

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051321\
 Data File : BN014614.D
 Acq On : 14 May 2021 06:35
 Operator : CG/JU
 Sample : PB136090BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS090

Quant Time: May 14 07:16:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 01:39:05 2021
 Response via : Initial Calibration

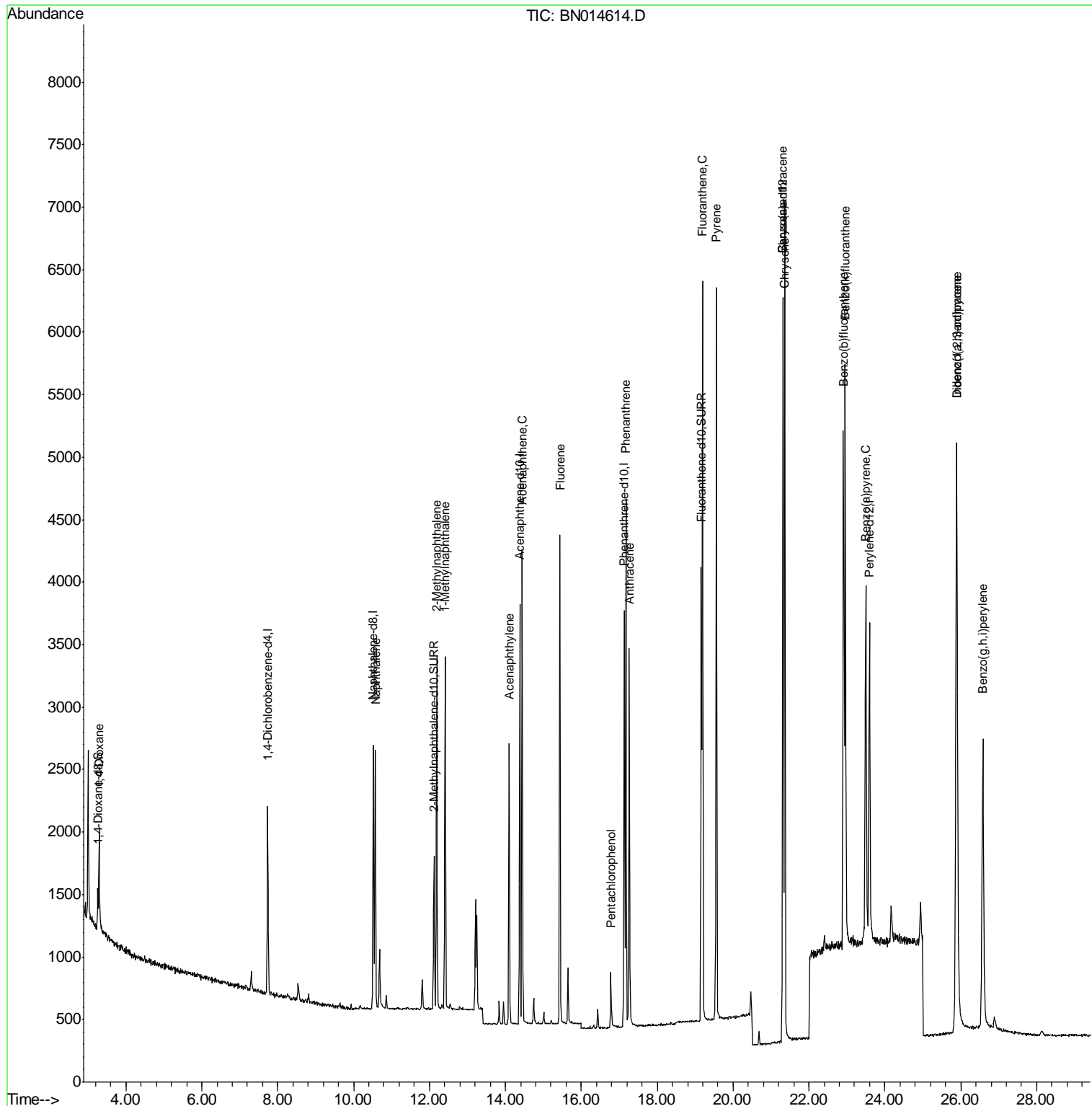
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	721	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	2904	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1783	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	3973	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	3935	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	3425	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	211	0.28	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	1657	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	4168	0.39	ng/ul	0.00
Target Compounds						
					Ovalue	
2) 1,4-Dioxane	3.29	88	579	0.704	ng/ul#	60
5) Naphthalene	10.57	128	2849	0.341	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	1984	0.331	ng/ul	100
8) 1-Methylnaphthalene	12.41	142	1908	0.331	ng/ul	98
10) Acenaphthylene	14.10	152	2509	0.369	ng/ul	98
11) Acenaphthene	14.44	153	2057	0.337	ng/ul	97
12) Fluorene	15.43	166	2426	0.329	ng/ul	98
14) Pentachlorophenol	16.78	266	331	0.425	ng/ul	98
15) Phenanthrene	17.17	178	4314	0.360	ng/ul	98
16) Anthracene	17.26	178	3277	0.330	ng/ul	99
19) Fluoranthene	19.20	202	5273	0.410	ng/ul	99
20) Pyrene	19.56	202	4870	0.382	ng/ul	99
21) Benzo(a)anthracene	21.31	228	4355	0.366	ng/ul	99
22) Chrysene	21.36	228	5827	0.411	ng/ul	100
24) Benzo(b)fluoranthene	22.91	252	5826	0.406	ng/ul	98
25) Benzo(k)fluoranthene	22.95	252	6432	0.430	ng/ul	99
26) Benzo(a)pyrene	23.49	252	4720	0.418	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.89	276	6860	0.415	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.90	278	5310	0.390	ng/ul	98
29) Benzo(g,h,i)perylene	26.58	276	5401	0.393	ng/ul	98

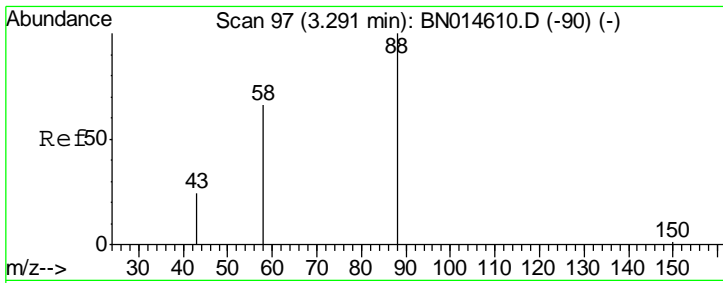
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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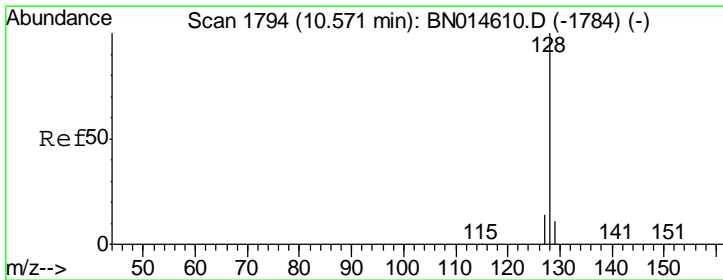
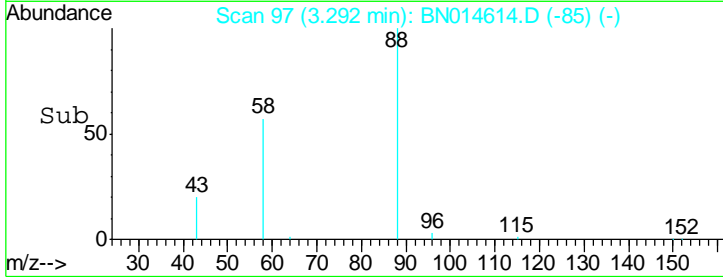
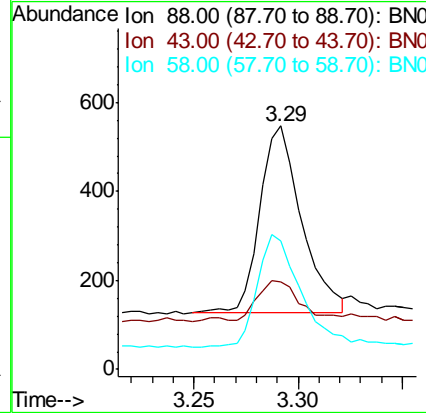
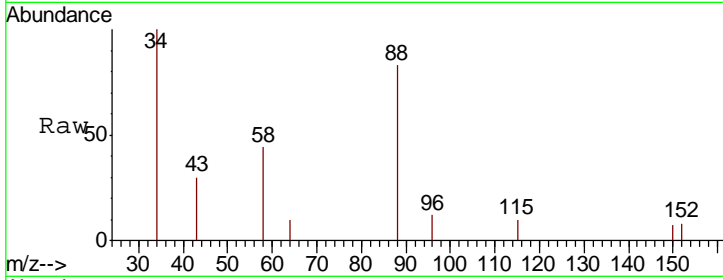




#2
 1,4-Dioxane
 Concen: 0.704 ng/ul
 RT: 3.29 min Scan# 97
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

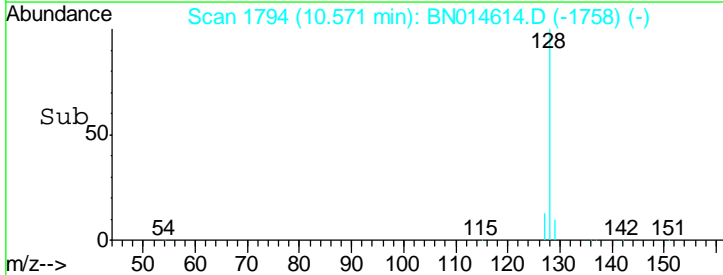
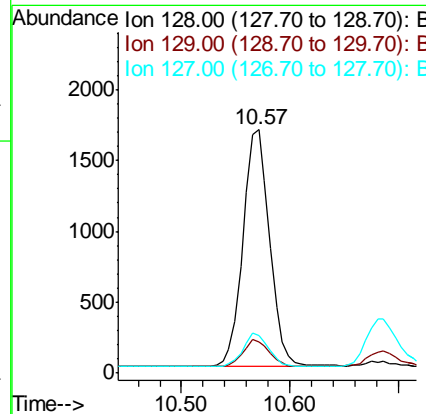
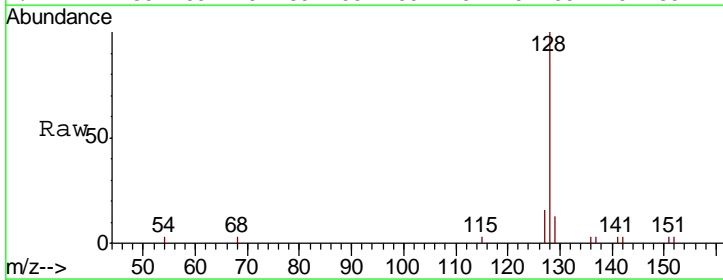
Instrument :
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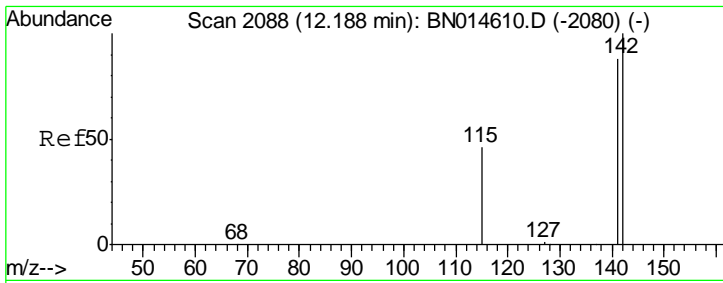
Tgt Ion	Resp	Lower	Upper
88	579		
43	35.8	15.7	23.5#
58	52.8	23.8	35.6#



#5
 Naphthalene
 Concen: 0.341 ng/ul
 RT: 10.57 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
128	2849		
129	12.7	11.6	17.4
127	15.5	13.3	19.9

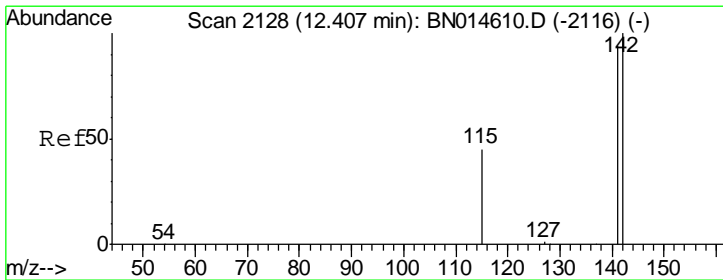
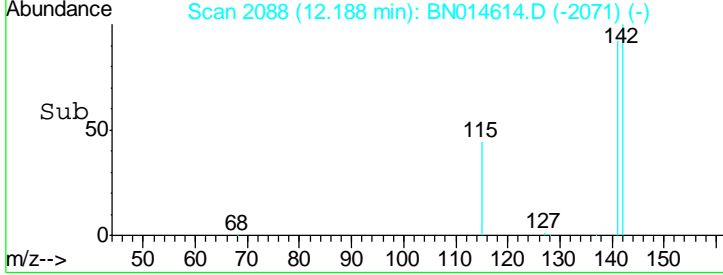
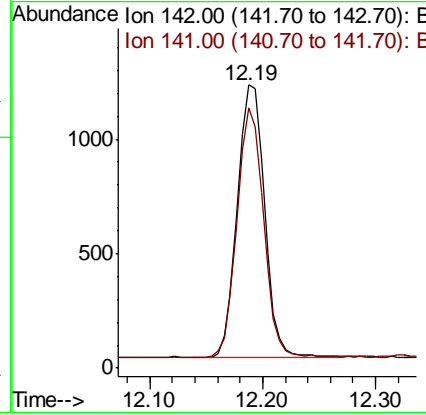
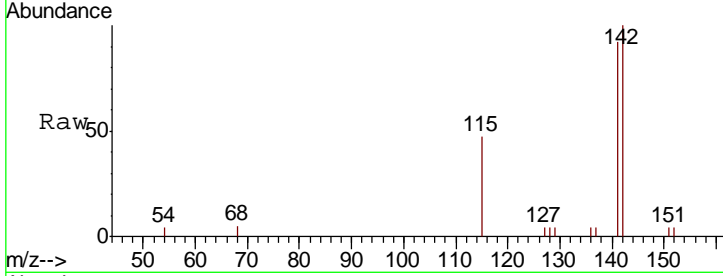




#7
 2-Methylnaphthalene
 Concen: 0.331 ng/ul
 RT: 12.19 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

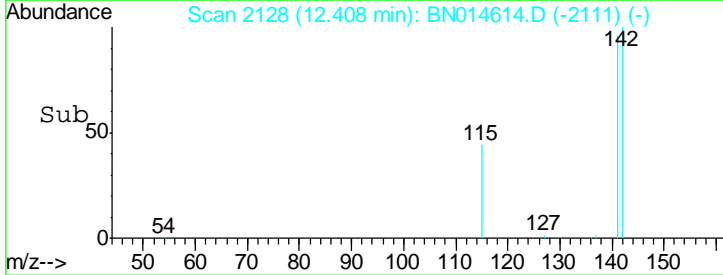
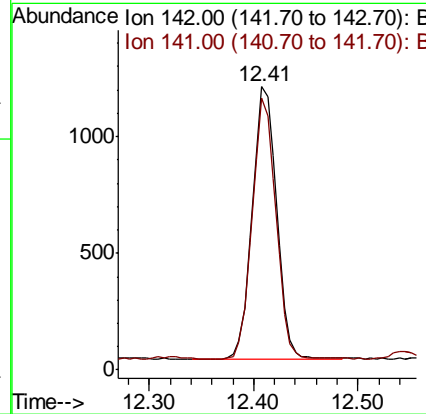
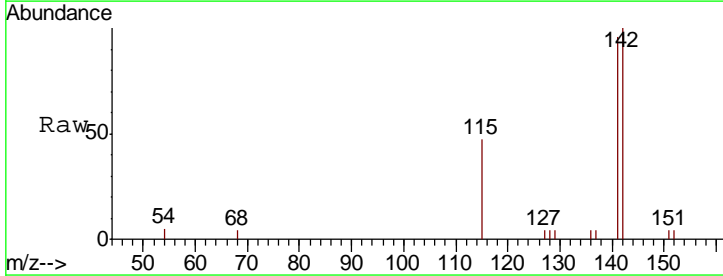
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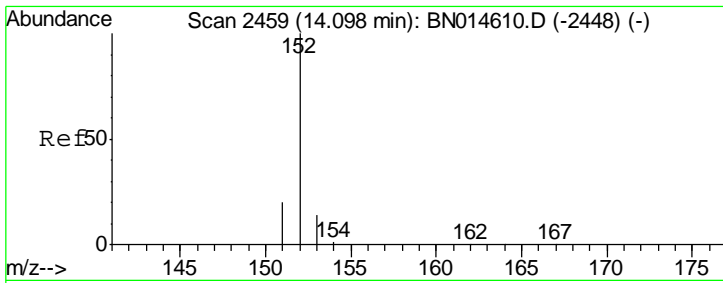
Tgt Ion:142 Resp: 1984
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.9 106.3



#8
 1-Methylnaphthalene
 Concen: 0.331 ng/ul
 RT: 12.41 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion:142 Resp: 1908
 Ion Ratio Lower Upper
 142 100
 141 93.1 75.9 113.9

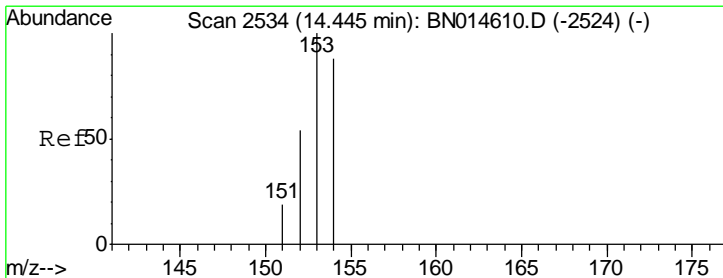
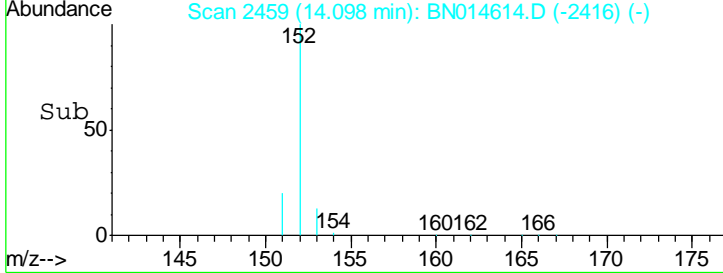
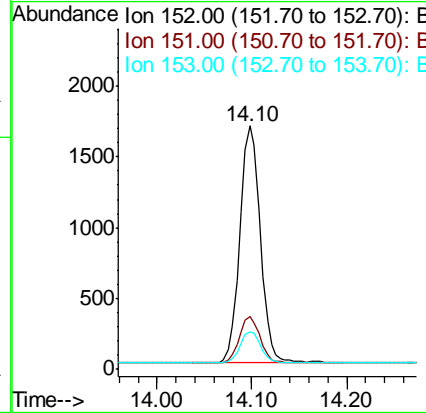
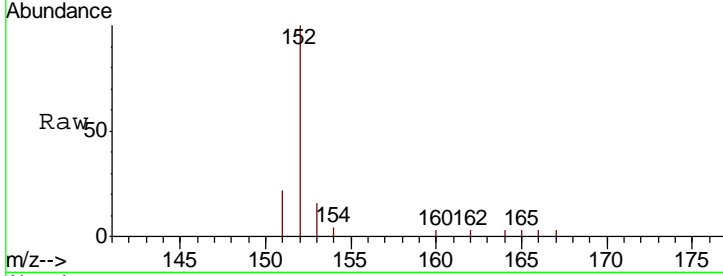




#10
 Acenaphthylene
 Concen: 0.369 ng/ul
 RT: 14.10 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

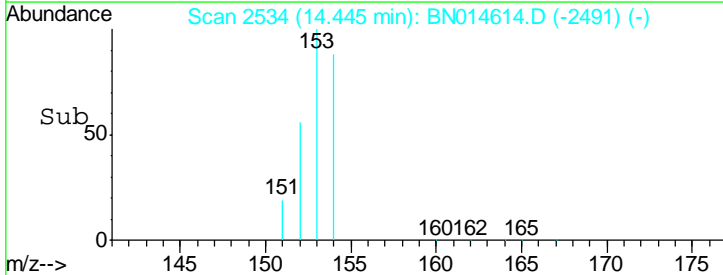
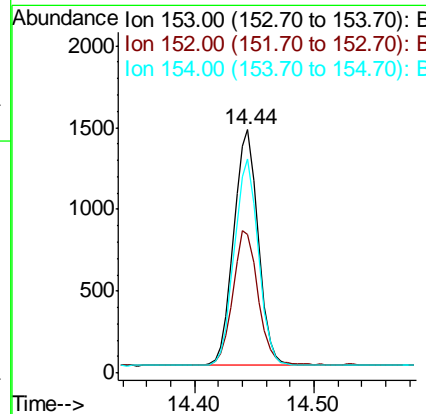
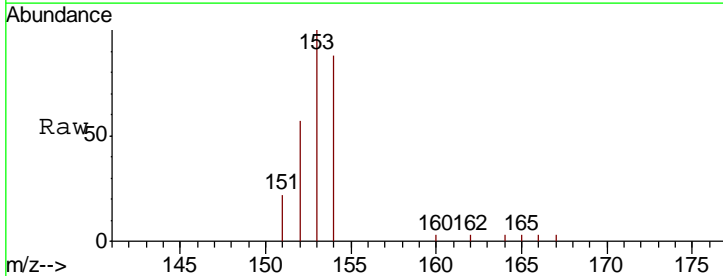
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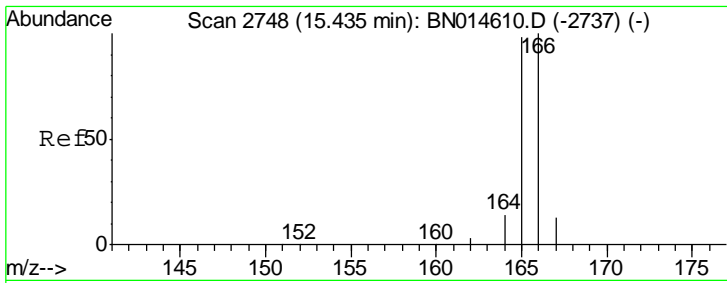
Tgt Ion	Resp	Lower	Upper
152	100		
151	21.8	18.2	27.2
153	15.6	12.8	19.2



#11
 Acenaphthene
 Concen: 0.337 ng/ul
 RT: 14.44 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
153	100		
152	57.2	40.9	61.3
154	88.2	70.7	106.1

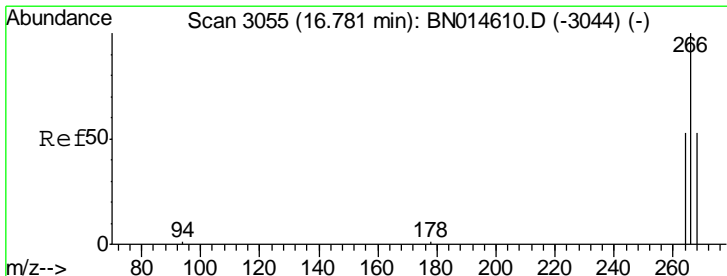
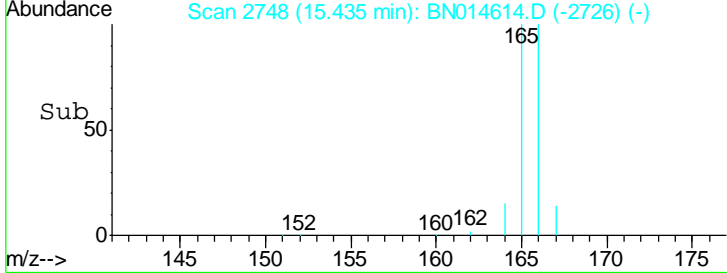
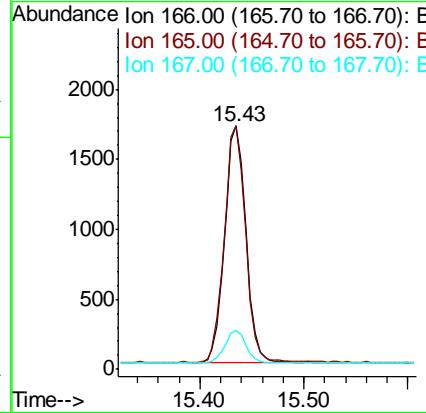
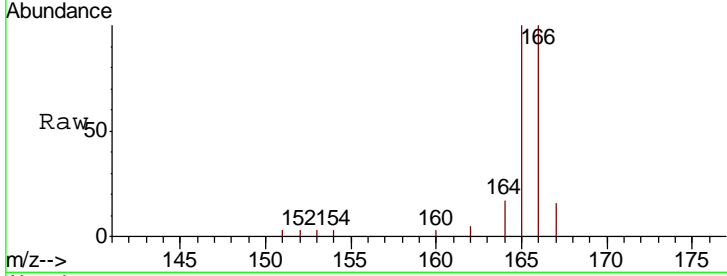




#12
 Fluorene
 Concen: 0.329 ng/ul
 RT: 15.43 min Scan# 2748
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

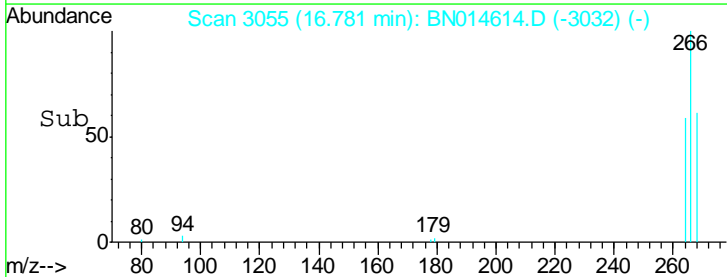
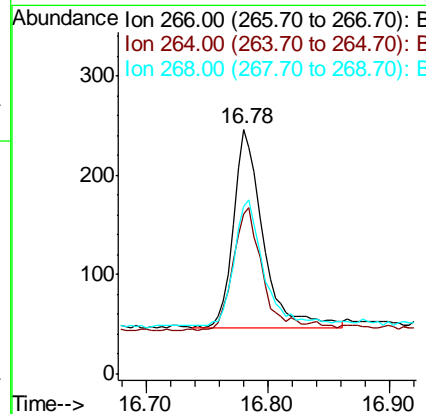
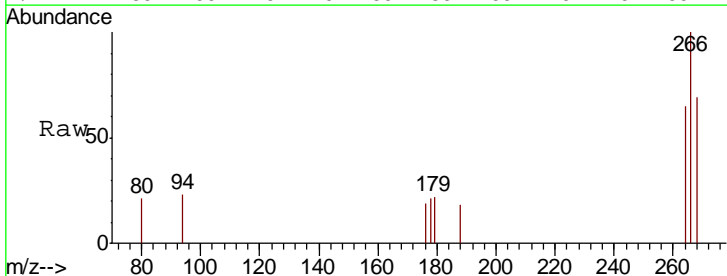
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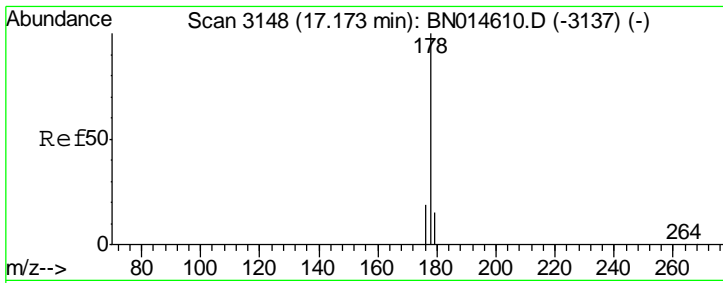
Tgt Ion	Resp	Lower	Upper
166	2426		
165	100.1	78.6	118.0
167	15.9	13.2	19.8



#14
 Pentachlorophenol
 Concen: 0.425 ng/ul
 RT: 16.78 min Scan# 3055
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
266	331		
264	62.5	49.4	74.2
268	63.1	49.1	73.7

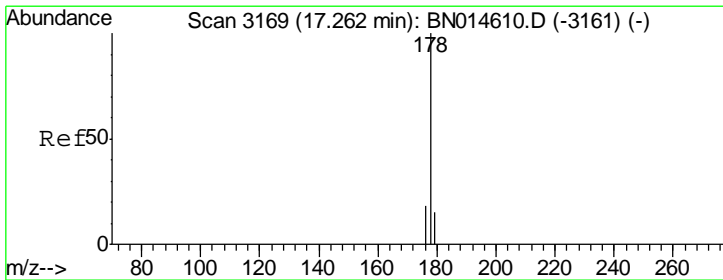
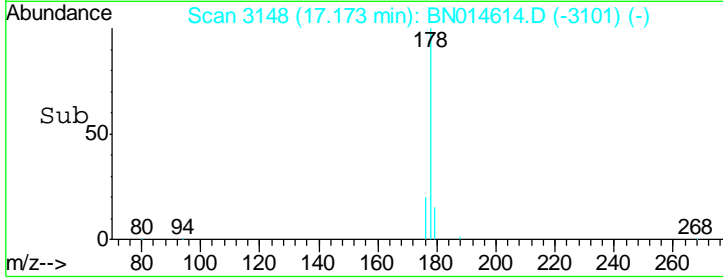
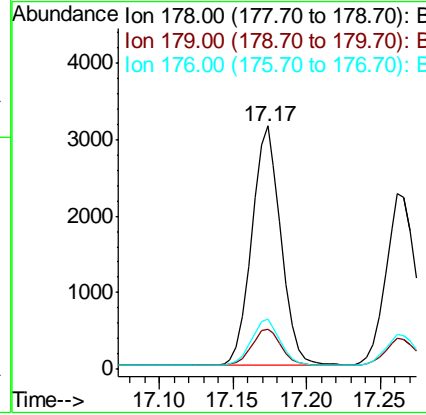
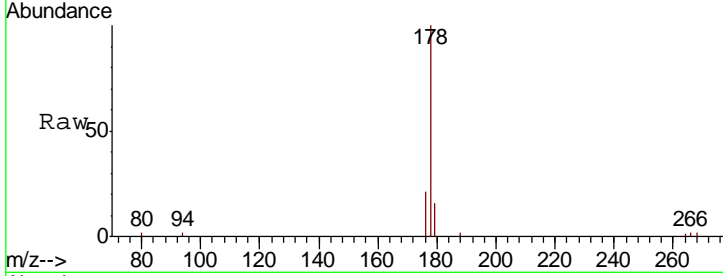




#15
 Phenanthrene
 Concen: 0.360 ng/ul
 RT: 17.17 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

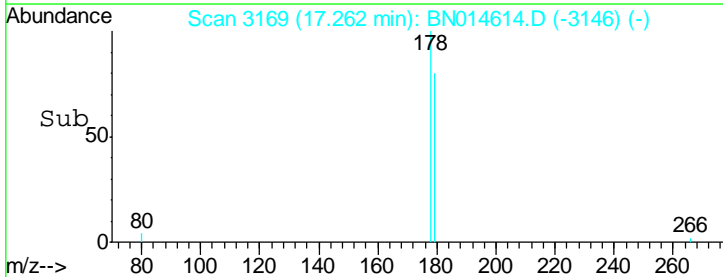
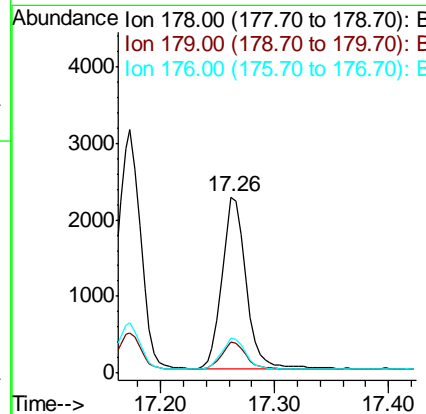
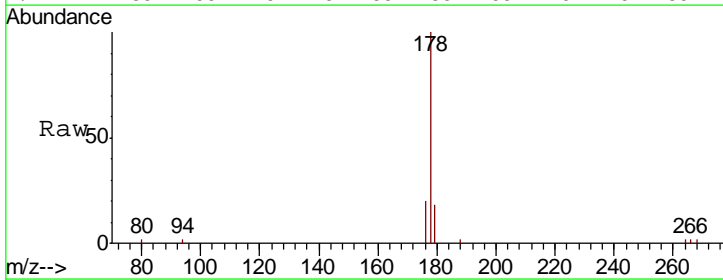
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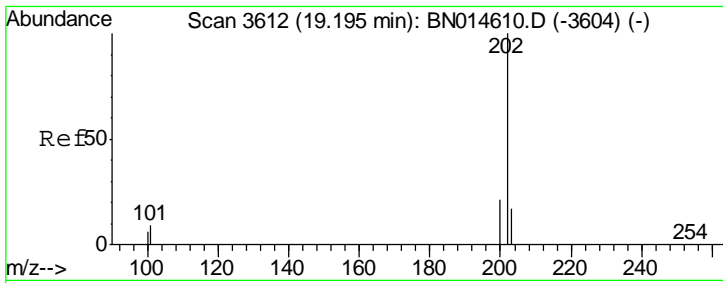
Tgt Ion	Resp	Lower	Upper
178	100		
179	16.5	14.1	21.1
176	20.7	16.9	25.3



#16
 Anthracene
 Concen: 0.330 ng/ul
 RT: 17.26 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
178	100		
179	17.7	14.1	21.1
176	20.2	15.8	23.6

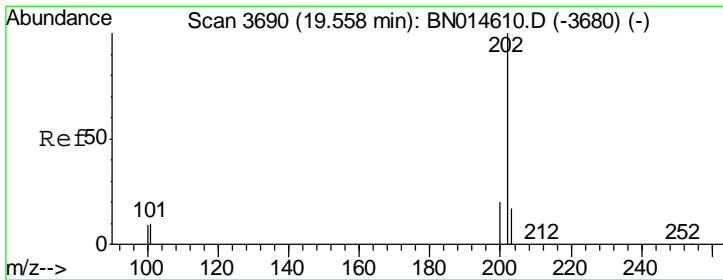
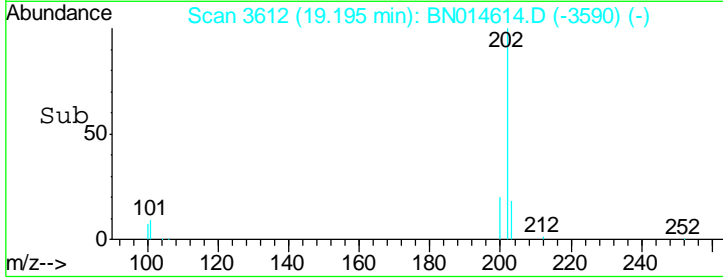
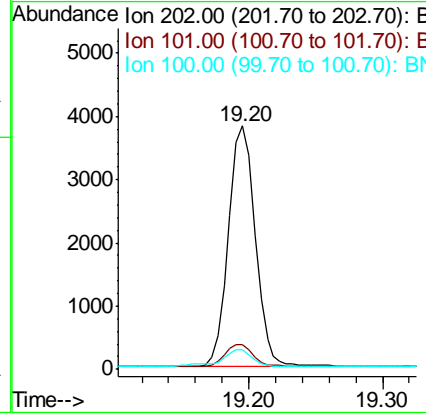
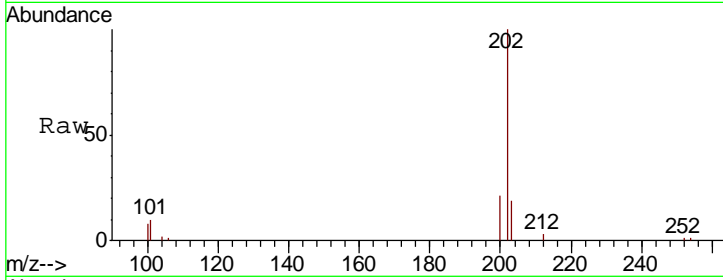




#19
 Fluoranthene
 Concen: 0.410 ng/ul
 RT: 19.20 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

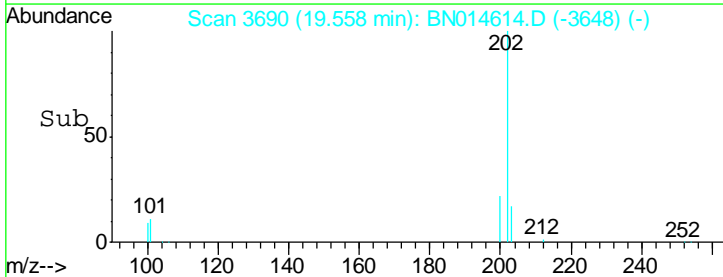
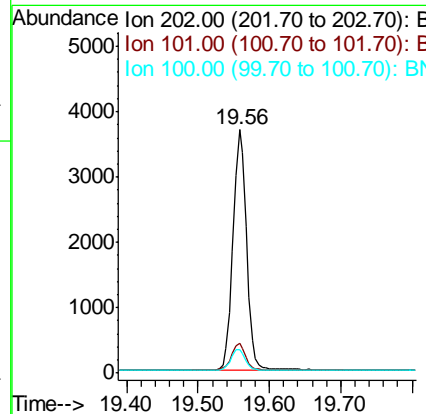
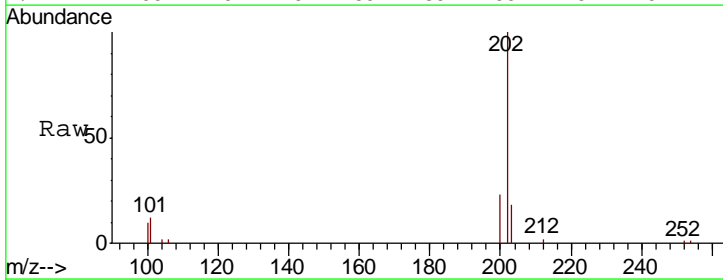
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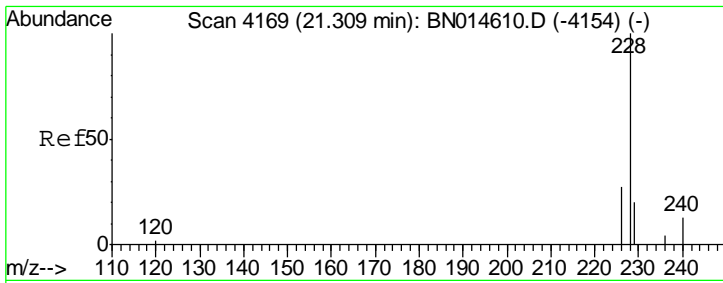
Tgt Ion	Resp	Lower	Upper
202	5273		
101	10.4	8.3	12.5
100	7.8	6.7	10.1



#20
 Pyrene
 Concen: 0.382 ng/ul
 RT: 19.56 min Scan# 3690
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
202	4870		
101	12.2	9.4	14.0
100	9.7	8.2	12.4

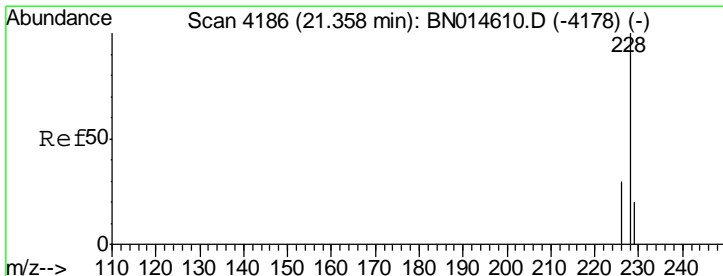
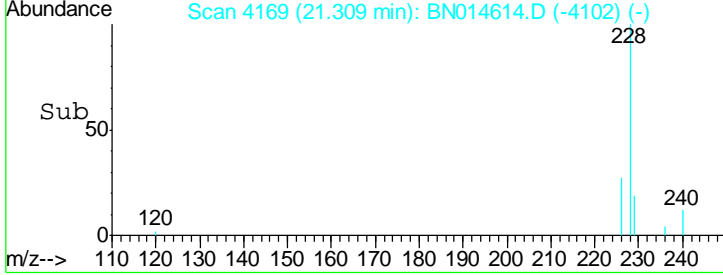
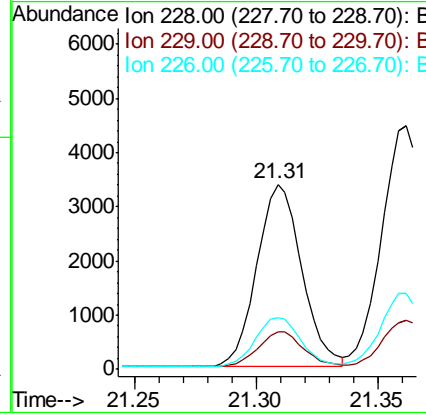
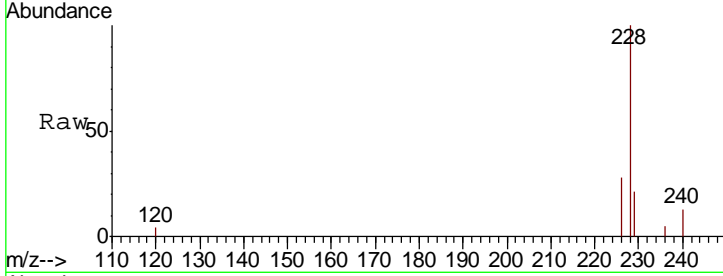




#21
 Benzo(a)anthracene
 Concen: 0.366 ng/ul
 RT: 21.31 min Scan# 4169
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

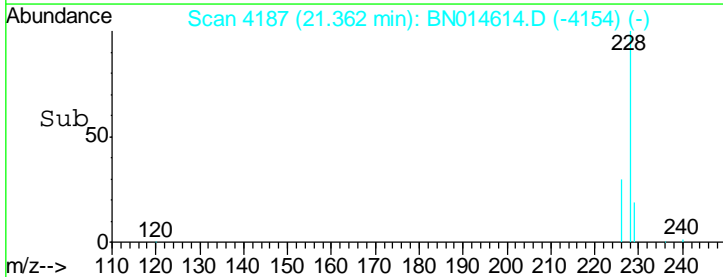
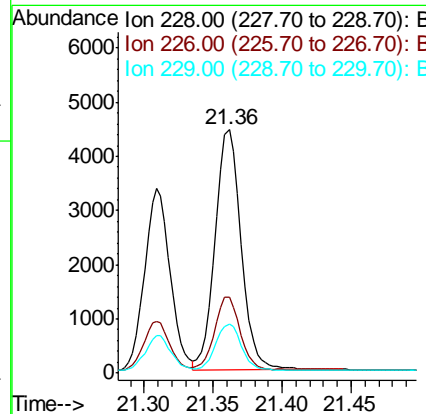
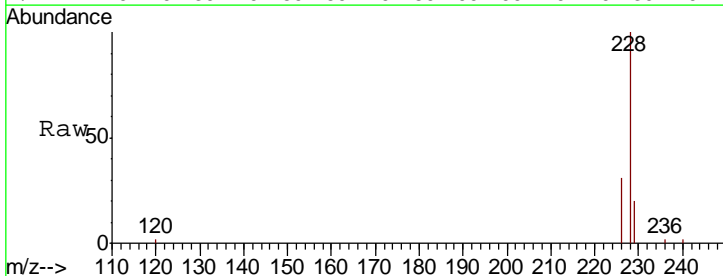
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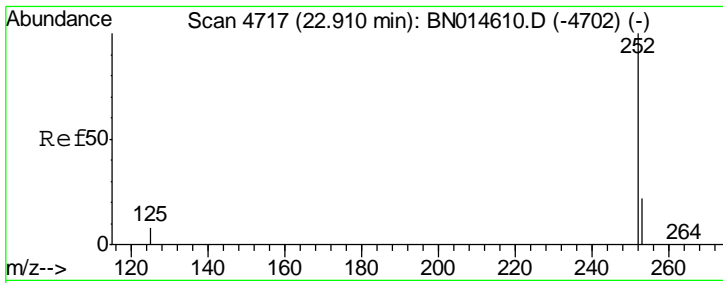
Tgt Ion	Resp	Lower	Upper
228	4355		
229	20.5	16.0	24.0
226	27.9	22.2	33.2



#22
 Chrysene
 Concen: 0.411 ng/ul
 RT: 21.36 min Scan# 4187
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
228	5827		
226	31.2	24.9	37.3
229	20.2	16.3	24.5

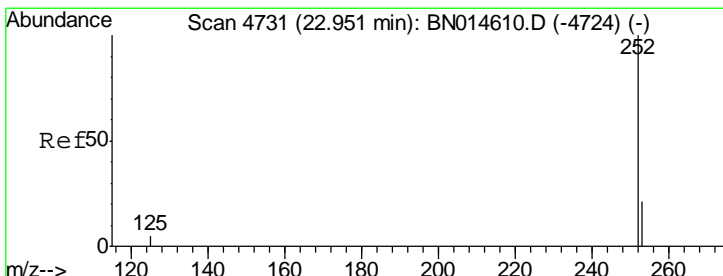
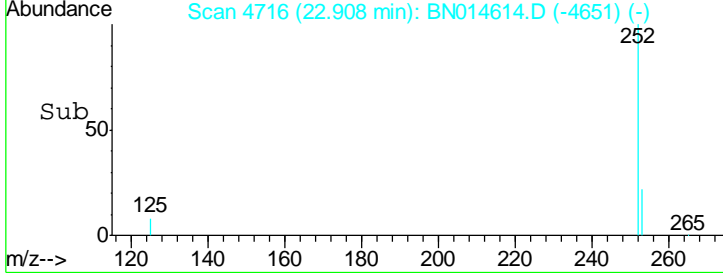
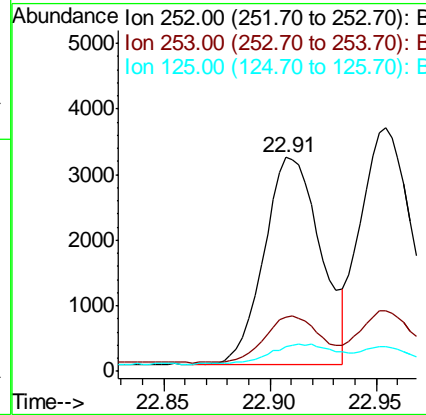
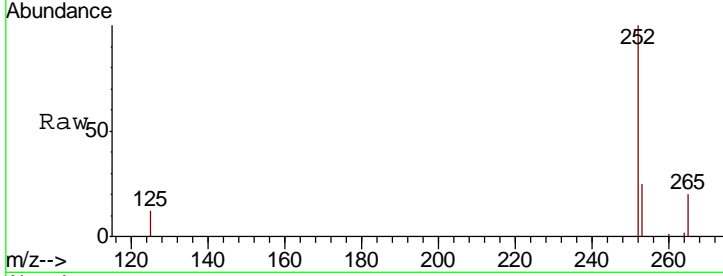




#24
 Benzo(b)fluoranthene
 Concen: 0.406 ng/ul
 RT: 22.91 min Scan# 4716
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

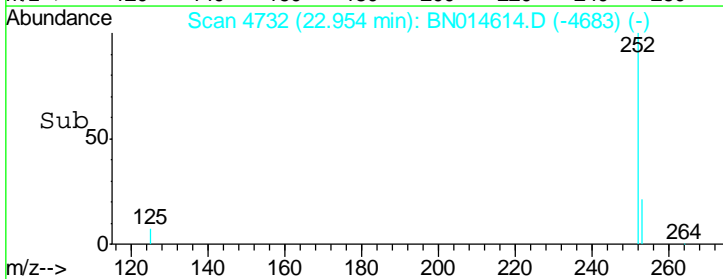
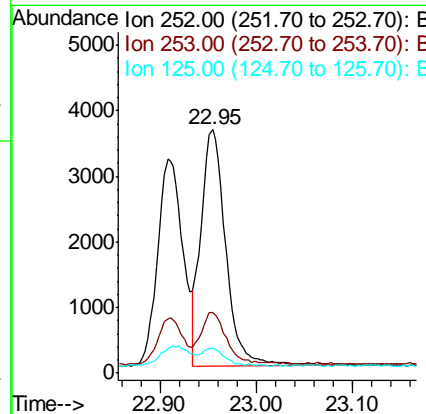
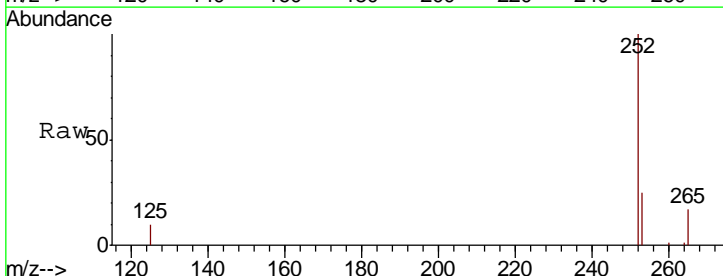
Instrument :
 BNA_N
 ClientSampled :
 SLCS090

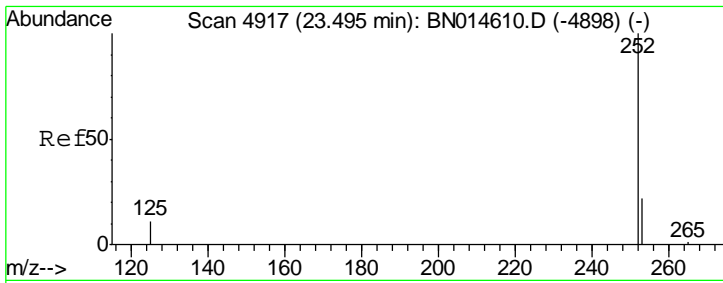
Tgt Ion	Resp	Lower	Upper
252	5826		
253	25.2	0.0	51.0
125	11.6	0.0	20.2



#25
 Benzo(k)fluoranthene
 Concen: 0.430 ng/ul
 RT: 22.95 min Scan# 4732
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
252	6432		
253	24.7	20.2	30.2
125	10.1	8.4	12.6

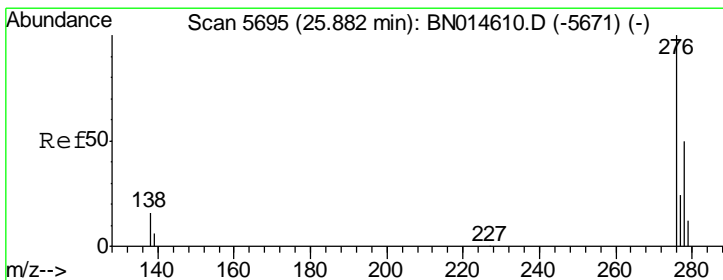
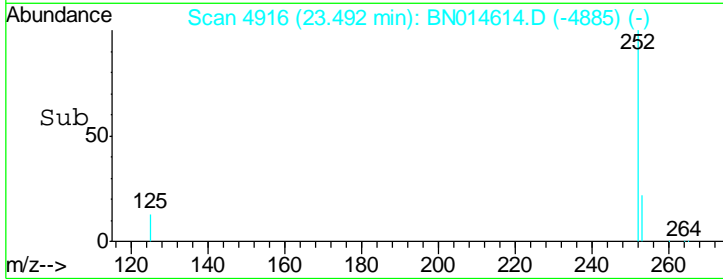
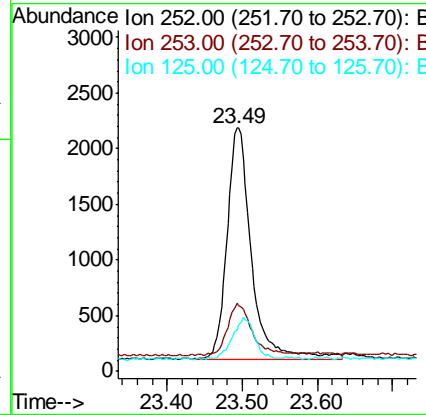
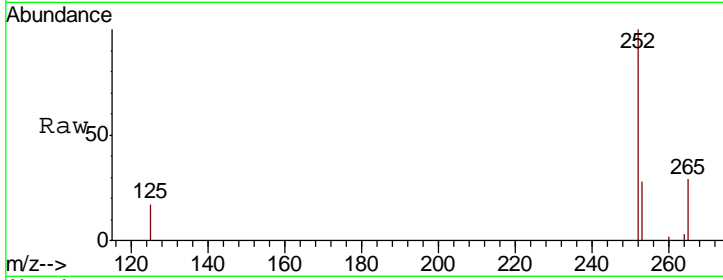




#26
 Benzo(a)pyrene
 Concen: 0.418 ng/ul
 RT: 23.49 min Scan# 4916
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

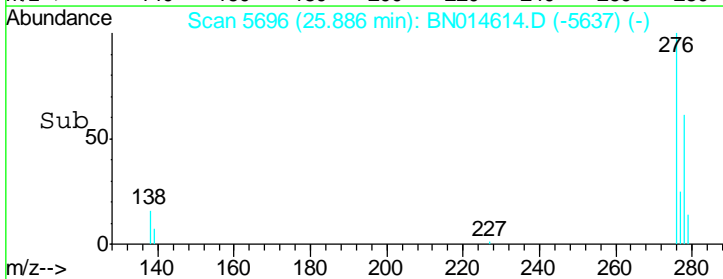
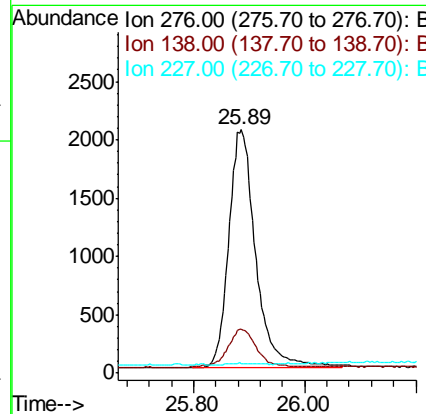
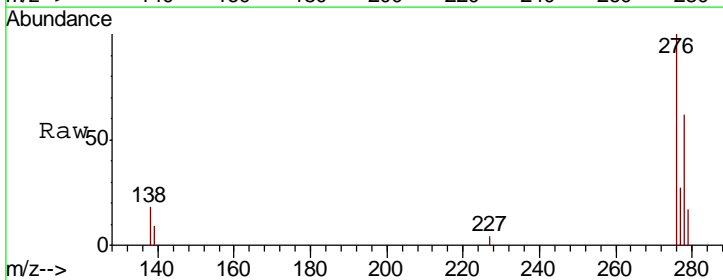
Instrument :
 BNA_N
 ClientSampleID :
 SLCS090

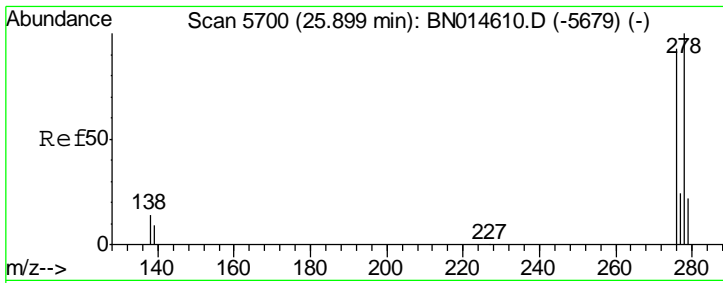
Tgt Ion	Resp	Lower	Upper
252	4720		
253	27.8	23.0	34.4
125	16.8	11.4	17.2



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng/ul
 RT: 25.89 min Scan# 5696
 Delta R.T. -0.00 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
276	6860		
138	17.1	14.1	21.1
227	0.2	0.0	0.0#

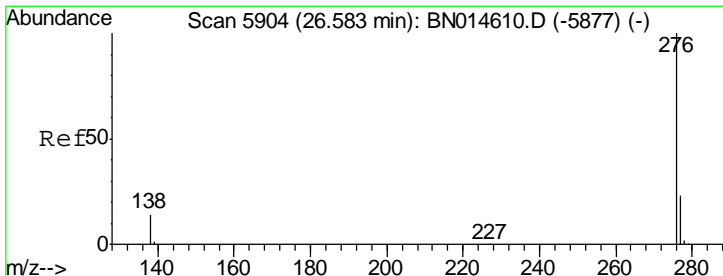
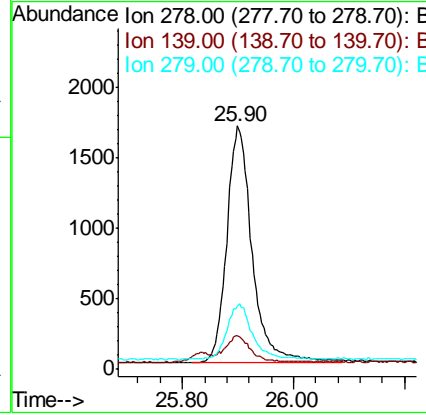
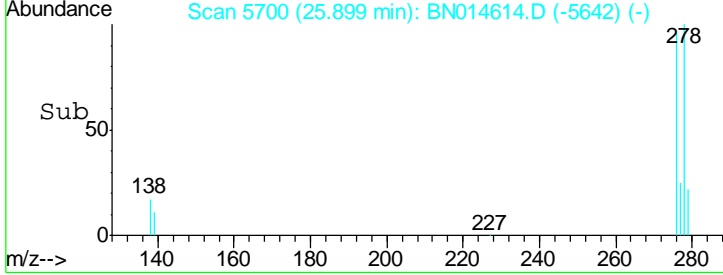
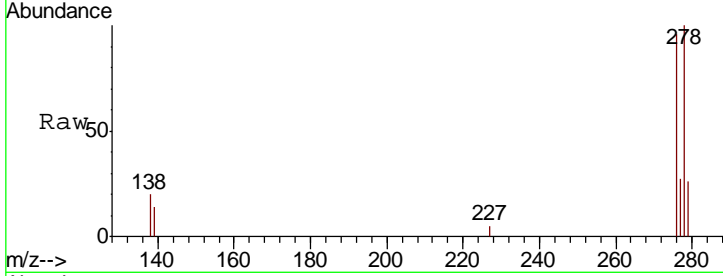




#28
 Dibenzo(a,h)anthracene
 Concen: 0.390 ng/ul
 RT: 25.90 min Scan# 5700
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Instrument :
 BNA_N
 ClientSampled :
 SLCS090

Tgt Ion	Resp	Lower	Upper
278	5310		
278	100		
139	14.1	10.4	15.6
279	26.0	21.8	32.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.393 ng/ul
 RT: 26.58 min Scan# 5903
 Delta R.T. -0.01 min
 Lab File: BN014614.D
 Acq: 14 May 2021 06:35

Tgt Ion	Resp	Lower	Upper
276	5401		
276	100		
138	16.7	12.6	18.8
277	25.6	20.9	31.3

