

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033459.D
 Acq On : 17 Aug 2024 09:04
 Operator : MA/JU
 Sample : P3596-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WS-081324-FD

Quant Time: Aug 17 23:20:57 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)

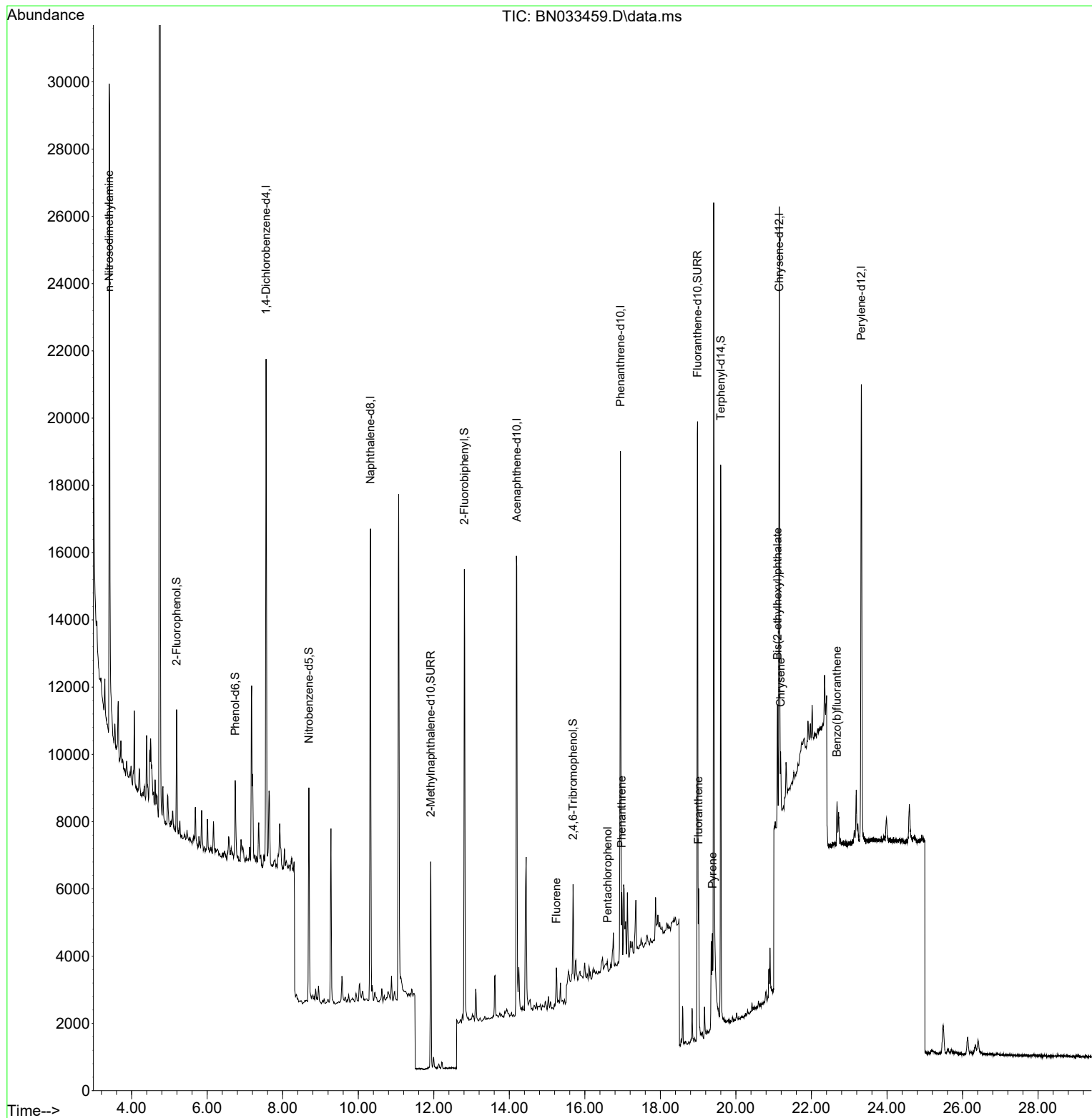
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6784	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	18494	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9146	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	18678	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	15921	0.400	ng	0.00
35) Perylene-d12	23.320	264	16794	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	2627	0.140	ng	0.00
5) Phenol-d6	6.743	99	1913	0.076	ng	0.00
8) Nitrobenzene-d5	8.691	82	4743	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	8119	0.285	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1663	0.354	ng	-0.01
15) 2-Fluorobiphenyl	12.809	172	11890	0.317	ng	-0.01
27) Fluoranthene-d10	18.984	212	19825	0.397	ng	0.00
31) Terphenyl-d14	19.597	244	14605	0.486	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.407	42	3276	0.337	ng	# 1
18) Fluorene	15.247	166	1202	0.031	ng	# 53
24) Pentachlorophenol	16.606	266	108	0.021	ng	93
25) Phenanthrene	16.979	178	2226	0.041	ng	99
28) Fluoranthene	19.012	202	3726	0.056	ng	97
30) Pyrene	19.379	202	2399	0.038	ng	# 95
33) Chrysene	21.184	228	1666	0.028	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.103	149	3257	0.120	ng	# 97
37) Benzo(b)fluoranthene	22.677	252	1635	0.026	ng	# 1

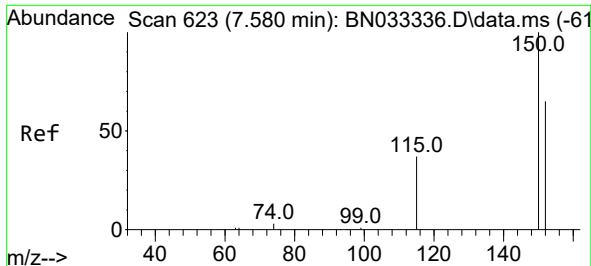
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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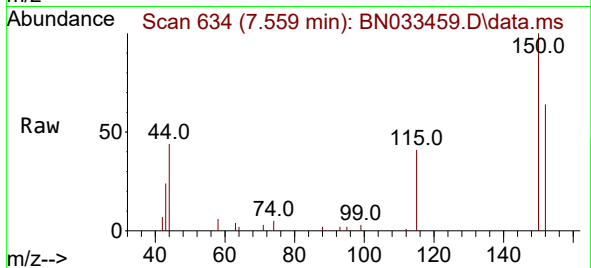
Quant Time: Aug 17 23:20:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
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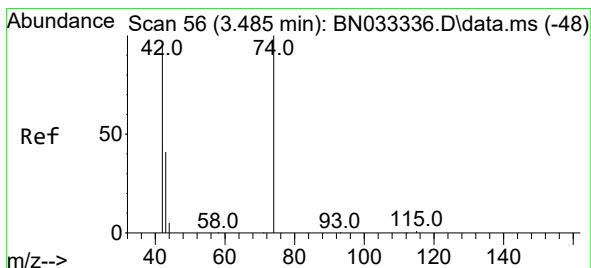
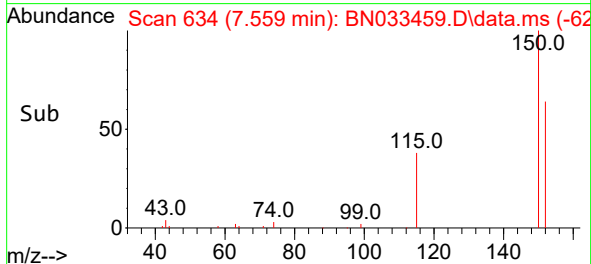
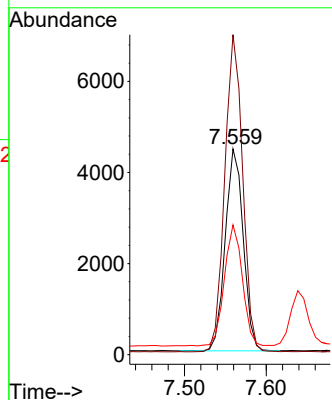


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD

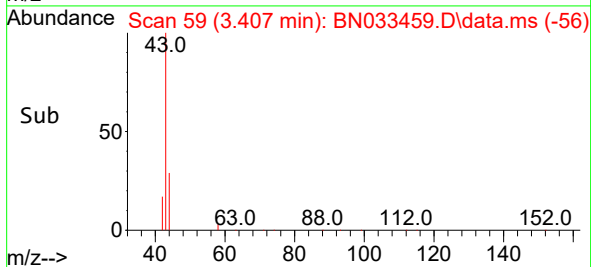
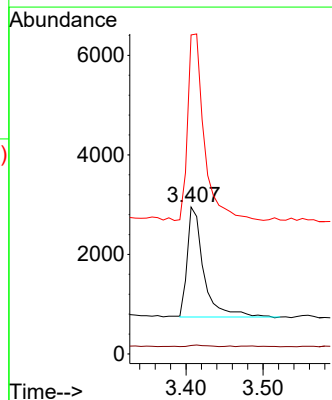
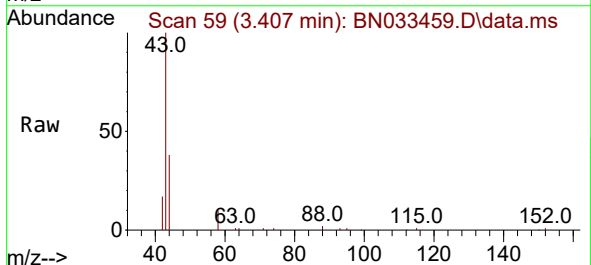


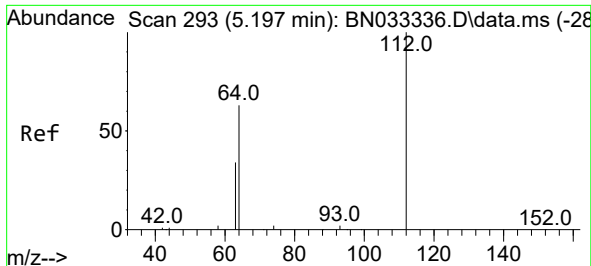
Tgt Ion:152 Resp: 6784
Ion Ratio Lower Upper
152 100
150 155.5 122.3 183.5
115 63.1 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.337 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.080 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Tgt Ion: 42 Resp: 3276
Ion Ratio Lower Upper
42 100
74 1.4 89.0 133.6#
44 170.5 11.0 16.4#





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.190 min Scan# 306

Delta R.T. -0.007 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324-FD

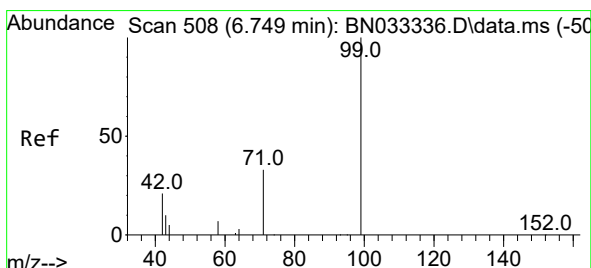
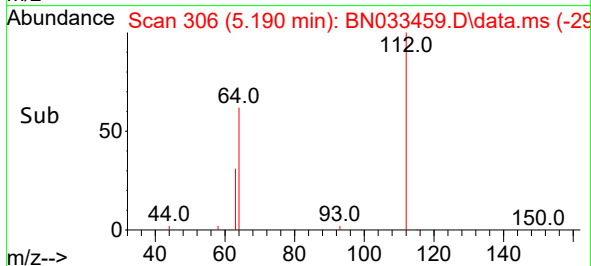
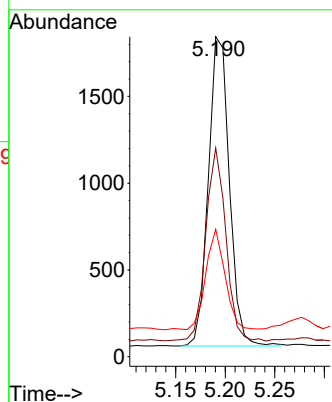
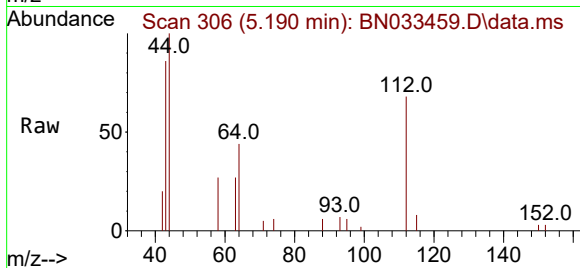
Tgt Ion:112 Resp: 2627

Ion Ratio Lower Upper

112 100

64 59.4 48.1 72.1

63 30.2 25.4 38.2



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.743 min Scan# 521

Delta R.T. -0.007 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

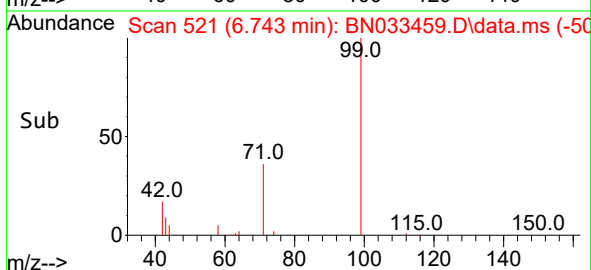
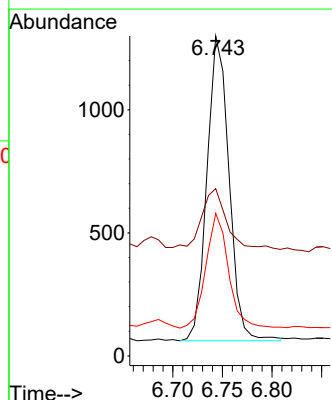
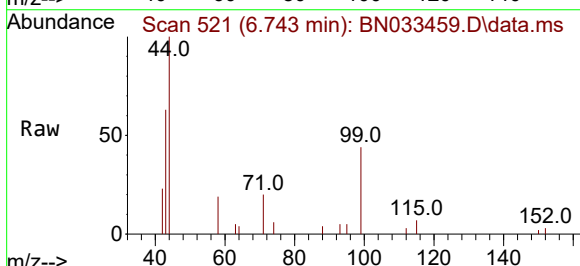
Tgt Ion: 99 Resp: 1913

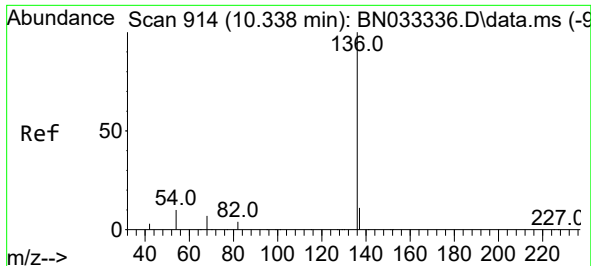
Ion Ratio Lower Upper

99 100

42 22.6 18.5 27.7

71 38.5 26.2 39.2

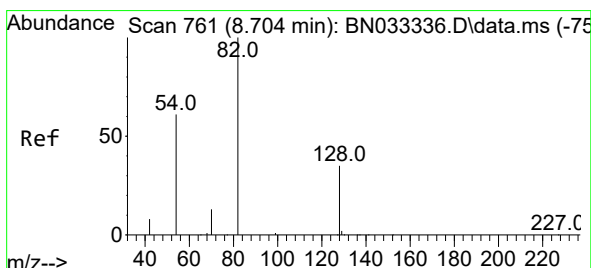
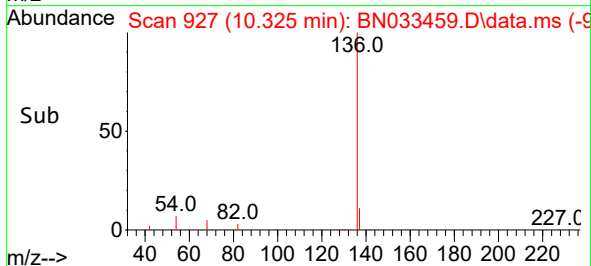
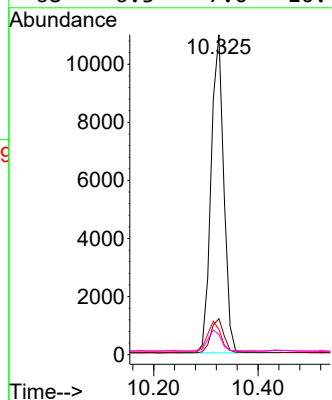
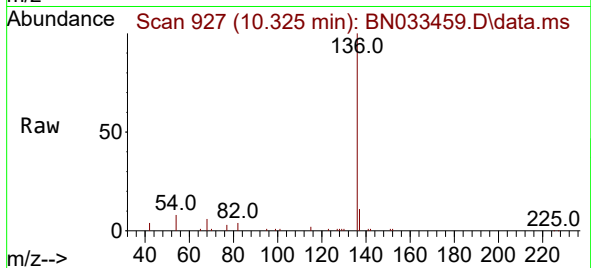




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

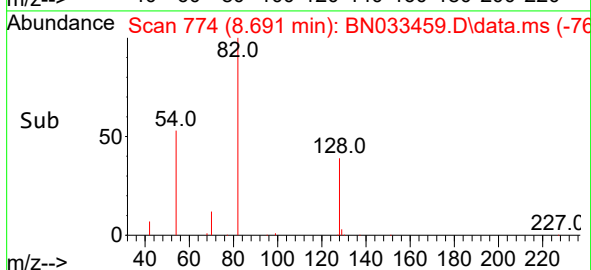
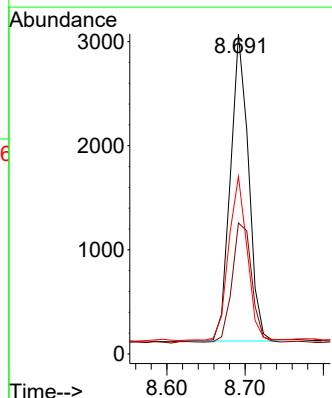
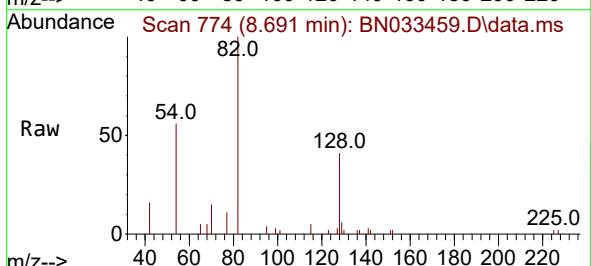
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD

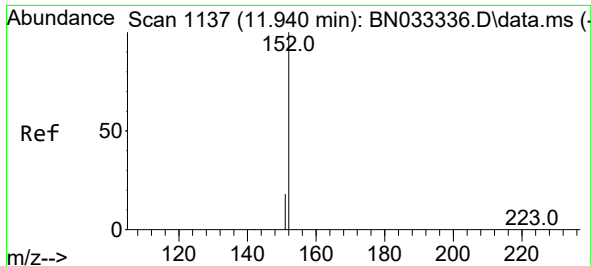
Tgt Ion:	136	Resp:	18494
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.9	9.4	14.0#
68	6.3	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Tgt Ion:	82	Resp:	4743
Ion Ratio	Lower	Upper	
82	100		
128	41.0	29.0	43.4
54	55.5	50.2	75.4

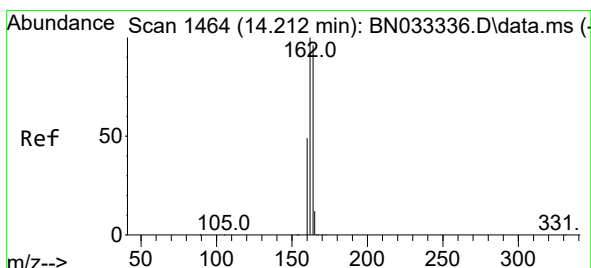
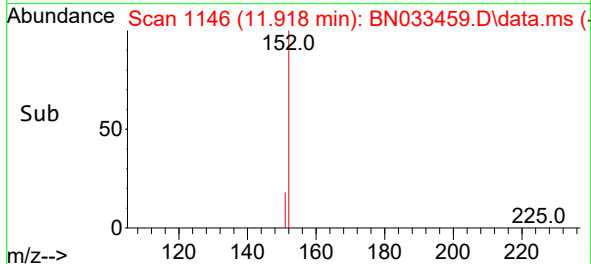
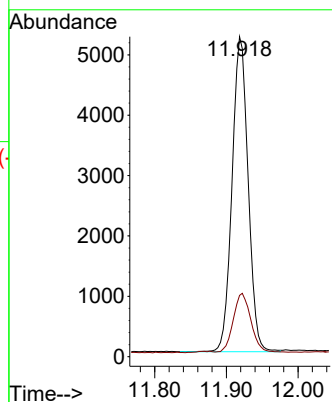
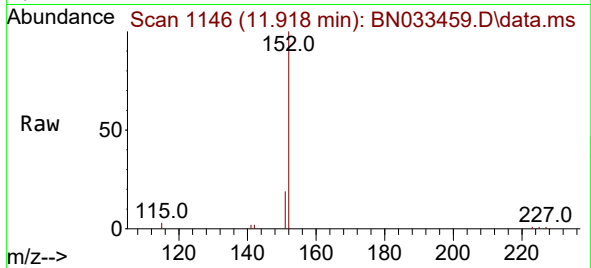




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.918 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

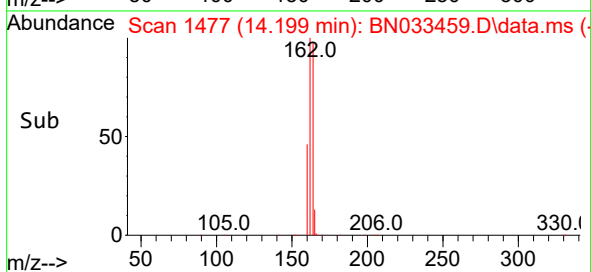
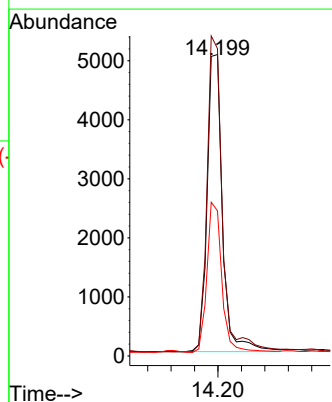
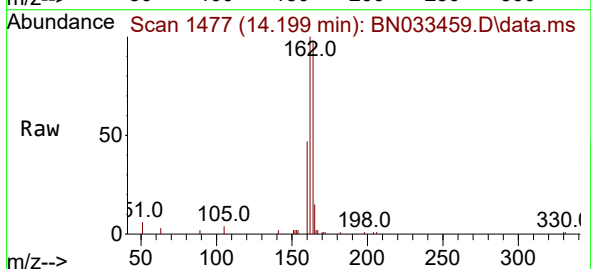
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD

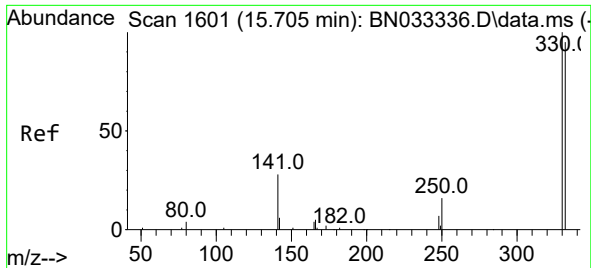
Tgt Ion:152 Resp: 8119
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

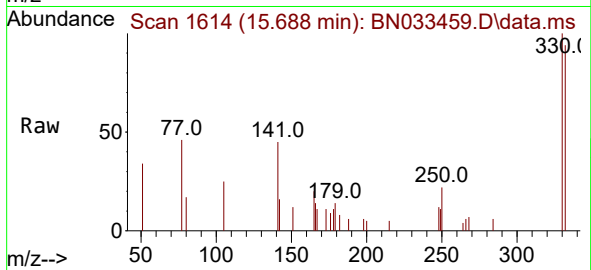
Tgt Ion:164 Resp: 9146
Ion Ratio Lower Upper
164 100
162 102.0 83.1 124.7
160 48.1 41.1 61.7



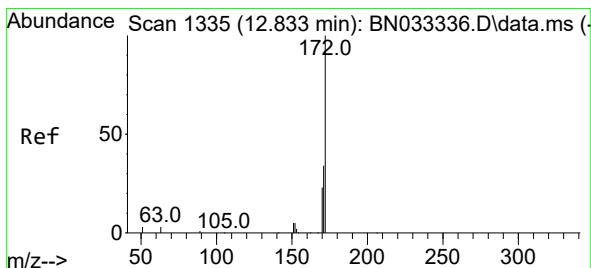
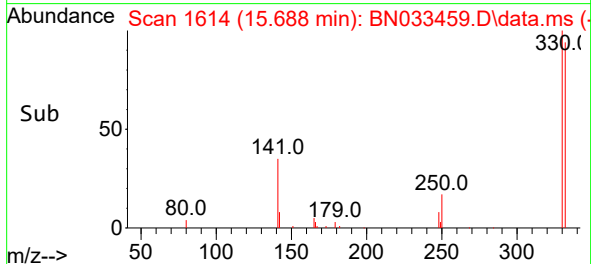
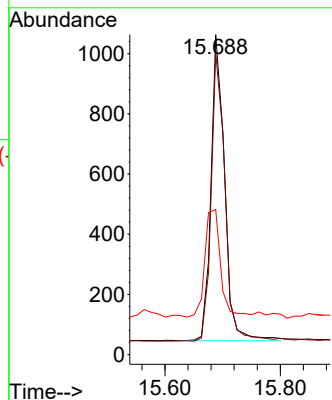


#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.013 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD

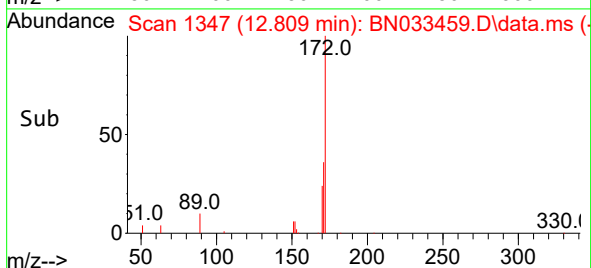
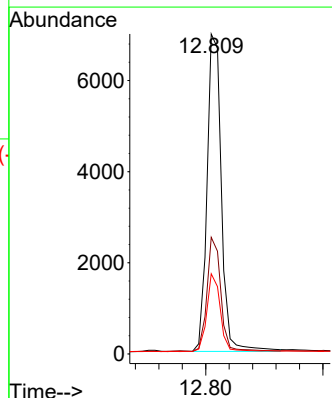
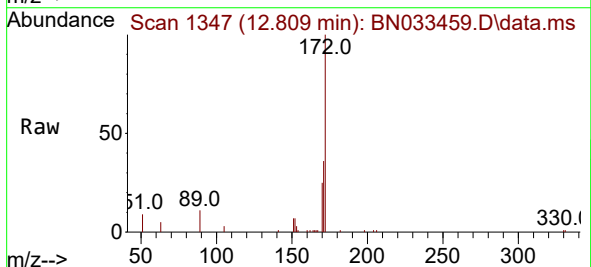


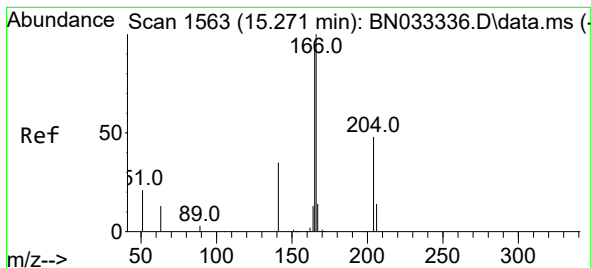
Tgt Ion: 330 Resp: 1663
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 40.6 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Tgt Ion: 172 Resp: 11890
Ion Ratio Lower Upper
172 100
171 36.5 27.8 41.8
170 25.0 18.7 28.1





#18

Fluorene

Concen: 0.031 ng

RT: 15.247 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324-FD

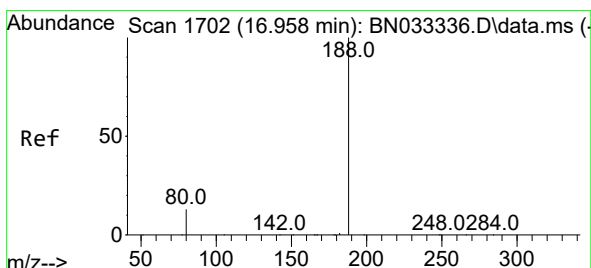
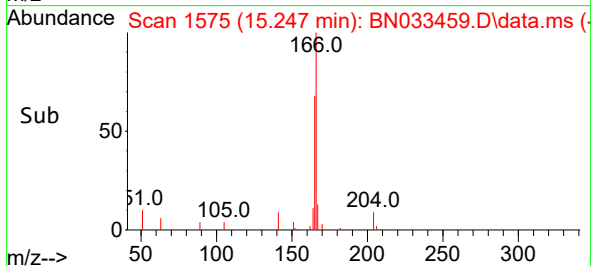
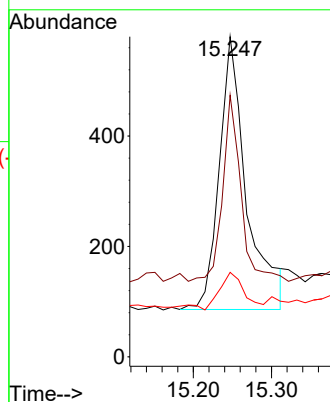
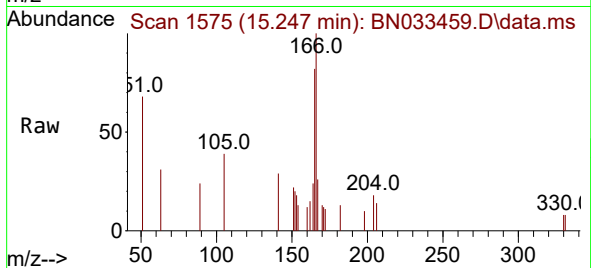
Tgt Ion:166 Resp: 1202

Ion Ratio Lower Upper

166 100

165 45.2 78.0 117.0#

167 12.3 10.7 16.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.013 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

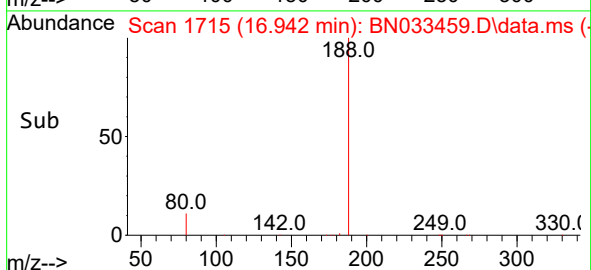
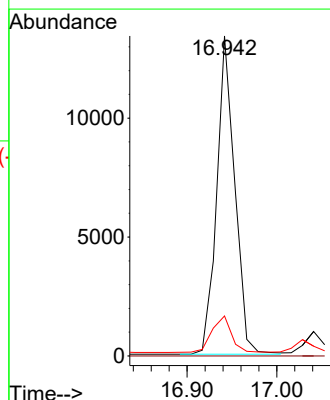
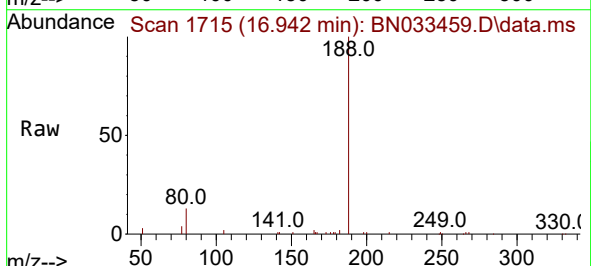
Tgt Ion:188 Resp: 18678

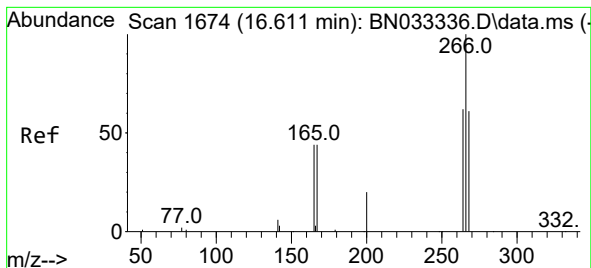
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 10.7 16.1





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.606 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

Instrument :

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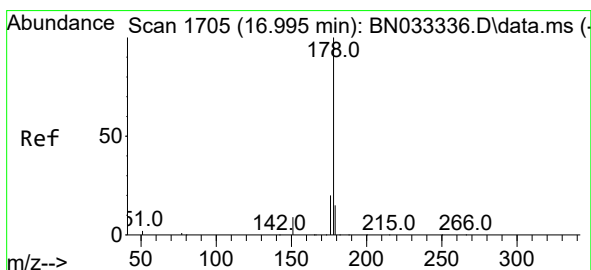
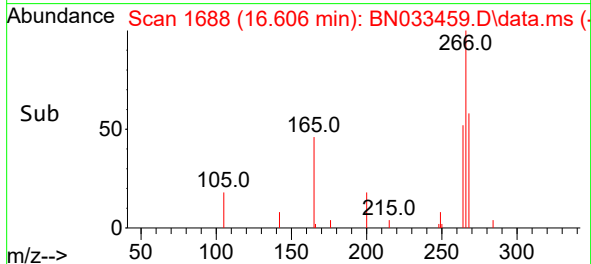
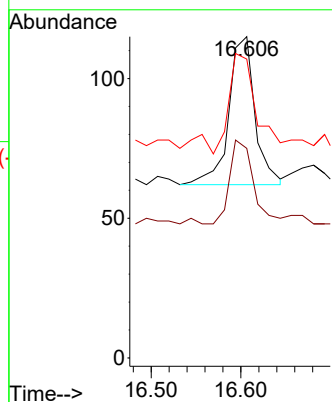
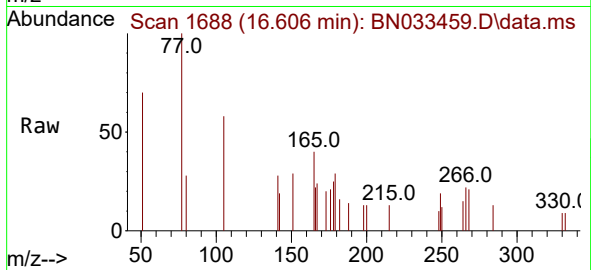
Tgt Ion:266 Resp: 108

Ion Ratio Lower Upper

266 100

264 55.6 49.2 73.8

268 68.5 51.2 76.8



#25

Phenanthrene

Concen: 0.041 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.013 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

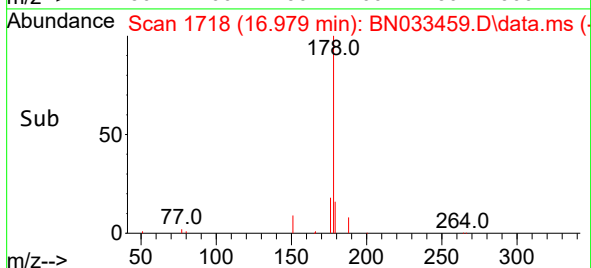
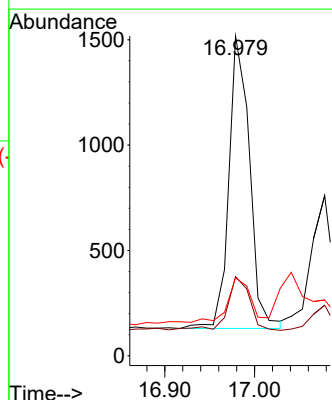
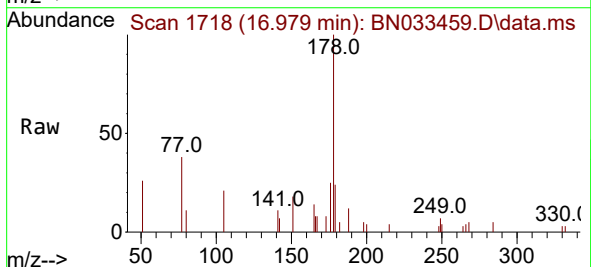
Tgt Ion:178 Resp: 2226

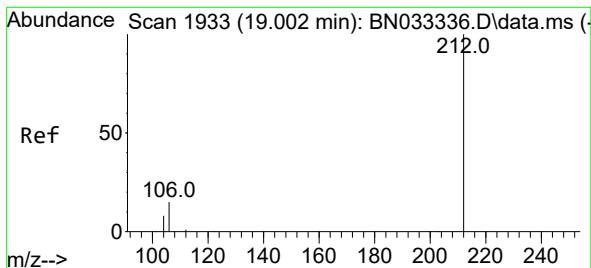
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 15.9 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

Instrument :

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ClientSampleId :

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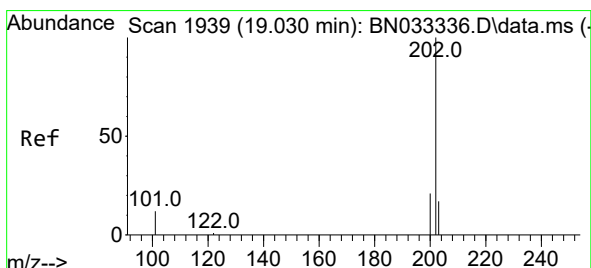
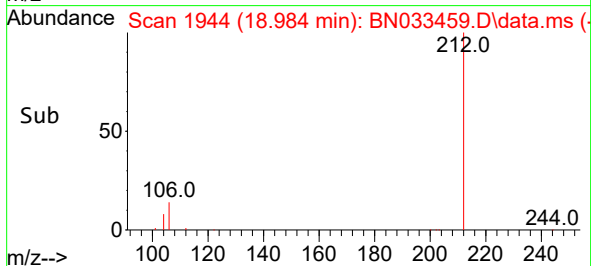
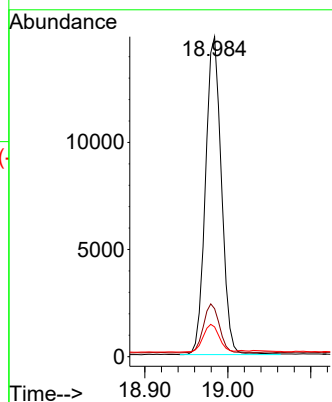
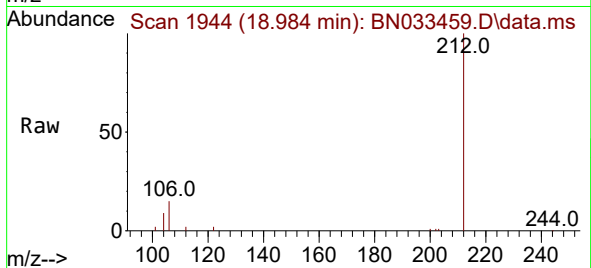
Tgt Ion:212 Resp: 19825

Ion Ratio Lower Upper

212 100

106 15.6 12.8 19.2

104 8.7 7.1 10.7



#28

Fluoranthene

Concen: 0.056 ng

RT: 19.012 min Scan# 1950

Delta R.T. -0.009 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

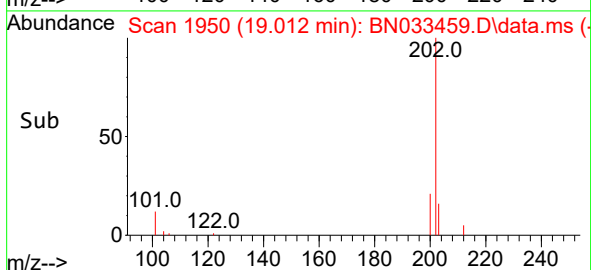
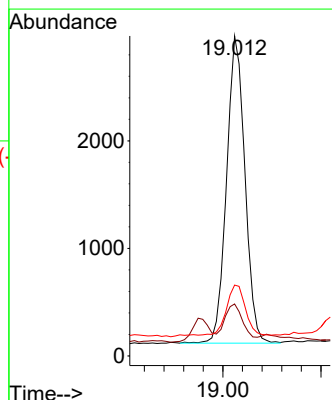
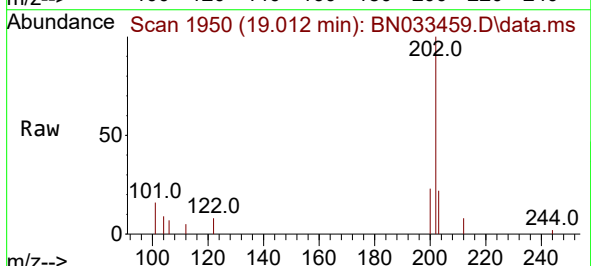
Tgt Ion:202 Resp: 3726

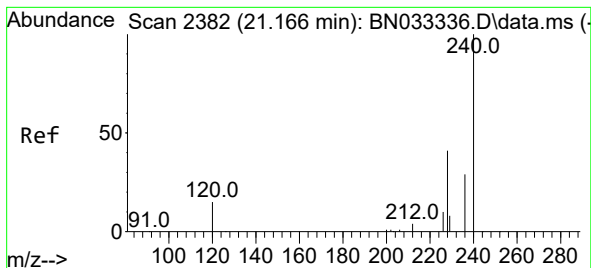
Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.6

203 18.9 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: BN033459.D

Acq: 17 Aug 2024 09:04

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324-FD

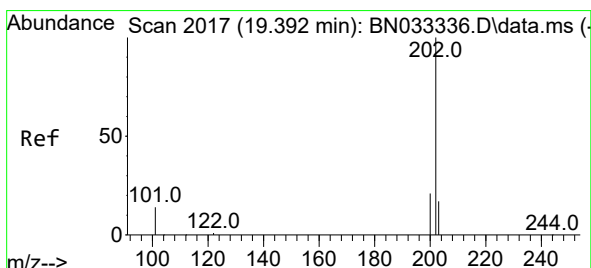
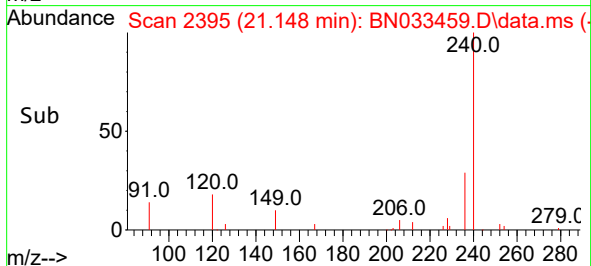
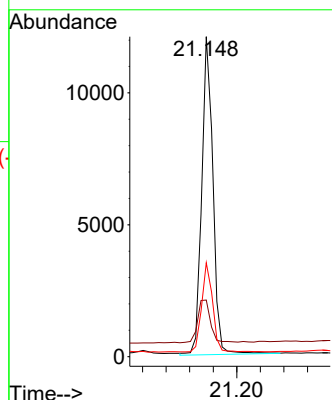
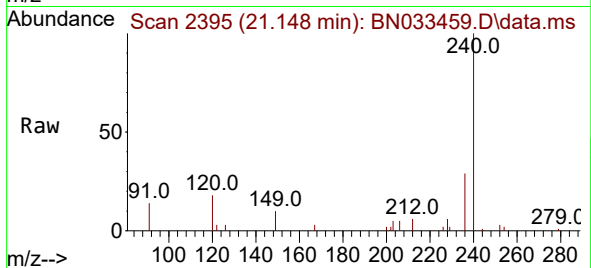
Tgt Ion:240 Resp: 15921

Ion Ratio Lower Upper

240 100

120 17.7 13.0 19.6

236 29.4 23.2 34.8



#30

Pyrene

Concen: 0.038 ng

RT: 19.379 min Scan# 2029

Delta R.T. -0.005 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

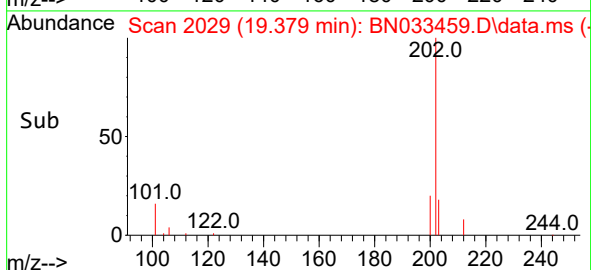
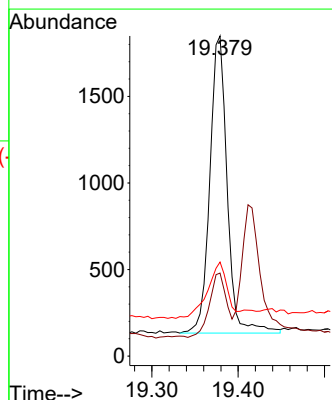
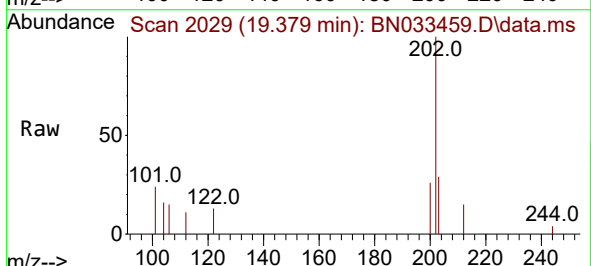
Tgt Ion:202 Resp: 2399

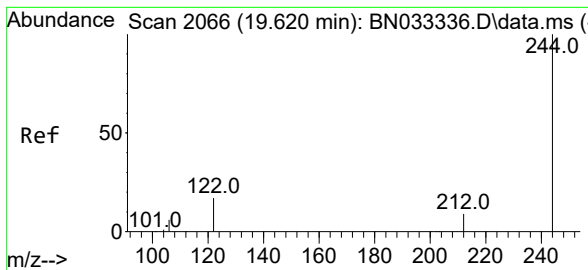
Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

203 21.8 14.2 21.4#

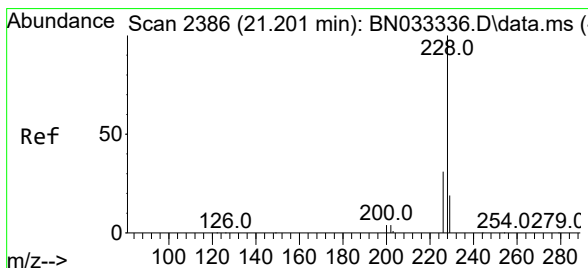
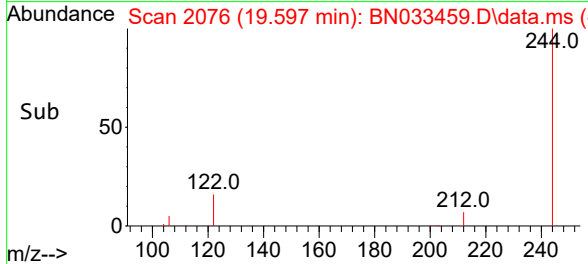
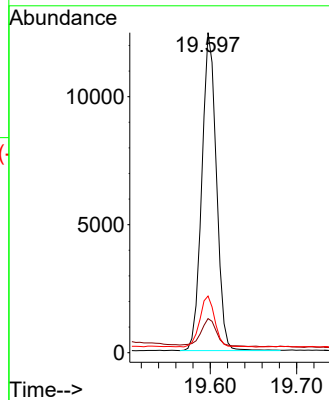
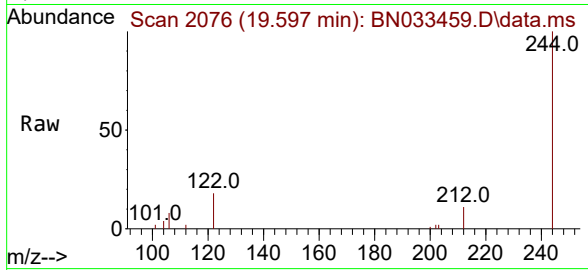




#31
 Terphenyl-d14
 Concen: 0.486 ng
 RT: 19.597 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033459.D
 Acq: 17 Aug 2024 09:04

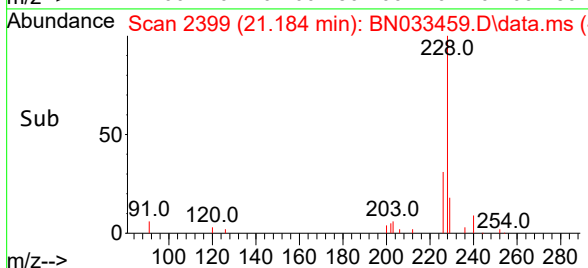
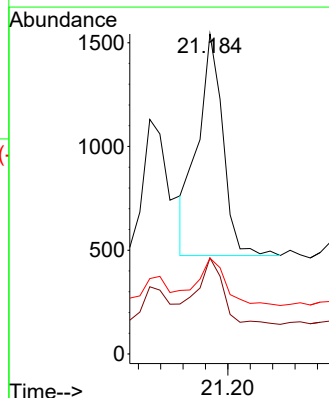
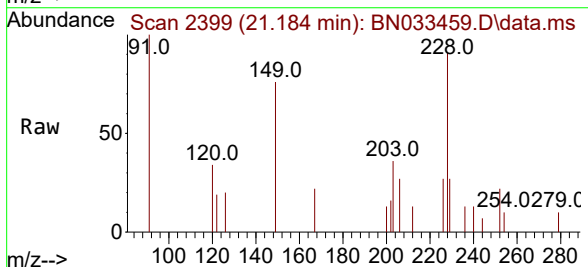
Instrument :
 BNA_N
 ClientSampleId :
 918-J-WS-081324-FD

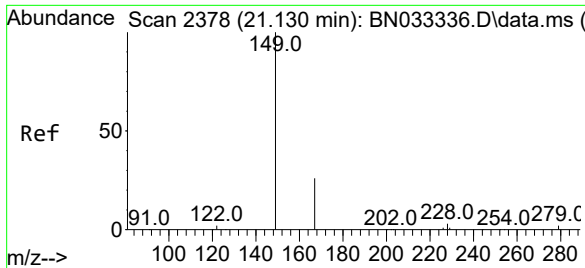
Tgt Ion:244 Resp: 14605
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.7 11.5
 122 17.7 14.0 21.0



#33
 Chrysene
 Concen: 0.028 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.009 min
 Lab File: BN033459.D
 Acq: 17 Aug 2024 09:04

Tgt Ion:228 Resp: 1666
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.7 37.1
 229 30.0 15.4 23.2#

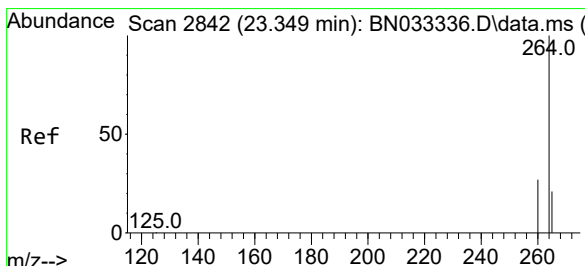
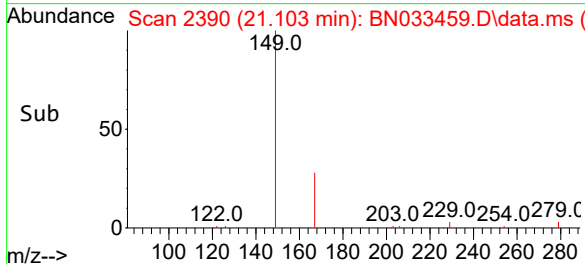
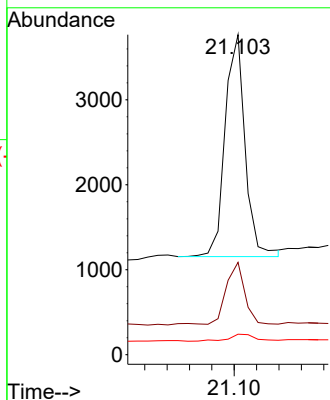
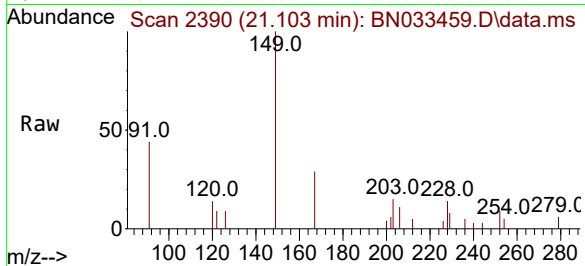




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.103 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

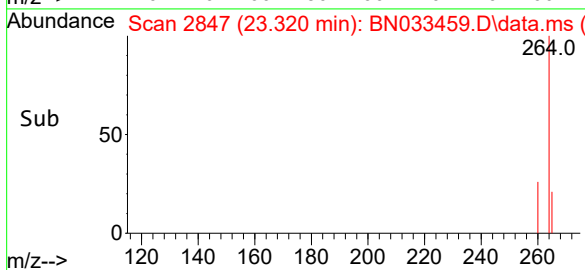
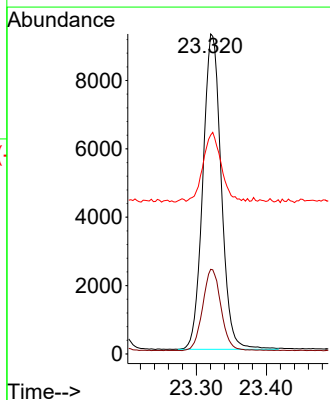
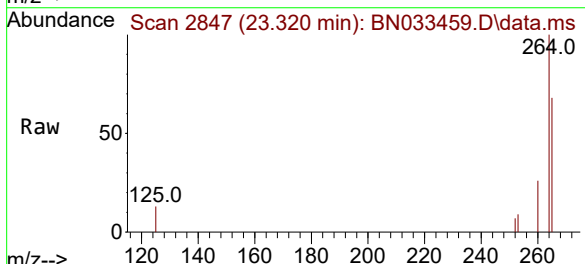
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD

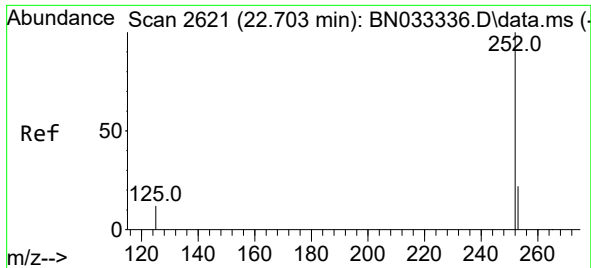
Tgt Ion:149 Resp: 3257
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.3 2.2 3.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Tgt Ion:264 Resp: 16794
Ion Ratio Lower Upper
264 100
260 26.4 21.6 32.4
265 68.4 29.3 43.9#





#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 22.677 min Scan# 20

Delta R.T. -0.009 min

Lab File: BN033459.D

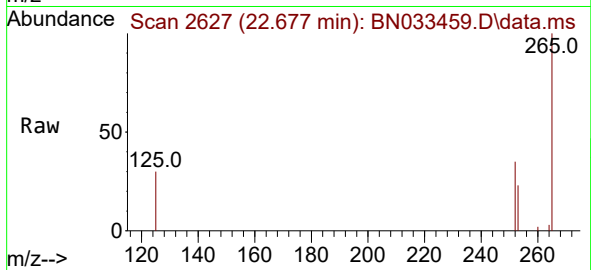
Acq: 17 Aug 2024 09:04

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324-FD



Tgt Ion:252 Resp: 1635

Ion Ratio Lower Upper

252 100

253 65.7 18.2 27.2#

125 86.1 11.3 16.9#

