

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
 Data File : BN013683.D
 Acq On : 19 Feb 2021 14:56
 Operator : CG/JU
 Sample : M1448-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 15:36:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

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

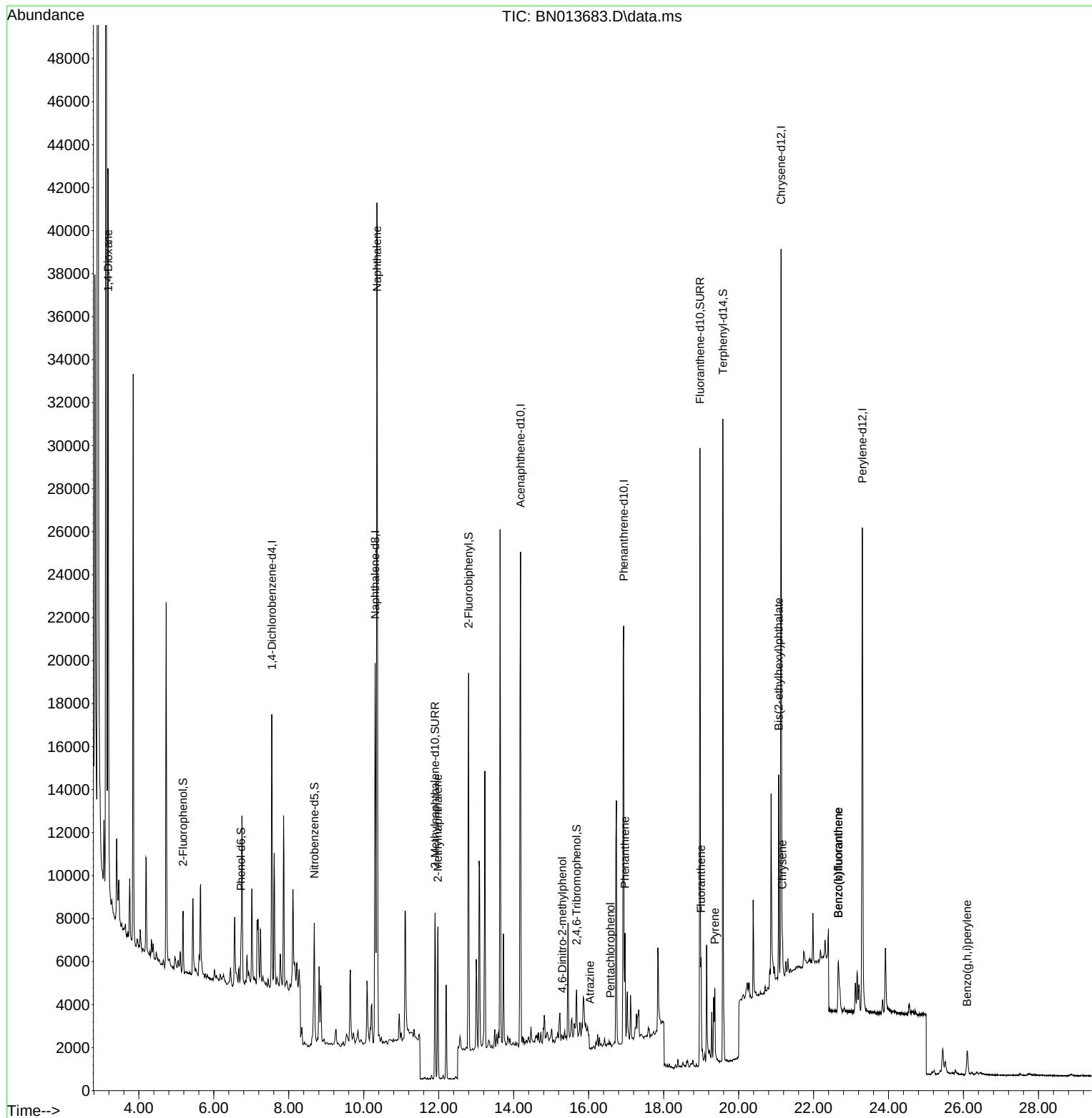
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	5685	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	22801	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	13576	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	29525	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	30095	0.40	ng	0.00
36) Perylene-d12	23.301	264	28545	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	2198	0.18	ng	0.00
5) Phenol-d6	6.726	99	1694	0.11	ng	0.00
8) Nitrobenzene-d5	8.680	82	4198	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	10422	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1733	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	15354	0.30	ng	0.00
27) Fluoranthene-d10	18.970	212	31067	0.39	ng	0.00
31) Terphenyl-d14	19.581	244	29147	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	21068	3.31	ng	97
9) Naphthalene	10.353	128	48929	0.87	ng	100
12) 2-Methylnaphthalene	11.977	142	5024	0.13	ng	99
20) 4,6-Dinitro-2-methylph...	15.298	198	112	0.18	ng	# 1
23) Atrazine	16.033	200	221	0.02	ng	# 1
24) Pentachlorophenol	16.581	266	74	0.21	ng	# 88
25) Phenanthrene	16.970	178	5057	0.06	ng	97
28) Fluoranthene	19.000	202	3638	0.04	ng	# 96
30) Pyrene	19.367	202	3212	0.04	ng	# 94
33) Chrysene	21.165	228	1939	0.02	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.069	149	8087	0.34	ng	99
37) Benzo(b)fluoranthene	22.657	252	3359	0.03	ng	# 31
38) Benzo(k)fluoranthene	22.657	252	3359	0.03	ng	# 33
41) Benzo(g,h,i)perylene	26.097	276	2180	0.02	ng	# 79

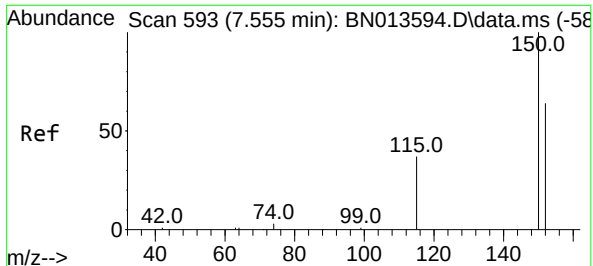
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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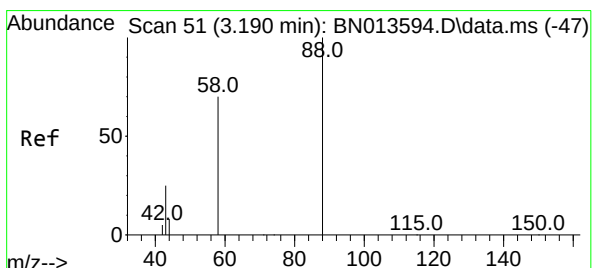
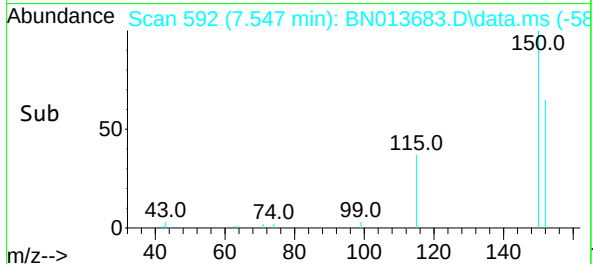
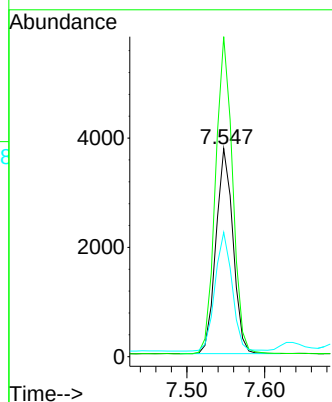
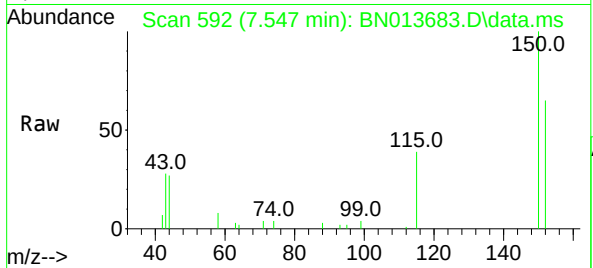




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.547 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BN013683.D
 Acq: 19 Feb 2021 14:56

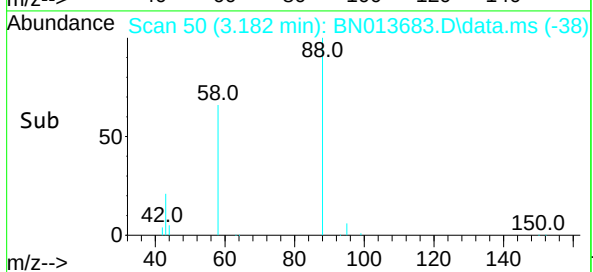
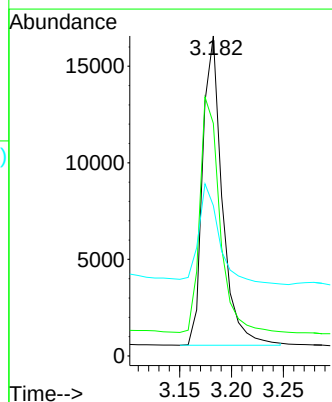
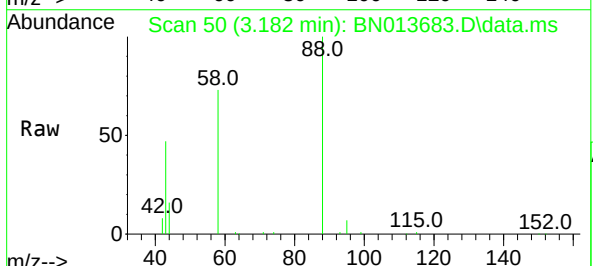
Instrument :
 BNA_N
 ClientSampled :

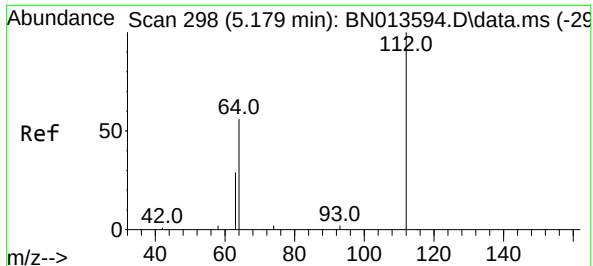
Tgt Ion:152 Resp: 5685
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.8 182.8
 115 59.7 46.6 69.8



#2
 1,4-Dioxane
 Concen: 3.31 ng
 RT: 3.182 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN013683.D
 Acq: 19 Feb 2021 14:56

Tgt Ion: 88 Resp: 21068
 Ion Ratio Lower Upper
 88 100
 58 77.5 64.6 96.8
 43 33.9 26.6 40.0

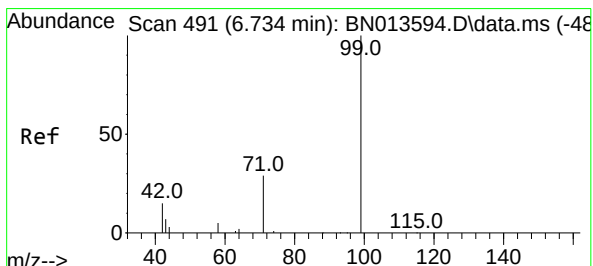
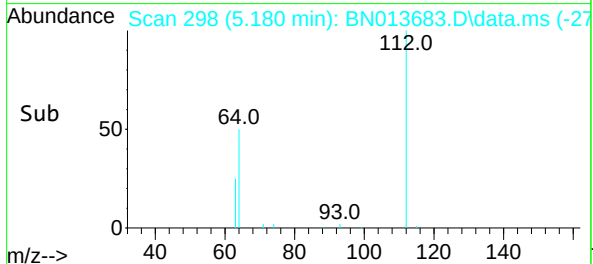
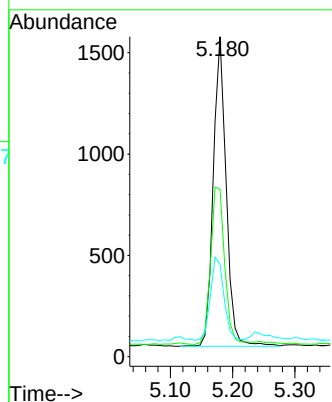
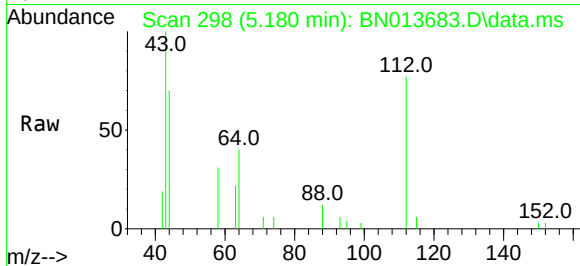




#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

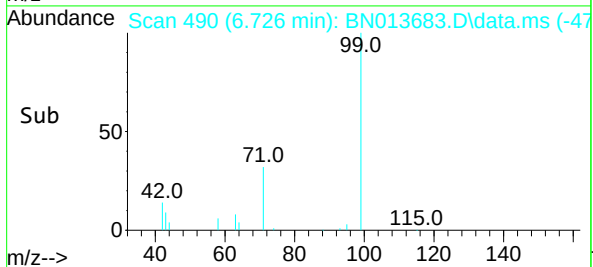
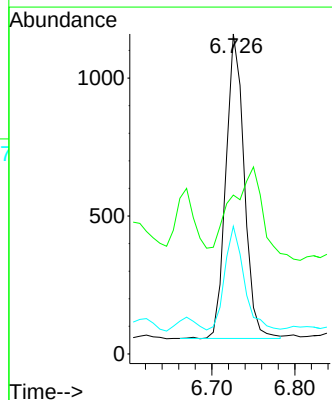
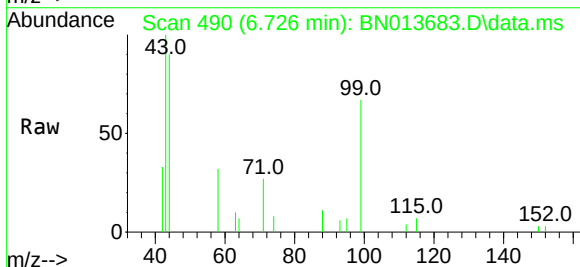
Instrument :
BNA_N
ClientSampleId :

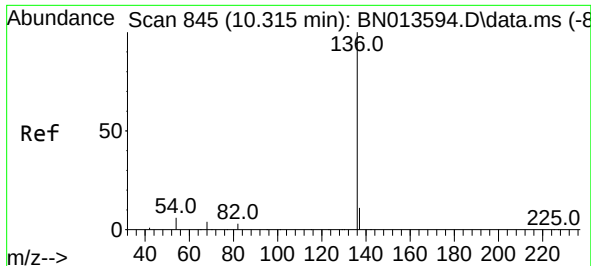
Tgt Ion:	112	Resp:	2198
Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.3	66.5
63	27.7	23.0	34.6



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

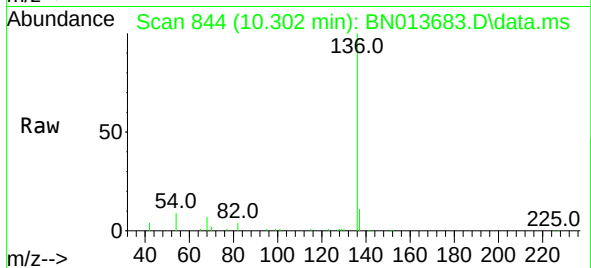
Tgt Ion:	99	Resp:	1694
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	35.8	26.1	39.1



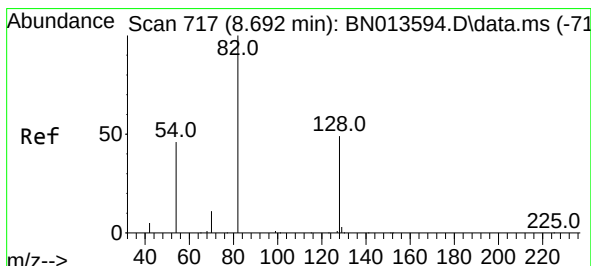
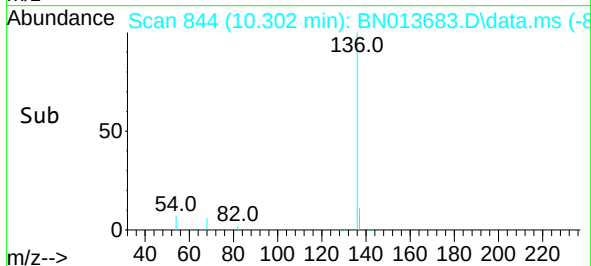
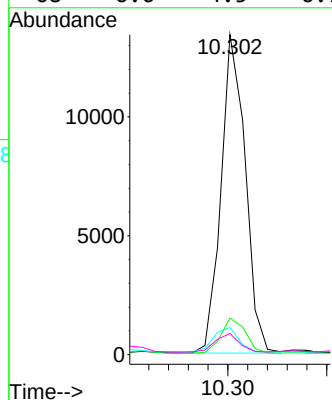


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Instrument :
BNA_N
ClientSampleId :

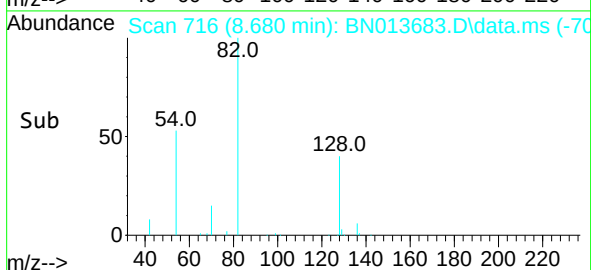
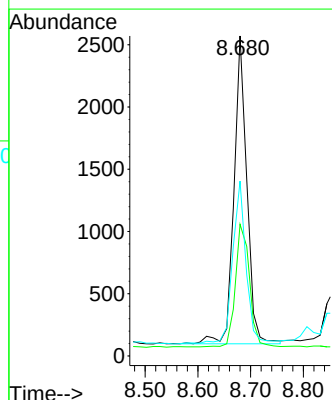
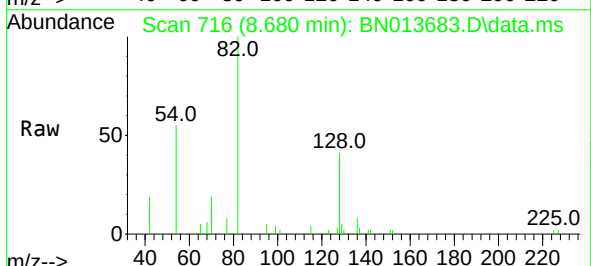


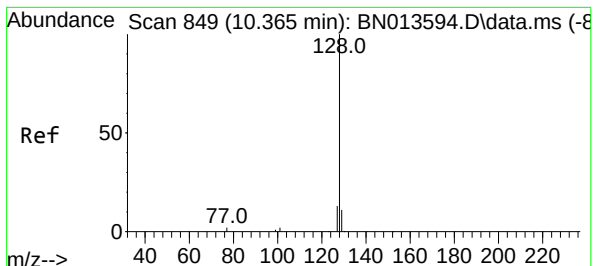
Tgt Ion:136	Resp:	22801
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	8.5	6.4 9.6
68	6.6	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion: 82	Resp:	4198
Ion Ratio	Lower	Upper
82	100	
128	41.2	39.2 58.8
54	54.6	40.1 60.1

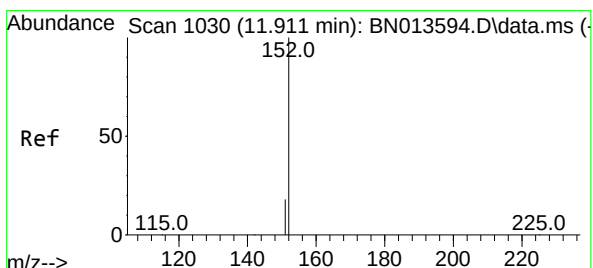
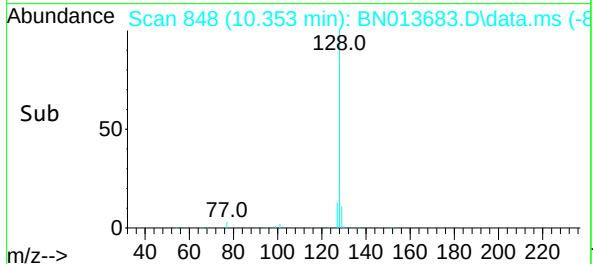
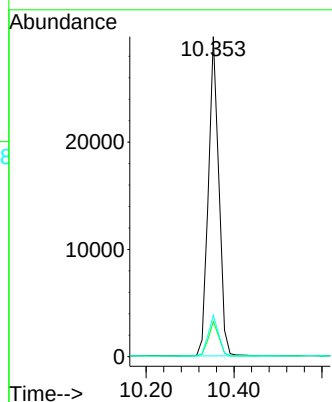
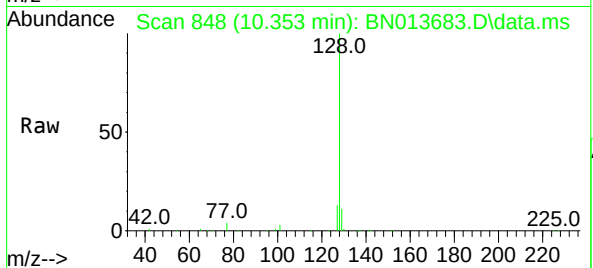




#9
Naphthalene
Concen: 0.87 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

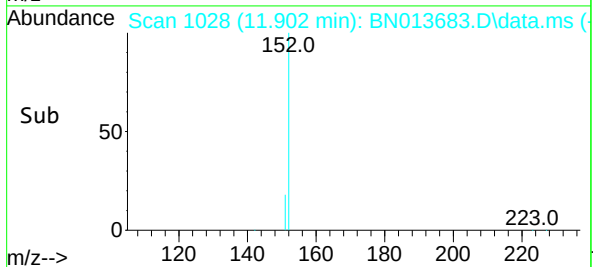
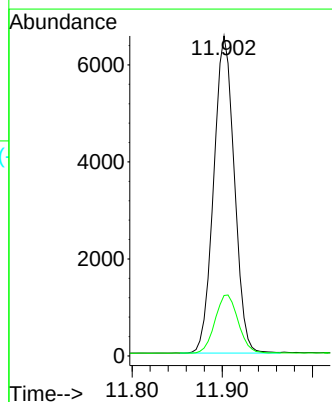
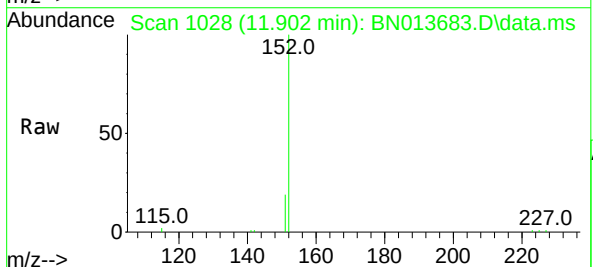
Instrument :
BNA_N
ClientSampleId :

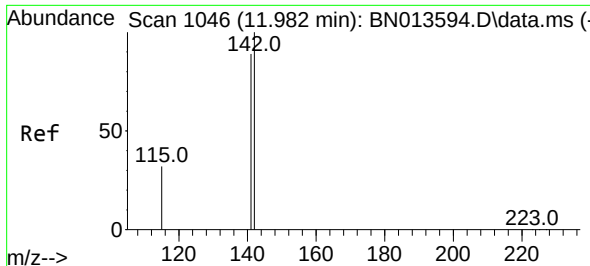
Tgt Ion:128 Resp: 48929
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:152 Resp: 10422
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

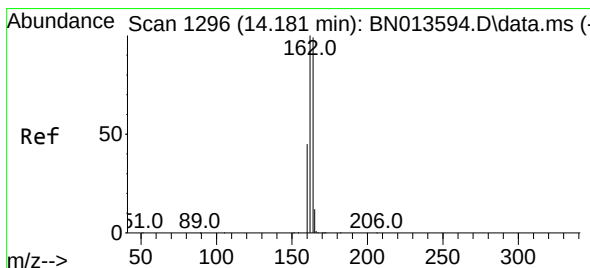
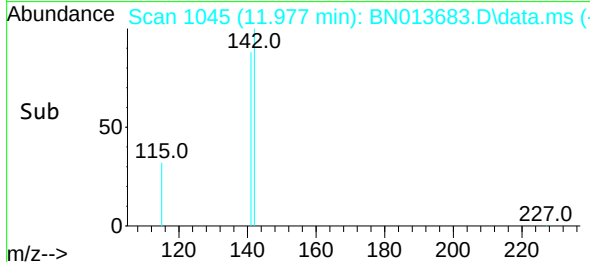
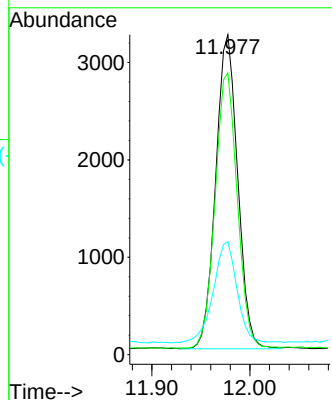
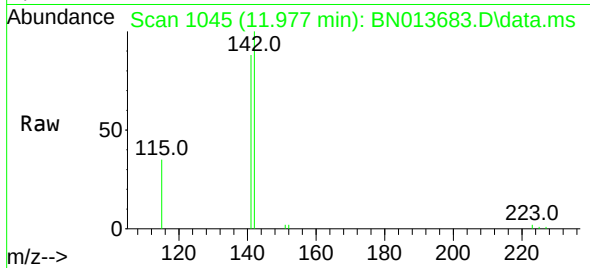




#12
2-Methylnaphthalene
Concen: 0.13 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

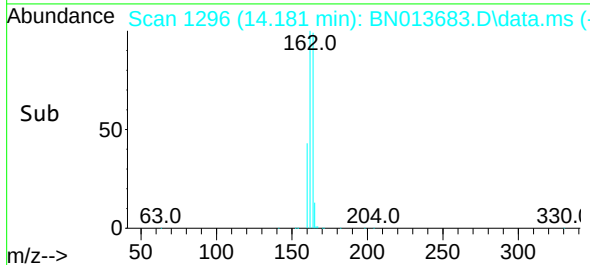
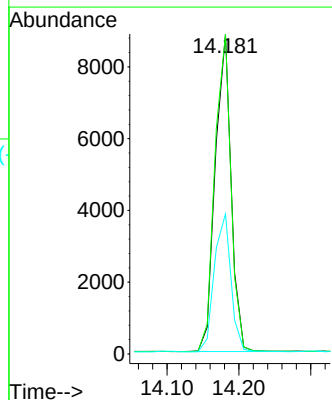
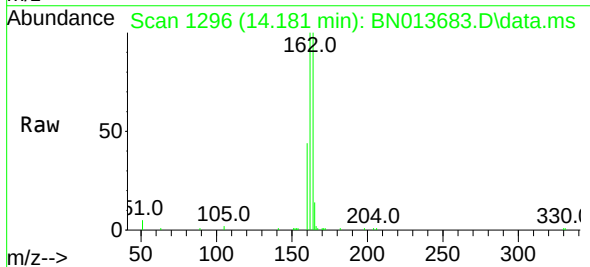
Instrument :
BNA_N
ClientSampleId :

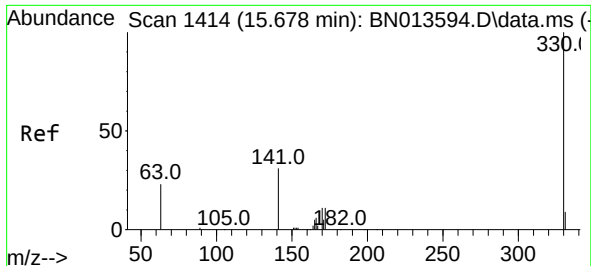
Tgt Ion:142 Resp: 5024
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 35.3 27.4 41.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:164 Resp: 13576
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 43.8 36.0 54.0

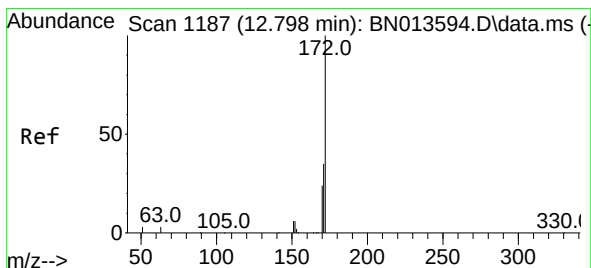
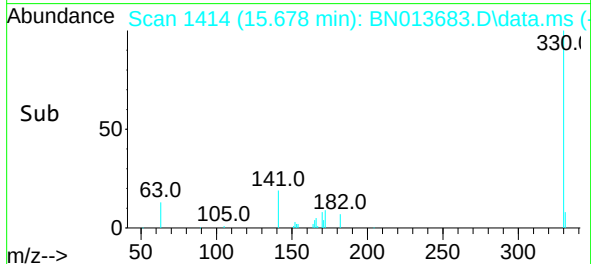
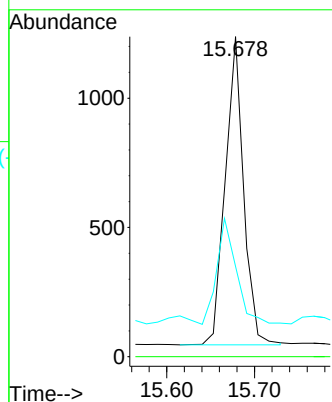
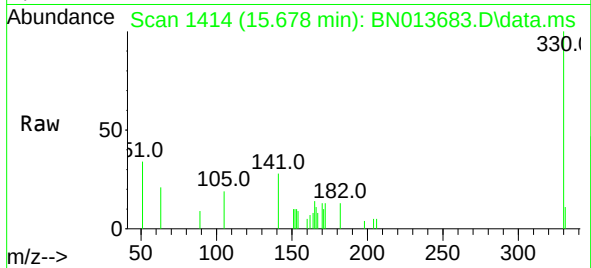




#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

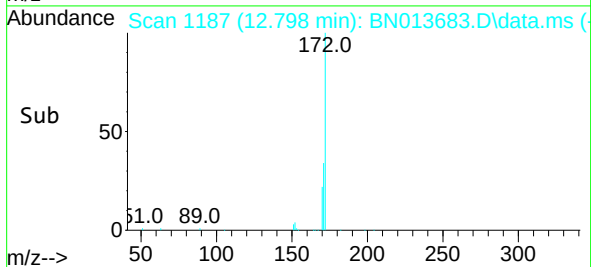
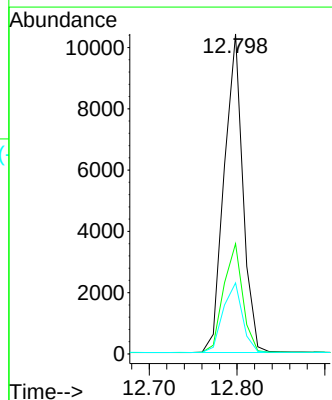
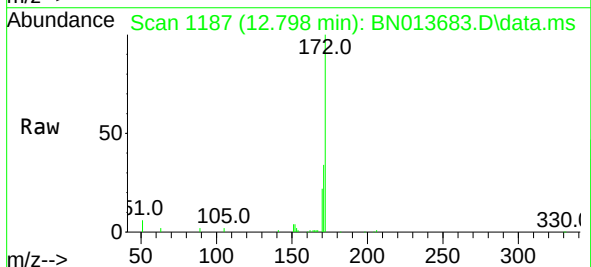
Instrument :
BNA_N
ClientSampleId :

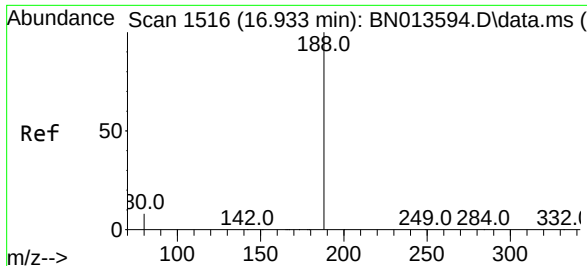
Tgt Ion:330 Resp: 1733
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.1 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:172 Resp: 15354
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 22.2 18.9 28.3

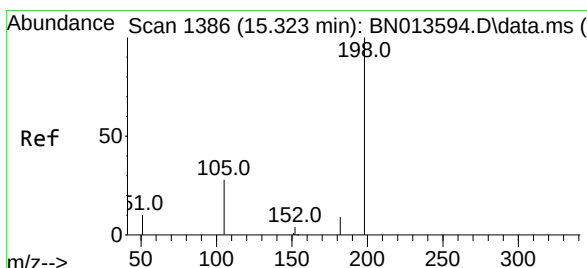
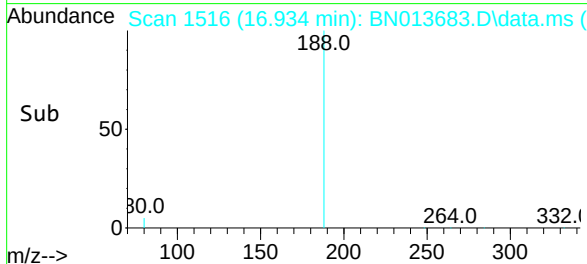
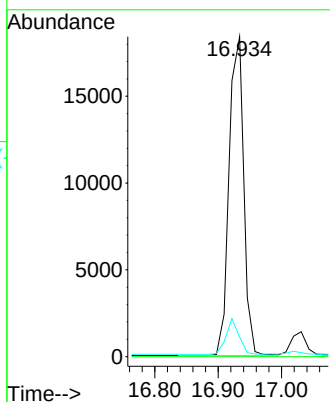
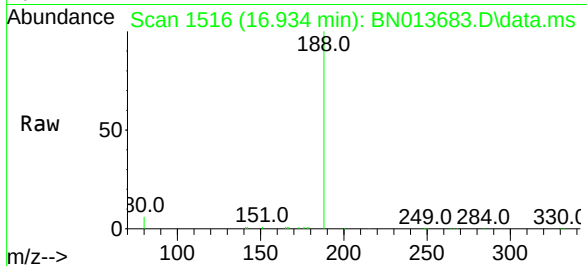




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

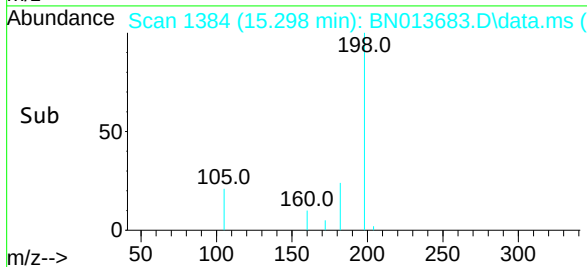
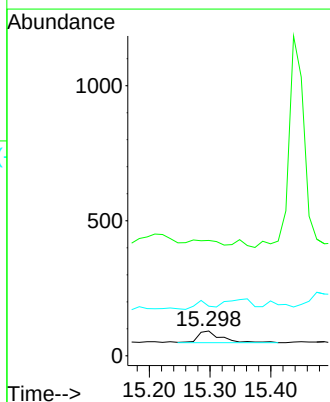
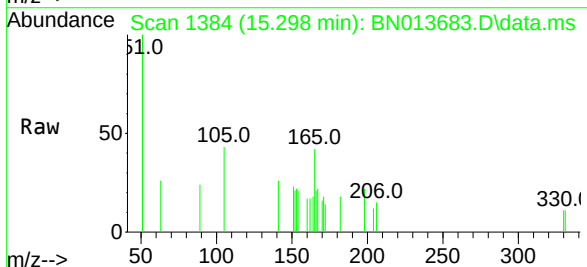
Instrument :
BNA_N
ClientSampleId :

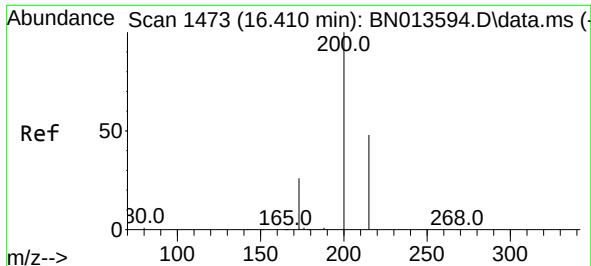
Tgt Ion:188 Resp: 29525
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 9.0 13.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.18 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.025 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:198 Resp: 112
Ion Ratio Lower Upper
198 100
51 464.1 61.7 92.5#
105 200.0 33.0 49.6#

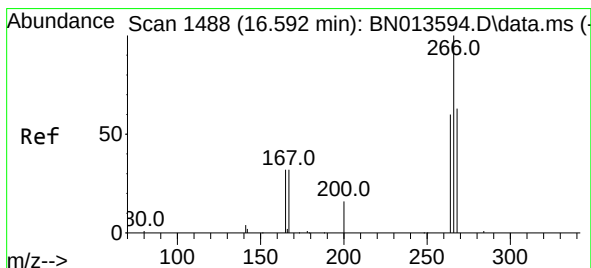
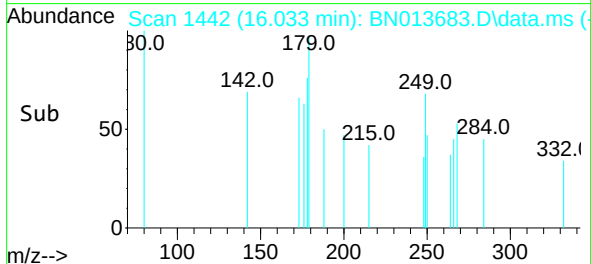
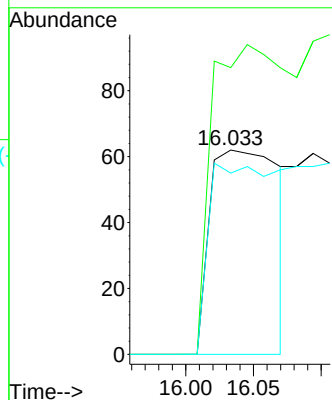
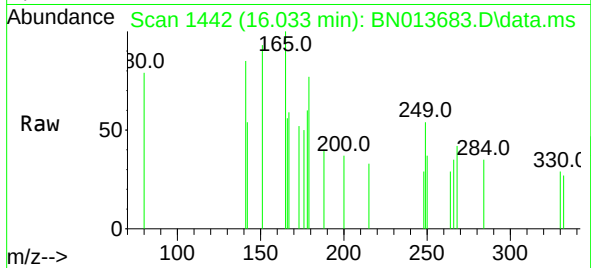




#23
Atrazine
Concen: 0.02 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

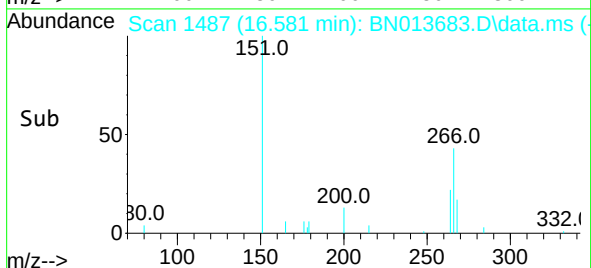
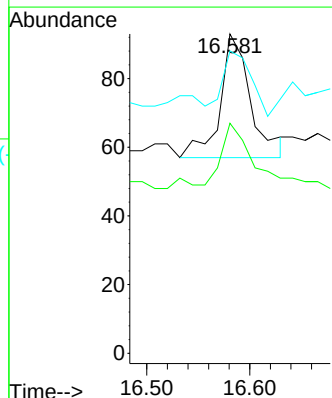
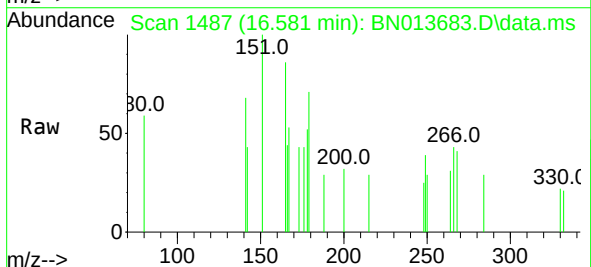
Instrument :
BNA_N
ClientSampled :

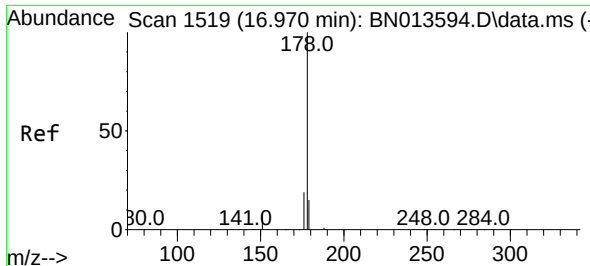
Tgt Ion:200 Resp: 221
Ion Ratio Lower Upper
200 100
173 140.3 18.6 28.0#
215 88.7 41.0 61.6#



#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.581 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:266 Resp: 74
Ion Ratio Lower Upper
266 100
264 64.9 51.6 77.4
268 50.0 54.6 82.0#

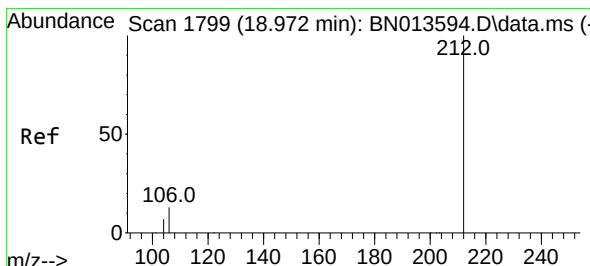
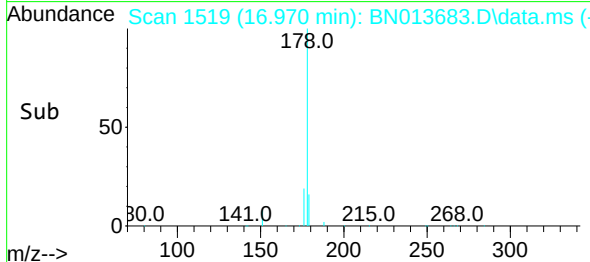
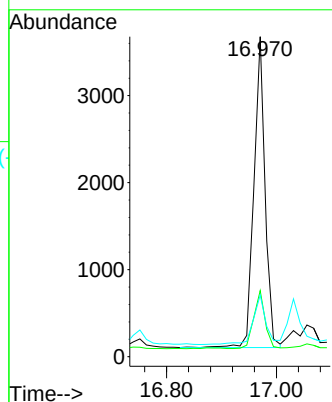
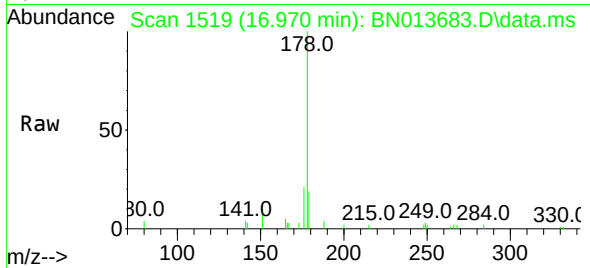




#25
Phenanthrene
Concen: 0.06 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

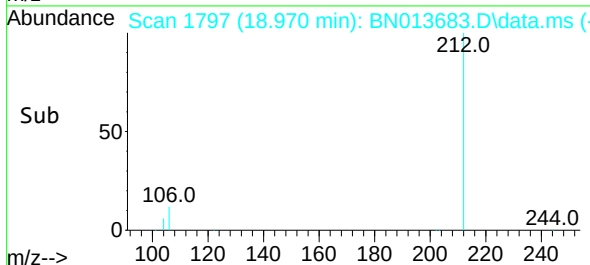
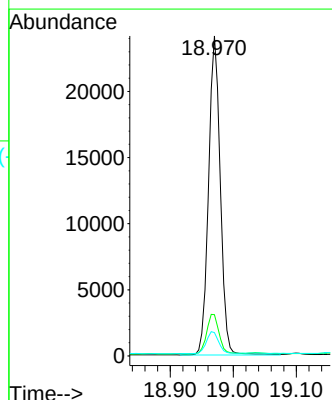
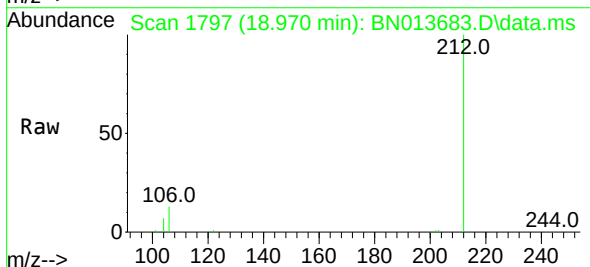
Instrument :
BNA_N
ClientSampleId :

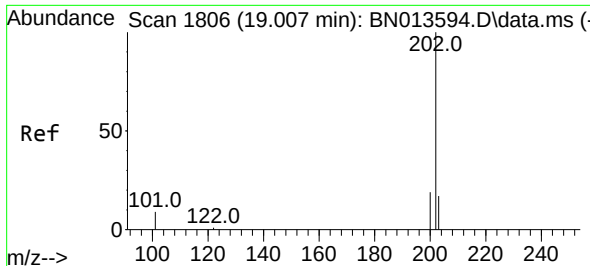
Tgt Ion:178 Resp: 5057
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 17.6 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:212 Resp: 31067
Ion Ratio Lower Upper
212 100
106 13.1 9.7 14.5
104 7.4 5.5 8.3

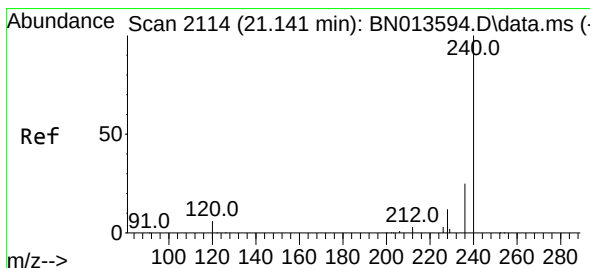
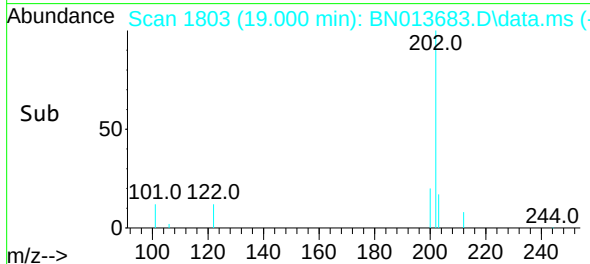
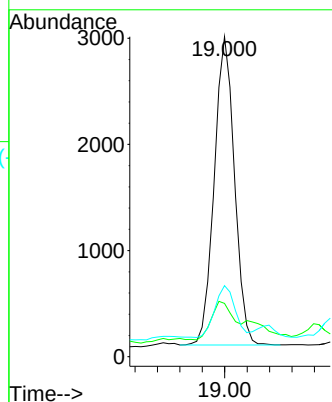
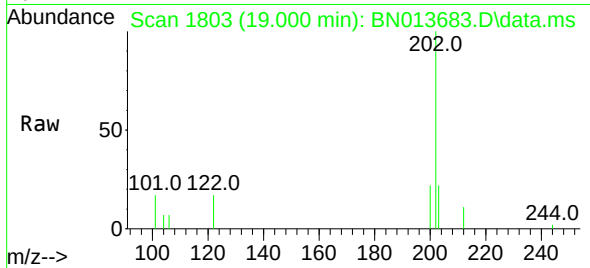




#28
Fluoranthene
Concen: 0.04 ng
RT: 19.000 min Scan# 1803
Delta R.T. -0.002 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

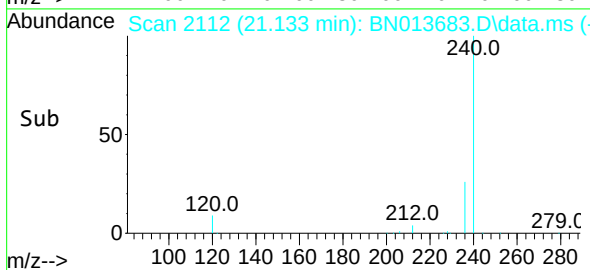
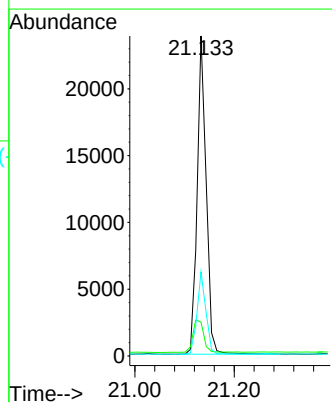
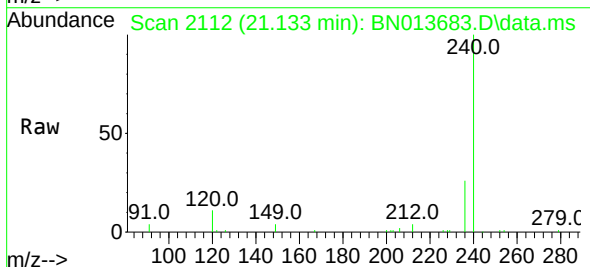
Instrument :
BNA_N
ClientSampleId :

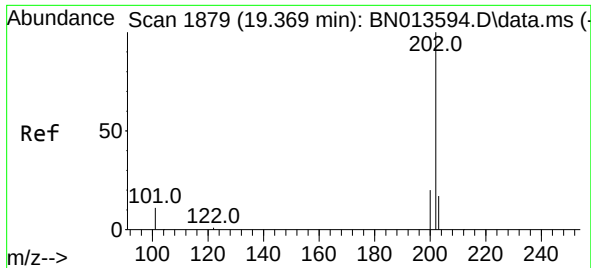
Tgt Ion:202 Resp: 3638
Ion Ratio Lower Upper
202 100
101 13.7 8.1 12.1#
203 16.8 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:240 Resp: 30095
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.3 21.3 31.9

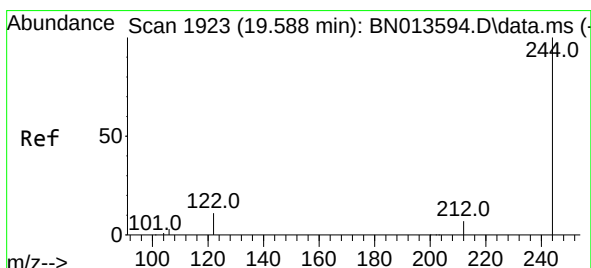
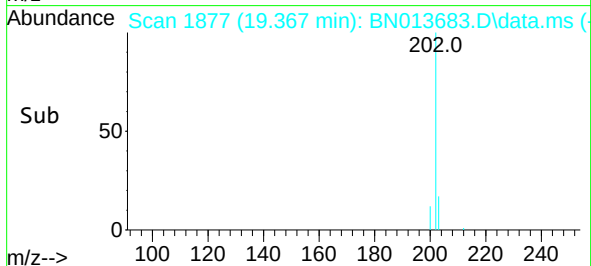
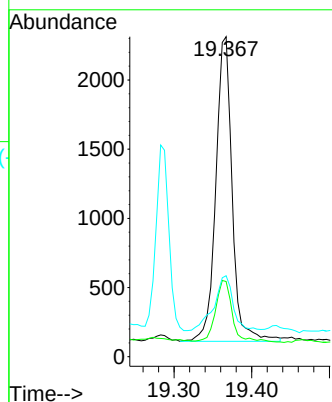
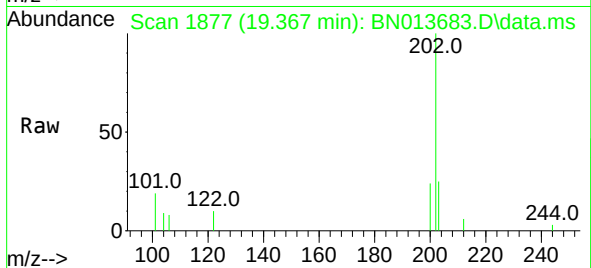




#30
Pyrene
Concen: 0.04 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

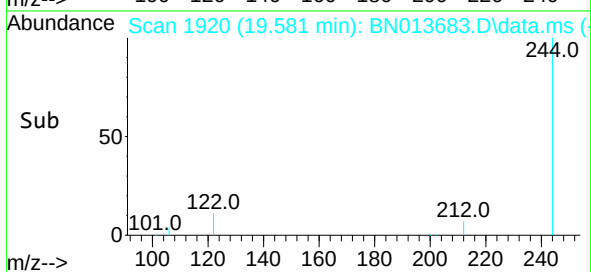
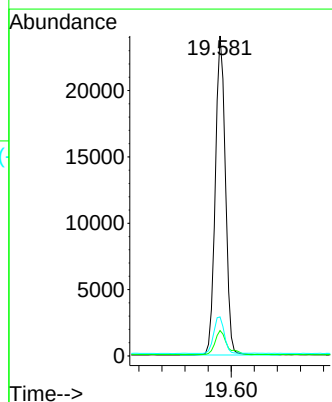
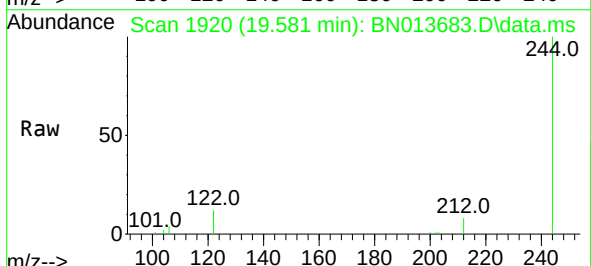
Instrument :
BNA_N
ClientSampleId :

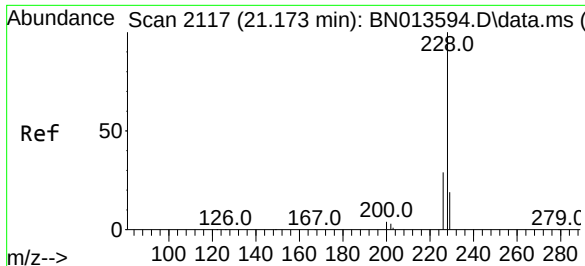
Tgt Ion:202 Resp: 3212
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 21.8 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.581 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:244 Resp: 29147
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 12.2 9.8 14.8

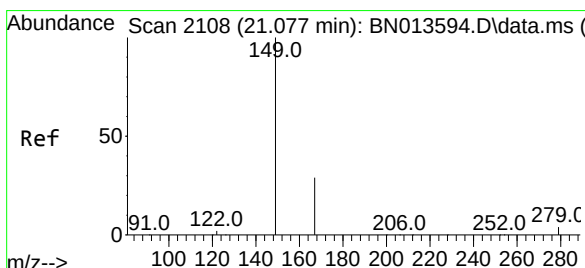
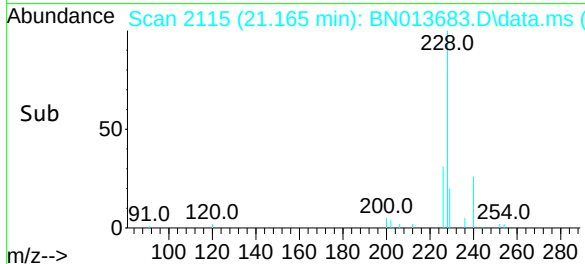
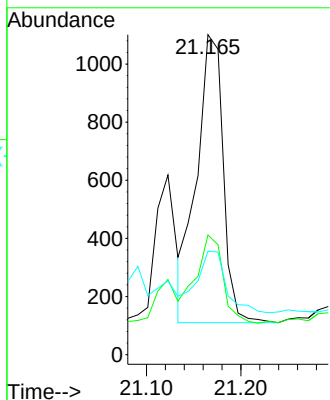
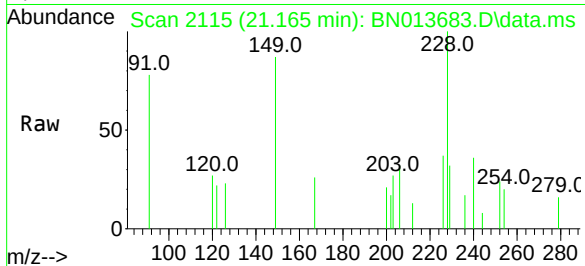




#33
Chrysene
Concen: 0.02 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

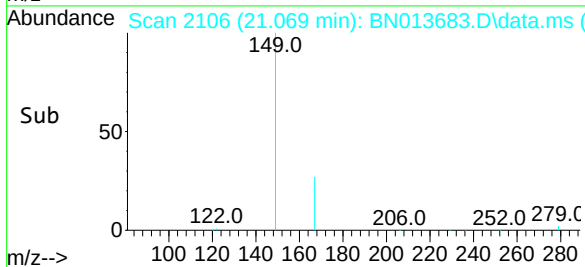
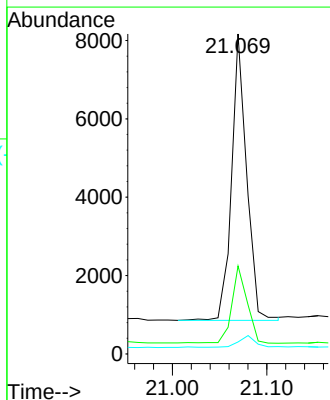
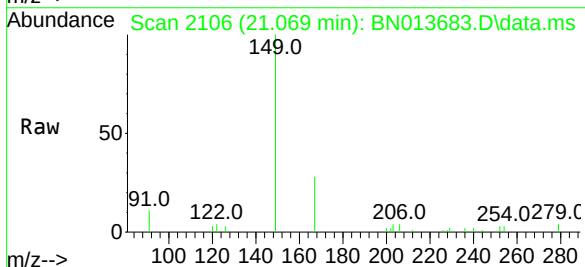
Instrument :
BNA_N
ClientSampleId :

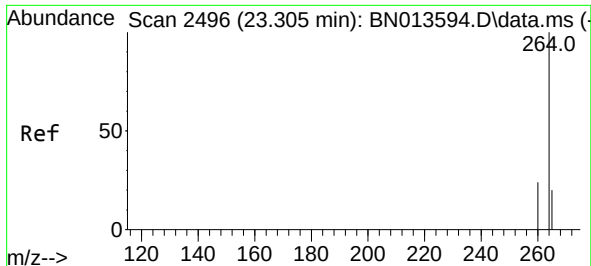
Tgt Ion:228 Resp: 1939
Ion Ratio Lower Upper
228 100
226 37.4 24.3 36.5#
229 32.3 15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

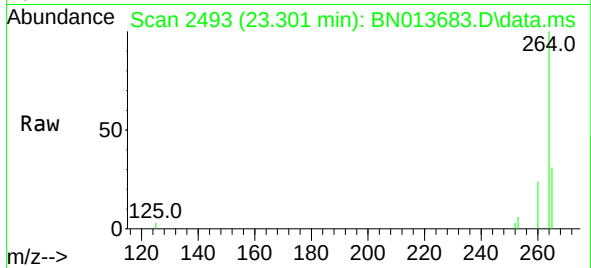
Tgt Ion:149 Resp: 8087
Ion Ratio Lower Upper
149 100
167 27.2 22.1 33.1
279 4.6 3.5 5.3



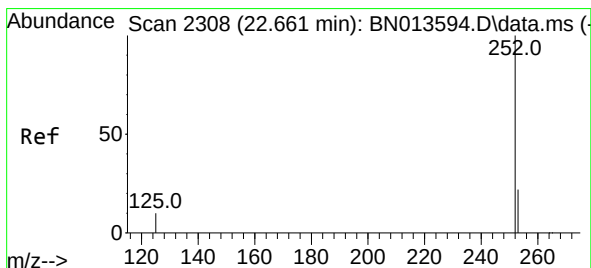
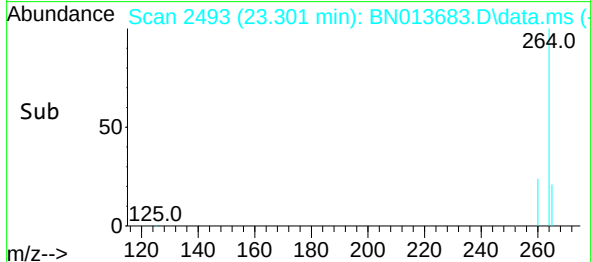
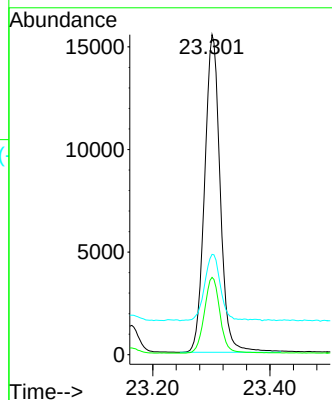


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Instrument :
BNA_N
ClientSampleId :

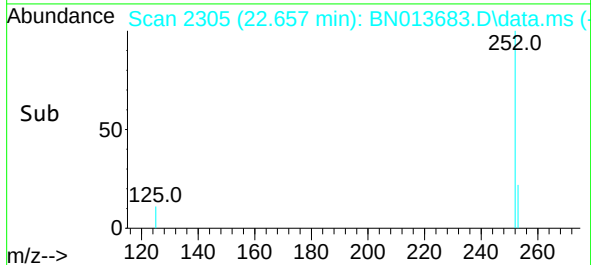
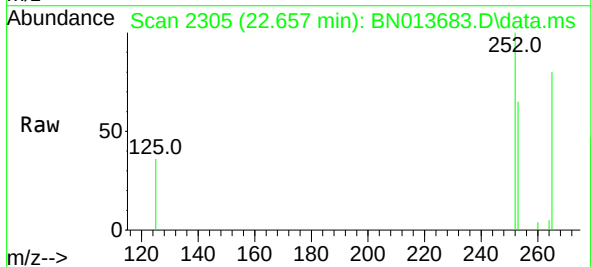
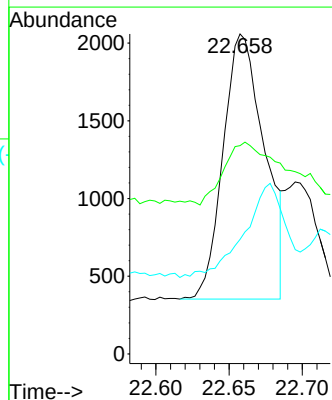


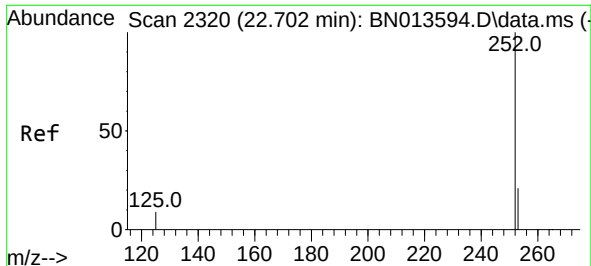
Tgt Ion:264 Resp: 28545
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 31.4 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:252 Resp: 3359
Ion Ratio Lower Upper
252 100
253 65.1 20.4 30.6#
125 35.8 11.6 17.4#

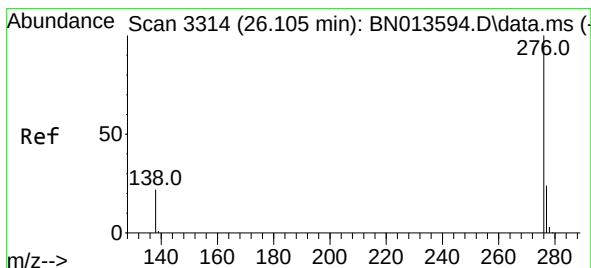
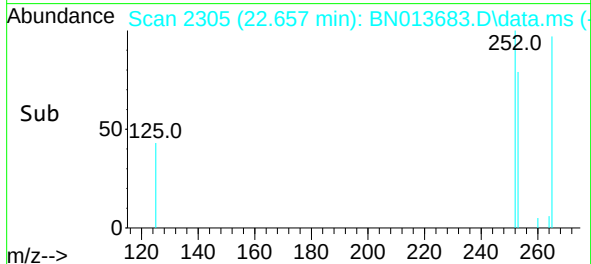
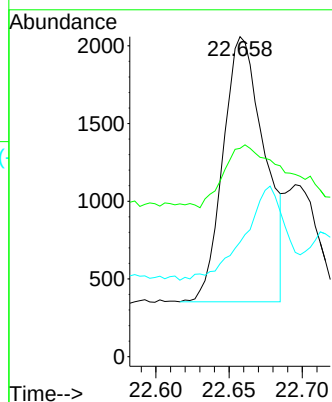
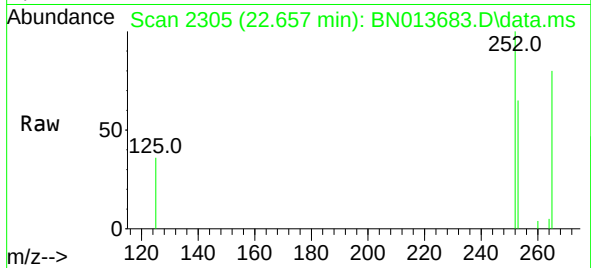




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.042 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Instrument :
BNA_N
ClientSampled :

Tgt Ion:252 Resp: 3359
Ion Ratio Lower Upper
252 100
253 65.1 20.5 30.7#
125 35.8 12.3 18.5#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.097 min Scan# 3310
Delta R.T. -0.001 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:276 Resp: 2180
Ion Ratio Lower Upper
276 100
277 33.9 20.0 30.0#
138 33.9 17.8 26.8#

