

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016150.D
 Acq On : 02 Sep 2021 23:35
 Operator : CG/JU
 Sample : PB138905BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS905

Quant Time: Sep 03 06:10:50 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

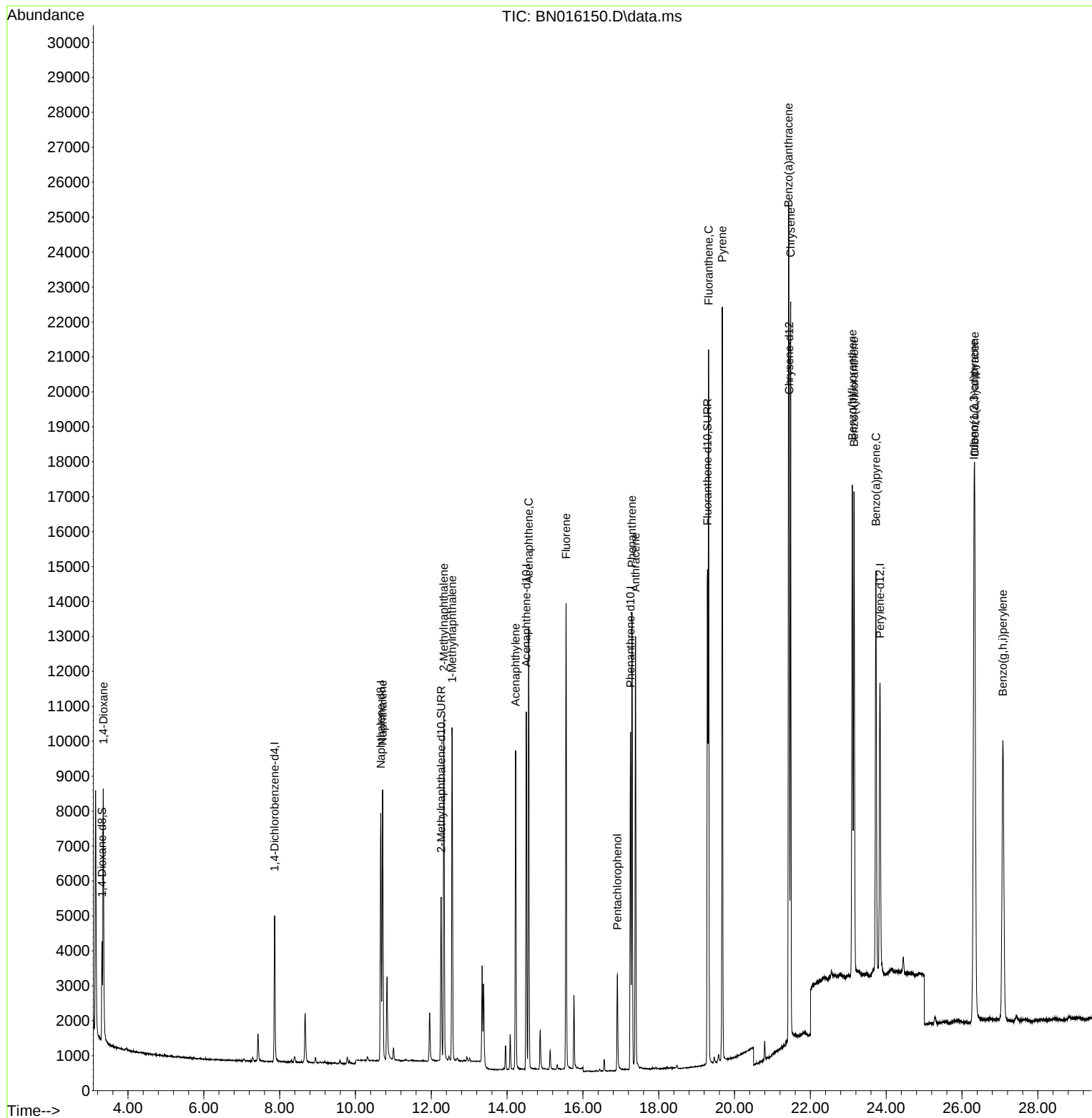
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2315	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	10028	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.507	164	6016	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	12073	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	12404	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	12312	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2067	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	6651	0.471	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	16560	0.498	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	5226	1.775	ng/ul#	89
5) Naphthalene	10.716	128	11000	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	7652	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	7163	0.412	ng/ul	100
10) Acenaphthylene	14.225	152	11040	0.485	ng/ul	100
11) Acenaphthene	14.567	153	7806	0.410	ng/ul	99
12) Fluorene	15.557	166	8929	0.410	ng/ul	98
14) Pentachlorophenol	16.909	266	2127	1.088	ng/ul	100
15) Phenanthrene	17.294	178	14636	0.421	ng/ul	100
16) Anthracene	17.387	178	14127	0.470	ng/ul	99
19) Fluoranthene	19.314	202	18227	0.441	ng/ul	99
20) Pyrene	19.676	202	18830	0.450	ng/ul	96
21) Benzo(a)anthracene	21.424	228	19281	0.508	ng/ul	98
22) Chrysene	21.479	228	19155	0.447	ng/ul	98
24) Benzo(b)fluoranthene	23.107	252	19676	0.425	ng/ul	93
25) Benzo(k)fluoranthene	23.154	252	19210	0.412	ng/ul#	94
26) Benzo(a)pyrene	23.730	252	17450	0.444	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.316	276	22115	0.436	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.336	278	18505	0.442	ng/ul#	93
29) Benzo(g,h,i)perylene	27.077	276	18703	0.424	ng/ul	95

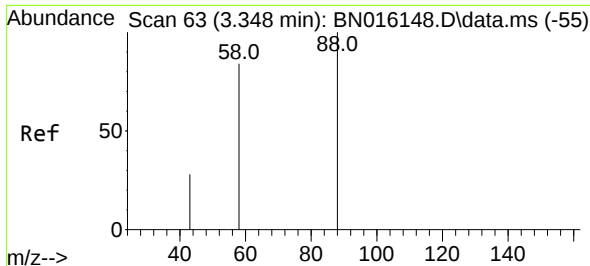
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 06:10:50 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

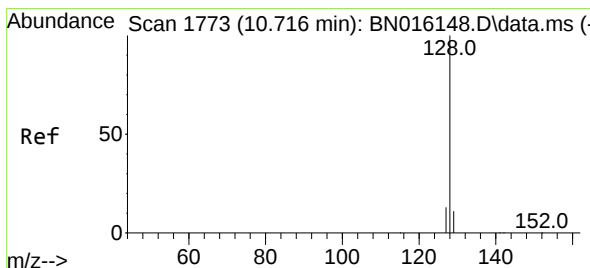
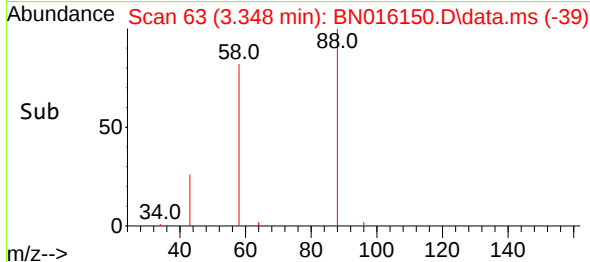
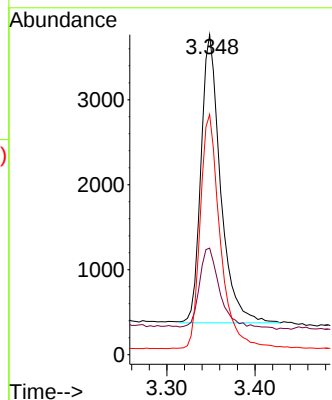
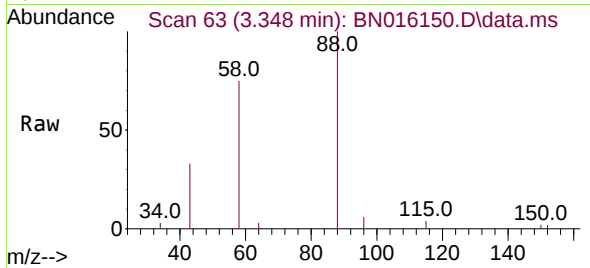




#2
1,4-Dioxane
Concen: 1.775 ng/ul
RT: 3.348 min Scan# 63
Delta R.T. 0.000 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

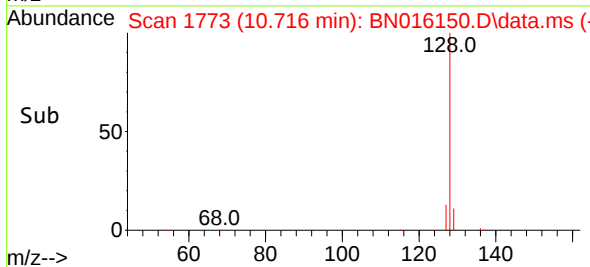
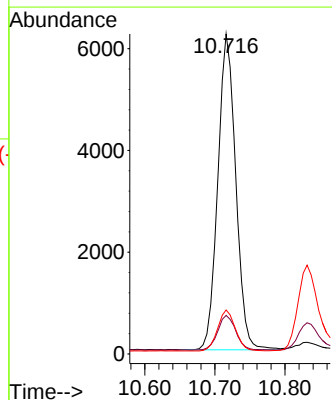
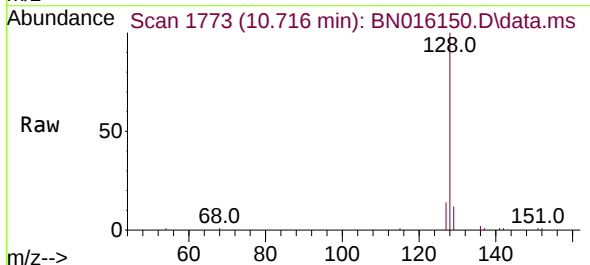
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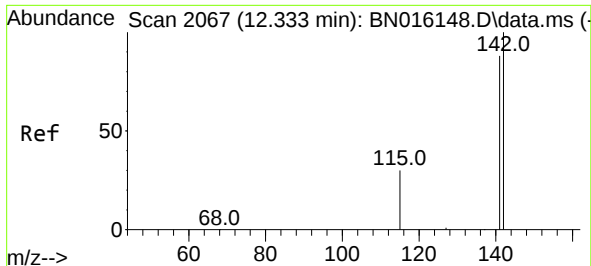
Tgt Ion: 88 Resp: 5226
Ion Ratio Lower Upper
88 100
43 33.3 27.9 41.9
58 75.1 50.0 75.0#



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion: 128 Resp: 11000
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 13.7 10.6 15.8

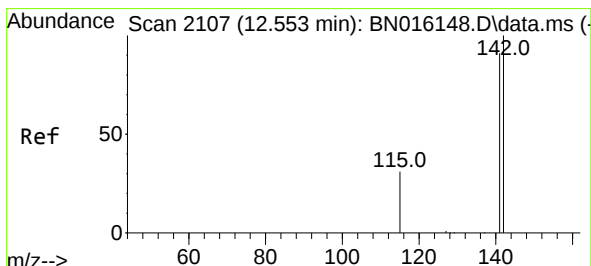
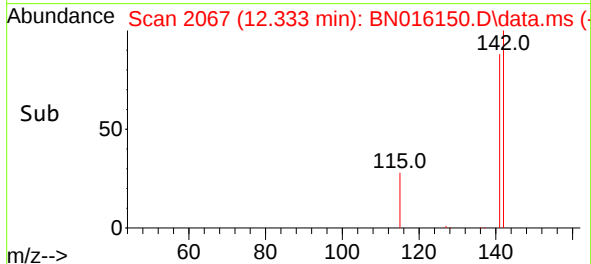
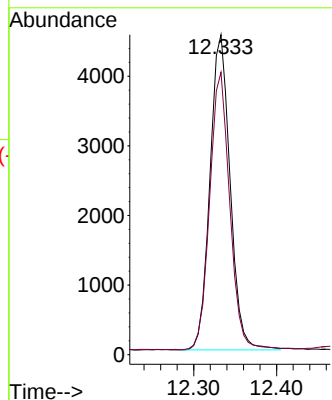
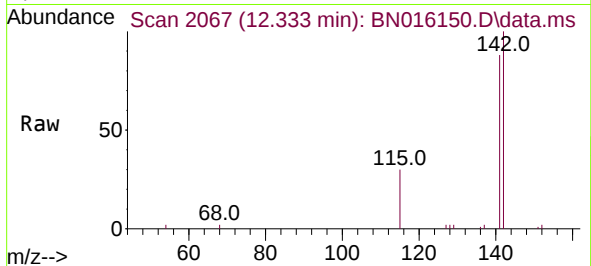




#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

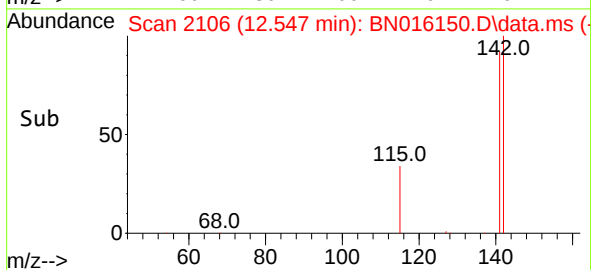
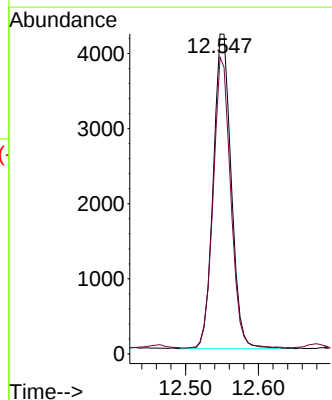
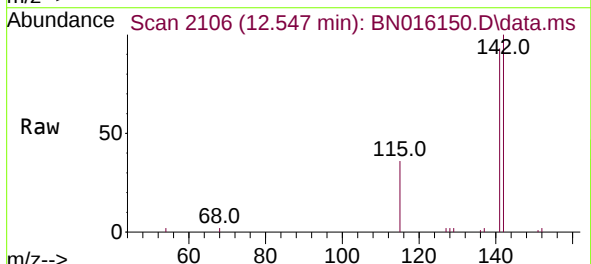
Instrument :
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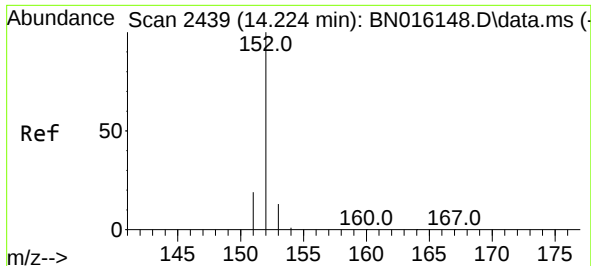
Tgt Ion:142 Resp: 7652
Ion Ratio Lower Upper
142 100
141 87.3 69.5 104.3



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:142 Resp: 7163
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4

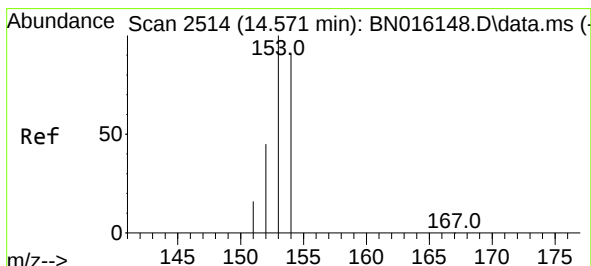
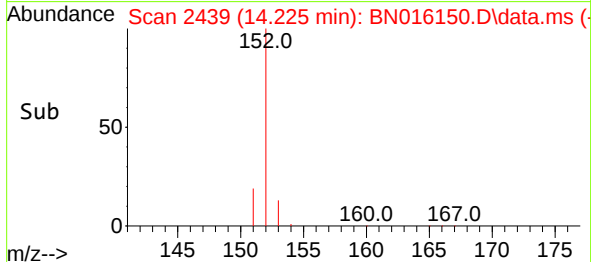
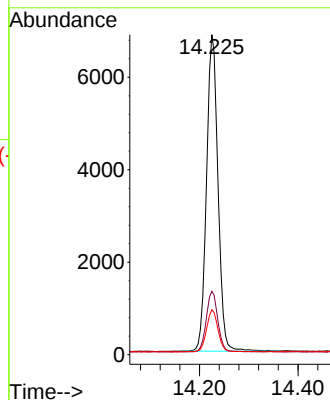
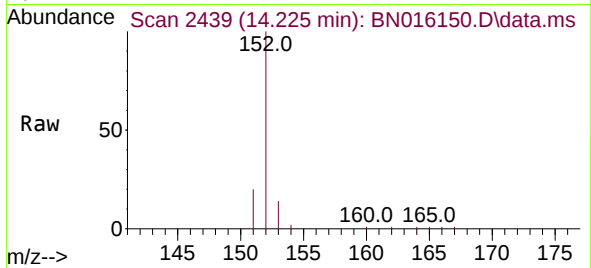




#10
Acenaphthylene
Concen: 0.485 ng/ul
RT: 14.225 min Scan# 2439
Delta R.T. 0.006 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

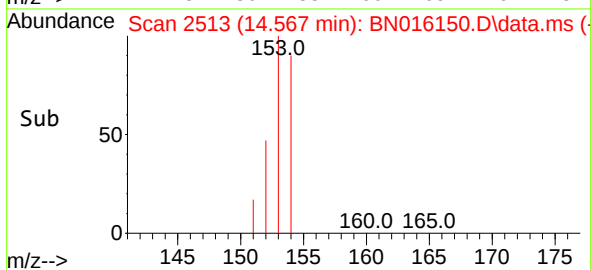
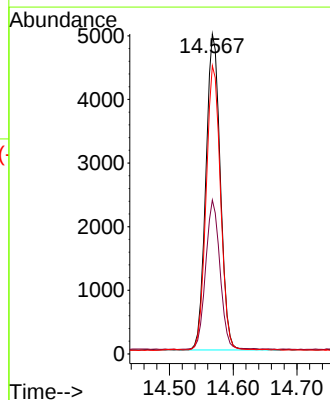
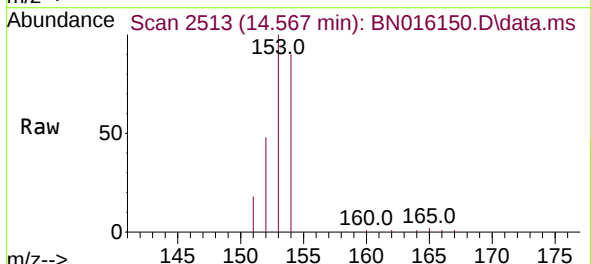
Instrument :
BNA_N
ClientSampleId :
SLCS905

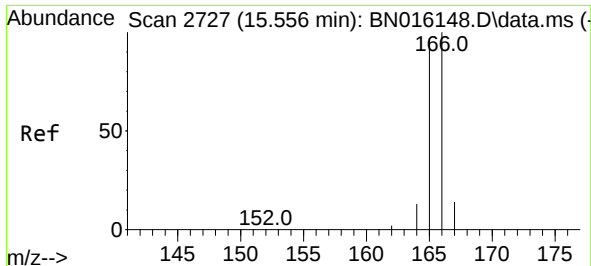
Tgt Ion:	152	Resp:	11040
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.6
153	14.0	11.2	16.8



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.567 min Scan# 2513
Delta R.T. 0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:	153	Resp:	7806
Ion Ratio	Lower	Upper	
153	100		
152	48.1	38.5	57.7
154	90.1	71.3	106.9

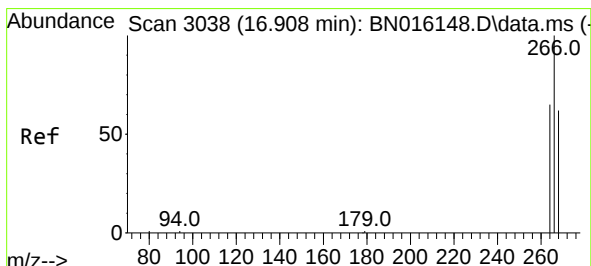
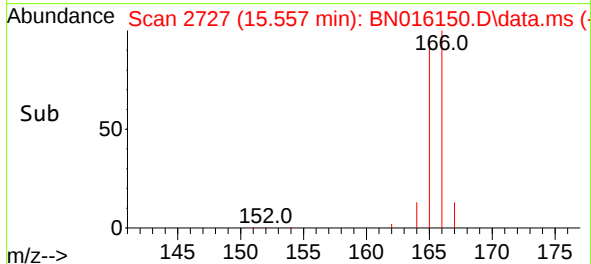
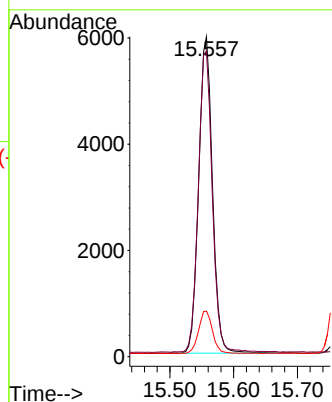
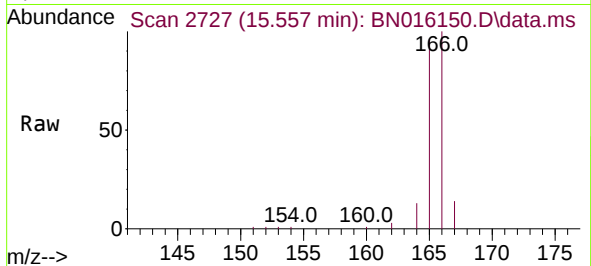




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.557 min Scan# 2727
Delta R.T. 0.006 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

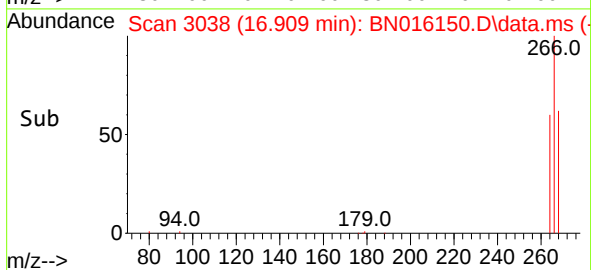
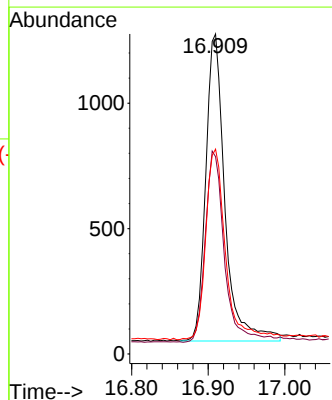
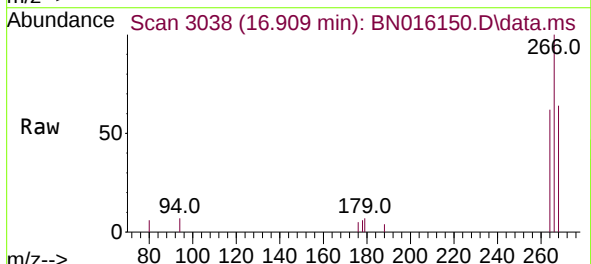
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BNA_N
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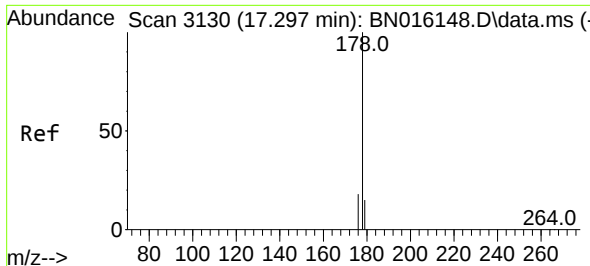
Tgt Ion:166 Resp: 8929
Ion Ratio Lower Upper
166 100
165 95.6 77.9 116.9
167 14.2 11.8 17.8



#14
Pentachlorophenol
Concen: 1.088 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. 0.005 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:266 Resp: 2127
Ion Ratio Lower Upper
266 100
264 62.7 50.3 75.5
268 64.4 51.4 77.2

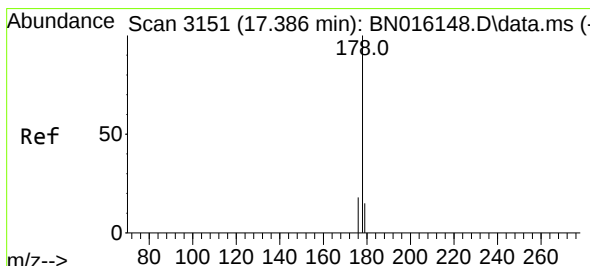
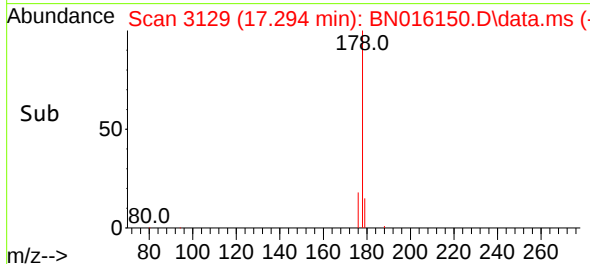
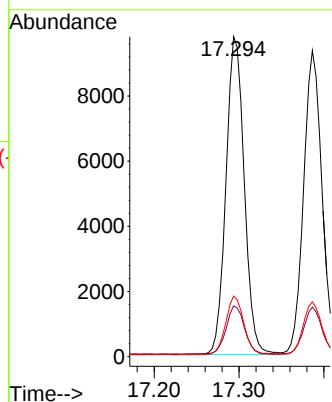
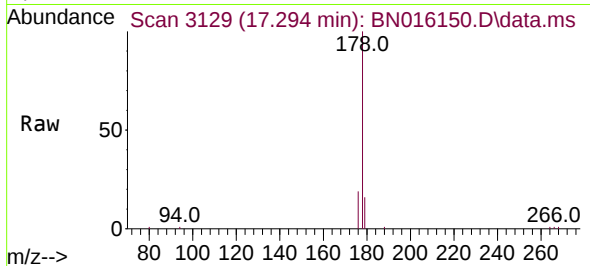




#15
Phenanthrene
Concen: 0.421 ng/u1
RT: 17.294 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

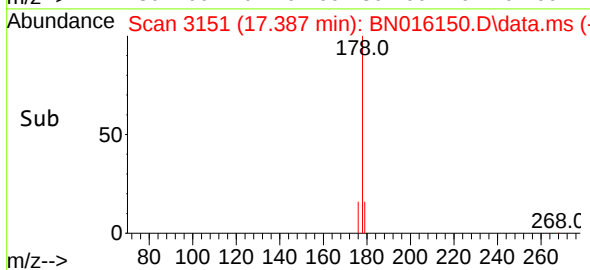
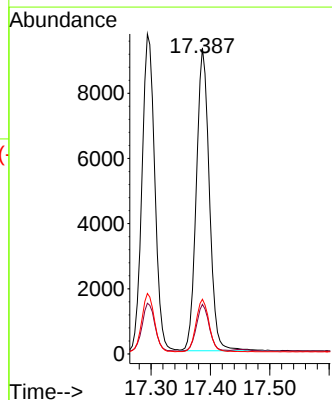
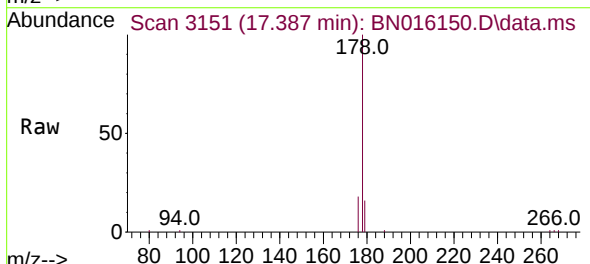
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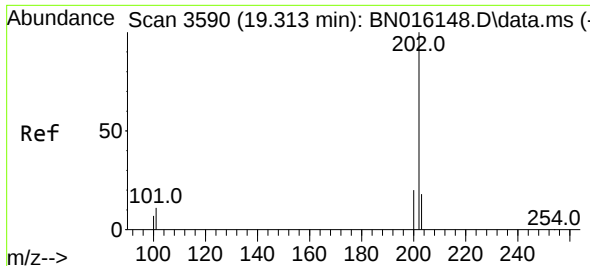
Tgt Ion:178 Resp: 14636
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 18.9 15.2 22.8



#16
Anthracene
Concen: 0.470 ng/u1
RT: 17.387 min Scan# 3151
Delta R.T. 0.005 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:178 Resp: 14127
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 17.9 14.9 22.3

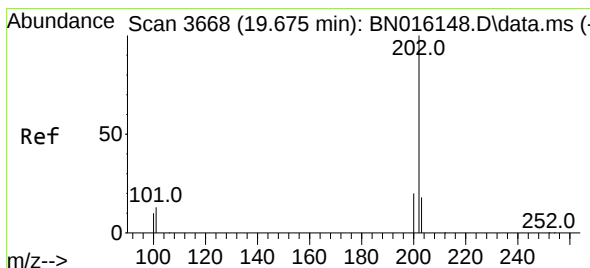
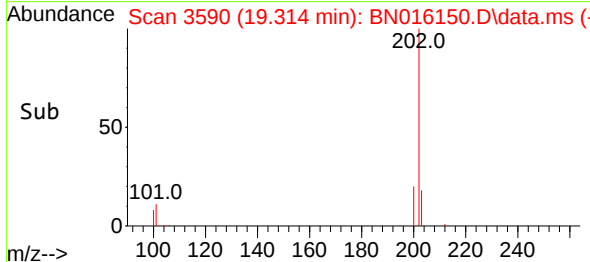
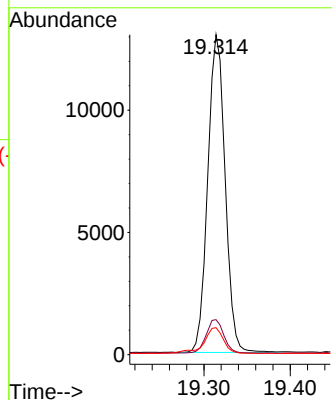
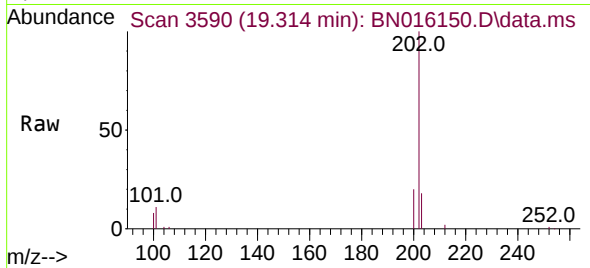




#19
Fluoranthene
Concen: 0.441 ng/ul
RT: 19.314 min Scan# 3590
Delta R.T. 0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

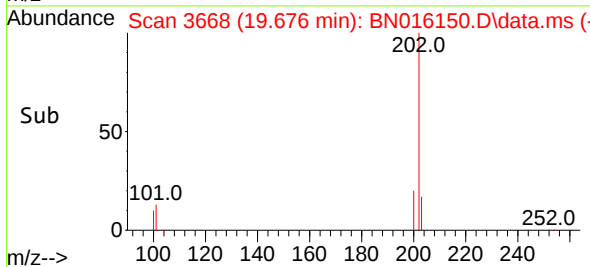
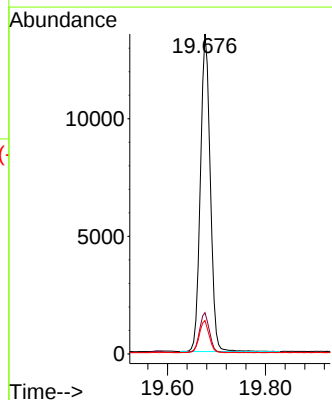
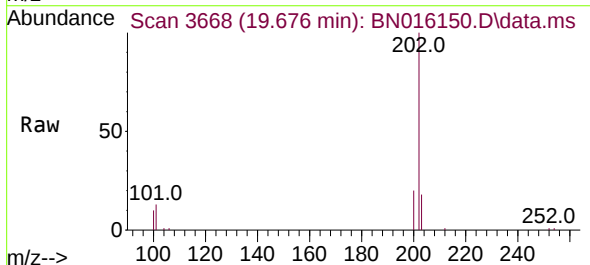
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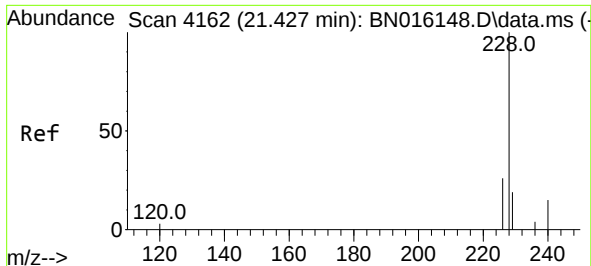
Tgt Ion:202 Resp: 18227
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.4 6.7 10.1



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.676 min Scan# 3668
Delta R.T. 0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:202 Resp: 18830
Ion Ratio Lower Upper
202 100
101 12.9 11.5 17.3
100 10.4 9.8 14.8

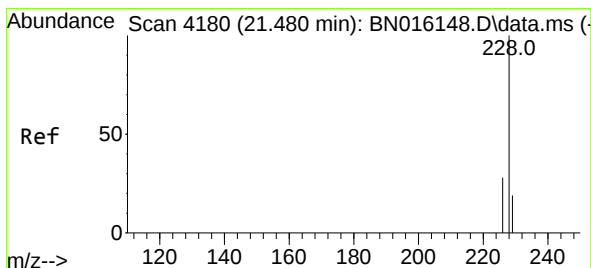
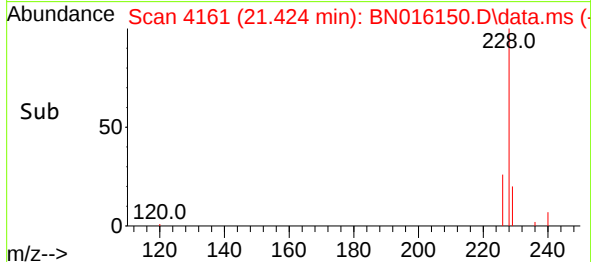
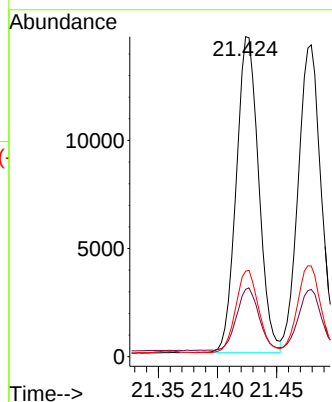
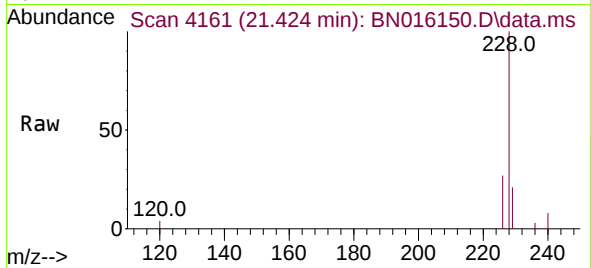




#21
Benzo(a)anthracene
Concen: 0.508 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

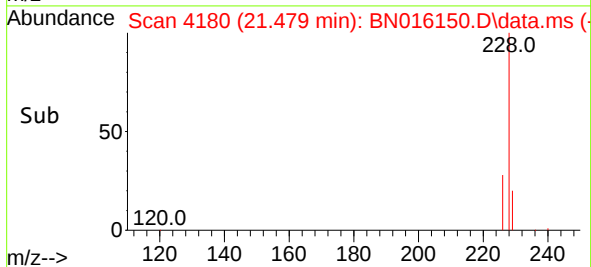
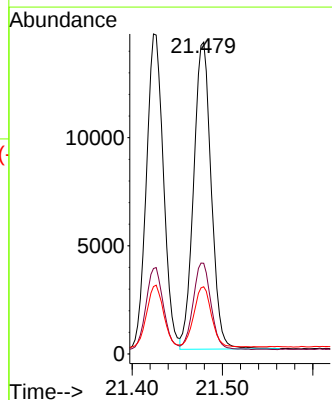
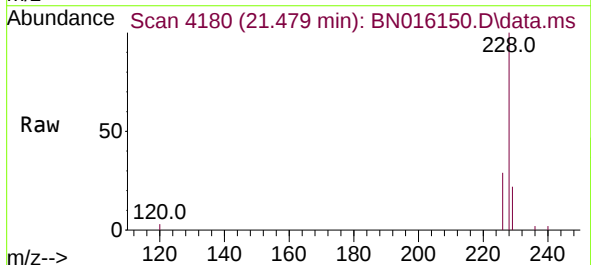
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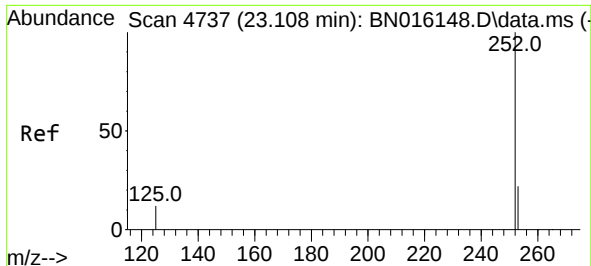
Tgt Ion:228 Resp: 19281
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 26.7 20.8 31.2



#22
Chrysene
Concen: 0.447 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:228 Resp: 19155
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 21.5 15.6 23.4

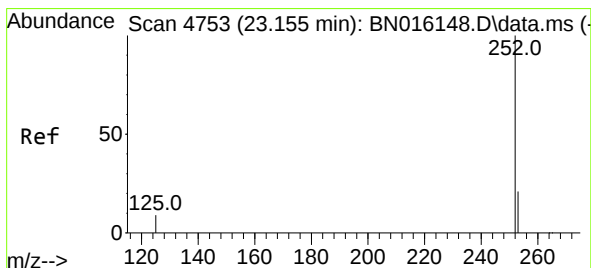
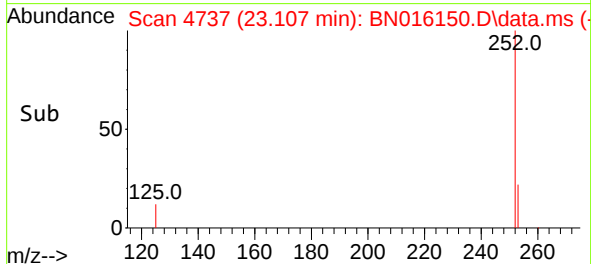
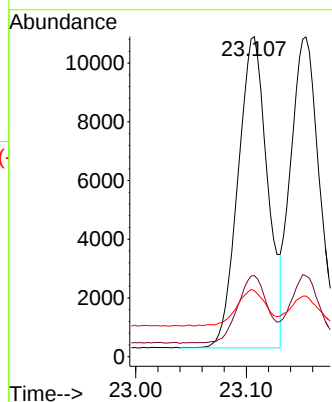
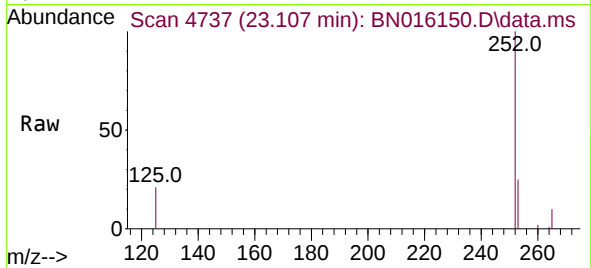




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. 0.002 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

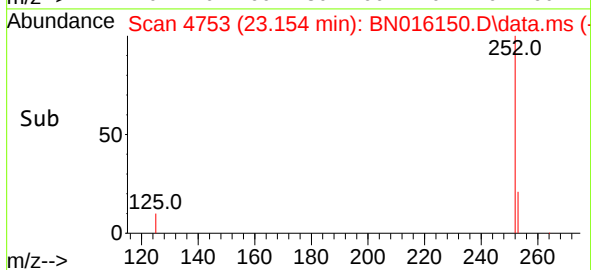
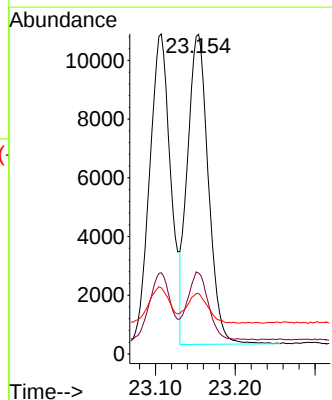
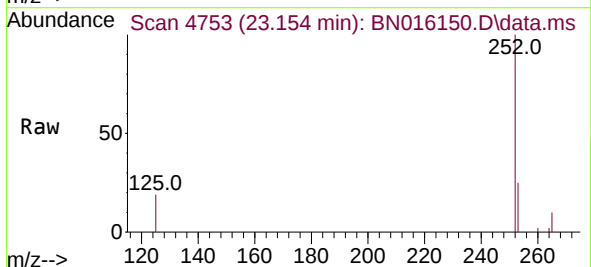
Instrument :
BNA_N
ClientSampleId :
SLCS905

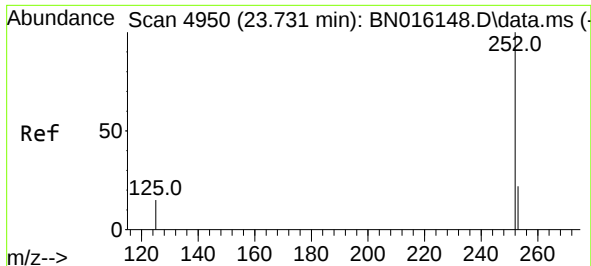
Tgt Ion:252 Resp: 19676
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.4
125 20.7 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. -0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:252 Resp: 19210
Ion Ratio Lower Upper
252 100
253 25.3 19.4 29.0
125 19.0 10.9 16.3#

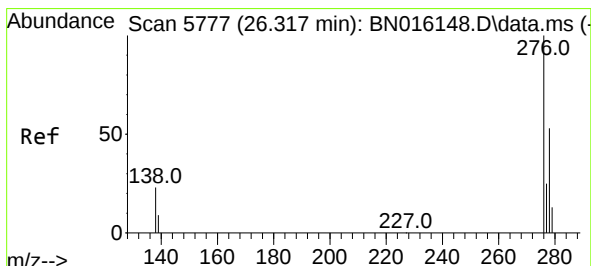
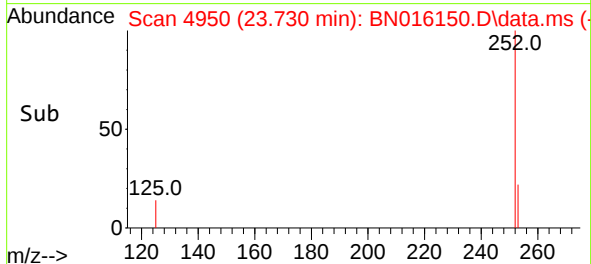
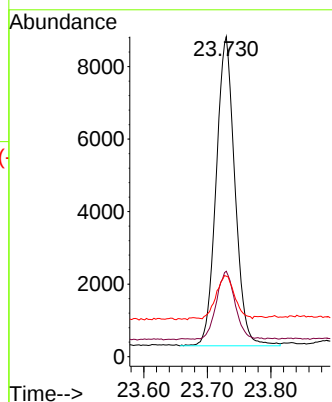
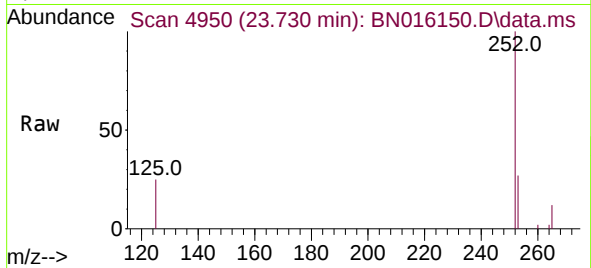




#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.730 min Scan# 4950
Delta R.T. -0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

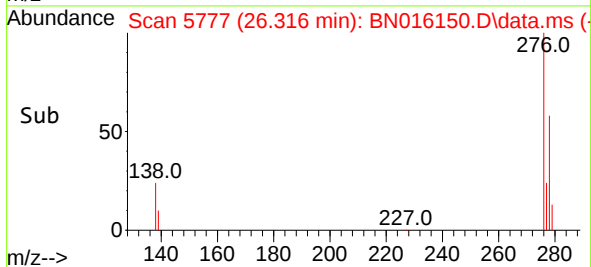
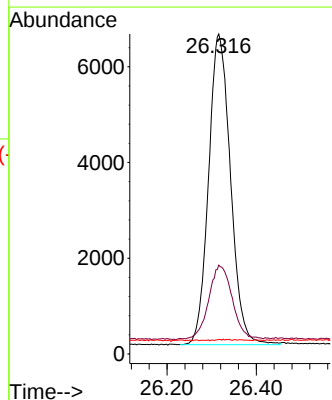
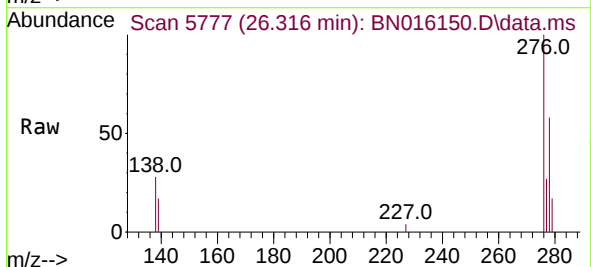
Instrument :
BNA_N
ClientSampleId :
SLCS905

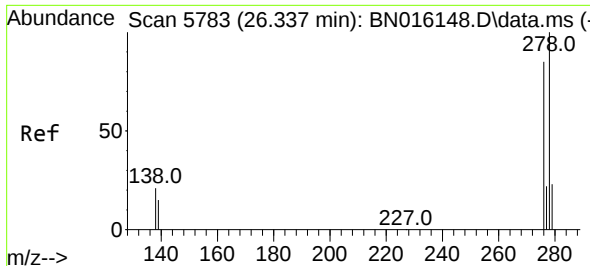
Tgt Ion:252 Resp: 17450
Ion Ratio Lower Upper
252 100
253 26.7 20.2 30.2
125 25.2 12.6 18.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.001 min
Lab File: BN016150.D
Acq: 02 Sep 2021 23:35

Tgt Ion:276 Resp: 22115
Ion Ratio Lower Upper
276 100
138 25.0 22.7 34.1
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.442 ng/ul

RT: 26.336 min Scan# 5783

Delta R.T. 0.006 min

Lab File: BN016150.D

Acq: 02 Sep 2021 23:35

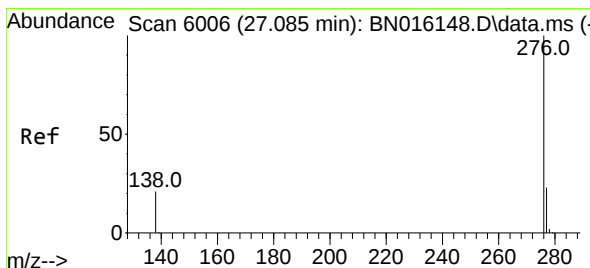
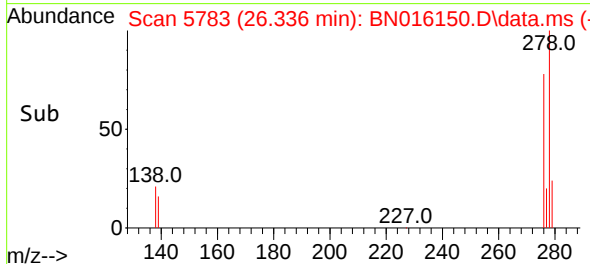
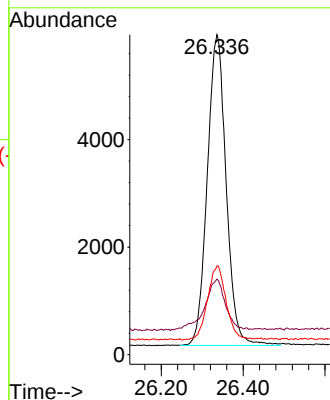
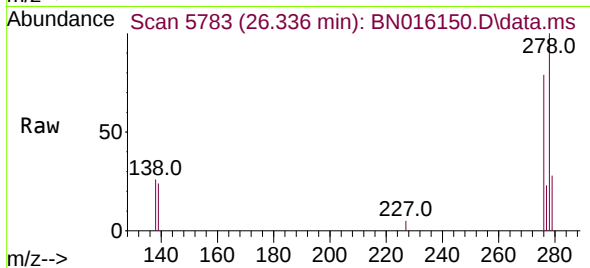
Instrument :

BNA_N

ClientSampleId :

SLCS905

Tgt Ion:	278	Resp:	18505
Ion Ratio	Lower	Upper	
278	100		
139	23.6	15.1	22.7#
279	27.7	20.5	30.7



#29

Benzo(g,h,i)perylene

Concen: 0.424 ng/ul

RT: 27.077 min Scan# 6004

Delta R.T. 0.003 min

Lab File: BN016150.D

Acq: 02 Sep 2021 23:35

Tgt Ion:	276	Resp:	18703
Ion Ratio	Lower	Upper	
276	100		
138	26.3	19.3	28.9
277	27.5	19.8	29.8

