

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022822\
 Data File : BN018774.D
 Acq On : 01 Mar 2022 00:01
 Operator : CG/JU
 Sample : PB142909BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS909

Quant Time: Mar 01 00:41:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

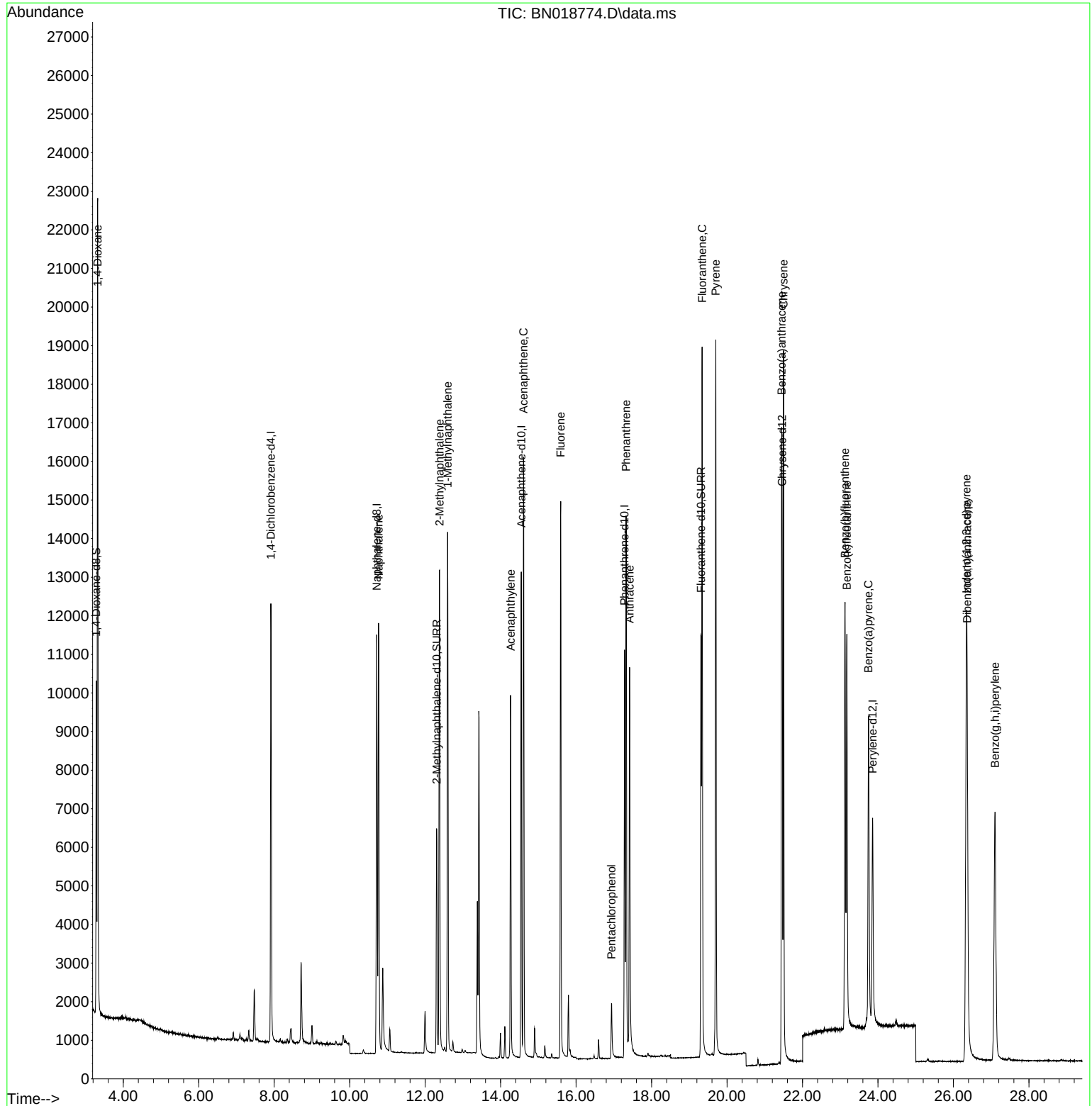
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6051	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	14842	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	6946	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	12512	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.461	240	9324	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	7730	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	5129	0.746	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.304	152	7689	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	12519	0.450	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	13150	1.867	ng/ul#	71
5) Naphthalene	10.765	128	15507	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	9279	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	9253	0.343	ng/ul	100
10) Acenaphthylene	14.265	152	11249	0.359	ng/ul	99
11) Acenaphthene	14.607	153	9070	0.362	ng/ul	100
12) Fluorene	15.593	166	9667	0.359	ng/ul	100
14) Pentachlorophenol	16.937	266	1189	0.466	ng/ul	100
15) Phenanthrene	17.326	178	15328	0.373	ng/ul	99
16) Anthracene	17.419	178	12218	0.333	ng/ul	99
19) Fluoranthene	19.340	202	16216	0.414	ng/ul#	94
20) Pyrene	19.702	202	16397	0.406	ng/ul#	93
21) Benzo(a)anthracene	21.447	228	12798	0.354	ng/ul	99
22) Chrysene	21.499	228	15901	0.423	ng/ul	100
24) Benzo(b)fluoranthene	23.127	252	15208	0.442	ng/ul	94
25) Benzo(k)fluoranthene	23.174	252	14815	0.432	ng/ul#	95
26) Benzo(a)pyrene	23.747	252	13427	0.443	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.342	276	16271	0.422	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.363	278	12867	0.424	ng/ul#	93
29) Benzo(g,h,i)perylene	27.100	276	14822	0.448	ng/ul#	91

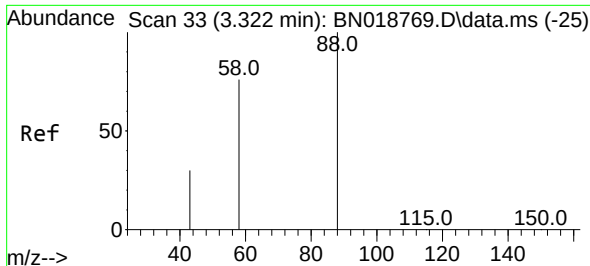
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

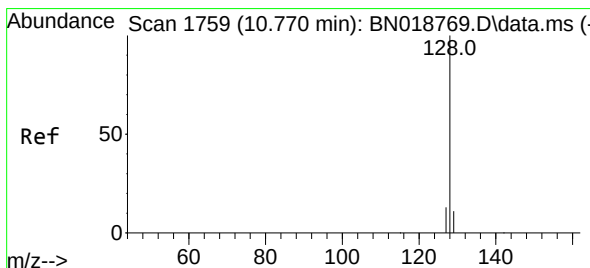
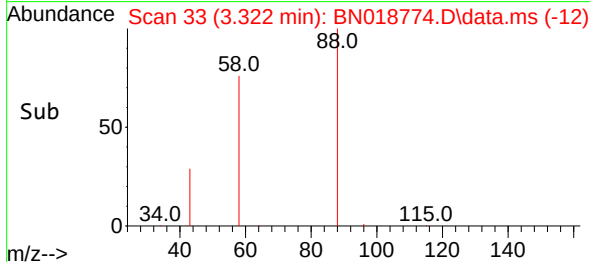
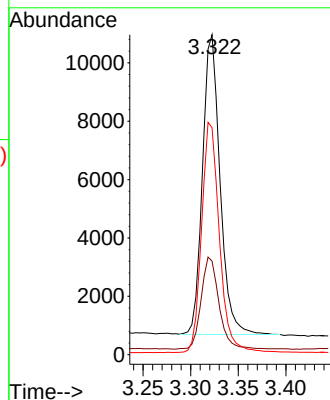
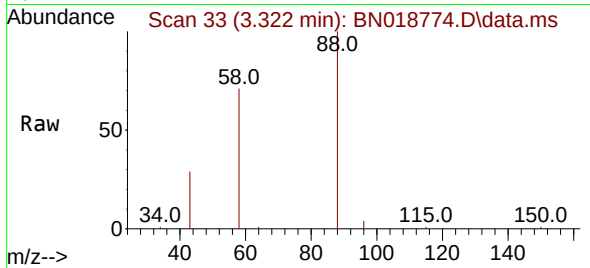




#2
 1,4-Dioxane
 Concen: 1.867 ng/ul
 RT: 3.322 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN018774.D
 Acq: 01 Mar 2022 00:01

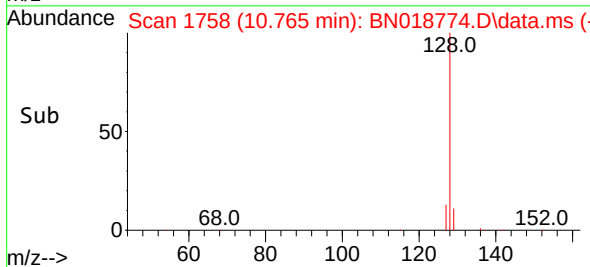
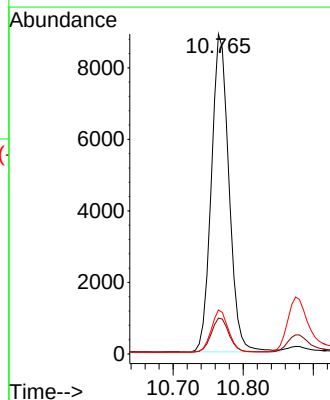
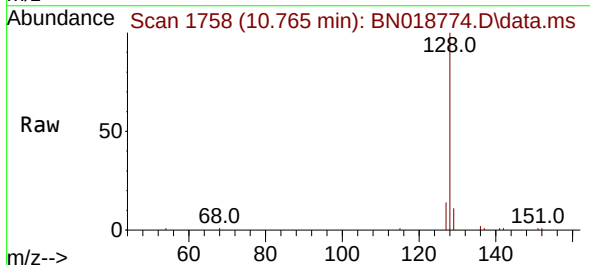
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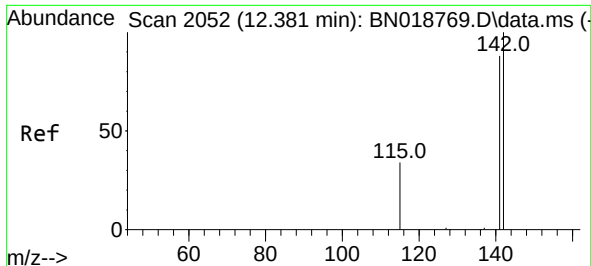
Tgt Ion: 88 Resp: 13150
 Ion Ratio Lower Upper
 88 100
 43 29.2 47.8 71.8#
 58 70.9 46.2 69.2#



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.765 min Scan# 1758
 Delta R.T. -0.009 min
 Lab File: BN018774.D
 Acq: 01 Mar 2022 00:01

Tgt Ion:128 Resp: 15507
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.4 14.0
 127 13.8 11.0 16.6

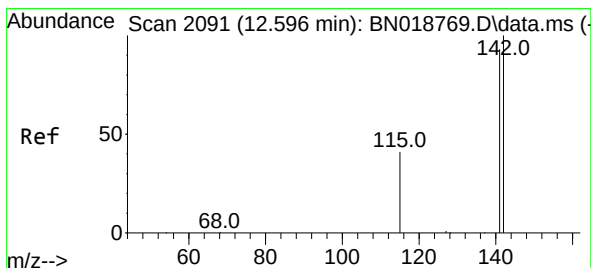
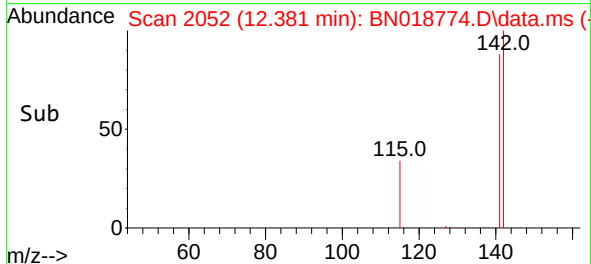
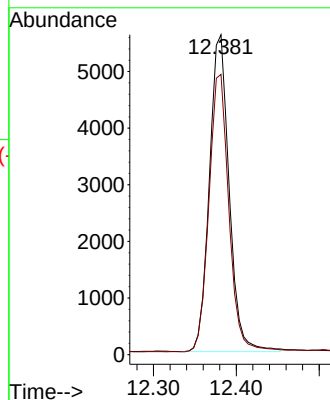
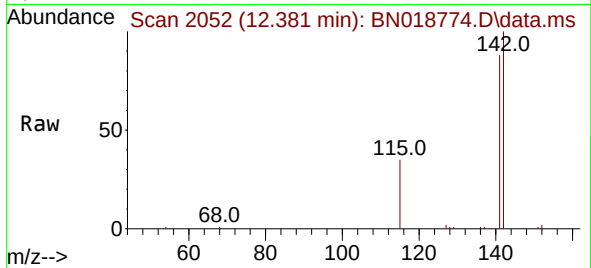




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

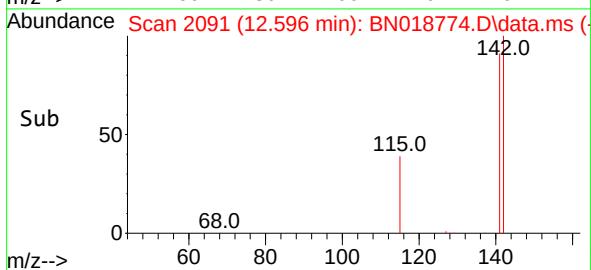
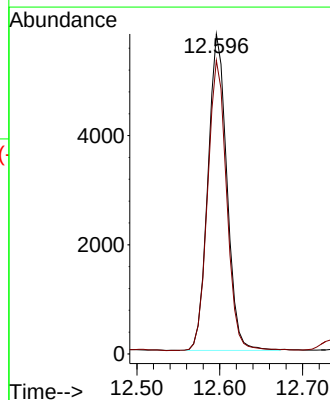
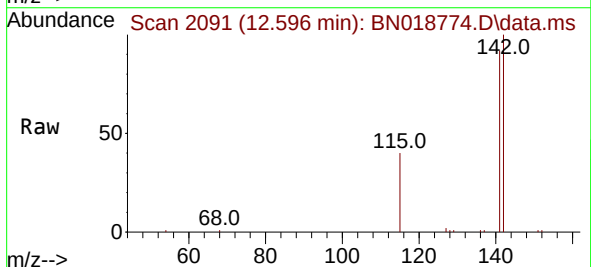
Instrument :
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ClientSampleId :
SLCS909

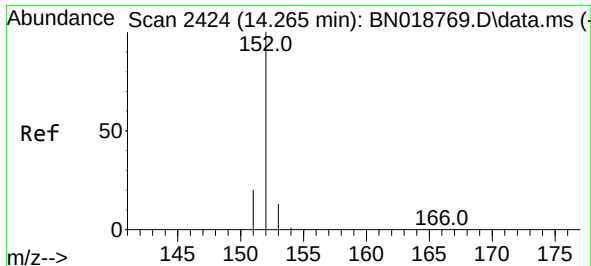
Tgt Ion:142 Resp: 9279
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:142 Resp: 9253
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

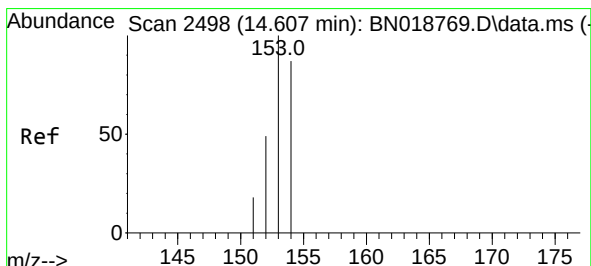
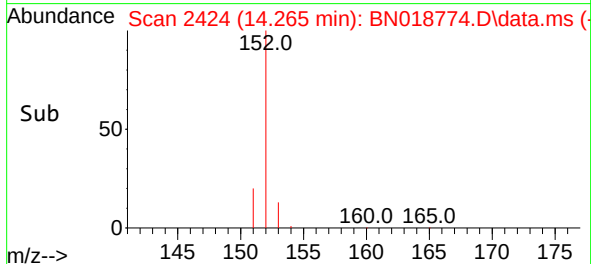
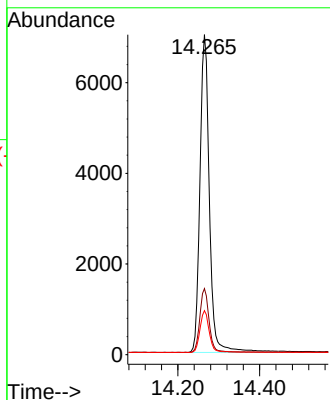
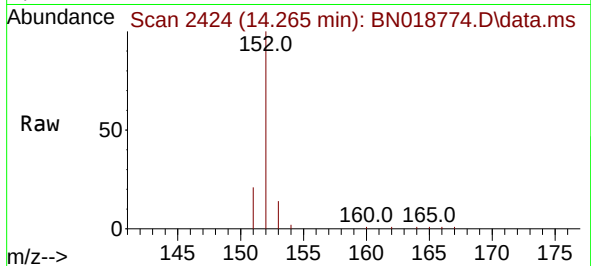




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

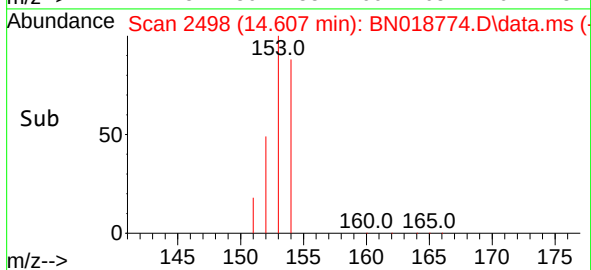
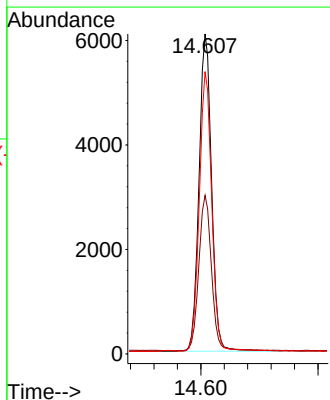
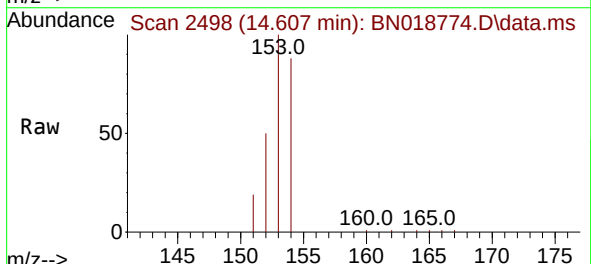
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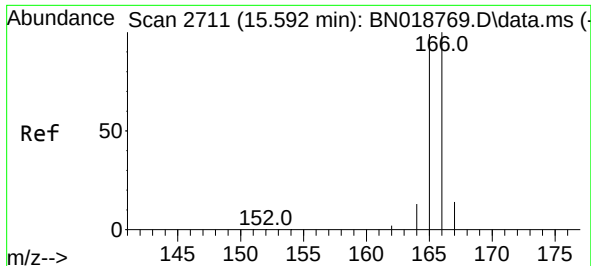
Tgt Ion:	152	Resp:	11249
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	13.7	10.7	16.1



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:	153	Resp:	9070
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.7	59.5
154	88.3	70.9	106.3

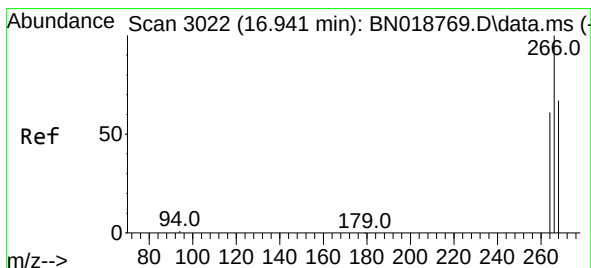
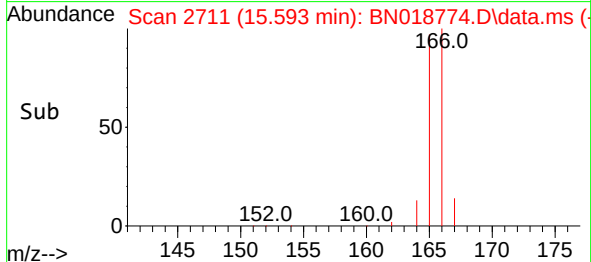
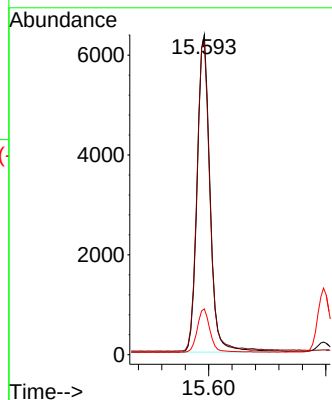
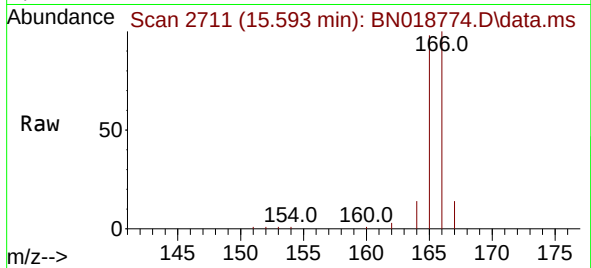




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.593 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

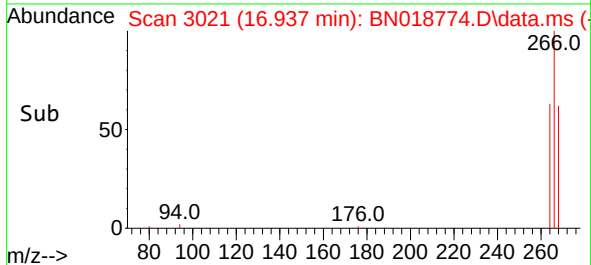
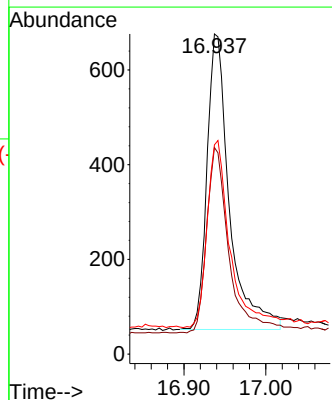
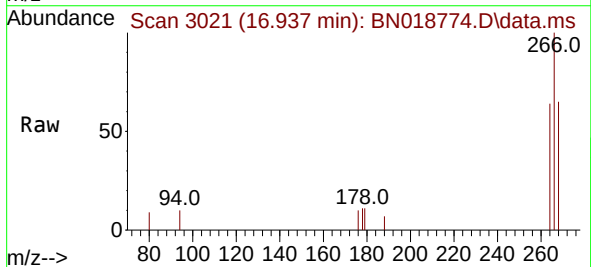
Instrument :
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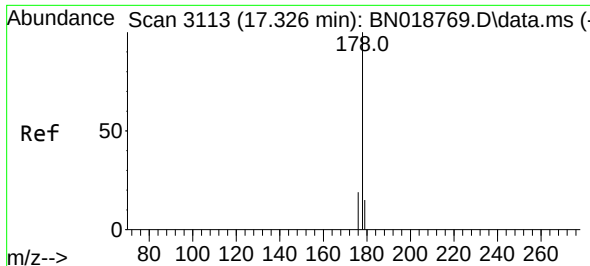
Tgt Ion:166 Resp: 9667
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.6
167 14.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.466 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:266 Resp: 1189
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 64.8 51.7 77.5

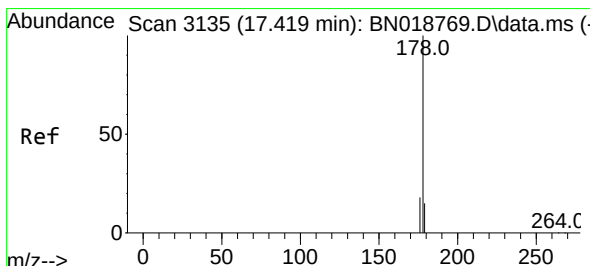
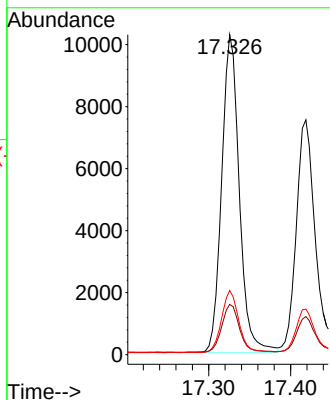
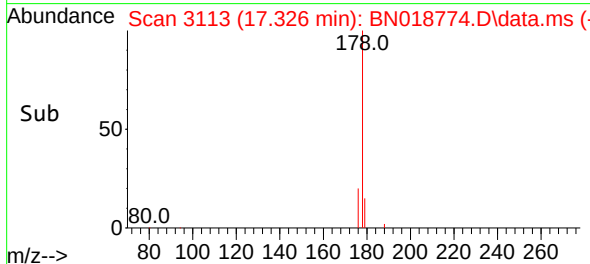
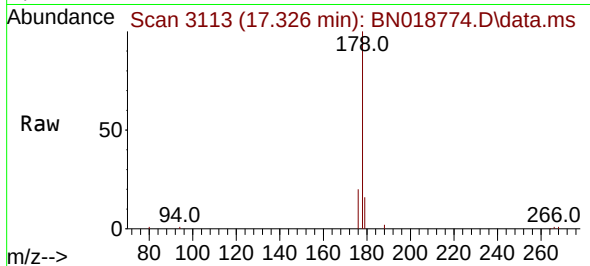




#15
Phenanthrene
Concen: 0.373 ng/u1
RT: 17.326 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

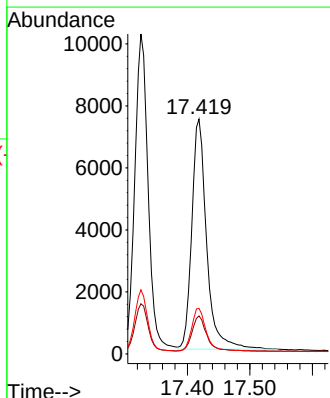
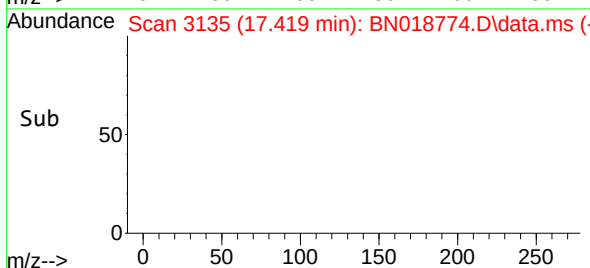
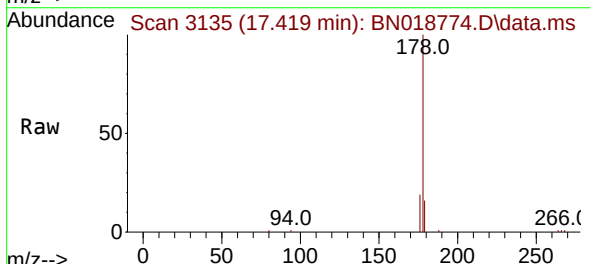
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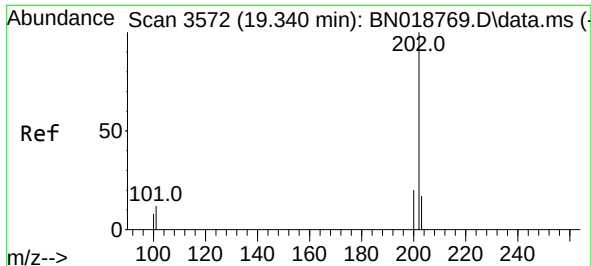
Tgt Ion:178 Resp: 15328
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 20.0 15.4 23.2



#16
Anthracene
Concen: 0.333 ng/u1
RT: 17.419 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:178 Resp: 12218
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 19.4 15.5 23.3

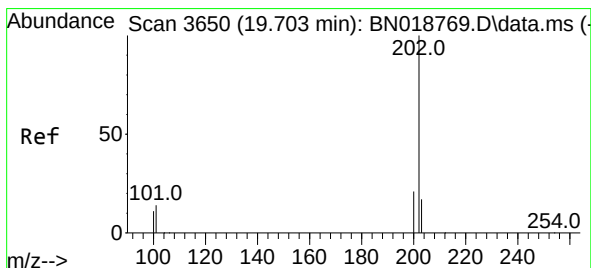
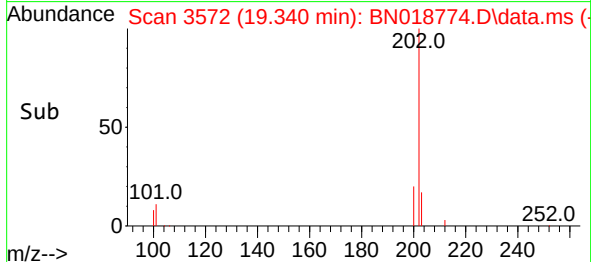
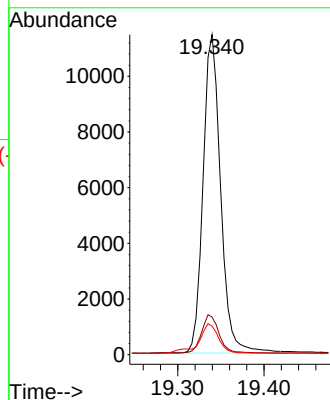
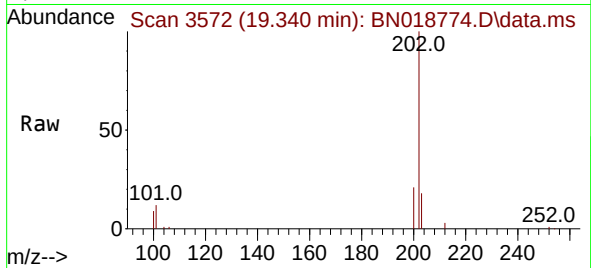




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.340 min Scan# 3572
Delta R.T. -0.004 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

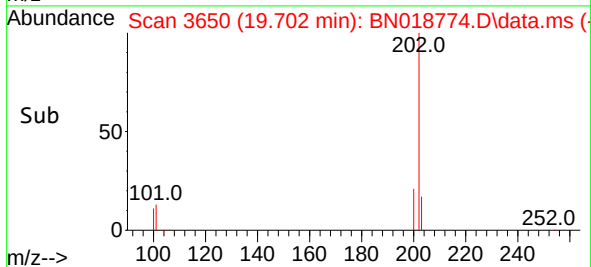
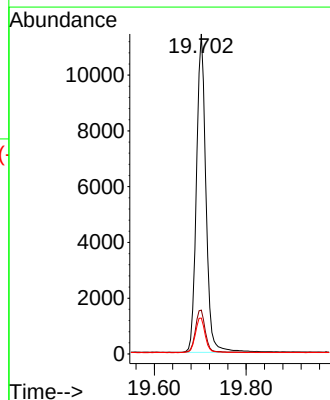
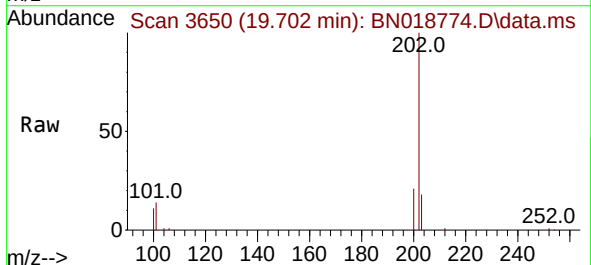
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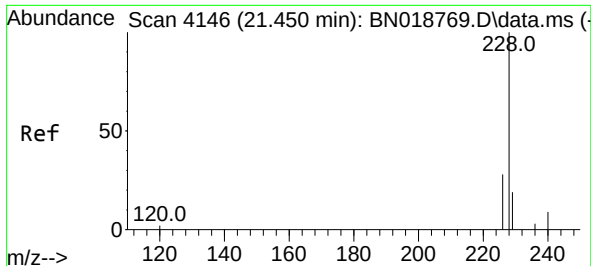
Tgt Ion:202 Resp: 16216
Ion Ratio Lower Upper
202 100
101 11.8 7.5 11.3#
100 8.9 5.4 8.2#



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.702 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:202 Resp: 16397
Ion Ratio Lower Upper
202 100
101 13.7 9.0 13.4#
100 11.2 7.0 10.4#

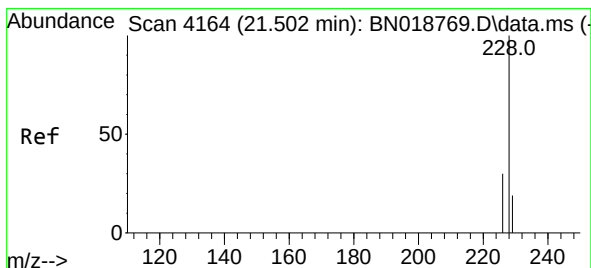
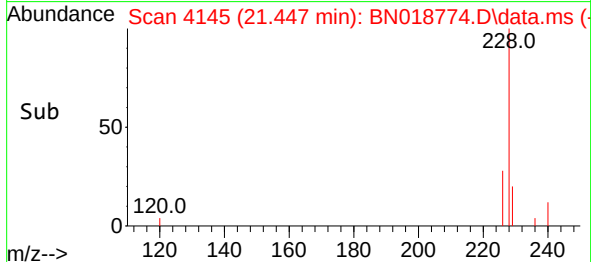
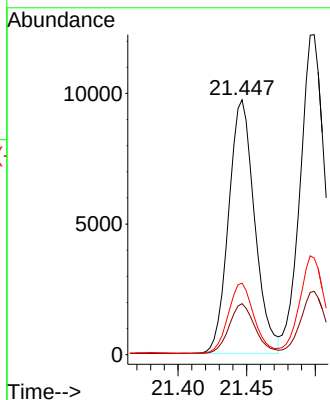
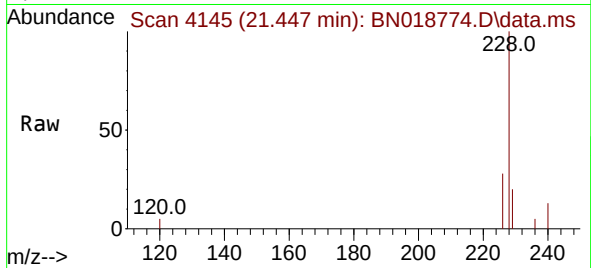




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.447 min Scan# 4146
Delta R.T. -0.005 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

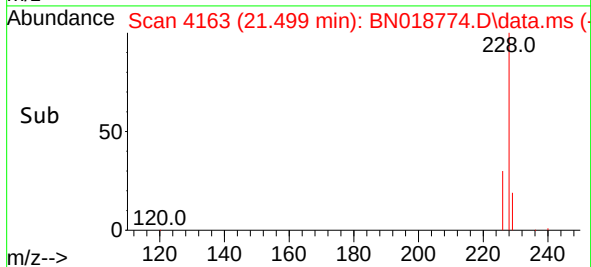
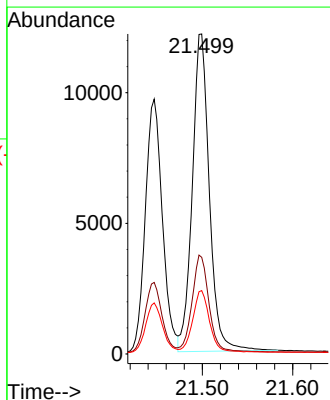
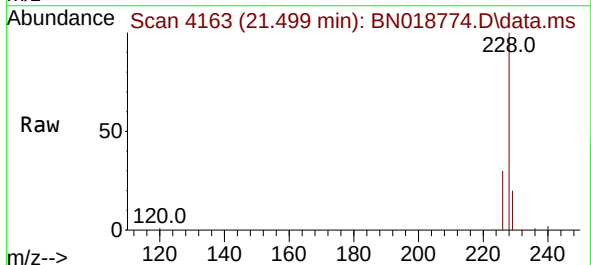
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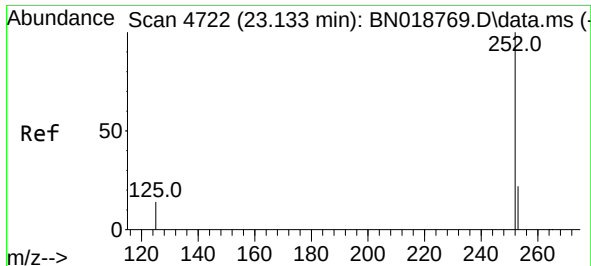
Tgt Ion:228 Resp: 12798
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.005 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:228 Resp: 15901
Ion Ratio Lower Upper
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226 30.2 24.2 36.4
229 19.8 15.7 23.5

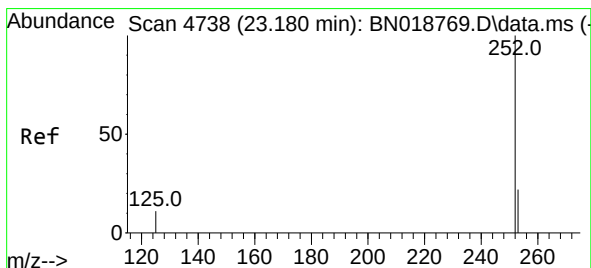
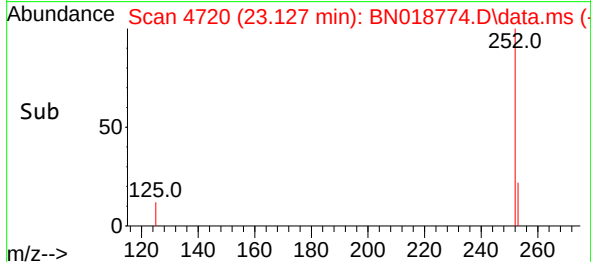
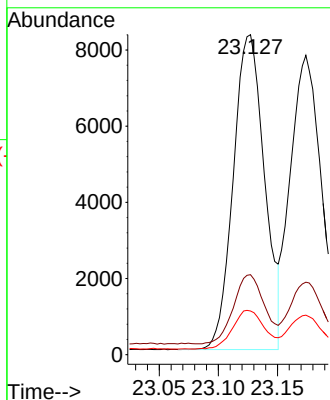
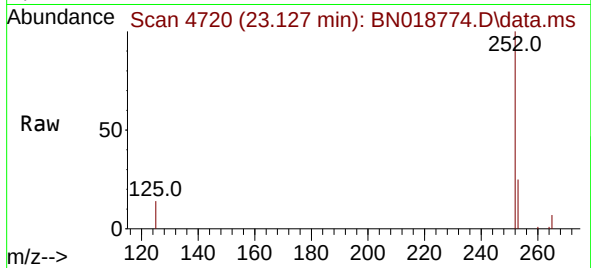




#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.127 min Scan# 4720
Delta R.T. -0.008 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

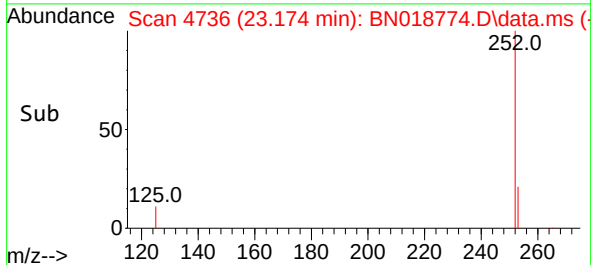
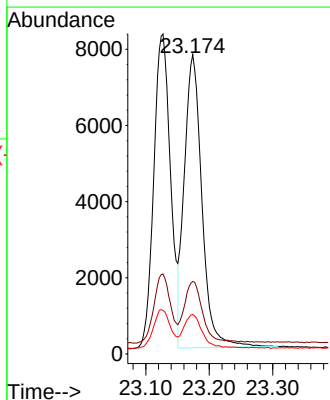
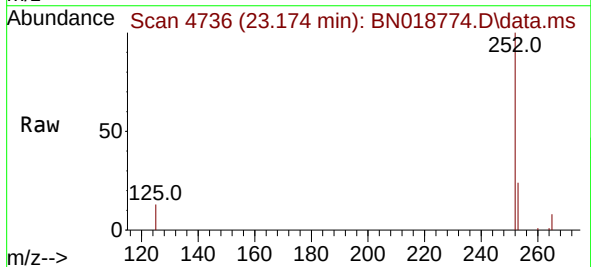
Instrument :
BNA_N
ClientSampleId :
SLCS909

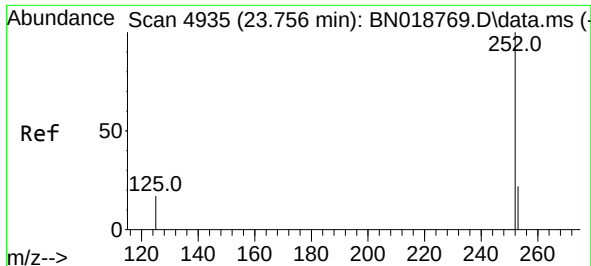
Tgt Ion:252 Resp: 15208
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.4
125 13.7 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.432 ng/ul
RT: 23.174 min Scan# 4736
Delta R.T. -0.008 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:252 Resp: 14815
Ion Ratio Lower Upper
252 100
253 24.2 18.6 28.0
125 13.2 7.3 10.9#

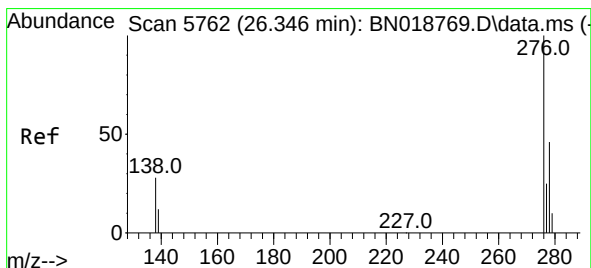
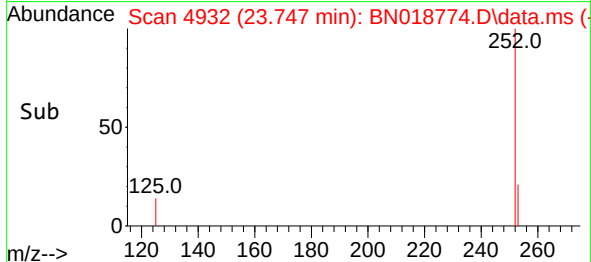
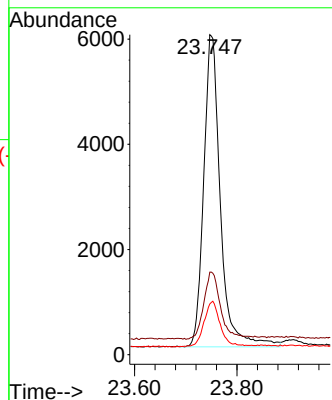
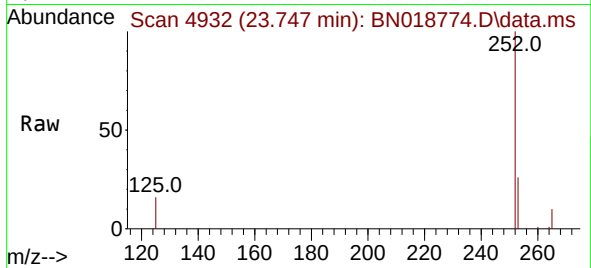




#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.747 min Scan# 4932
Delta R.T. -0.014 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

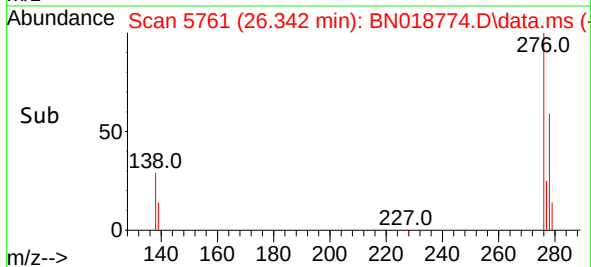
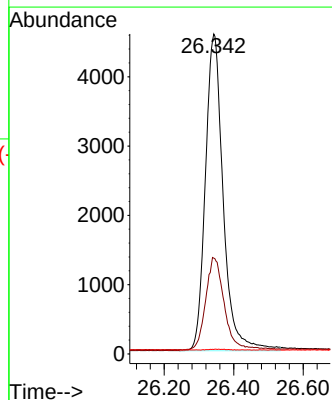
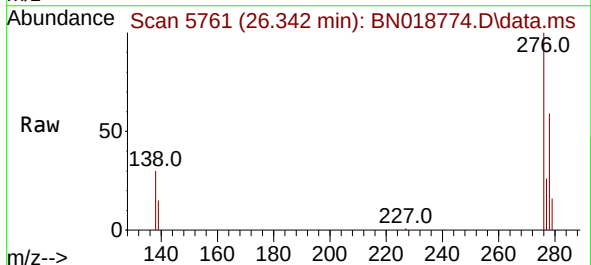
Instrument :
BNA_N
ClientSampleId :
SLCS909

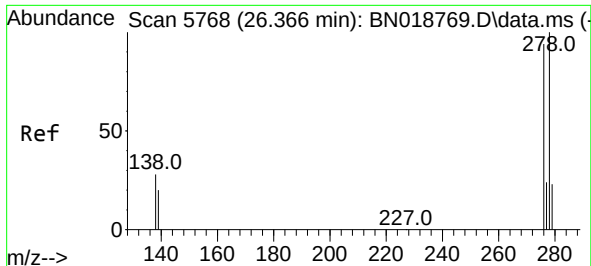
Tgt Ion:252 Resp: 13427
Ion Ratio Lower Upper
252 100
253 25.8 18.9 28.3
125 15.8 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.342 min Scan# 5761
Delta R.T. -0.015 min
Lab File: BN018774.D
Acq: 01 Mar 2022 00:01

Tgt Ion:276 Resp: 16271
Ion Ratio Lower Upper
276 100
138 30.6 16.5 24.7#
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.424 ng/ul

RT: 26.363 min Scan# 51

Delta R.T. -0.012 min

Lab File: BN018774.D

Acq: 01 Mar 2022 00:01

Instrument :

BNA_N

ClientSampleId :

SLCS909

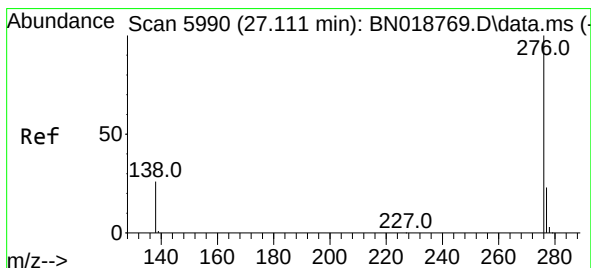
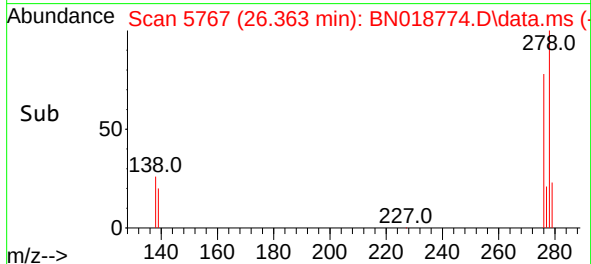
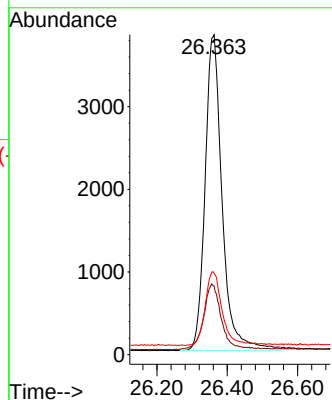
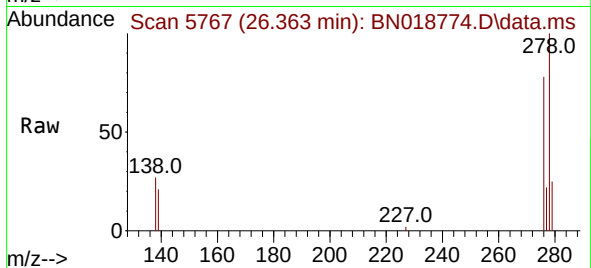
Tgt Ion:278 Resp: 12867

Ion Ratio Lower Upper

278 100

139 21.5 11.9 17.9#

279 25.4 19.5 29.3



#29

Benzo(g,h,i)perylene

Concen: 0.448 ng/ul

RT: 27.100 min Scan# 5987

Delta R.T. -0.022 min

Lab File: BN018774.D

Acq: 01 Mar 2022 00:01

Tgt Ion:276 Resp: 14822

Ion Ratio Lower Upper

276 100

138 26.6 14.4 21.6#

277 23.5 19.2 28.8

