

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015416.D
 Acq On : 08 Jul 2021 19:51
 Operator : CG/JU
 Sample : PB137474BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS474

Quant Time: Jul 09 01:15:38 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)

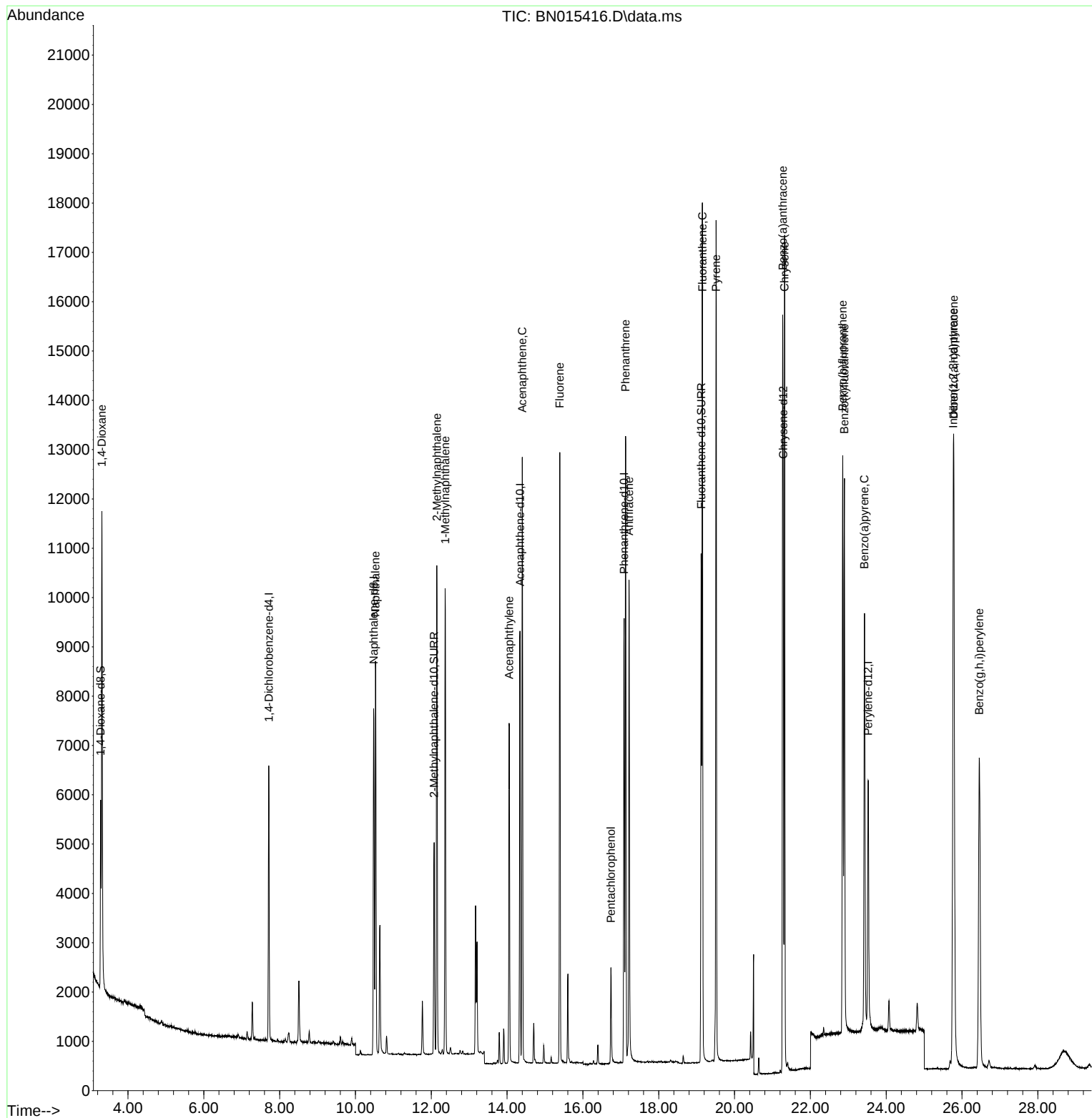
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	2818	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	9375	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.340	164	4850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9853	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	7798	0.400	ng/ul	0.00
23) Perylene-d12	23.523	264	6901	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2624	0.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	5532	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	11037	0.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	6756	1.968	ng/ul#	86
5) Naphthalene	10.529	128	10914	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	7057	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.366	142	6559	0.347	ng/ul	100
10) Acenaphthylene	14.053	152	8161	0.325	ng/ul	99
11) Acenaphthene	14.400	153	6991	0.364	ng/ul	99
12) Fluorene	15.390	166	7786	0.367	ng/ul	100
14) Pentachlorophenol	16.740	266	1449	0.665	ng/ul	99
15) Phenanthrene	17.124	178	13467	0.377	ng/ul	99
16) Anthracene	17.217	178	10995	0.349	ng/ul	100
19) Fluoranthene	19.150	202	14373	0.399	ng/ul	99
20) Pyrene	19.513	202	14429	0.399	ng/ul	98
21) Benzo(a)anthracene	21.270	228	11753	0.407	ng/ul	100
22) Chrysene	21.319	228	13577	0.393	ng/ul	99
24) Benzo(b)fluoranthene	22.854	252	14060	0.436	ng/ul	96
25) Benzo(k)fluoranthene	22.898	252	14250	0.392	ng/ul	98
26) Benzo(a)pyrene	23.427	252	11807	0.436	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.770	276	15095	0.462	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.784	278	12053	0.470	ng/ul	98
29) Benzo(g,h,i)perylene	26.458	276	12832	0.423	ng/ul	99

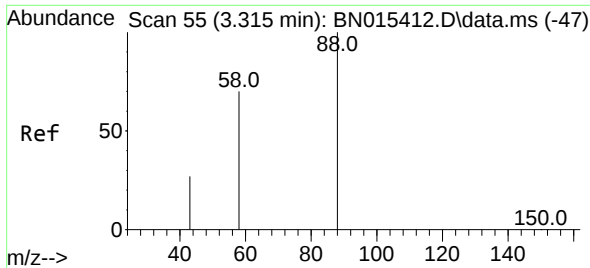
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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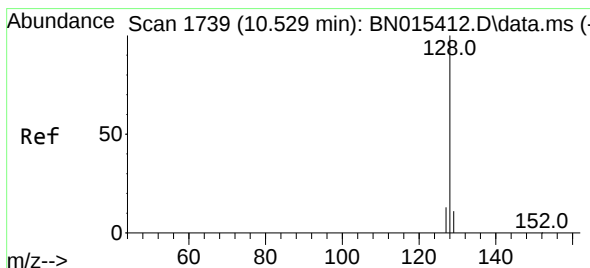
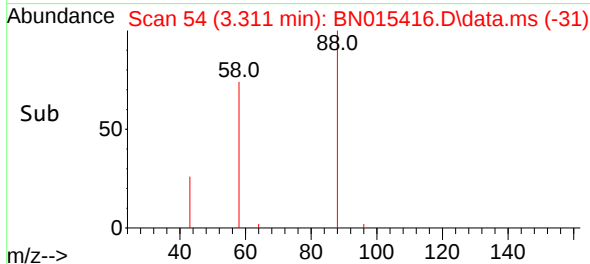
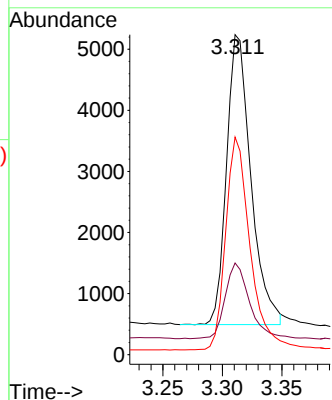
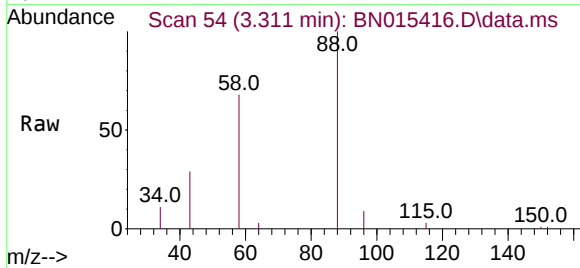




#2
1,4-Dioxane
Concen: 1.968 ng/ul
RT: 3.311 min Scan# 54
Delta R.T. -0.004 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

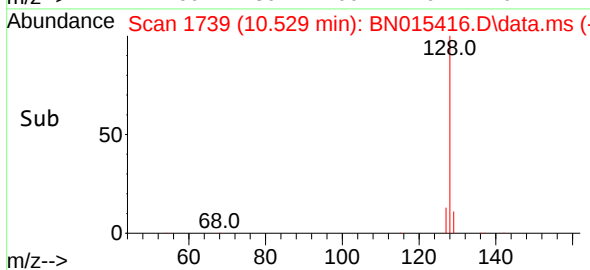
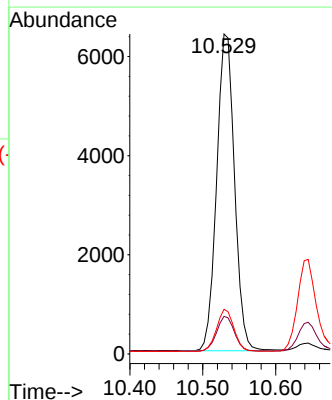
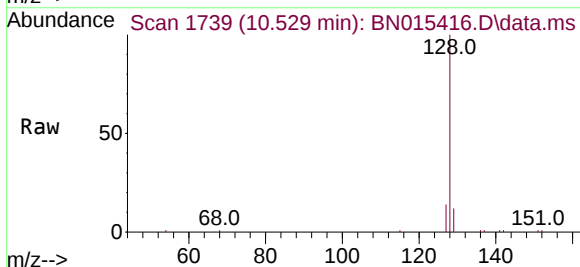
Instrument :
BNA_N
ClientSampleId :
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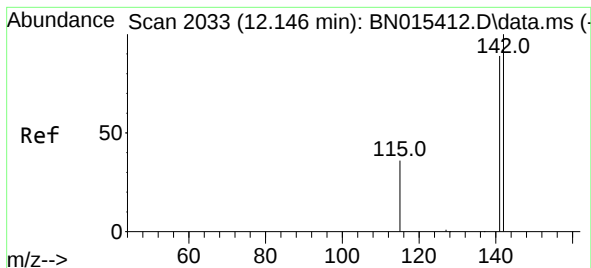
Tgt Ion: 88 Resp: 6756
Ion Ratio Lower Upper
88 100
43 28.7 24.9 37.3
58 68.0 43.4 65.0#



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:128 Resp: 10914
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.0 10.8 16.2

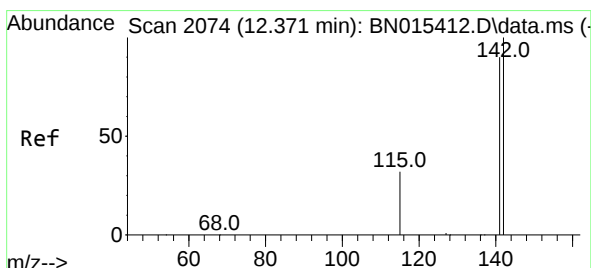
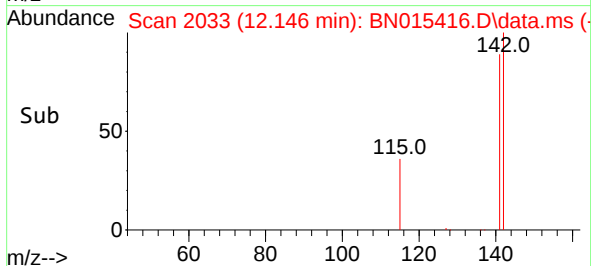
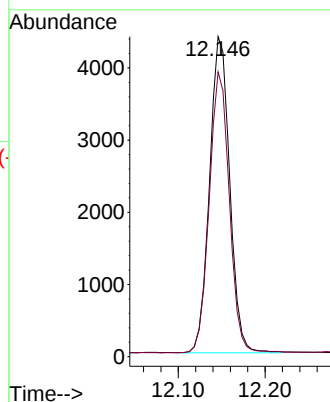
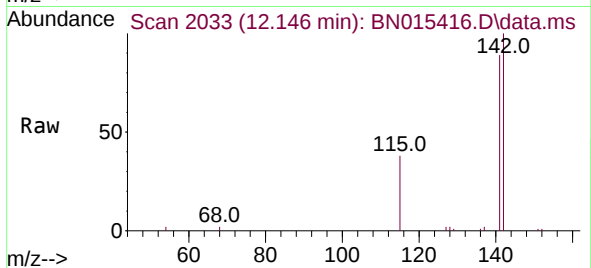




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

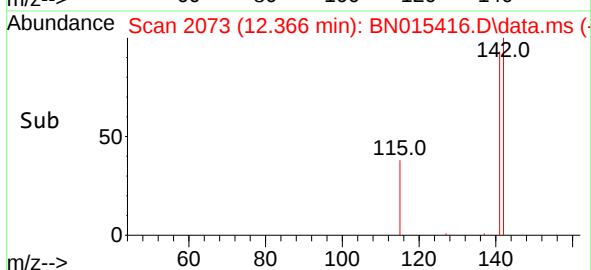
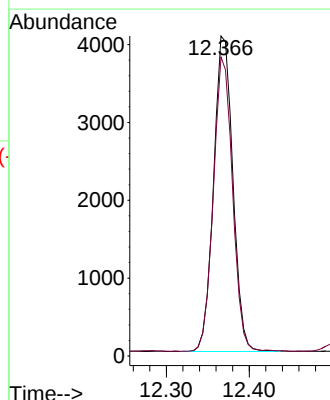
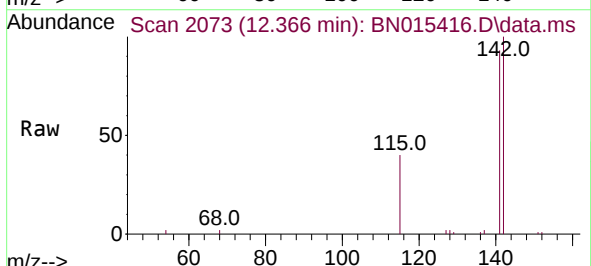
Instrument :
BNA_N
ClientSampleId :
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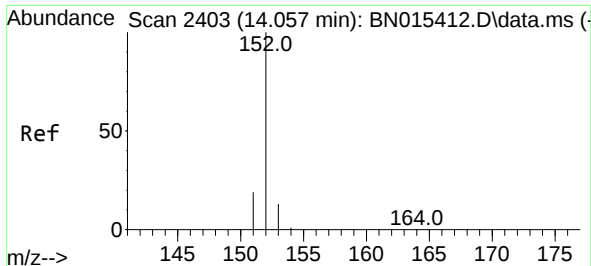
Tgt Ion:142 Resp: 7057
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:142 Resp: 6559
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4

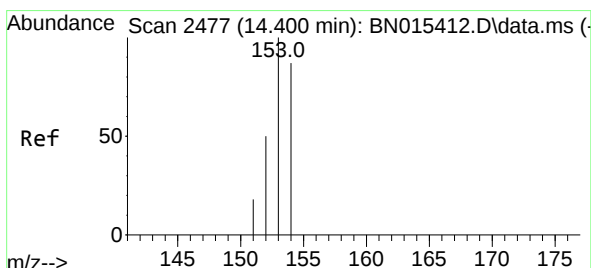
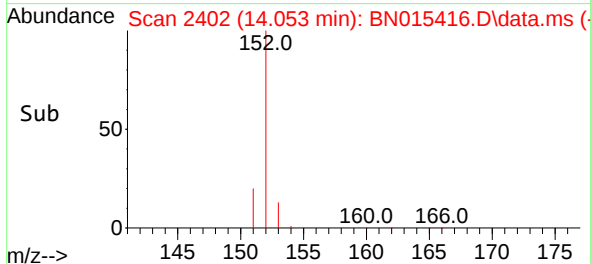
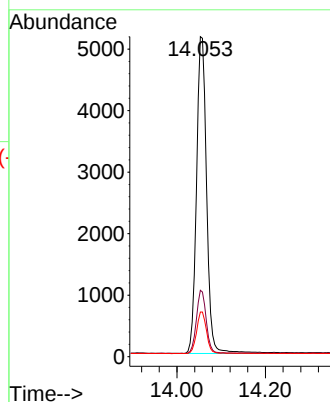
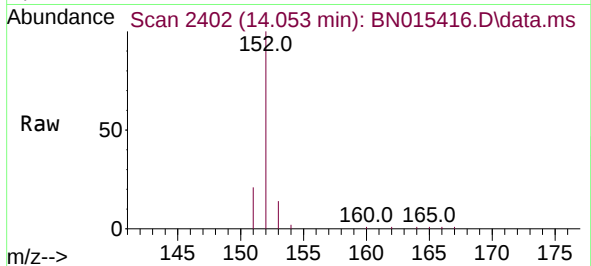




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

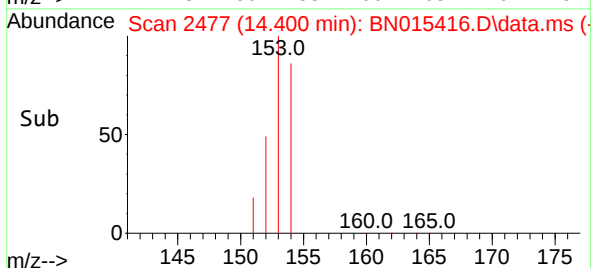
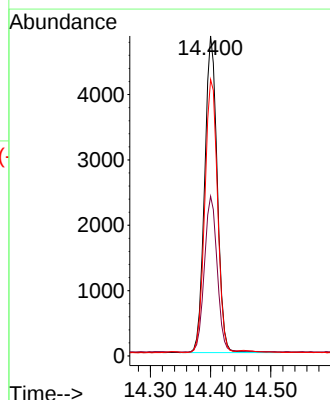
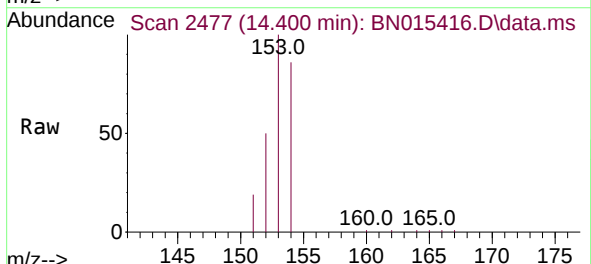
Instrument :
BNA_N
ClientSampleId :
SLCS474

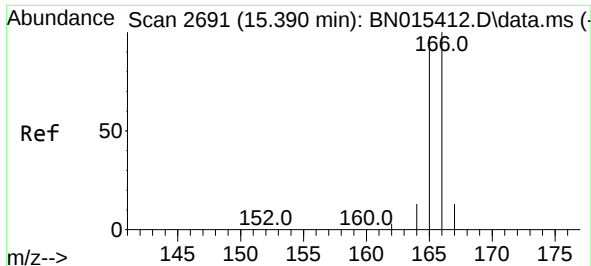
Tgt Ion:152	Resp: 8161
Ion Ratio	Lower Upper
152	100
151	20.8 16.0 24.0
153	14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015416.D
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Tgt Ion:153	Resp: 6991
Ion Ratio	Lower Upper
153	100
152	49.9 39.8 59.6
154	86.4 69.8 104.8

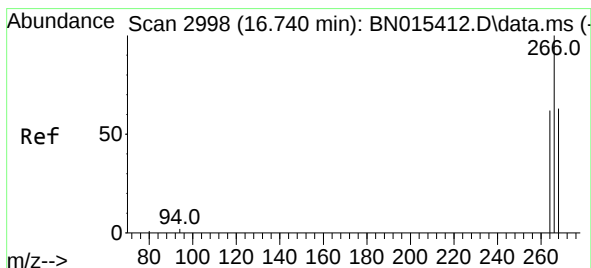
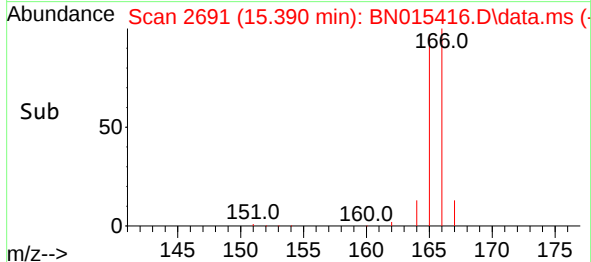
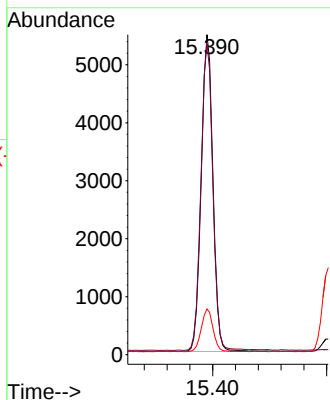
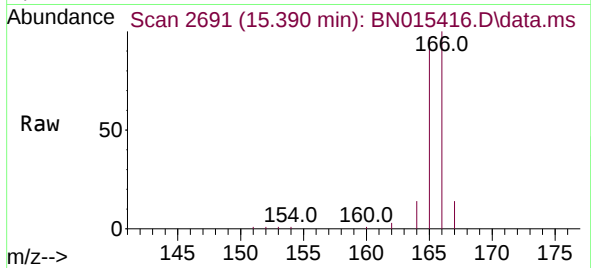




#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

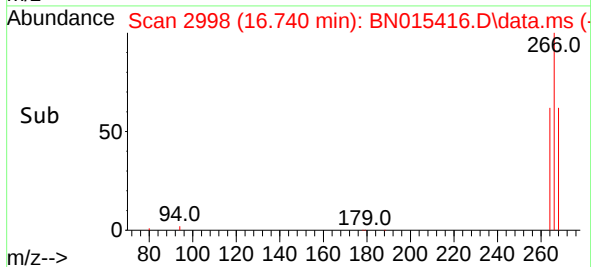
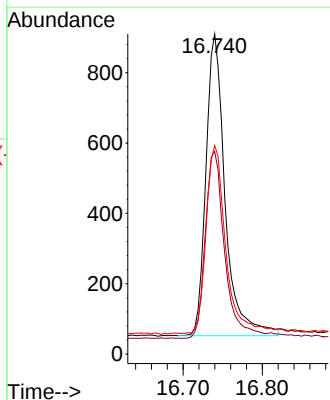
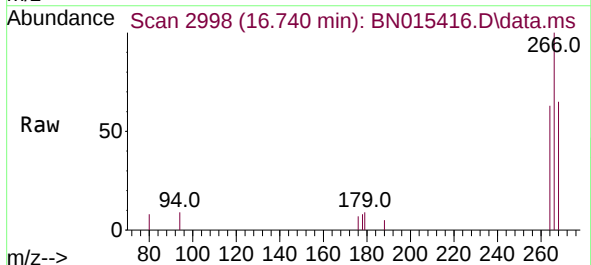
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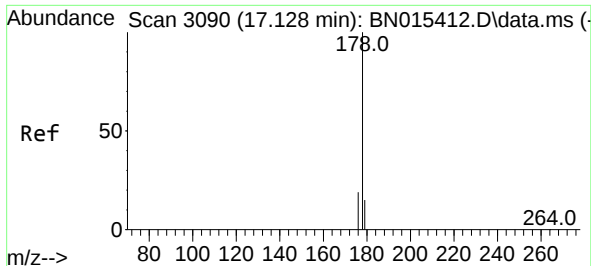
Tgt Ion:	166	Resp:	7786
Ion Ratio	Lower	Upper	
166	100		
165	97.2	77.8	116.8
167	14.3	11.2	16.8



#14
Pentachlorophenol
Concen: 0.665 ng/ul
RT: 16.740 min Scan# 2998
Delta R.T. 0.000 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:	266	Resp:	1449
Ion Ratio	Lower	Upper	
266	100		
264	63.2	50.2	75.2
268	63.6	51.8	77.6

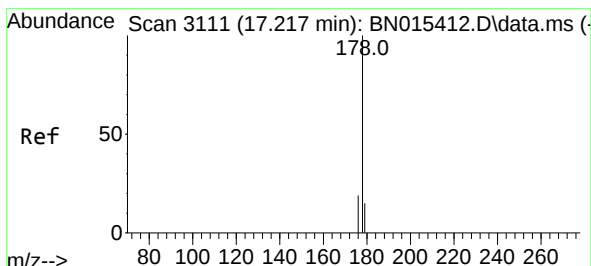
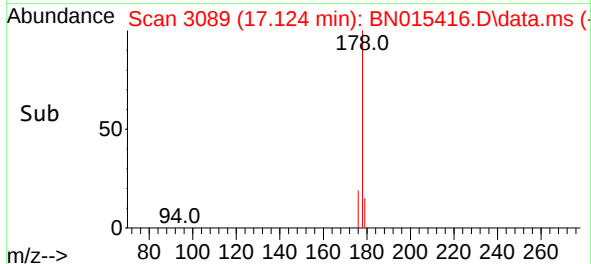
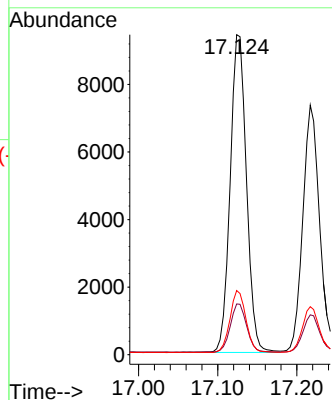
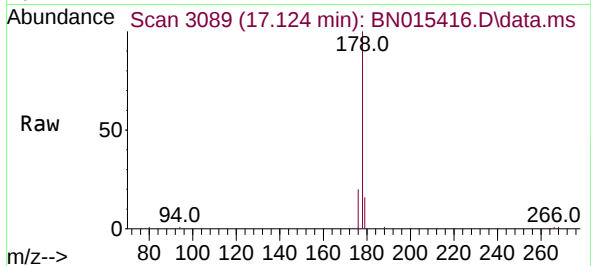




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

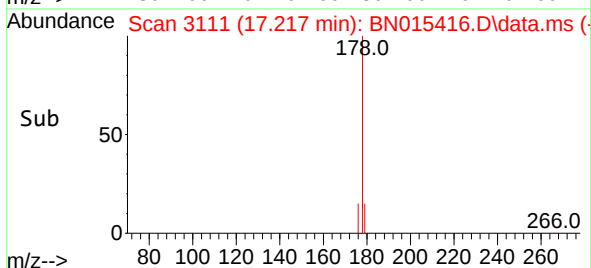
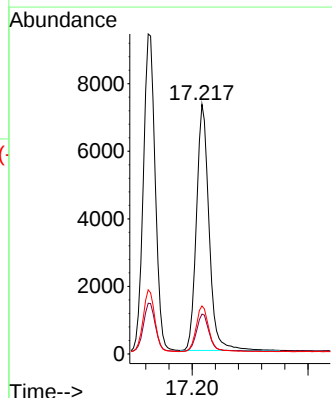
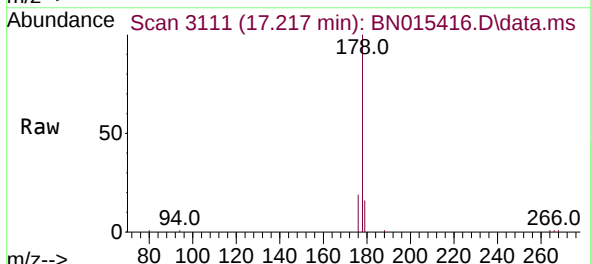
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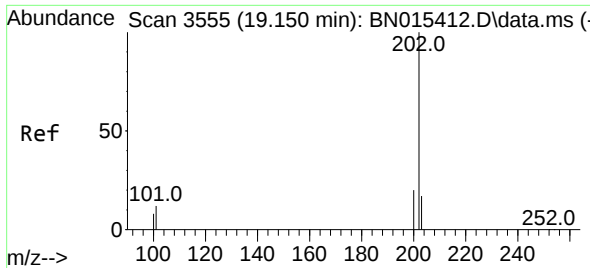
Tgt Ion:178 Resp: 13467
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 20.0 15.5 23.3



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:178 Resp: 10995
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.2 15.2 22.8

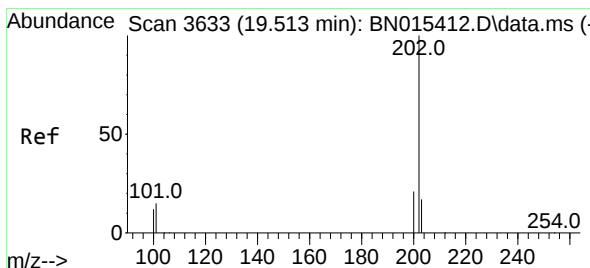
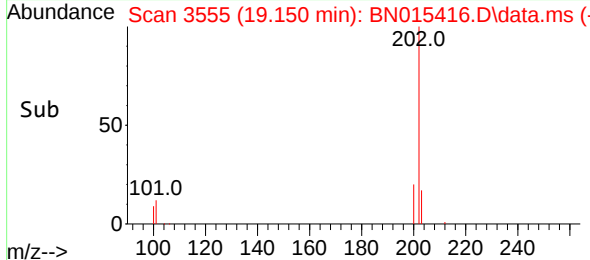
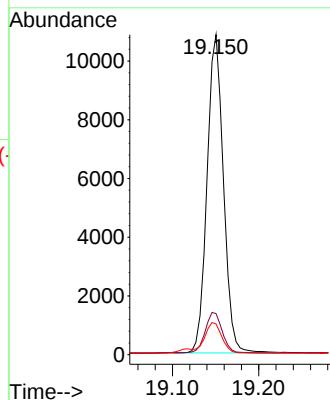
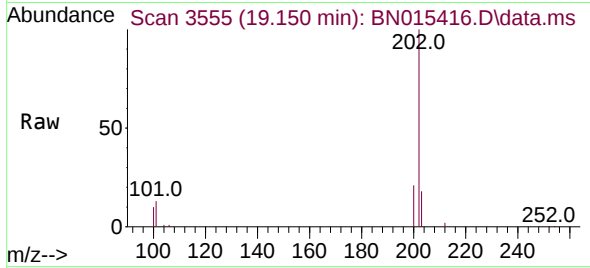




#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

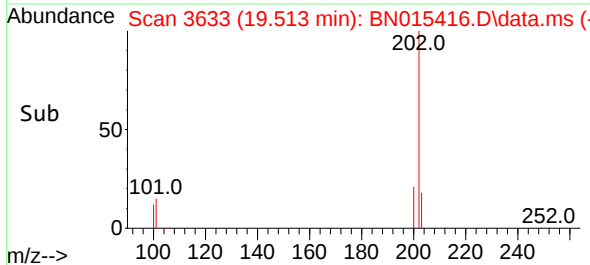
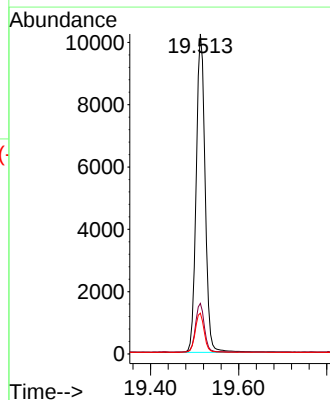
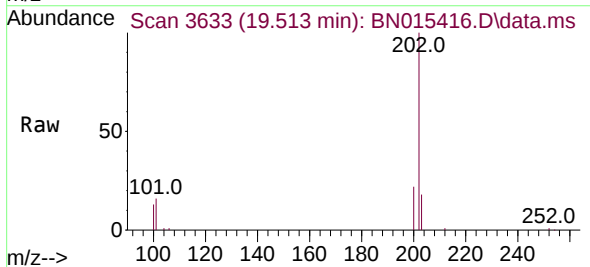
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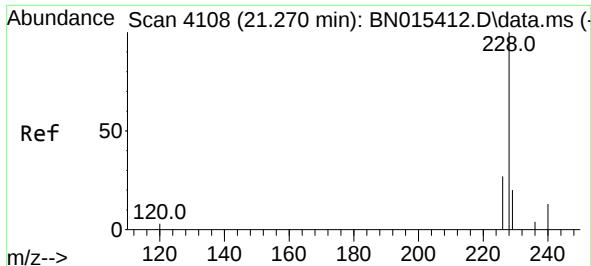
Tgt Ion:	202	Resp:	14373
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.1	15.1
100	9.6	7.4	11.0



#20
Pyrene
Concen: 0.399 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:	202	Resp:	14429
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.0	18.0
100	12.7	9.6	14.4

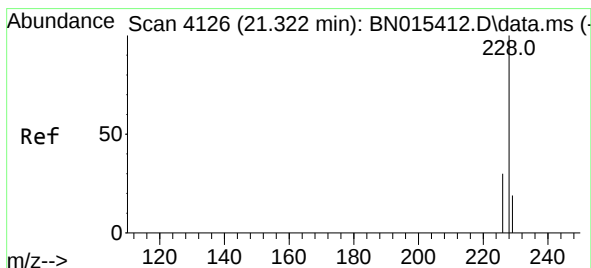
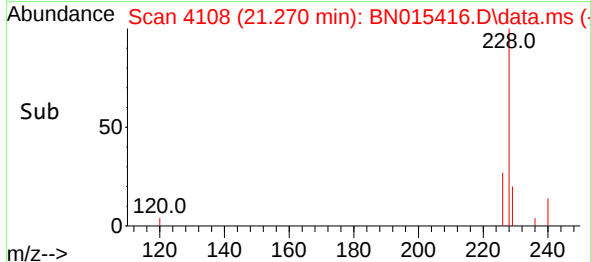
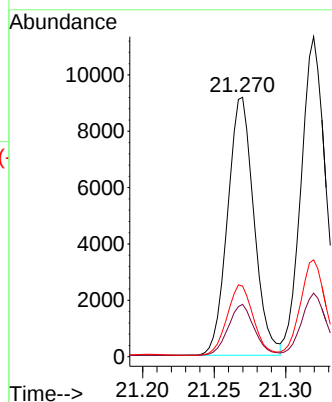
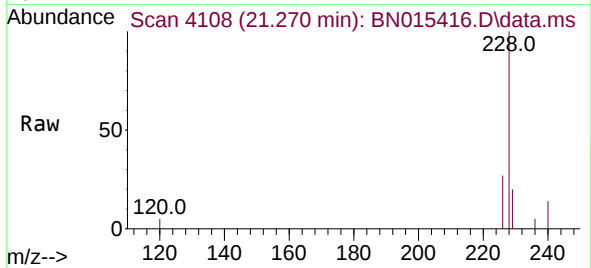




#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.270 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

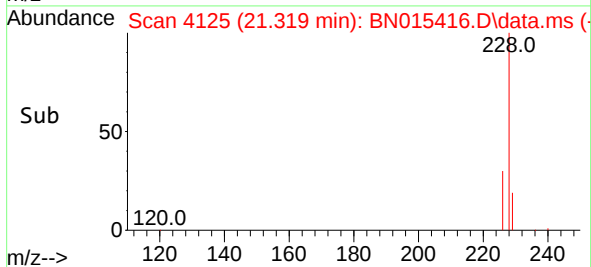
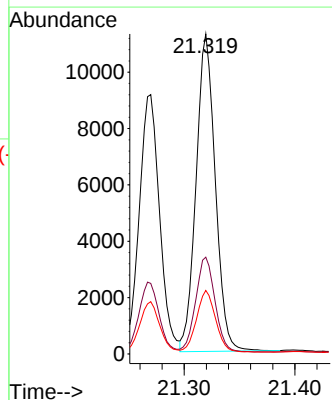
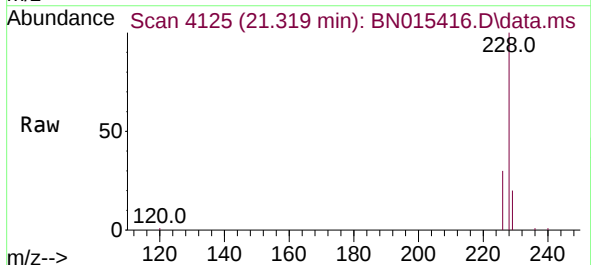
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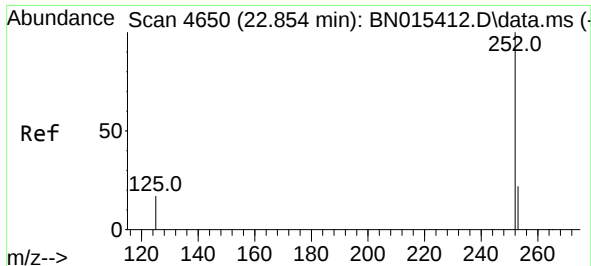
Tgt Ion:228 Resp: 11753
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 27.2 21.8 32.8



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.002 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:228 Resp: 13577
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.8 15.7 23.5

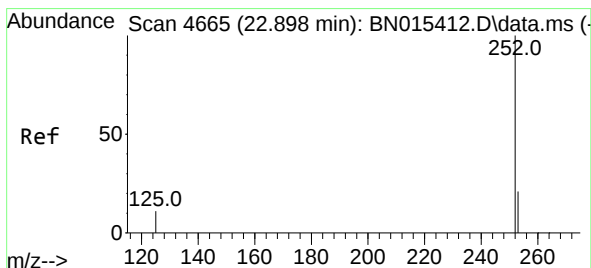
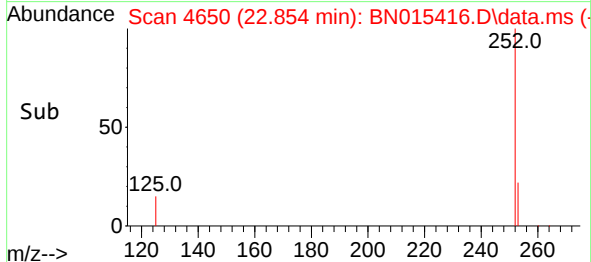
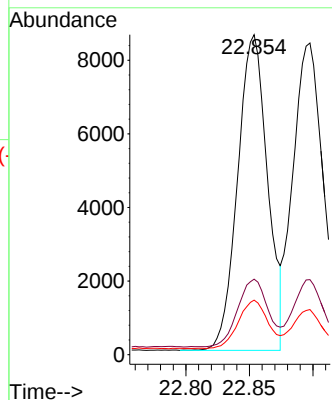
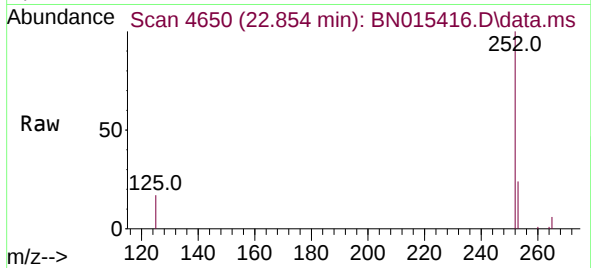




#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 22.854 min Scan# 4650
Delta R.T. -0.002 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

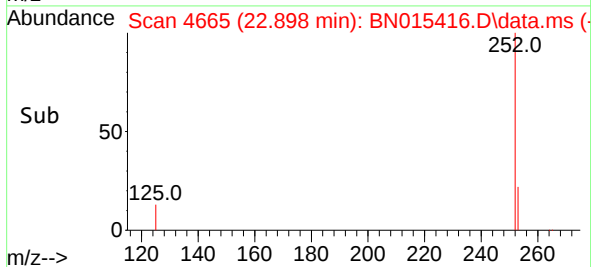
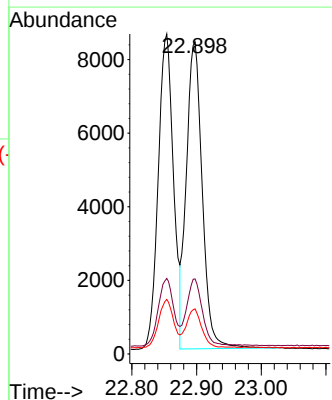
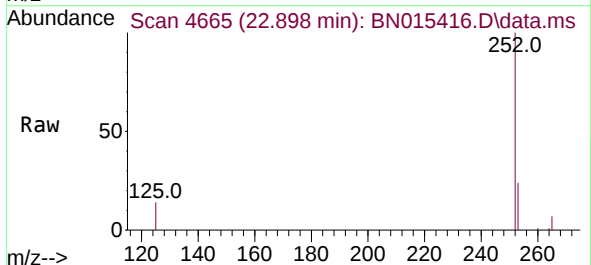
Instrument :
BNA_N
ClientSampleId :
SLCS474

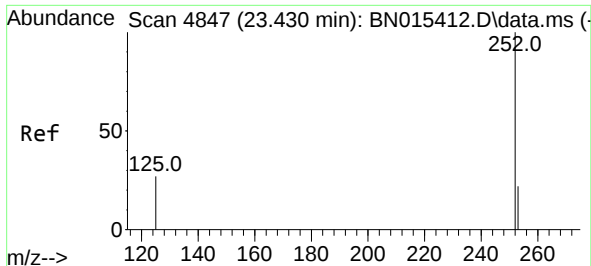
Tgt Ion:252 Resp: 14060
Ion Ratio Lower Upper
252 100
253 23.6 0.0 45.6
125 17.1 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.898 min Scan# 4665
Delta R.T. -0.002 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:252 Resp: 14250
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 14.5 11.5 17.3

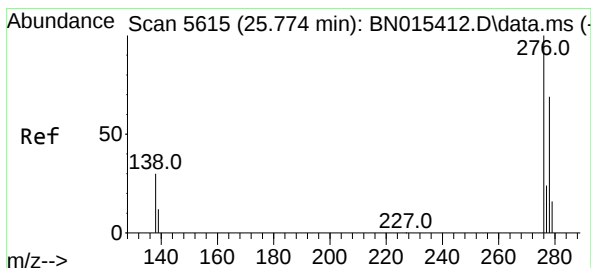
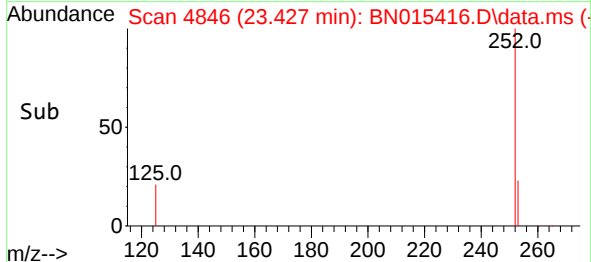
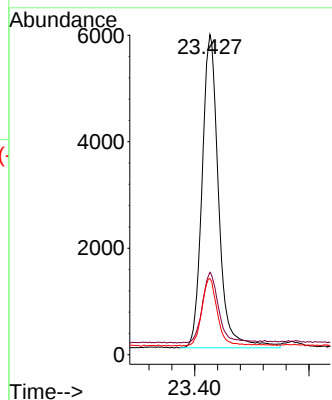
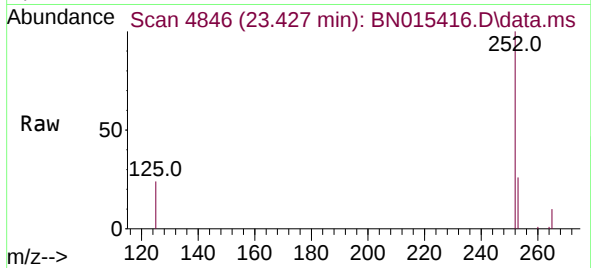




#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.427 min Scan# 4846
Delta R.T. -0.002 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

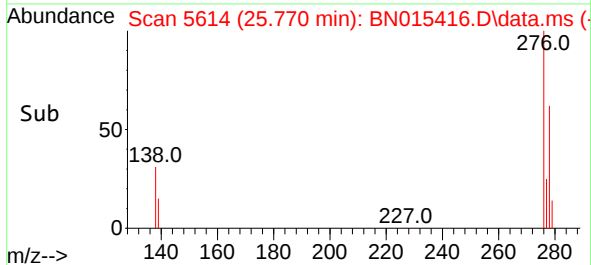
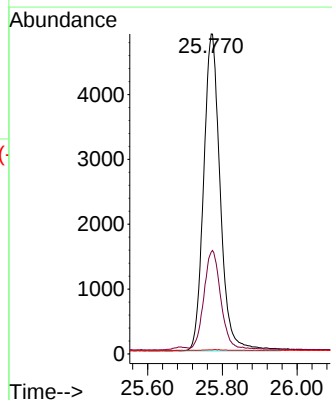
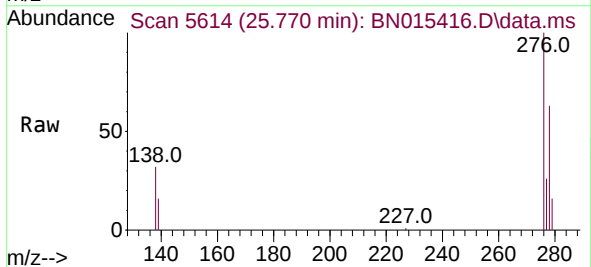
Instrument :
BNA_N
ClientSampleId :
SLCS474

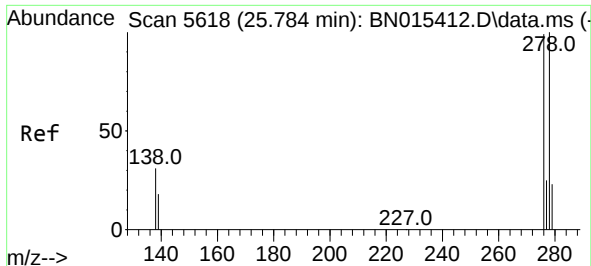
Tgt Ion:252 Resp: 11807
Ion Ratio Lower Upper
252 100
253 25.7 18.9 28.3
125 23.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.006 min
Lab File: BN015416.D
Acq: 08 Jul 2021 19:51

Tgt Ion:276 Resp: 15095
Ion Ratio Lower Upper
276 100
138 31.9 26.3 39.5
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.470 ng/ul

RT: 25.784 min Scan# 5618

Delta R.T. -0.006 min

Lab File: BN015416.D

Acq: 08 Jul 2021 19:51

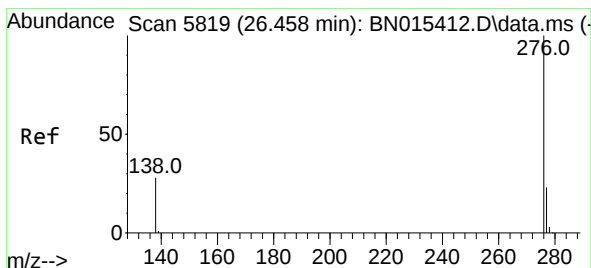
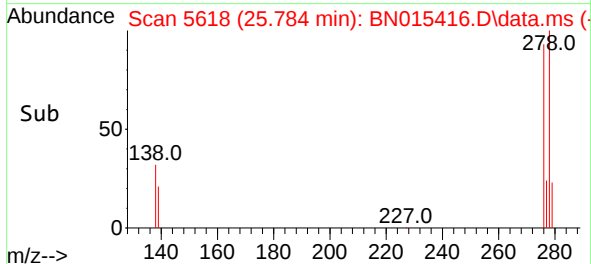
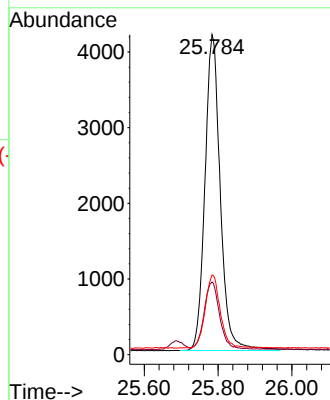
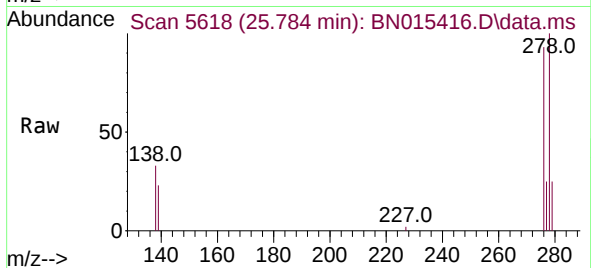
Instrument :

BNA_N

ClientSampleId :

SLCS474

Tgt Ion:	278	Resp:	12053
Ion Ratio	Lower	Upper	
278	100		
139	22.7	18.9	28.3
279	24.9	20.8	31.2



#29

Benzo(g,h,i)perylene

Concen: 0.423 ng/ul

RT: 26.458 min Scan# 5819

Delta R.T. -0.006 min

Lab File: BN015416.D

Acq: 08 Jul 2021 19:51

Tgt Ion:	276	Resp:	12832
Ion Ratio	Lower	Upper	
276	100		
138	28.2	23.0	34.4
277	24.6	19.3	28.9

