

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035330.D
 Acq On : 27 Nov 2024 00:18
 Operator : RC/JU
 Sample : P4996-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHF70MSD

Quant Time: Nov 27 01:00:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

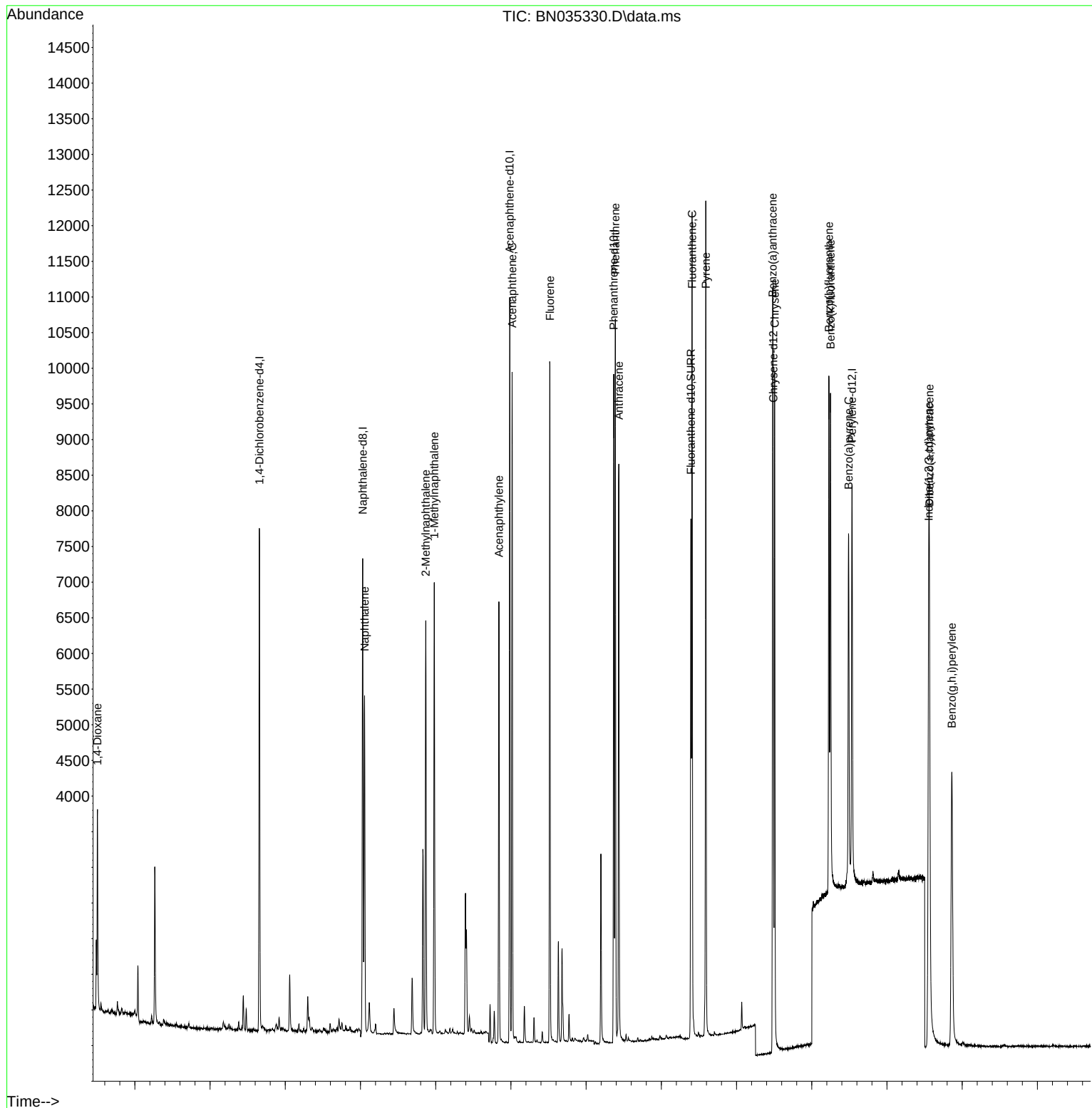
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.310	152	3473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.059	136	9177	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.967	164	5537	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	10850	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	6359	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	6851	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	688	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	3434	0.255	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	8124	0.463	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.006	88	2086	0.605	ng/ul	93
5) Naphthalene	10.108	128	6234	0.270	ng/ul	100
7) 2-Methylnaphthalene	11.736	142	4143	0.258	ng/ul	99
8) 1-Methylnaphthalene	11.961	142	4300	0.266	ng/ul	99
10) Acenaphthylene	13.681	152	6756	0.308	ng/ul	99
11) Acenaphthene	14.032	153	5089	0.303	ng/ul	98
12) Fluorene	15.036	166	5975	0.303	ng/ul	99
14) Pentachlorophenol	16.392	266	1779	0.704	ng/ul	98
15) Phenanthrene	16.776	178	10027	0.350	ng/ul	100
16) Anthracene	16.869	178	8516	0.320	ng/ul	99
19) Fluoranthene	18.819	202	10105	0.456	ng/ul	97
20) Pyrene	19.181	202	10102	0.438	ng/ul#	91
21) Benzo(a)anthracene	20.958	228	7869	0.357	ng/ul	99
22) Chrysene	21.014	228	8539	0.385	ng/ul	99
24) Benzo(b)fluoranthene	22.454	252	8146	0.360	ng/ul	96
25) Benzo(k)fluoranthene	22.498	252	9146	0.392	ng/ul#	96
26) Benzo(a)pyrene	22.978	252	7320	0.354	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.108	276	10222	0.366	ng/ul#	78
28) Dibenzo(a,h)anthracene	25.128	278	7719	0.352	ng/ul#	95
29) Benzo(g,h,i)perylene	25.725	276	8157	0.370	ng/ul#	94

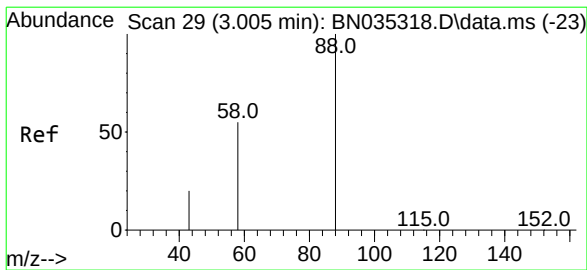
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN11624\
Data File : BN035330.D
Acq On : 27 Nov 2024 00:18
Operator : RC/JU
Sample : P4996-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHF70MSD

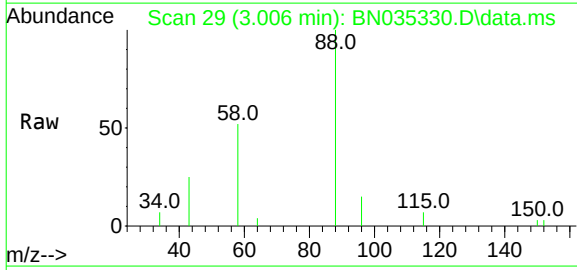
Quant Time: Nov 27 01:00:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration



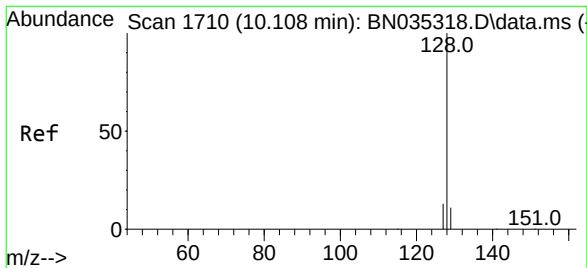
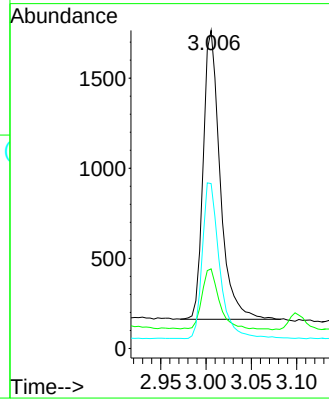
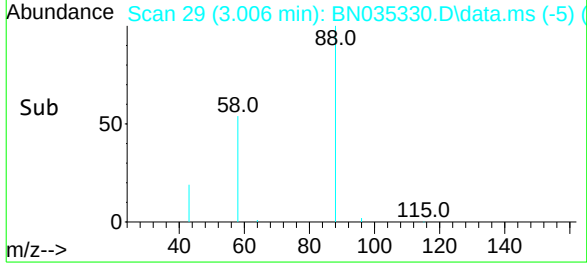


#2
1,4-Dioxane
Concen: 0.605 ng/ul
RT: 3.006 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Instrument :
BNA_N
ClientSampleId :
BHF70MSD

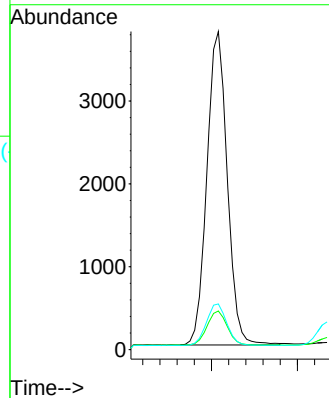
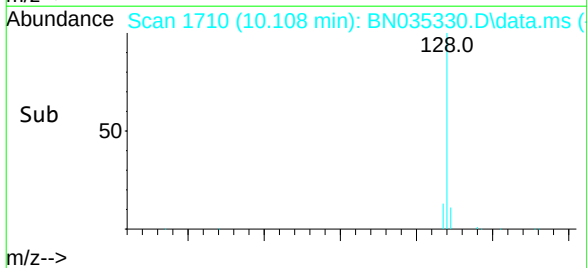
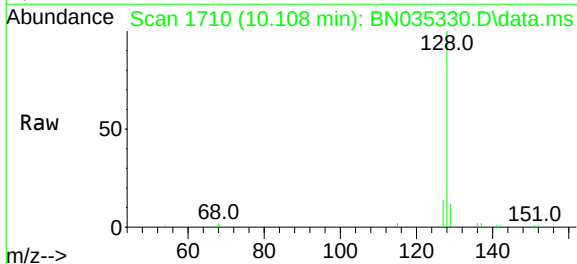


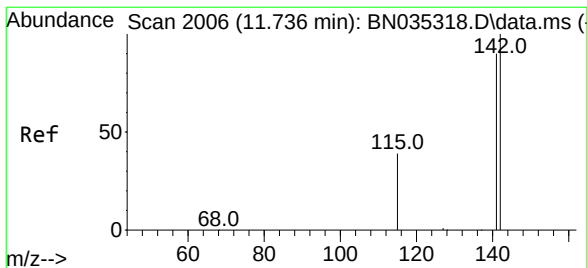
Tgt Ion: 88 Resp: 2086
Ion Ratio Lower Upper
88 100
43 25.0 20.6 31.0
58 51.8 36.2 54.4



#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

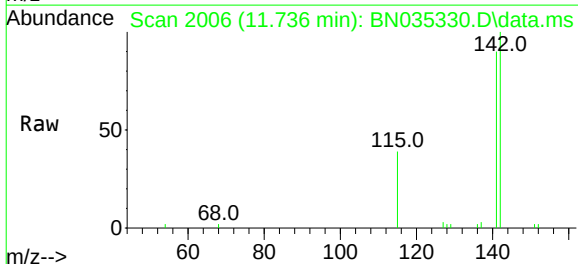
Tgt Ion: 128 Resp: 6234
Ion Ratio Lower Upper
128 100
129 12.1 9.9 14.9
127 14.4 11.4 17.2



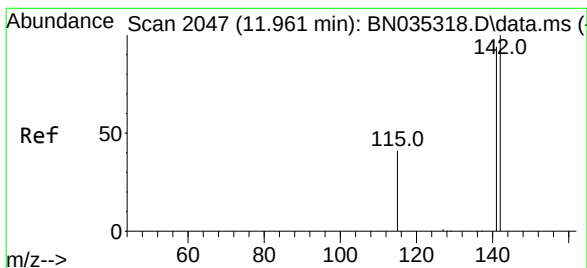
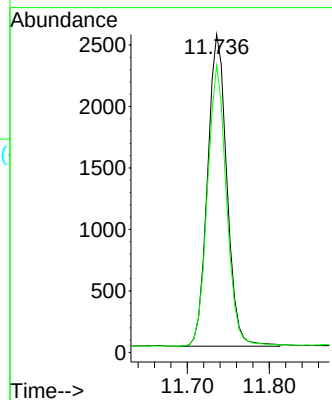
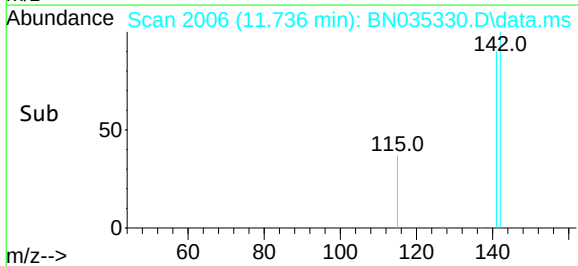


#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 11.736 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Instrument :
BNA_N
ClientSampleId :
BHF70MSD

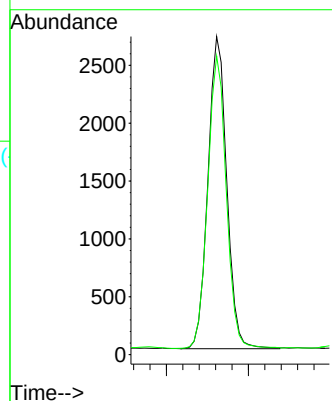
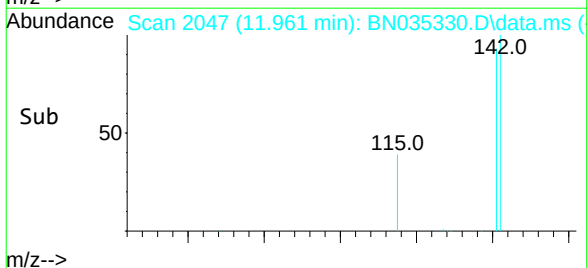
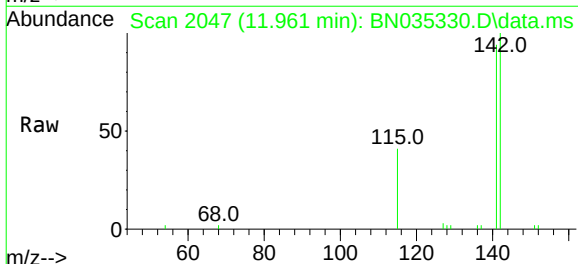


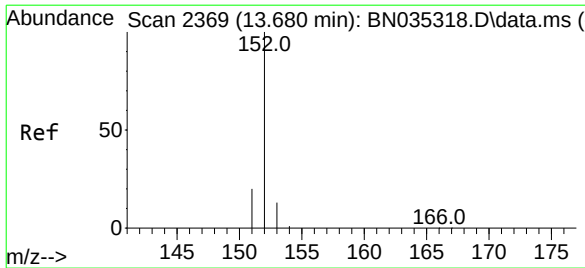
Tgt Ion:142 Resp: 4143
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Tgt Ion:142 Resp: 4300
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7





#10

Acenaphthylene

Concen: 0.308 ng/ul

RT: 13.681 min Scan# 2369

Delta R.T. -0.005 min

Lab File: BN035330.D

Acq: 27 Nov 2024 00:18

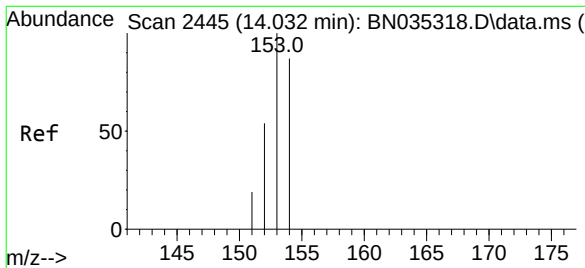
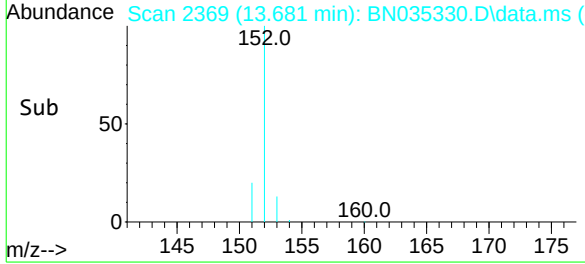
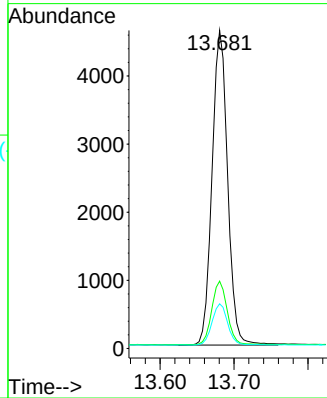
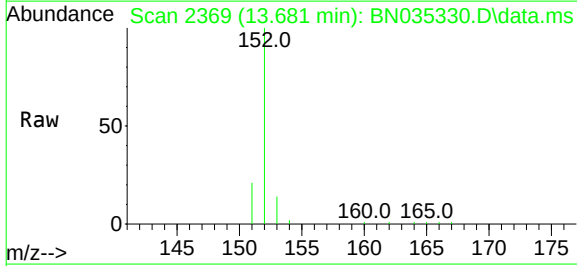
Instrument :

BNA_N

ClientSampleId :

BHF70MSD

Tgt Ion:	152	Resp:	6756
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.4	24.6
153	14.1	11.1	16.7



#11

Acenaphthene

Concen: 0.303 ng/ul

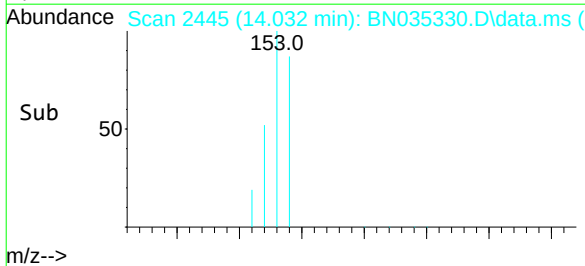
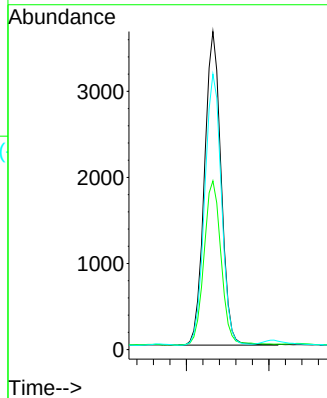
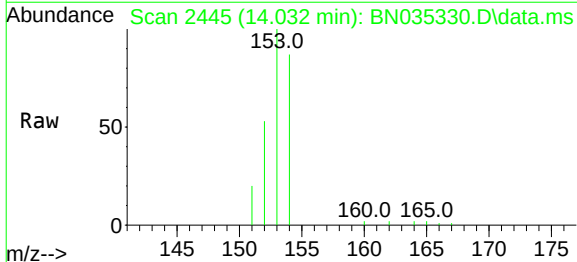
RT: 14.032 min Scan# 2445

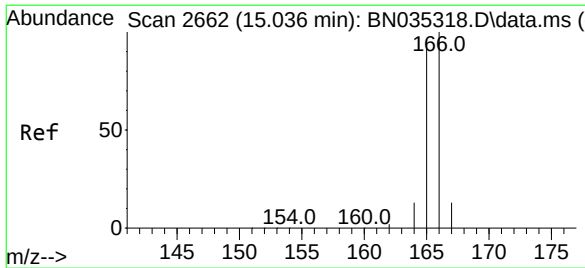
Delta R.T. -0.005 min

Lab File: BN035330.D

Acq: 27 Nov 2024 00:18

Tgt Ion:	153	Resp:	5089
Ion Ratio	Lower	Upper	
153	100		
152	53.0	41.4	62.0
154	86.7	71.2	106.8

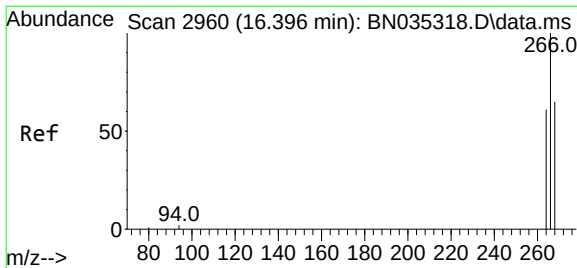
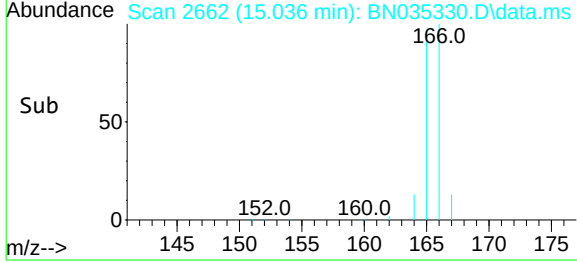
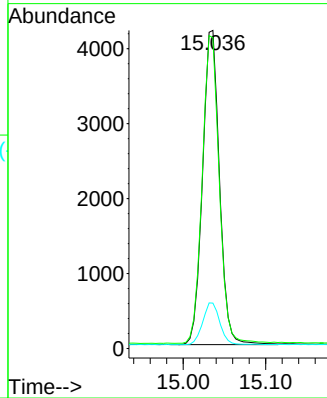
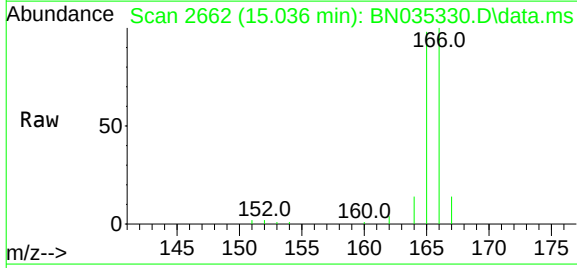




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.036 min Scan# 2662
Delta R.T. -0.000 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

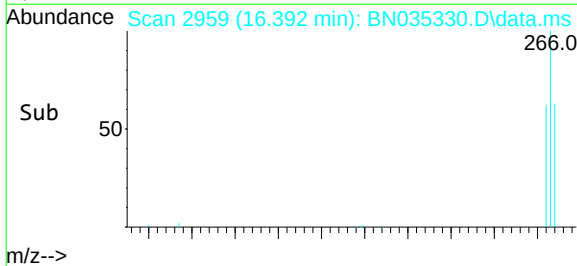
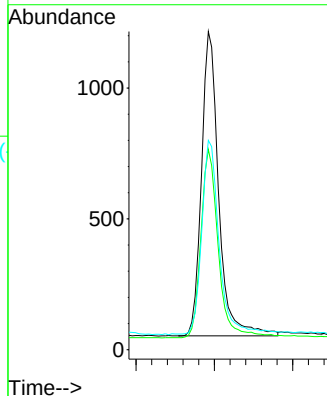
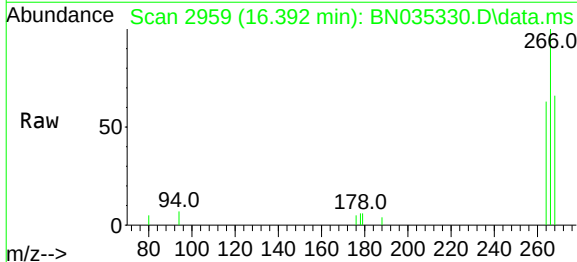
Instrument :
BNA_N
ClientSampleId :
BHF70MSD

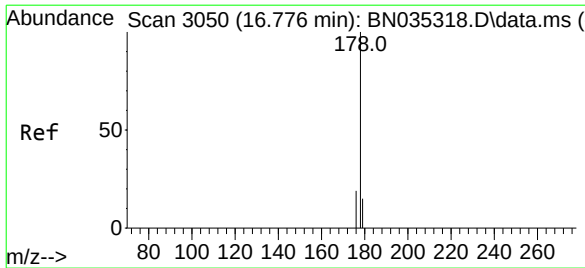
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	118.0
167	14.3	11.8	17.6



#14
Pentachlorophenol
Concen: 0.704 ng/ul
RT: 16.392 min Scan# 2959
Delta R.T. -0.008 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

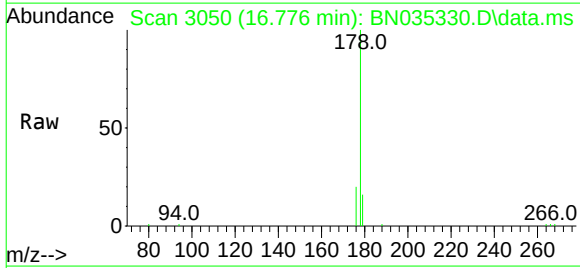
Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.8	77.6
268	64.0	51.3	76.9



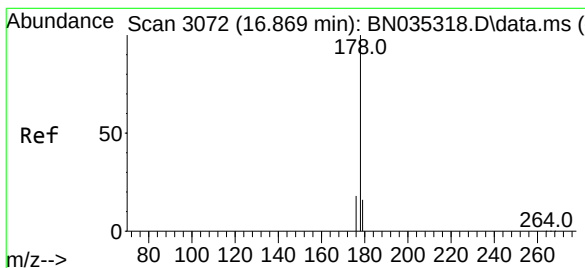
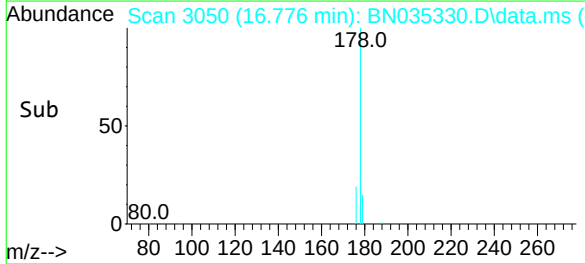
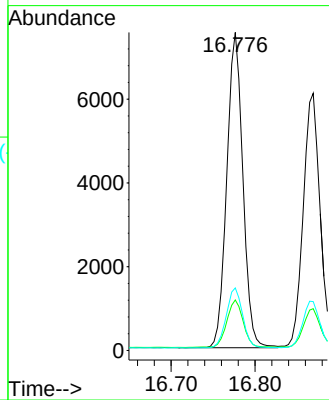


#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Instrument :
BNA_N
ClientSampleId :
BHF70MSD

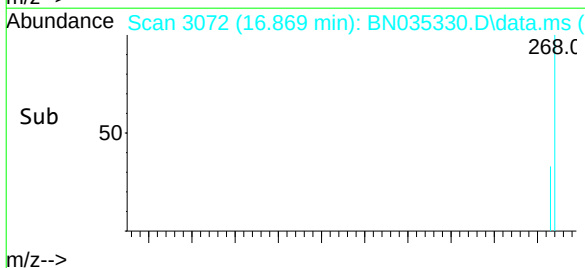
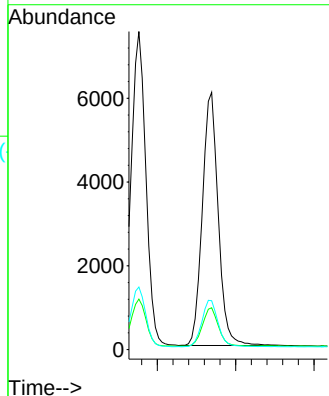
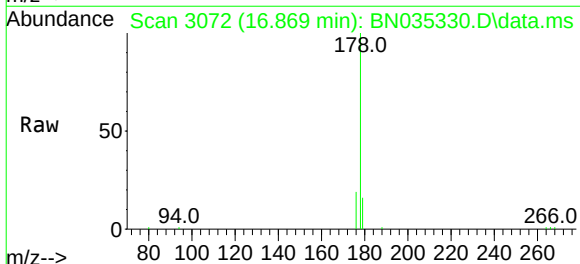


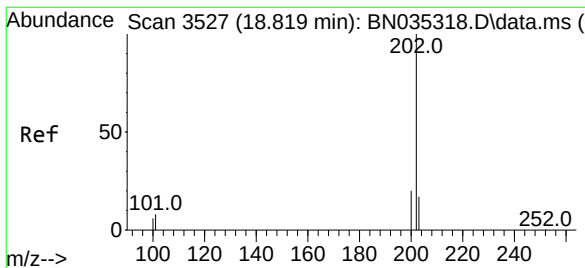
Tgt Ion:178 Resp: 10027
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.320 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Tgt Ion:178 Resp: 8516
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.0 15.4 23.2





#19

Fluoranthene

Concen: 0.456 ng/ul

RT: 18.819 min Scan# 3527

Delta R.T. -0.000 min

Lab File: BN035330.D

Acq: 27 Nov 2024 00:18

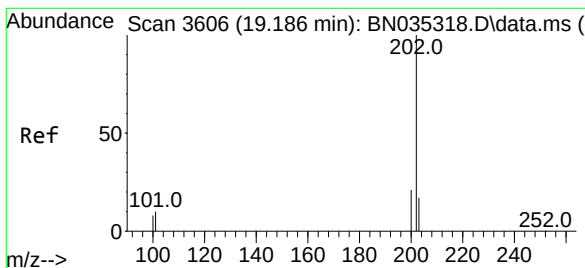
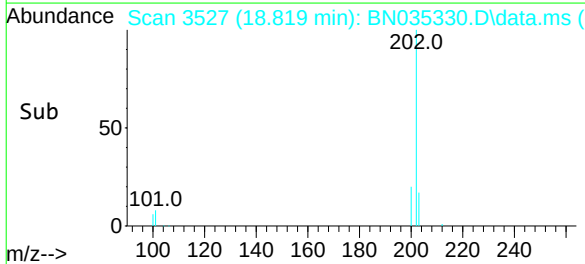
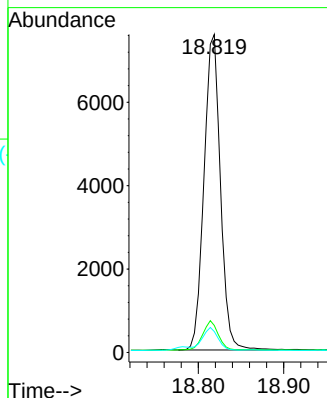
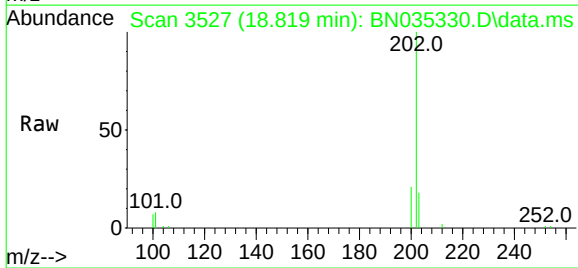
Instrument :

BNA_N

ClientSampleId :

BHF70MSD

Tgt	Ion:202	Resp:	10105
Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.8	8.6
100	6.6	4.5	6.7



#20

Pyrene

Concen: 0.438 ng/ul

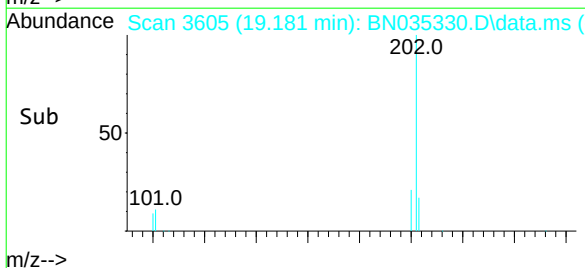
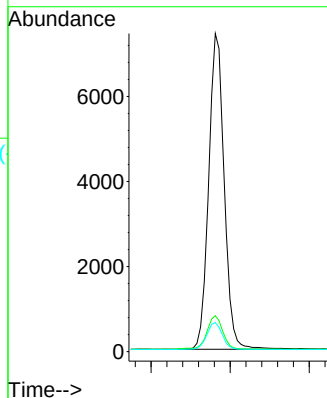
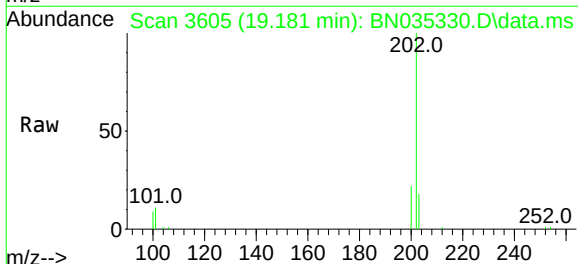
RT: 19.181 min Scan# 3605

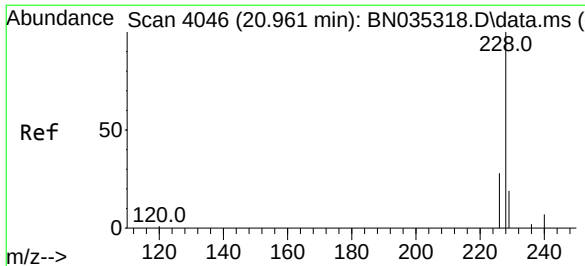
Delta R.T. -0.005 min

Lab File: BN035330.D

Acq: 27 Nov 2024 00:18

Tgt	Ion:202	Resp:	10102
Ion	Ratio	Lower	Upper
202	100		
101	11.3	6.2	9.4#
100	9.1	5.1	7.7#





#21

Benzo(a)anthracene

Concen: 0.357 ng/u1

RT: 20.958 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BN035330.D

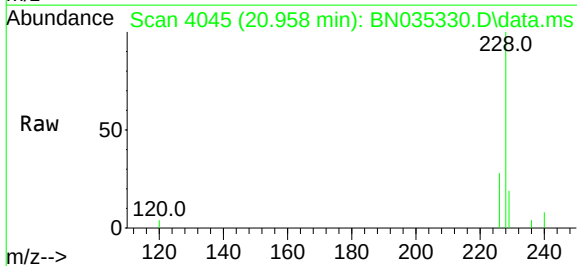
Acq: 27 Nov 2024 00:18

Instrument :

BNA_N

ClientSampleId :

BHF70MSD



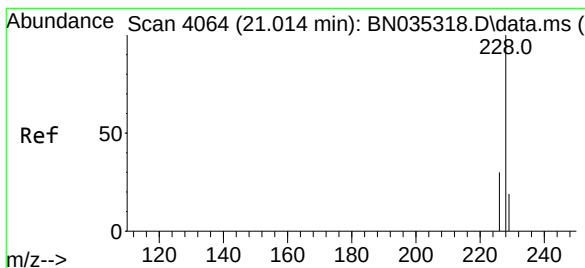
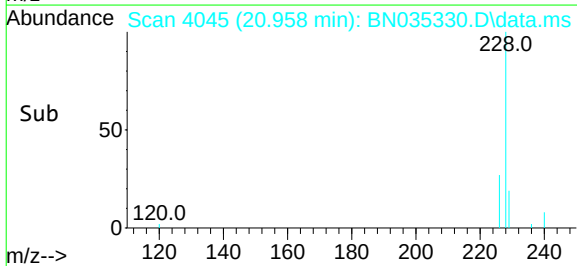
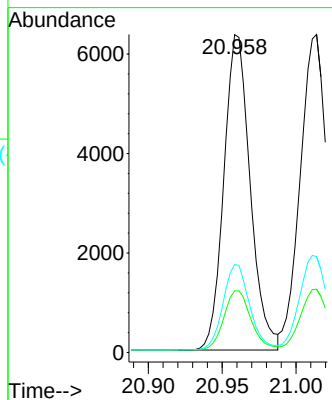
Tgt Ion:228 Resp: 7869

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.8

226 27.6 21.8 32.8



#22

Chrysene

Concen: 0.385 ng/u1

RT: 21.014 min Scan# 4064

Delta R.T. -0.003 min

Lab File: BN035330.D

Acq: 27 Nov 2024 00:18

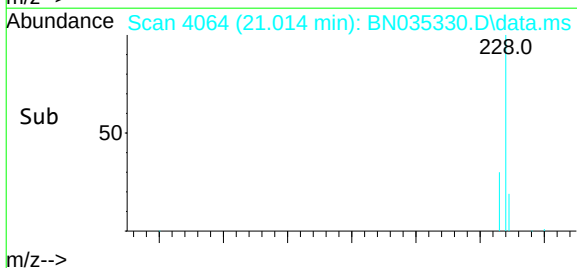
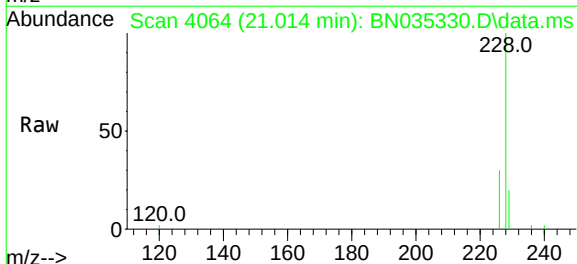
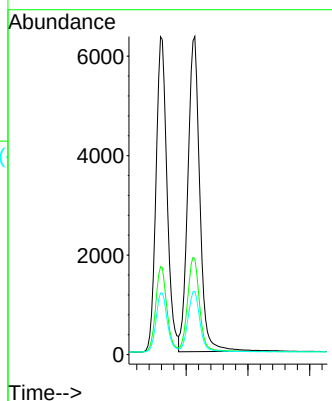
Tgt Ion:228 Resp: 8539

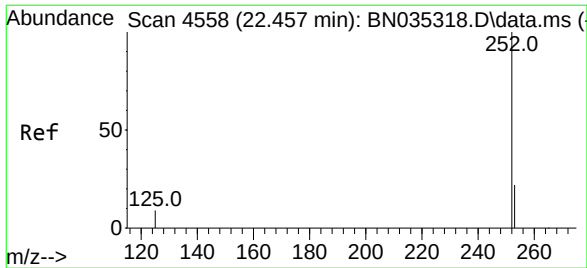
Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

229 19.9 16.0 24.0

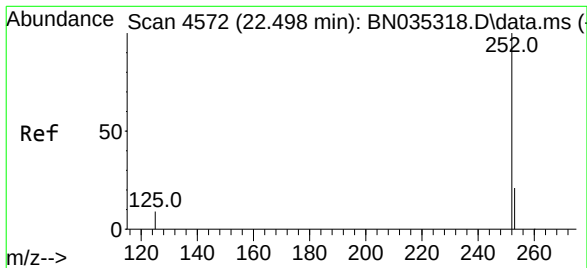
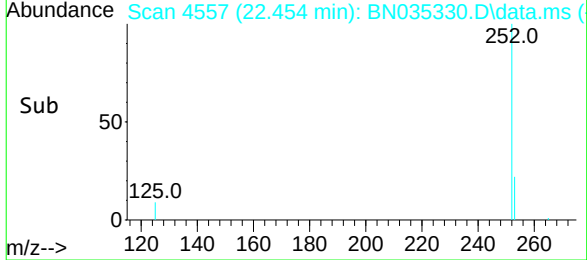
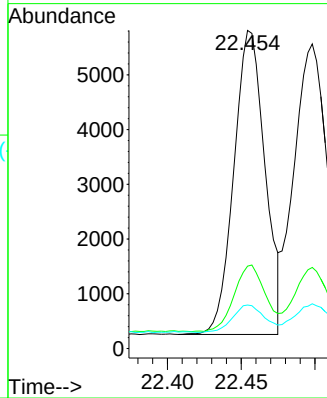
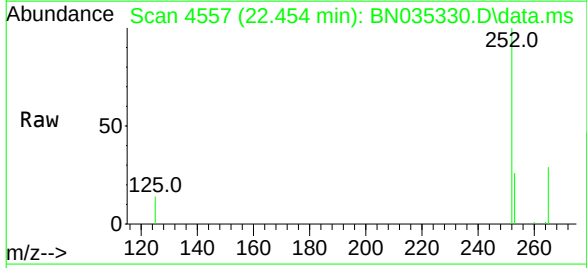




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/u1
RT: 22.454 min Scan# 4558
Delta R.T. -0.009 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

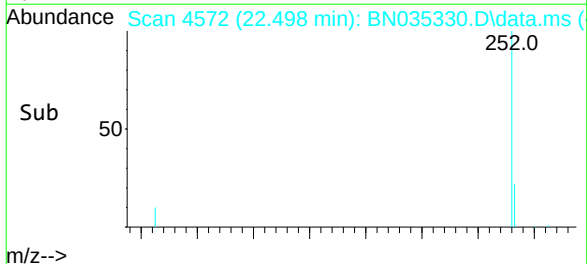
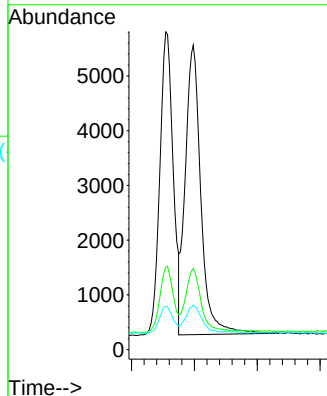
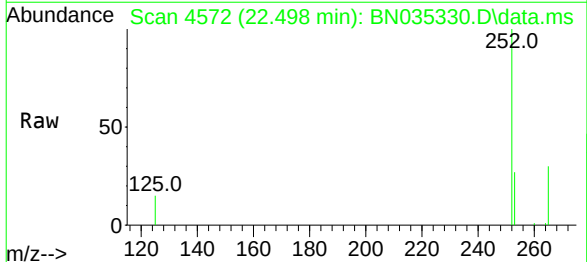
Instrument :
BNA_N
ClientSampleId :
BHF70MSD

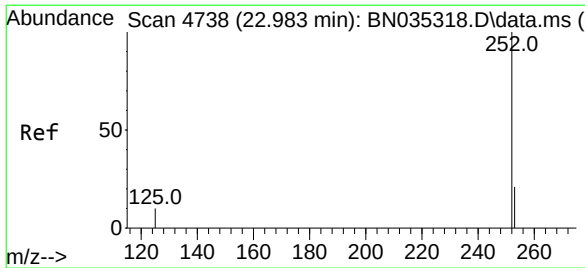
Tgt Ion:252 Resp: 8146
Ion Ratio Lower Upper
252 100
253 25.9 0.0 54.0
125 13.7 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/u1
RT: 22.498 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Tgt Ion:252 Resp: 9146
Ion Ratio Lower Upper
252 100
253 26.6 21.8 32.6
125 14.7 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 0.354 ng/ul

RT: 22.978 min Scan# 47

Delta R.T. -0.009 min

Lab File: BN035330.D

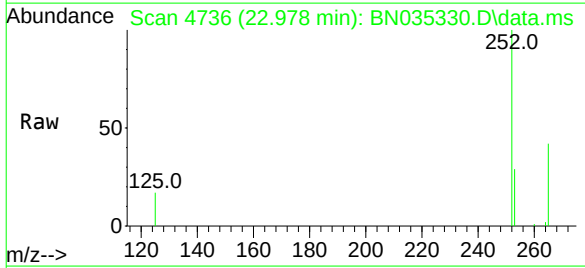
Acq: 27 Nov 2024 00:18

Instrument :

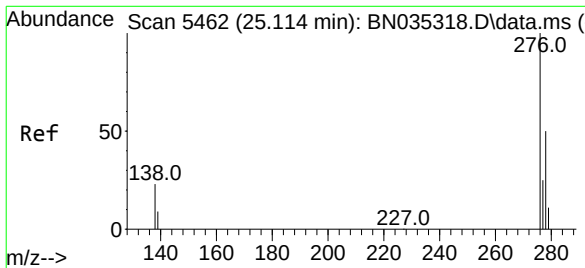
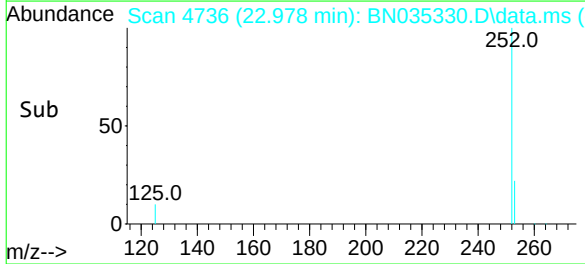
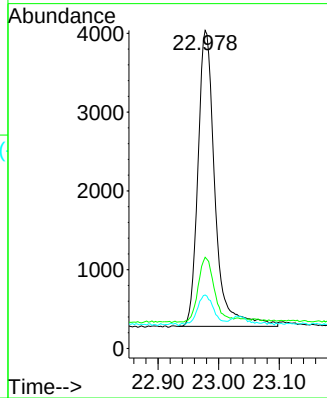
BNA_N

ClientSampleId :

BHF70MSD



Tgt Ion:	252	Resp:	7320
Ion Ratio	Lower	Upper	
252	100		
253	28.7	22.9	34.3
125	16.8	9.4	14.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng/ul

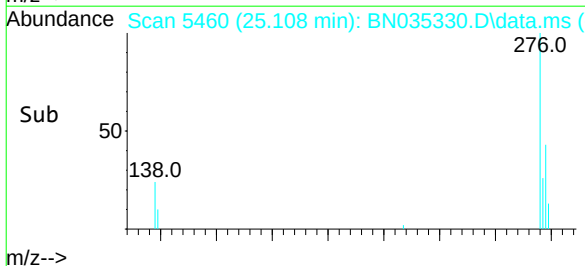
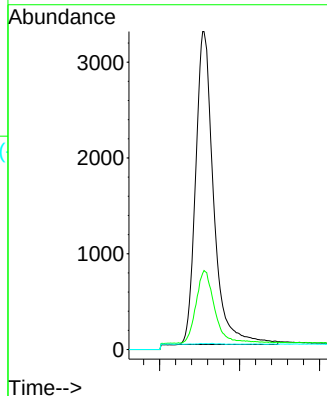
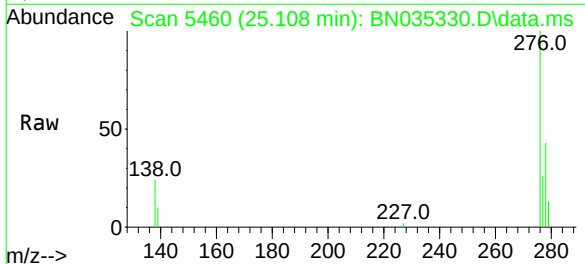
RT: 25.108 min Scan# 5460

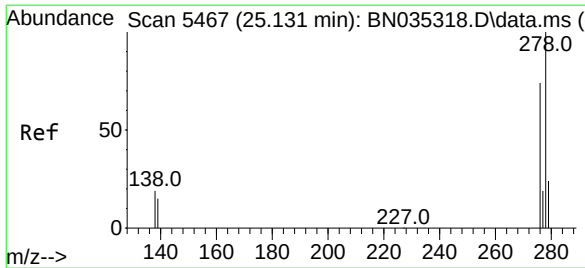
Delta R.T. -0.013 min

Lab File: BN035330.D

Acq: 27 Nov 2024 00:18

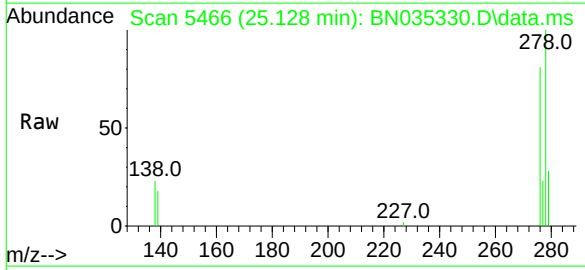
Tgt Ion:	276	Resp:	10222
Ion Ratio	Lower	Upper	
276	100		
138	27.3	13.8	20.8#
227	0.0	0.2	0.4#



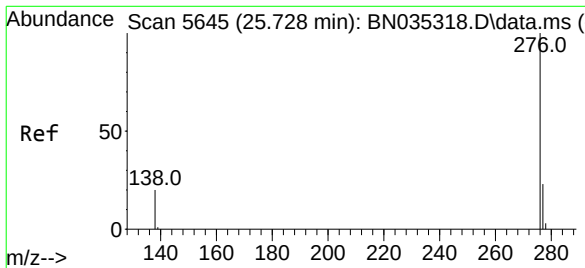
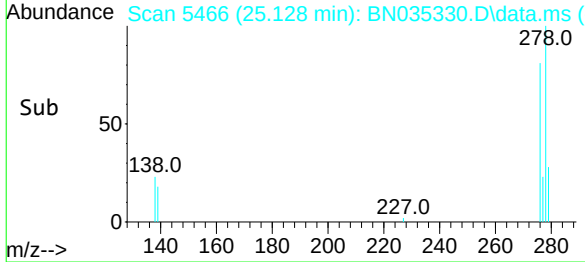
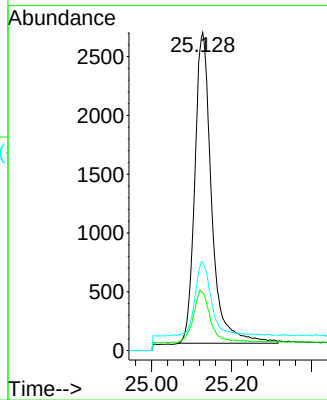


#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 25.128 min Scan# 5466
Delta R.T. -0.010 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Instrument :
BNA_N
ClientSampleId :
BHF70MSD



Tgt Ion:278 Resp: 7719
Ion Ratio Lower Upper
278 100
139 18.3 10.7 16.1#
279 27.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 25.725 min Scan# 5644
Delta R.T. -0.010 min
Lab File: BN035330.D
Acq: 27 Nov 2024 00:18

Tgt Ion:276 Resp: 8157
Ion Ratio Lower Upper
276 100
138 22.7 13.0 19.6#
277 25.7 20.5 30.7

