

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015414.D
 Acq On : 08 Jul 2021 18:39
 Operator : CG/JU
 Sample : PB137471BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS471

Quant Time: Jul 09 01:15:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

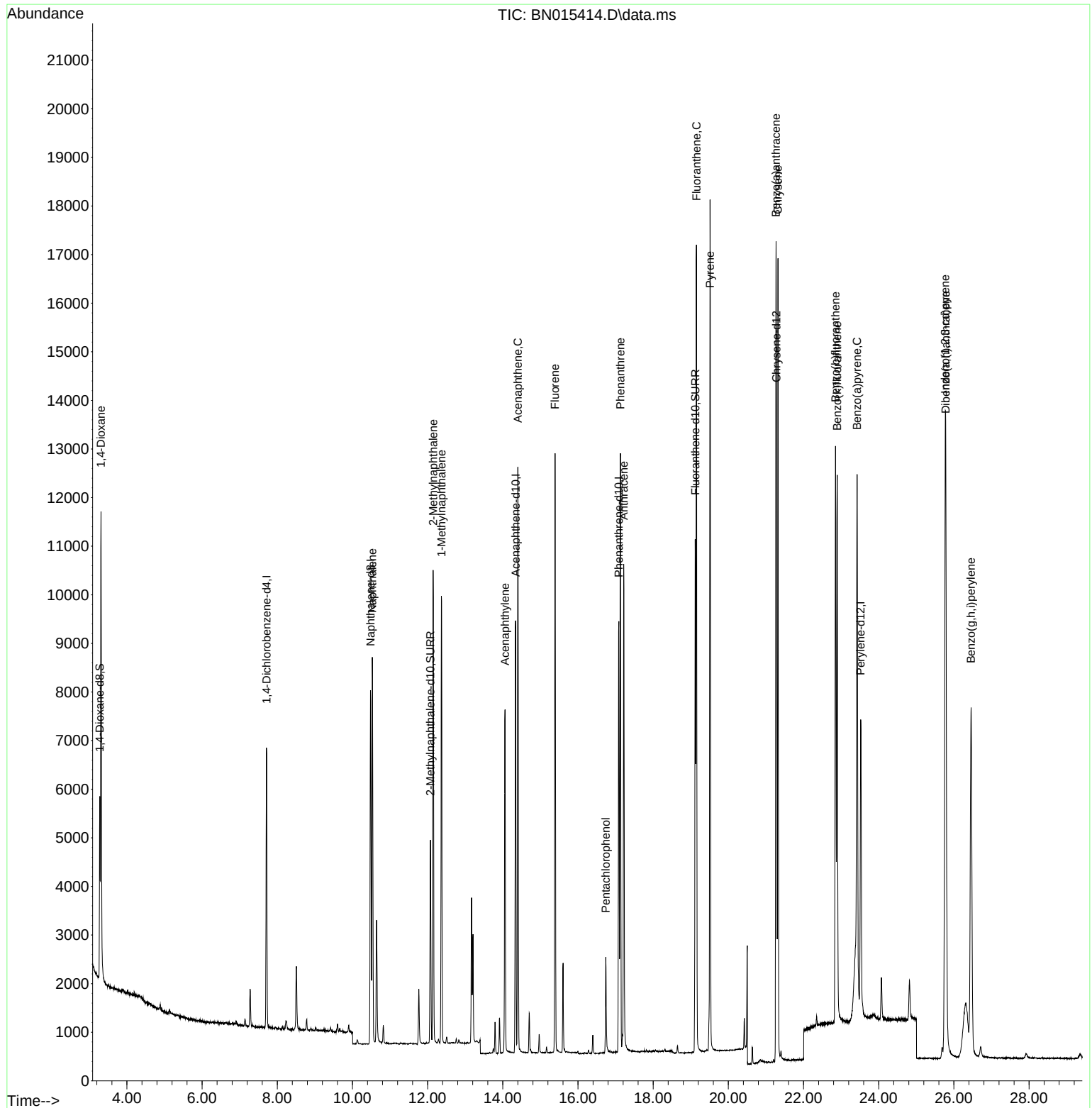
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	9689	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.339	164	4963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	10088	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	8475	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	8059	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	2552	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	5438	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	10857	0.390	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	6536	1.859	ng/ul#	87
5) Naphthalene	10.529	128	10676	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.145	142	6960	0.344	ng/ul	100
8) 1-Methylnaphthalene	12.371	142	6473	0.331	ng/ul	99
10) Acenaphthylene	14.057	152	8273	0.322	ng/ul	99
11) Acenaphthene	14.399	153	6861	0.349	ng/ul	99
12) Fluorene	15.389	166	7624	0.351	ng/ul	99
14) Pentachlorophenol	16.739	266	1427	0.639	ng/ul	99
15) Phenanthrene	17.128	178	13103	0.358	ng/ul	99
16) Anthracene	17.216	178	10927	0.338	ng/ul	100
19) Fluoranthene	19.150	202	14206	0.363	ng/ul	99
20) Pyrene	19.512	202	14384	0.366	ng/ul	99
21) Benzo(a)anthracene	21.266	228	12794	0.408	ng/ul	99
22) Chrysene	21.319	228	13997	0.372	ng/ul	99
24) Benzo(b)fluoranthene	22.850	252	13836	0.367	ng/ul	95
25) Benzo(k)fluoranthene	22.894	252	14485	0.341	ng/ul	98
26) Benzo(a)pyrene	23.423	252	13117	0.415	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.770	276	15546	0.407	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.783	278	12397	0.414	ng/ul	99
29) Benzo(g,h,i)perylene	26.457	276	14223	0.402	ng/ul	98

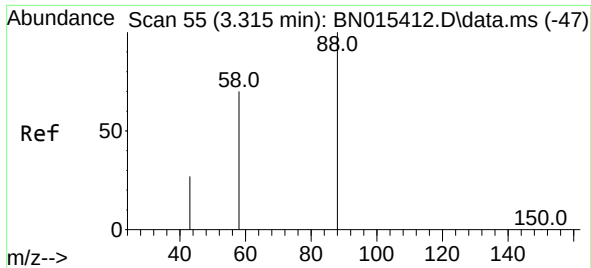
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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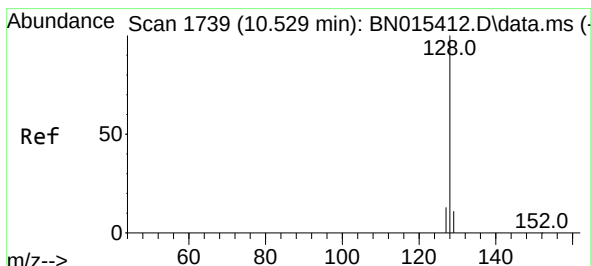
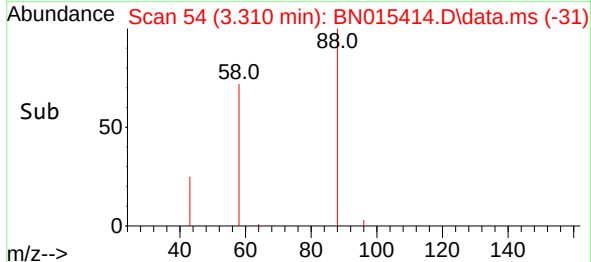
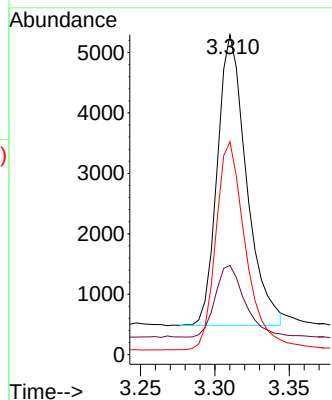
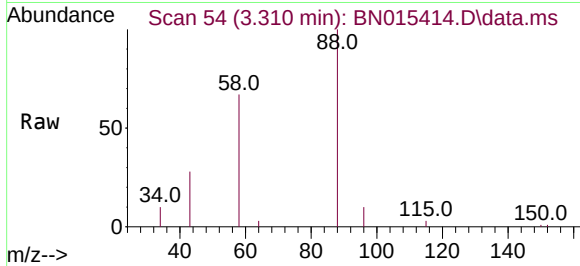




#2
 1,4-Dioxane
 Concen: 1.859 ng/ul
 RT: 3.310 min Scan# 54
 Delta R.T. -0.004 min
 Lab File: BN015414.D
 Acq: 08 Jul 2021 18:39

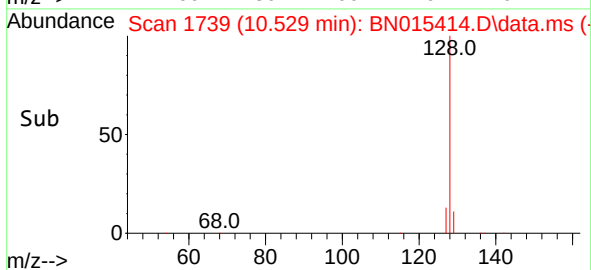
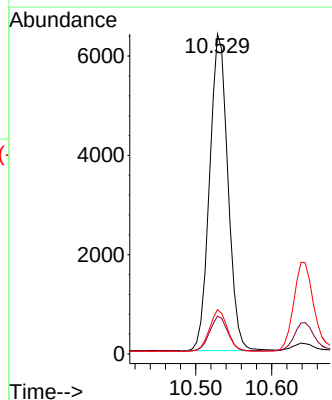
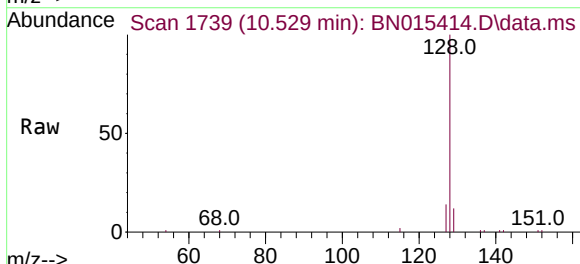
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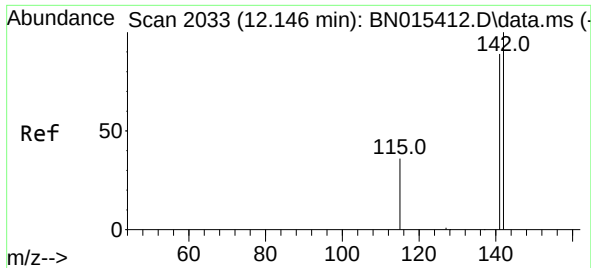
Tgt Ion: 88	Resp: 6536
Ion Ratio	Lower Upper
88 100	
43 27.9	24.9 37.3
58 66.6	43.4 65.0



#5
 Naphthalene
 Concen: 0.345 ng/ul
 RT: 10.529 min Scan# 1739
 Delta R.T. -0.000 min
 Lab File: BN015414.D
 Acq: 08 Jul 2021 18:39

Tgt Ion: 128	Resp: 10676
Ion Ratio	Lower Upper
128 100	
129 11.8	9.3 13.9
127 13.9	10.8 16.2

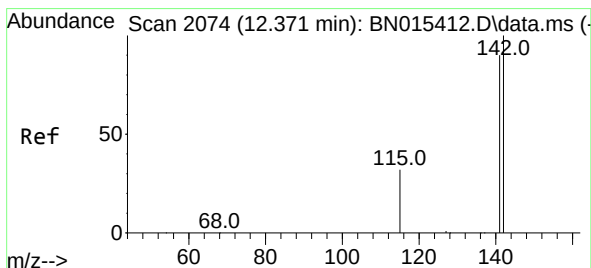
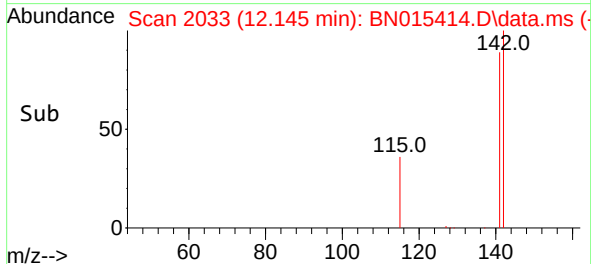
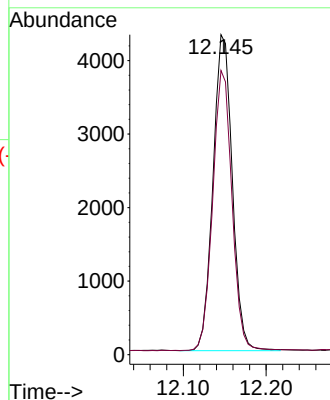
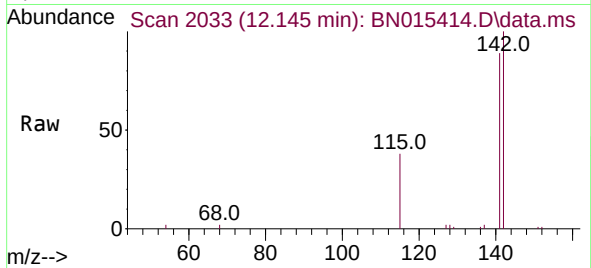




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.145 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

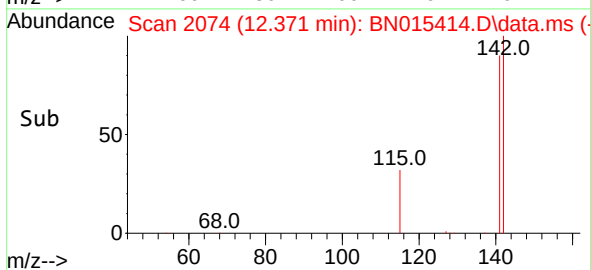
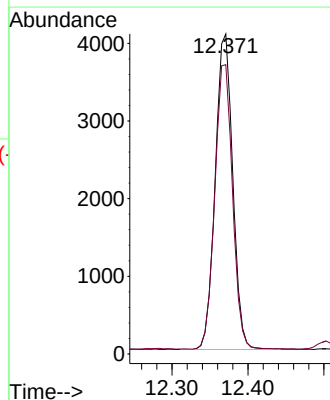
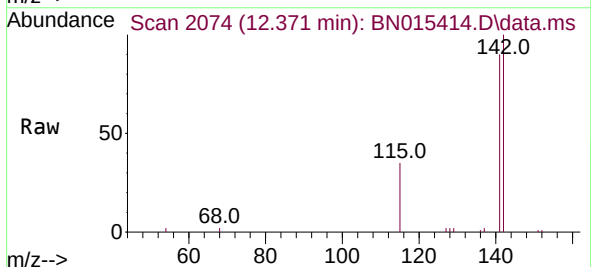
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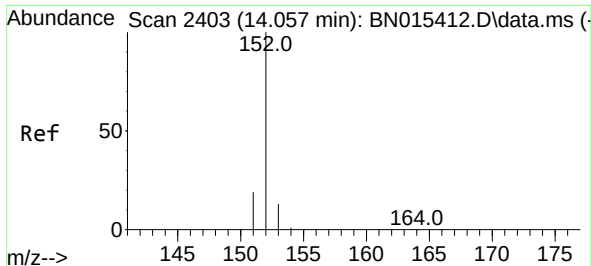
Tgt Ion:142 Resp: 6960
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:142 Resp: 6473
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

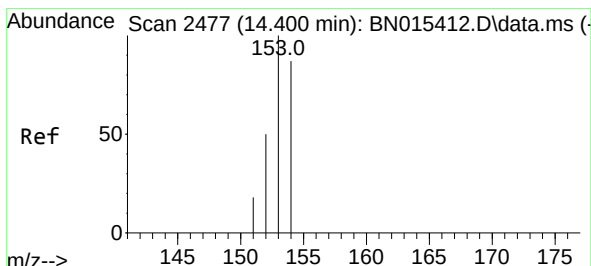
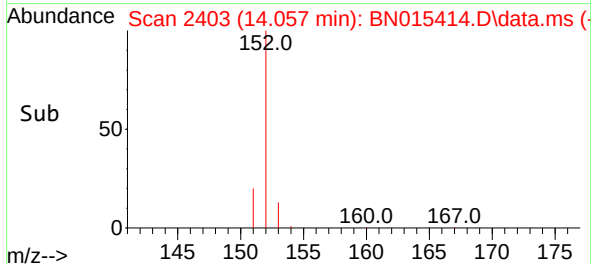
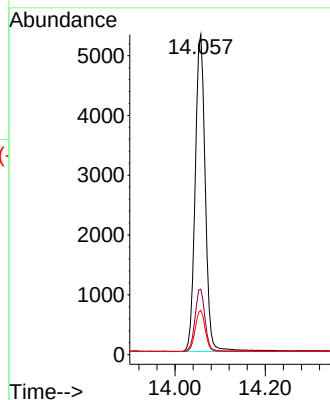
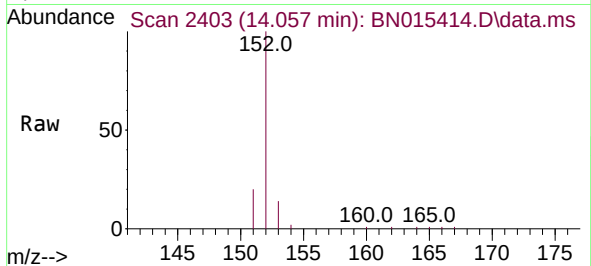




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.057 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

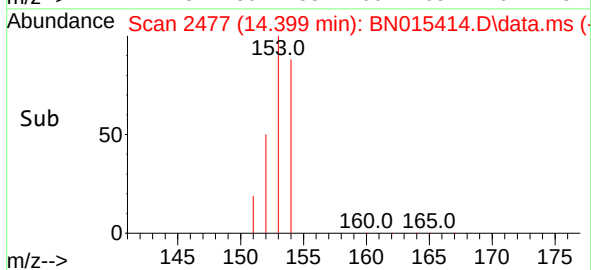
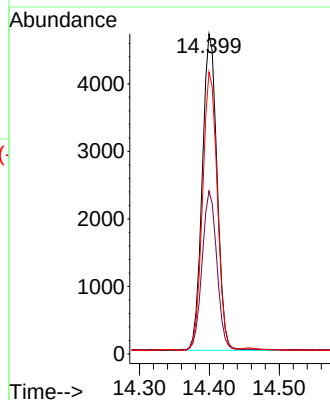
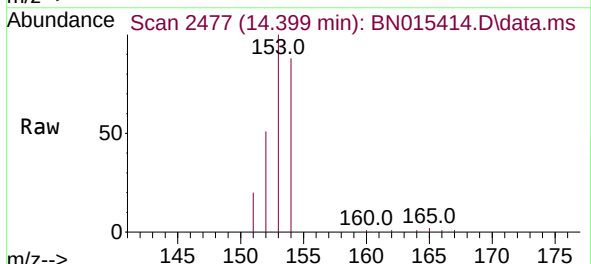
Instrument :
BNA_N
ClientSampleId :
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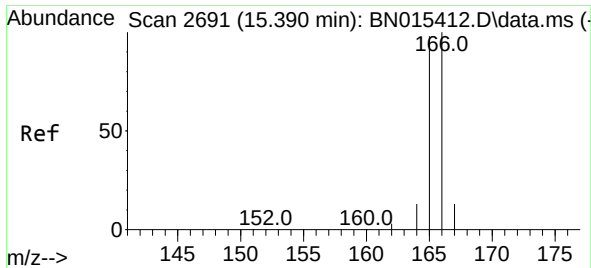
Tgt Ion:152	Resp:	8273
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.0 24.0
153	13.8	10.9 16.3



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.399 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:153	Resp:	6861
Ion Ratio	Lower	Upper
153	100	
152	50.9	39.8 59.6
154	88.1	69.8 104.8

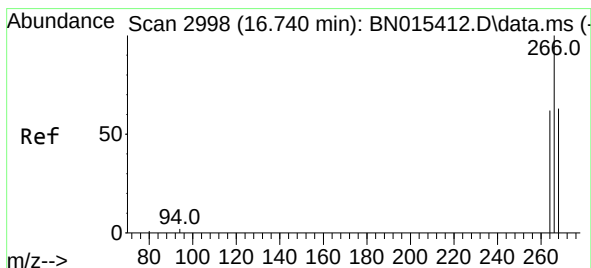
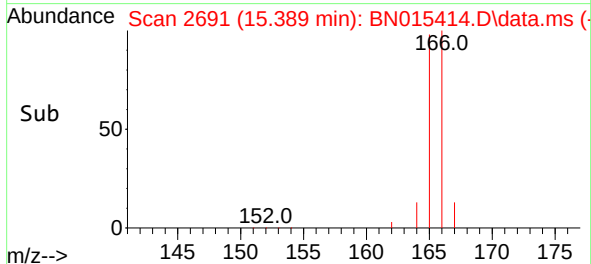
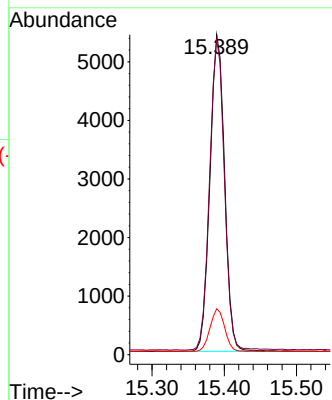
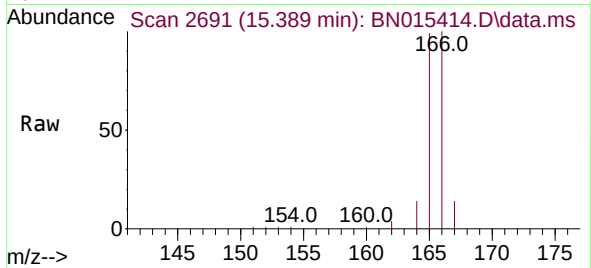




#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.389 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

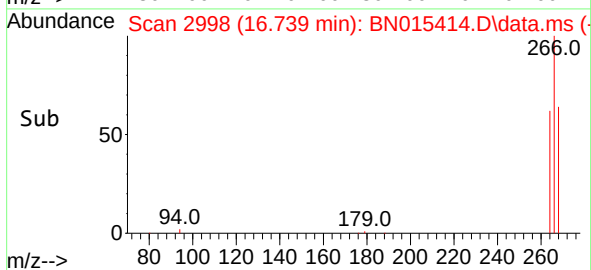
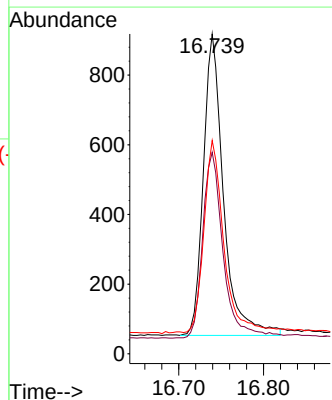
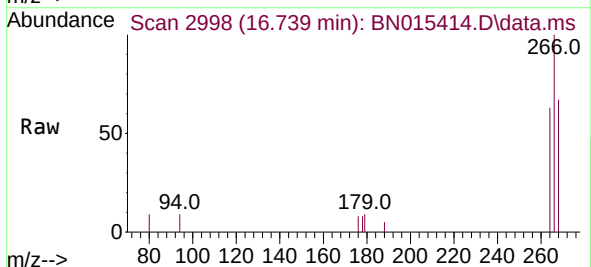
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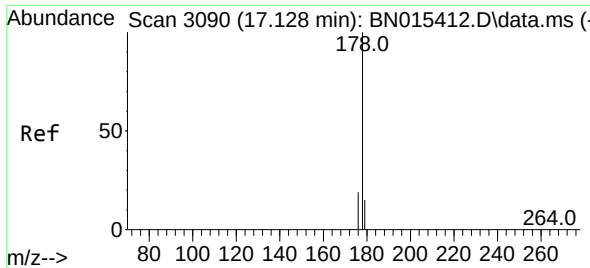
Tgt Ion:	166	Resp:	7624
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	14.4	11.2	16.8



#14
Pentachlorophenol
Concen: 0.639 ng/ul
RT: 16.739 min Scan# 2998
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:	266	Resp:	1427
Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.2	75.2
268	63.8	51.8	77.6

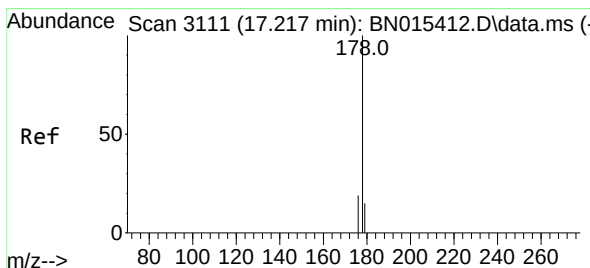
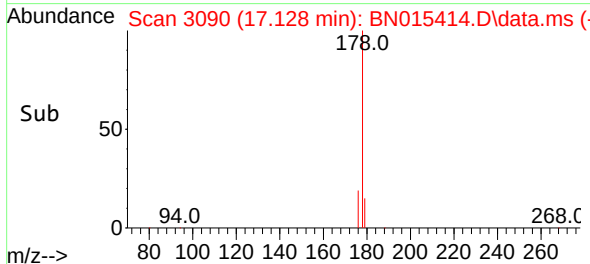
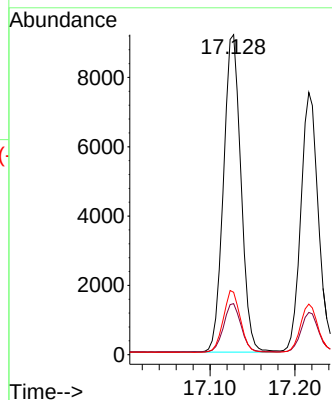
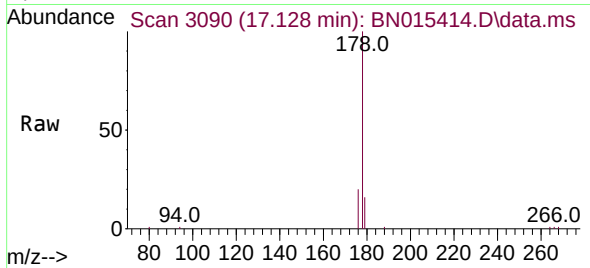




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

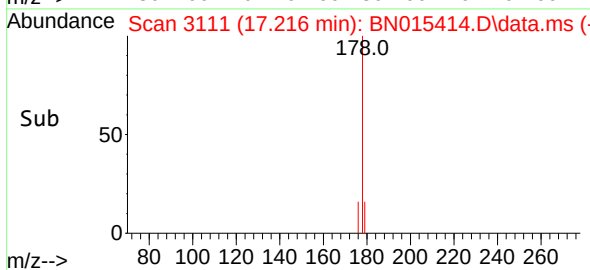
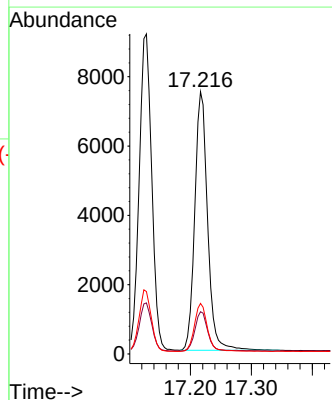
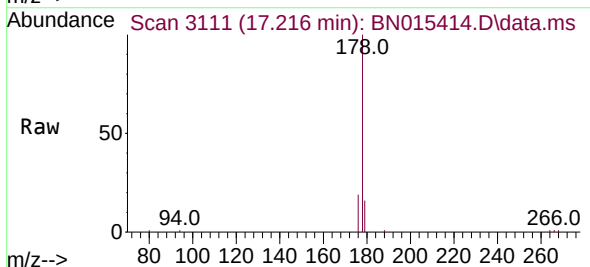
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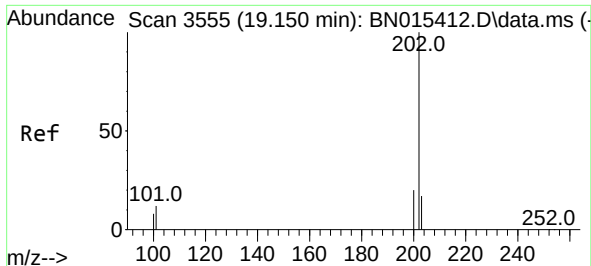
Tgt Ion:178	Resp:	13103
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.3 18.5
176	19.5	15.5 23.3



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.216 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:178	Resp:	10927
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.8 19.2
176	19.3	15.2 22.8

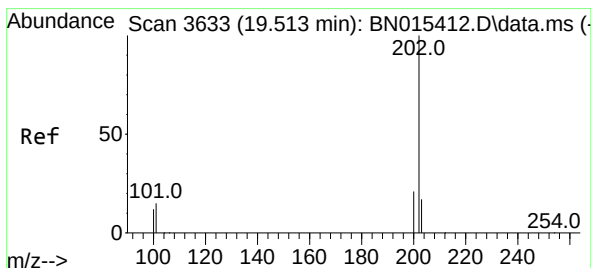
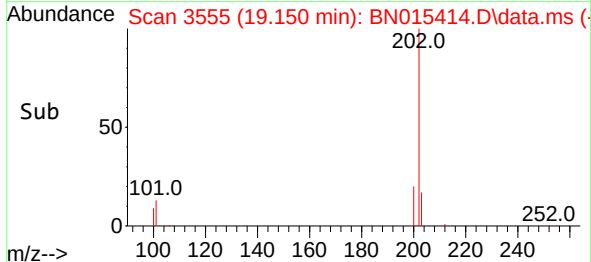
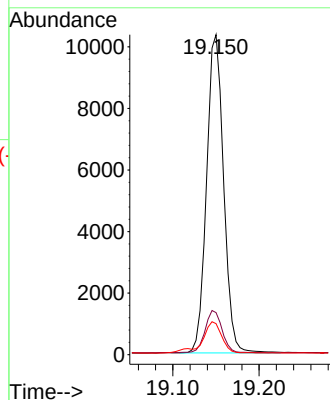
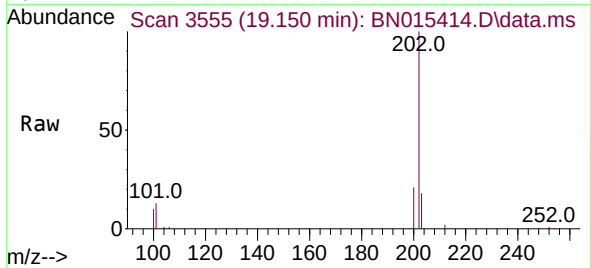




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

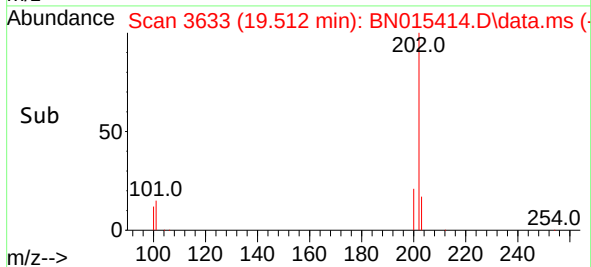
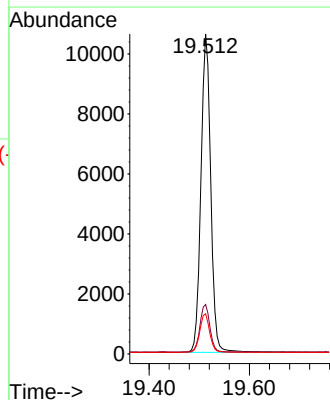
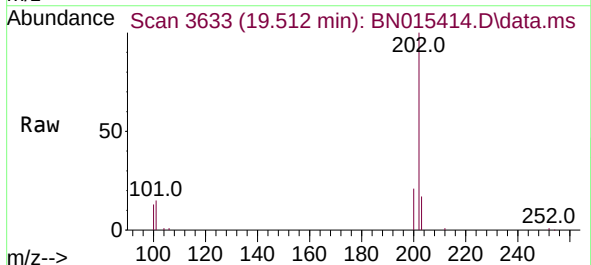
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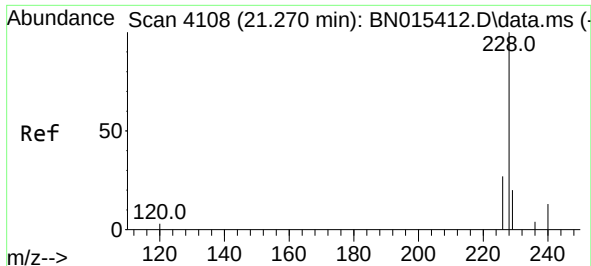
Tgt Ion:202	Resp:	14206
Ion Ratio	Lower	Upper
202	100	
101	13.1	10.1 15.1
100	9.7	7.4 11.0



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:202	Resp:	14384
Ion Ratio	Lower	Upper
202	100	
101	15.4	12.0 18.0
100	12.5	9.6 14.4

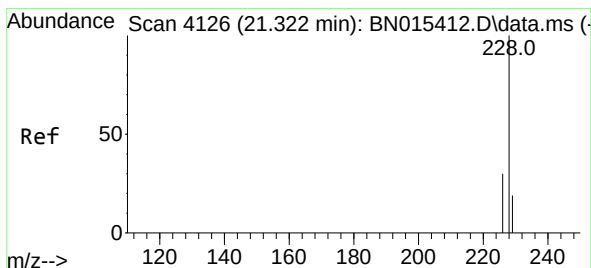
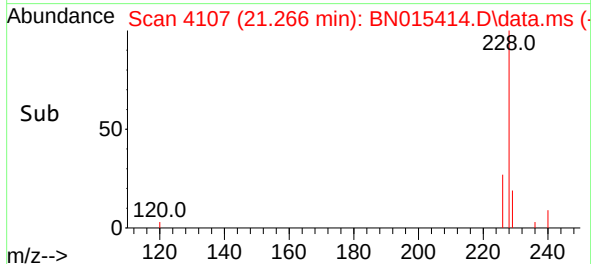
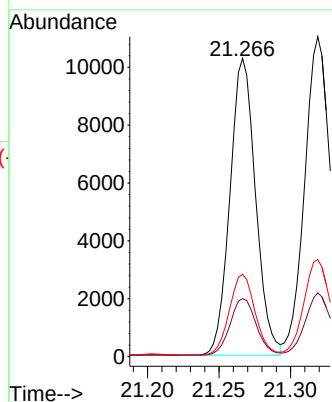
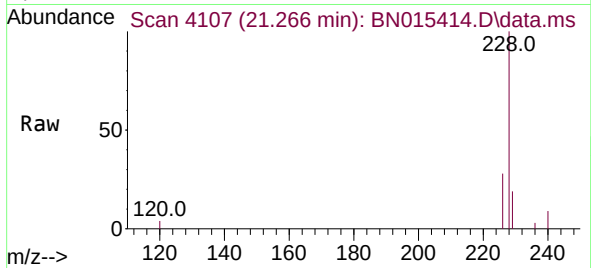




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

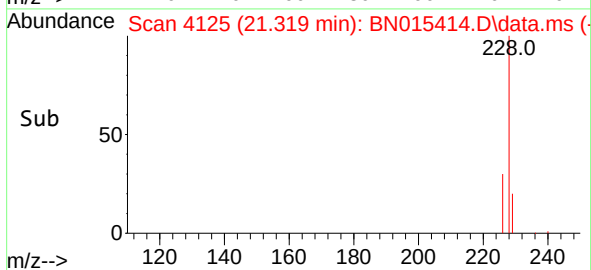
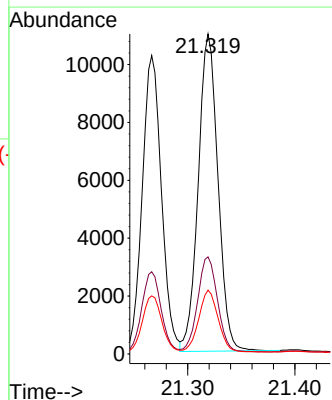
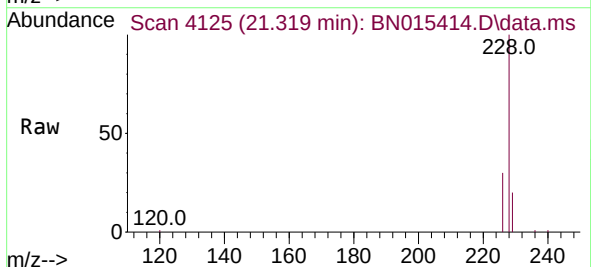
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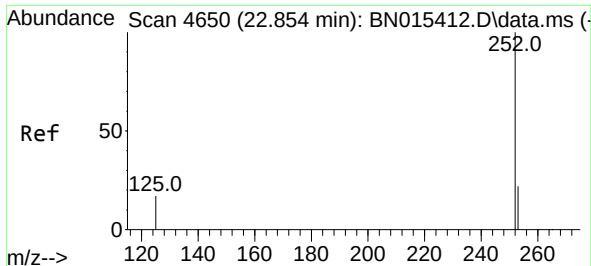
Tgt Ion:228	Resp:	12794
Ion Ratio	Lower	Upper
228	100	
229	19.5	15.8 23.8
226	27.5	21.8 32.8



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:228	Resp:	13997
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.6 37.0
229	19.9	15.7 23.5

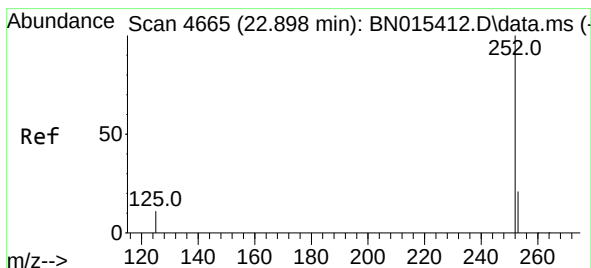
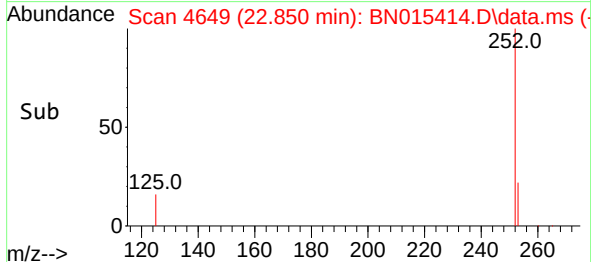
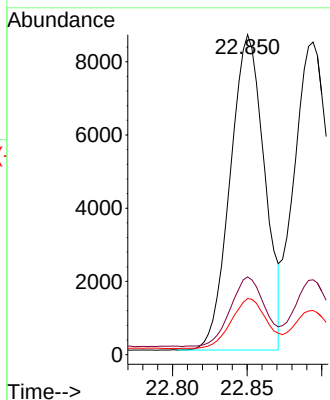
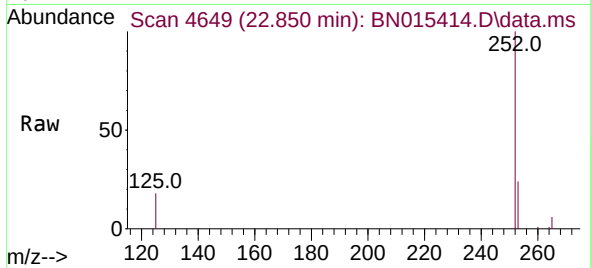




#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.850 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

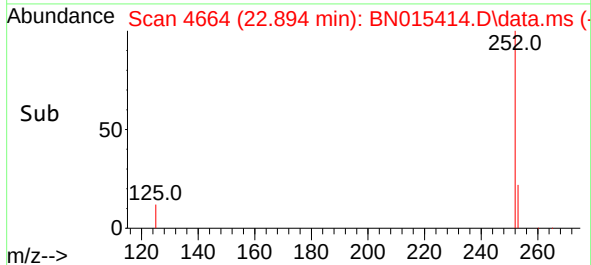
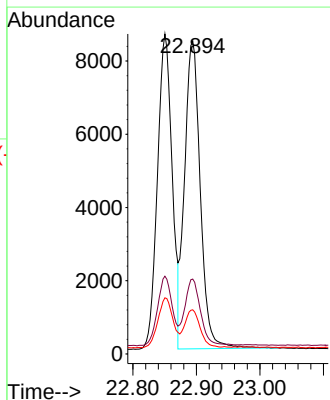
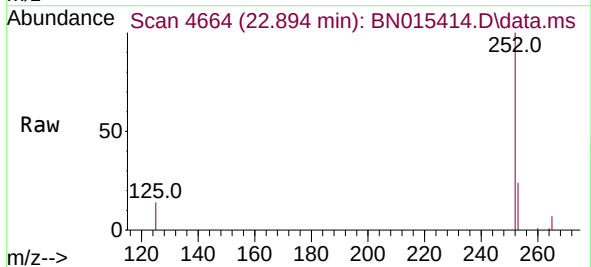
Instrument :
BNA_N
ClientSampleId :
SLCS471

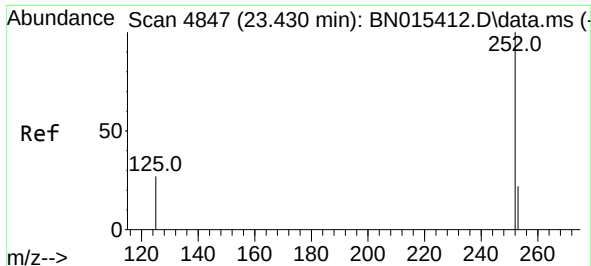
Tgt Ion:252 Resp: 13836
Ion Ratio Lower Upper
252 100
253 24.3 0.0 45.6
125 17.6 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 22.894 min Scan# 4664
Delta R.T. -0.006 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:252 Resp: 14485
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 14.1 11.5 17.3

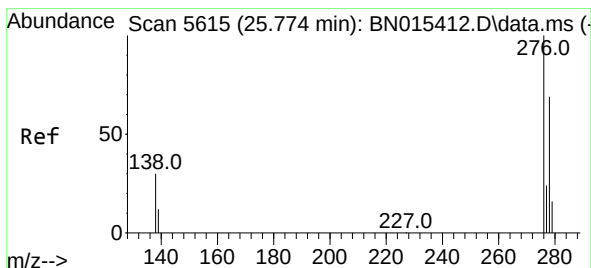
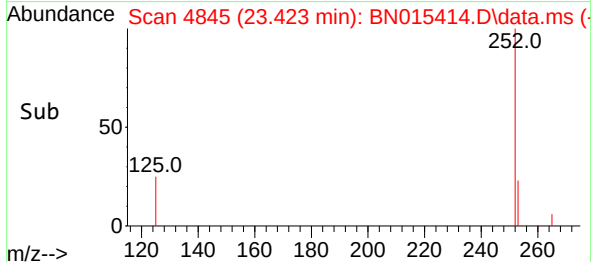
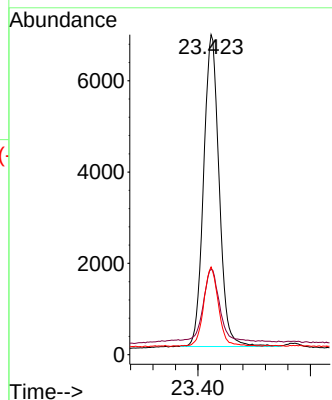
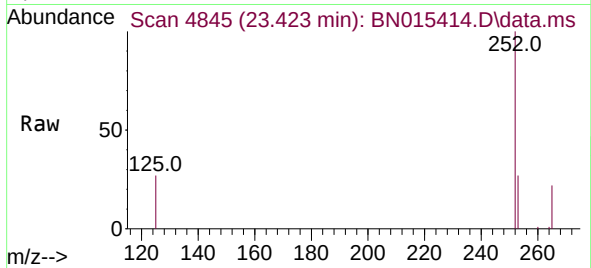




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

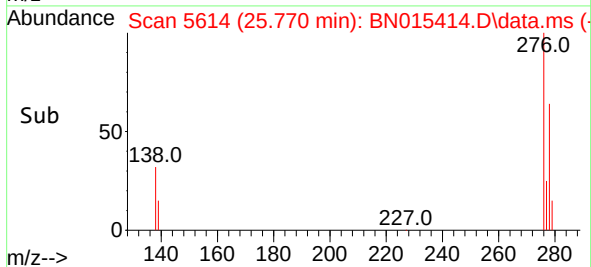
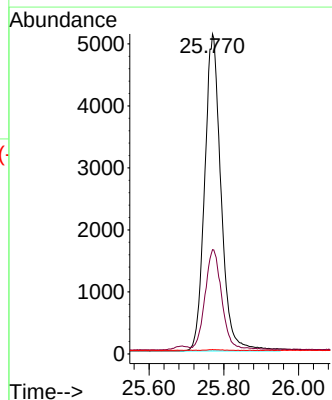
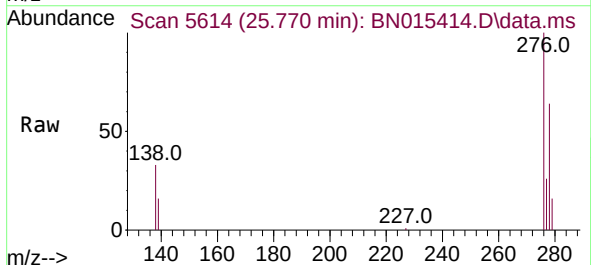
Instrument :
BNA_N
ClientSampleId :
SLCS471

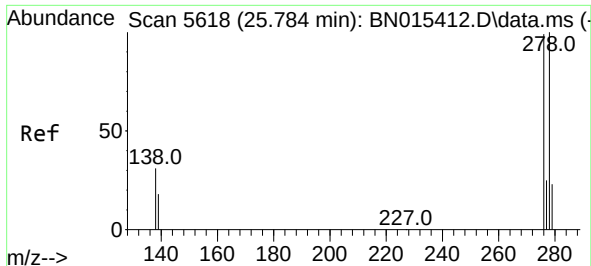
Tgt Ion:252 Resp: 13117
Ion Ratio Lower Upper
252 100
253 26.7 18.9 28.3
125 27.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BN015414.D
Acq: 08 Jul 2021 18:39

Tgt Ion:276 Resp: 15546
Ion Ratio Lower Upper
276 100
138 32.2 26.3 39.5
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.414 ng/ul

RT: 25.783 min Scan# 5618

Delta R.T. -0.006 min

Lab File: BN015414.D

Acq: 08 Jul 2021 18:39

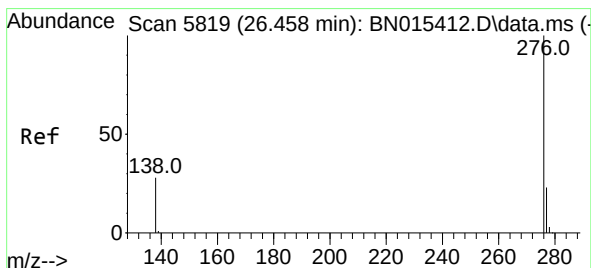
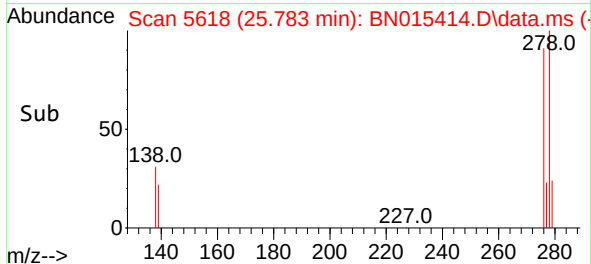
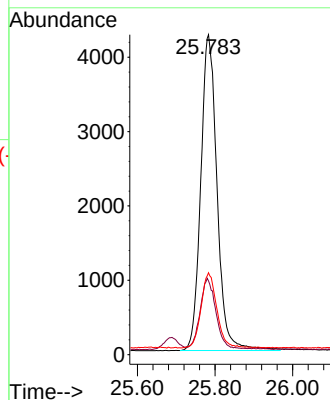
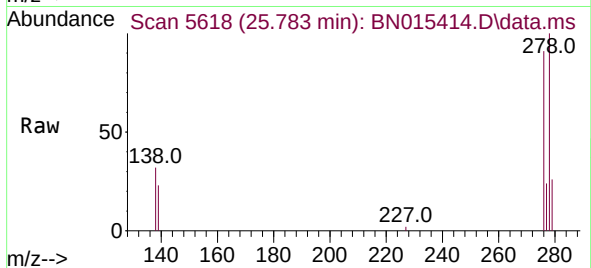
Instrument :

BNA_N

ClientSampleId :

SLCS471

Tgt Ion:	278	Resp:	12397
Ion Ratio	Lower	Upper	
278	100		
139	23.1	18.9	28.3
279	25.6	20.8	31.2



#29

Benzo(g,h,i)perylene

Concen: 0.402 ng/ul

RT: 26.457 min Scan# 5819

Delta R.T. -0.006 min

Lab File: BN015414.D

Acq: 08 Jul 2021 18:39

Tgt Ion:	276	Resp:	14223
Ion Ratio	Lower	Upper	
276	100		
138	29.0	23.0	34.4
277	25.5	19.3	28.9

