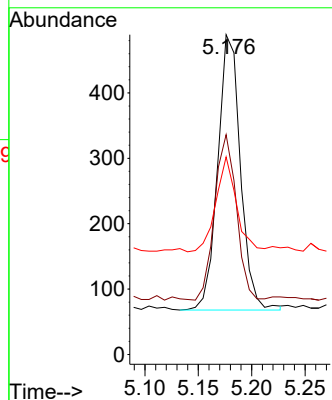
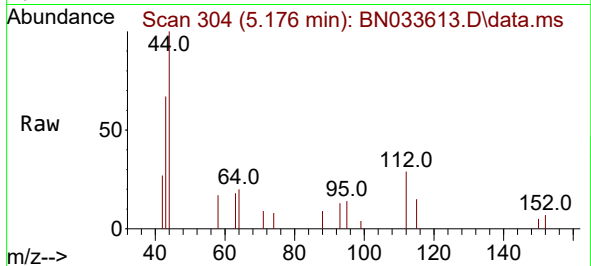




#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.176 min Scan# 304
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

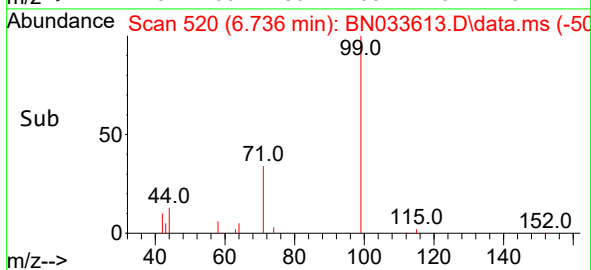
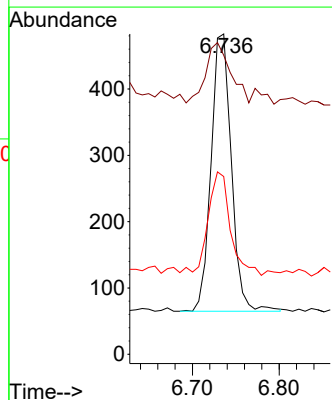
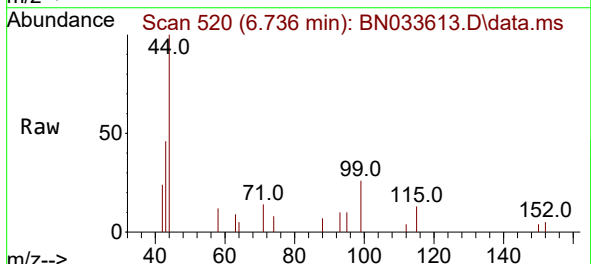
Instrument :
BNA_N
ClientSampleId :
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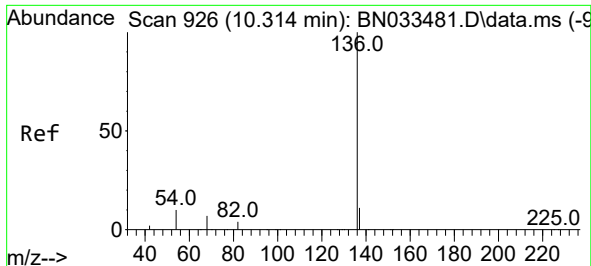
Tgt Ion:112 Resp: 621
Ion Ratio Lower Upper
112 100
64 57.0 47.1 70.7
63 31.2 24.9 37.3



#5
Phenol-d6
Concen: 0.019 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion: 99 Resp: 676
Ion Ratio Lower Upper
99 100
42 26.3 16.6 24.8#
71 41.6 26.2 39.4#

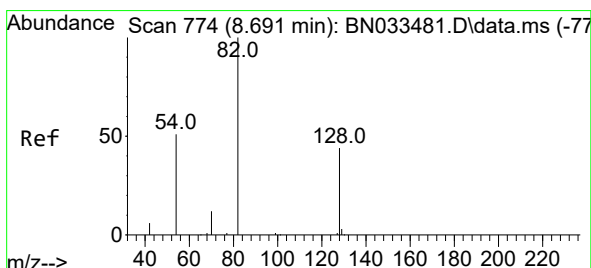
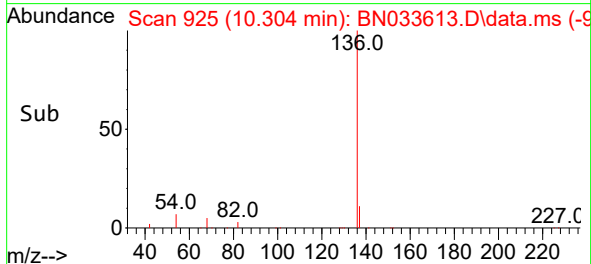
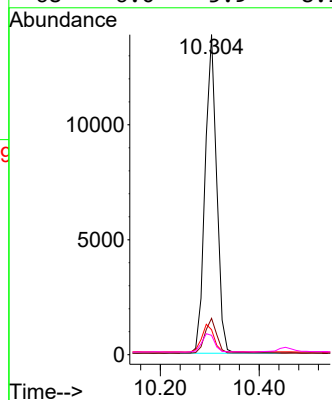
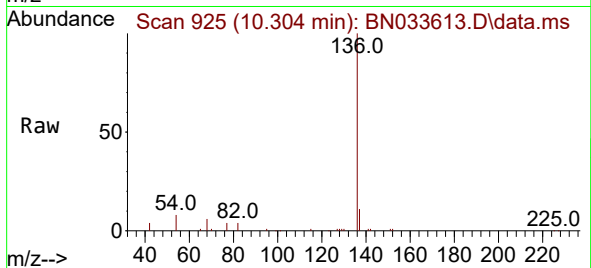




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

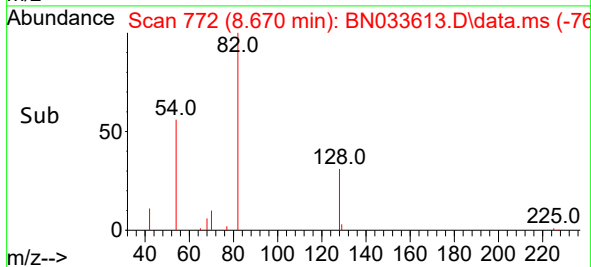
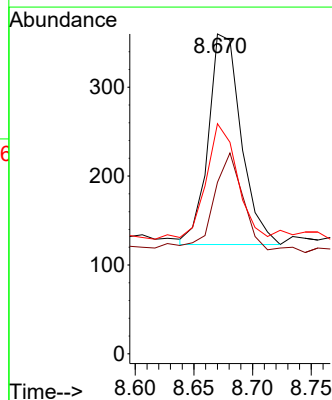
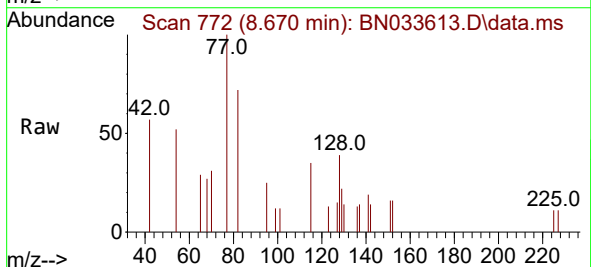
Instrument :
BNA_N
ClientSampleId :
S-905-J-SO-0-0.5-081924-FDDL

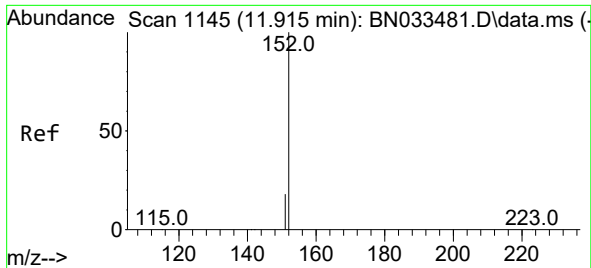
Tgt Ion:136	Resp:	22518
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	7.8	8.3 12.5
68	6.0	5.9 8.9



#8
Nitrobenzene-d5
Concen: 0.025 ng
RT: 8.670 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion: 82	Resp:	461
Ion Ratio	Lower	Upper
82	100	
128	53.6	36.0 54.0
54	71.9	42.0 63.0

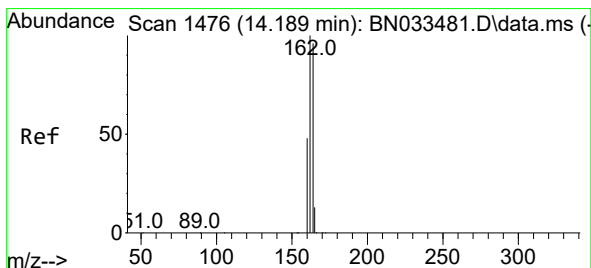
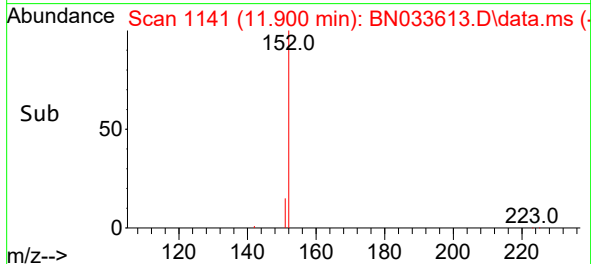
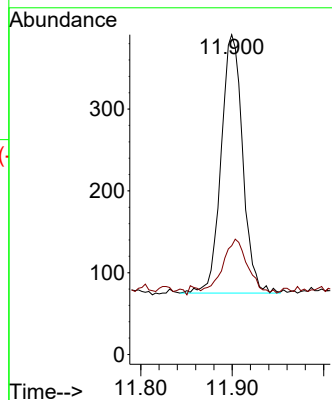
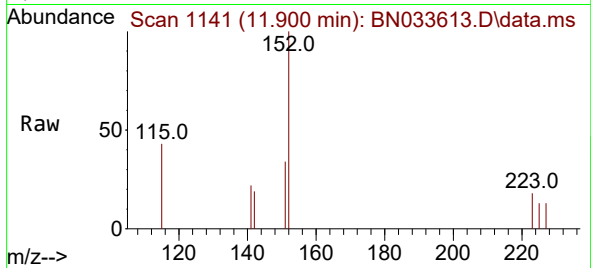




#11
2-Methylnaphthalene-d10
Concen: 0.016 ng
RT: 11.900 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

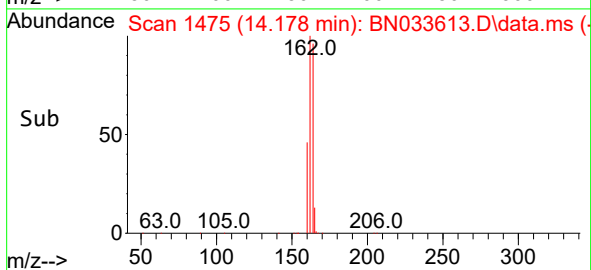
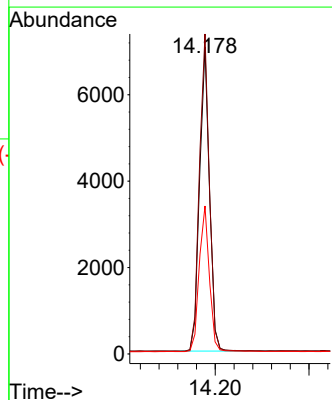
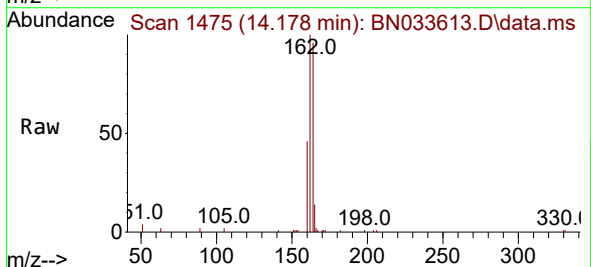
Instrument :
BNA_N
ClientSampleId :
S-905-J-SO-0-0.5-081924-FDDL

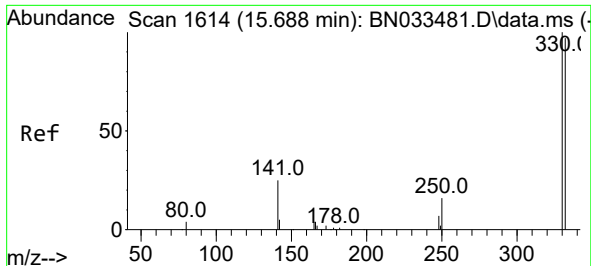
Tgt Ion:152 Resp: 518
Ion Ratio Lower Upper
152 100
151 23.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:164 Resp: 10375
Ion Ratio Lower Upper
164 100
162 104.3 83.5 125.3
160 48.2 40.2 60.4

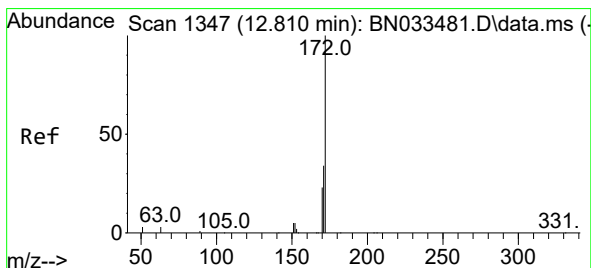
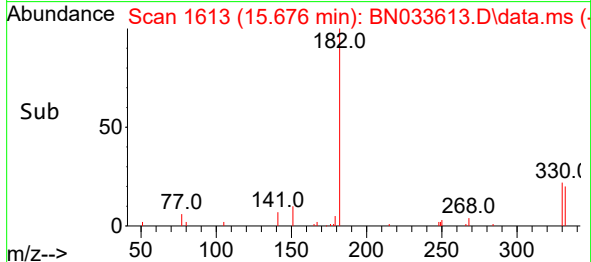
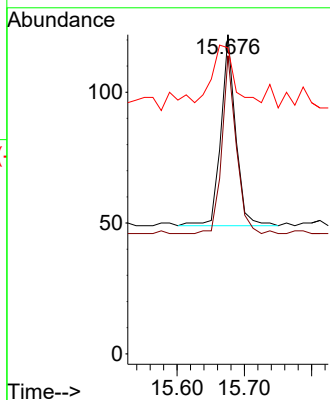
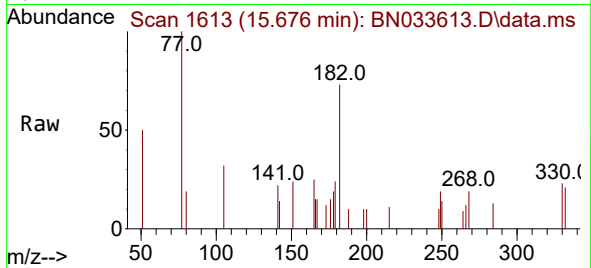




#14
2,4,6-Tribromophenol
Concen: 0.020 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

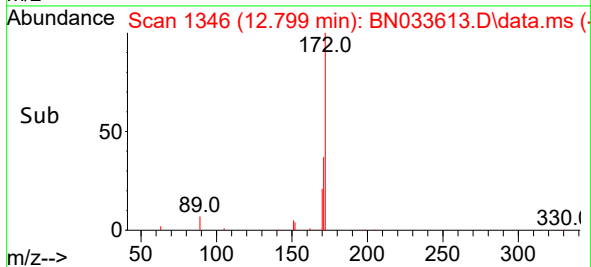
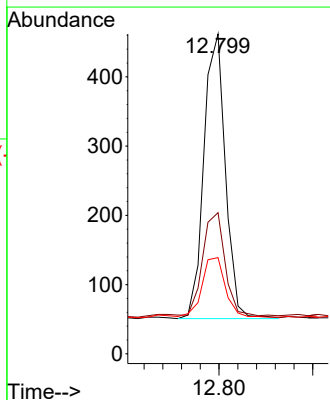
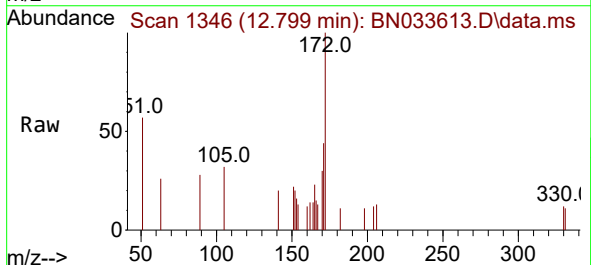
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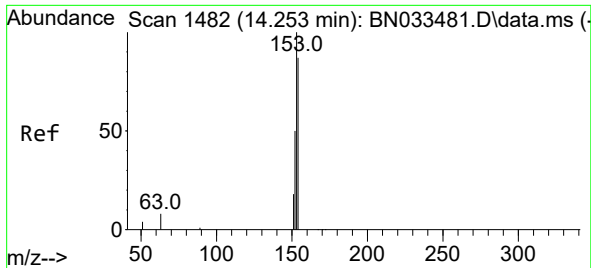
Tgt Ion:330 Resp: 110
Ion Ratio Lower Upper
330 100
332 90.9 77.5 116.3
141 48.2 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:172 Resp: 654
Ion Ratio Lower Upper
172 100
171 44.2 27.7 41.5#
170 30.1 18.3 27.5#

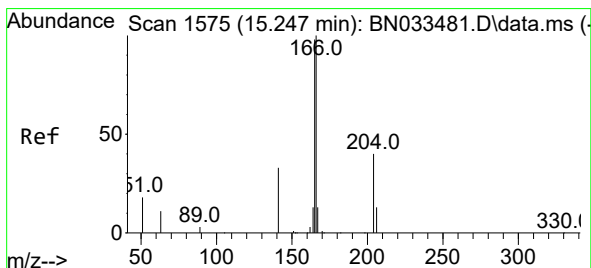
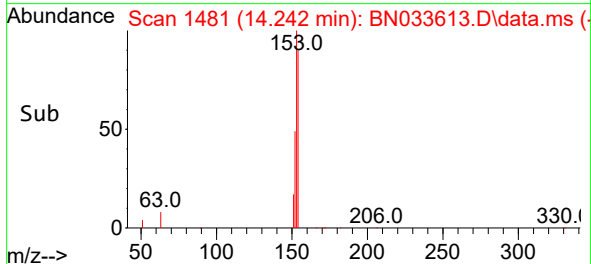
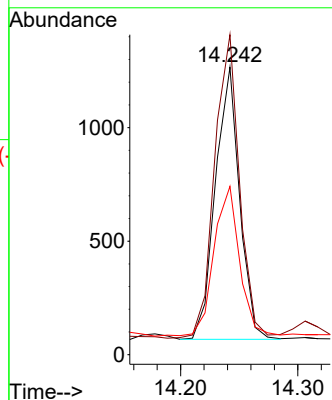
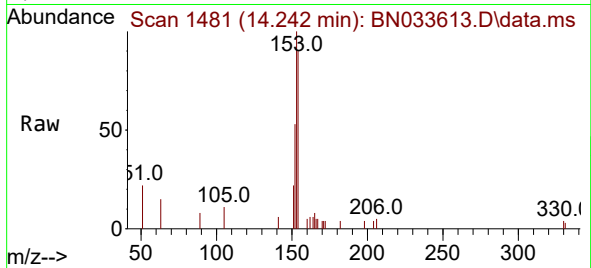




#17
Acenaphthene
Concen: 0.054 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

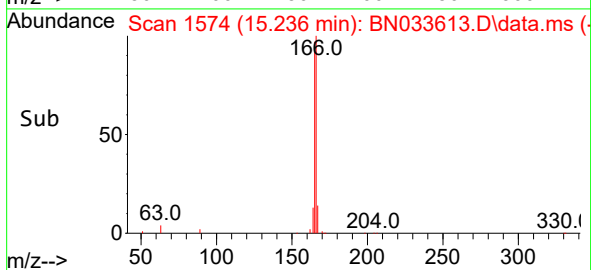
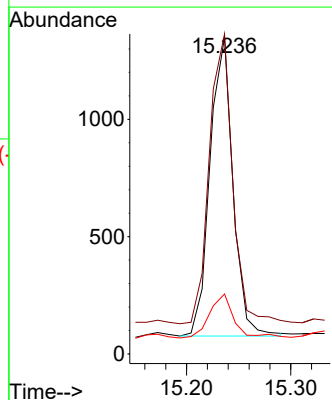
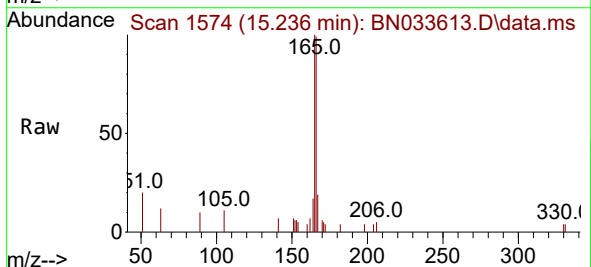
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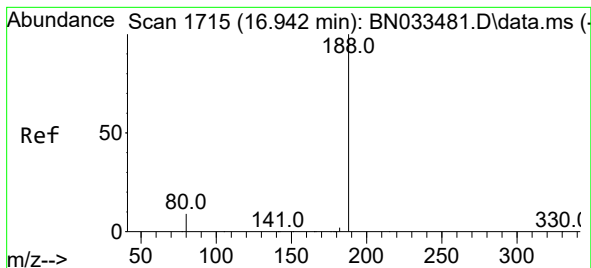
Tgt Ion:	154	Resp:	1716
Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.0	133.6
152	58.3	45.2	67.8



#18
Fluorene
Concen: 0.048 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:	166	Resp:	1952
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	15.7	10.6	16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-J-SO-0-0.5-081924-FDDL

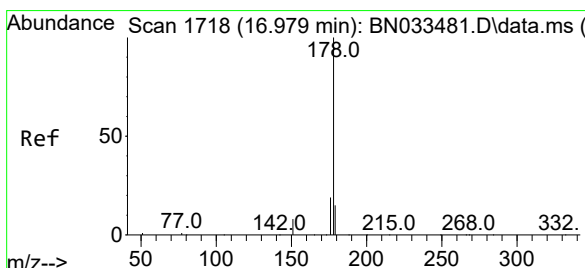
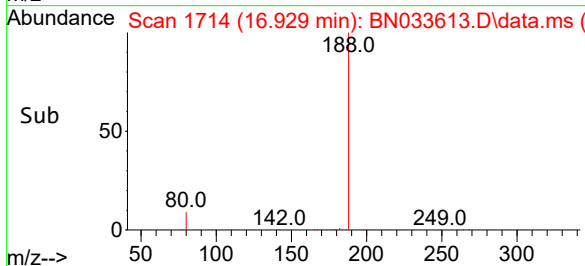
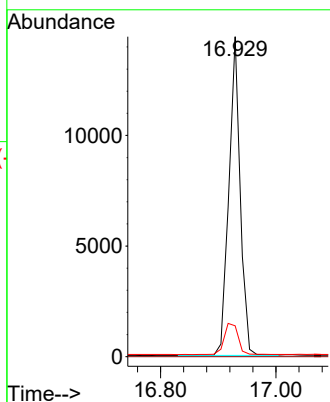
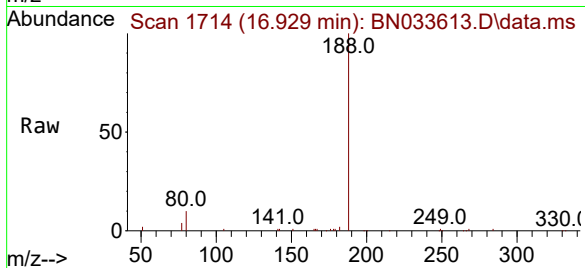
Tgt Ion:188 Resp: 19734

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.8 11.8



#25

Phenanthrene

Concen: 0.849 ng

RT: 16.967 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

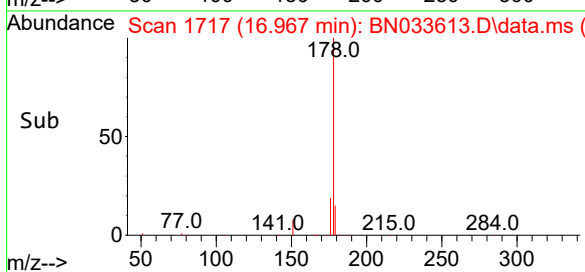
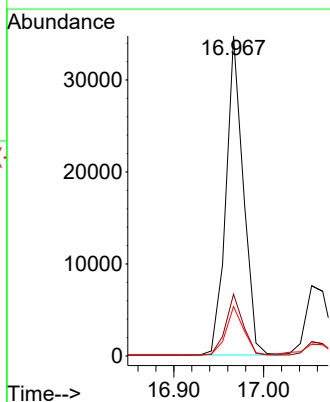
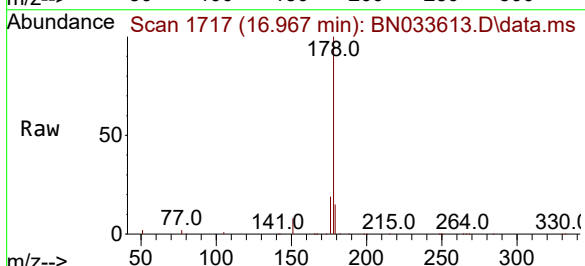
Tgt Ion:178 Resp: 46598

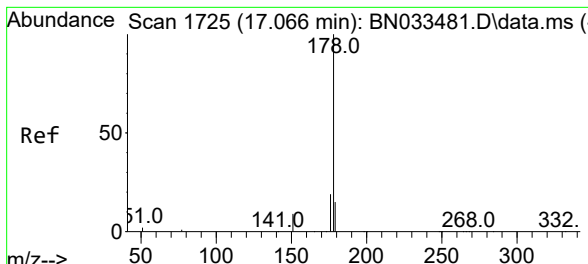
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.3 12.3 18.5

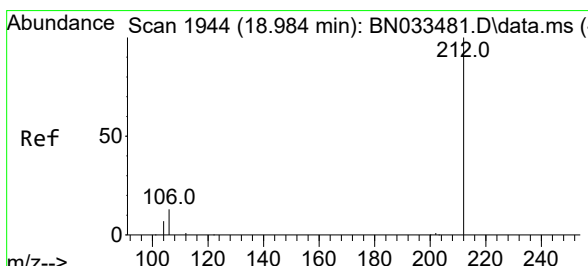
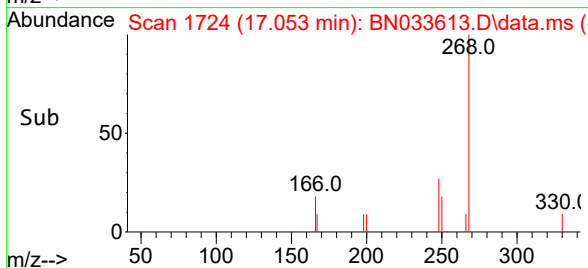
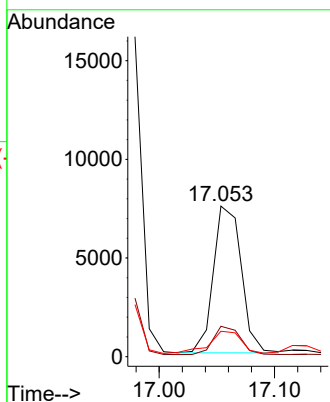
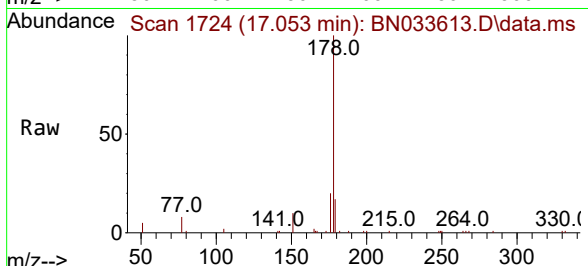




#26
 Anthracene
 Concen: 0.258 ng
 RT: 17.053 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN033613.D
 Acq: 24 Aug 2024 05:57

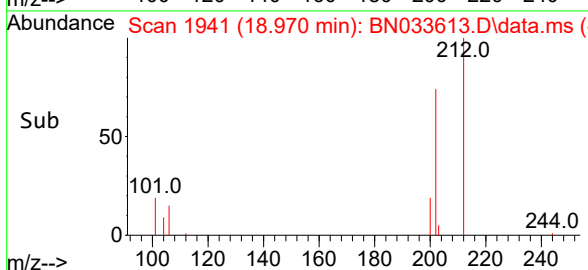
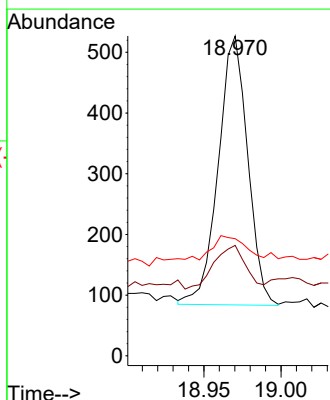
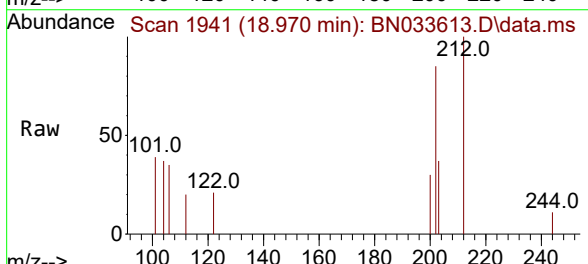
Instrument :
 BNA_N
 ClientSampleId :
 S-905-J-SO-0-0.5-081924-FDDL

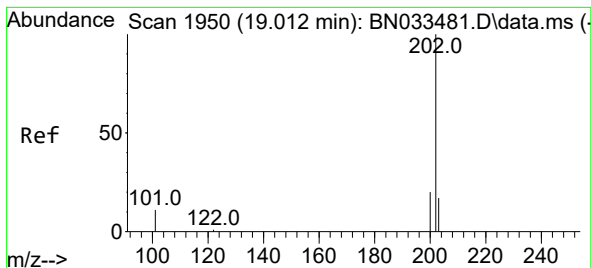
Tgt Ion:	178	Resp:	12522
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.0	22.6
179	17.6	12.4	18.6



#27
 Fluoranthene-d10
 Concen: 0.012 ng
 RT: 18.970 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BN033613.D
 Acq: 24 Aug 2024 05:57

Tgt Ion:	212	Resp:	588
Ion Ratio	Lower	Upper	
212	100		
106	17.3	12.3	18.5
104	10.0	7.0	10.4





#28

Fluoranthene

Concen: 2.655 ng

RT: 18.998 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-J-SO-0-0.5-081924-FDDL

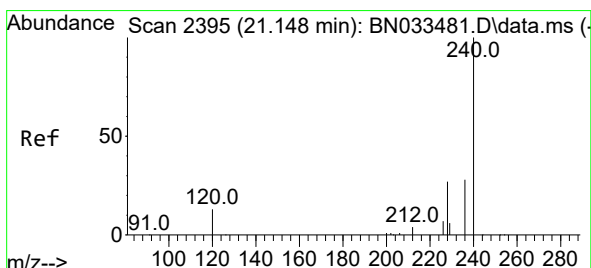
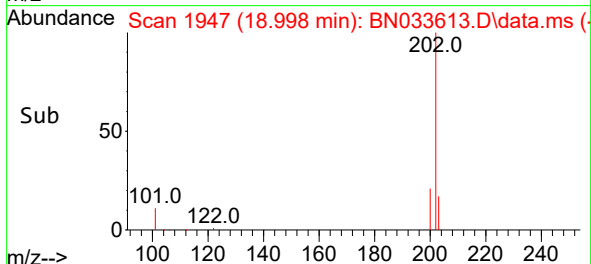
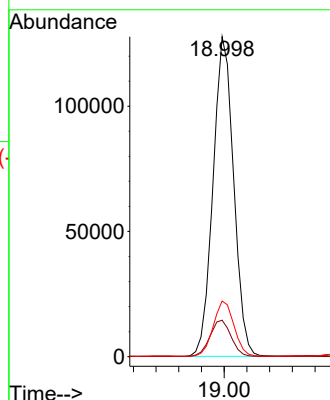
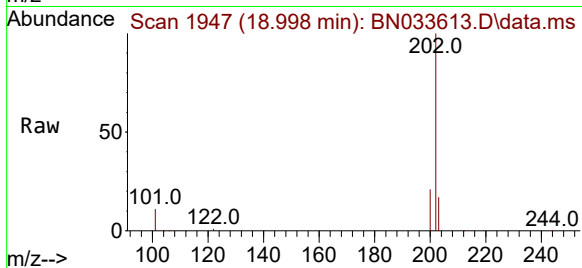
Tgt Ion:202 Resp: 161055

Ion Ratio Lower Upper

202 100

101 11.6 9.5 14.3

203 17.3 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.130 min Scan# 2393

Delta R.T. -0.009 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

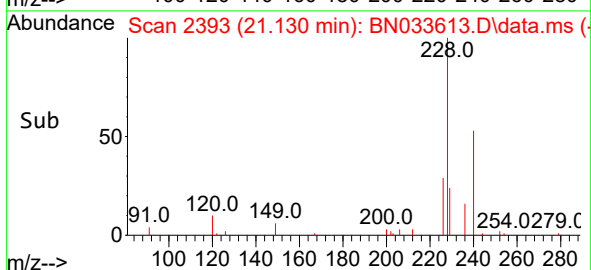
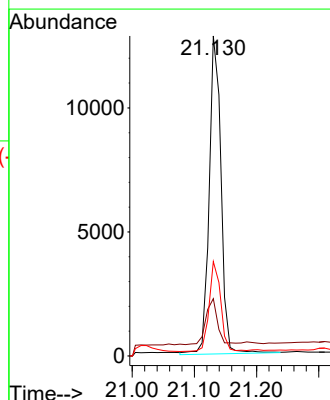
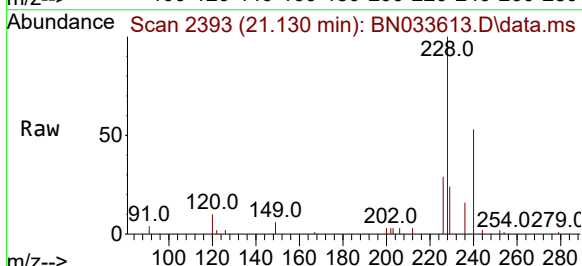
Tgt Ion:240 Resp: 16882

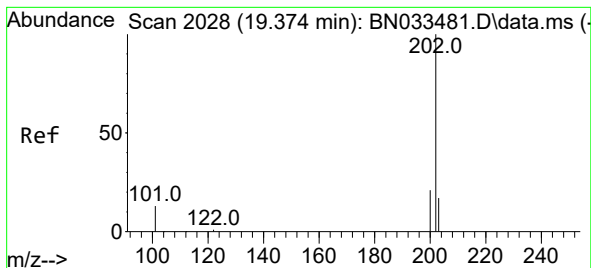
Ion Ratio Lower Upper

240 100

120 17.9 12.4 18.6

236 29.5 23.0 34.6





#30

Pyrene

Concen: 1.868 ng

RT: 19.360 min Scan# 2028

Delta R.T. -0.005 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

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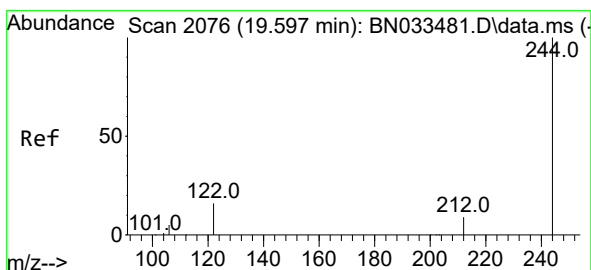
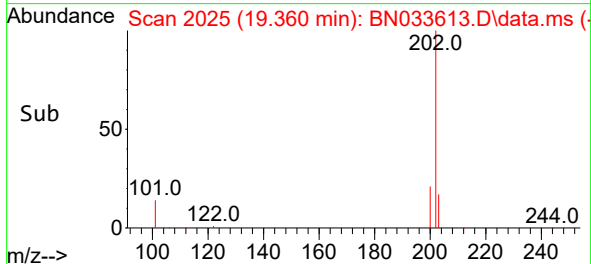
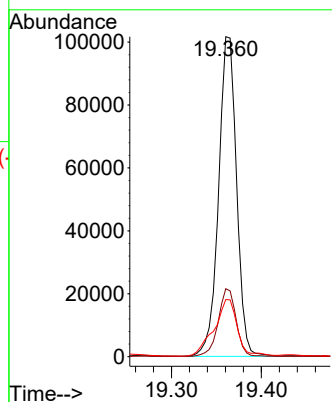
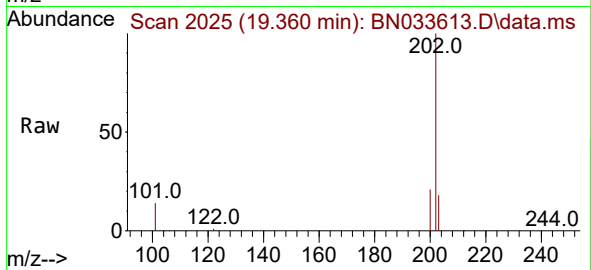
Tgt Ion:202 Resp: 140751

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 22.7 14.2 21.4#



#31

Terphenyl-d14

Concen: 0.011 ng

RT: 19.583 min Scan# 2073

Delta R.T. -0.000 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

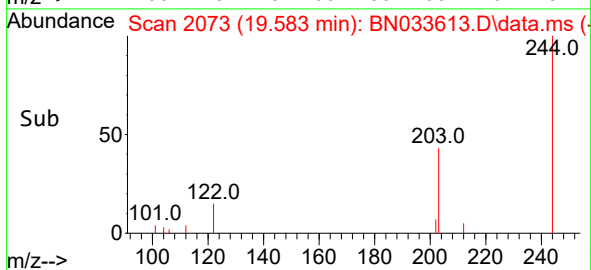
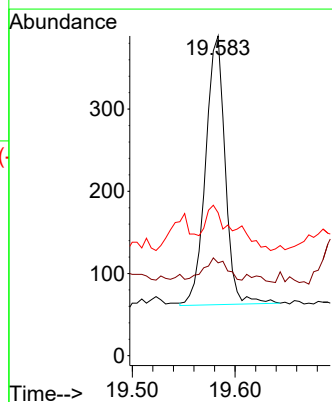
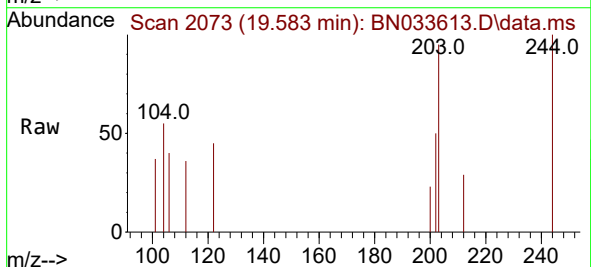
Tgt Ion:244 Resp: 431

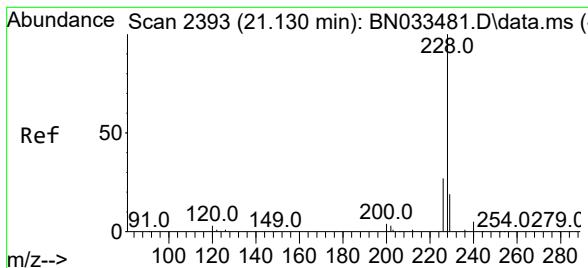
Ion Ratio Lower Upper

244 100

212 29.0 7.8 11.6#

122 44.7 13.3 19.9#





#32

Benzo(a)anthracene

Concen: 1.750 ng

RT: 21.121 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033613.D

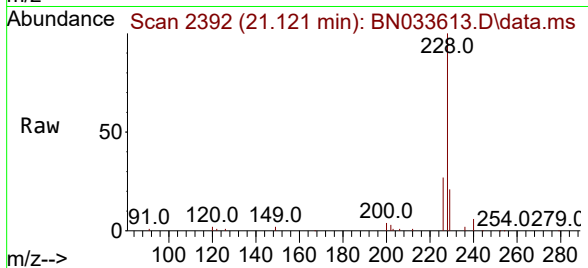
Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-J-SO-0-0.5-081924-FDDL



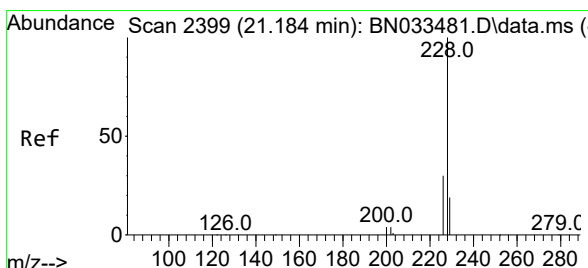
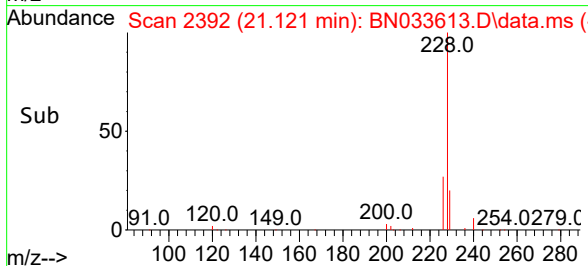
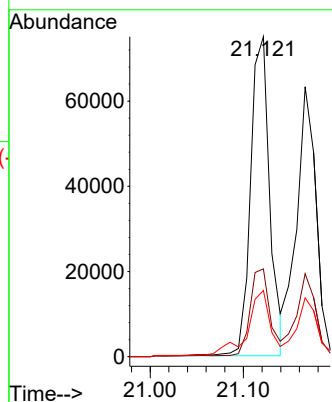
Tgt Ion:228 Resp: 106829

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

229 20.7 15.8 23.6



#33

Chrysene

Concen: 1.502 ng

RT: 21.166 min Scan# 2397

Delta R.T. -0.009 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

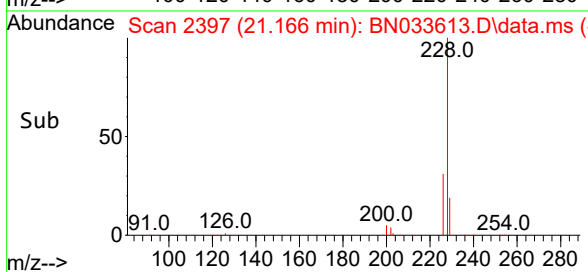
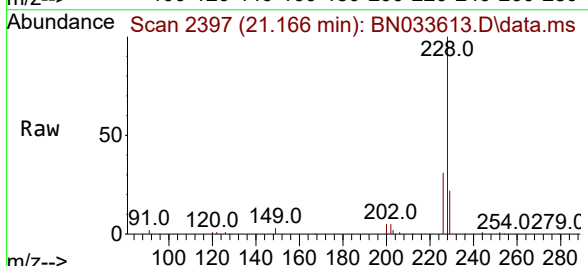
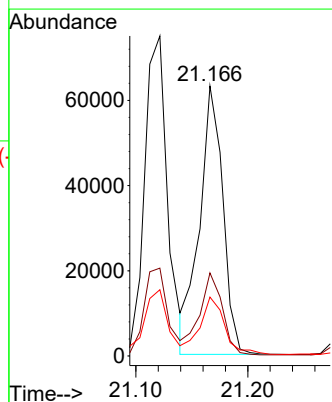
Tgt Ion:228 Resp: 91115

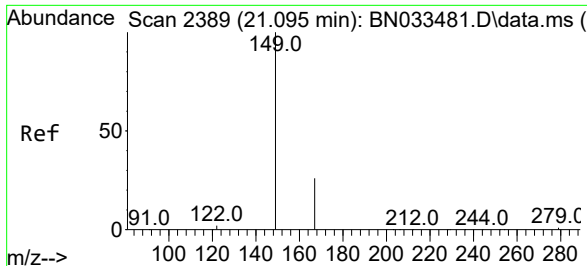
Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

229 21.8 15.6 23.4

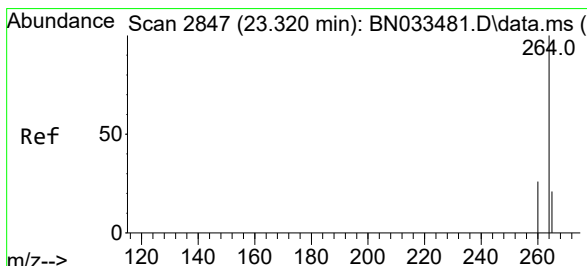
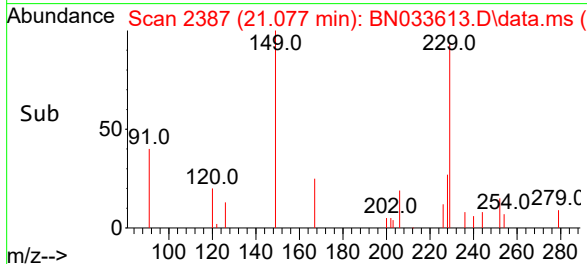
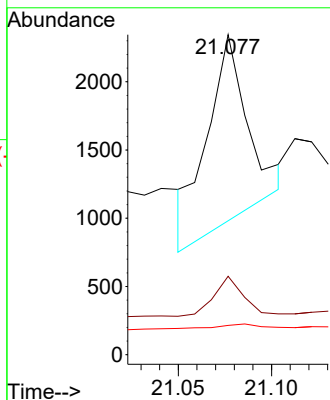
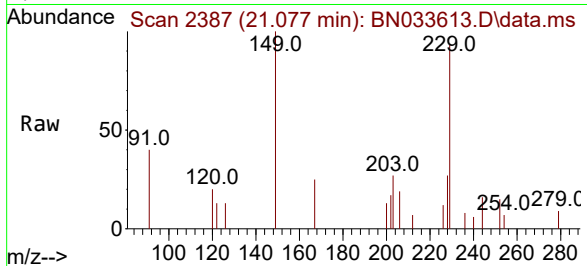




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.077 min Scan# 2111
 Delta R.T. -0.009 min
 Lab File: BN033613.D
 Acq: 24 Aug 2024 05:57

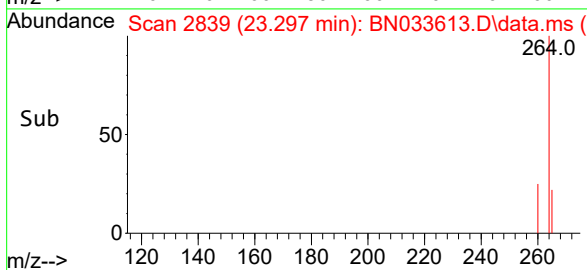
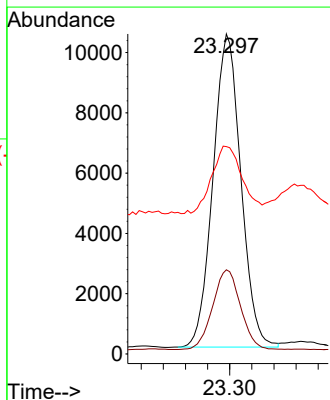
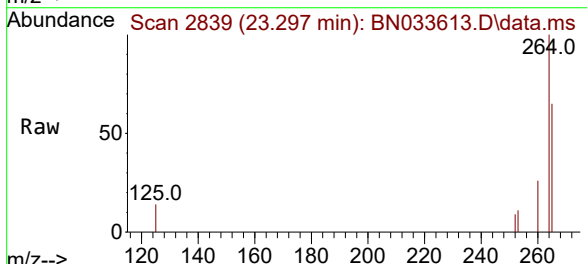
Instrument :
 BNA_N
 ClientSampleId :
 S-905-J-SO-0-0.5-081924-FDDL

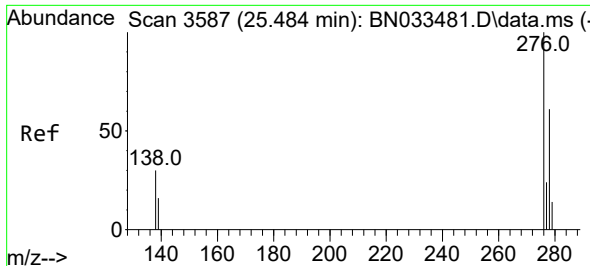
Tgt Ion:	149	Resp:	2111
Ion Ratio	Lower	Upper	
149	100		
167	93.8	21.5	32.3#
279	60.8	2.2	3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.297 min Scan# 2839
 Delta R.T. -0.006 min
 Lab File: BN033613.D
 Acq: 24 Aug 2024 05:57

Tgt Ion:	264	Resp:	18150
Ion Ratio	Lower	Upper	
264	100		
260	26.3	20.8	31.2
265	64.8	52.2	78.2

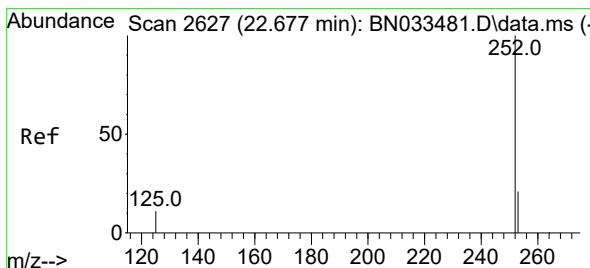
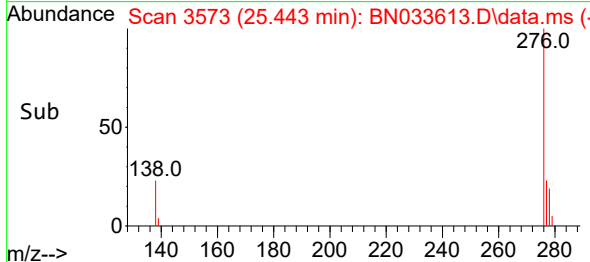
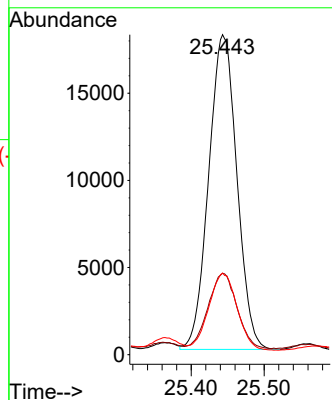
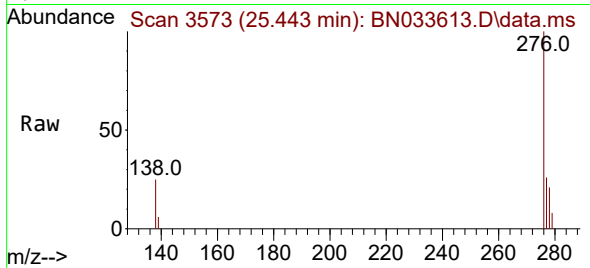




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.644 ng
 RT: 25.443 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN033613.D
 Acq: 24 Aug 2024 05:57

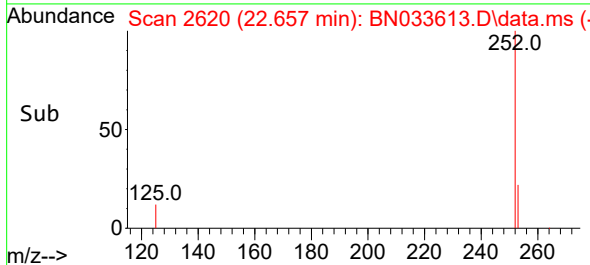
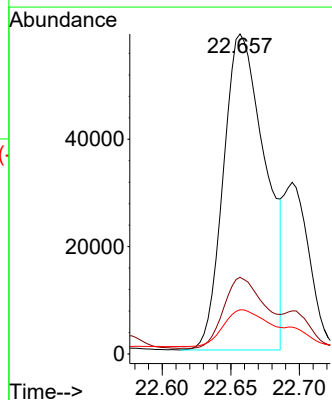
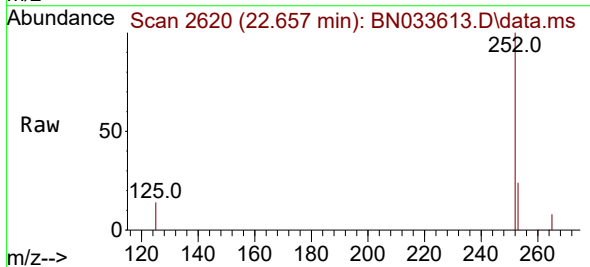
Instrument :
 BNA_N
 ClientSampleId :
 S-905-J-SO-0-0.5-081924-FDDL

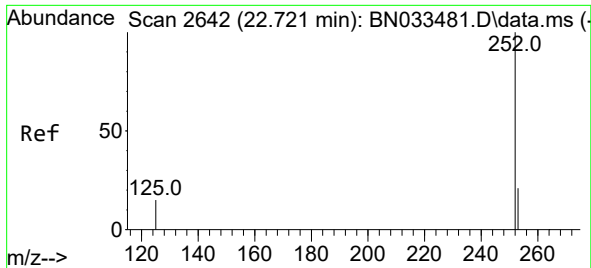
Tgt Ion:276 Resp: 48539
 Ion Ratio Lower Upper
 276 100
 138 24.4 24.4 36.6#
 277 24.6 19.8 29.6



#37
 Benzo(b)fluoranthene
 Concen: 1.849 ng
 RT: 22.657 min Scan# 2620
 Delta R.T. -0.003 min
 Lab File: BN033613.D
 Acq: 24 Aug 2024 05:57

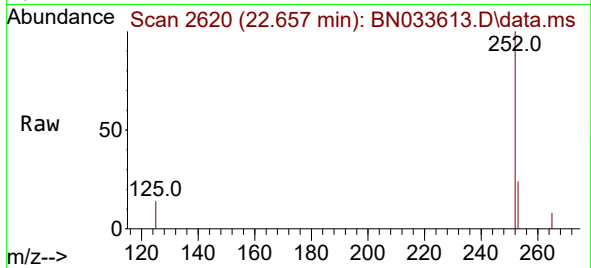
Tgt Ion:252 Resp: 125342
 Ion Ratio Lower Upper
 252 100
 253 24.0 19.8 29.8
 125 13.8 13.9 20.9#



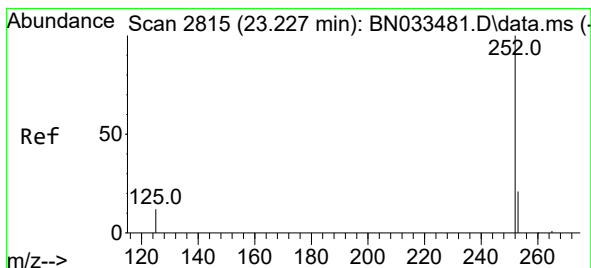
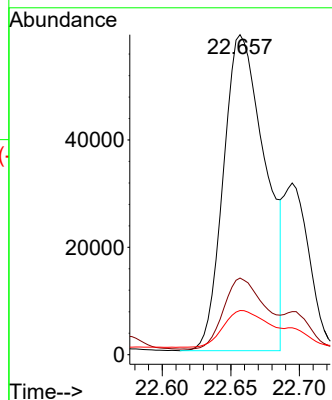


#38
Benzo(k)fluoranthene
Concen: 1.879 ng
RT: 22.657 min Scan# 21
Delta R.T. -0.047 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-J-SO-0-0.5-081924-FDDL

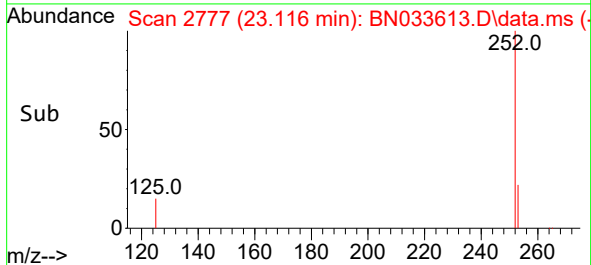
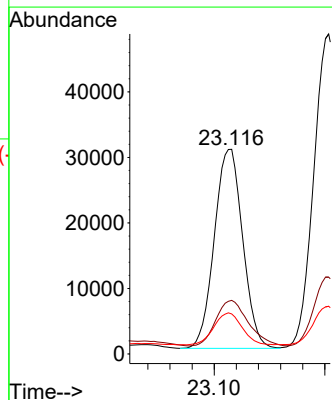
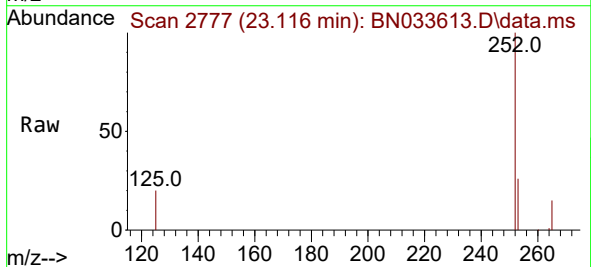


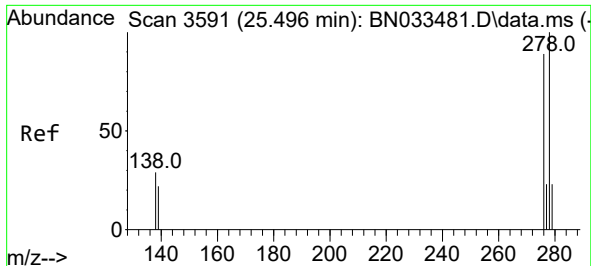
Tgt Ion:252 Resp: 125342
Ion Ratio Lower Upper
252 100
253 24.0 19.8 29.8
125 13.8 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.965 ng
RT: 23.116 min Scan# 2777
Delta R.T. -0.094 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:252 Resp: 54102
Ion Ratio Lower Upper
252 100
253 26.2 21.5 32.3
125 19.6 17.0 25.4

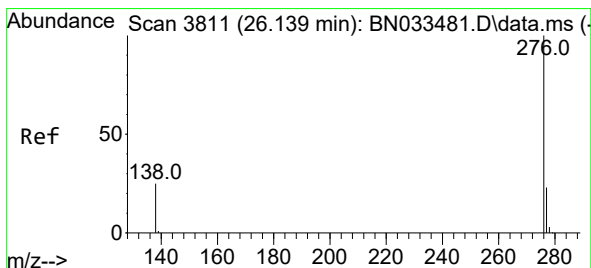
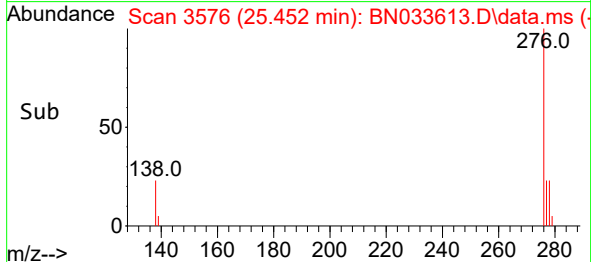
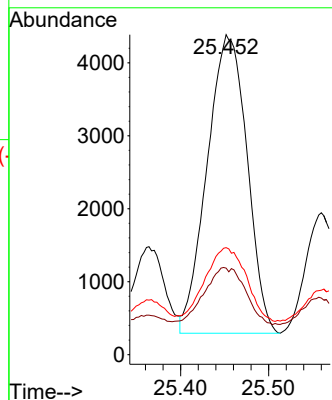
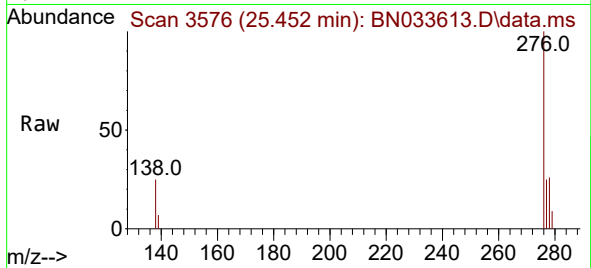




#40
Dibenzo(a,h)anthracene
Concen: 0.214 ng
RT: 25.452 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-J-SO-0-0.5-081924-FDDL

Tgt Ion:278 Resp: 12902
Ion Ratio Lower Upper
278 100
139 27.1 19.1 28.7
279 33.4 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.670 ng
RT: 26.098 min Scan# 3797
Delta R.T. -0.006 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:276 Resp: 43198
Ion Ratio Lower Upper
276 100
277 24.5 19.7 29.5
138 26.1 21.8 32.6

