

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016151.D
 Acq On : 03 Sep 2021 00:11
 Operator : CG/JU
 Sample : PB138633BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS633

Quant Time: Sep 03 06:10:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

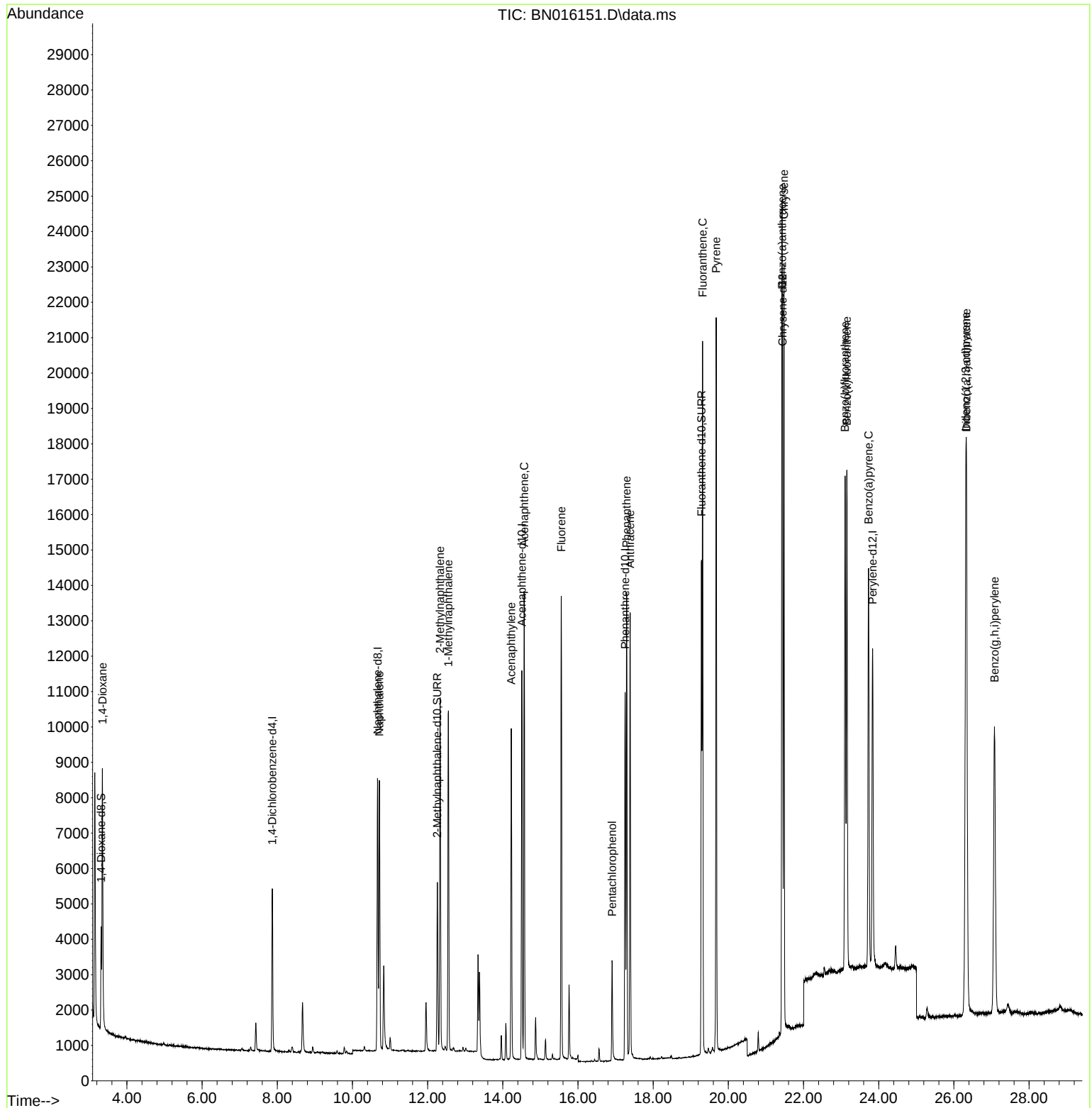
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	11006	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.507	164	6625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	13323	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	13388	0.400	ng/ul	0.00
23) Perylene-d12	23.838	264	13321	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2062	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	6812	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	16324	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	5362	1.656	ng/ul#	88
5) Naphthalene	10.716	128	11103	0.379	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	7798	0.408	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	7290	0.382	ng/ul	99
10) Acenaphthylene	14.225	152	11238	0.448	ng/ul	100
11) Acenaphthene	14.567	153	7947	0.379	ng/ul	99
12) Fluorene	15.557	166	9092	0.379	ng/ul	99
14) Pentachlorophenol	16.905	266	2148	0.995	ng/ul	99
15) Phenanthrene	17.293	178	14717	0.383	ng/ul	99
16) Anthracene	17.386	178	14193	0.428	ng/ul	99
19) Fluoranthene	19.314	202	17933	0.402	ng/ul	99
20) Pyrene	19.676	202	18622	0.412	ng/ul	96
21) Benzo(a)anthracene	21.426	228	19128	0.467	ng/ul	98
22) Chrysene	21.479	228	19035	0.412	ng/ul	98
24) Benzo(b)fluoranthene	23.104	252	19344	0.386	ng/ul	91
25) Benzo(k)fluoranthene	23.154	252	19044	0.378	ng/ul#	94
26) Benzo(a)pyrene	23.730	252	17320	0.407	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.316	276	22105	0.402	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.336	278	18415	0.407	ng/ul#	94
29) Benzo(g,h,i)perylene	27.081	276	18703	0.392	ng/ul	97

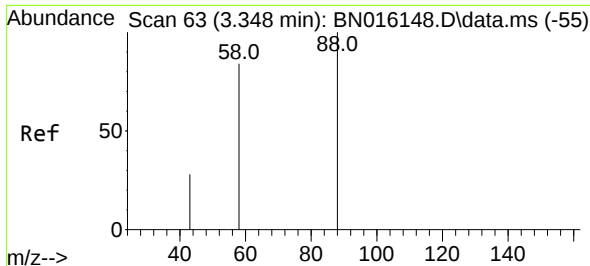
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 02 13:32:21 2021
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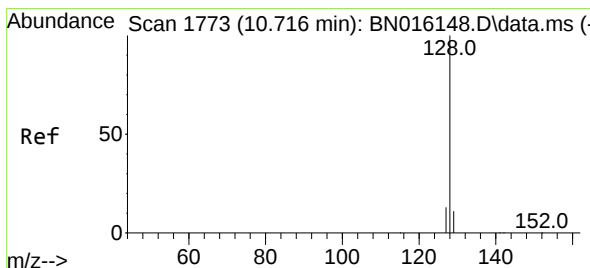
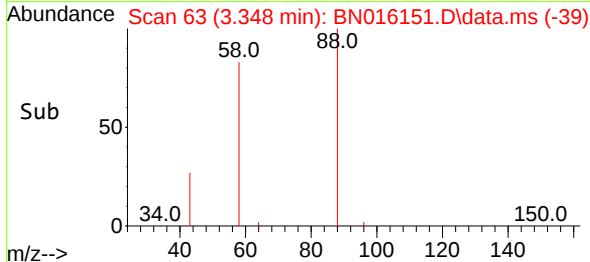
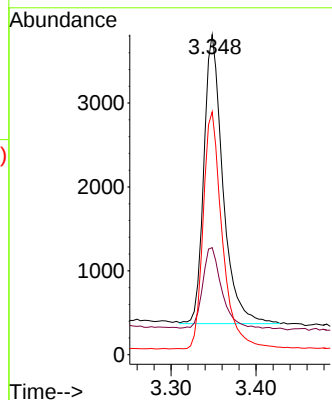
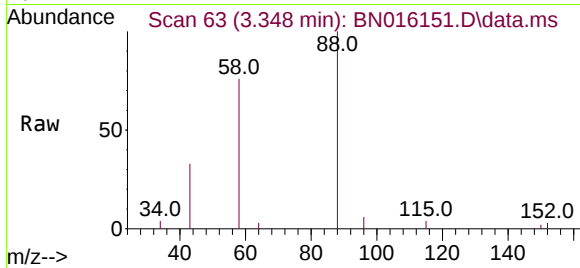




#2
1,4-Dioxane
Concen: 1.656 ng/ul
RT: 3.348 min Scan# 63
Delta R.T. -0.000 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

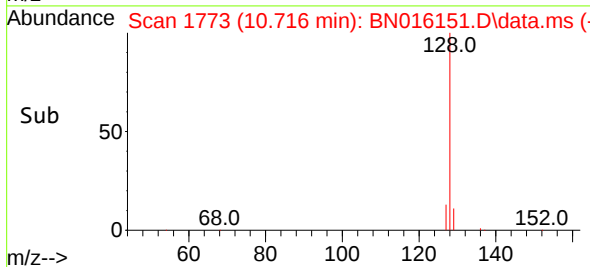
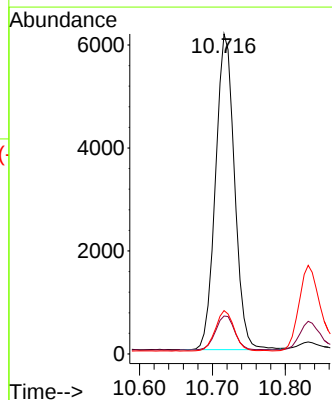
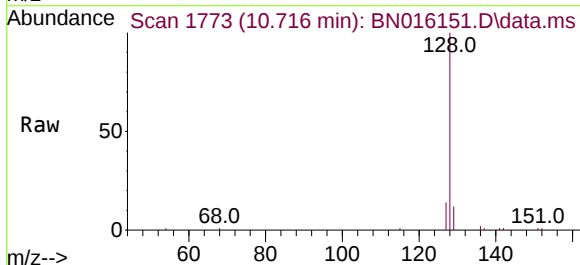
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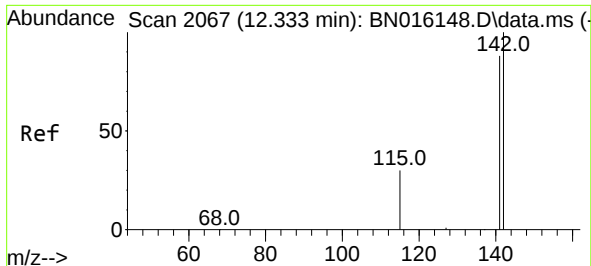
Tgt Ion: 88 Resp: 5362
Ion Ratio Lower Upper
88 100
43 33.5 27.9 41.9
58 75.9 50.0 75.0#



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:128 Resp: 11103
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.6 10.6 15.8

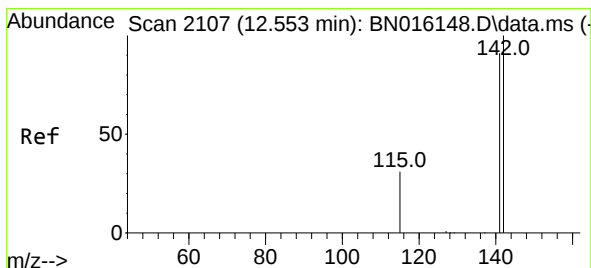
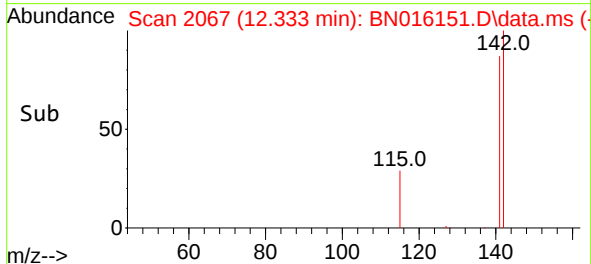
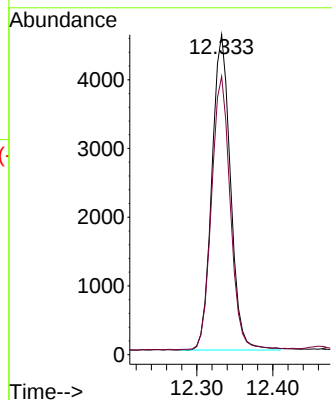
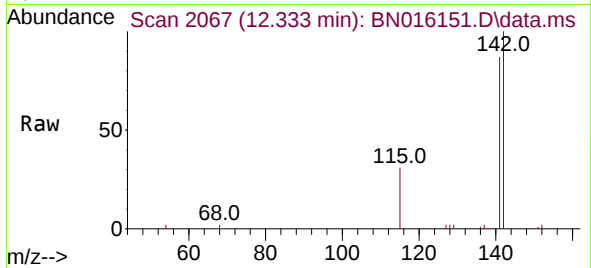




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

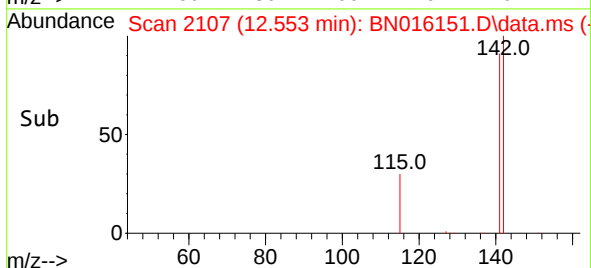
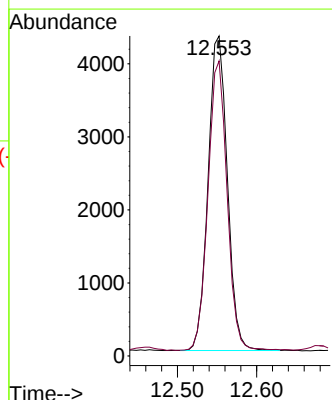
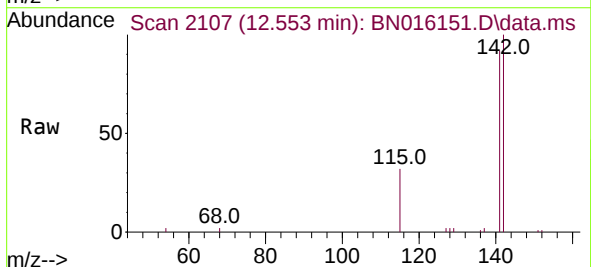
Instrument :
BNA_N
ClientSampleId :
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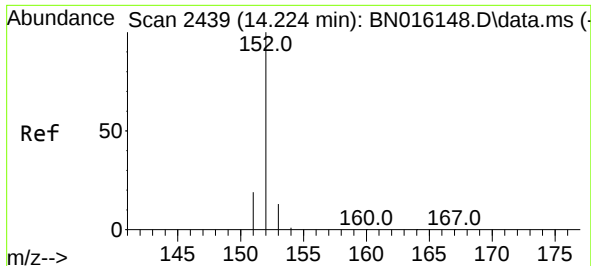
Tgt Ion:142 Resp: 7798
Ion Ratio Lower Upper
142 100
141 87.3 69.5 104.3



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:142 Resp: 7290
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.4

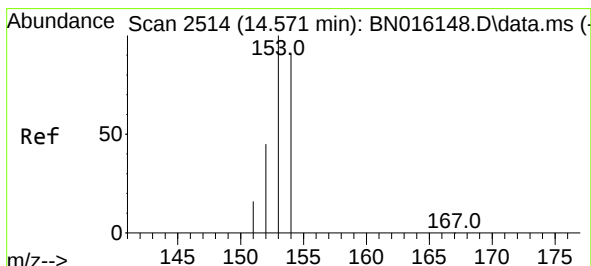
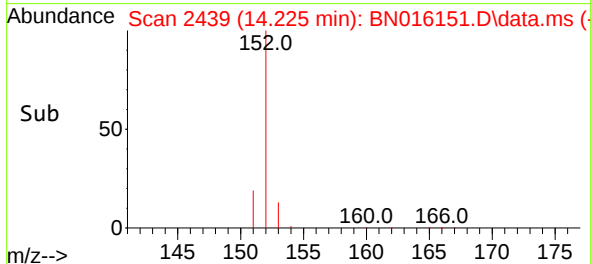
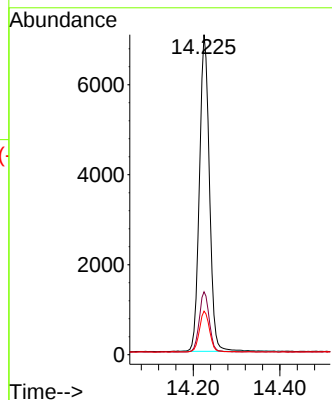
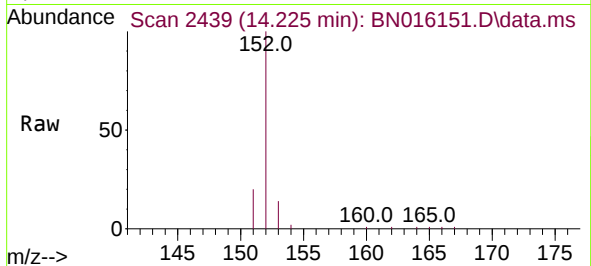




#10
Acenaphthylene
Concen: 0.448 ng/ul
RT: 14.225 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

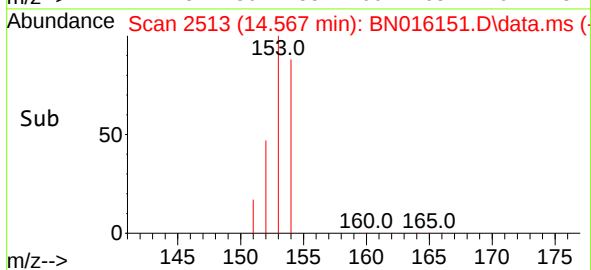
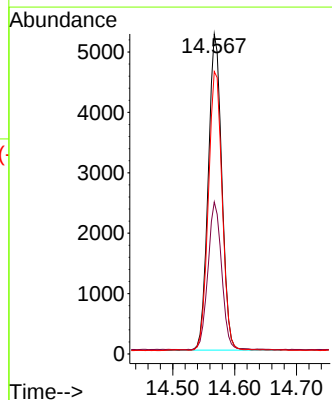
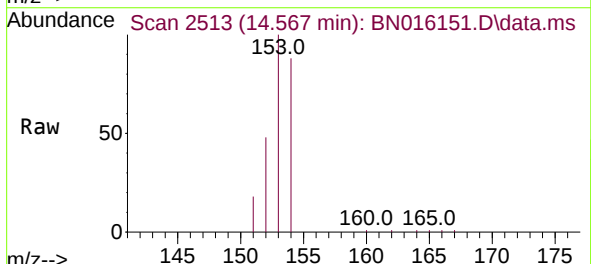
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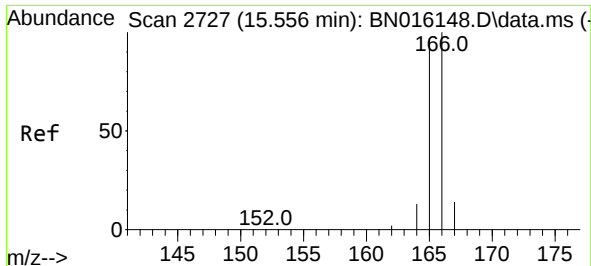
Tgt Ion:	152	Resp:	11238
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	13.6	11.2	16.8



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.567 min Scan# 2513
Delta R.T. 0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:	153	Resp:	7947
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.5	57.7
154	88.3	71.3	106.9

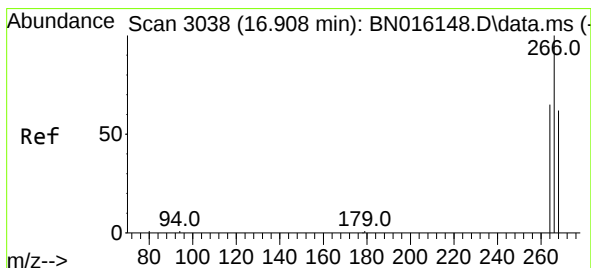
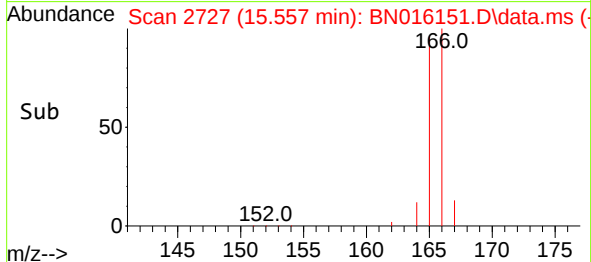
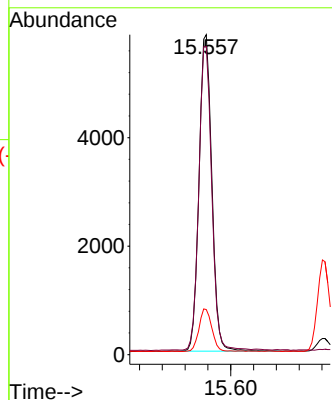
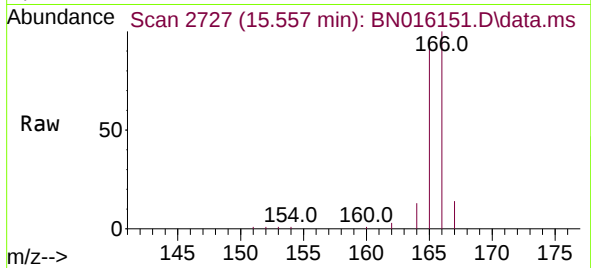




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.557 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

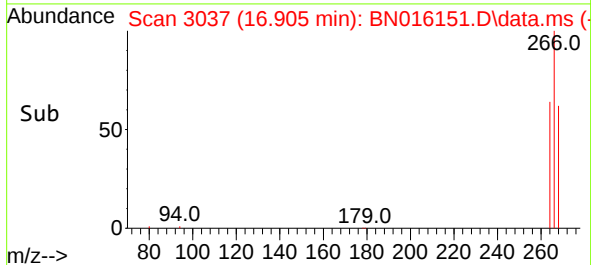
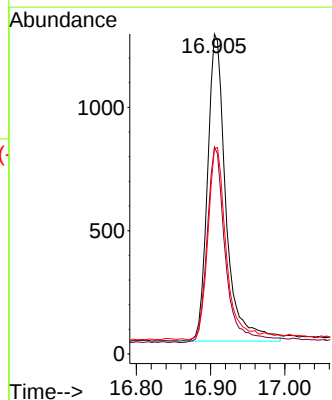
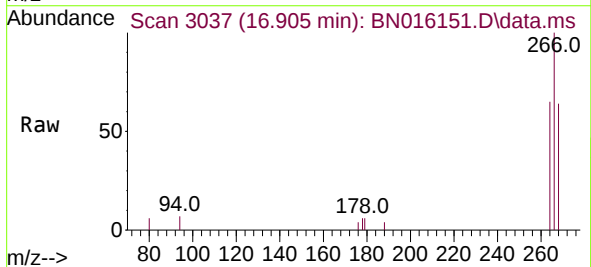
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BNA_N
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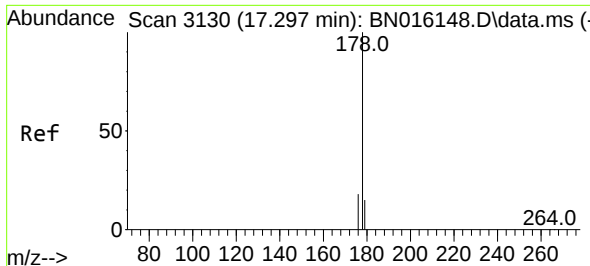
Tgt Ion:	166	Resp:	9092
Ion Ratio	Lower	Upper	
166	100		
165	96.4	77.9	116.9
167	14.1	11.8	17.8



#14
Pentachlorophenol
Concen: 0.995 ng/ul
RT: 16.905 min Scan# 3037
Delta R.T. 0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:	266	Resp:	2148
Ion Ratio	Lower	Upper	
266	100		
264	63.5	50.3	75.5
268	63.0	51.4	77.2

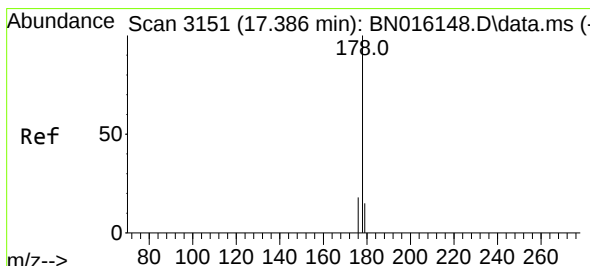
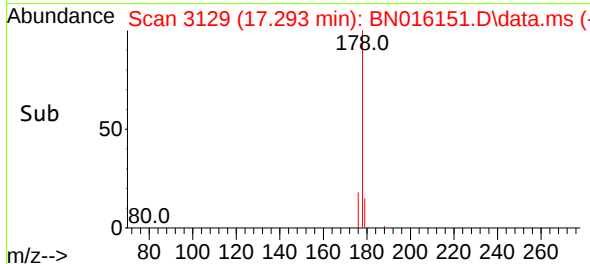
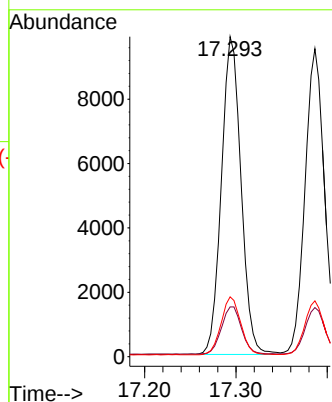
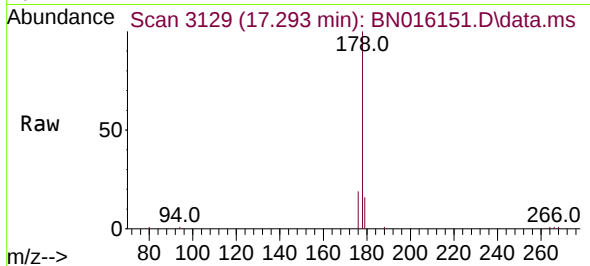




#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.293 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

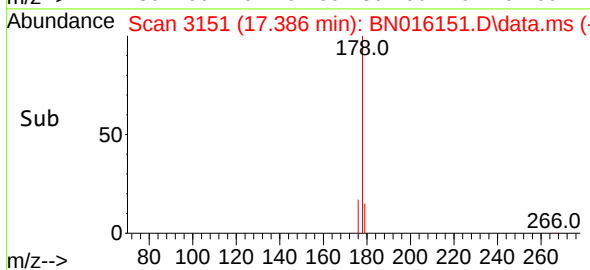
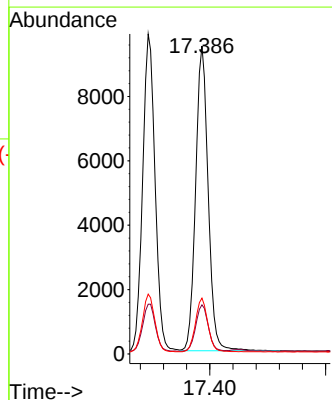
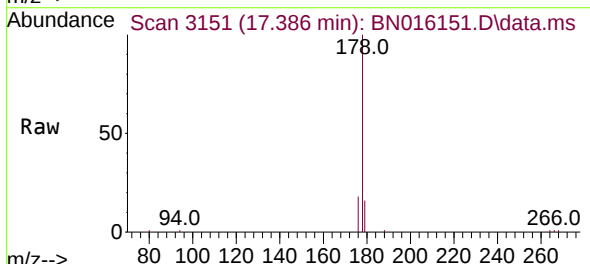
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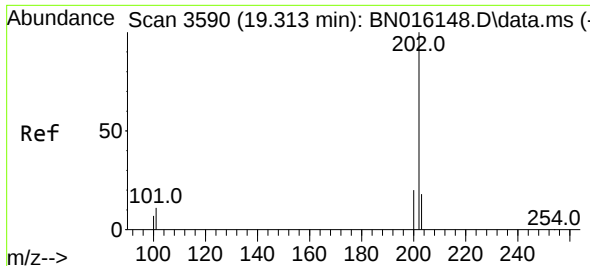
Tgt Ion:178	Resp:	14717
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.9 19.3
176	18.7	15.2 22.8



#16
Anthracene
Concen: 0.428 ng/u1
RT: 17.386 min Scan# 3151
Delta R.T. 0.005 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:178	Resp:	14193
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.3 19.9
176	18.1	14.9 22.3

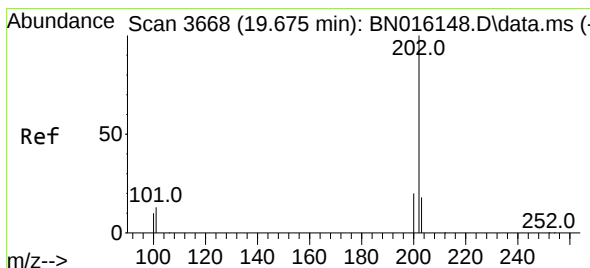
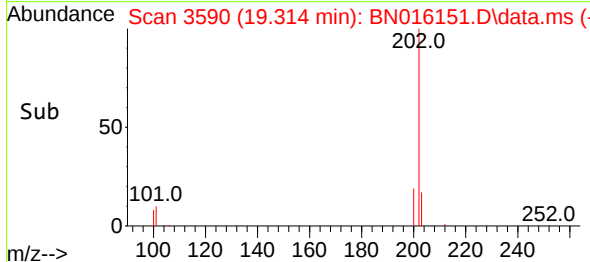
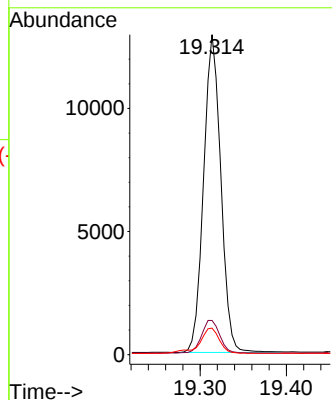
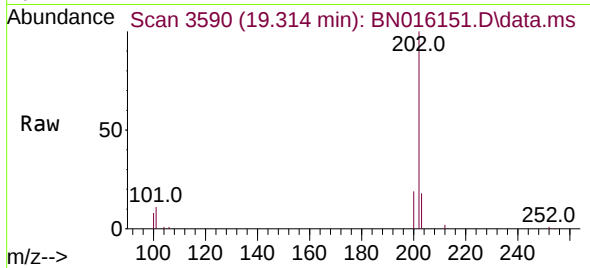




#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 19.314 min Scan# 3590
Delta R.T. 0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

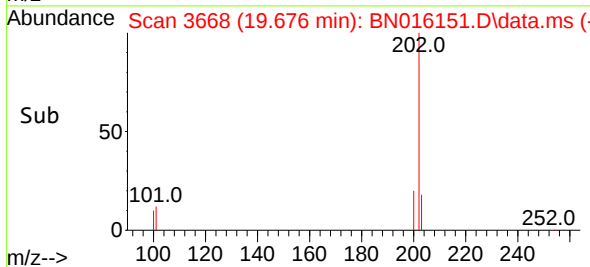
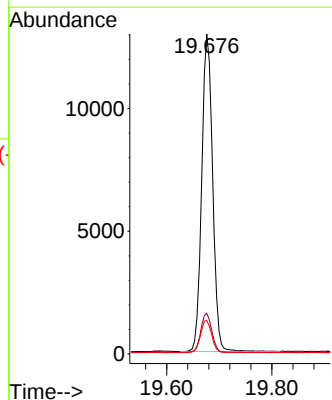
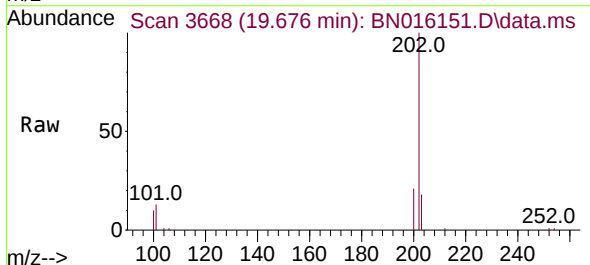
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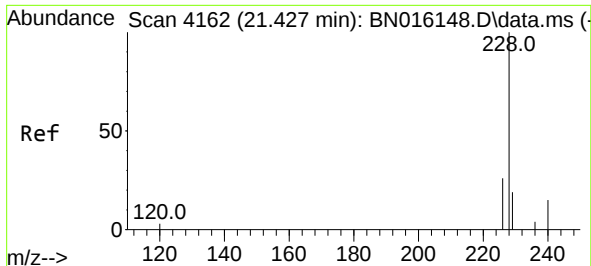
Tgt Ion:202 Resp: 17933
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 8.3 6.7 10.1



#20
Pyrene
Concen: 0.412 ng/u1
RT: 19.676 min Scan# 3668
Delta R.T. 0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:202 Resp: 18622
Ion Ratio Lower Upper
202 100
101 12.7 11.5 17.3
100 10.4 9.8 14.8

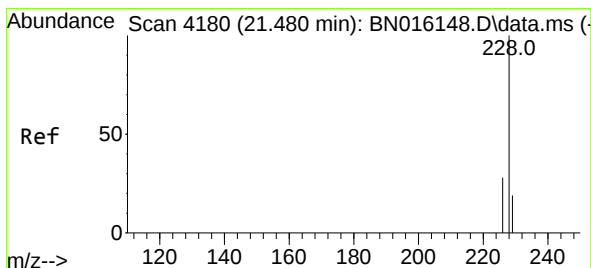
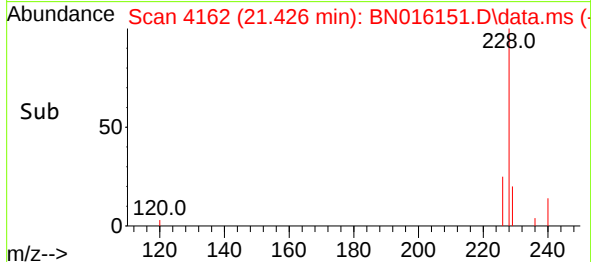
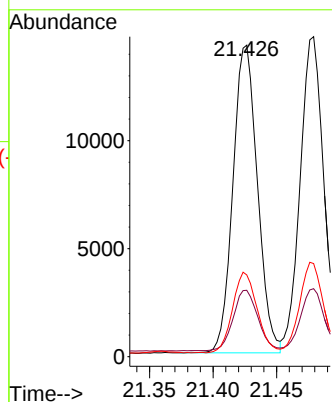
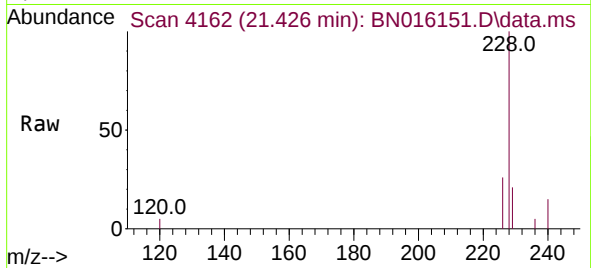




#21
Benzo(a)anthracene
Concen: 0.467 ng/ul
RT: 21.426 min Scan# 4162
Delta R.T. 0.002 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

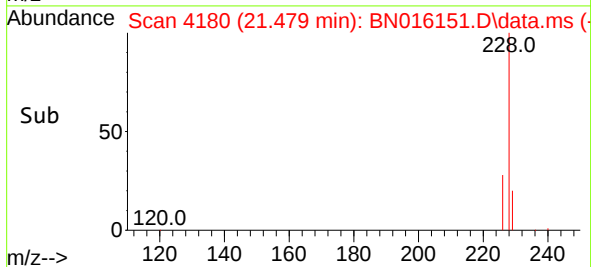
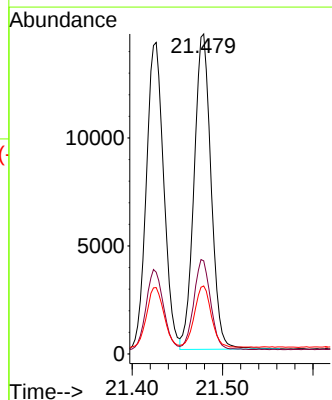
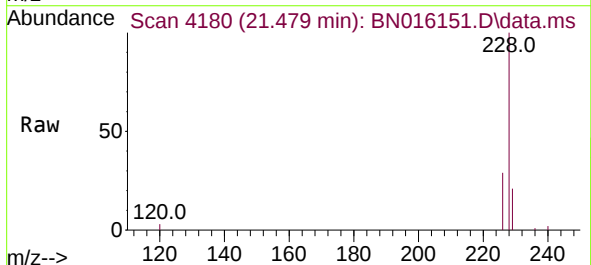
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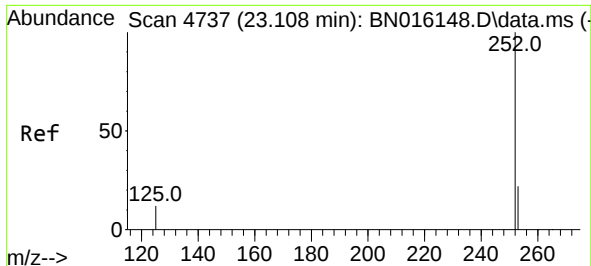
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Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 26.2 20.8 31.2



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:228 Resp: 19035
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 21.2 15.6 23.4

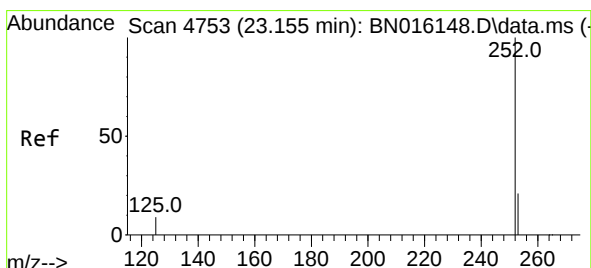
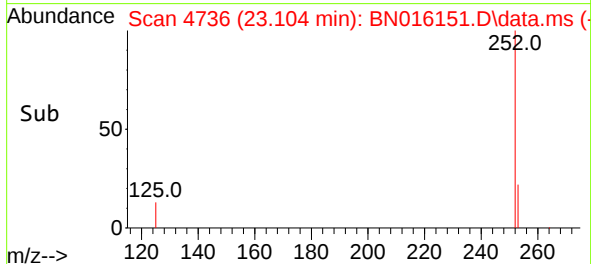
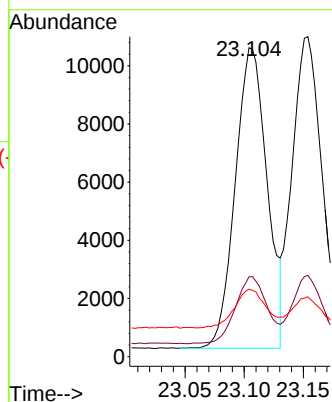
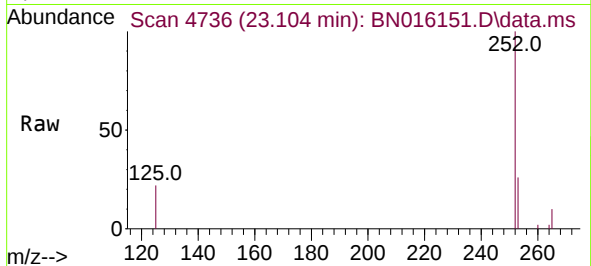




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

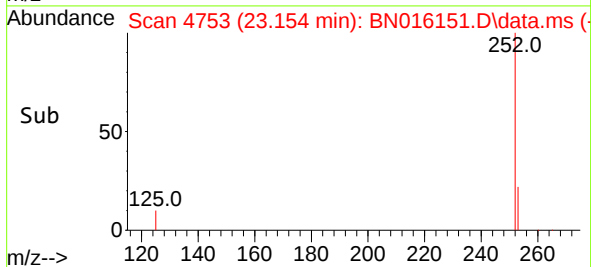
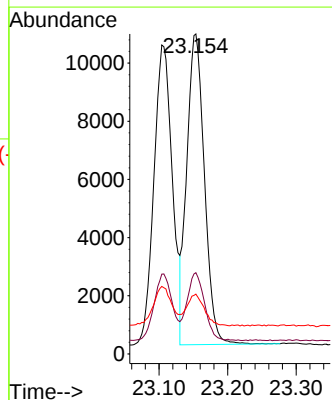
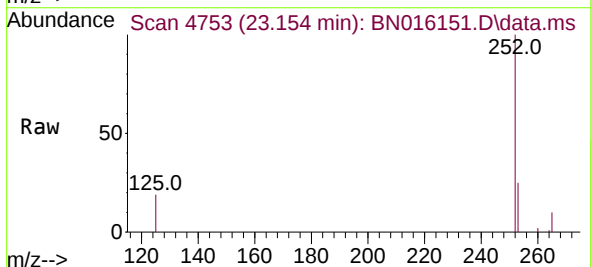
Instrument :
BNA_N
ClientSampleId :
SLCS633

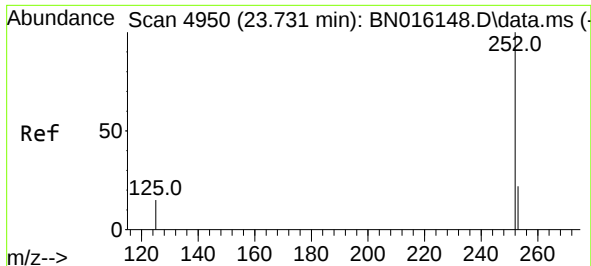
Tgt Ion:252 Resp: 19344
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.4
125 21.9 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. -0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:252 Resp: 19044
Ion Ratio Lower Upper
252 100
253 25.4 19.4 29.0
125 18.7 10.9 16.3#

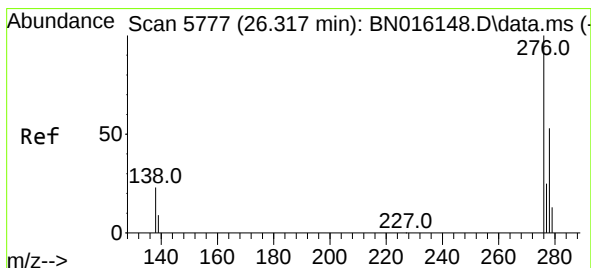
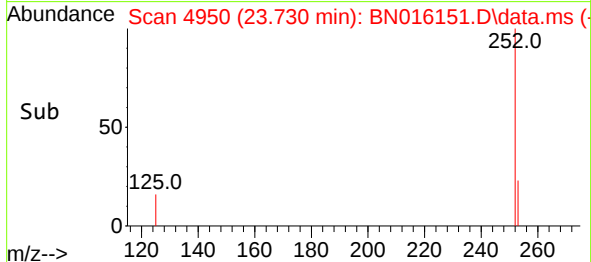
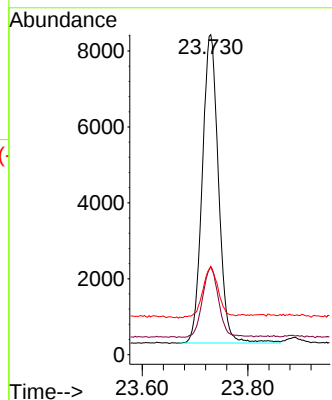
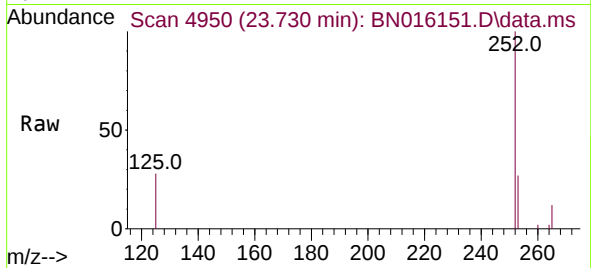




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.730 min Scan# 4950
Delta R.T. -0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

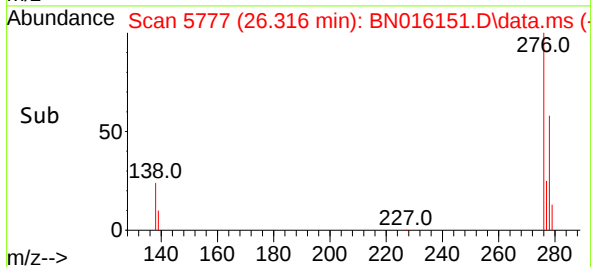
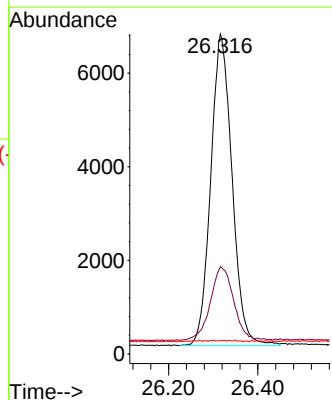
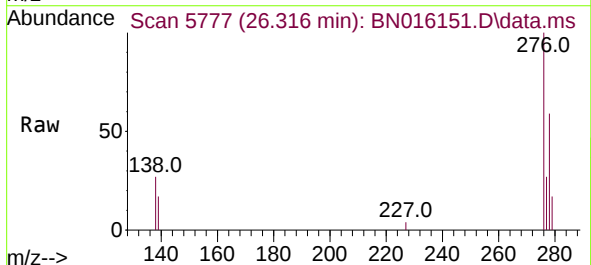
Instrument :
BNA_N
ClientSampleId :
SLCS633

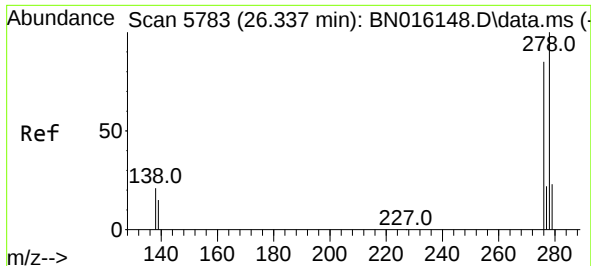
Tgt Ion:252 Resp: 17320
Ion Ratio Lower Upper
252 100
253 27.4 20.2 30.2
125 27.6 12.6 18.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.001 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:276 Resp: 22105
Ion Ratio Lower Upper
276 100
138 25.7 22.7 34.1
227 0.1 0.2 0.2#

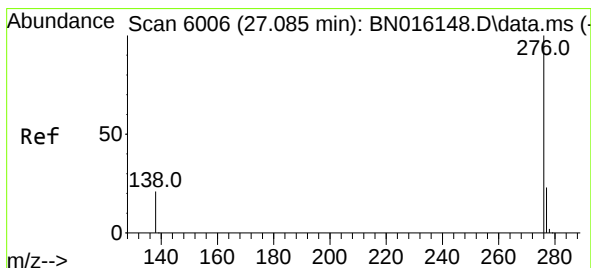
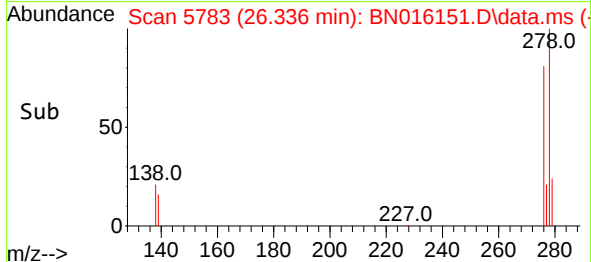
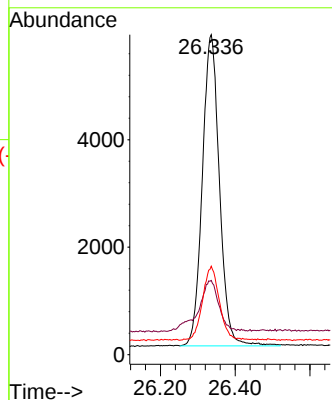
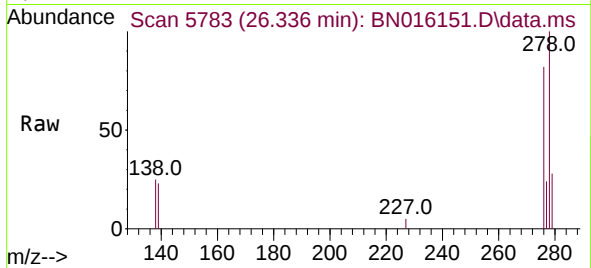




#28
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.006 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Instrument :
BNA_N
ClientSampleId :
SLCS633

Tgt Ion:278 Resp: 18415
Ion Ratio Lower Upper
278 100
139 23.2 15.1 22.7#
279 27.6 20.5 30.7



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.006 min
Lab File: BN016151.D
Acq: 03 Sep 2021 00:11

Tgt Ion:276 Resp: 18703
Ion Ratio Lower Upper
276 100
138 25.6 19.3 28.9
277 26.5 19.8 29.8

