

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033458.D
 Acq On : 17 Aug 2024 08:27
 Operator : MA/JU
 Sample : P3596-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 17 23:20:41 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

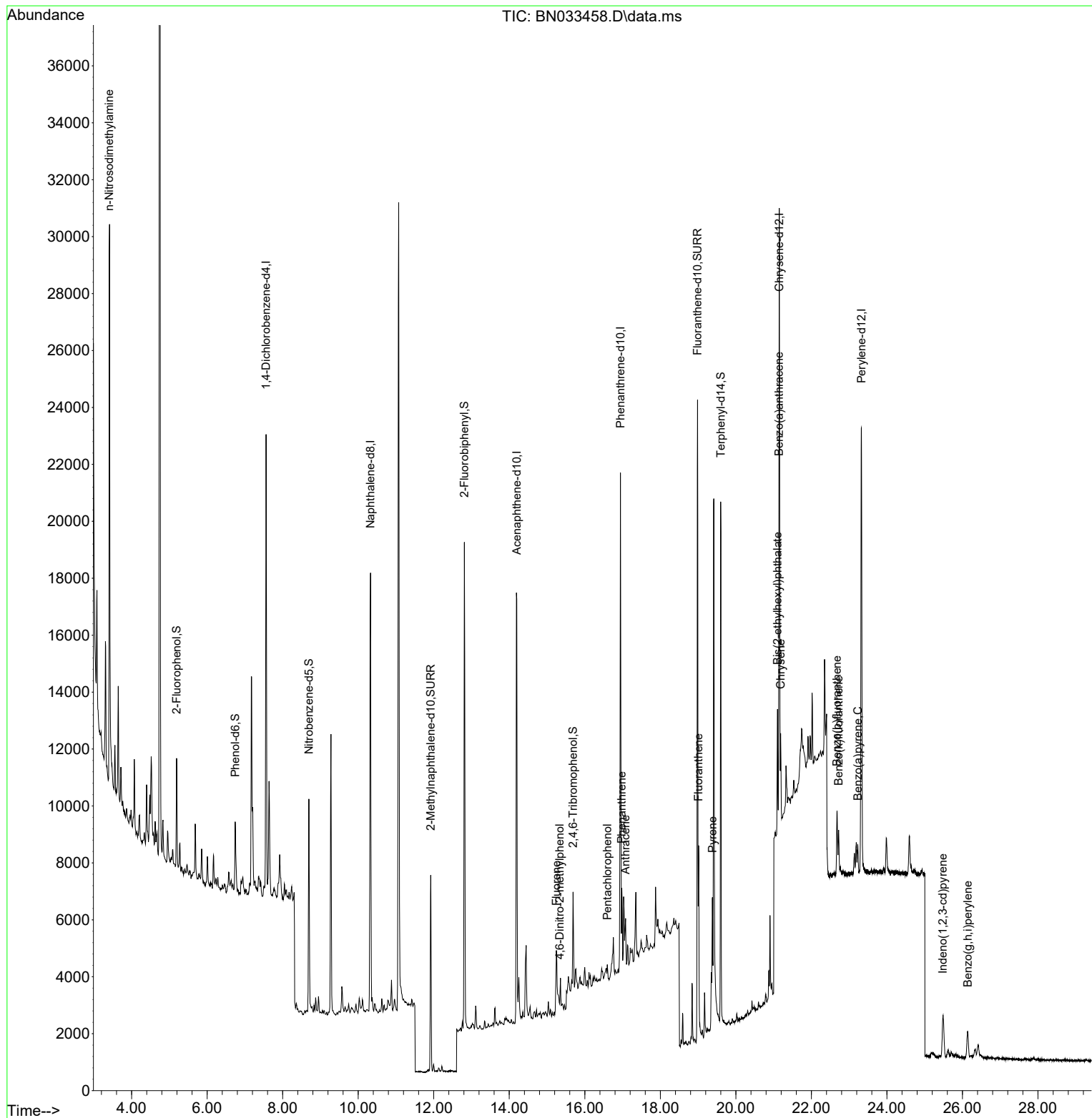
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7353	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20095	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10132	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21230	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	18526	0.400	ng	0.00
35) Perylene-d12	23.323	264	19543	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2781	0.137	ng	0.00
5) Phenol-d6	6.743	99	1984	0.072	ng	0.00
8) Nitrobenzene-d5	8.691	82	5465	0.361	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	9105	0.294	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1898	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	14558	0.351	ng	-0.01
27) Fluoranthene-d10	18.984	212	22664	0.399	ng	0.00
31) Terphenyl-d14	19.597	244	16877	0.482	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.407	42	3422	0.325	ng	# 1
18) Fluorene	15.247	166	3755	0.088	ng	# 31
20) 4,6-Dinitro-2-methylph...	15.333	198	86	0.033	ng	# 1
24) Pentachlorophenol	16.594	266	222	0.039	ng	93
25) Phenanthrene	16.979	178	3065	0.050	ng	99
26) Anthracene	17.078	178	1616	0.030	ng	# 81
28) Fluoranthene	19.012	202	5707	0.076	ng	99
30) Pyrene	19.379	202	3893	0.053	ng	# 94
32) Benzo(a)anthracene	21.139	228	1866	0.027	ng	# 83
33) Chrysene	21.184	228	2774	0.040	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.104	149	4003	0.127	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.478	276	1904	0.024	ng	99
37) Benzo(b)fluoranthene	22.677	252	2998	0.041	ng	# 18
38) Benzo(k)fluoranthene	22.721	252	1763	0.023	ng	# 1
39) Benzo(a)pyrene	23.227	252	1318	0.021	ng	# 1
41) Benzo(g,h,i)perylene	26.139	276	1763	0.025	ng	# 55

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

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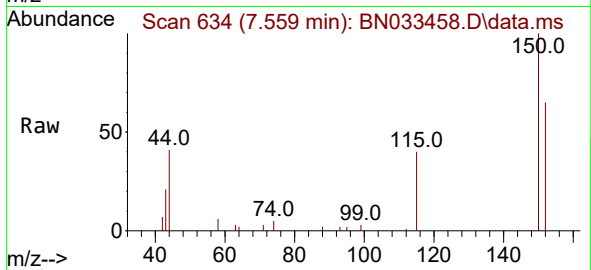
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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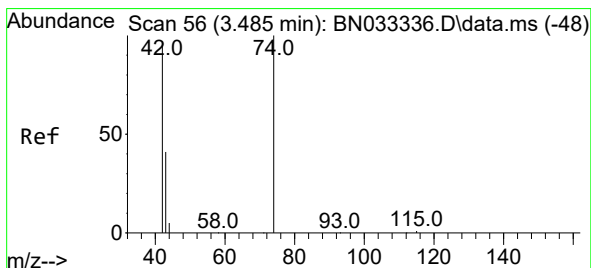
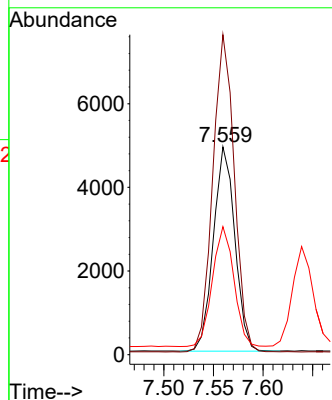
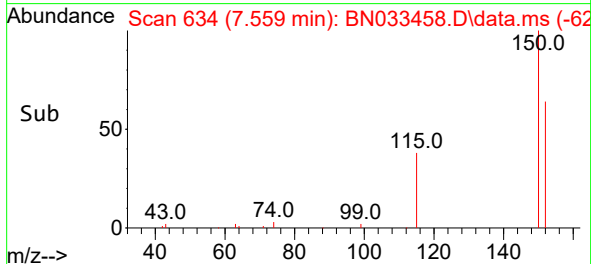


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

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ClientSampleId :
918-J-WS-081324

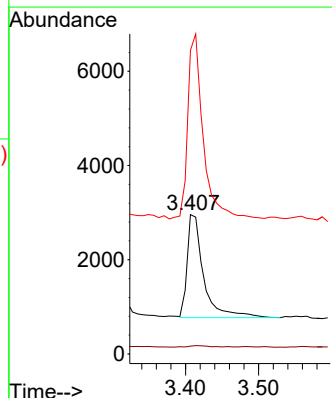
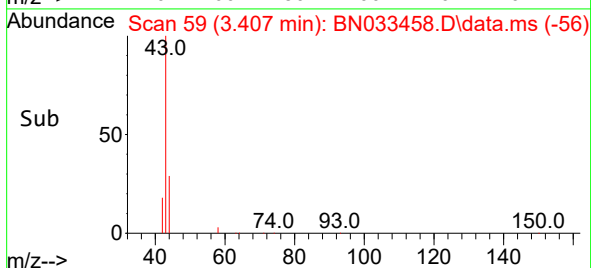
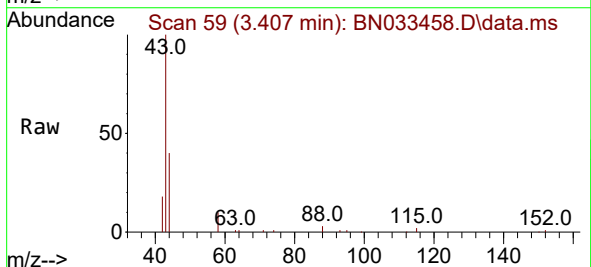


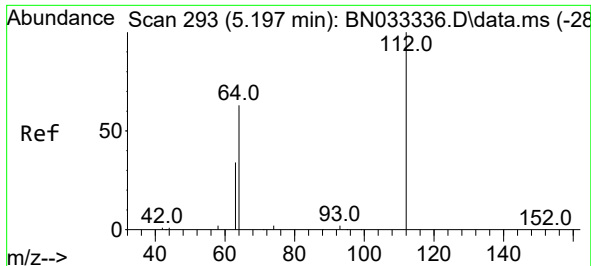
Tgt Ion:152 Resp: 7353
Ion Ratio Lower Upper
152 100
150 154.0 122.3 183.5
115 61.6 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.325 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.079 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion: 42 Resp: 3422
Ion Ratio Lower Upper
42 100
74 1.4 89.0 133.6#
44 165.1 11.0 16.4#





#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.191 min Scan# 306

Delta R.T. -0.007 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324

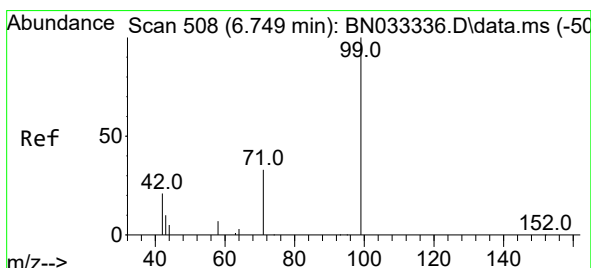
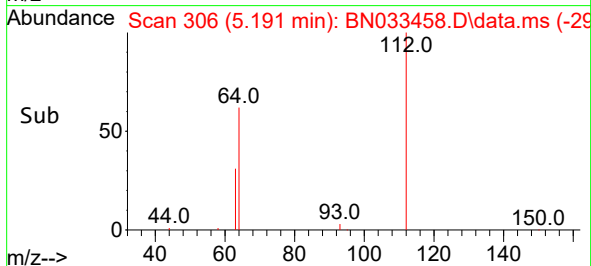
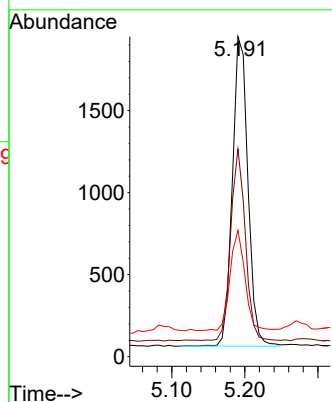
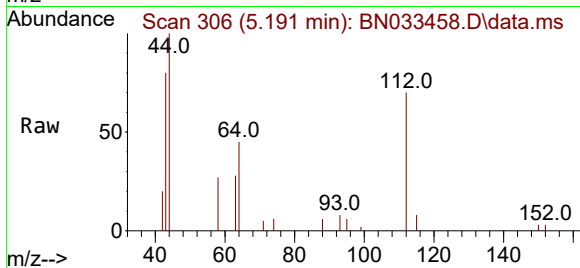
Tgt Ion:112 Resp: 2781

Ion Ratio Lower Upper

112 100

64 58.3 48.1 72.1

63 30.7 25.4 38.2



#5

Phenol-d6

Concen: 0.072 ng

RT: 6.743 min Scan# 521

Delta R.T. -0.007 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

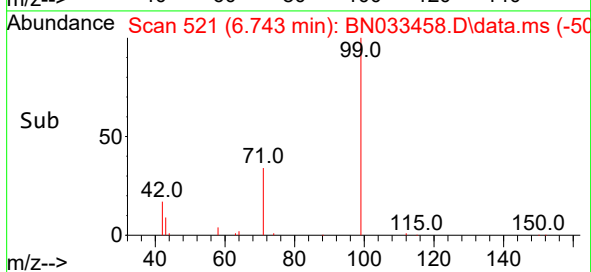
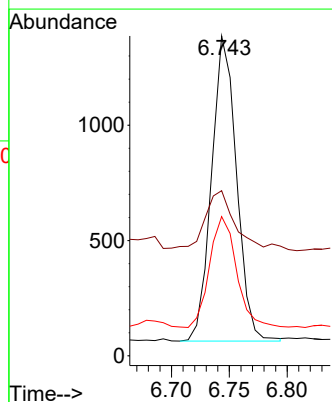
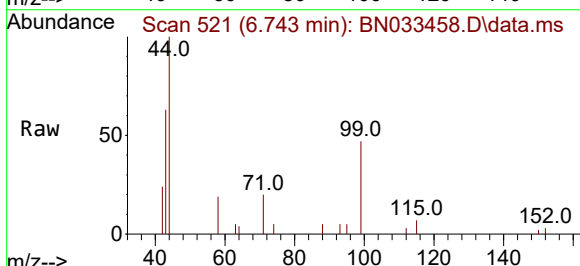
Tgt Ion: 99 Resp: 1984

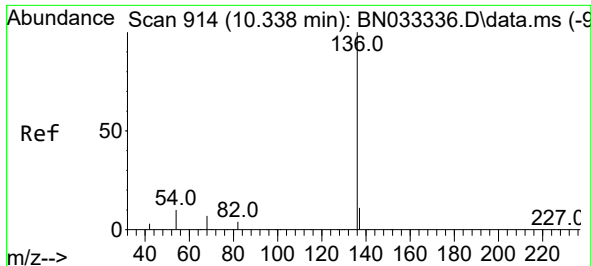
Ion Ratio Lower Upper

99 100

42 24.4 18.5 27.7

71 39.3 26.2 39.2#

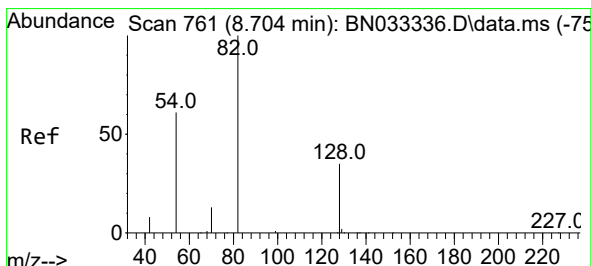
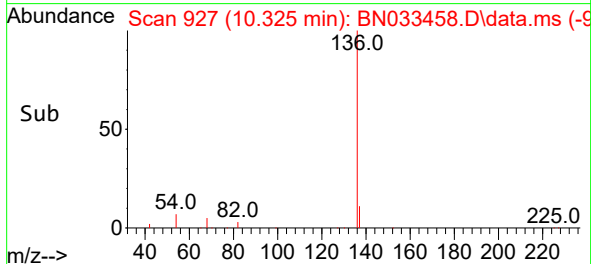
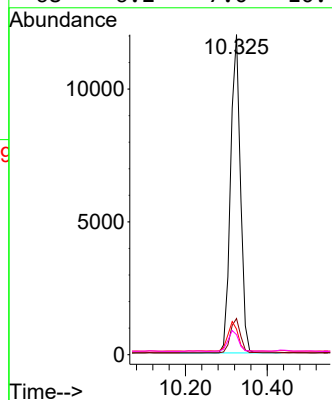
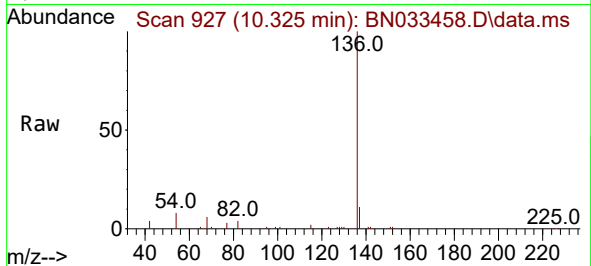




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

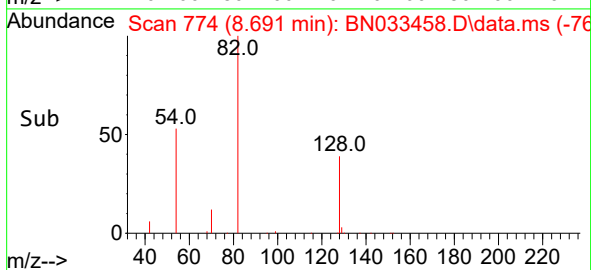
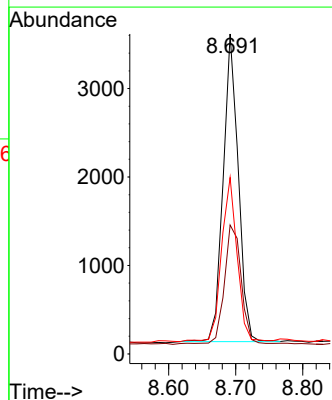
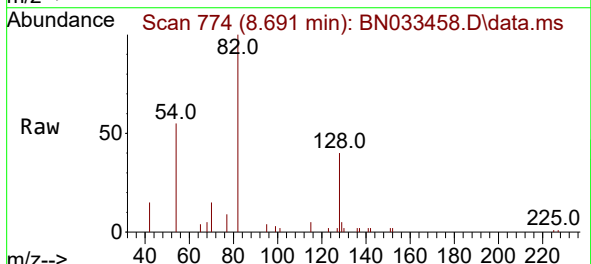
Instrument :
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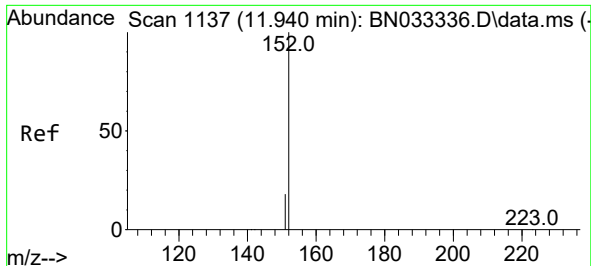
Tgt Ion:	136	Resp:	20095
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	8.0	9.4	14.0#
68	6.2	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:	82	Resp:	5465
Ion Ratio	Lower	Upper	
82	100		
128	40.3	29.0	43.4
54	55.1	50.2	75.4

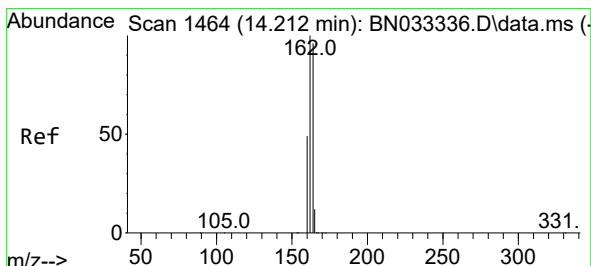
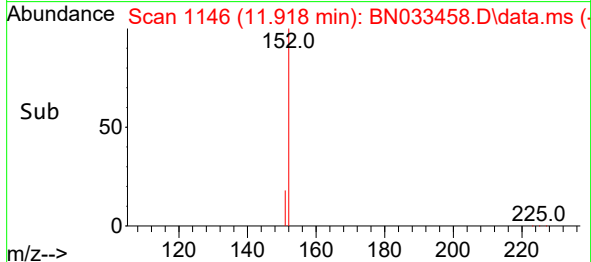
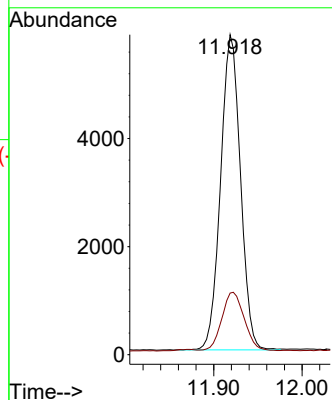
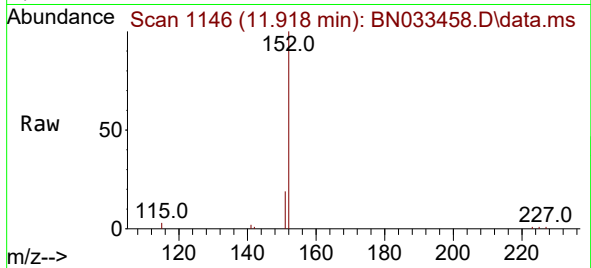




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 11.918 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

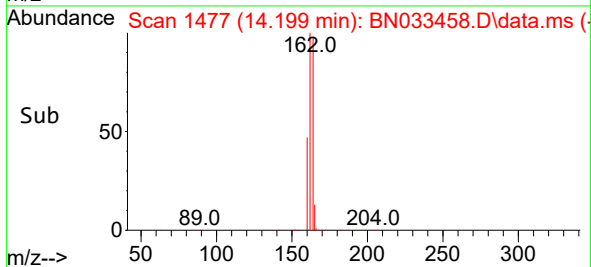
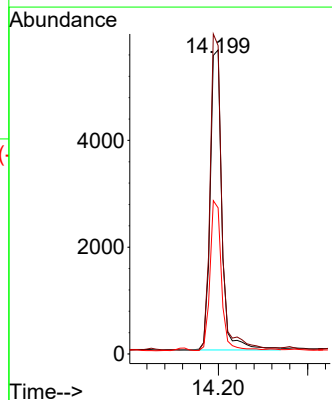
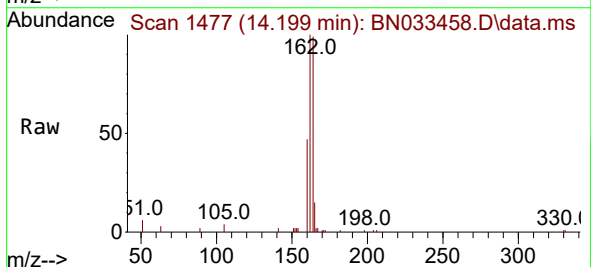
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324

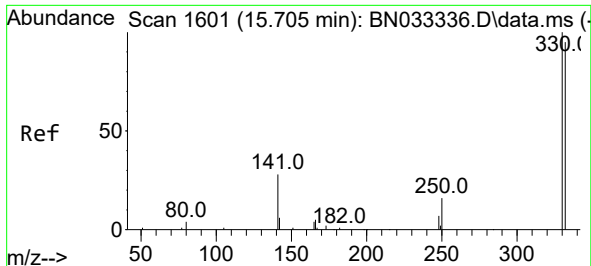
Tgt Ion:152 Resp: 9105
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:164 Resp: 10132
Ion Ratio Lower Upper
164 100
162 101.4 83.1 124.7
160 48.1 41.1 61.7

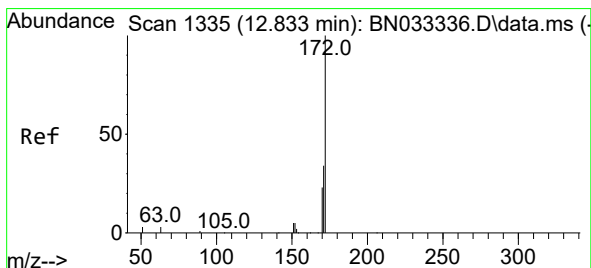
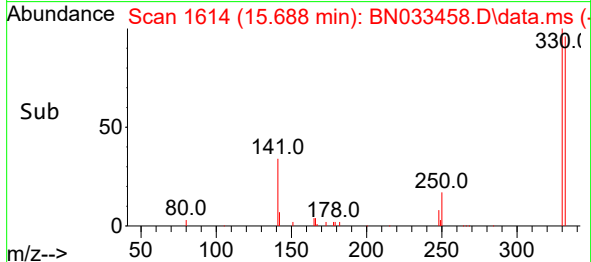
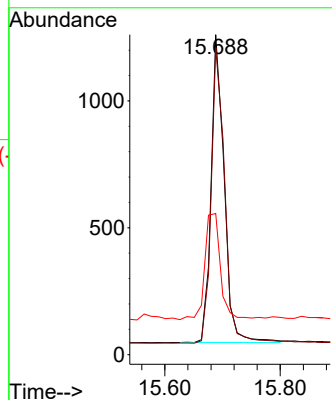
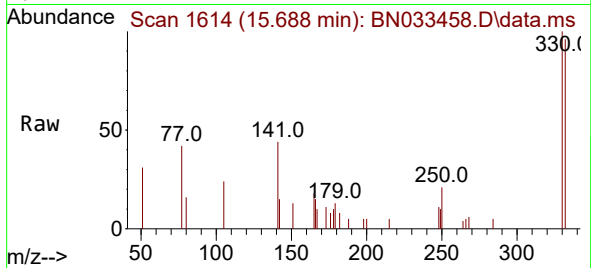




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

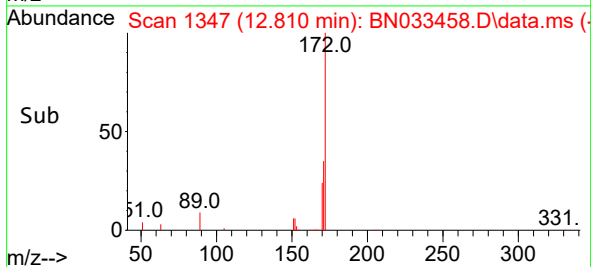
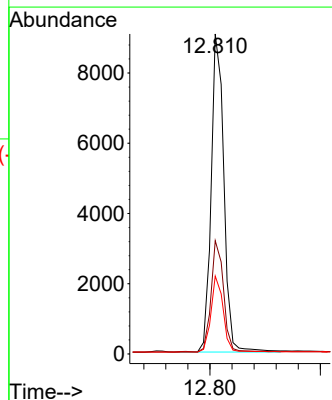
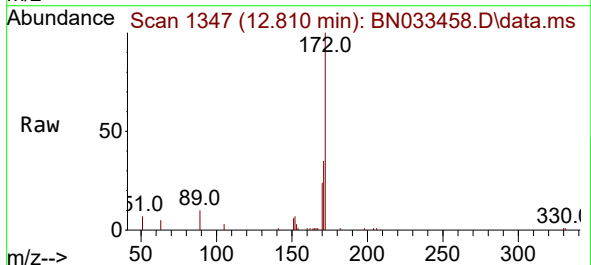
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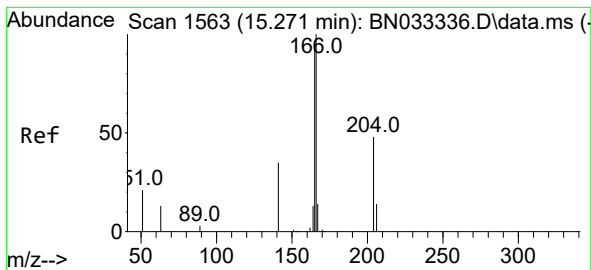
Tgt Ion:330 Resp: 1898
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 41.3 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.810 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:172 Resp: 14558
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.3 18.7 28.1





#18

Fluorene

Concen: 0.088 ng

RT: 15.247 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324

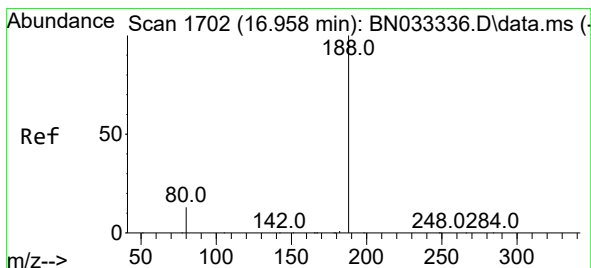
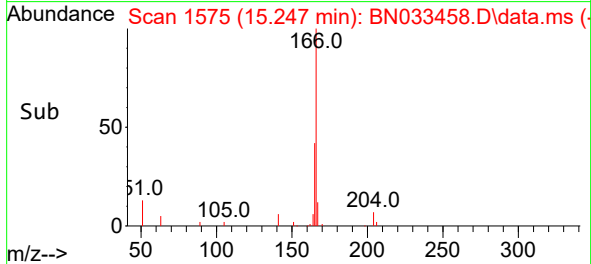
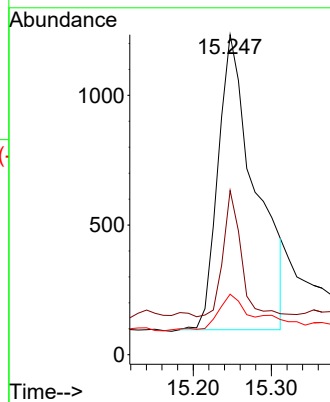
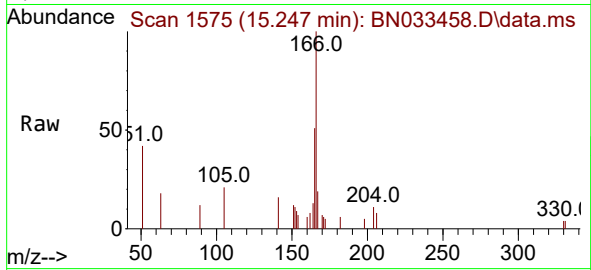
Tgt Ion:166 Resp: 3755

Ion Ratio Lower Upper

166 100

165 20.9 78.0 117.0#

167 10.3 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

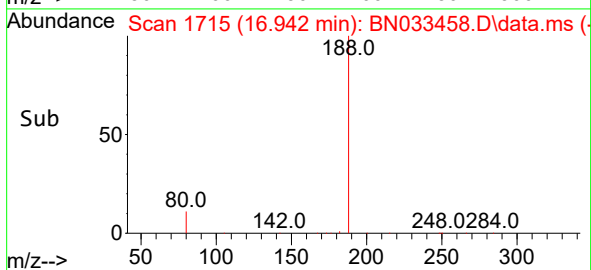
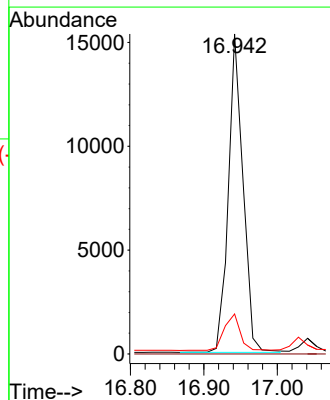
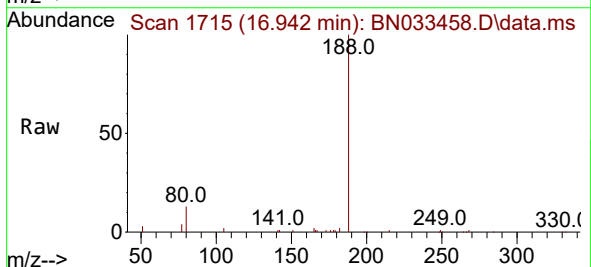
Tgt Ion:188 Resp: 21230

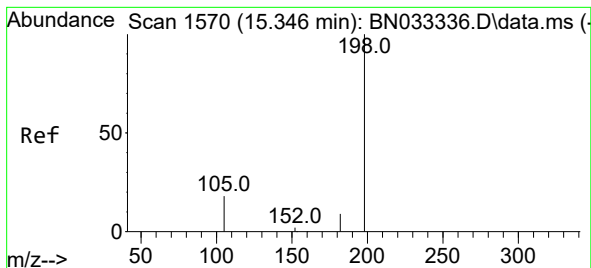
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 10.7 16.1

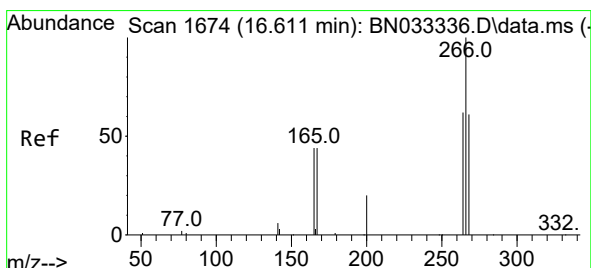
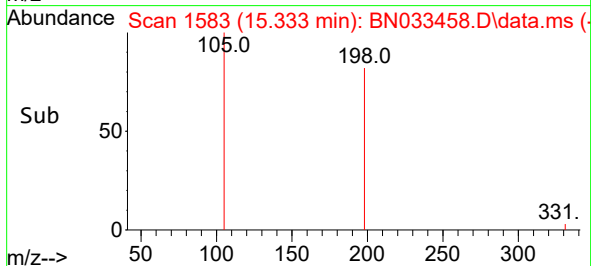
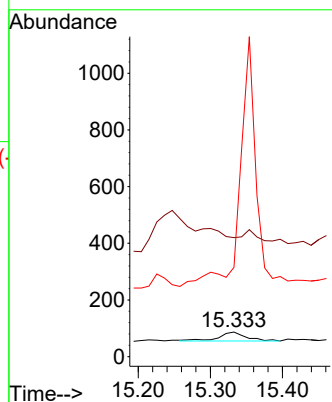
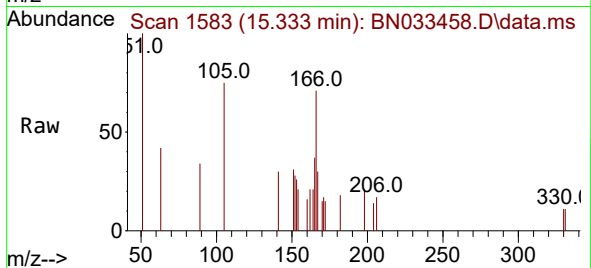




#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 15.333 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

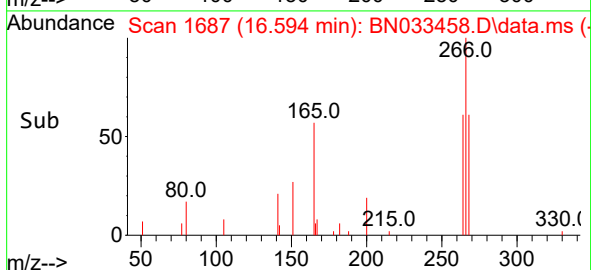
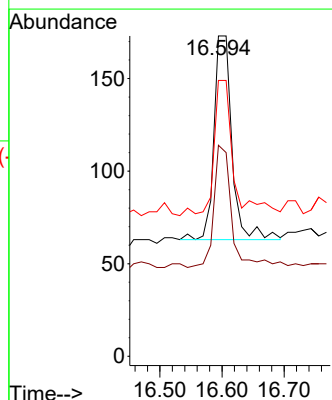
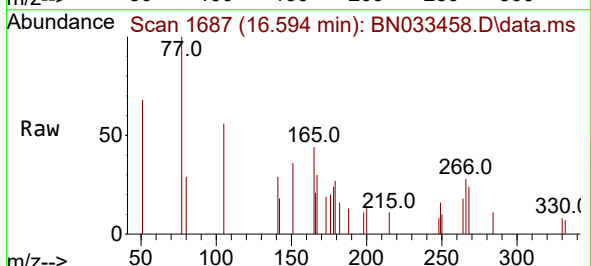
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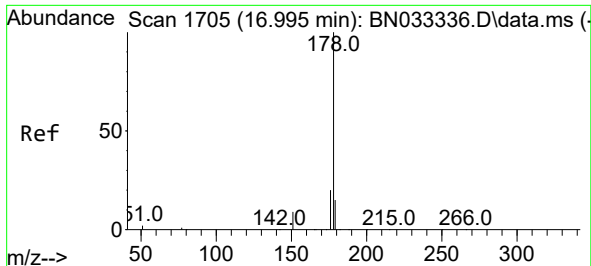
Tgt Ion:198 Resp: 86
Ion Ratio Lower Upper
198 100
51 482.8 62.8 94.2#
105 362.1 34.1 51.1#



#24
Pentachlorophenol
Concen: 0.039 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:266 Resp: 222
Ion Ratio Lower Upper
266 100
264 58.1 49.2 73.8
268 71.6 51.2 76.8

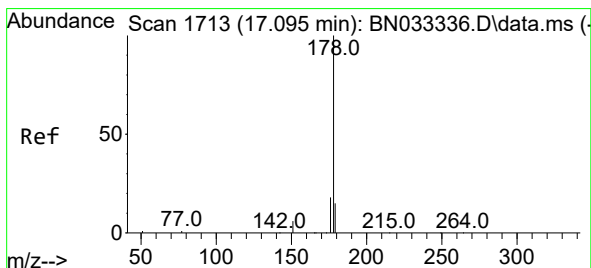
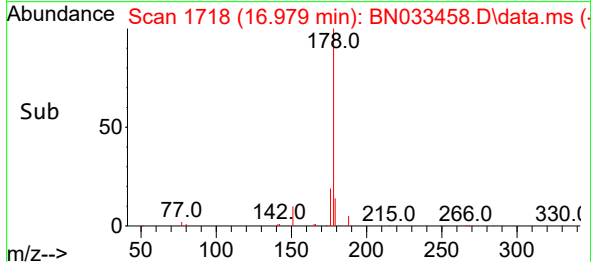
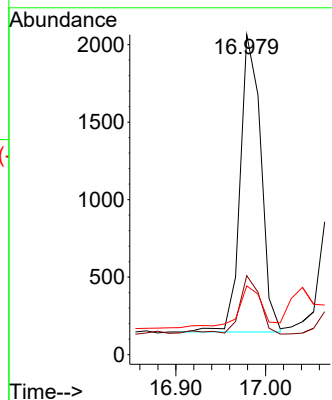
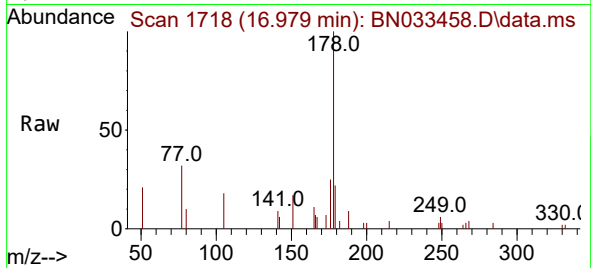




#25
Phenanthrene
Concen: 0.050 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

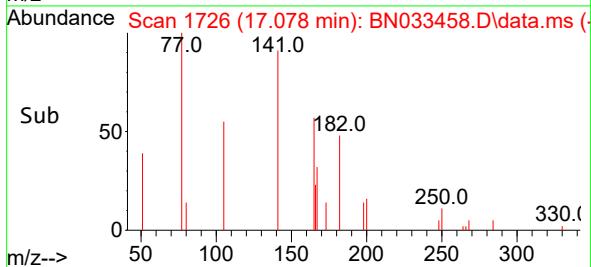
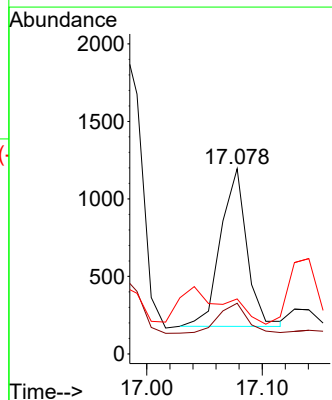
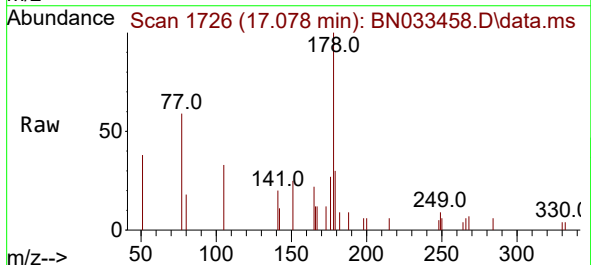
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324

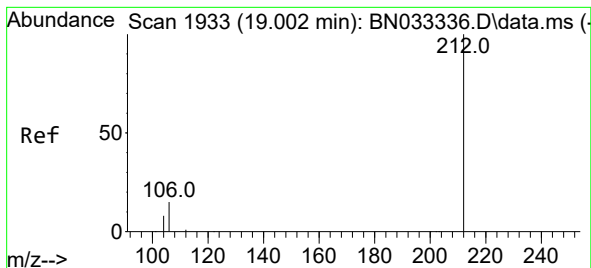
Tgt Ion:178 Resp: 3065
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.3 12.2 18.2



#26
Anthracene
Concen: 0.030 ng
RT: 17.078 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:178 Resp: 1616
Ion Ratio Lower Upper
178 100
176 20.7 14.7 22.1
179 0.0 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324

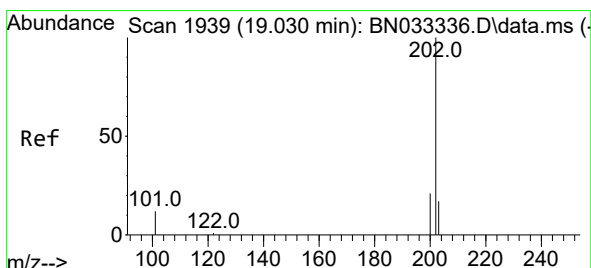
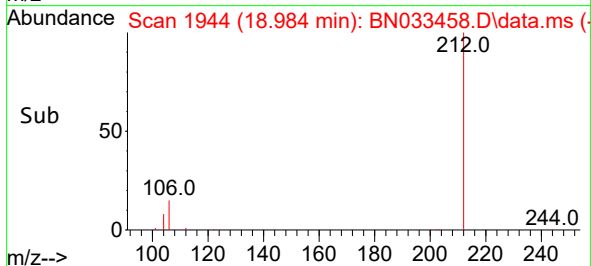
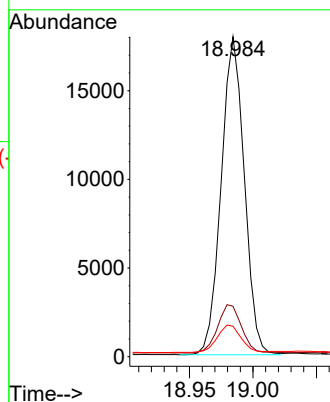
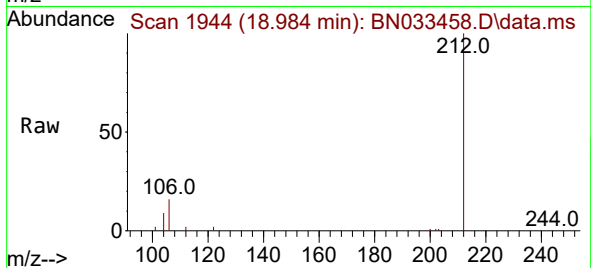
Tgt Ion:212 Resp: 22664

Ion Ratio Lower Upper

212 100

106 15.7 12.8 19.2

104 9.1 7.1 10.7



#28

Fluoranthene

Concen: 0.076 ng

RT: 19.012 min Scan# 1950

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

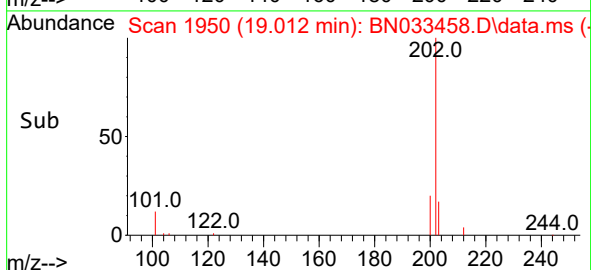
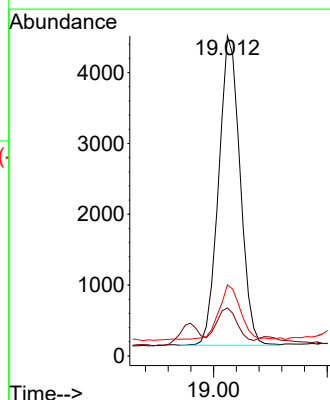
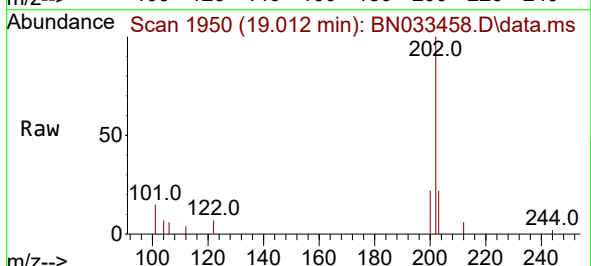
Tgt Ion:202 Resp: 5707

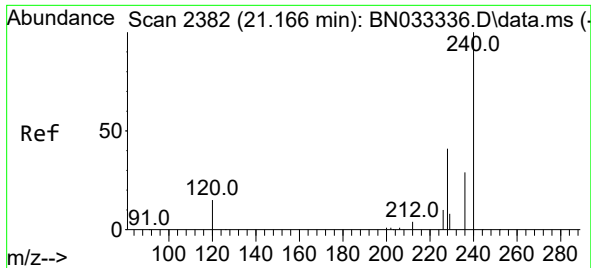
Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.6

203 17.5 13.8 20.6

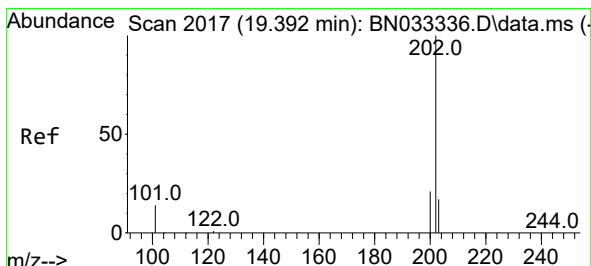
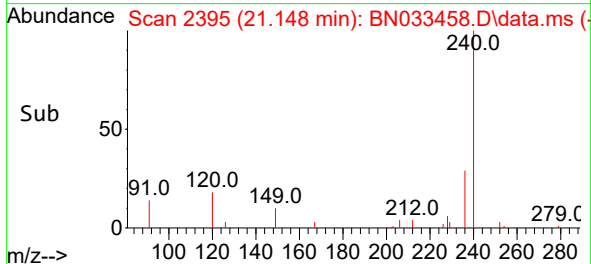
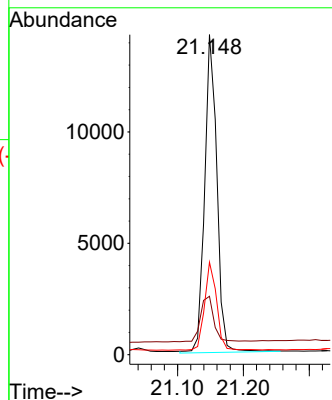
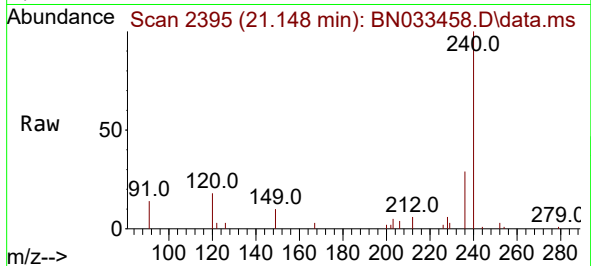




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

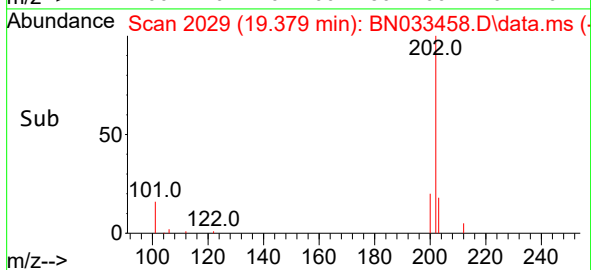
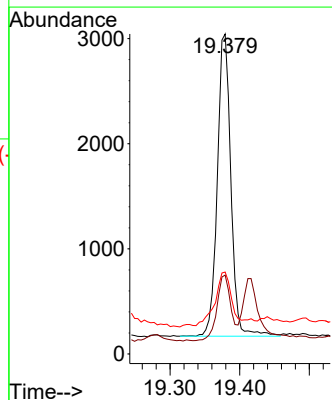
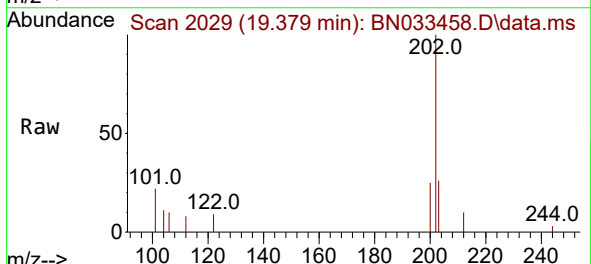
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324

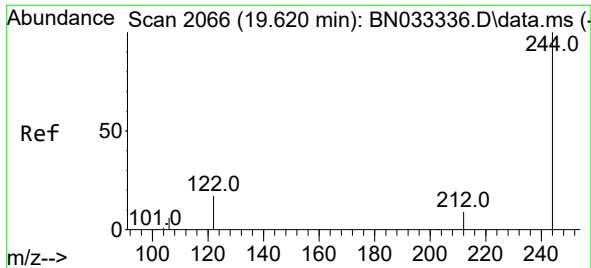
Tgt Ion:240 Resp: 18526
Ion Ratio Lower Upper
240 100
120 18.2 13.0 19.6
236 28.9 23.2 34.8



#30
Pyrene
Concen: 0.053 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:202 Resp: 3893
Ion Ratio Lower Upper
202 100
200 22.7 16.7 25.1
203 21.6 14.2 21.4#

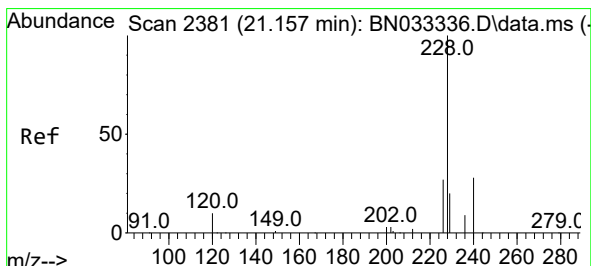
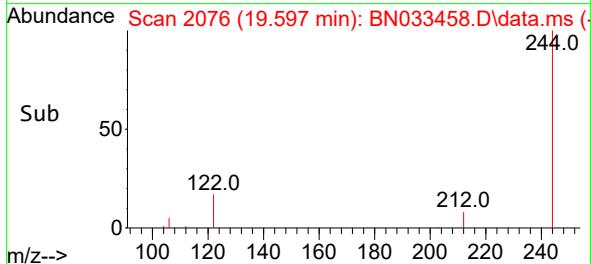
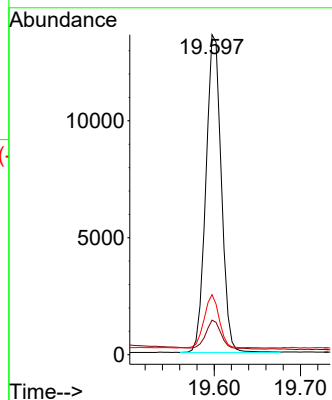
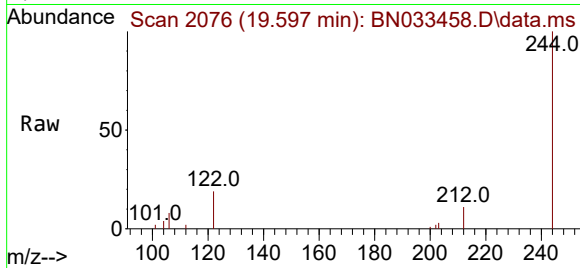




#31
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.597 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033458.D
 Acq: 17 Aug 2024 08:27

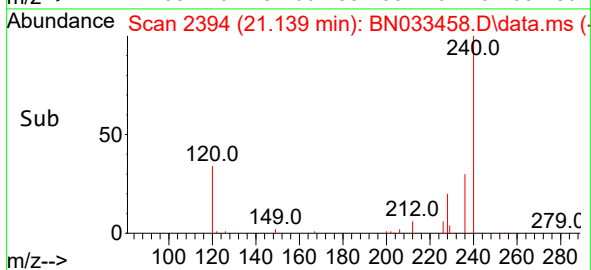
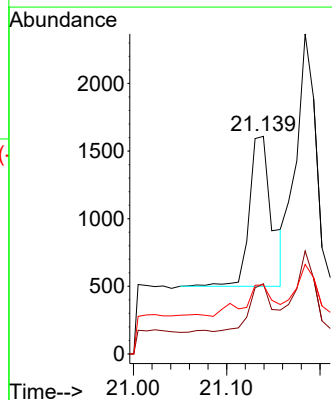
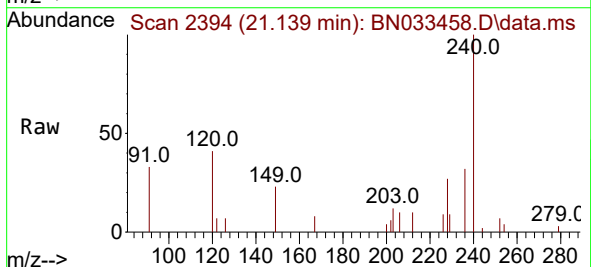
Instrument :
 BNA_N
 ClientSampleId :
 918-J-WS-081324

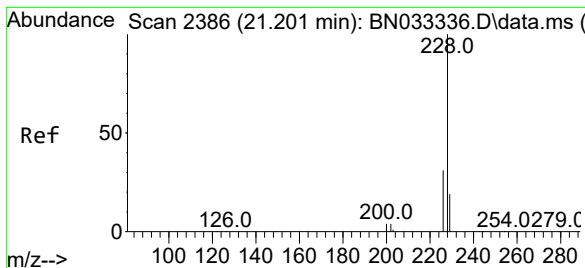
Tgt Ion:244 Resp: 16877
 Ion Ratio Lower Upper
 244 100
 212 10.8 7.7 11.5
 122 18.7 14.0 21.0



#32
 Benzo(a)anthracene
 Concen: 0.027 ng
 RT: 21.139 min Scan# 2394
 Delta R.T. 0.000 min
 Lab File: BN033458.D
 Acq: 17 Aug 2024 08:27

Tgt Ion:228 Resp: 1866
 Ion Ratio Lower Upper
 228 100
 226 32.3 21.6 32.4
 229 31.8 15.9 23.9#





#33

Chrysene

Concen: 0.040 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324

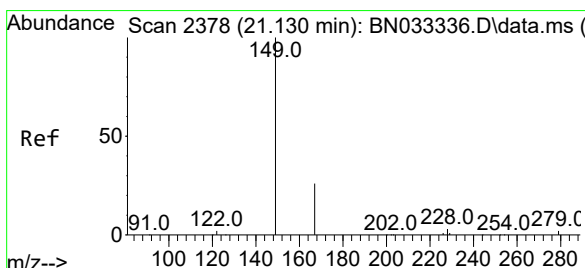
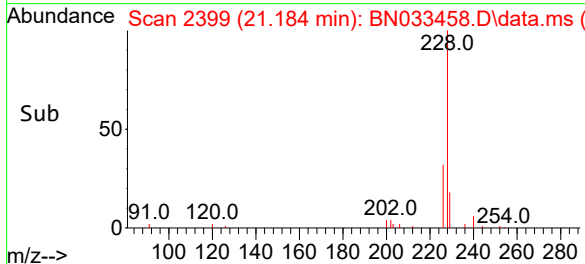
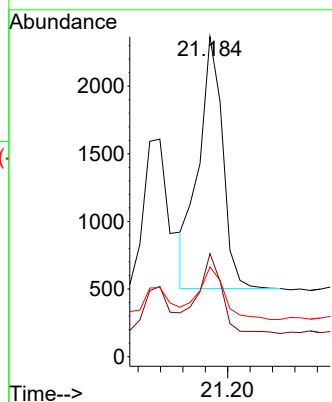
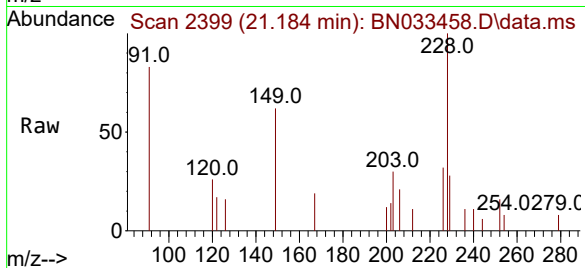
Tgt Ion:228 Resp: 2774

Ion Ratio Lower Upper

228 100

226 32.2 24.7 37.1

229 28.0 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.104 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

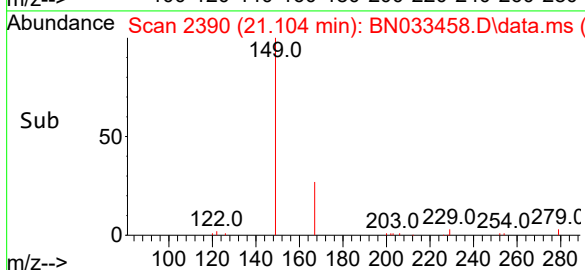
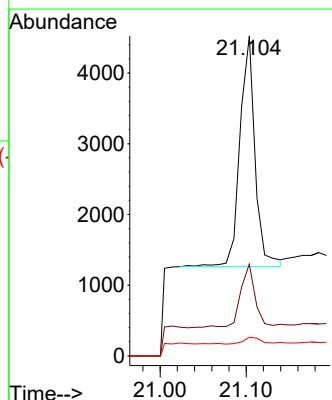
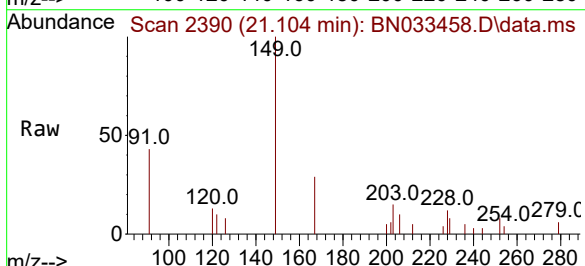
Tgt Ion:149 Resp: 4003

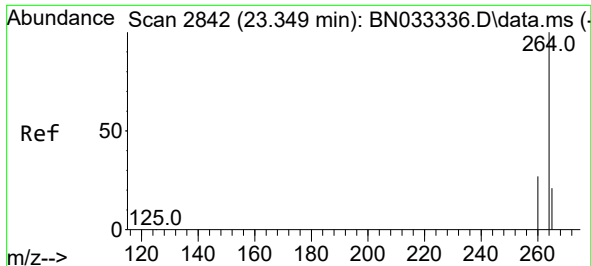
Ion Ratio Lower Upper

149 100

167 28.3 20.9 31.3

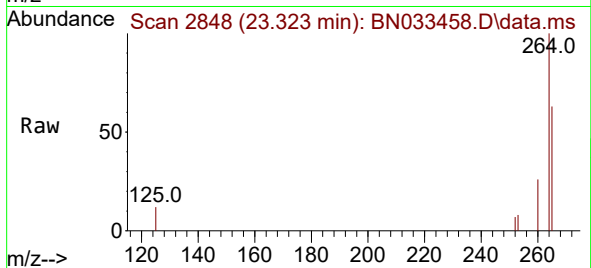
279 3.8 2.2 3.4#



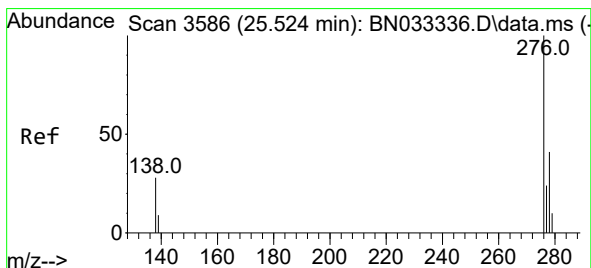
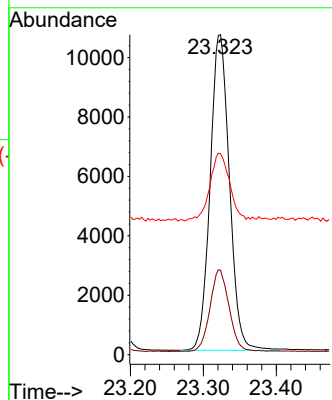
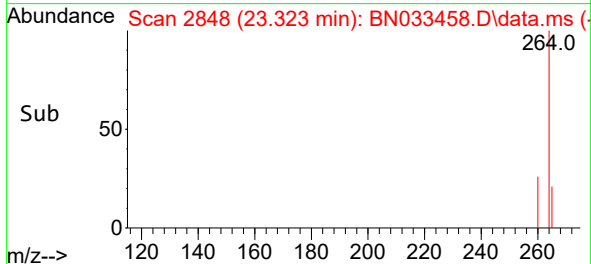


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

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

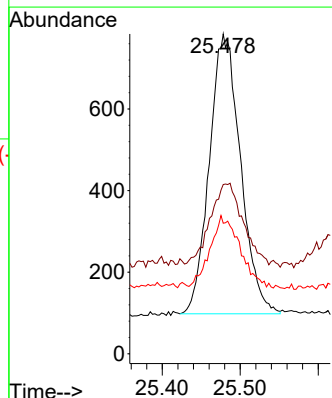
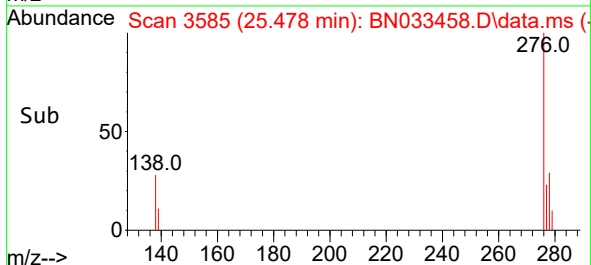
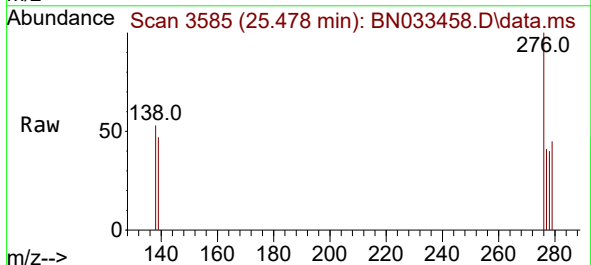


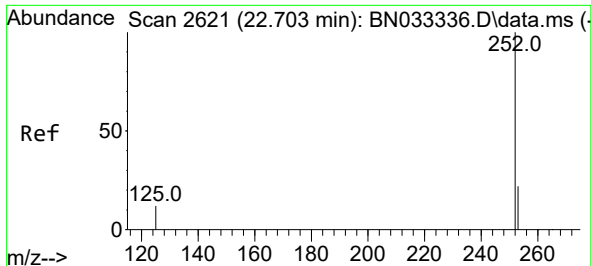
Tgt Ion:264 Resp: 19543
Ion Ratio Lower Upper
264 100
260 26.4 21.6 32.4
265 62.8 29.3 43.9#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.020 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:276 Resp: 1904
Ion Ratio Lower Upper
276 100
138 30.5 24.9 37.3
277 25.0 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.041 ng

RT: 22.677 min Scan# 2642

Delta R.T. -0.009 min

Lab File: BN033458.D

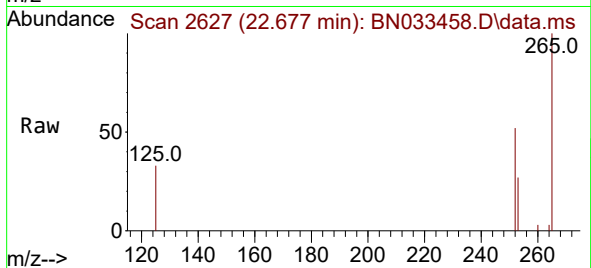
Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324



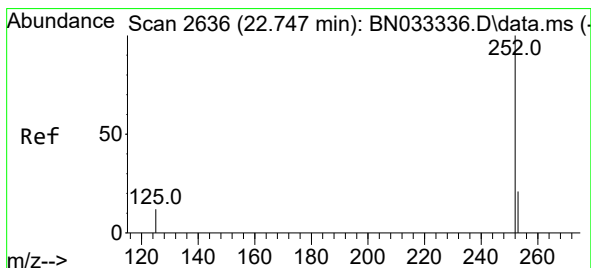
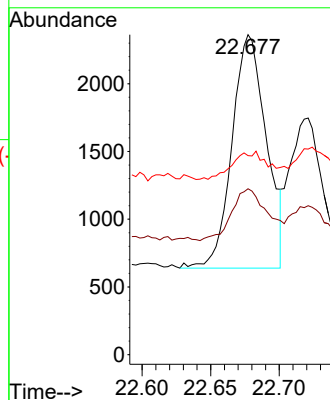
Tgt Ion:252 Resp: 2998

Ion Ratio Lower Upper

252 100

253 51.9 18.2 27.2#

125 62.2 11.3 16.9#



#38

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.721 min Scan# 2642

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

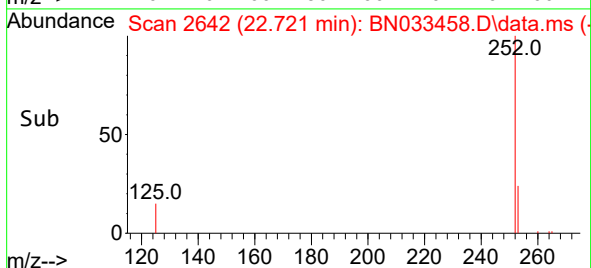
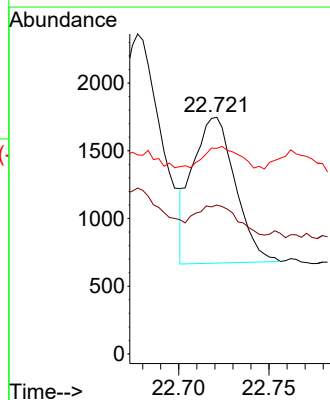
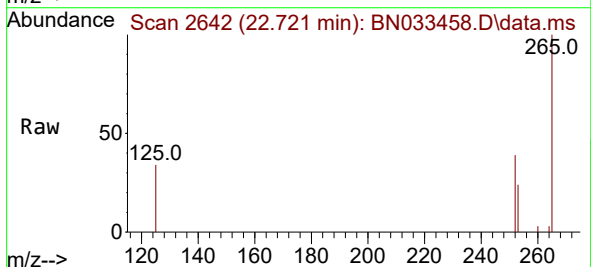
Tgt Ion:252 Resp: 1763

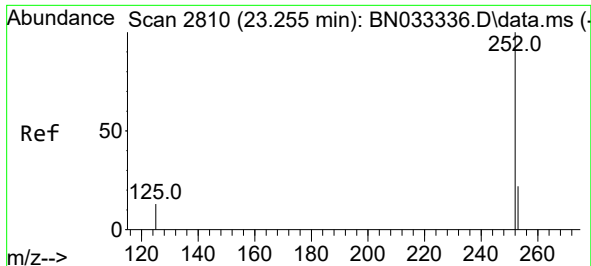
Ion Ratio Lower Upper

252 100

253 63.0 17.9 26.9#

125 86.8 11.3 16.9#





#39

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.227 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN033458.D

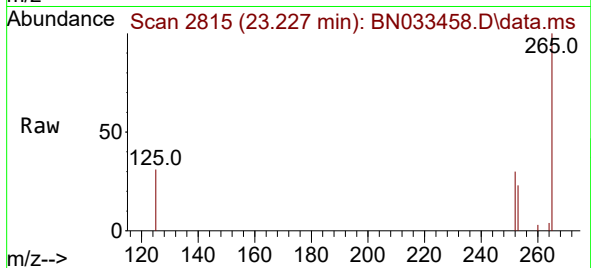
Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324



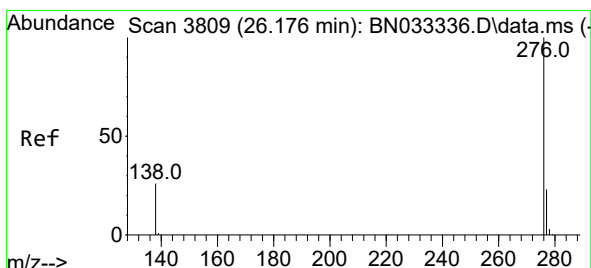
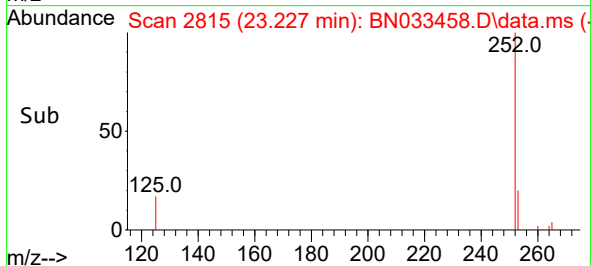
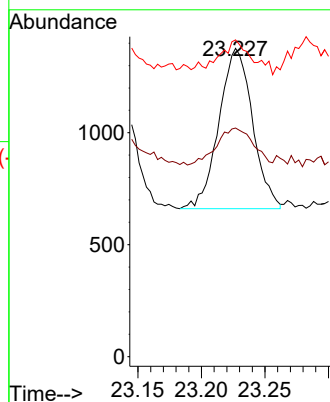
Tgt Ion:252 Resp: 1318

Ion Ratio Lower Upper

252 100

253 74.1 18.6 28.0#

125 102.8 12.6 19.0#



#41

Benzo(g,h,i)perylene

Concen: 0.025 ng

RT: 26.139 min Scan# 3811

Delta R.T. -0.012 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Tgt Ion:276 Resp: 1763

Ion Ratio Lower Upper

276 100

277 42.5 19.4 29.2#

138 53.8 21.6 32.4#

