

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033533.D
 Acq On : 21 Aug 2024 08:51
 Operator : MA/JU
 Sample : P3643-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 917-J-SD-0-0.5-081524

Quant Time: Aug 21 09:28:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

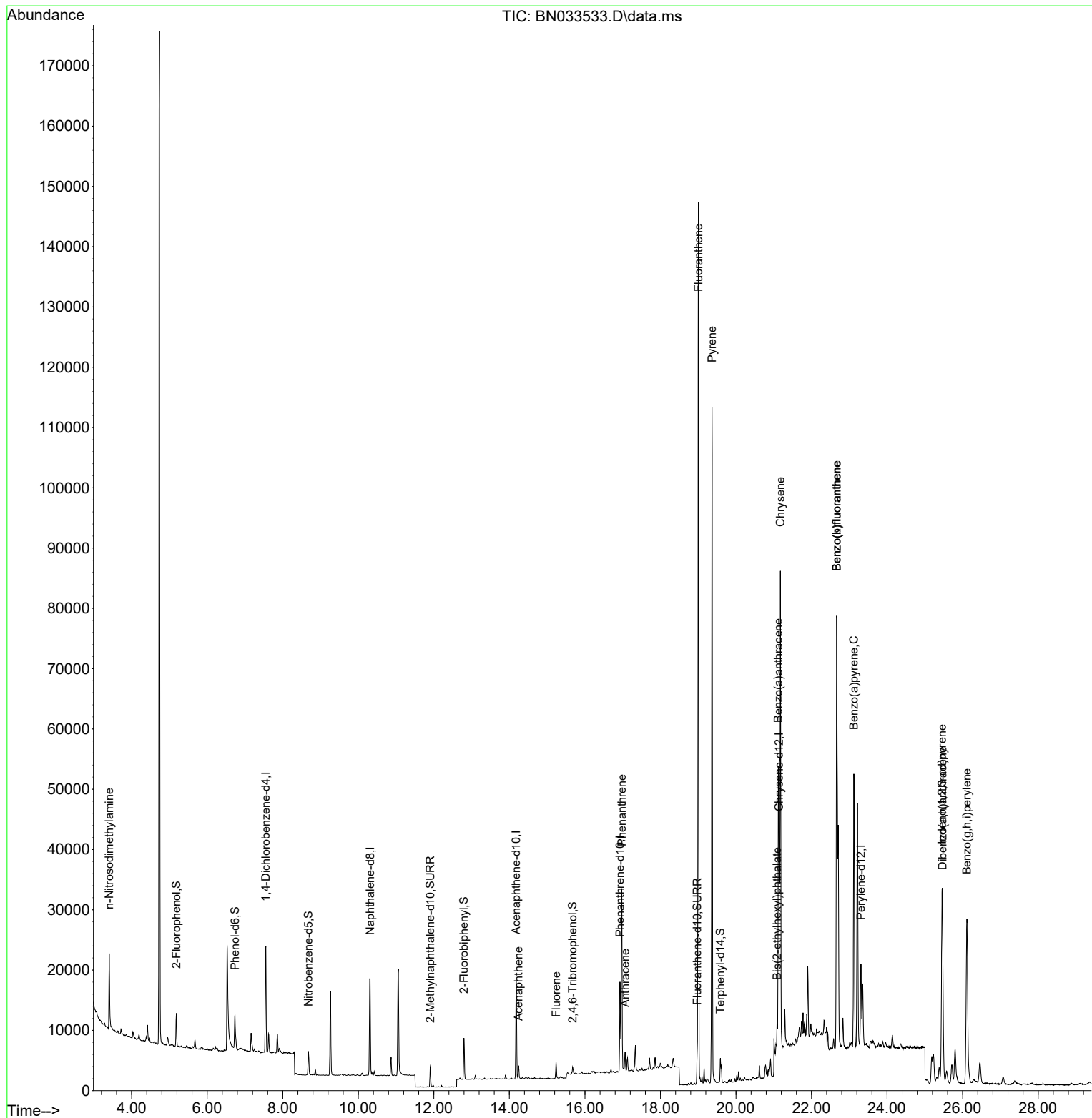
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8553	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22144	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	9918	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19249	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	16046	0.400	ng	0.00
35) Perylene-d12	23.309	264	16796	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3961	0.146	ng	0.00
5) Phenol-d6	6.736	99	4814	0.149	ng	0.00
8) Nitrobenzene-d5	8.681	82	2908	0.158	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	4351	0.137	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	582	0.109	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	5815	0.144	ng	-0.01
27) Fluoranthene-d10	18.975	212	5555	0.120	ng	0.00
31) Terphenyl-d14	19.588	244	3637	0.100	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.406	42	2107	0.184	ng	# 1
17) Acenaphthene	14.242	154	976	0.032	ng	93
18) Fluorene	15.236	166	1963	0.051	ng	89
25) Phenanthrene	16.979	178	36172	0.675	ng	100
26) Anthracene	17.066	178	3158	0.067	ng	# 89
28) Fluoranthene	19.003	202	125290	2.117	ng	100
30) Pyrene	19.365	202	99369	1.388	ng	96
32) Benzo(a)anthracene	21.121	228	37885	0.653	ng	97
33) Chrysene	21.175	228	69010	1.197	ng	98
34) Bis(2-ethylhexyl)phtha...	21.085	149	4843	0.132	ng	# 73
36) Indeno(1,2,3-cd)pyrene	25.457	276	50436	0.723	ng	95
37) Benzo(b)fluoranthene	22.665	252	107512	1.714	ng	95
38) Benzo(k)fluoranthene	22.665	252	107512	1.741	ng	# 93
39) Benzo(a)pyrene	23.121	252	54572	1.052	ng	97
40) Dibenzo(a,h)anthracene	25.469	278	10084	0.181	ng	91
41) Benzo(g,h,i)perylene	26.112	276	52761	0.885	ng	99

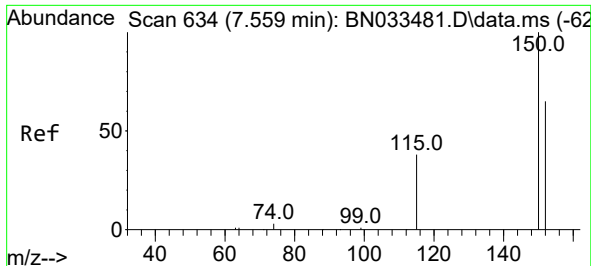
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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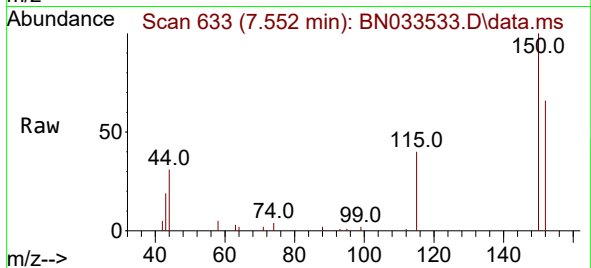
Quant Time: Aug 21 09:28:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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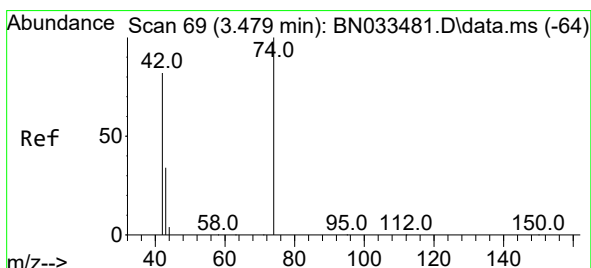
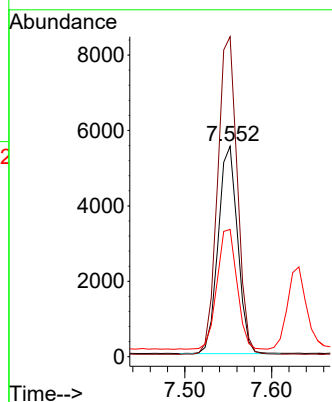
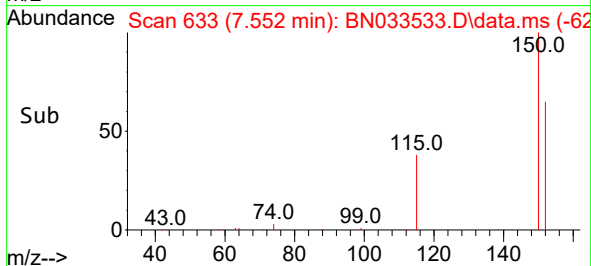


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

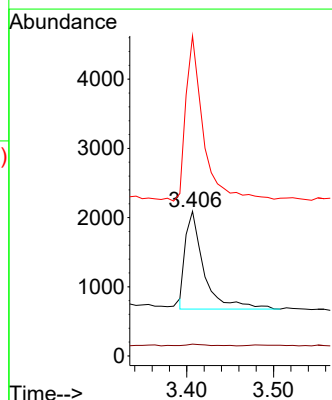
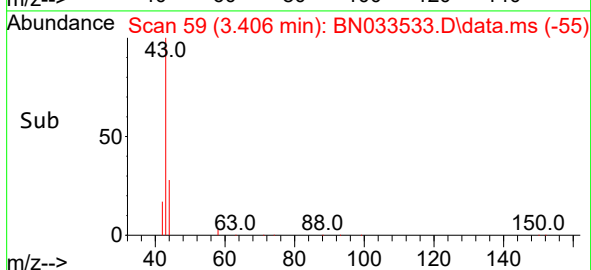
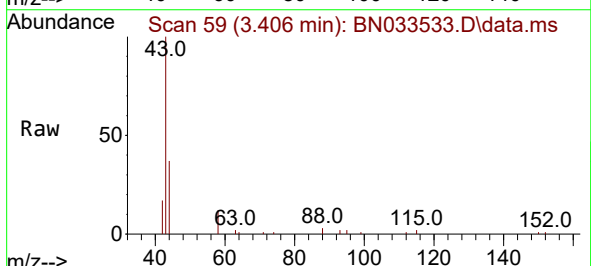


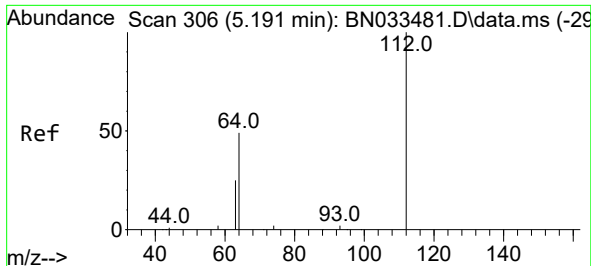
Tgt Ion:152 Resp: 8553
Ion Ratio Lower Upper
152 100
150 152.1 122.2 183.2
115 60.5 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.184 ng
RT: 3.406 min Scan# 59
Delta R.T. -0.072 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion: 42 Resp: 2107
Ion Ratio Lower Upper
42 100
74 1.9 100.2 150.2#
44 150.3 5.3 7.9#

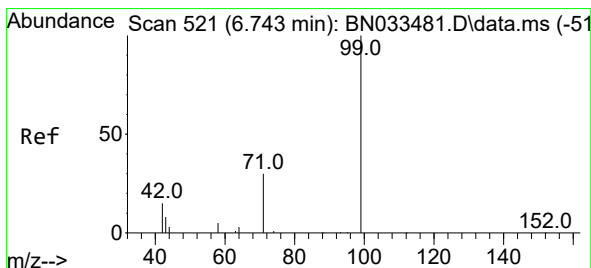
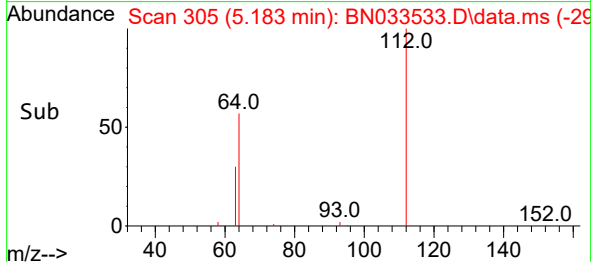
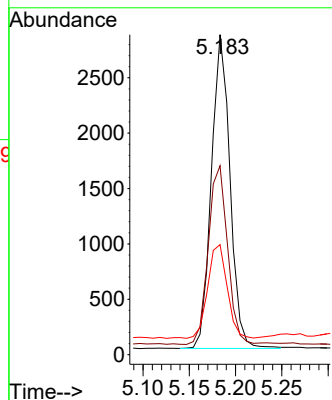
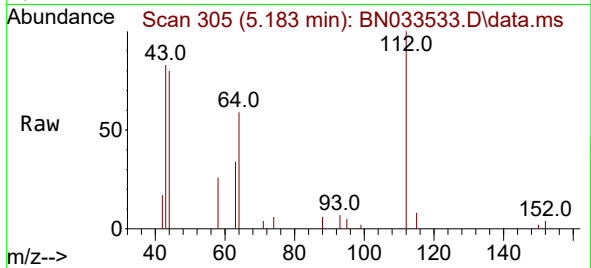




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

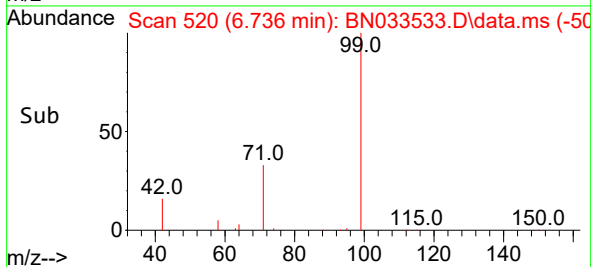
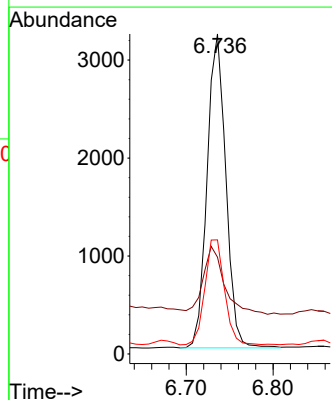
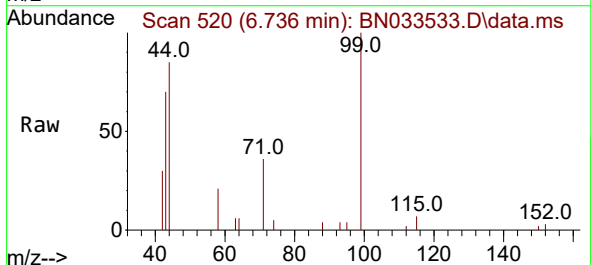
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

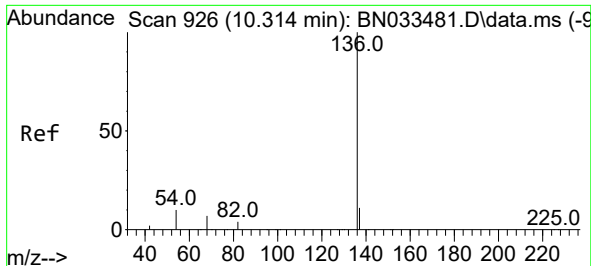
Tgt Ion:	112	Resp:	3961
Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.1	70.7
63	31.3	24.9	37.3



#5
Phenol-d6
Concen: 0.149 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:	99	Resp:	4814
Ion	Ratio	Lower	Upper
99	100		
42	24.4	16.6	24.8
71	35.1	26.2	39.4

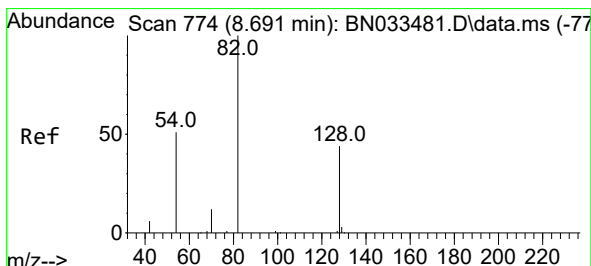
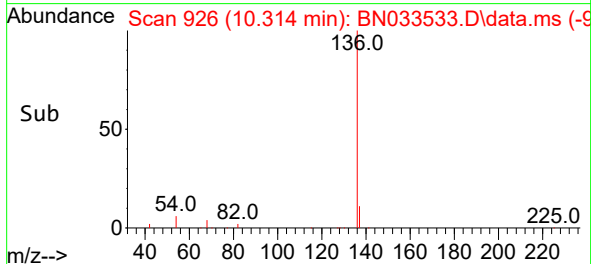
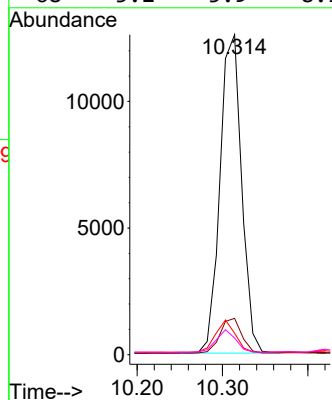
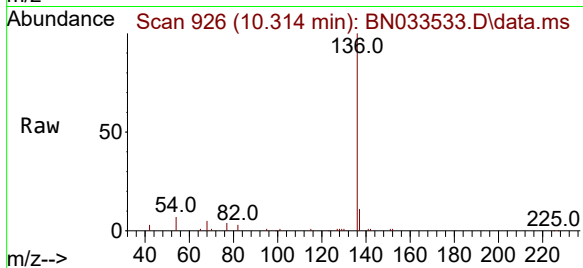




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

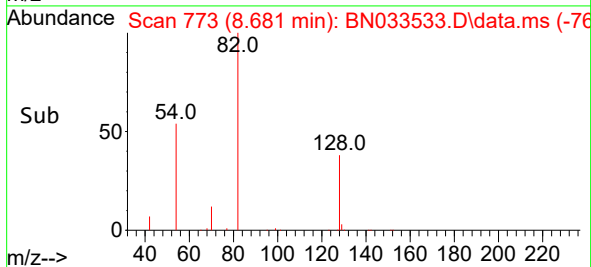
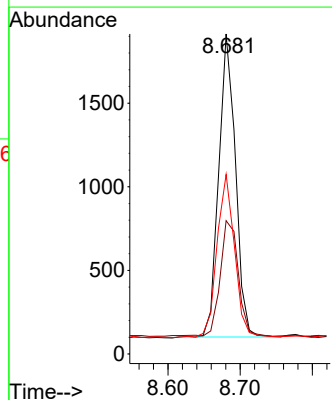
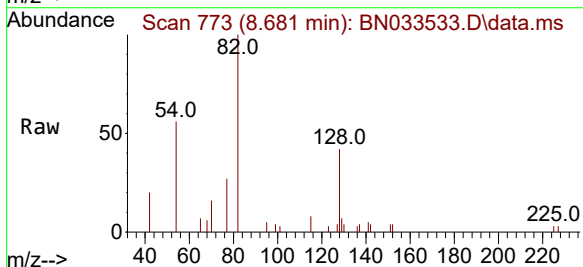
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

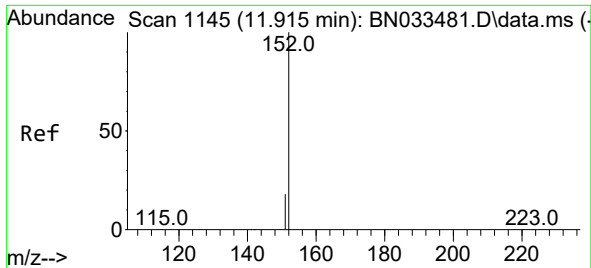
Tgt Ion:	136	Resp:	22144
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	6.7	8.3	12.5#
68	5.2	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:	82	Resp:	2908
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.0	54.0
54	56.1	42.0	63.0

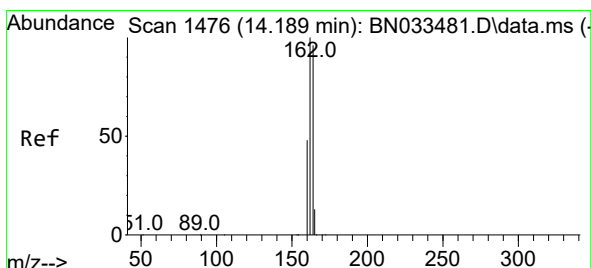
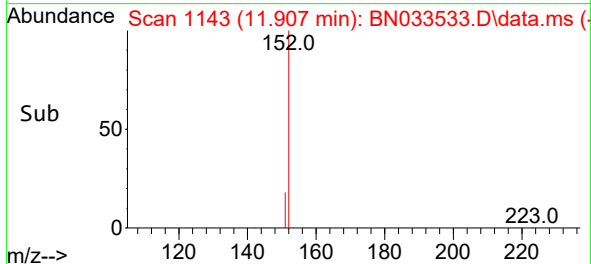
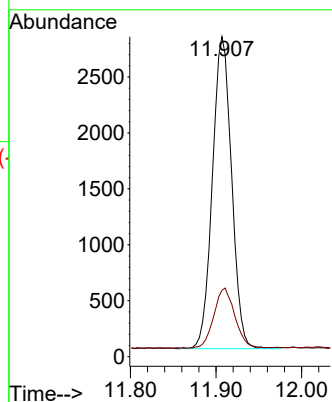
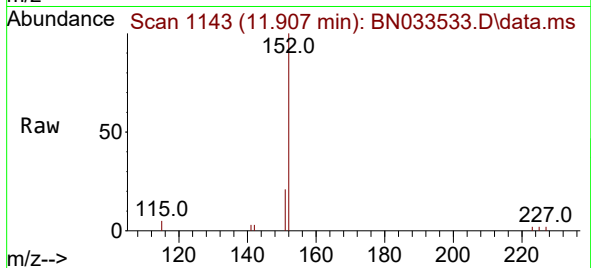




#11
2-Methylnaphthalene-d10
Concen: 0.137 ng
RT: 11.907 min Scan# 1143
Delta R.T. -0.008 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

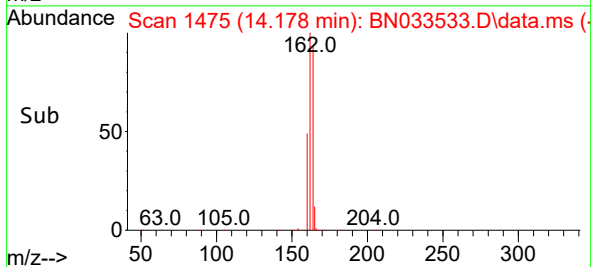
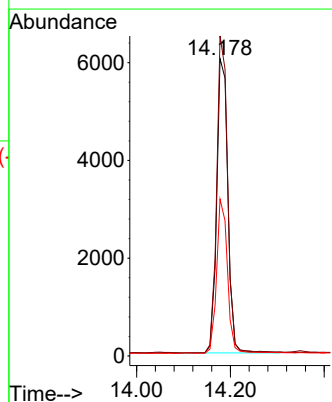
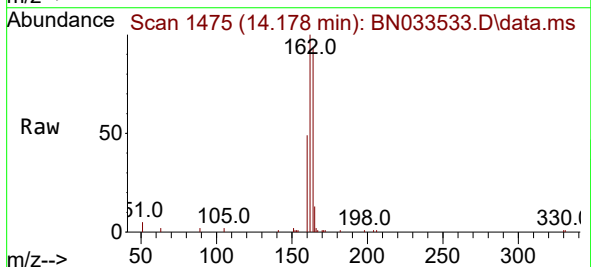
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

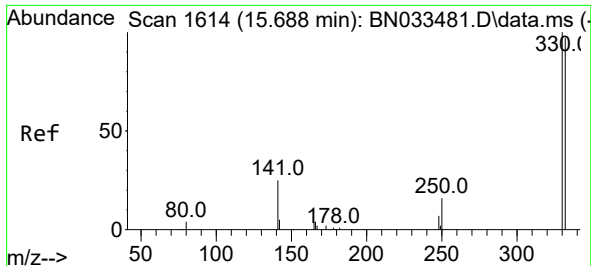
Tgt Ion:152 Resp: 4351
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

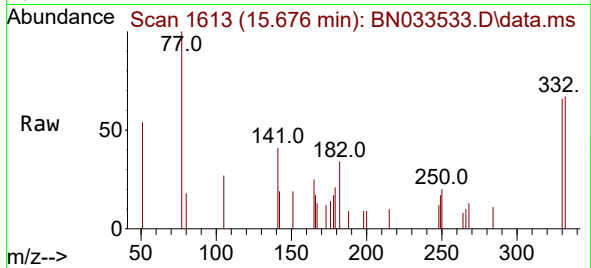
Tgt Ion:164 Resp: 9918
Ion Ratio Lower Upper
164 100
162 107.6 83.5 125.3
160 52.7 40.2 60.4



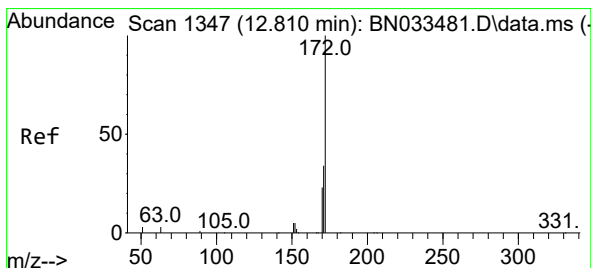
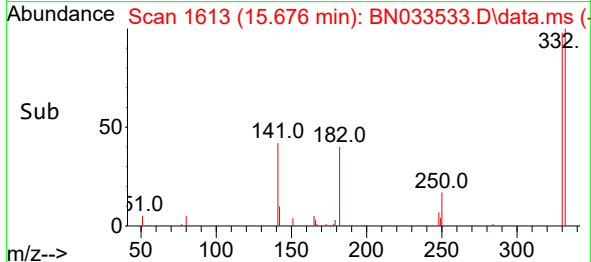
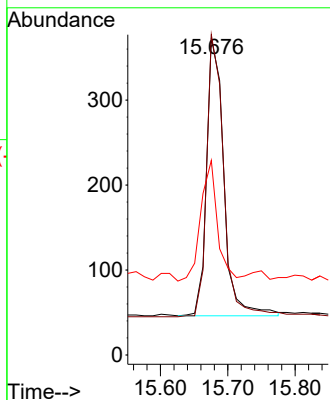


#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.013 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

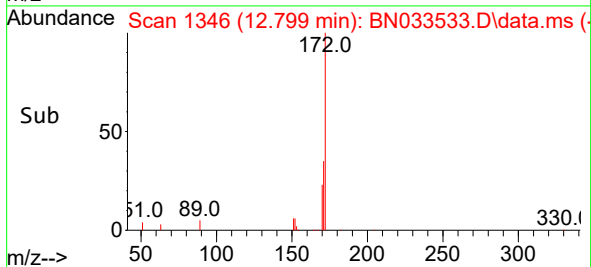
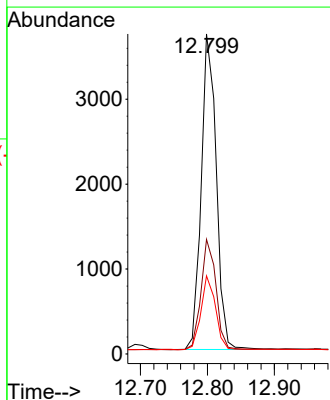
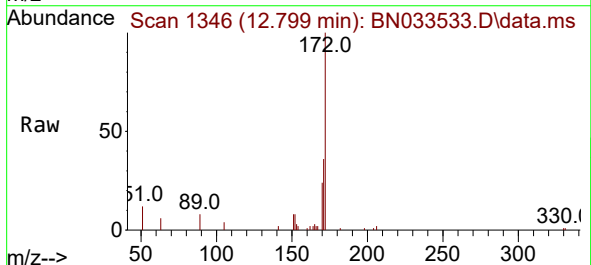


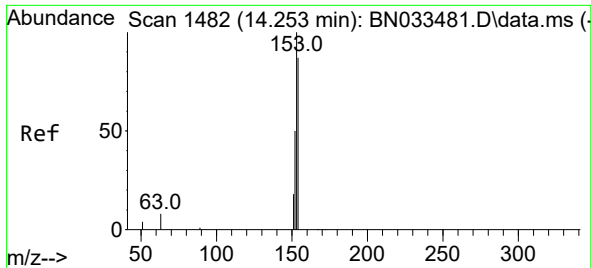
Tgt Ion:330 Resp: 582
Ion Ratio Lower Upper
330 100
332 99.0 77.5 116.3
141 41.9 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.144 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:172 Resp: 5815
Ion Ratio Lower Upper
172 100
171 35.8 27.7 41.5
170 24.4 18.3 27.5

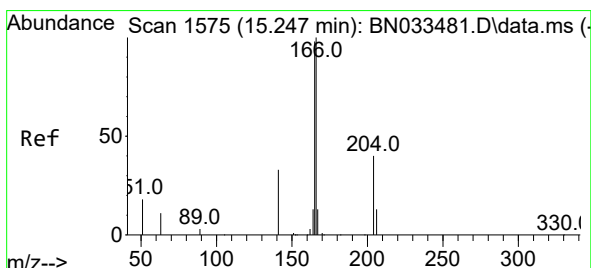
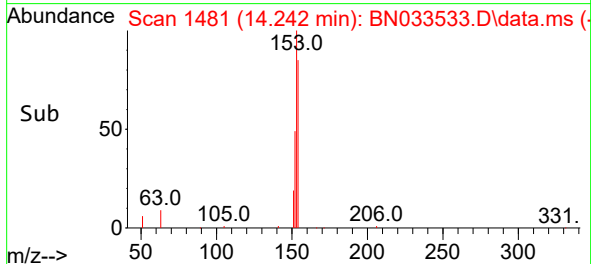
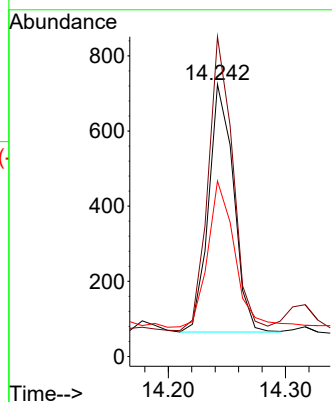
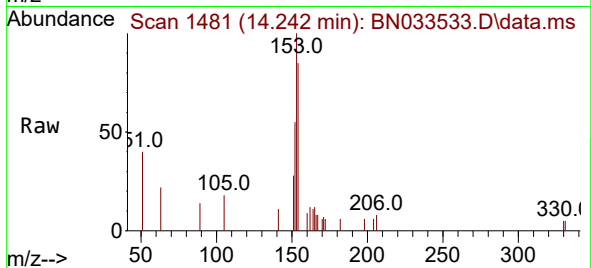




#17
Acenaphthene
Concen: 0.032 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.011 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

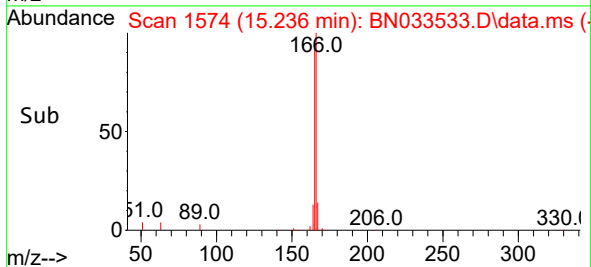
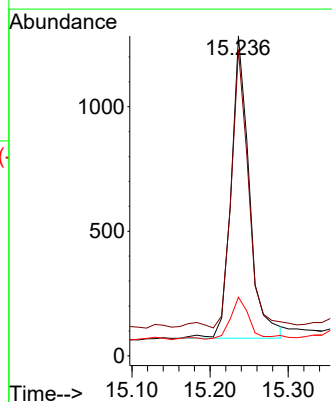
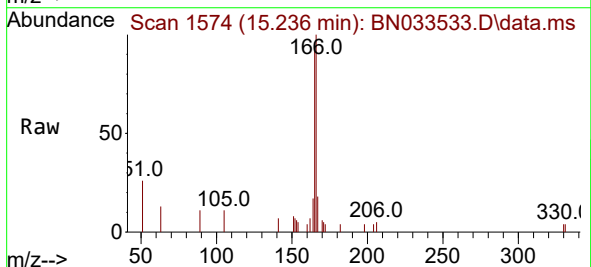
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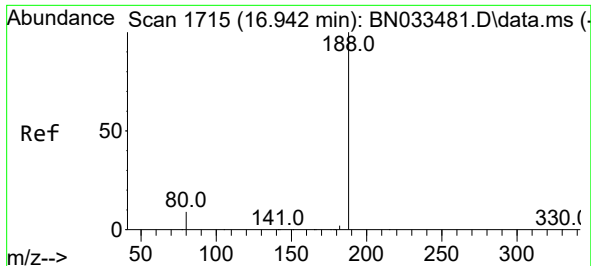
Tgt Ion:	154	Resp:	976
Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.0	133.6
152	62.9	45.2	67.8



#18
Fluorene
Concen: 0.051 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033533.D
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Tgt Ion:	166	Resp:	1963
Ion	Ratio	Lower	Upper
166	100		
165	85.6	78.2	117.4
167	13.9	10.6	16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.013 min

Lab File: BN033533.D

Acq: 21 Aug 2024 08:51

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0-0.5-081524

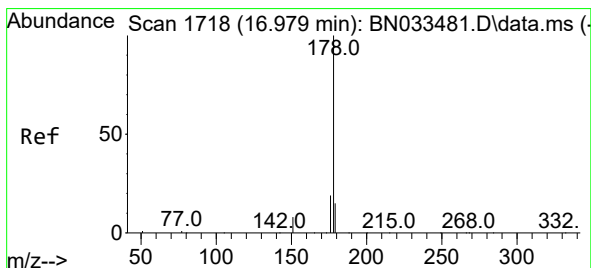
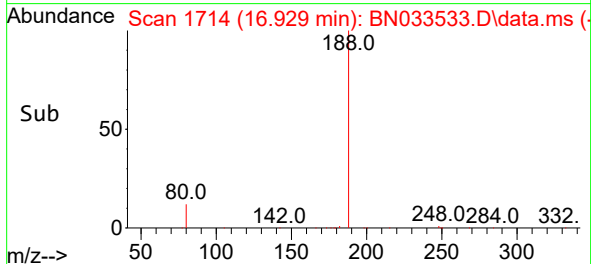
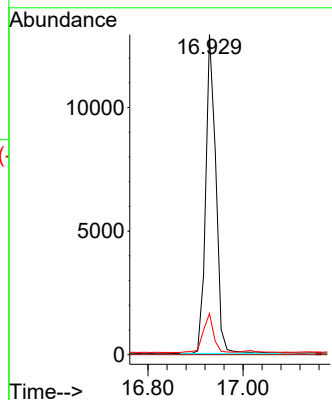
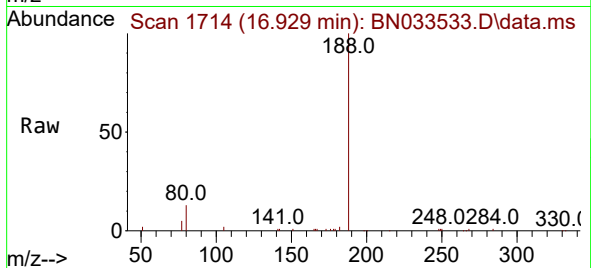
Tgt Ion:188 Resp: 19249

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 7.8 11.8#



#25

Phenanthrene

Concen: 0.675 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BN033533.D

Acq: 21 Aug 2024 08:51

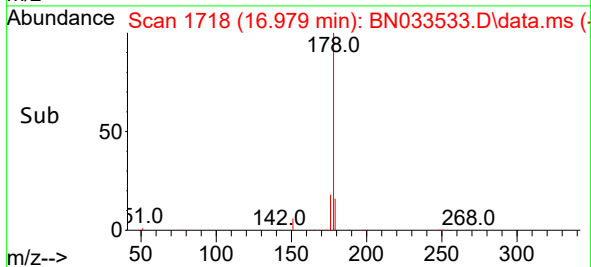
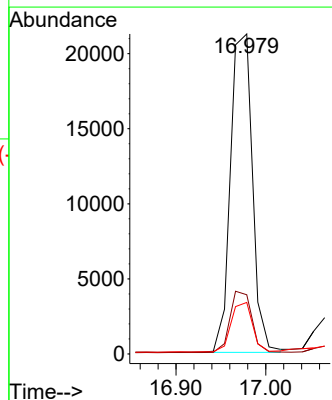
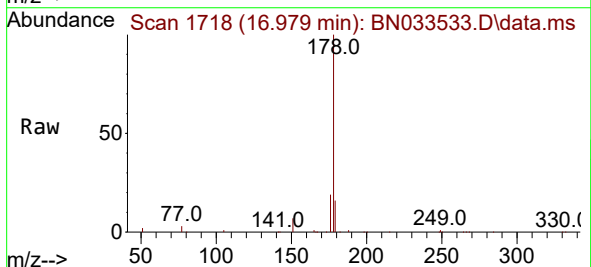
Tgt Ion:178 Resp: 36172

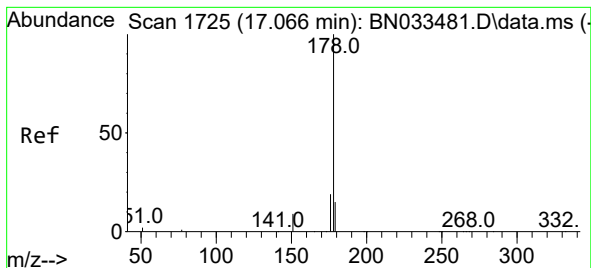
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.2 12.3 18.5





#26

Anthracene

Concen: 0.067 ng

RT: 17.066 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033533.D

Acq: 21 Aug 2024 08:51

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0-0.5-081524

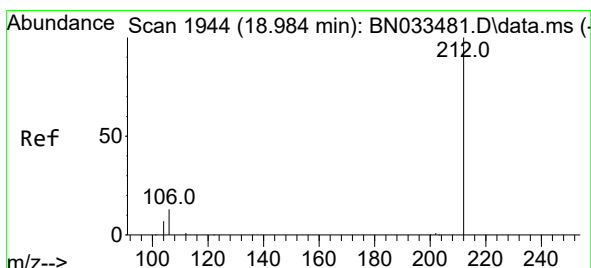
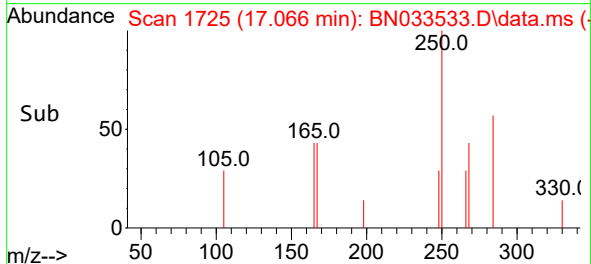
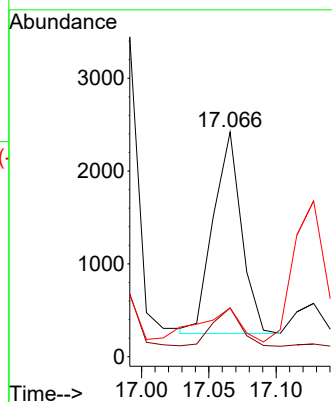
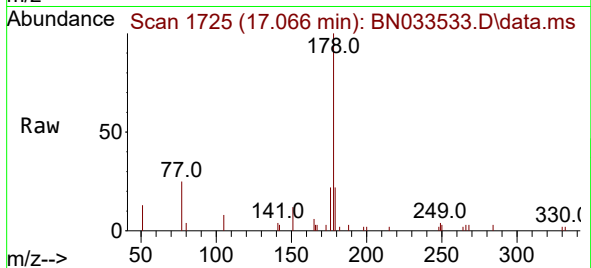
Tgt Ion:178 Resp: 3158

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

179 24.7 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.120 ng

RT: 18.975 min Scan# 1942

Delta R.T. -0.009 min

Lab File: BN033533.D

Acq: 21 Aug 2024 08:51

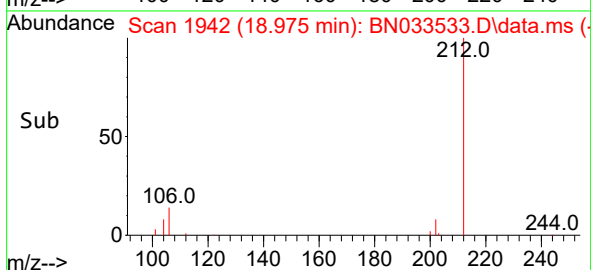
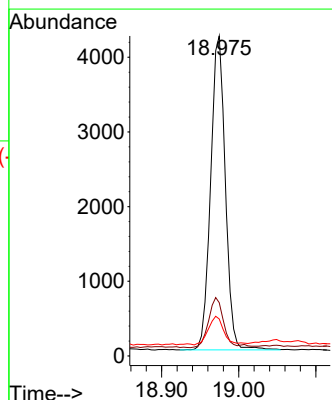
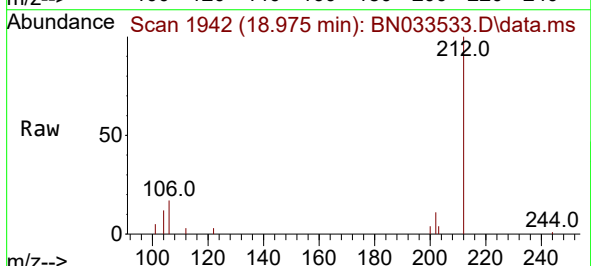
Tgt Ion:212 Resp: 5555

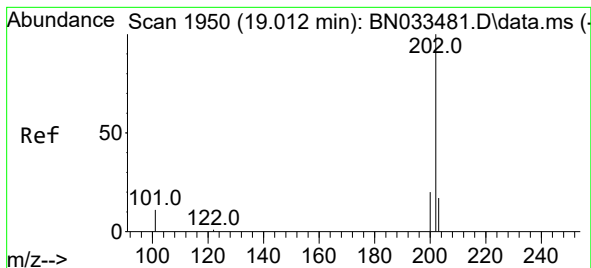
Ion Ratio Lower Upper

212 100

106 16.0 12.3 18.5

104 9.7 7.0 10.4





#28

Fluoranthene

Concen: 2.117 ng

RT: 19.003 min Scan# 1948

Delta R.T. -0.009 min

Lab File: BN033533.D

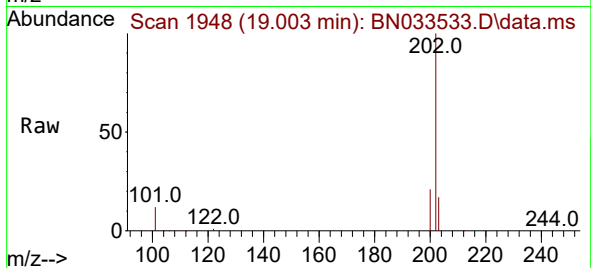
Acq: 21 Aug 2024 08:51

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0-0.5-081524



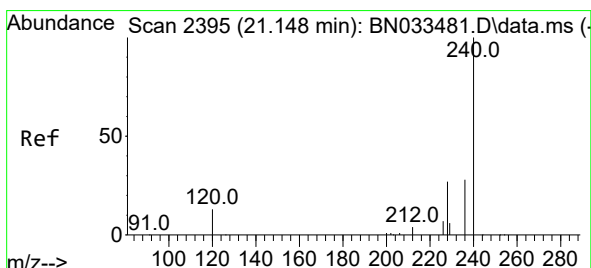
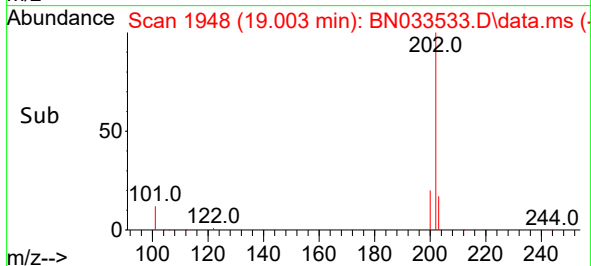
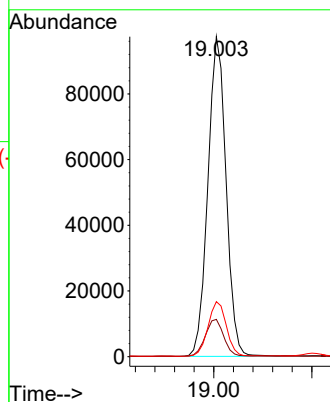
Tgt Ion:202 Resp: 125290

Ion Ratio Lower Upper

202 100

101 11.8 9.5 14.3

203 17.2 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN033533.D

Acq: 21 Aug 2024 08:51

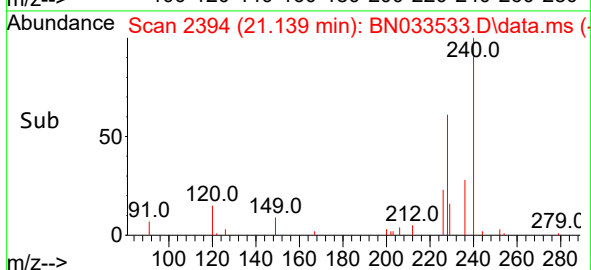
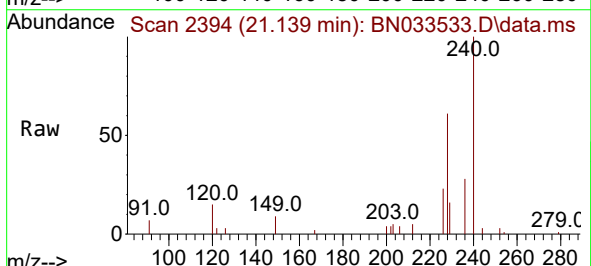
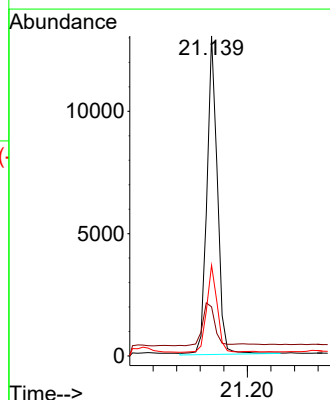
Tgt Ion:240 Resp: 16046

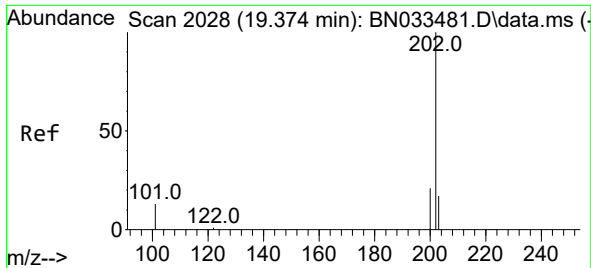
Ion Ratio Lower Upper

240 100

120 15.3 12.4 18.6

236 28.3 23.0 34.6

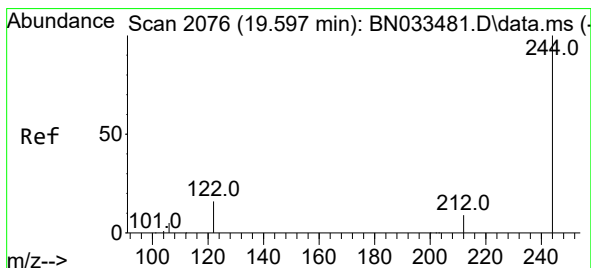
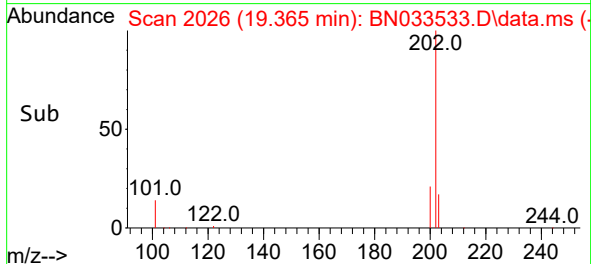
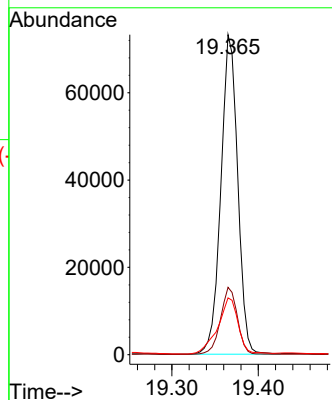
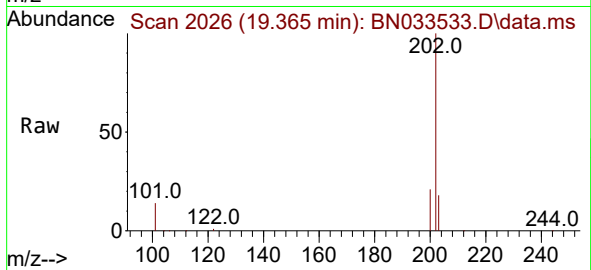




#30
Pyrene
Concen: 1.388 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.009 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

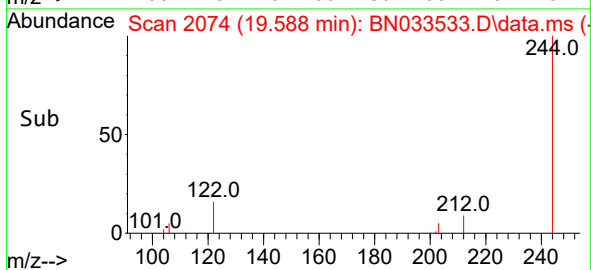
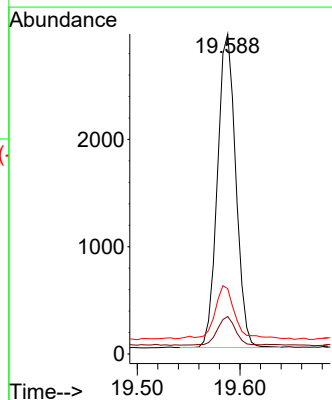
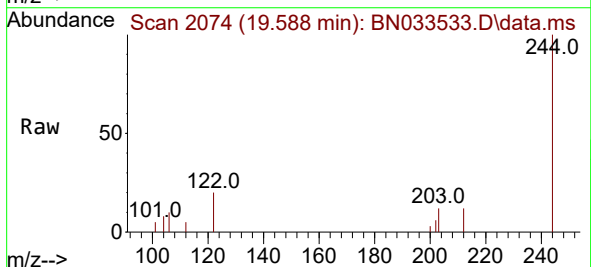
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

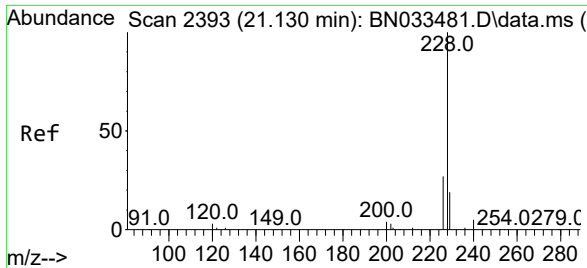
Tgt Ion:202 Resp: 99369
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 21.2 14.2 21.4



#31
Terphenyl-d14
Concen: 0.100 ng
RT: 19.588 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:244 Resp: 3637
Ion Ratio Lower Upper
244 100
212 11.7 7.8 11.6#
122 20.4 13.3 19.9#

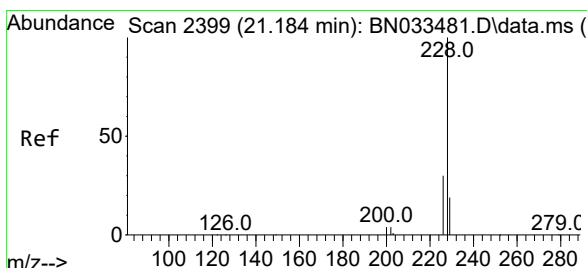
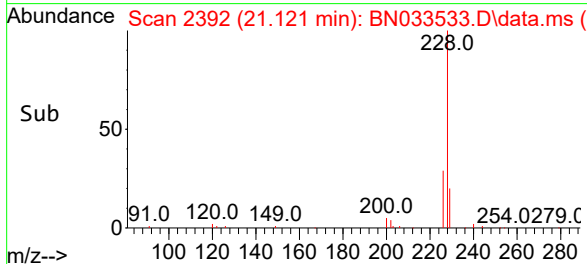
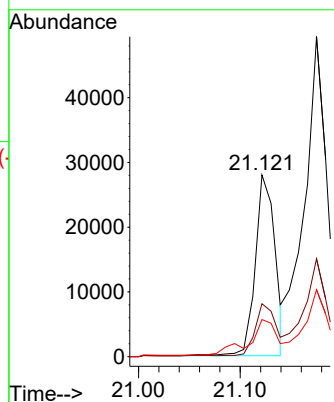
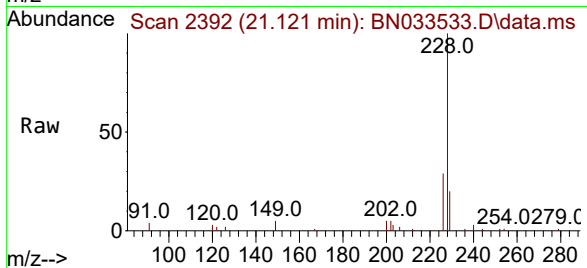




#32
Benzo(a)anthracene
Concen: 0.653 ng
RT: 21.121 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

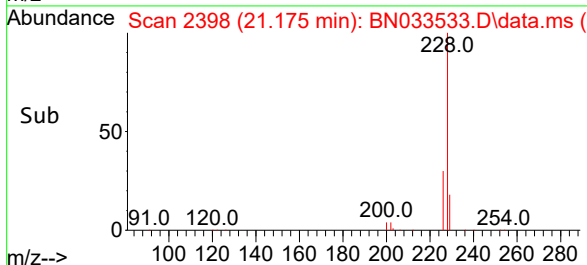
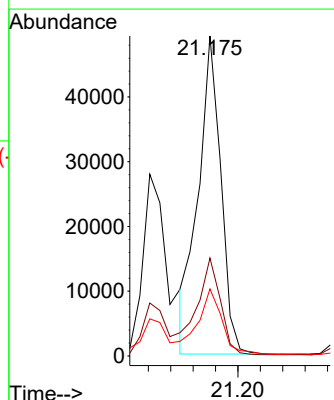
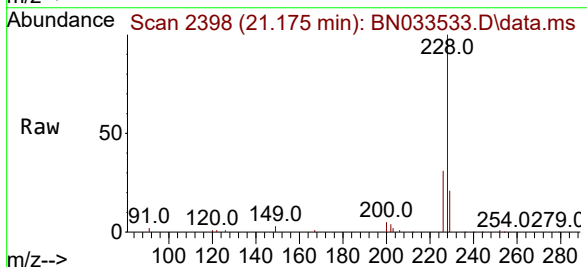
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

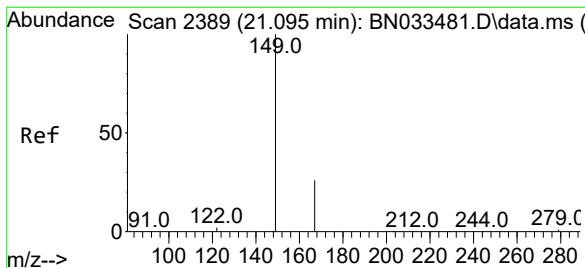
Tgt Ion:228 Resp: 37885
Ion Ratio Lower Upper
228 100
226 29.2 21.8 32.6
229 20.4 15.8 23.6



#33
Chrysene
Concen: 1.197 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:228 Resp: 69010
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 21.0 15.6 23.4

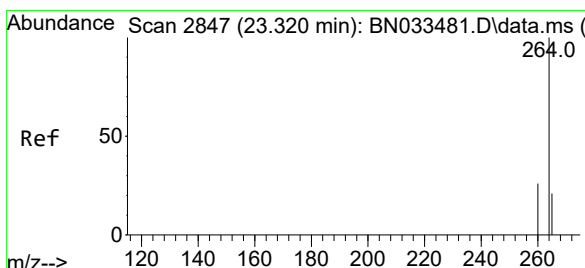
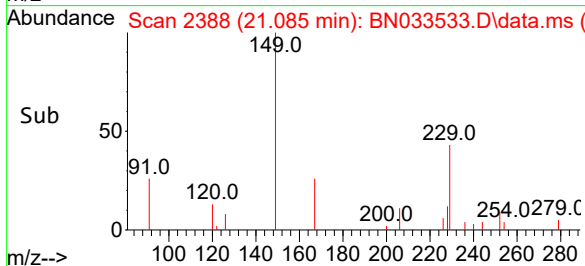
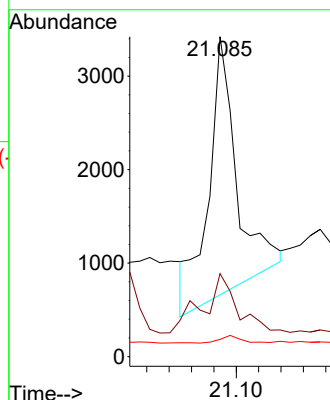
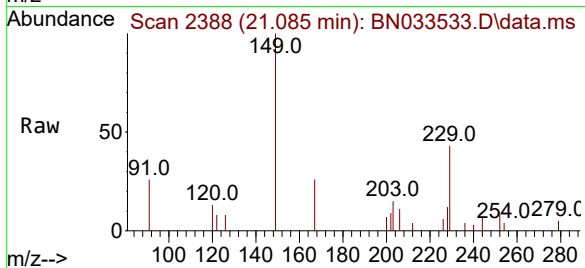




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 21.085 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

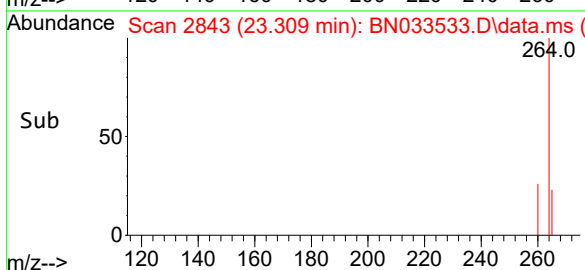
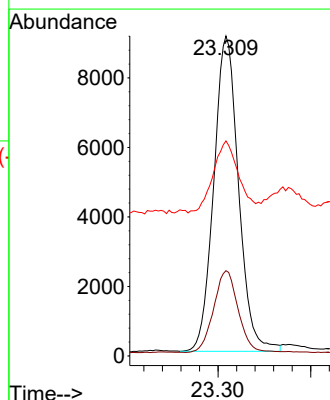
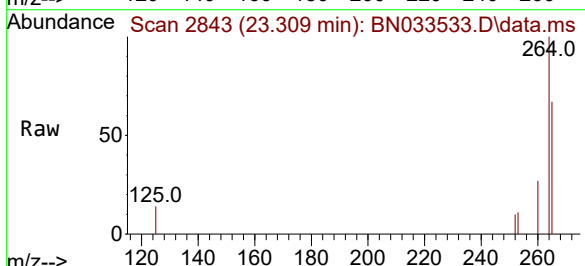
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

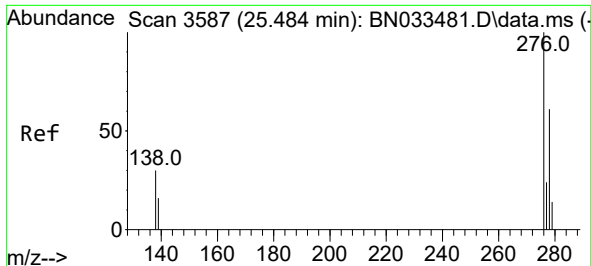
Tgt Ion:149 Resp: 4843
Ion Ratio Lower Upper
149 100
167 42.1 21.5 32.3#
279 4.7 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:264 Resp: 16796
Ion Ratio Lower Upper
264 100
260 26.7 20.8 31.2
265 67.2 52.2 78.2

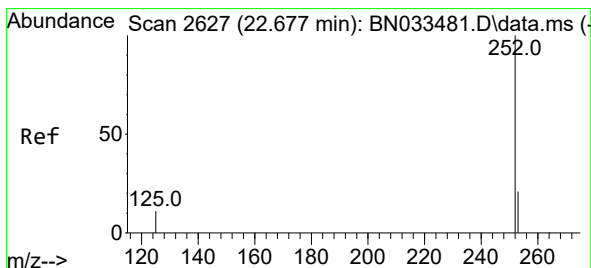
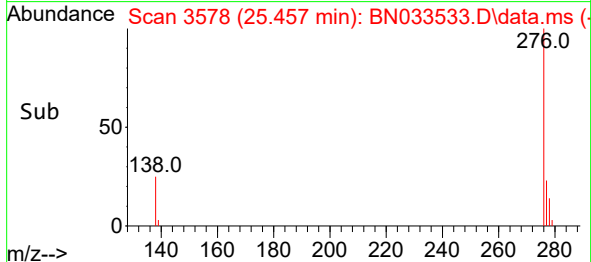
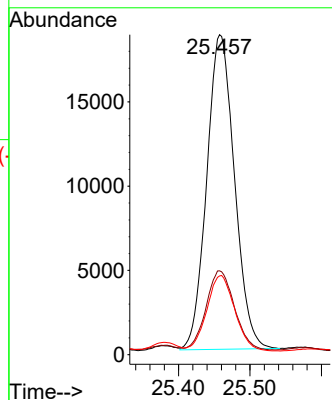
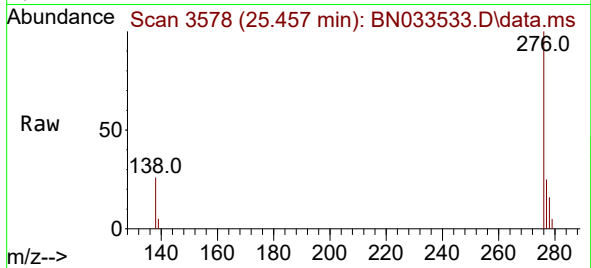




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.723 ng
 RT: 25.457 min Scan# 3578
 Delta R.T. -0.026 min
 Lab File: BN033533.D
 Acq: 21 Aug 2024 08:51

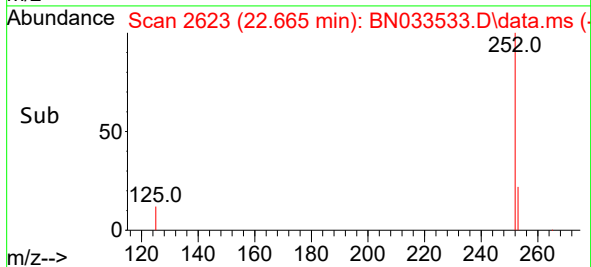
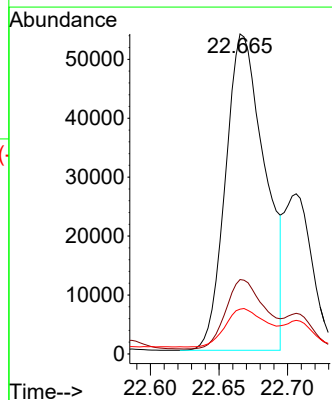
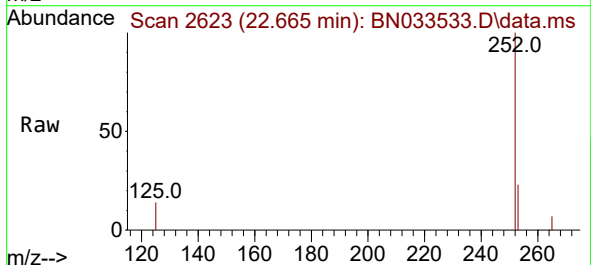
Instrument :
 BNA_N
 ClientSampleId :
 917-J-SD-0-0.5-081524

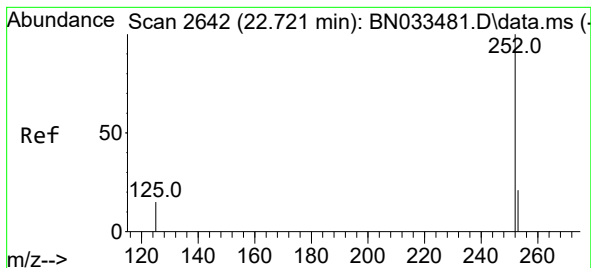
Tgt Ion:276 Resp: 50436
 Ion Ratio Lower Upper
 276 100
 138 25.5 24.4 36.6
 277 24.2 19.8 29.6



#37
 Benzo(b)fluoranthene
 Concen: 1.714 ng
 RT: 22.665 min Scan# 2623
 Delta R.T. -0.012 min
 Lab File: BN033533.D
 Acq: 21 Aug 2024 08:51

Tgt Ion:252 Resp: 107512
 Ion Ratio Lower Upper
 252 100
 253 23.3 19.8 29.8
 125 14.0 13.9 20.9





#38

Benzo(k)fluoranthene

Concen: 1.741 ng

RT: 22.665 min Scan# 2

Delta R.T. -0.056 min

Lab File: BN033533.D

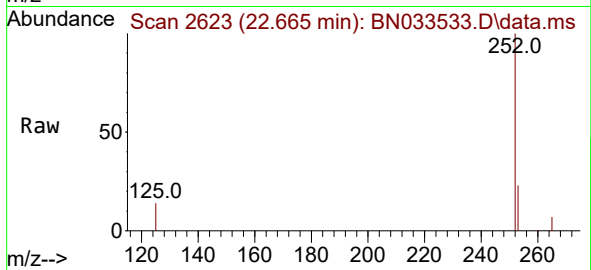
Acq: 21 Aug 2024 08:51

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0-0.5-081524



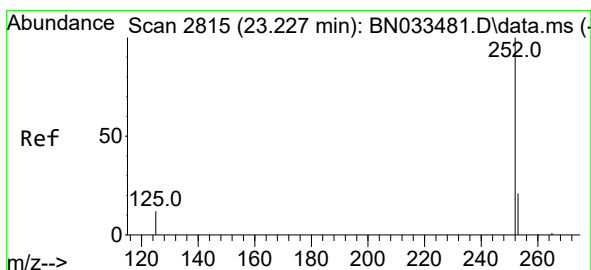
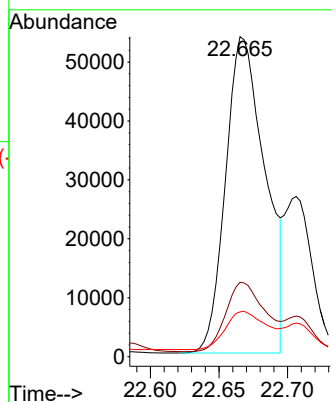
Tgt Ion:252 Resp: 107512

Ion Ratio Lower Upper

252 100

253 23.3 19.8 29.8

125 14.0 15.8 23.8#



#39

Benzo(a)pyrene

Concen: 1.052 ng

RT: 23.121 min Scan# 2779

Delta R.T. -0.105 min

Lab File: BN033533.D

Acq: 21 Aug 2024 08:51

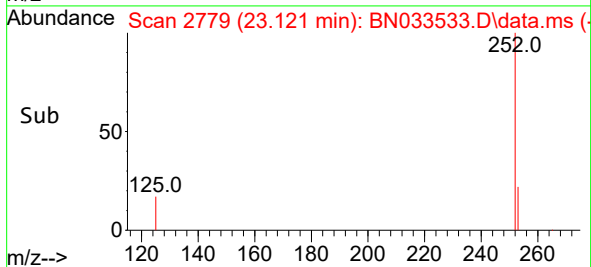
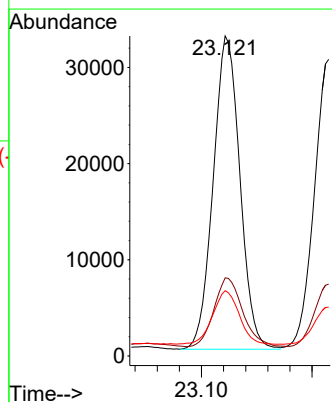
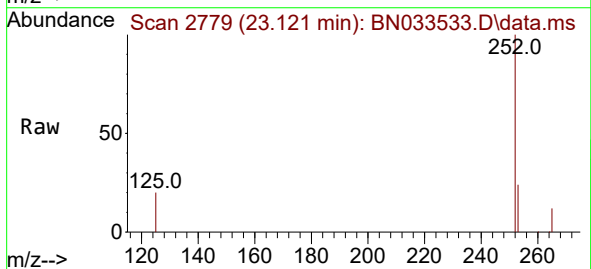
Tgt Ion:252 Resp: 54572

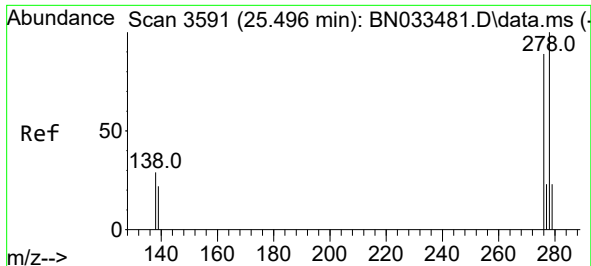
Ion Ratio Lower Upper

252 100

253 24.4 21.5 32.3

125 20.4 17.0 25.4

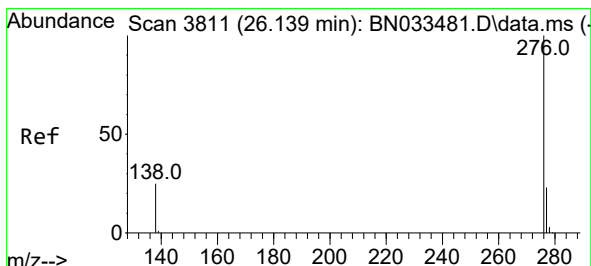
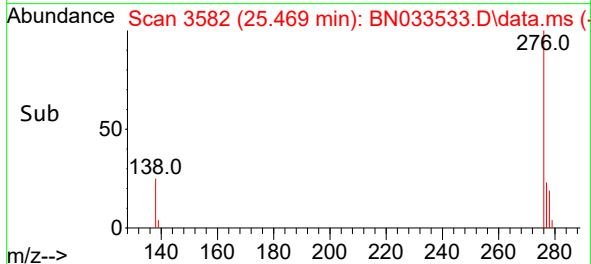
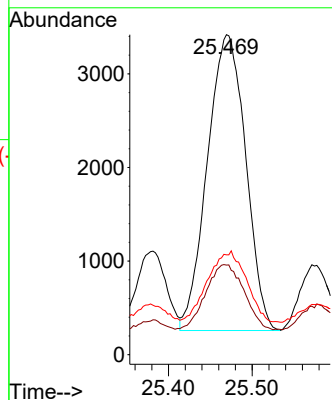
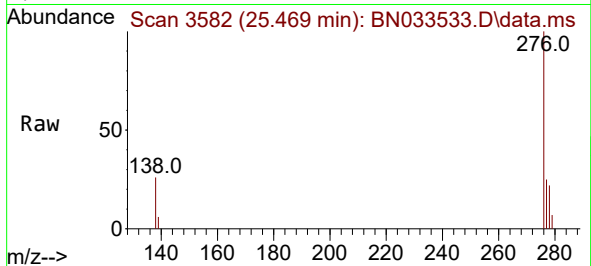




#40
Dibenzo(a,h)anthracene
Concen: 0.181 ng
RT: 25.469 min Scan# 31
Delta R.T. -0.026 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Instrument :
BNA_N
ClientSampleId :
917-J-SD-0-0.5-081524

Tgt Ion:278 Resp: 10084
Ion Ratio Lower Upper
278 100
139 28.0 19.1 28.7
279 31.2 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.885 ng
RT: 26.112 min Scan# 3802
Delta R.T. -0.026 min
Lab File: BN033533.D
Acq: 21 Aug 2024 08:51

Tgt Ion:276 Resp: 52761
Ion Ratio Lower Upper
276 100
277 24.2 19.7 29.5
138 27.7 21.8 32.6

