

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019288.D
 Acq On : 01 Apr 2022 15:31
 Operator : CG/JU
 Sample : N2220-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A03140

Quant Time: Apr 01 16:42:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

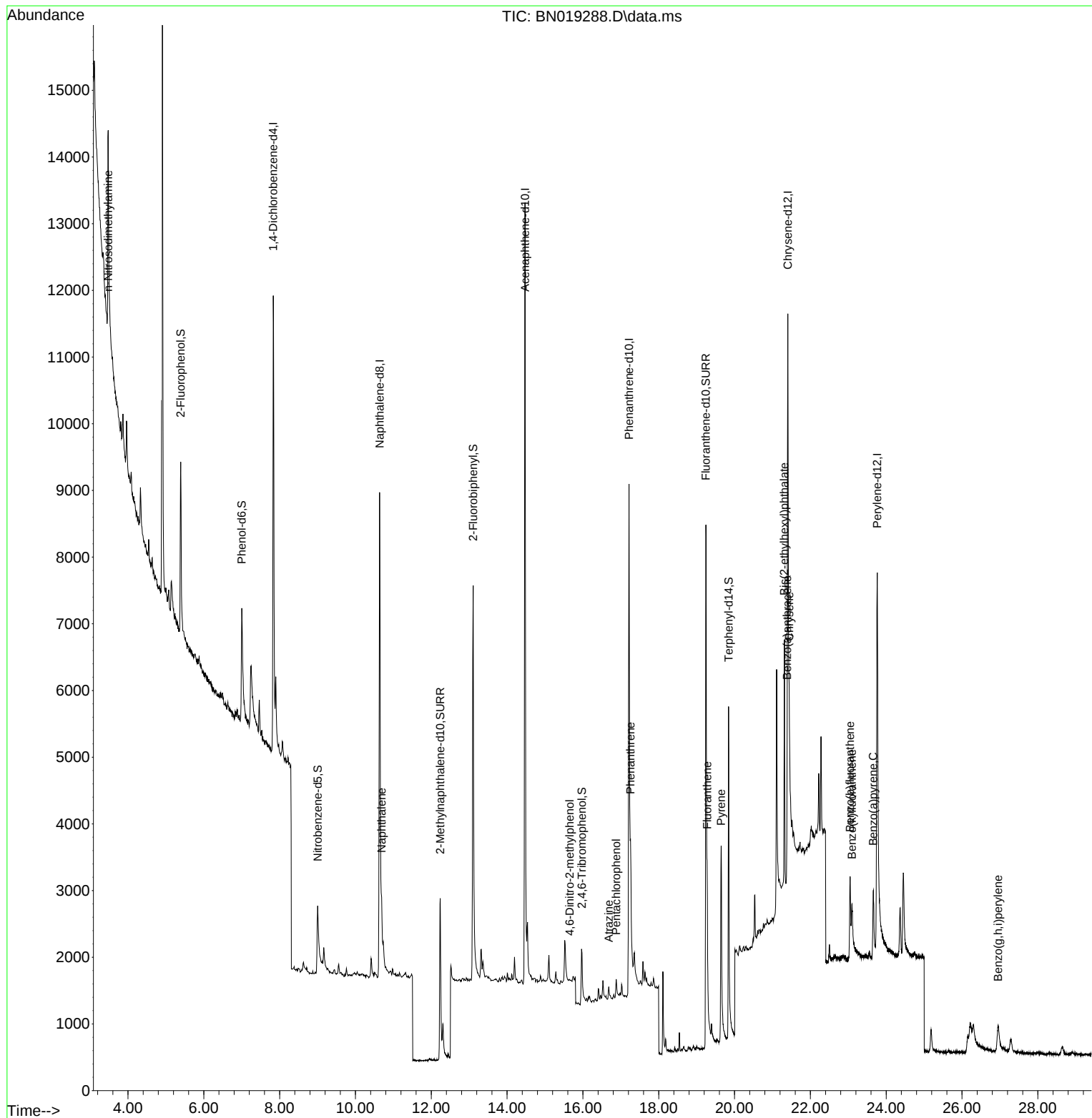
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4303	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12130	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7692	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15101	0.400	ng	0.00
29) Chrysene-d12	21.404	240	12867	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	11663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	2534	0.269	ng	0.00
5) Phenol-d6	7.002	99	2303	0.231	ng	0.00
8) Nitrobenzene-d5	9.003	82	1712	0.197	ng	0.01
11) 2-Methylnaphthalene-d10	12.234	152	4665	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	735	0.204	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	6868	0.222	ng	0.00
27) Fluoranthene-d10	19.244	212	11892	0.262	ng	0.00
31) Terphenyl-d14	19.843	244	7342	0.257	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.478	42	1320	0.221	ng	# 1
9) Naphthalene	10.690	128	1001	0.028	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.650	198	24	0.100	ng	# 1
23) Atrazine	16.682	200	164	0.025	ng	# 57
24) Pentachlorophenol	16.877	266	214	0.059	ng	93
25) Phenanthrene	17.256	178	1905	0.040	ng	99
28) Fluoranthene	19.278	202	1939	0.034	ng	97
30) Pyrene	19.640	202	1957	0.031	ng	# 90
32) Benzo(a)anthracene	21.386	228	1274	0.032	ng	# 82
33) Chrysene	21.440	228	1301	0.025	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.315	149	3209	0.119	ng	# 97
37) Benzo(b)fluoranthene	23.048	252	1359	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.097	252	982	0.021	ng	# 1
39) Benzo(a)pyrene	23.659	252	1029	0.026	ng	# 1
41) Benzo(g,h,i)perylene	26.951	276	1216	0.025	ng	# 59

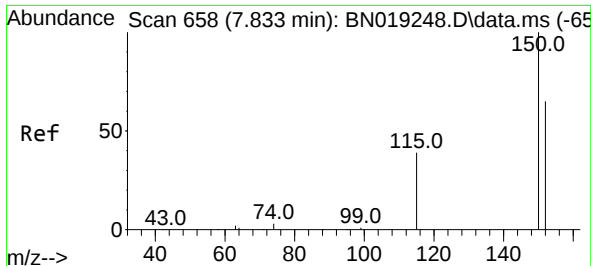
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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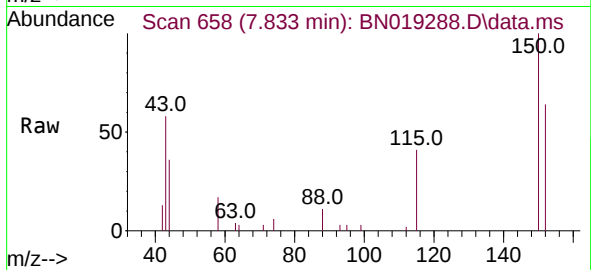
Quant Time: Apr 01 16:42:38 2022
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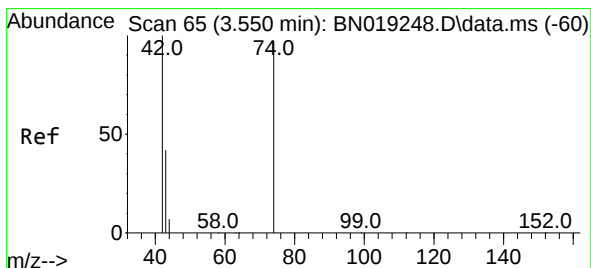
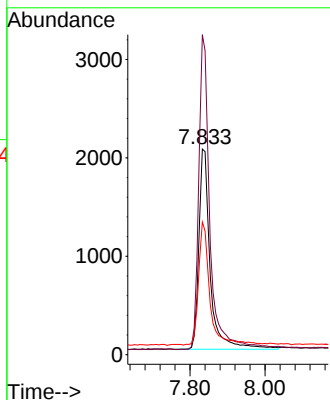
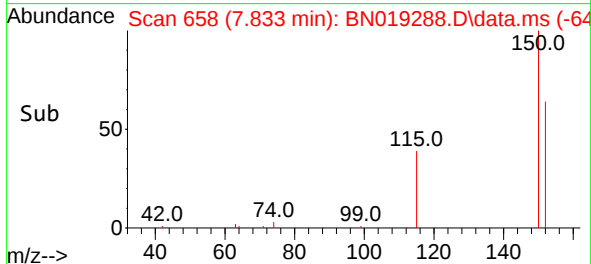


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Instrument :
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ClientSampleId :
A03140

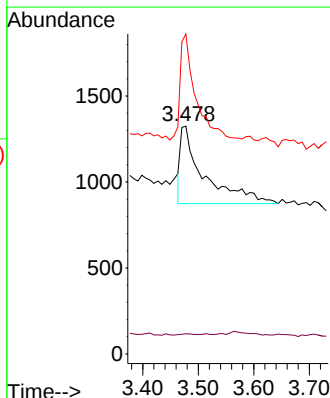
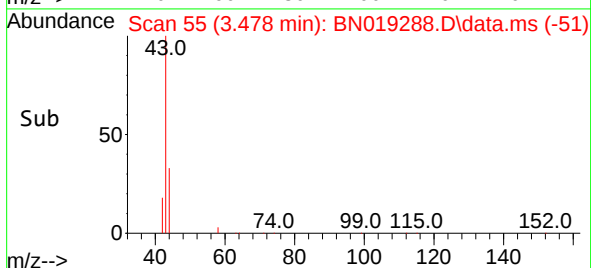
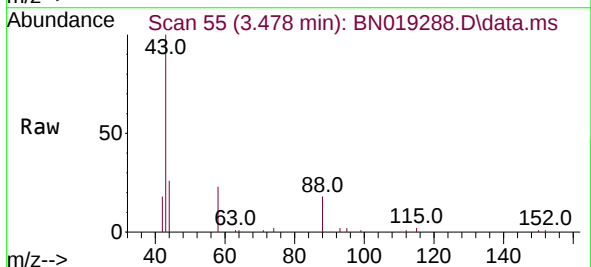


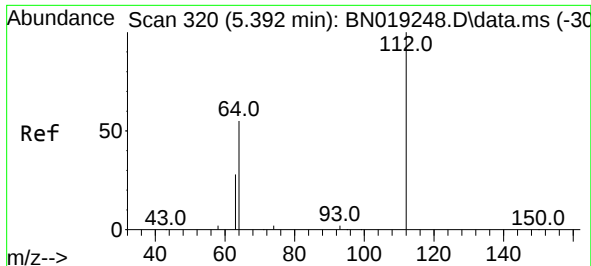
Tgt Ion:152 Resp: 4303
Ion Ratio Lower Upper
152 100
150 155.7 123.9 185.9
115 64.5 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.221 ng
RT: 3.478 min Scan# 55
Delta R.T. -0.072 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion: 42 Resp: 1320
Ion Ratio Lower Upper
42 100
74 0.4 96.9 145.3#
44 85.8 7.3 10.9#

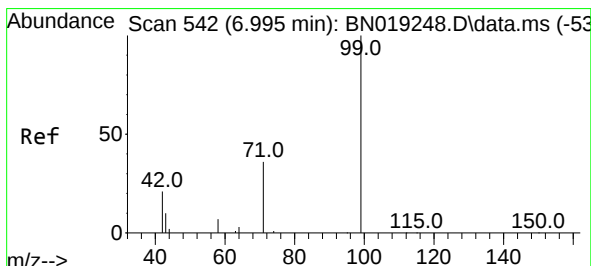
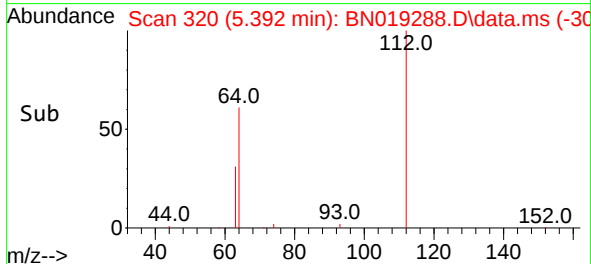
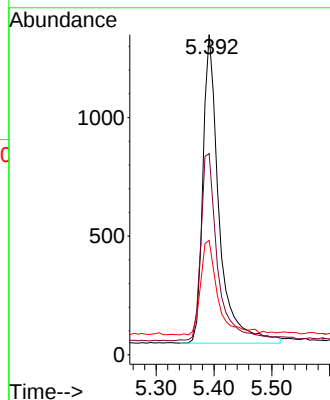
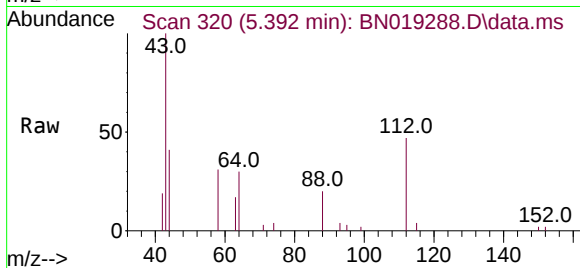




#4
2-Fluorophenol
Concen: 0.269 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

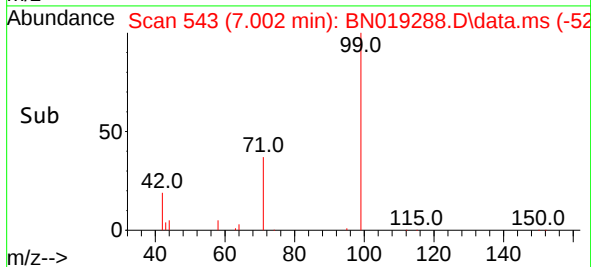
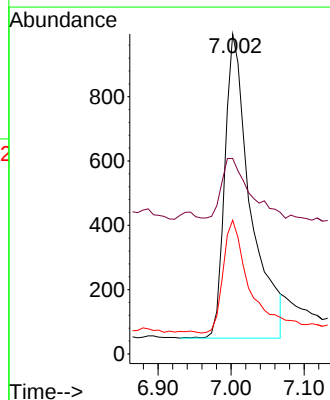
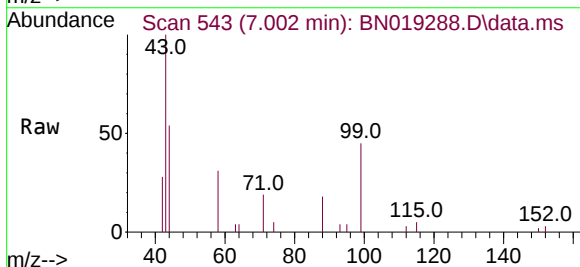
Instrument :
BNA_N
ClientSampleId :
A03140

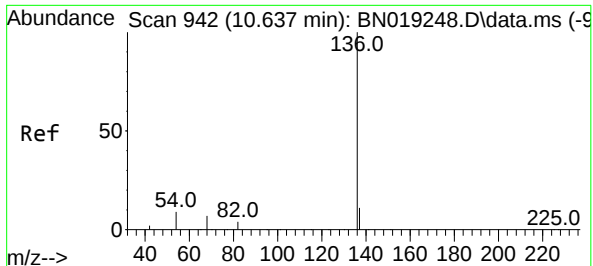
Tgt Ion:112 Resp: 2534
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 33.1 25.7 38.5



#5
Phenol-d6
Concen: 0.231 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion: 99 Resp: 2303
Ion Ratio Lower Upper
99 100
42 20.7 16.2 24.4
71 37.1 27.7 41.5

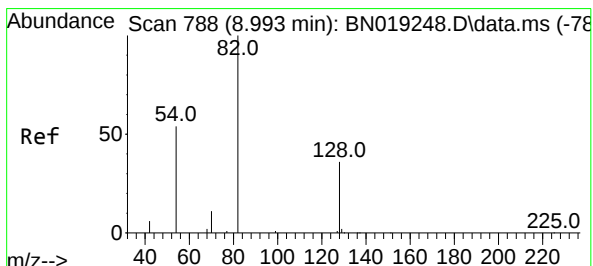
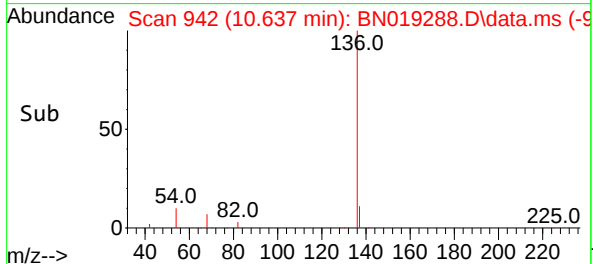
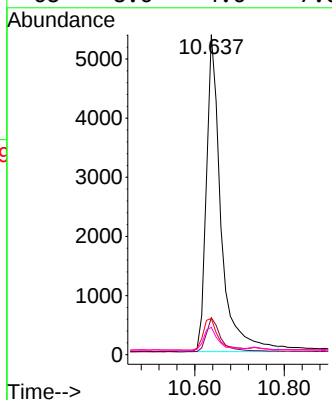
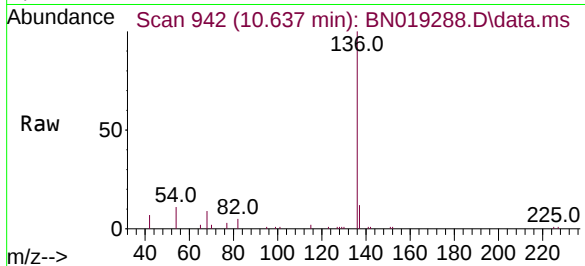




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

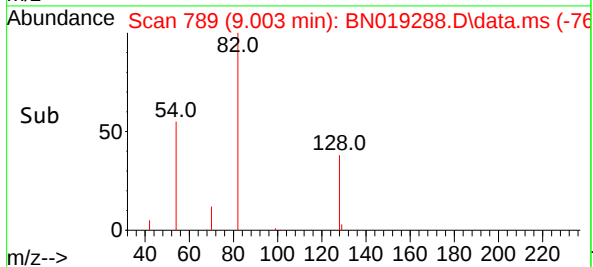
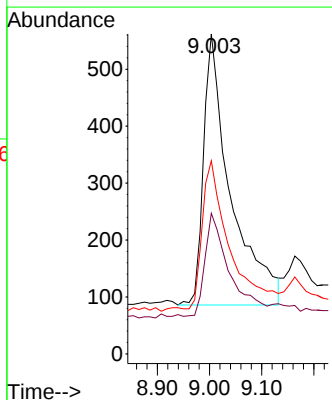
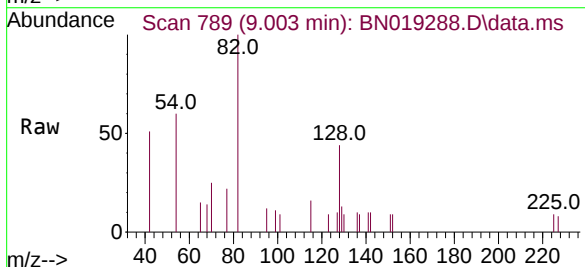
Instrument :
BNA_N
ClientSampleId :
A03140

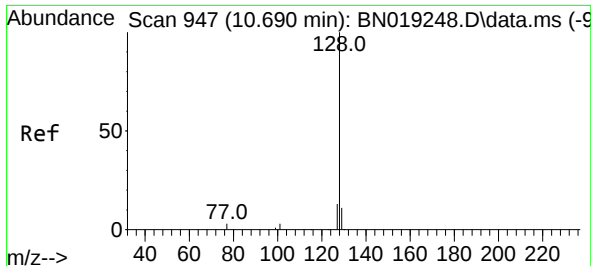
Tgt Ion:	136	Resp:	12130
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	11.3	5.8	8.6#
68	8.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:	82	Resp:	1712
Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.0	49.6
54	60.3	42.5	63.7

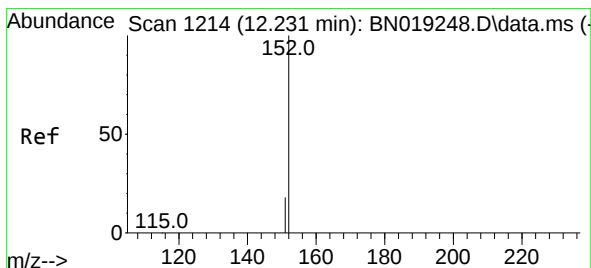
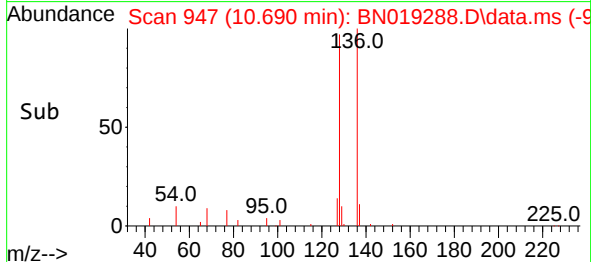
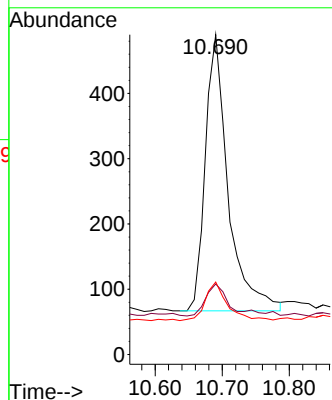
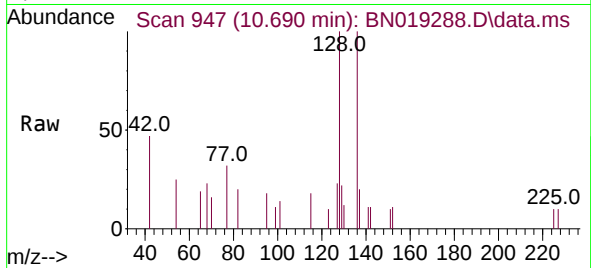




#9
Naphthalene
Concen: 0.028 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

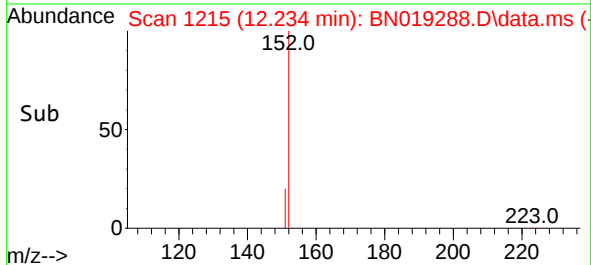
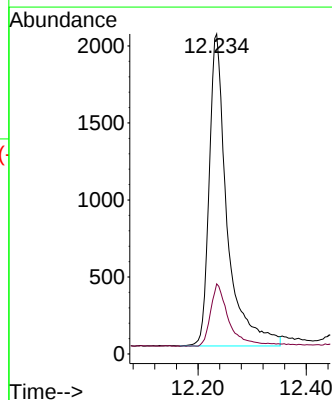
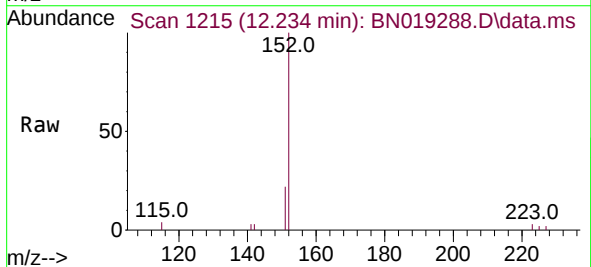
Instrument :
BNA_N
ClientSampleId :
A03140

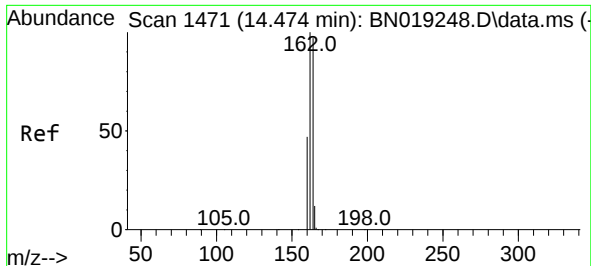
Tgt Ion:128 Resp: 1001
Ion Ratio Lower Upper
128 100
129 22.0 9.0 13.4#
127 22.7 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.234 min Scan# 1215
Delta R.T. 0.004 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:152 Resp: 4665
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7

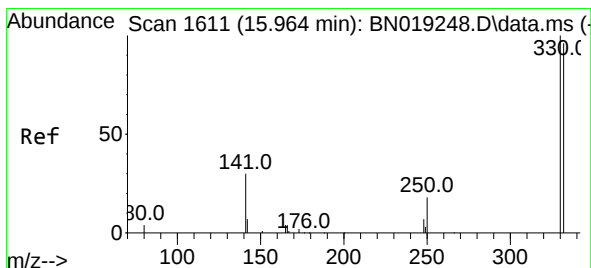
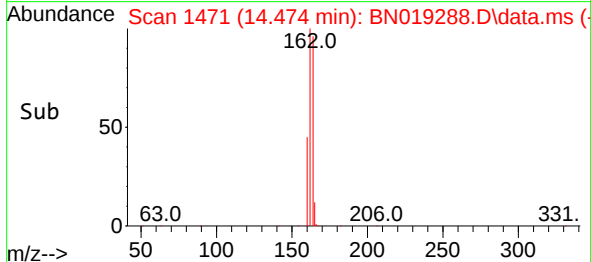
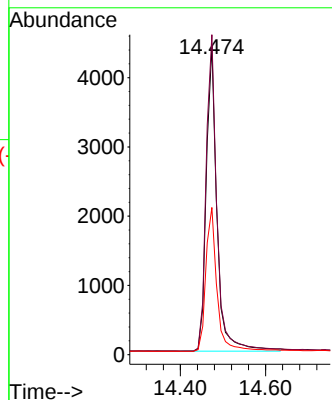
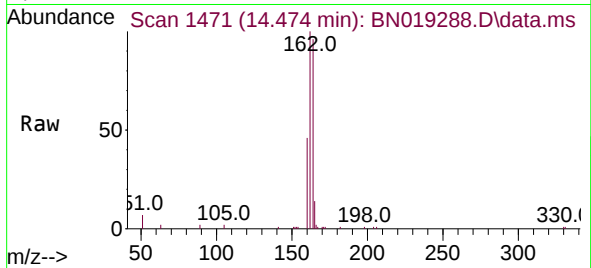




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

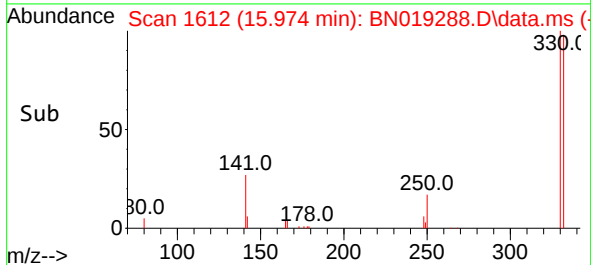
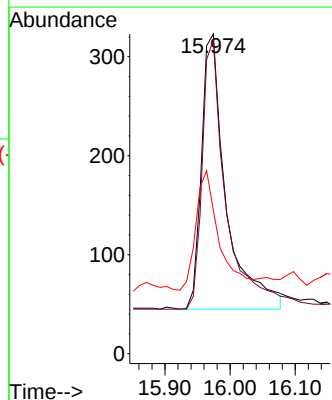
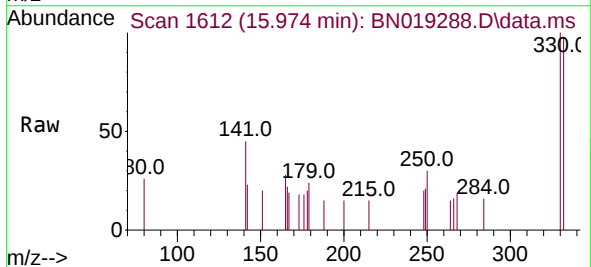
Instrument :
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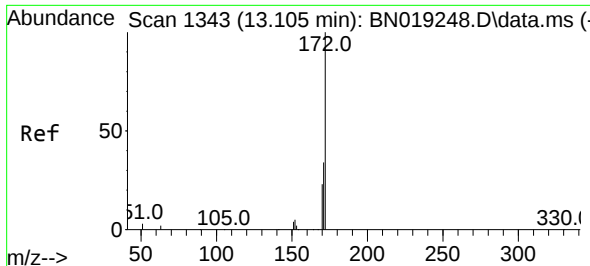
Tgt Ion:164 Resp: 7692
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 47.8 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.010 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:330 Resp: 735
Ion Ratio Lower Upper
330 100
332 93.7 76.8 115.2
141 41.1 32.2 48.2

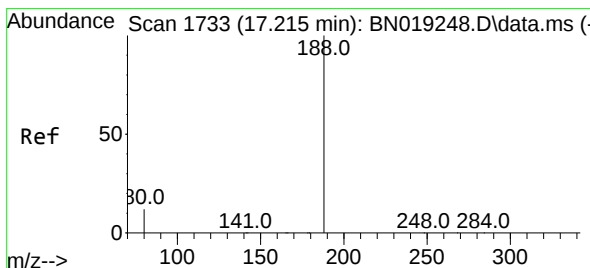
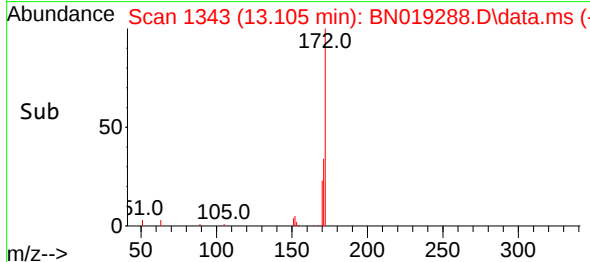
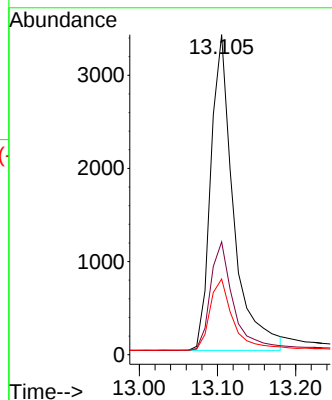
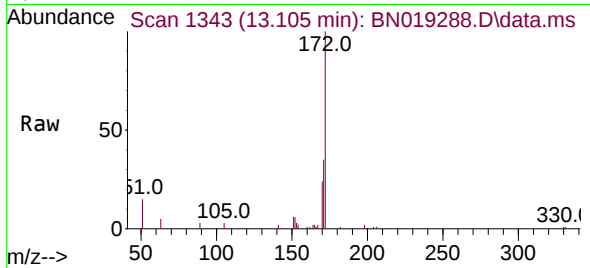




#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

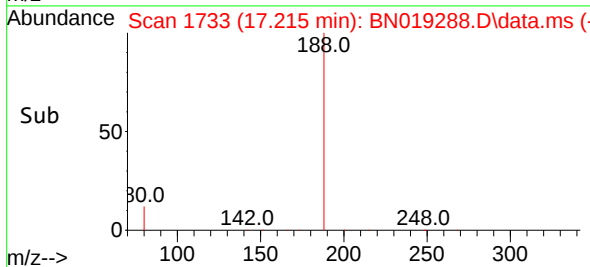
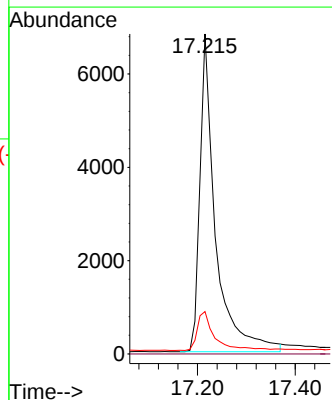
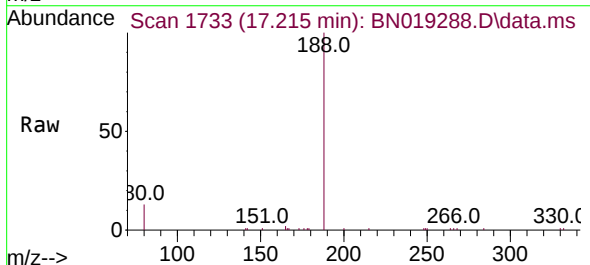
Instrument :
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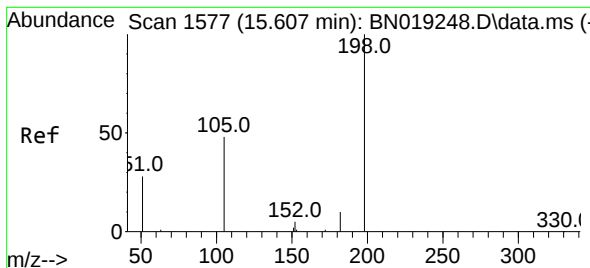
Tgt Ion:172 Resp: 6868
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:188 Resp: 15101
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 11.8 17.8

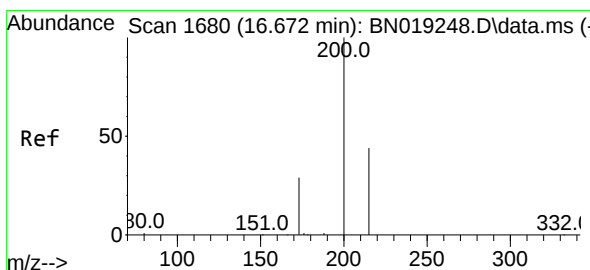
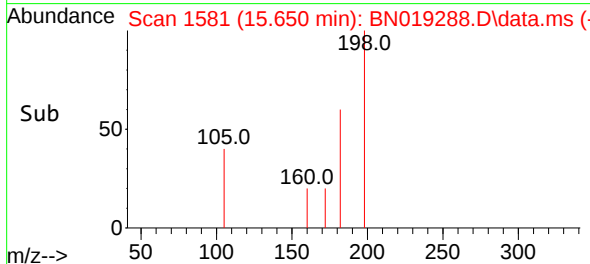
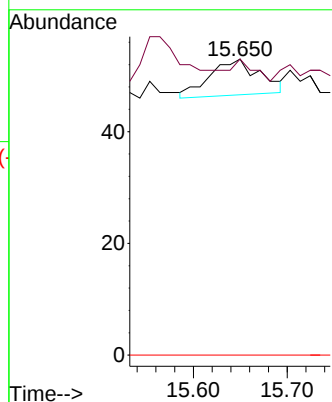
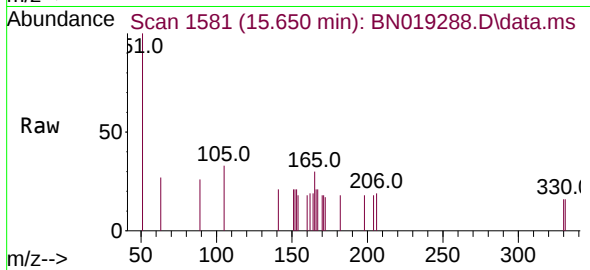




#20
4,6-Dinitro-2-methylphenol
Concen: 0.100 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.043 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

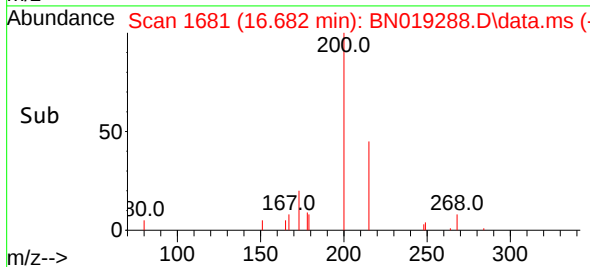
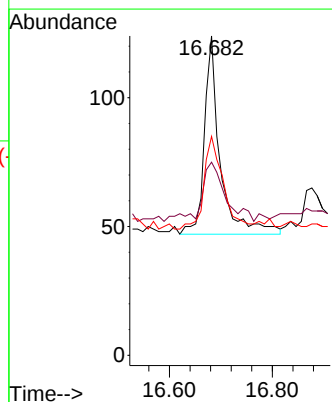
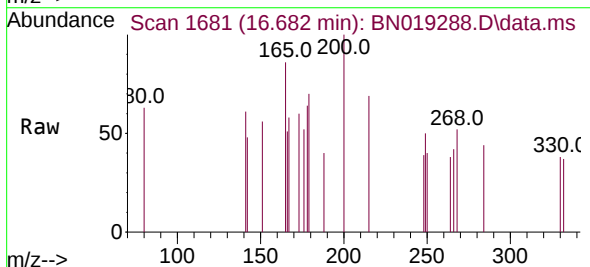
Instrument :
BNA_N
ClientSampleId :
A03140

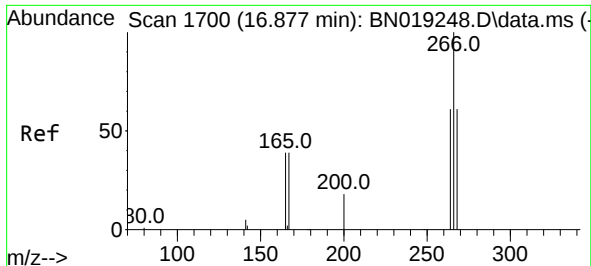
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 100.0 13.0 19.4#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.025 ng
RT: 16.682 min Scan# 1681
Delta R.T. 0.010 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:200 Resp: 164
Ion Ratio Lower Upper
200 100
173 60.5 23.9 35.9#
215 68.5 36.6 54.8#

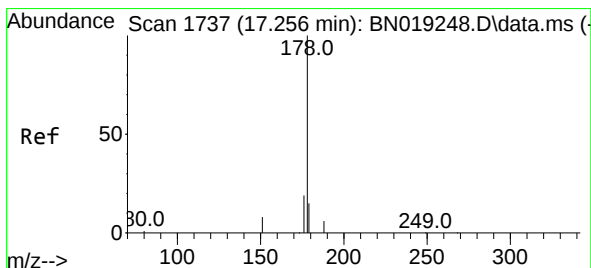
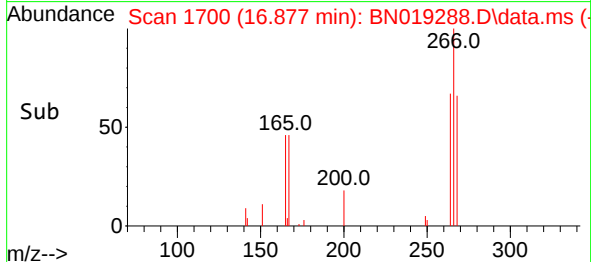
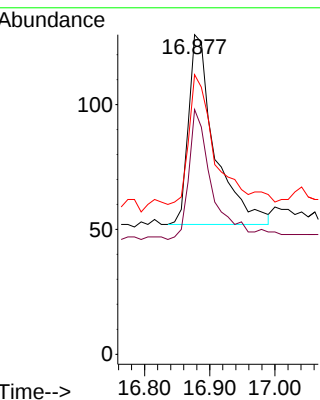
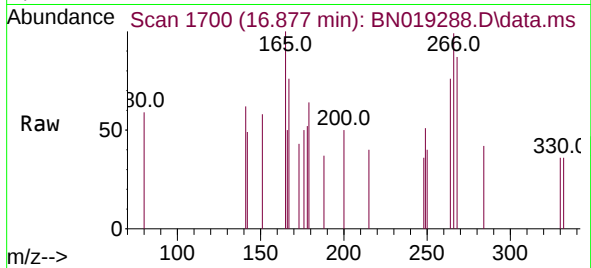




#24
 Pentachlorophenol
 Concen: 0.059 ng
 RT: 16.877 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BN019288.D
 Acq: 01 Apr 2022 15:31

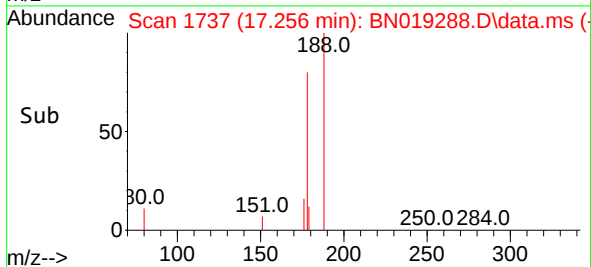
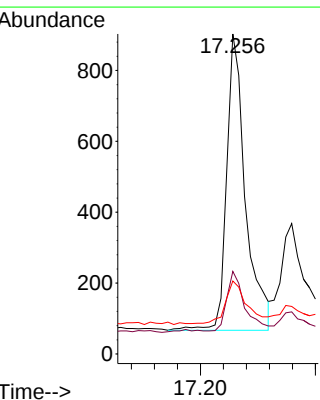
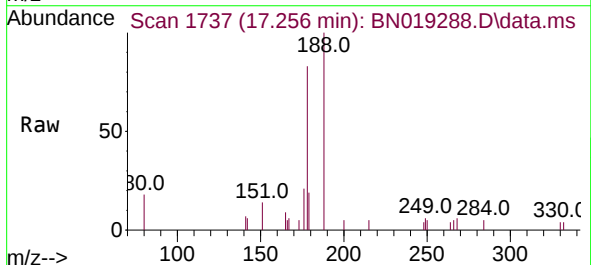
Instrument :
 BNA_N
 ClientSampleId :
 A03140

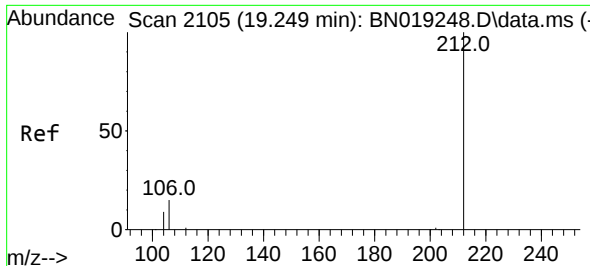
Tgt Ion:	266	Resp:	214
Ion	Ratio	Lower	Upper
266	100		
264	59.3	50.2	75.4
268	72.9	51.9	77.9



#25
 Phenanthrene
 Concen: 0.040 ng
 RT: 17.256 min Scan# 1737
 Delta R.T. -0.000 min
 Lab File: BN019288.D
 Acq: 01 Apr 2022 15:31

Tgt Ion:	178	Resp:	1905
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.1	12.2	18.2

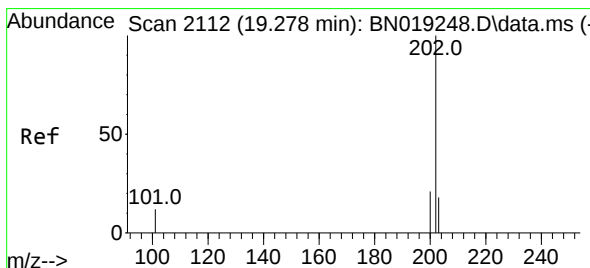
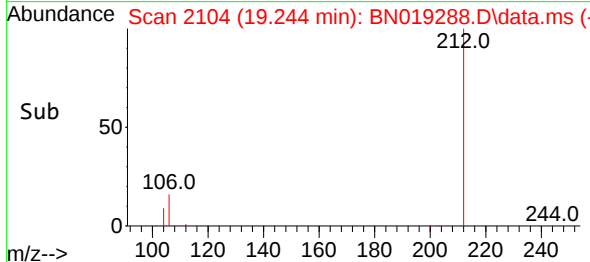
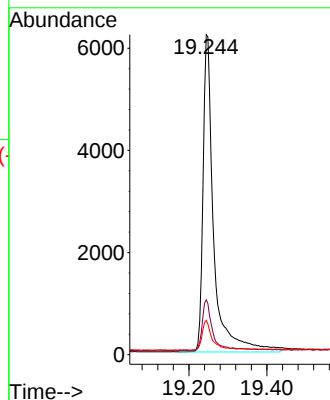
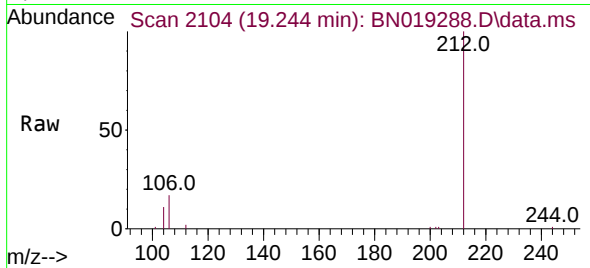




#27
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.244 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

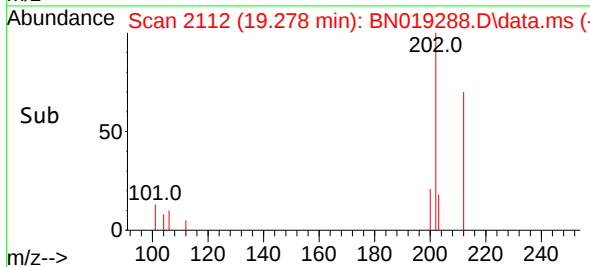
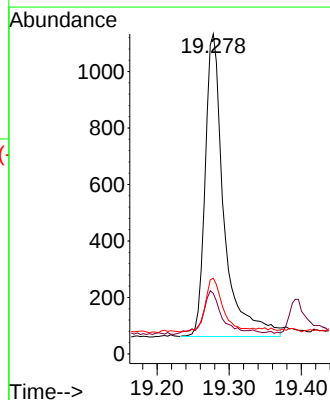
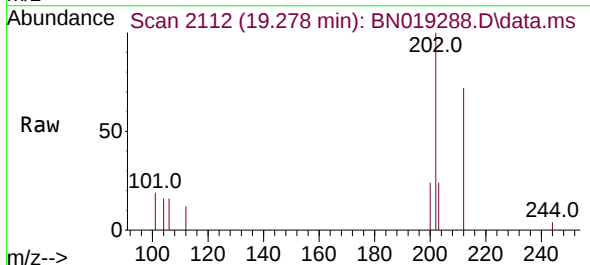
Instrument :
BNA_N
ClientSampleId :
A03140

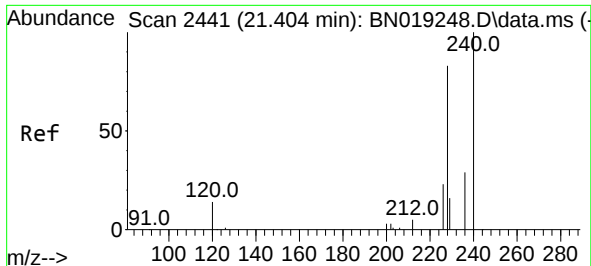
Tgt Ion:212 Resp: 11892
Ion Ratio Lower Upper
212 100
106 14.6 12.7 19.1
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:202 Resp: 1939
Ion Ratio Lower Upper
202 100
101 14.4 9.8 14.6
203 16.7 13.7 20.5

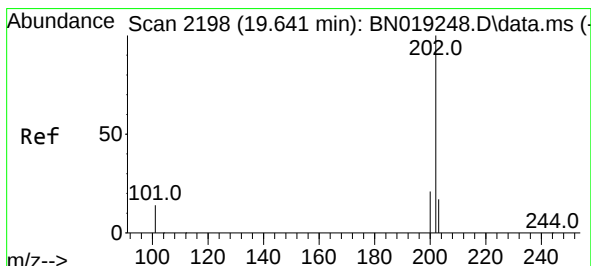
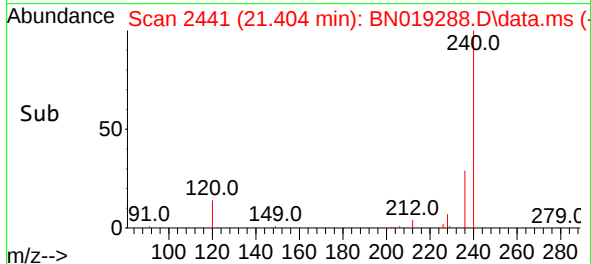
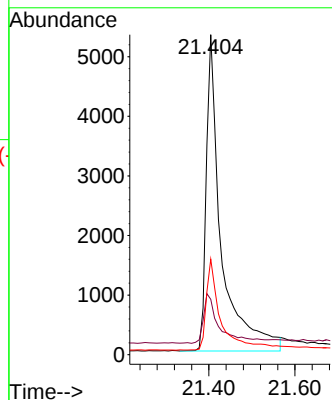
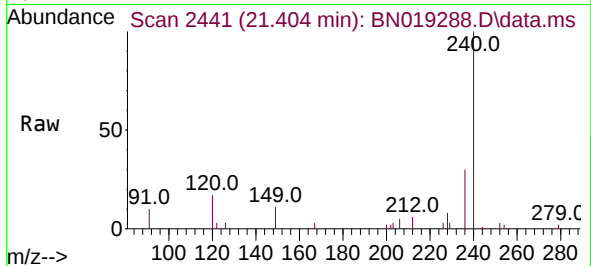




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

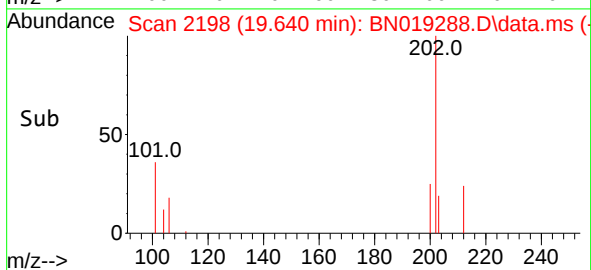
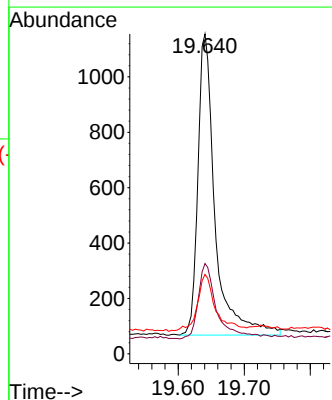
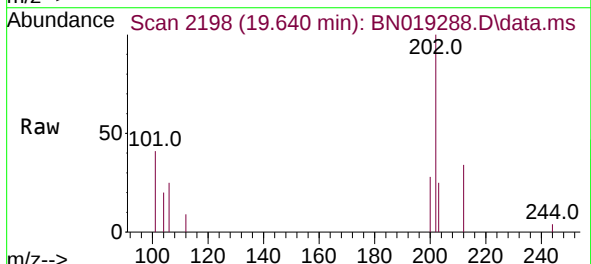
Instrument :
BNA_N
ClientSampleId :
A03140

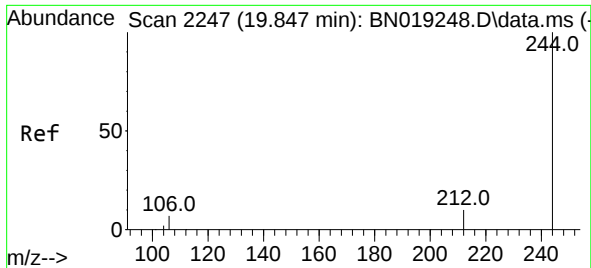
Tgt Ion:240 Resp: 12867
Ion Ratio Lower Upper
240 100
120 17.3 8.5 12.7#
236 29.8 22.4 33.6



#30
Pyrene
Concen: 0.031 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

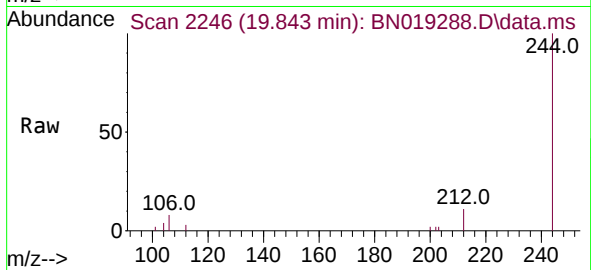
Tgt Ion:202 Resp: 1957
Ion Ratio Lower Upper
202 100
200 27.3 16.9 25.3#
203 20.4 14.2 21.2



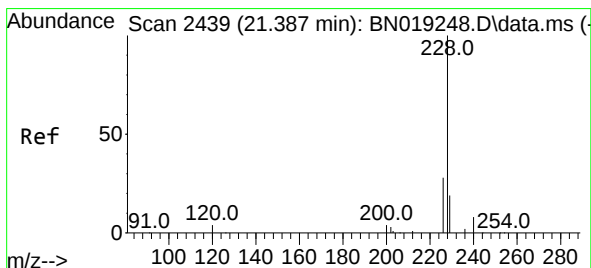
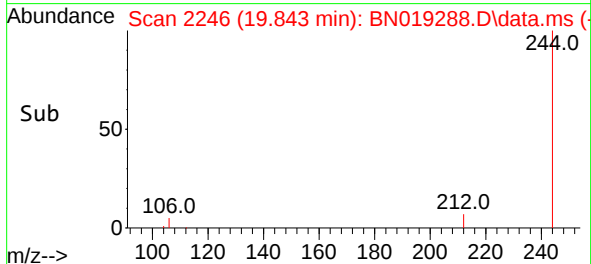
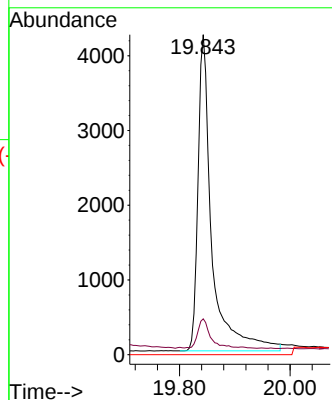


#31
 Terphenyl-d14
 Concen: 0.257 ng
 RT: 19.843 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019288.D
 Acq: 01 Apr 2022 15:31

Instrument :
 BNA_N
 ClientSampleId :
 A03140

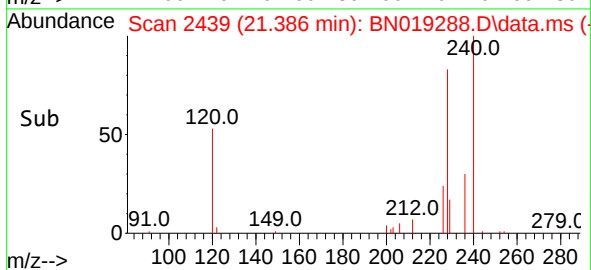
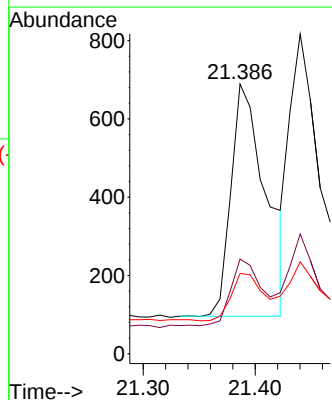
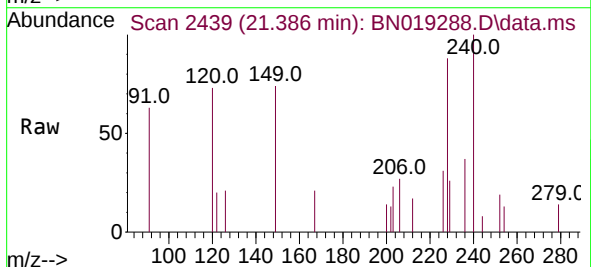


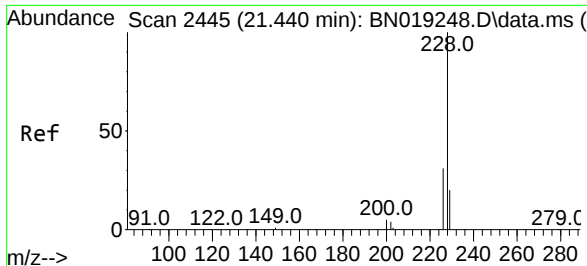
Tgt Ion:244 Resp: 7342
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.2 12.4
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.032 ng
 RT: 21.386 min Scan# 2439
 Delta R.T. -0.000 min
 Lab File: BN019288.D
 Acq: 01 Apr 2022 15:31

Tgt Ion:228 Resp: 1274
 Ion Ratio Lower Upper
 228 100
 226 35.1 21.9 32.9#
 229 29.8 16.0 24.0#





#33

Chrysene

Concen: 0.025 ng

RT: 21.440 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BN019288.D

Acq: 01 Apr 2022 15:31

Instrument :

BNA_N

ClientSampleId :

A03140

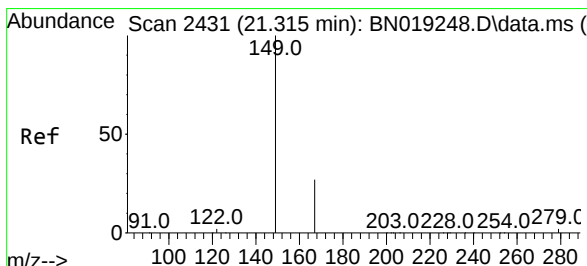
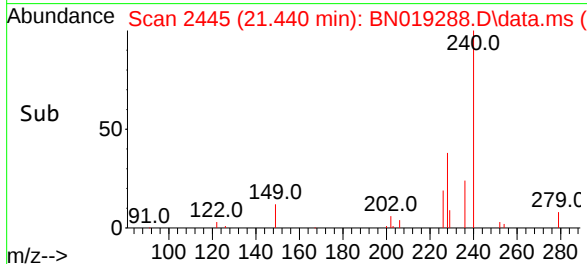
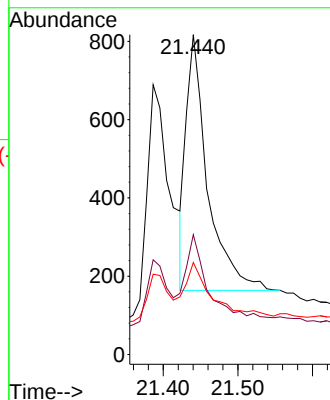
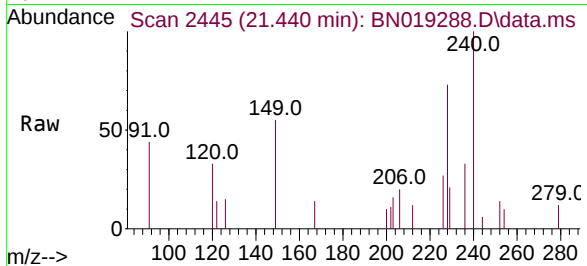
Tgt Ion:228 Resp: 1301

Ion Ratio Lower Upper

228 100

226 37.5 24.0 36.0#

229 28.8 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.119 ng

RT: 21.315 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BN019288.D

Acq: 01 Apr 2022 15:31

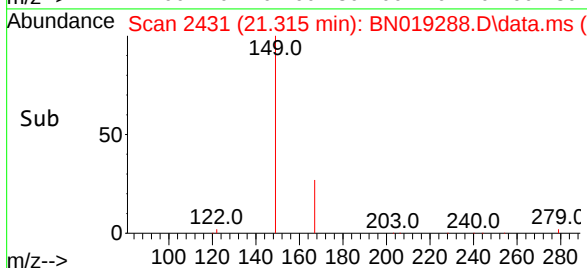
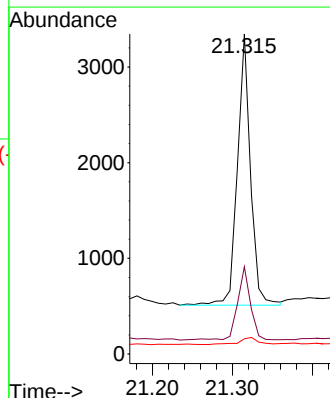
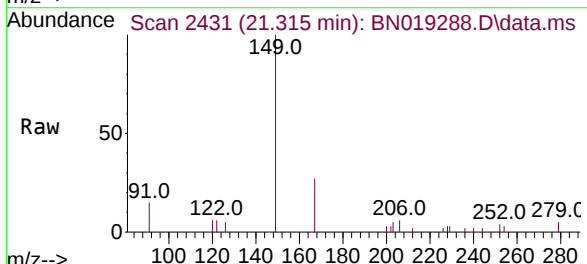
Tgt Ion:149 Resp: 3209

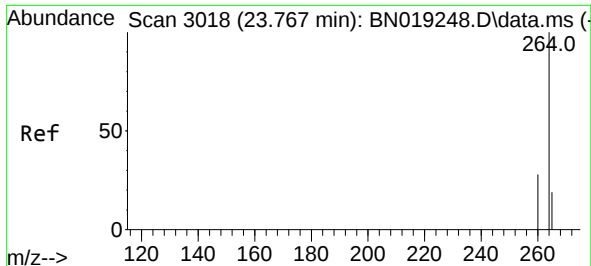
Ion Ratio Lower Upper

149 100

167 25.6 21.8 32.8

279 3.6 2.0 3.0#

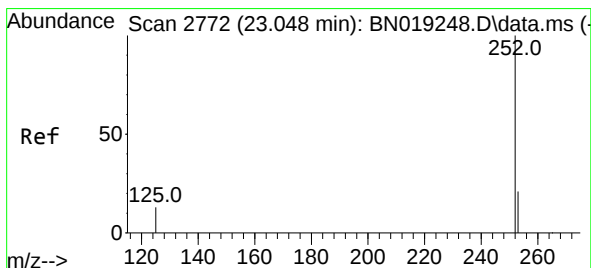
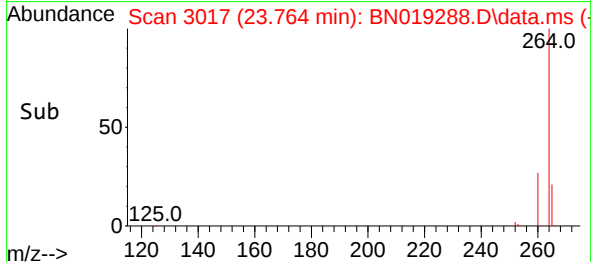
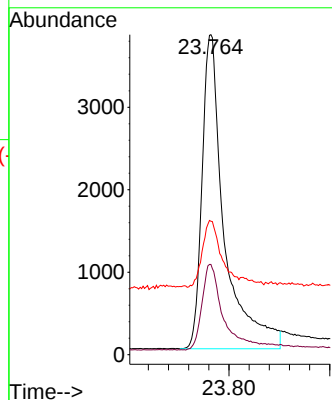
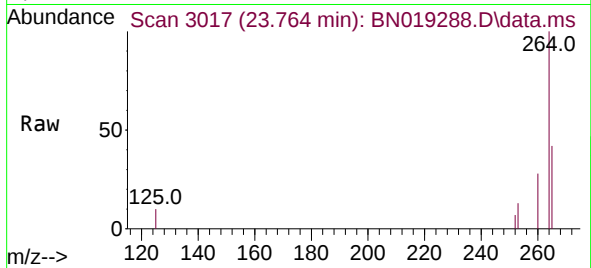




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.764 min Scan# 3018
 Delta R.T. -0.003 min
 Lab File: BN019288.D
 Acq: 01 Apr 2022 15:31

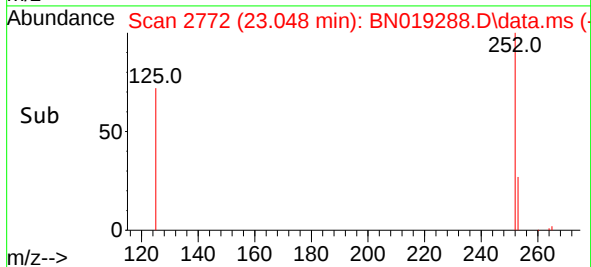
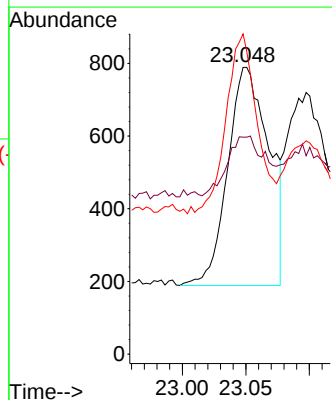
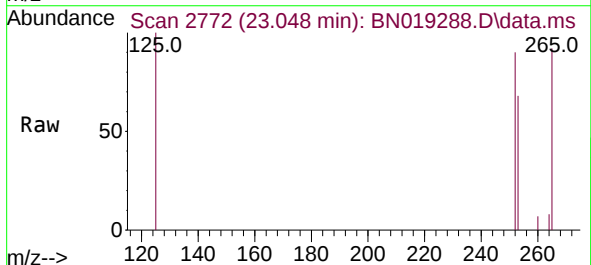
Instrument :
 BNA_N
 ClientSampleId :
 A03140

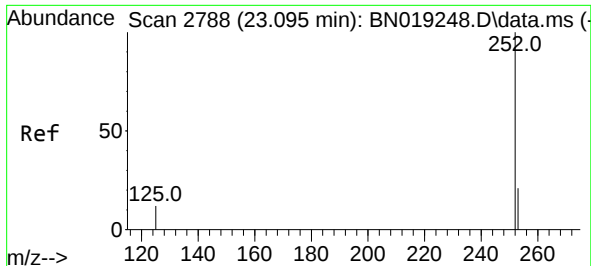
Tgt Ion:264 Resp: 11663
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 41.7 25.3 37.9#



#37
 Benzo(b)fluoranthene
 Concen: 0.031 ng
 RT: 23.048 min Scan# 2772
 Delta R.T. -0.000 min
 Lab File: BN019288.D
 Acq: 01 Apr 2022 15:31

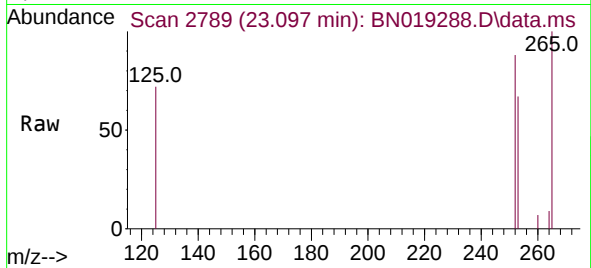
Tgt Ion:252 Resp: 1359
 Ion Ratio Lower Upper
 252 100
 253 75.7 18.9 28.3#
 125 111.7 12.1 18.1#



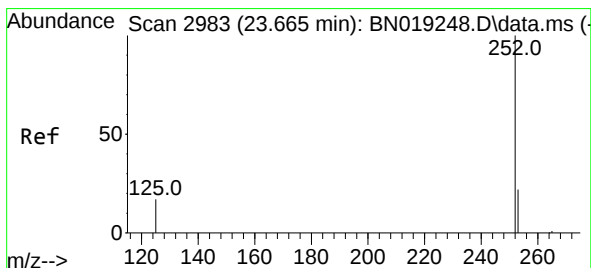
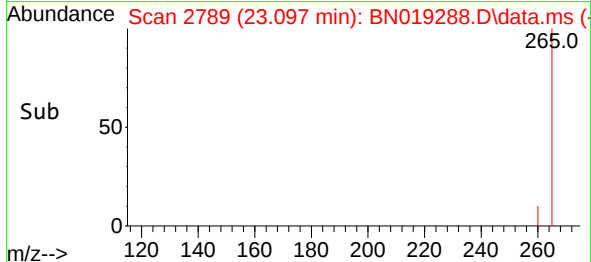
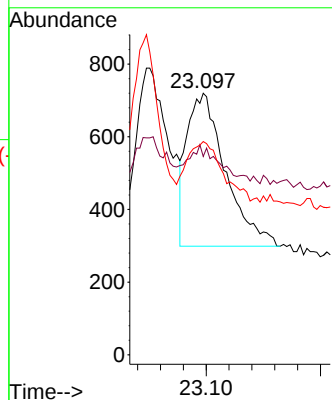


#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Instrument :
BNA_N
ClientSampleId :
A03140

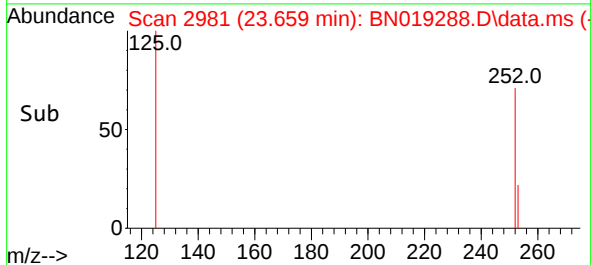
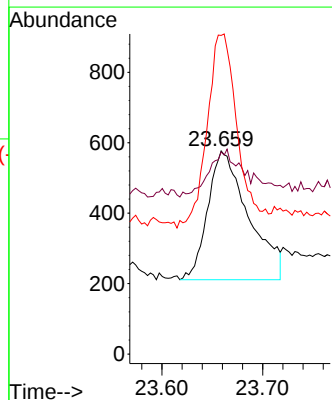
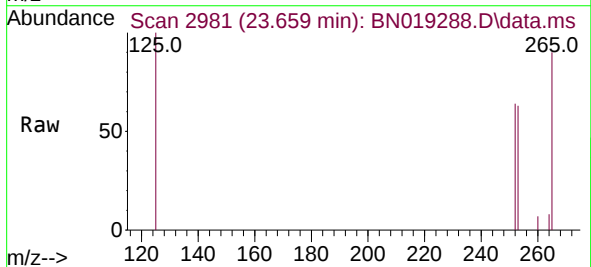


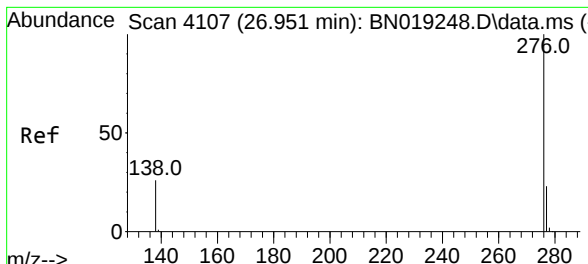
Tgt Ion:252 Resp: 982
Ion Ratio Lower Upper
252 100
253 75.8 18.9 28.3#
125 81.5 10.3 15.5#



#39
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.659 min Scan# 2981
Delta R.T. -0.006 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:252 Resp: 1029
Ion Ratio Lower Upper
252 100
253 99.5 20.1 30.1#
125 156.8 15.2 22.8#





#41

Benzo(g,h,i)perylene

Concen: 0.025 ng

RT: 26.951 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN019288.D

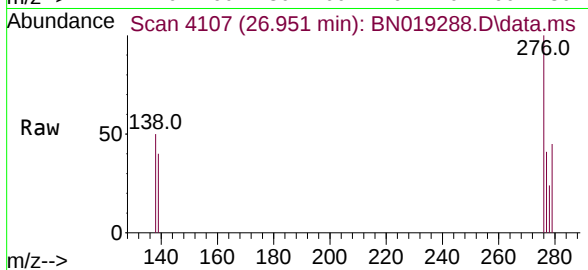
Acq: 01 Apr 2022 15:31

Instrument :

BNA_N

ClientSampleId :

A03140



Tgt Ion:276 Resp: 1216

Ion Ratio Lower Upper

276 100

277 41.3 19.4 29.0#

138 50.3 21.0 31.6#

