

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033454.D
 Acq On : 17 Aug 2024 06:02
 Operator : MA/JU
 Sample : P3609-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 920-J-WS-081424

Quant Time: Aug 17 06:30:33 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)

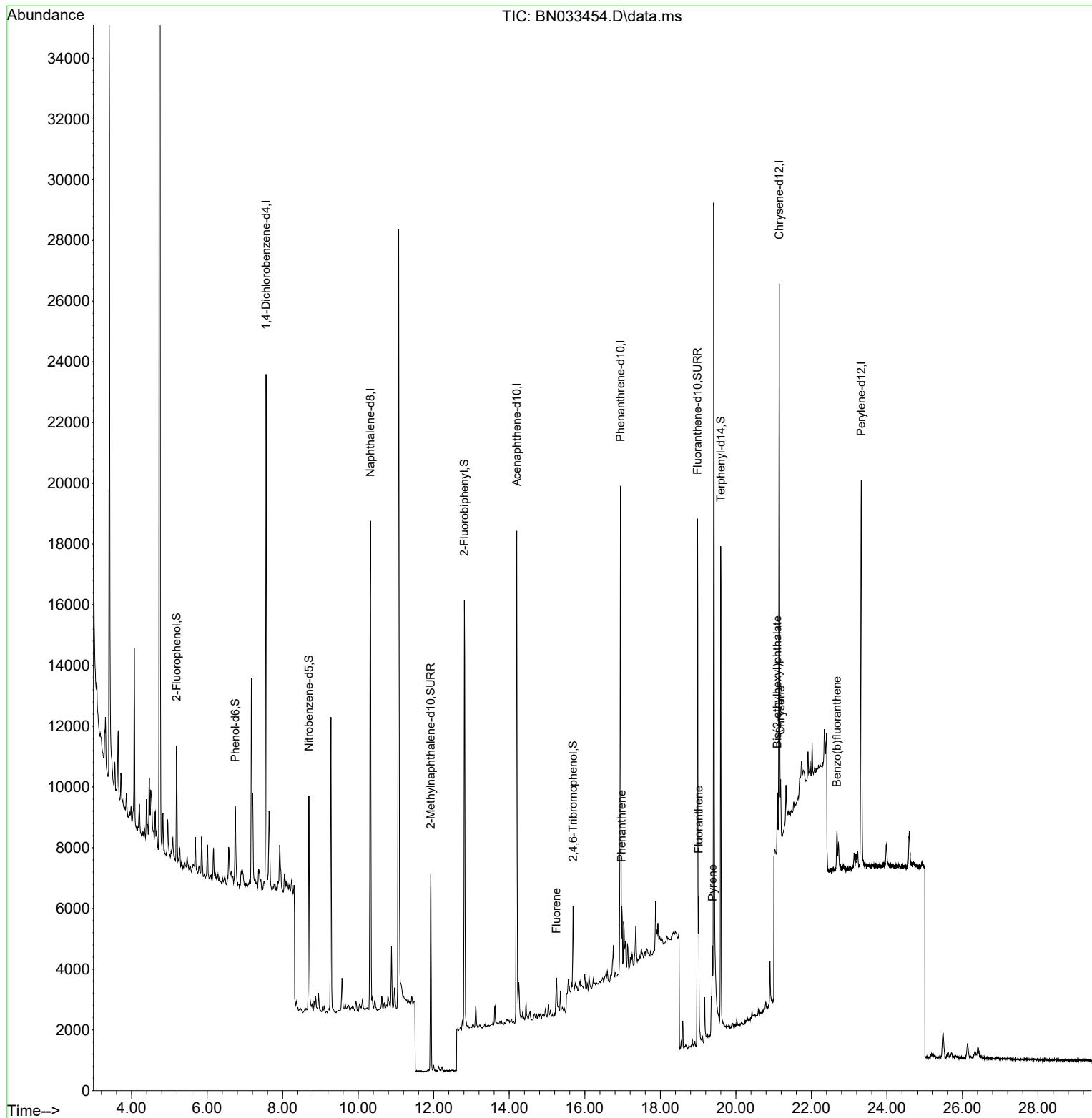
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7674	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20880	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10506	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19650	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	15396	0.400	ng	0.00
35) Perylene-d12	23.320	264	16092	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2723	0.128	ng	0.00
5) Phenol-d6	6.743	99	2050	0.072	ng	0.00
8) Nitrobenzene-d5	8.692	82	5197	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	11.919	152	8630	0.269	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1649	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	12580	0.292	ng	-0.01
27) Fluoranthene-d10	18.984	212	18592	0.354	ng	0.00
31) Terphenyl-d14	19.598	244	14210	0.489	ng	0.00
Target Compounds						
18) Fluorene	15.247	166	1828	0.041	ng	# 37
25) Phenanthrene	16.979	178	2392	0.042	ng	96
28) Fluoranthene	19.017	202	4229	0.061	ng	99
30) Pyrene	19.379	202	2469	0.040	ng	# 94
33) Chrysene	21.184	228	2039	0.035	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.095	149	2010	0.077	ng	# 99
37) Benzo(b)fluoranthene	22.674	252	1701	0.028	ng	# 1

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

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Instrument :
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920-J-WS-081424

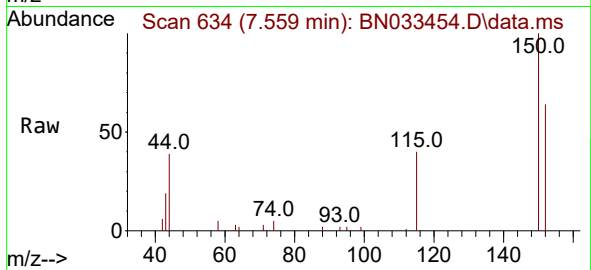
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



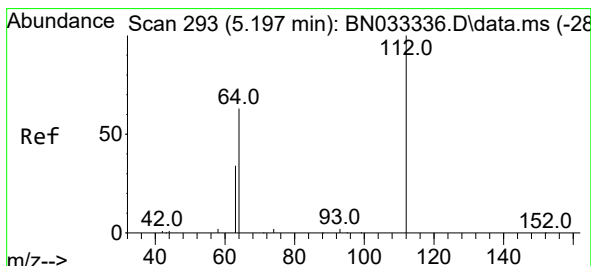
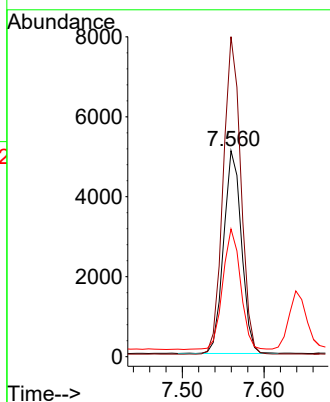
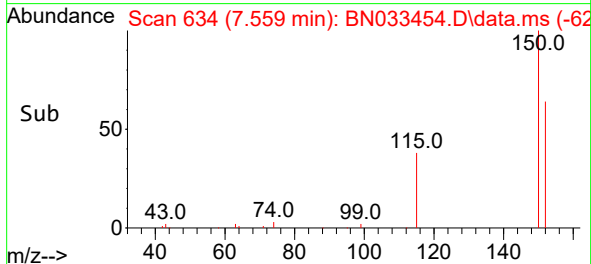


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

Instrument :
BNA_N
ClientSampleId :
920-J-WS-081424

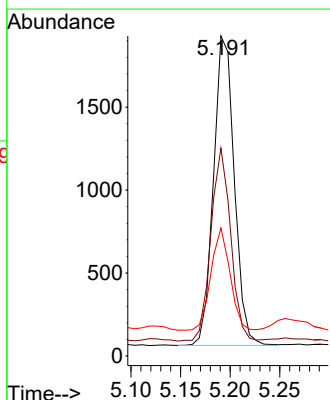
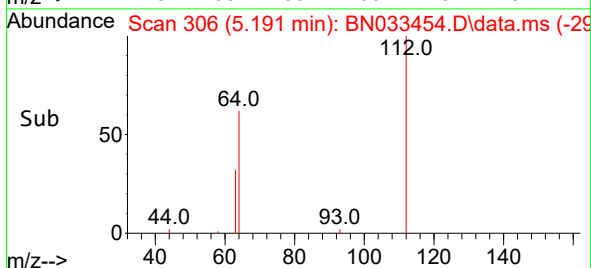
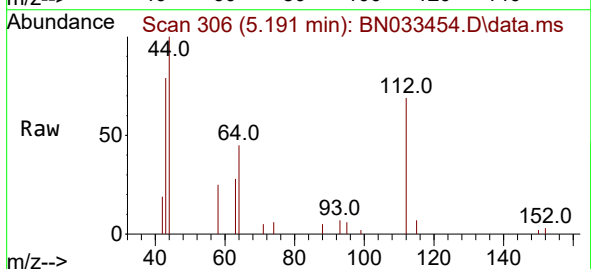


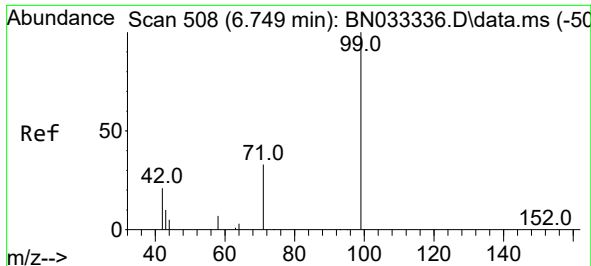
Tgt Ion:152 Resp: 7674
Ion Ratio Lower Upper
152 100
150 155.3 122.3 183.5
115 62.0 48.8 73.2



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.191 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

Tgt Ion:112 Resp: 2723
Ion Ratio Lower Upper
112 100
64 59.2 48.1 72.1
63 30.3 25.4 38.2

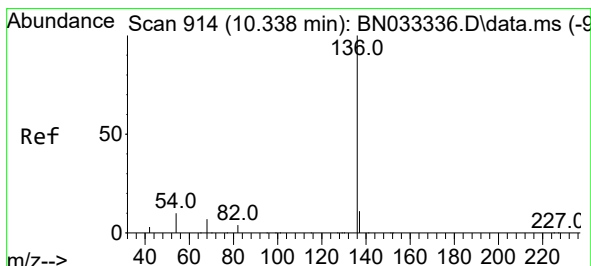
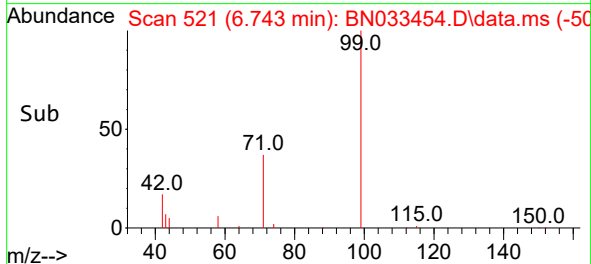
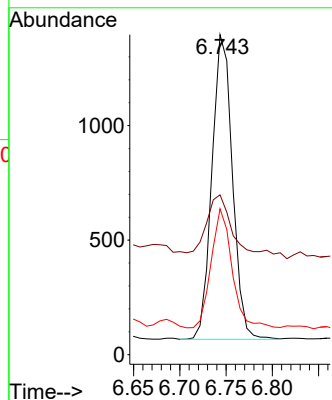
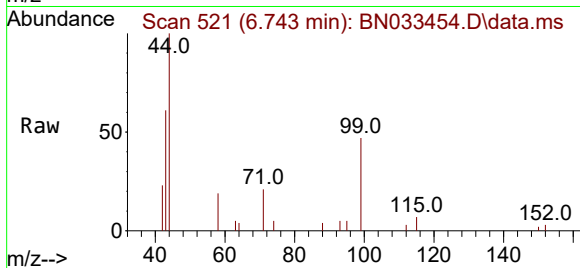




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

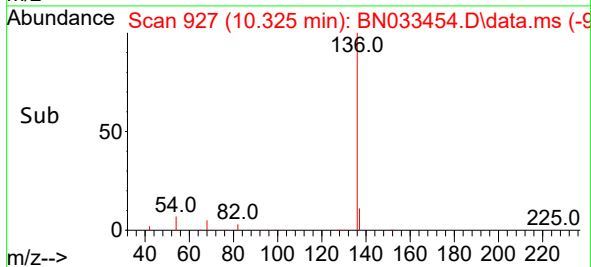
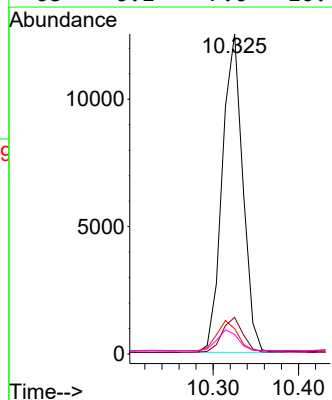
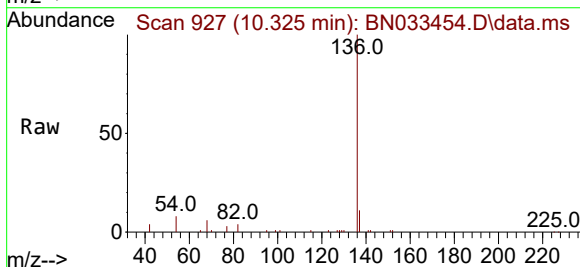
Instrument :
BNA_N
ClientSampleId :
920-J-WS-081424

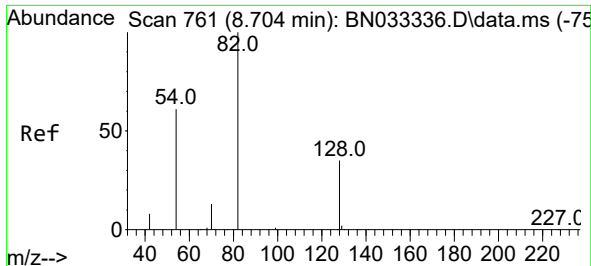
Tgt Ion: 99 Resp: 2050
Ion Ratio Lower Upper
99 100
42 22.4 18.5 27.7
71 39.8 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

Tgt Ion: 136 Resp: 20880
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.9 9.4 14.0#
68 6.1 7.0 10.4#

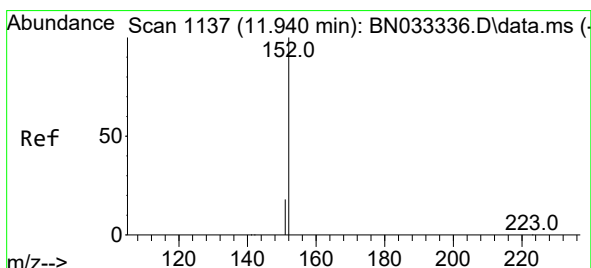
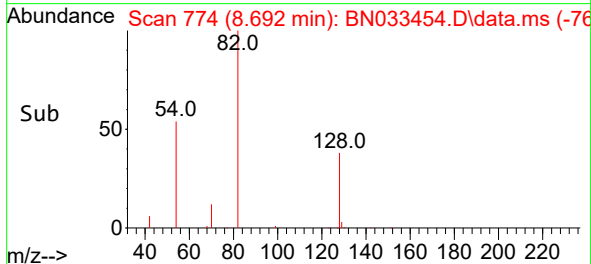
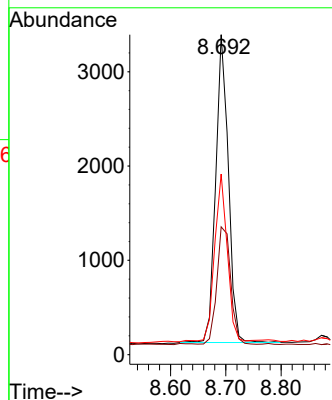
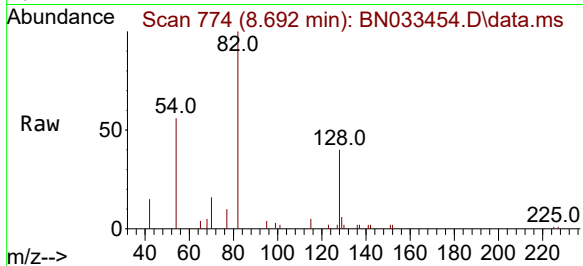




#8
 Nitrobenzene-d5
 Concen: 0.330 ng
 RT: 8.692 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033454.D
 Acq: 17 Aug 2024 06:02

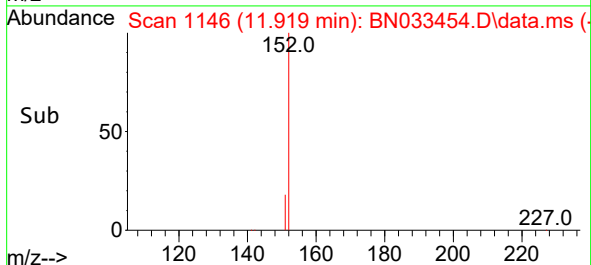
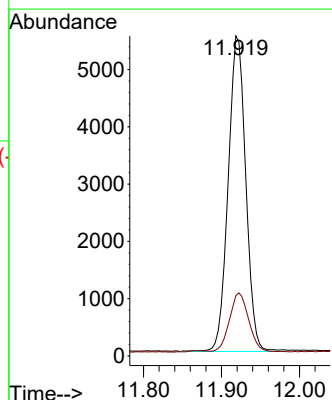
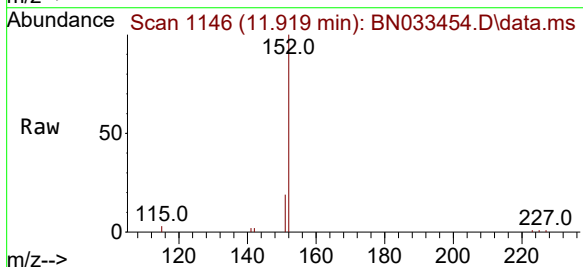
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WS-081424

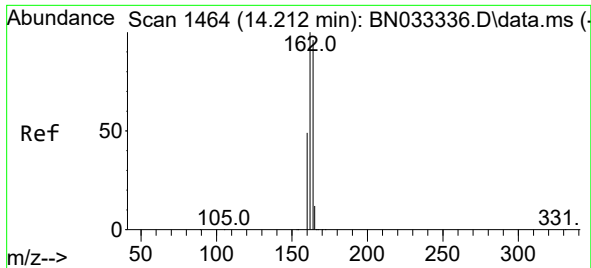
Tgt Ion: 82 Resp: 5197
 Ion Ratio Lower Upper
 82 100
 128 39.9 29.0 43.4
 54 56.5 50.2 75.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.269 ng
 RT: 11.919 min Scan# 1146
 Delta R.T. -0.011 min
 Lab File: BN033454.D
 Acq: 17 Aug 2024 06:02

Tgt Ion: 152 Resp: 8630
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.7 25.1

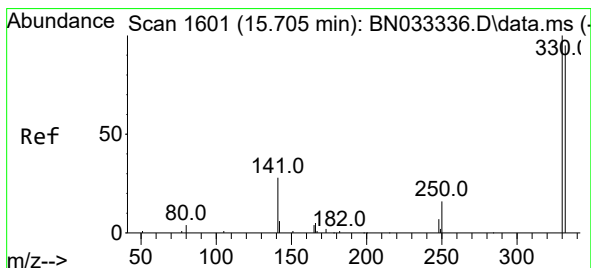
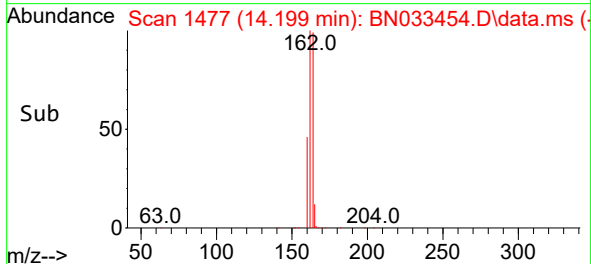
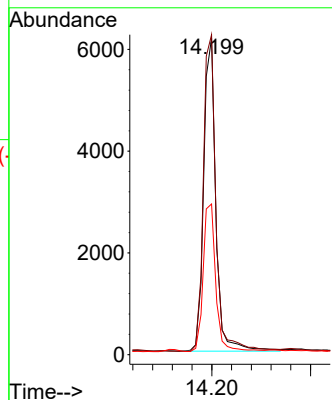
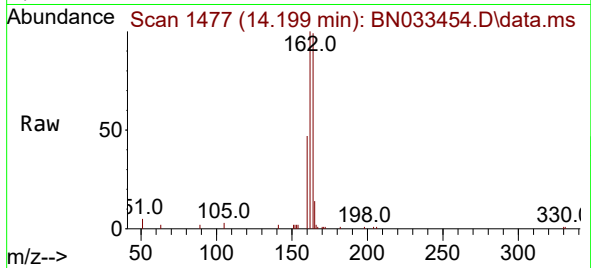




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

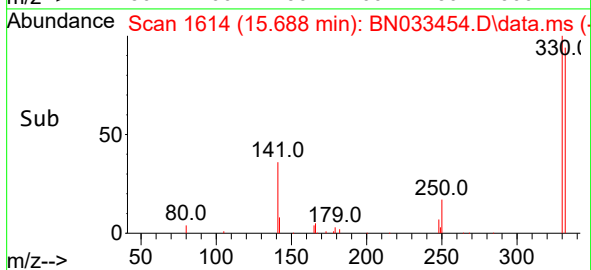
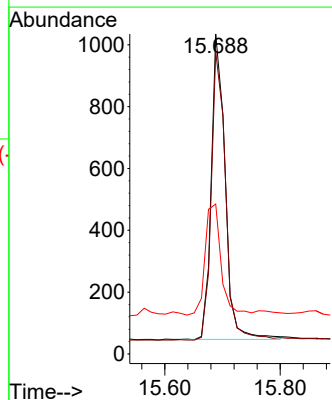
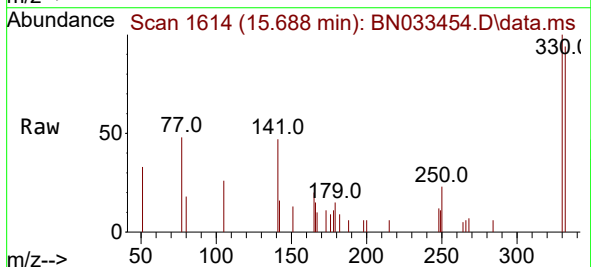
Instrument :
BNA_N
ClientSampleId :
920-J-WS-081424

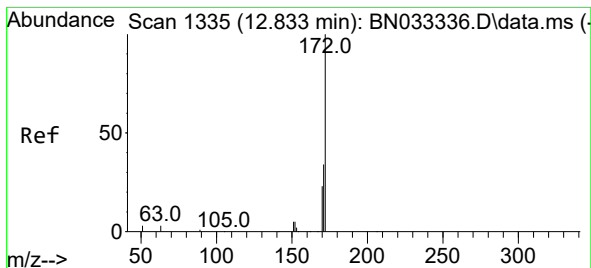
Tgt Ion:164 Resp: 10506
Ion Ratio Lower Upper
164 100
162 101.1 83.1 124.7
160 47.6 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

Tgt Ion:330 Resp: 1649
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 41.7 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.292 ng

RT: 12.810 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN033454.D

Acq: 17 Aug 2024 06:02

Instrument :

BNA_N

ClientSampleId :

920-J-WS-081424

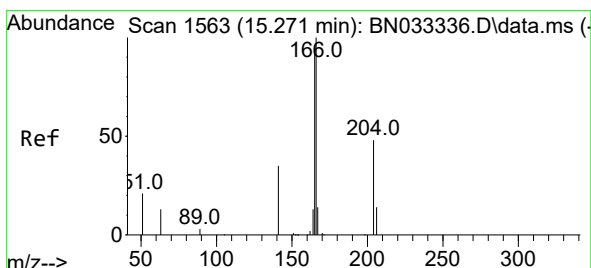
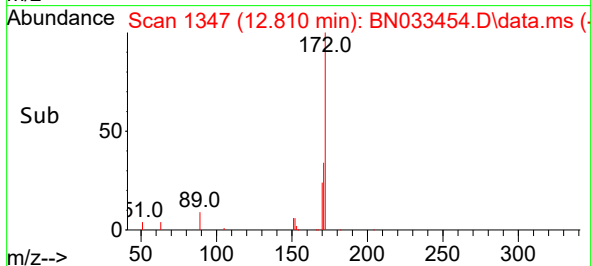
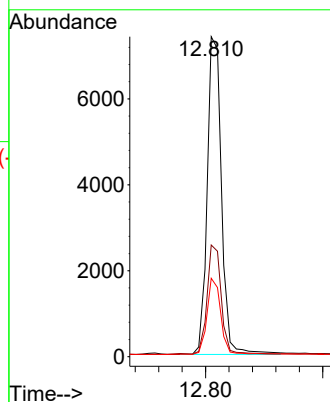
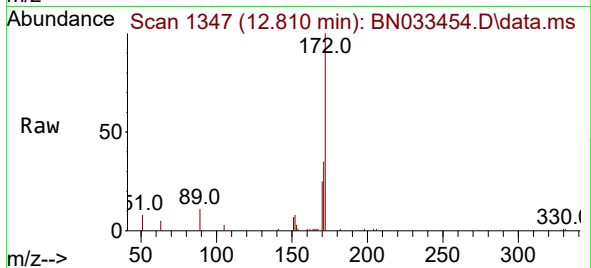
Tgt Ion:172 Resp: 12580

Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 24.5 18.7 28.1



#18

Fluorene

Concen: 0.041 ng

RT: 15.247 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN033454.D

Acq: 17 Aug 2024 06:02

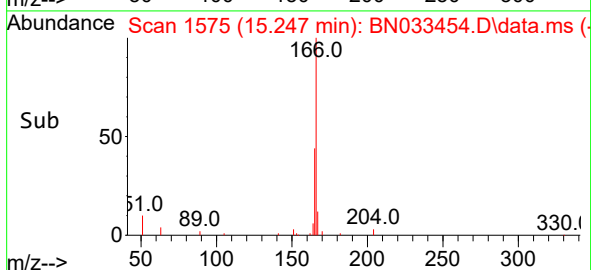
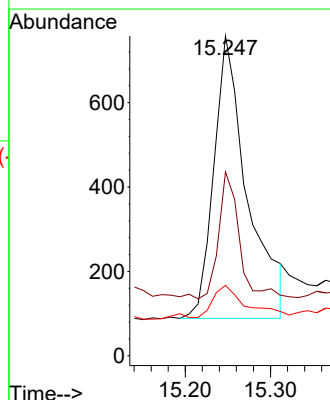
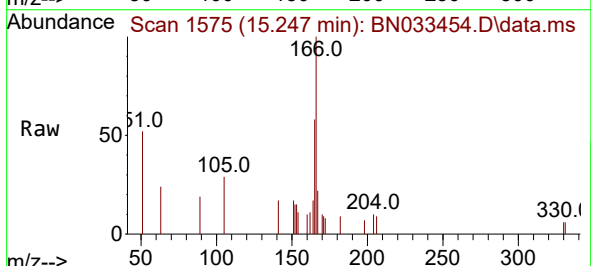
Tgt Ion:166 Resp: 1828

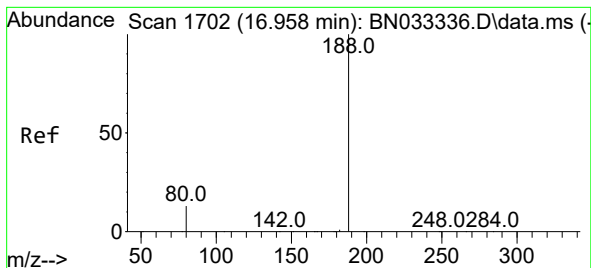
Ion Ratio Lower Upper

166 100

165 27.6 78.0 117.0#

167 11.0 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN033454.D

Acq: 17 Aug 2024 06:02

Instrument :

BNA_N

ClientSampleId :

920-J-WS-081424

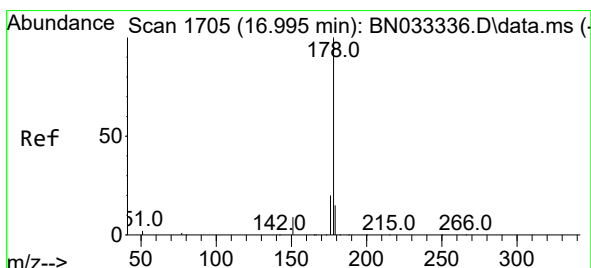
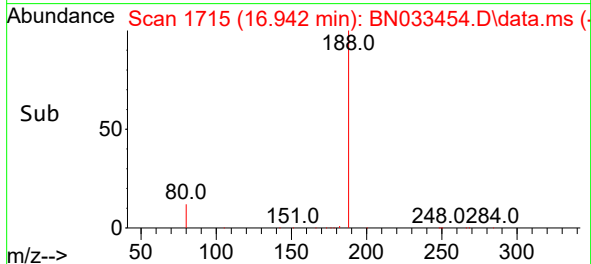
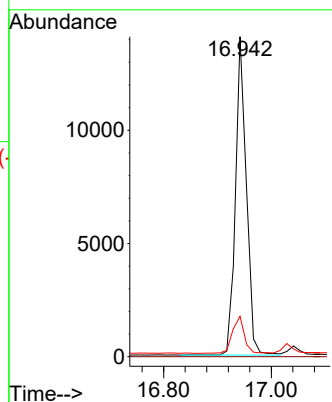
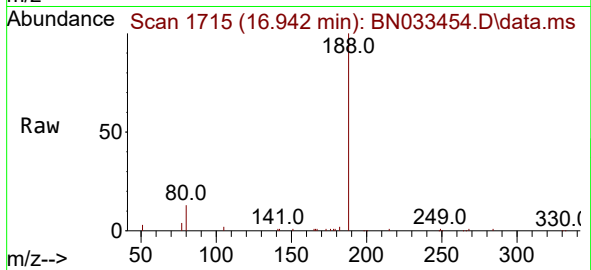
Tgt Ion:188 Resp: 19650

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 10.7 16.1



#25

Phenanthrene

Concen: 0.042 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.012 min

Lab File: BN033454.D

Acq: 17 Aug 2024 06:02

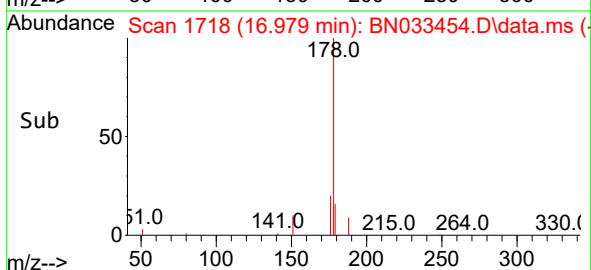
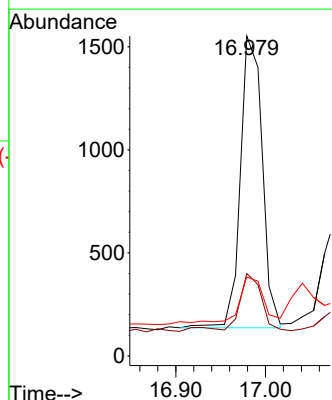
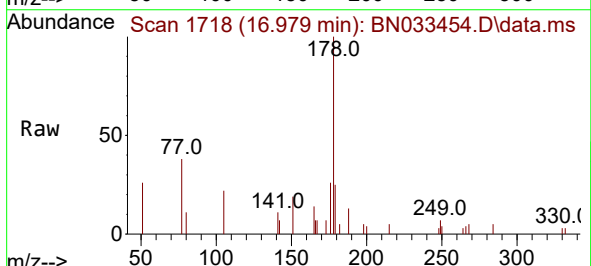
Tgt Ion:178 Resp: 2392

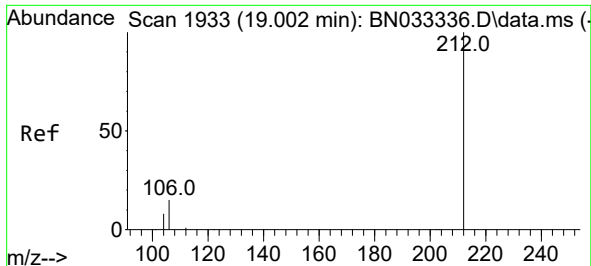
Ion Ratio Lower Upper

178 100

176 21.0 15.4 23.0

179 16.7 12.2 18.2

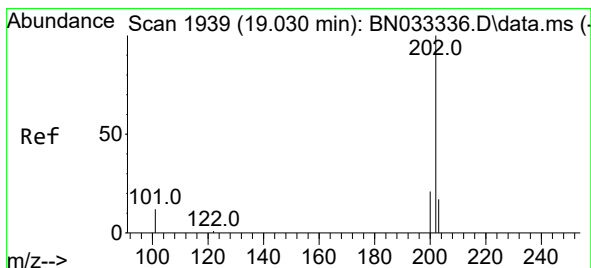
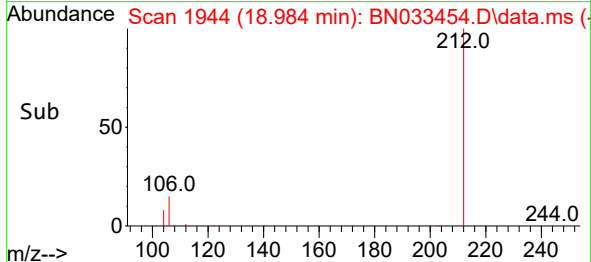
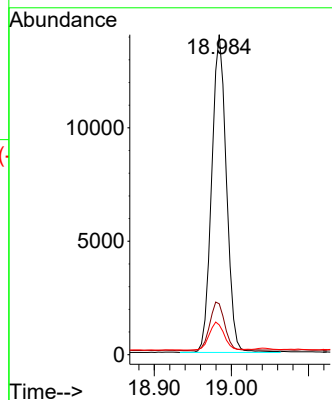
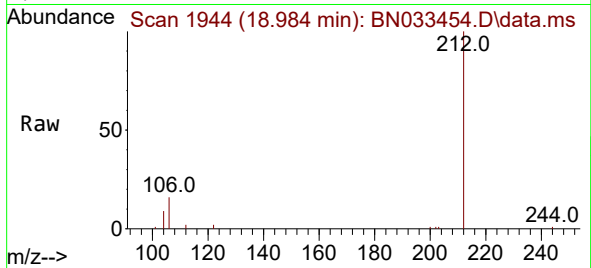




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

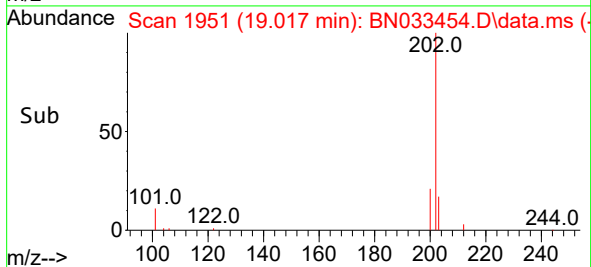
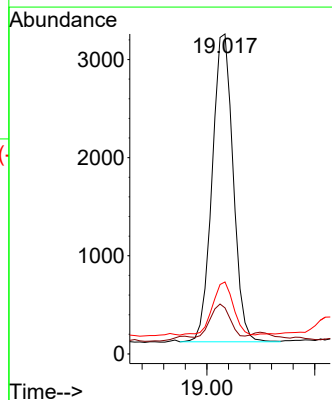
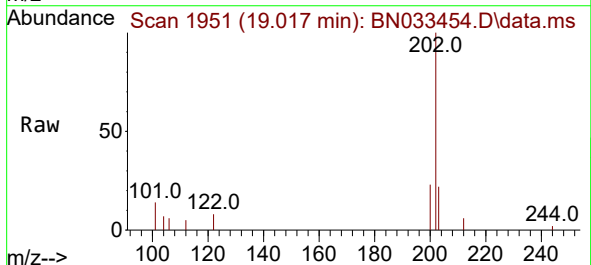
Instrument :
BNA_N
ClientSampleId :
920-J-WS-081424

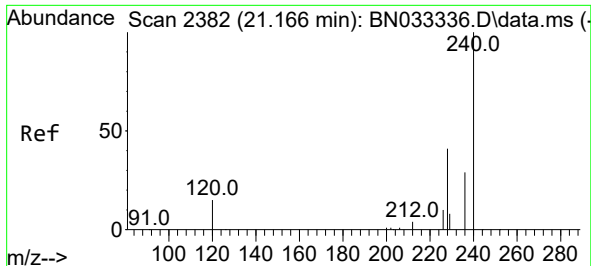
Tgt Ion:212 Resp: 18592
Ion Ratio Lower Upper
212 100
106 15.8 12.8 19.2
104 8.9 7.1 10.7



#28
Fluoranthene
Concen: 0.061 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

Tgt Ion:202 Resp: 4229
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
203 17.4 13.8 20.6

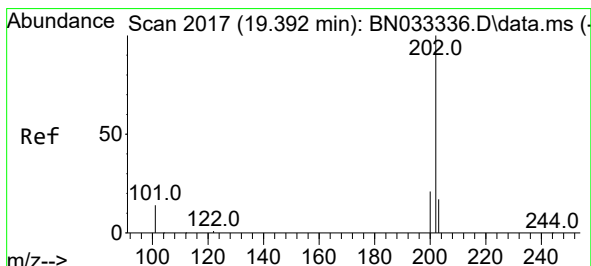
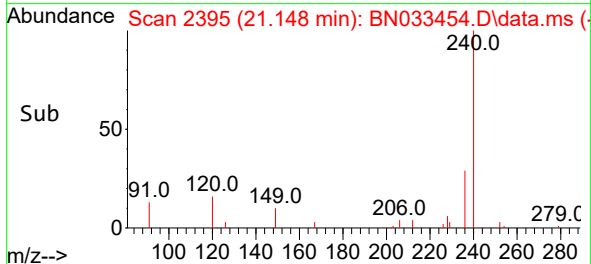
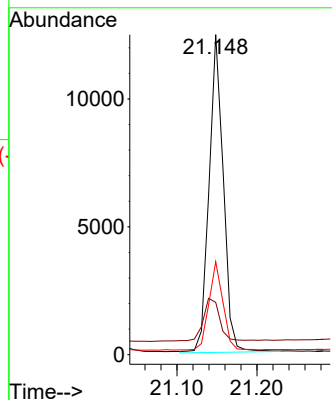
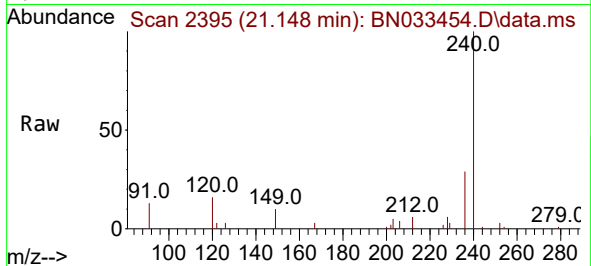




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

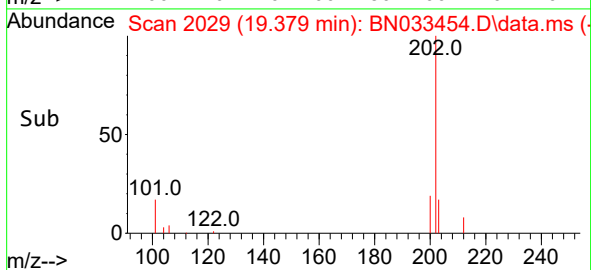
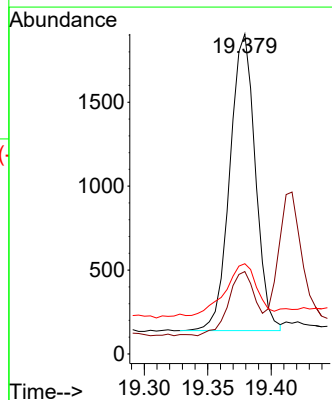
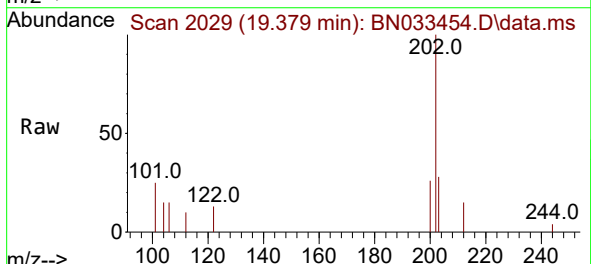
Instrument :
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920-J-WS-081424

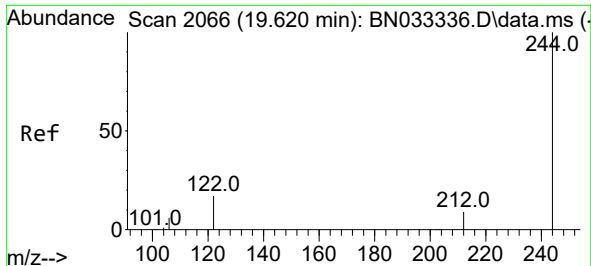
Tgt Ion:240 Resp: 15396
Ion Ratio Lower Upper
240 100
120 16.4 13.0 19.6
236 29.1 23.2 34.8



#30
Pyrene
Concen: 0.040 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033454.D
Acq: 17 Aug 2024 06:02

Tgt Ion:202 Resp: 2469
Ion Ratio Lower Upper
202 100
200 22.9 16.7 25.1
203 21.7 14.2 21.4#

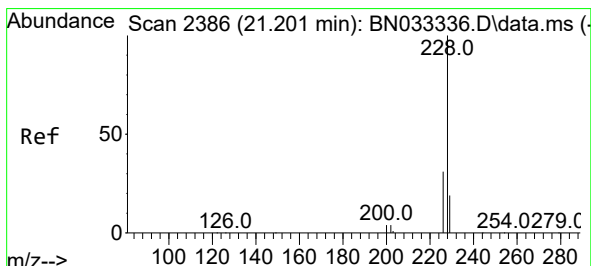
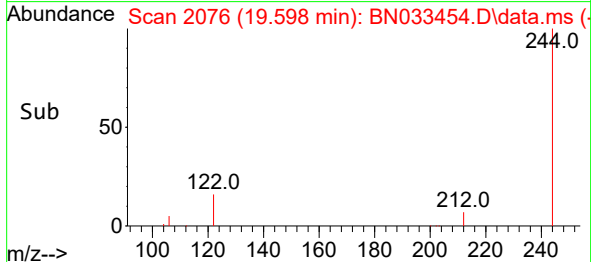
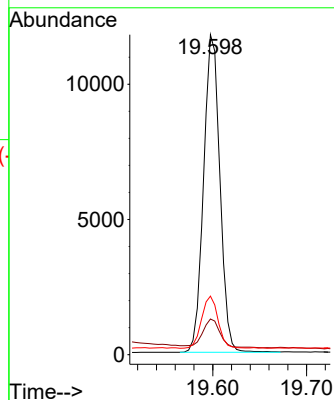
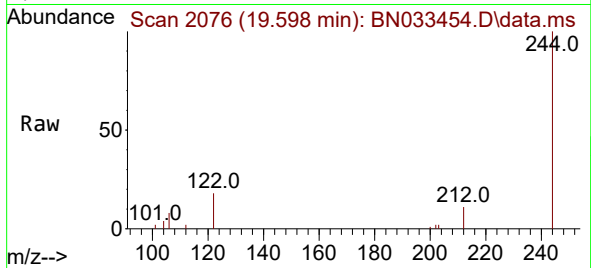




#31
 Terphenyl-d14
 Concen: 0.489 ng
 RT: 19.598 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033454.D
 Acq: 17 Aug 2024 06:02

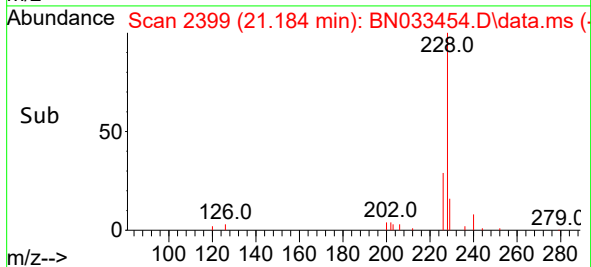
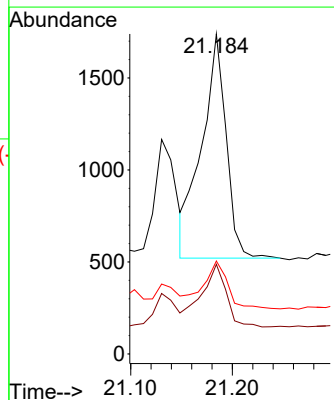
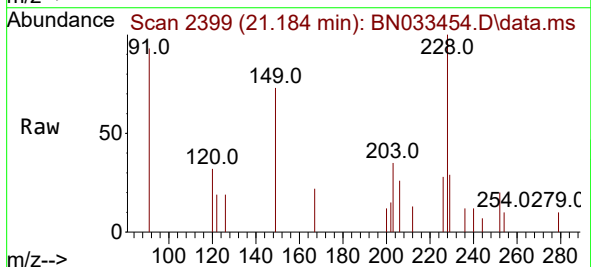
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WS-081424

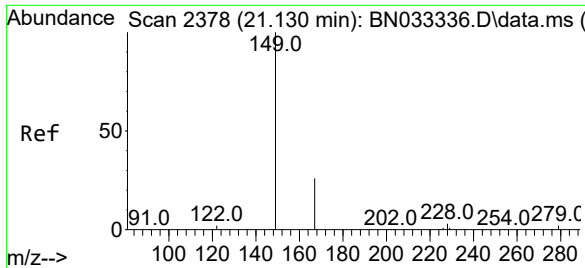
Tgt Ion:244 Resp: 14210
 Ion Ratio Lower Upper
 244 100
 212 11.2 7.7 11.5
 122 18.3 14.0 21.0



#33
 Chrysene
 Concen: 0.035 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.009 min
 Lab File: BN033454.D
 Acq: 17 Aug 2024 06:02

Tgt Ion:228 Resp: 2039
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.7 37.1
 229 29.0 15.4 23.2#

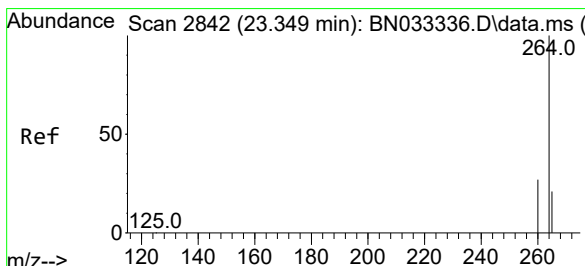
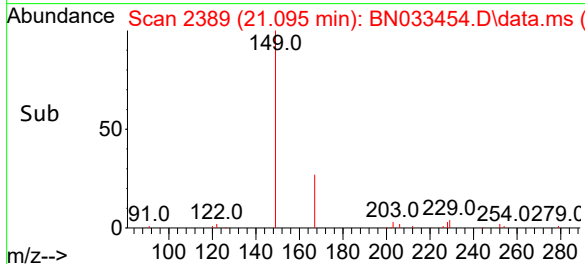
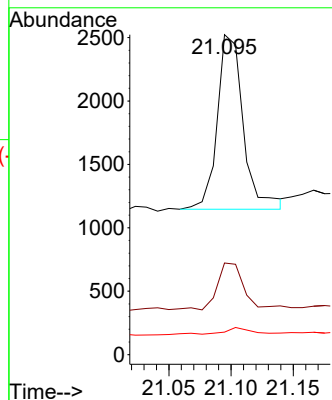
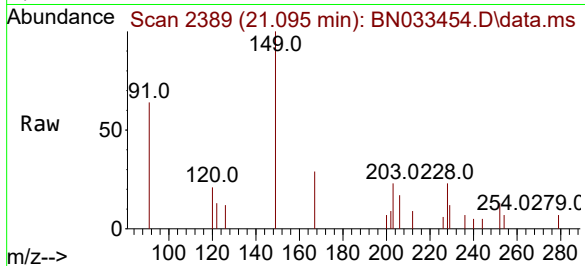




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.095 min Scan# 2109
 Delta R.T. -0.018 min
 Lab File: BN033454.D
 Acq: 17 Aug 2024 06:02

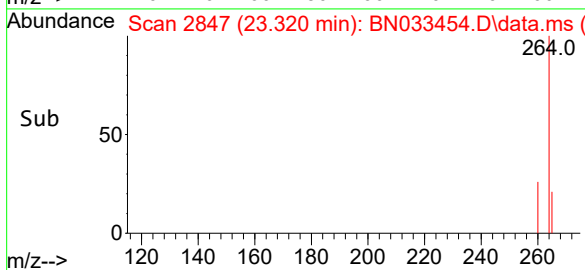
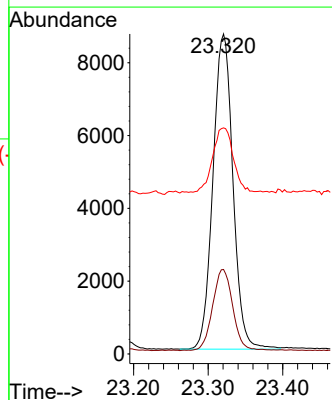
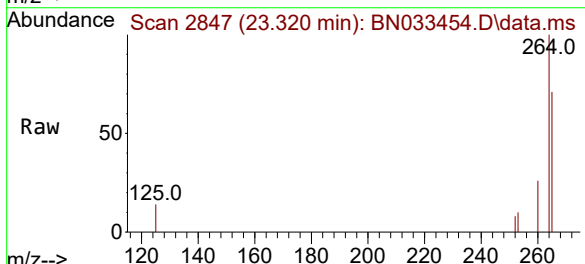
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WS-081424

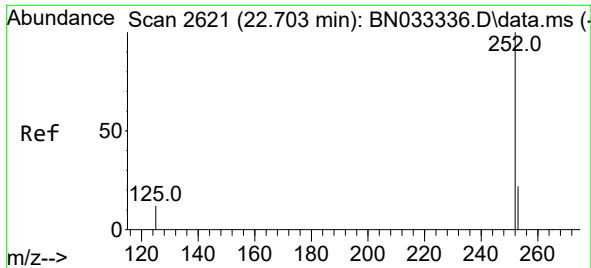
Tgt Ion:149 Resp: 2010
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.9 31.3
 279 5.4 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.320 min Scan# 2847
 Delta R.T. -0.012 min
 Lab File: BN033454.D
 Acq: 17 Aug 2024 06:02

Tgt Ion:264 Resp: 16092
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.6 32.4
 265 70.6 29.3 43.9#





#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.674 min Scan# 20

Delta R.T. -0.012 min

Lab File: BN033454.D

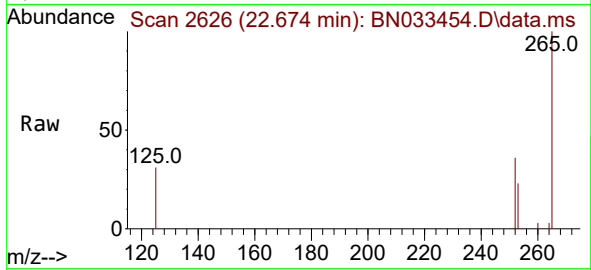
Acq: 17 Aug 2024 06:02

Instrument :

BNA_N

ClientSampleId :

920-J-WS-081424



Tgt Ion:252 Resp: 1701

Ion Ratio Lower Upper

252 100

253 64.1 18.2 27.2#

125 85.3 11.3 16.9#

