

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033022\
 Data File : BN019242.D
 Acq On : 30 Mar 2022 15:16
 Operator : CG/JU
 Sample : N1870-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Mar 30 15:49:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:57:13 2022
 Response via : Initial Calibration

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

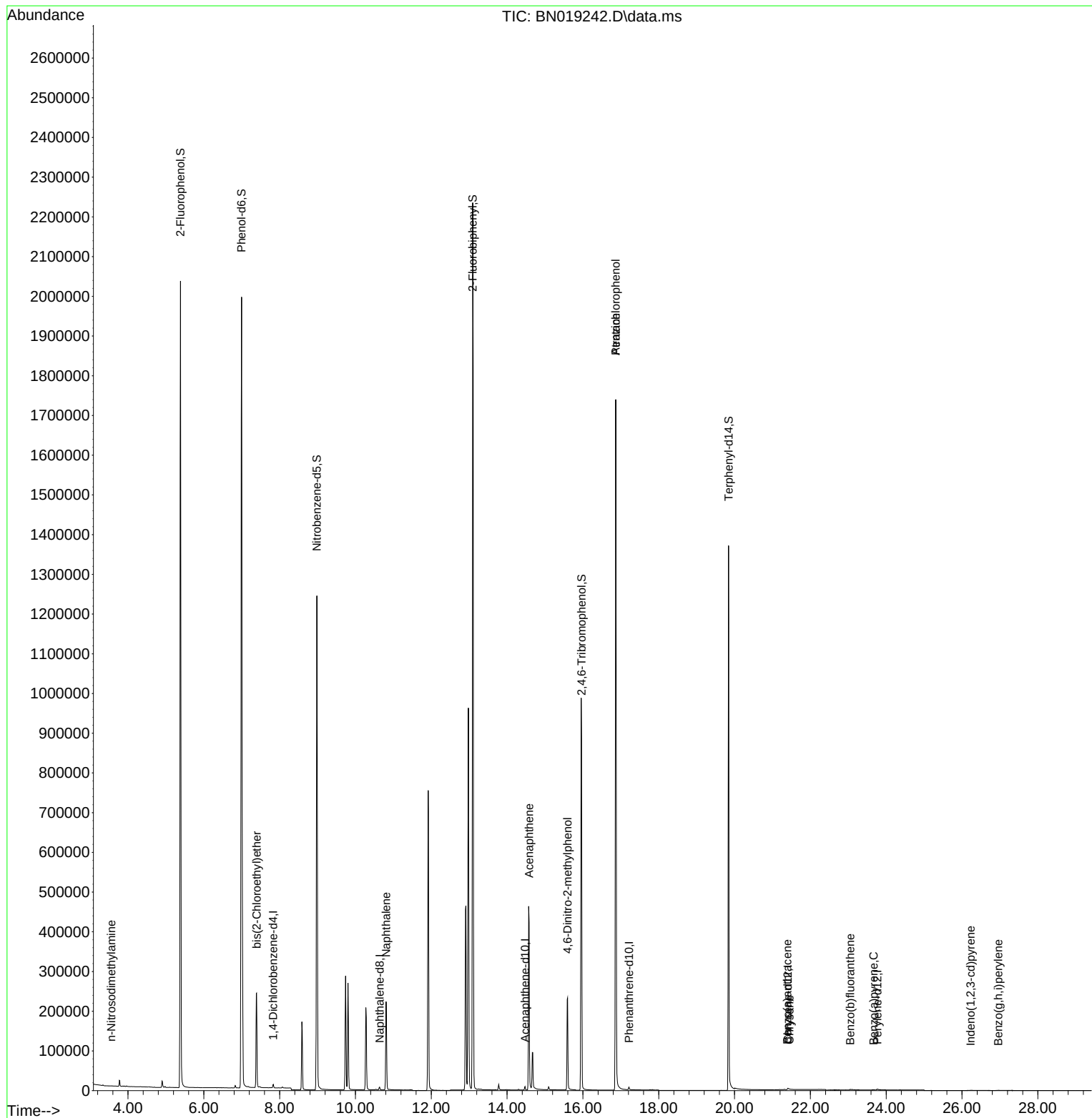
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3484	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	9281	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	4946	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	9646	0.400	ng	0.00
29) Chrysene-d12	21.405	240	6107	0.400	ng	# 0.00
35) Perylene-d12	23.767	264	4740	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1462244	173.652	ng	0.00
5) Phenol-d6	6.995	99	1833746	200.520	ng	0.00
8) Nitrobenzene-d5	8.982	82	946624	133.988	ng	-0.01
11) 2-Methylnaphthalene-d10	12.235	152	2	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	557821	225.892	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	1967765	93.009	ng	-0.01
27) Fluoranthene-d10	19.265	212	108	0.004	ng	0.02
31) Terphenyl-d14	19.843	244	1552485	113.395	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.557	42	197	0.040	ng	# 36
6) bis(2-Chloroethyl)ether	7.392	93	8923	0.904	ng	# 1
9) Naphthalene	10.808	128	83291	3.112	ng	# 78
17) Acenaphthene	14.581	154	298413	18.250	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.596	198	175642	91.868	ng	# 73
23) Atrazine	16.867	200	149235	34.368	ng	# 36
24) Pentachlorophenol	16.867	266	730395	249.502	ng	99
32) Benzo(a)anthracene	21.396	228	703	0.031	ng	# 72
33) Chrysene	21.449	228	1168	0.042	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.315	149	1034	Below Cal		# 95
36) Indeno(1,2,3-cd)pyrene	26.229	276	550	0.028	ng	# 62
37) Benzo(b)fluoranthene	23.054	252	2506	0.059	ng	# 53
39) Benzo(a)pyrene	23.671	252	831	0.044	ng	# 1
41) Benzo(g,h,i)perylene	26.954	276	521	0.024	ng	# 71

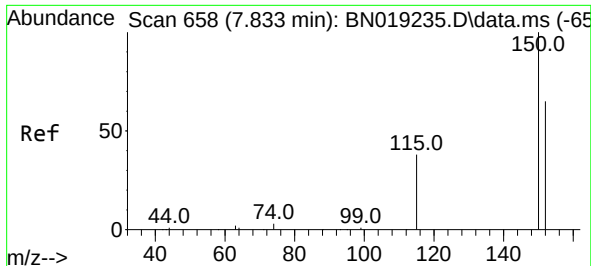
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033022\
Data File : BN019242.D
Acq On : 30 Mar 2022 15:16
Operator : CG/JU
Sample : N1870-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

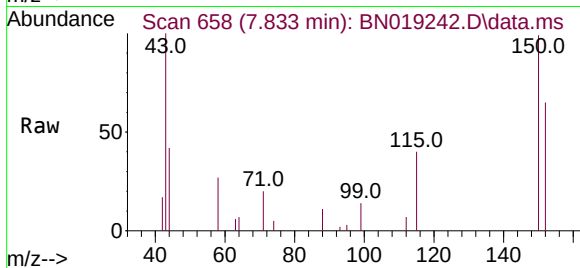
Quant Time: Mar 30 15:49:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:57:13 2022
Response via : Initial Calibration



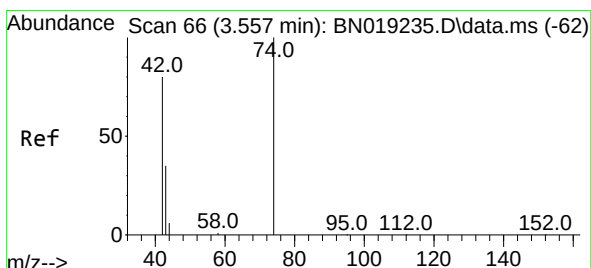
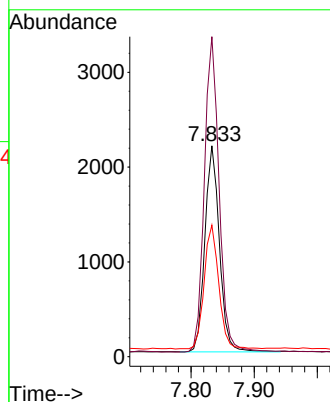
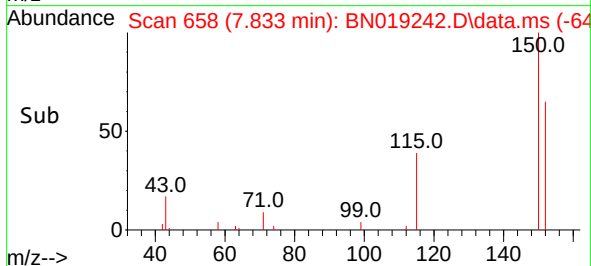


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

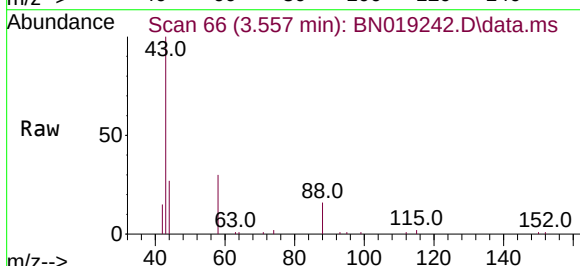
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP



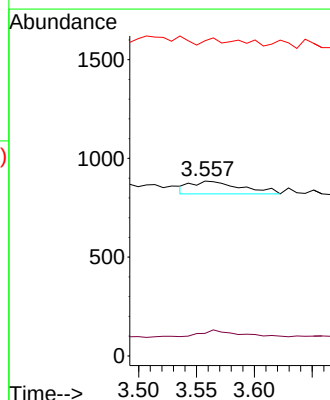
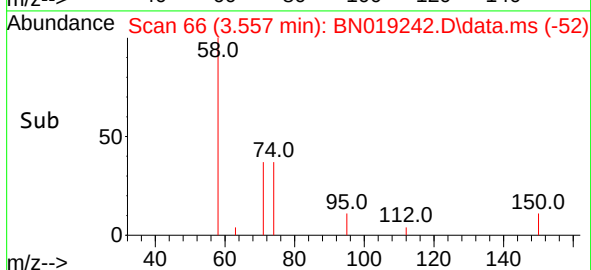
Tgt Ion:152 Resp: 3484
Ion Ratio Lower Upper
152 100
150 151.7 123.9 185.9
115 62.3 48.2 72.4

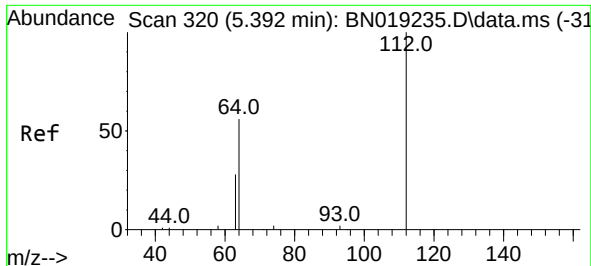


#3
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.557 min Scan# 66
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16



Tgt Ion: 42 Resp: 197
Ion Ratio Lower Upper
42 100
74 47.7 96.9 145.3#
44 23.9 7.3 10.9#

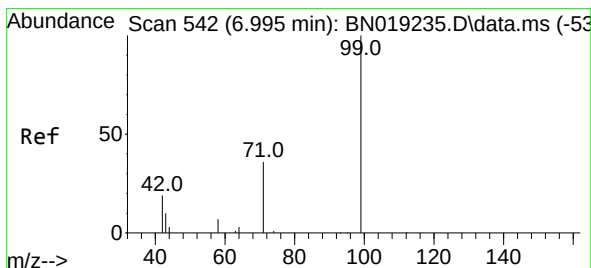
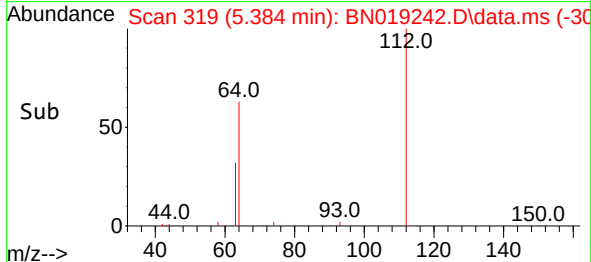
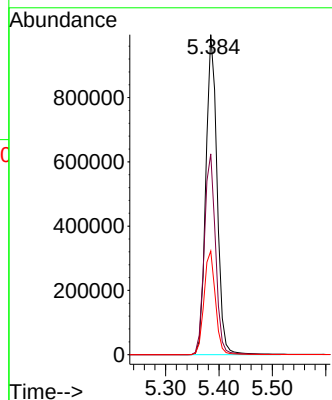
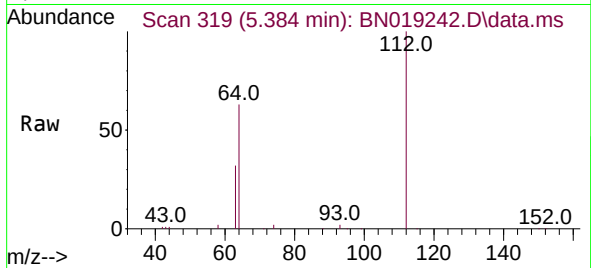




#4
2-Fluorophenol
Concen: 173.652 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

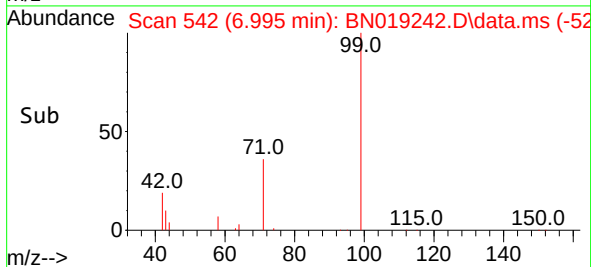
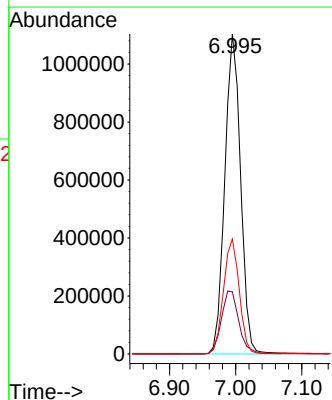
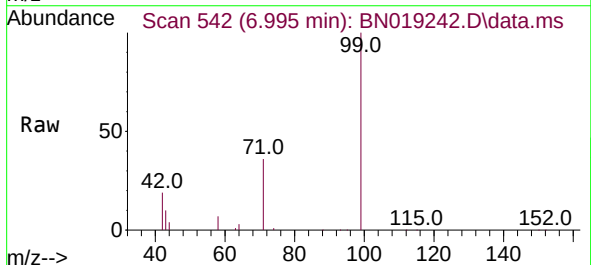
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

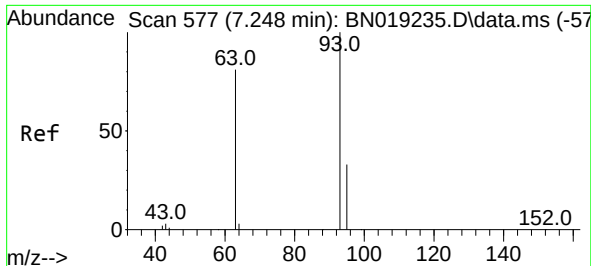
Tgt Ion:112 Resp: 1462244
Ion Ratio Lower Upper
112 100
64 63.1 47.8 71.8
63 32.9 25.7 38.5



#5
Phenol-d6
Concen: 200.520 ng
RT: 6.995 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion: 99 Resp: 1833746
Ion Ratio Lower Upper
99 100
42 21.7 16.2 24.4
71 36.0 27.7 41.5

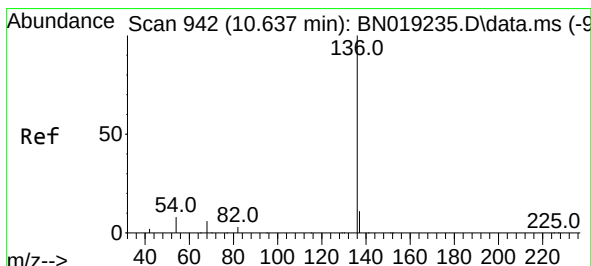
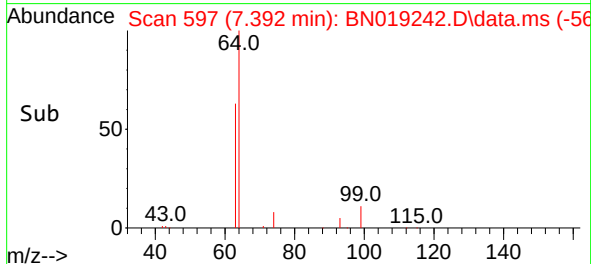
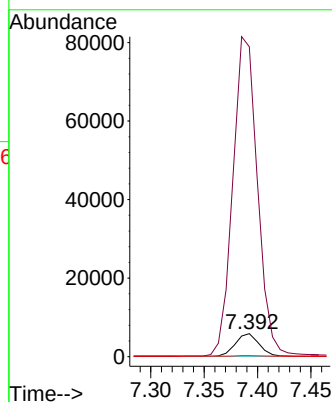
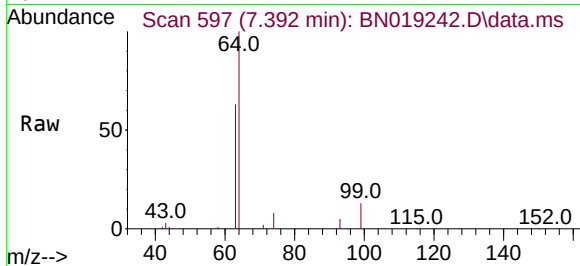




#6
bis(2-Chloroethyl)ether
Concen: 0.904 ng
RT: 7.392 min Scan# 51
Delta R.T. 0.145 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

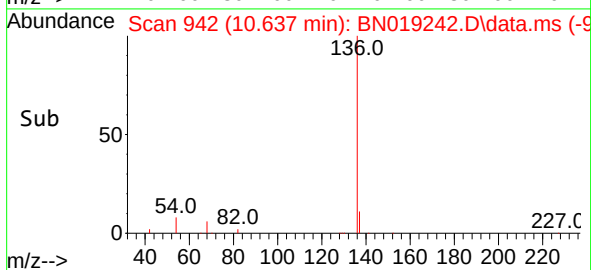
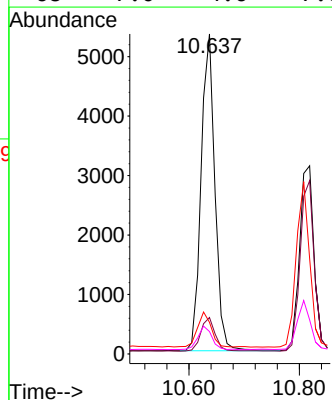
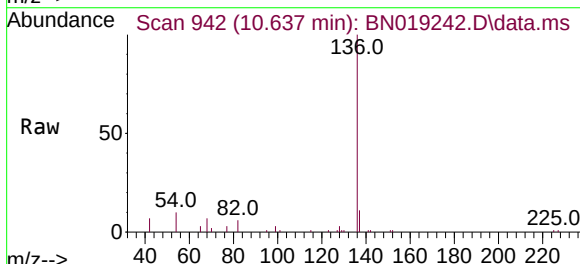
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

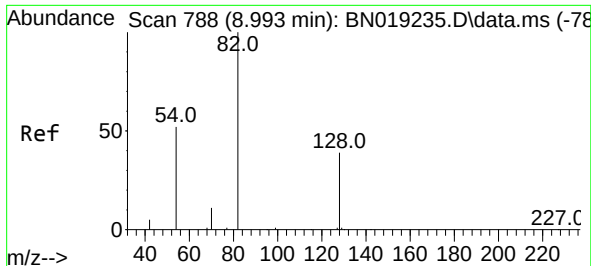
Tgt Ion: 93 Resp: 8923
Ion Ratio Lower Upper
93 100
63 1457.2 62.8 94.2#
95 2.9 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion: 136 Resp: 9281
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.9 5.8 8.6#
68 7.0 4.6 7.0#

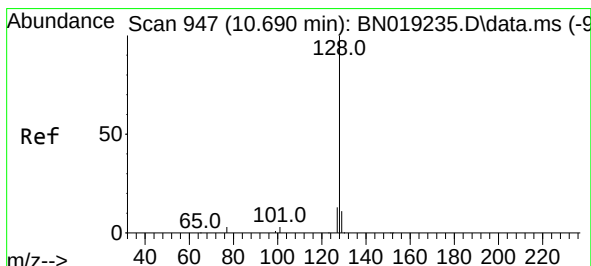
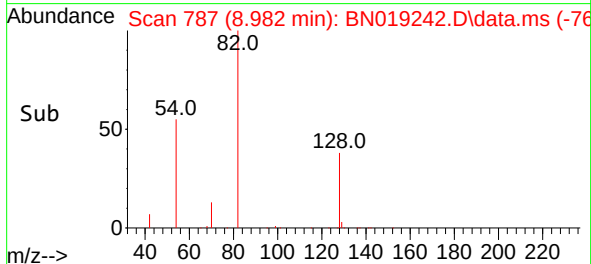
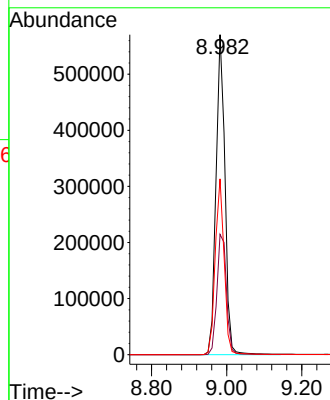
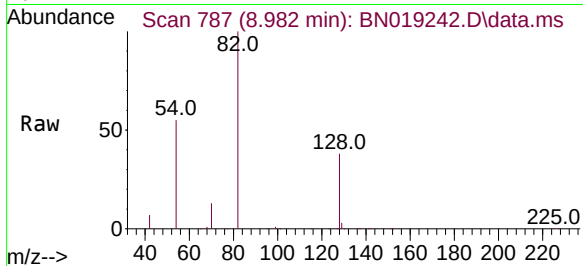




#8
Nitrobenzene-d5
Concen: 133.988 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

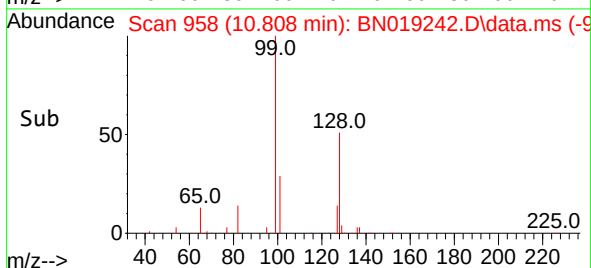
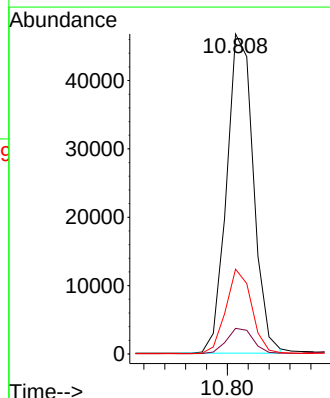
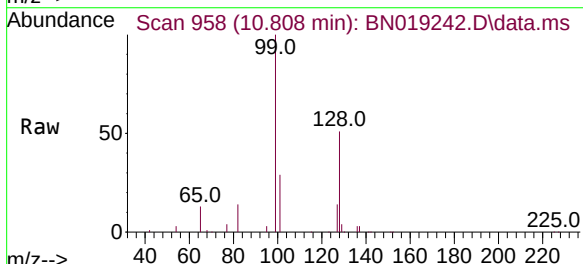
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

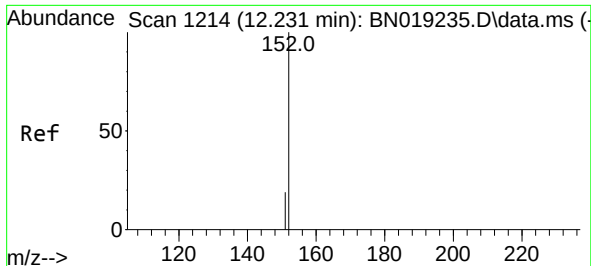
Tgt Ion: 82 Resp: 946624
Ion Ratio Lower Upper
82 100
128 37.6 33.0 49.6
54 55.0 42.5 63.7



#9
Naphthalene
Concen: 3.112 ng
RT: 10.808 min Scan# 958
Delta R.T. 0.118 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion: 128 Resp: 83291
Ion Ratio Lower Upper
128 100
129 8.0 9.0 13.4#
127 26.5 10.7 16.1#

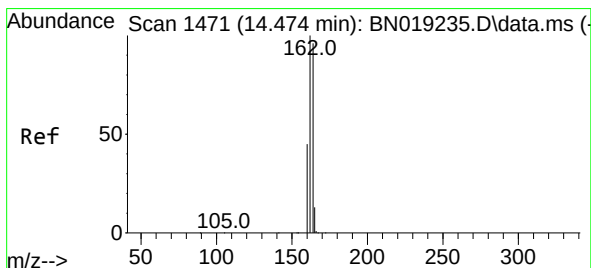
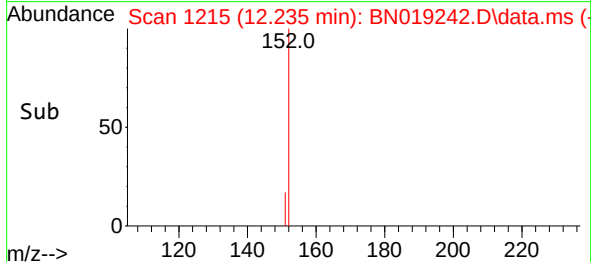
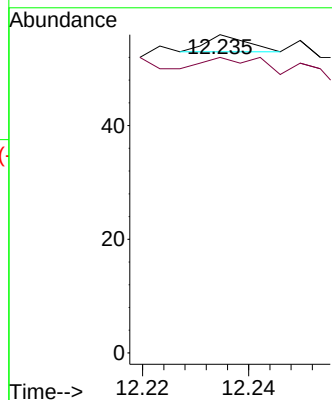
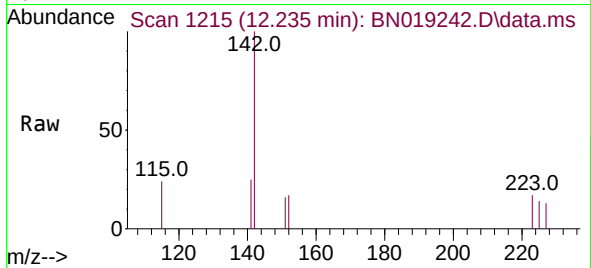




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.235 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

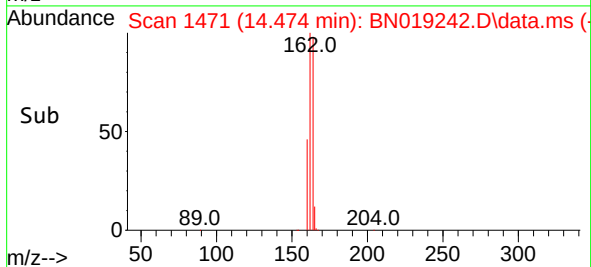
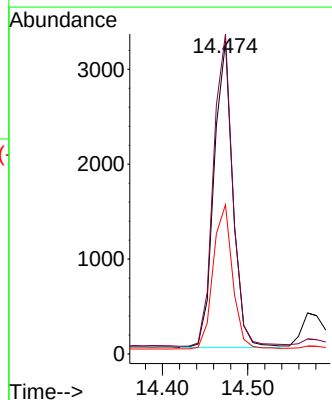
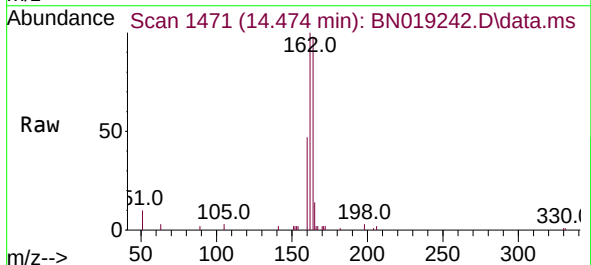
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

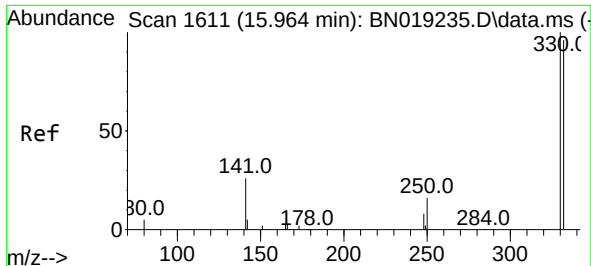
Tgt Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
151 150.0 16.5 24.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:164 Resp: 4946
Ion Ratio Lower Upper
164 100
162 102.4 85.2 127.8
160 47.8 41.5 62.3

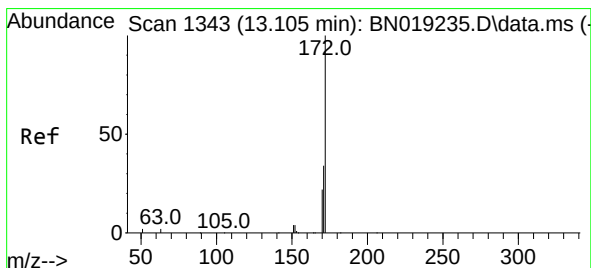
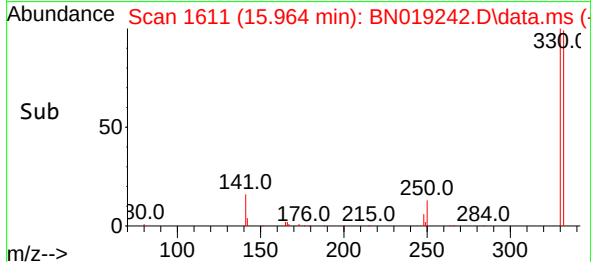
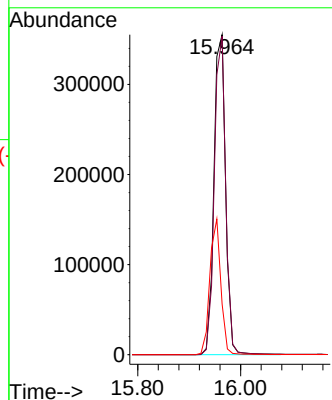
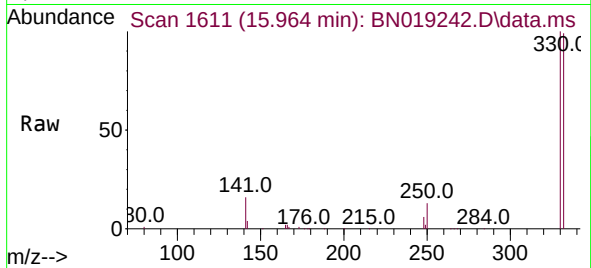




#14
2,4,6-Tribromophenol
Concen: 225.892 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

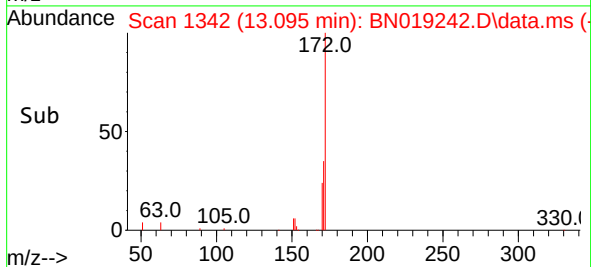
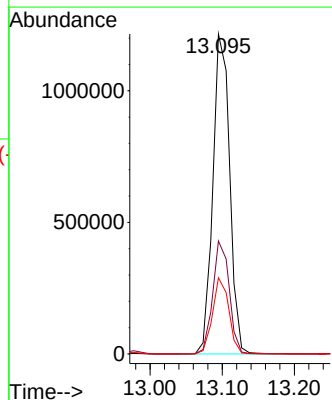
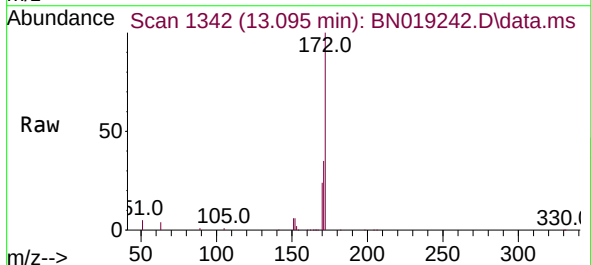
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

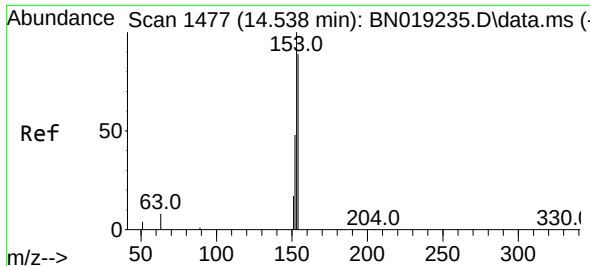
Tgt Ion:330 Resp: 557821
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 40.0 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 93.009 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:172 Resp: 1967765
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 18.7 28.1

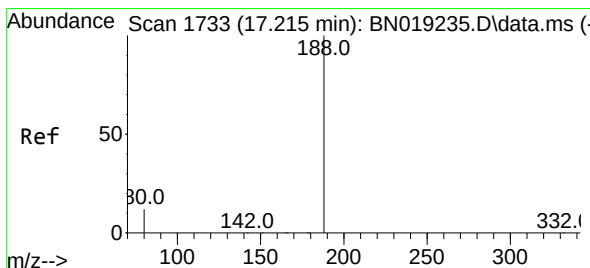
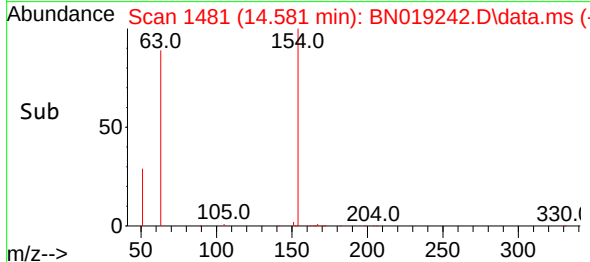
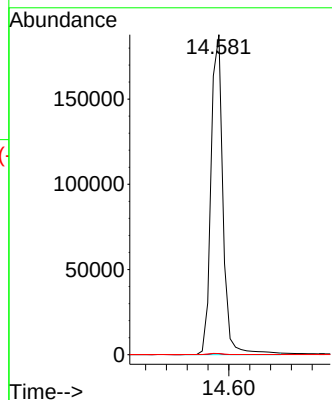
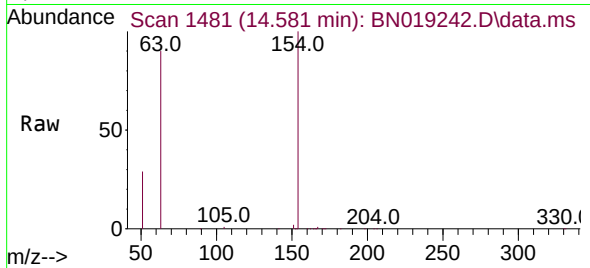




#17
Acenaphthene
Concen: 18.250 ng
RT: 14.581 min Scan# 1477
Delta R.T. 0.043 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

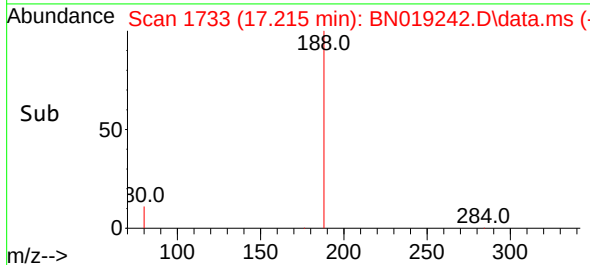
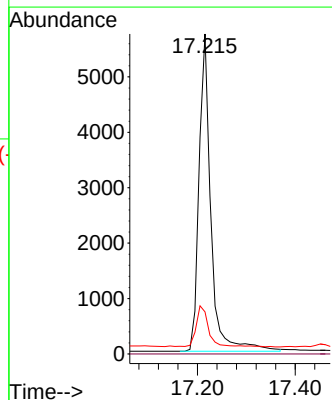
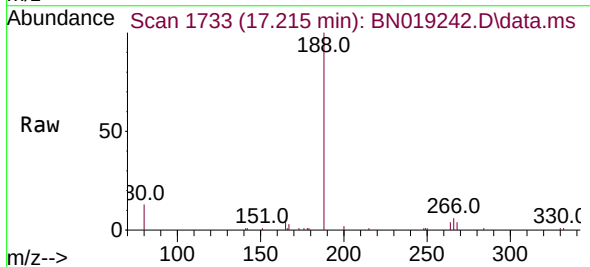
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

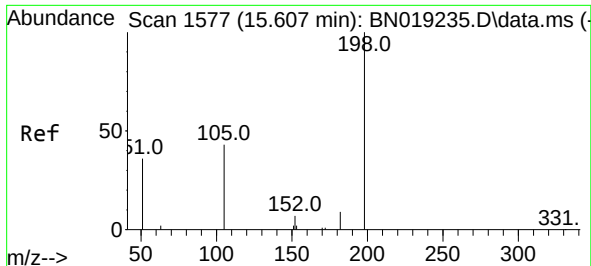
Tgt Ion:154 Resp: 298413
Ion Ratio Lower Upper
154 100
153 0.4 89.7 134.5#
152 0.5 44.7 67.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:188 Resp: 9646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 11.8 17.8

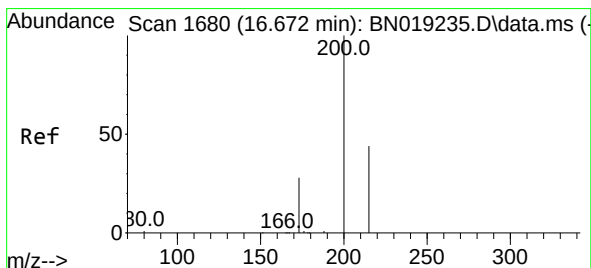
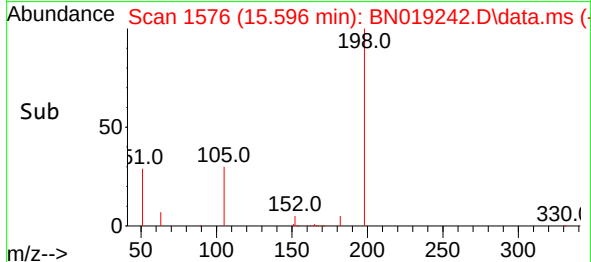
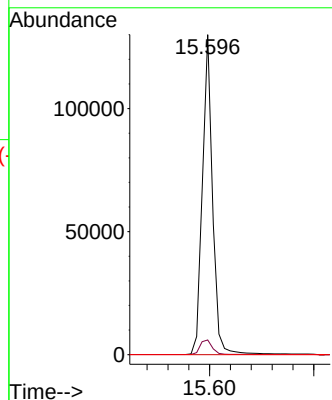
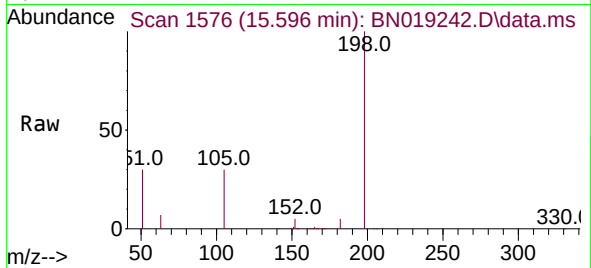




#20
4,6-Dinitro-2-methylphenol
Concen: 91.868 ng
RT: 15.596 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

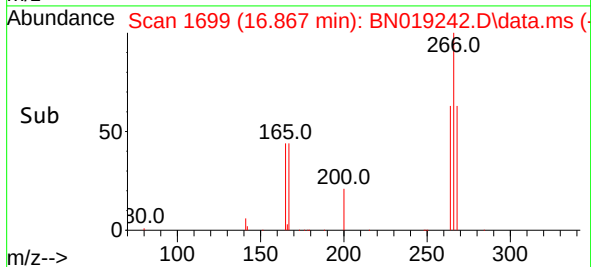
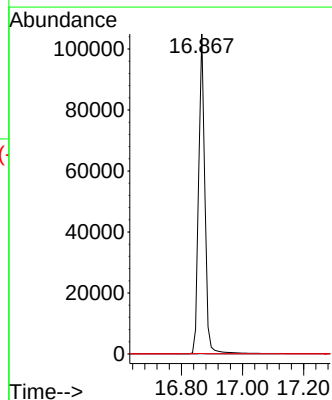
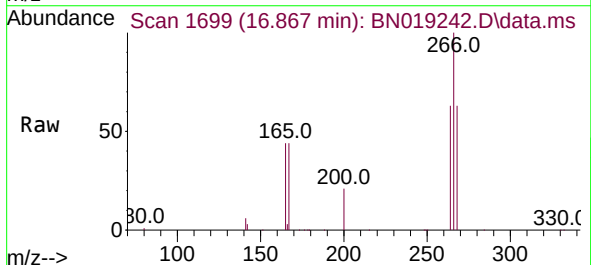
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

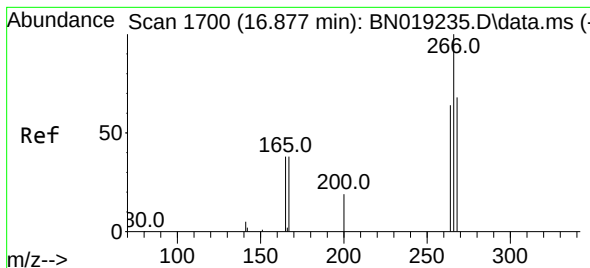
Tgt Ion:198 Resp: 175642
Ion Ratio Lower Upper
198 100
182 4.6 13.0 19.4#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 34.368 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.195 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:200 Resp: 149235
Ion Ratio Lower Upper
200 100
173 0.1 23.9 35.9#
215 0.2 36.6 54.8#





#24

Pentachlorophenol

Concen: 249.502 ng

RT: 16.867 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN019242.D

Acq: 30 Mar 2022 15:16

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

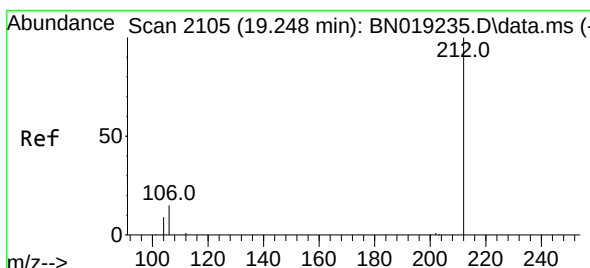
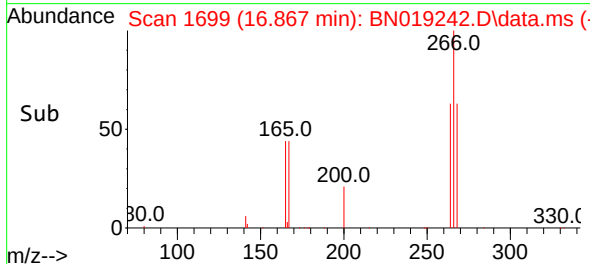
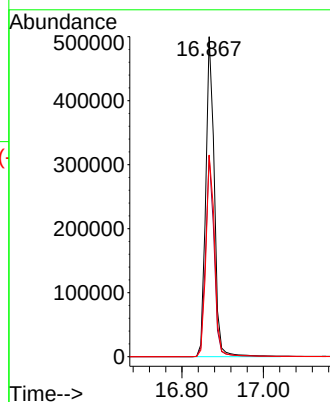
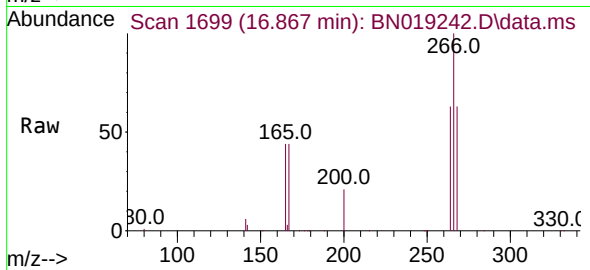
Tgt Ion:266 Resp: 730395

Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.4

268 64.0 51.9 77.9



#27

Fluoranthene-d10

Concen: 0.004 ng

RT: 19.265 min Scan# 2109

Delta R.T. 0.017 min

Lab File: BN019242.D

Acq: 30 Mar 2022 15:16

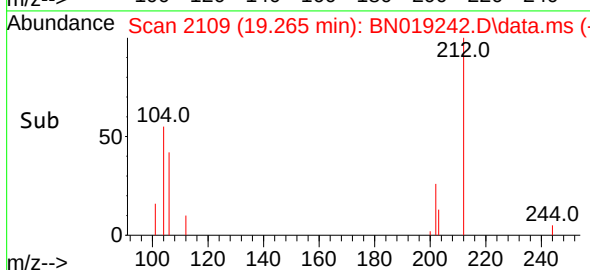
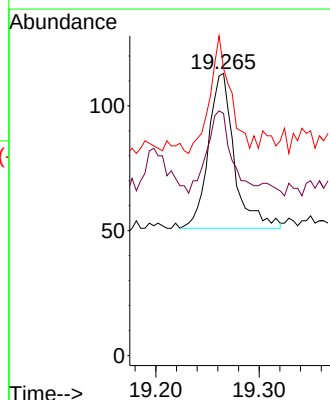
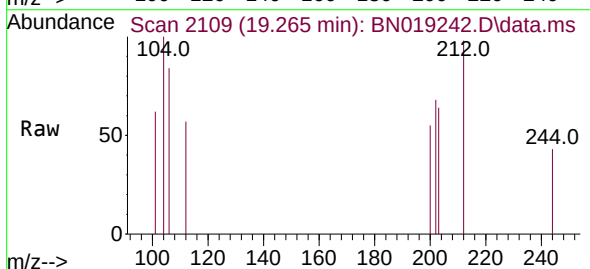
Tgt Ion:212 Resp: 108

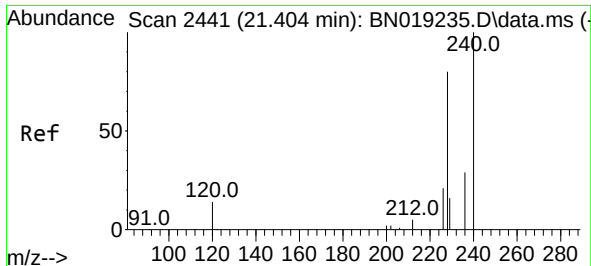
Ion Ratio Lower Upper

212 100

106 50.0 12.7 19.1#

104 59.3 7.1 10.7#

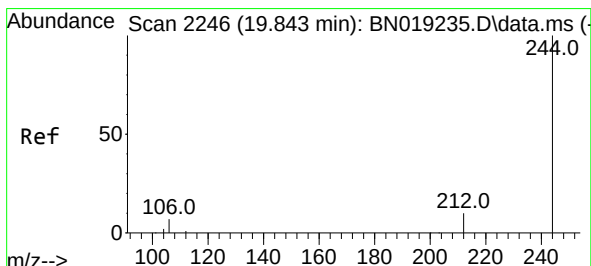
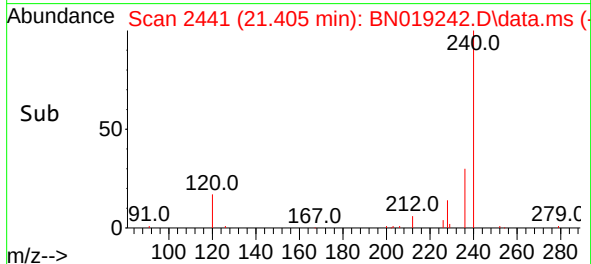
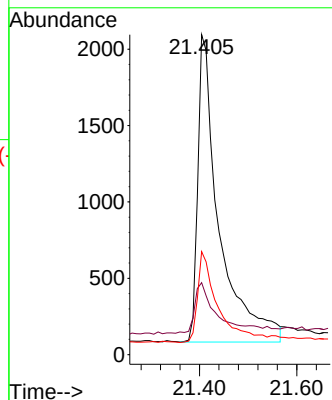
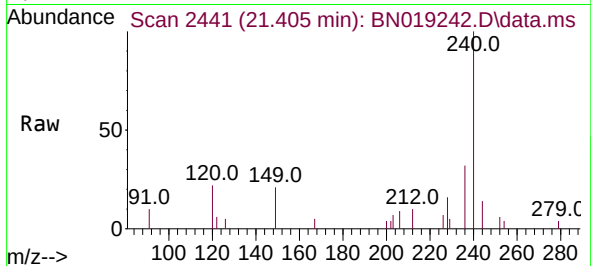




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

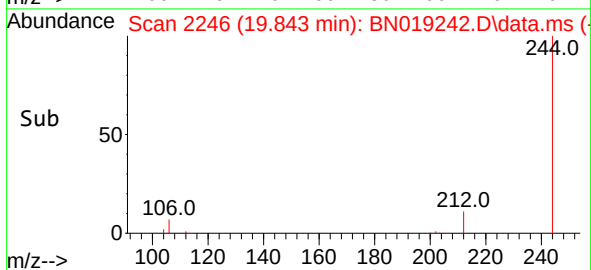
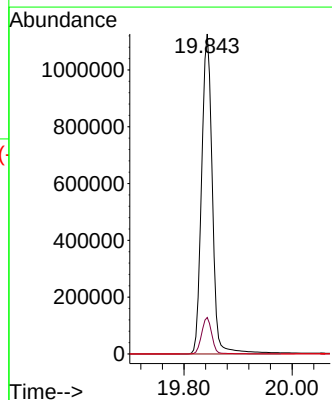
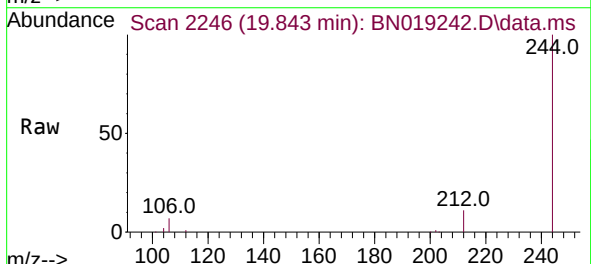
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

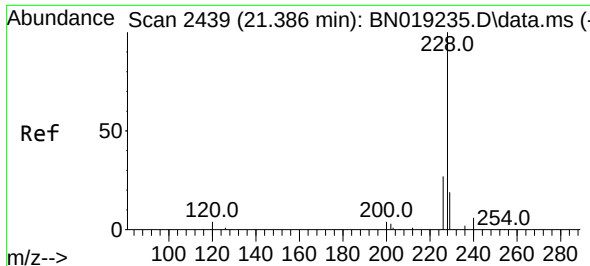
Tgt Ion:240 Resp: 6107
Ion Ratio Lower Upper
240 100
120 22.5 8.5 12.7#
236 32.2 22.4 33.6



#31
Terphenyl-d14
Concen: 113.395 ng
RT: 19.843 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:244 Resp: 1552485
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 0.0 0.0 0.0

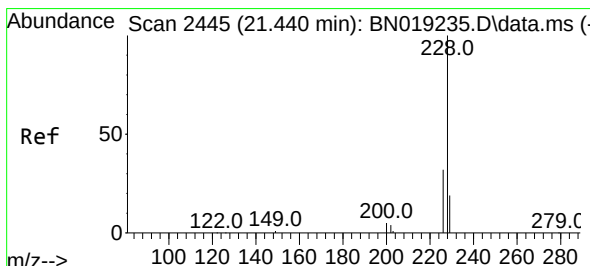
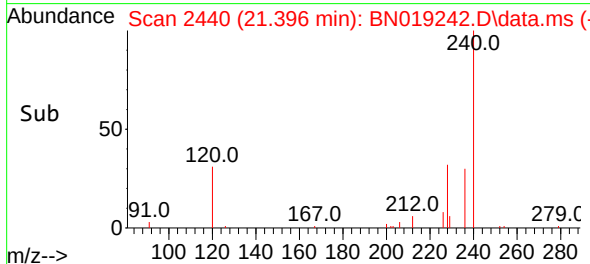
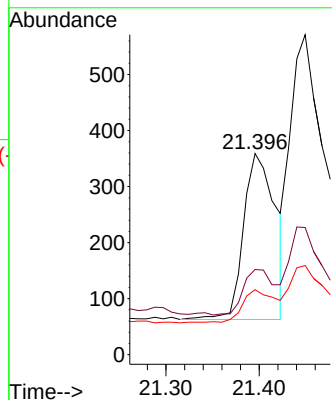
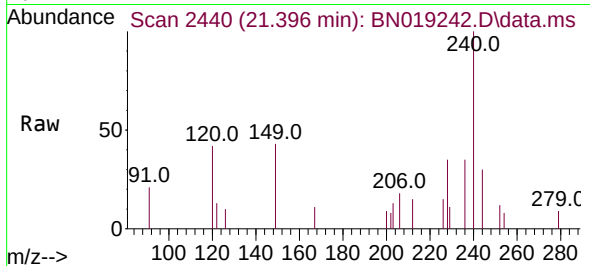




#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.396 min Scan# 2439
Delta R.T. 0.009 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

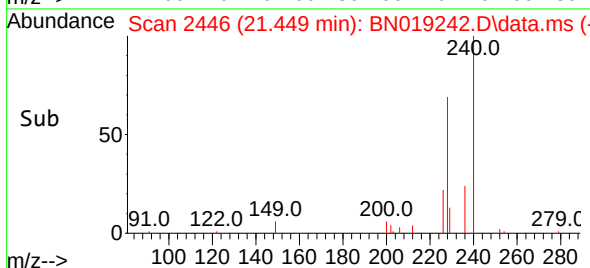
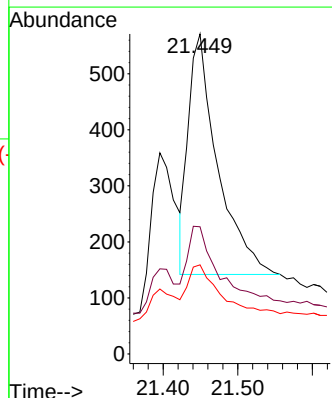
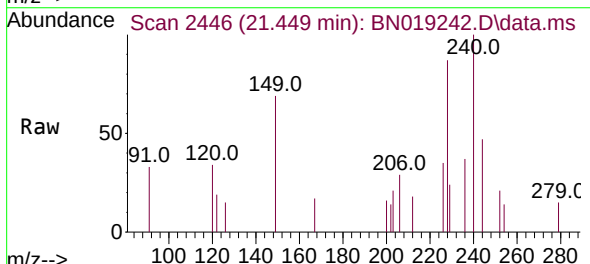
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

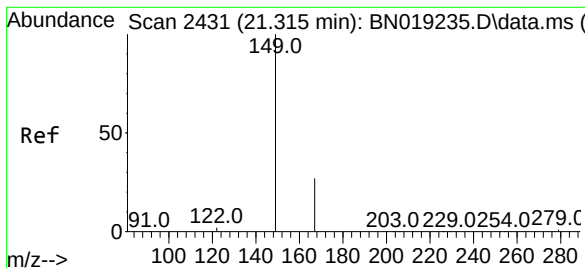
Tgt Ion:228 Resp: 703
Ion Ratio Lower Upper
228 100
226 42.3 21.9 32.9#
229 32.3 16.0 24.0#



#33
Chrysene
Concen: 0.042 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.009 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:228 Resp: 1168
Ion Ratio Lower Upper
228 100
226 39.8 24.0 36.0#
229 27.8 15.9 23.9#

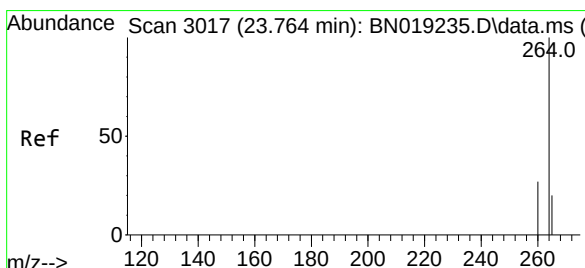
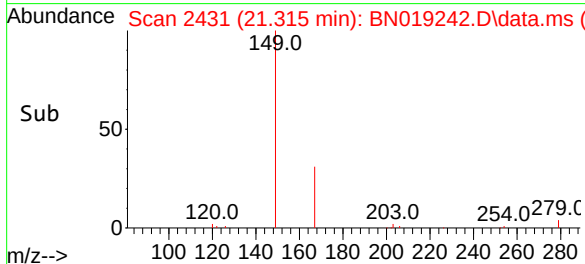
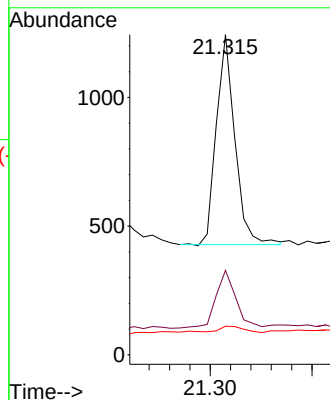
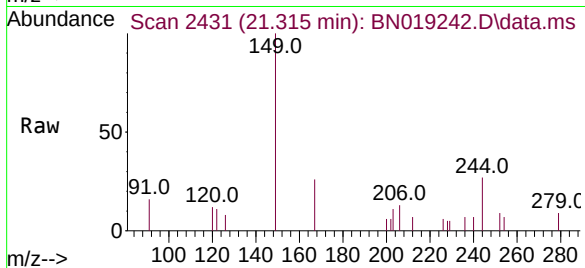




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

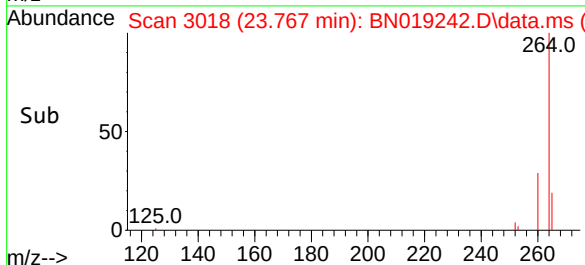
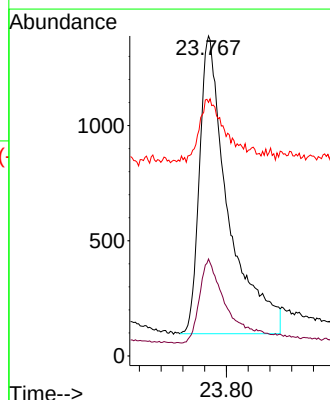
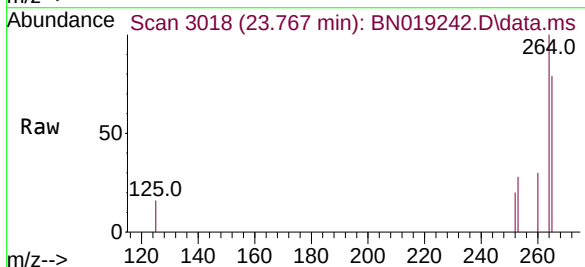
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

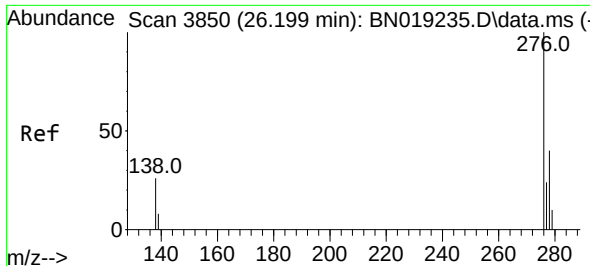
Tgt Ion:149 Resp: 1034
Ion Ratio Lower Upper
149 100
167 29.7 21.8 32.8
279 5.0 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.767 min Scan# 3018
Delta R.T. 0.003 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:264 Resp: 4740
Ion Ratio Lower Upper
264 100
260 30.3 22.4 33.6
265 79.3 25.3 37.9#

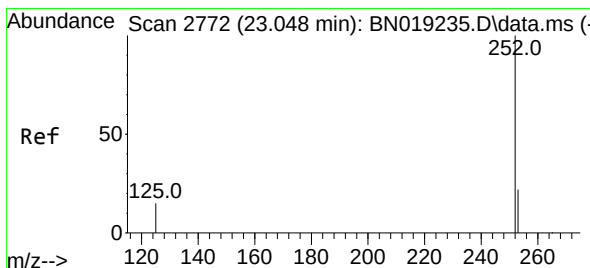
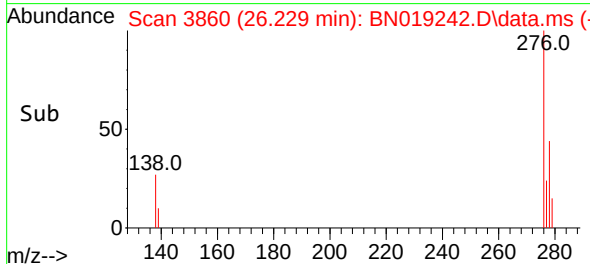
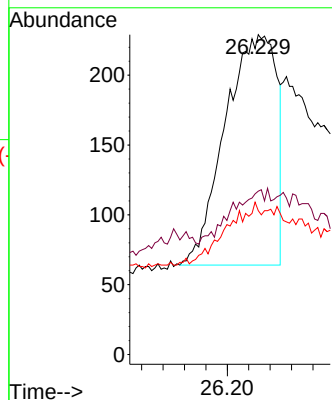
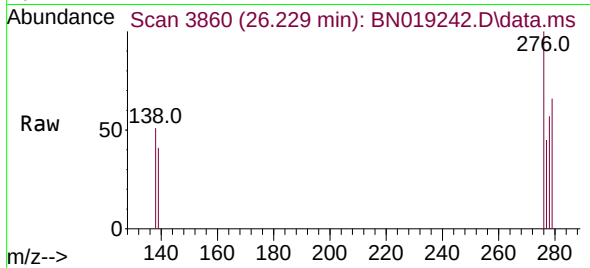




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng
RT: 26.229 min Scan# 3850
Delta R.T. 0.029 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

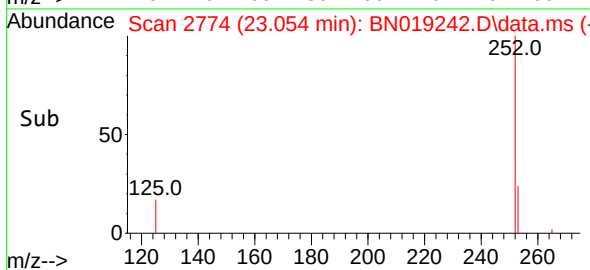
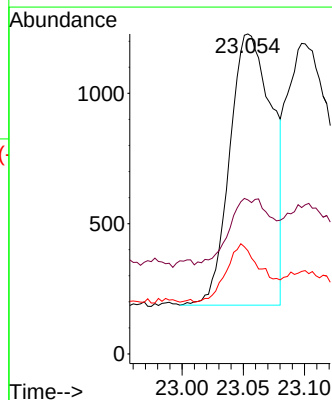
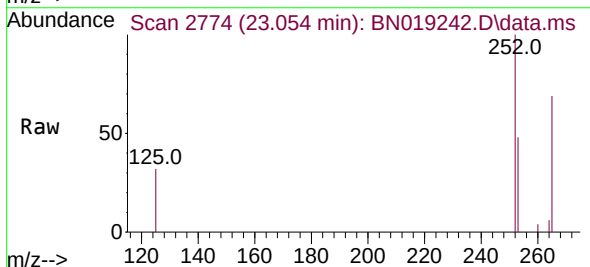
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

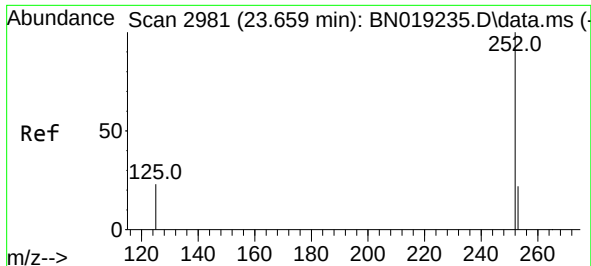
Tgt Ion:276 Resp: 550
Ion Ratio Lower Upper
276 100
138 15.1 24.5 36.7#
277 0.0 19.8 29.8#



#37
Benzo(b)fluoranthene
Concen: 0.059 ng
RT: 23.054 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BN019242.D
Acq: 30 Mar 2022 15:16

Tgt Ion:252 Resp: 2506
Ion Ratio Lower Upper
252 100
253 48.1 18.9 28.3#
125 32.2 12.1 18.1#





#39

Benzo(a)pyrene

Concen: 0.044 ng

RT: 23.671 min Scan# 2985

Delta R.T. 0.012 min

Lab File: BN019242.D

Acq: 30 Mar 2022 15:16

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

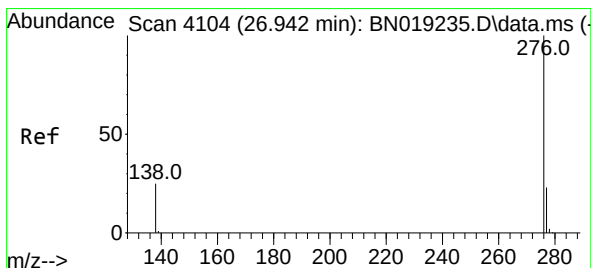
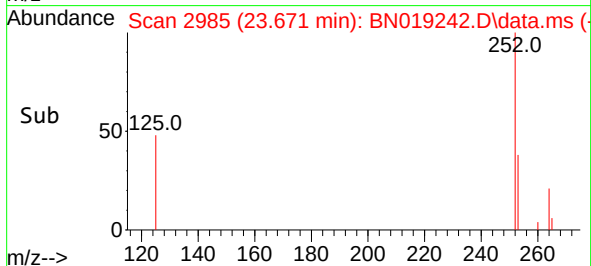
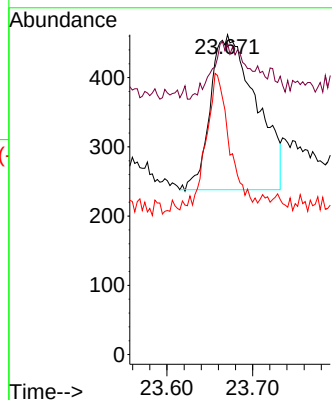
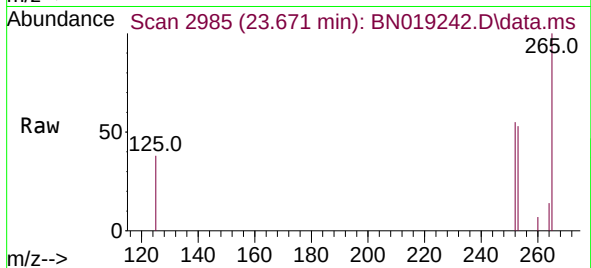
Tgt Ion:252 Resp: 831

Ion Ratio Lower Upper

252 100

253 97.4 20.1 30.1#

125 68.8 15.2 22.8#



#41

Benzo(g,h,i)perylene

Concen: 0.024 ng

RT: 26.954 min Scan# 4108

Delta R.T. 0.012 min

Lab File: BN019242.D

Acq: 30 Mar 2022 15:16

Tgt Ion:276 Resp: 521

Ion Ratio Lower Upper

276 100

277 37.7 19.4 29.0#

138 41.6 21.0 31.6#

