

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015354.D
 Acq On : 07 Jul 2021 01:51
 Operator : CG/JU
 Sample : M2898-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 07 06:08:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

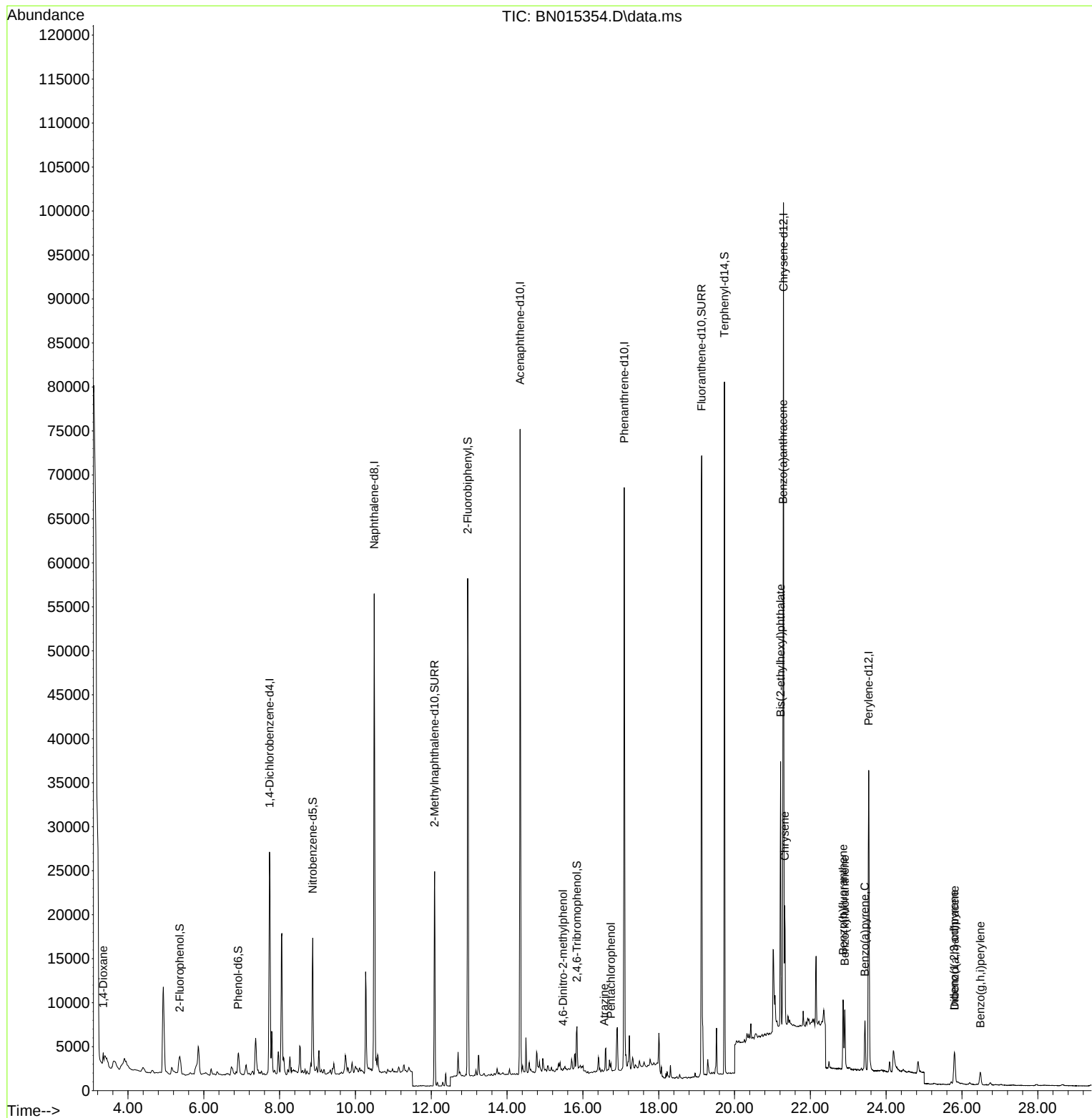
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	15672	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	72002	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	40531	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	84061	0.40	ng	0.00
29) Chrysene-d12	21.291	240	78161	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	45449	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4078	0.10	ng	0.00
5) Phenol-d6	6.904	99	2837	0.06	ng	0.00
8) Nitrobenzene-d5	8.873	82	13636	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	32235	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3976	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	52343	0.32	ng	0.00
27) Fluoranthene-d10	19.132	212	79627	0.32	ng	0.00
31) Terphenyl-d14	19.733	244	76151	0.42	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	805	0.11	ng	# 58
20) 4,6-Dinitro-2-methylph...	15.474	198	15	0.20	ng	# 1
23) Atrazine	16.567	200	31	0.17	ng	# 1
24) Pentachlorophenol	16.737	266	669	0.31	ng	# 53
32) Benzo(a)anthracene	21.280	228	12363	0.05	ng	96
33) Chrysene	21.323	228	11520	0.04	ng	98
34) Bis(2-ethylhexyl)phtha...	21.216	149	28051	0.44	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.795	276	4091	0.03	ng	# 90
37) Benzo(b)fluoranthene	22.865	252	9123	0.05	ng	# 72
38) Benzo(k)fluoranthene	22.909	252	8779	0.05	ng	# 81
39) Benzo(a)pyrene	23.440	252	6813	0.04	ng	# 55
40) Dibenzo(a,h)anthracene	25.808	278	3588	0.03	ng	# 74
41) Benzo(g,h,i)perylene	26.483	276	2912	0.02	ng	# 75

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

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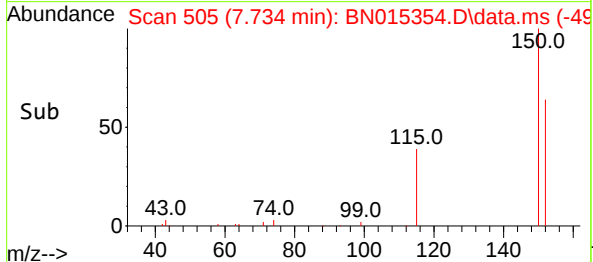
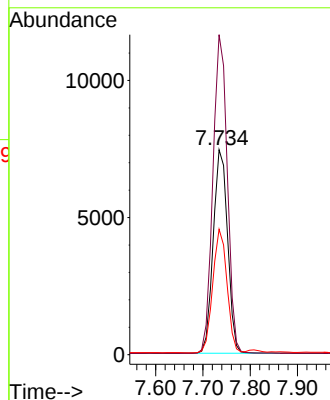
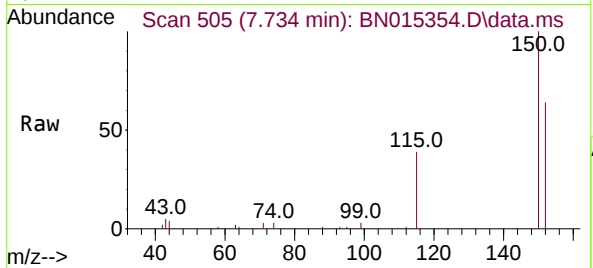




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.734 min Scan# 505
Delta R.T. 0.002 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

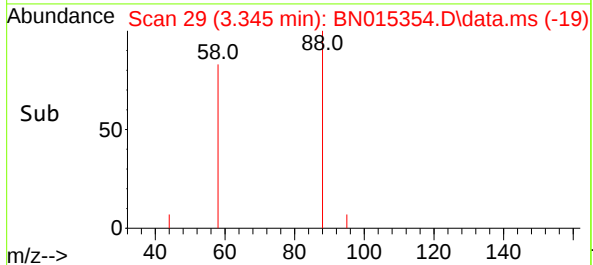
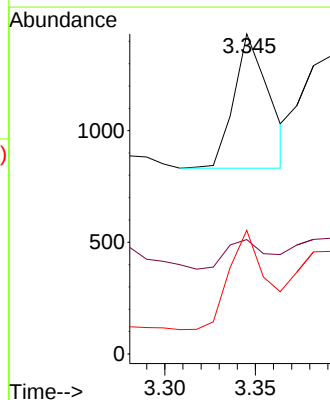
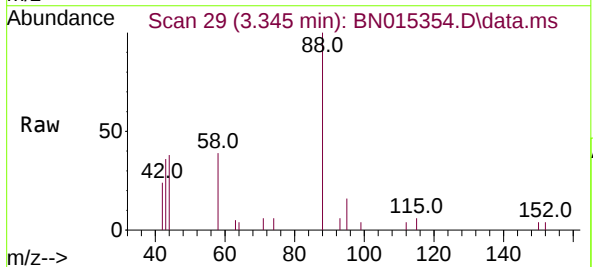
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 152 Resp: 15672
Ion Ratio Lower Upper
152 100
150 156.1 119.0 178.6
115 61.2 62.2 93.4#



#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.345 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion: 88 Resp: 805
Ion Ratio Lower Upper
88 100
43 26.3 12.9 19.3#
58 80.1 38.1 57.1#

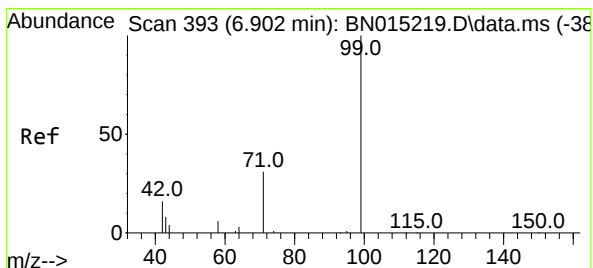
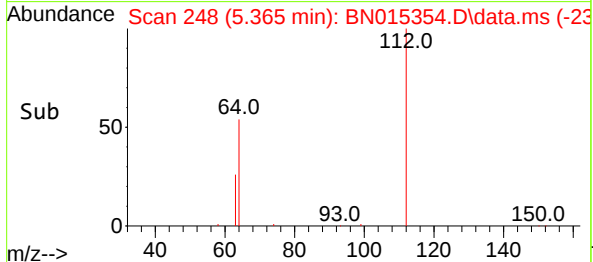
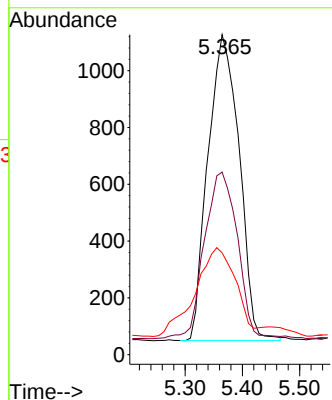
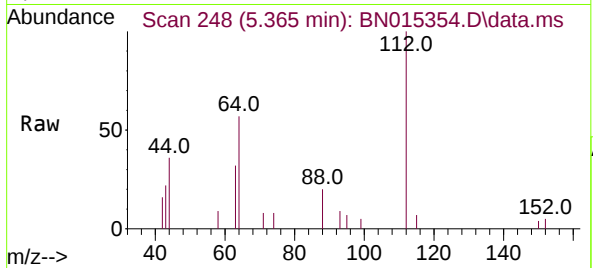




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

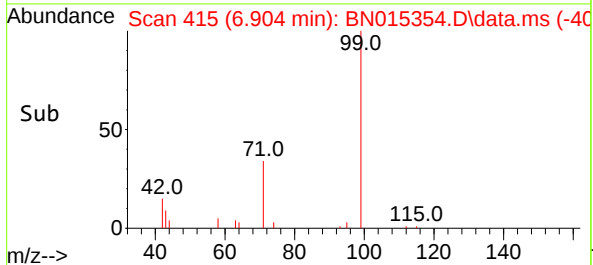
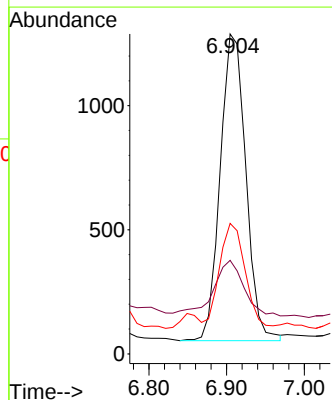
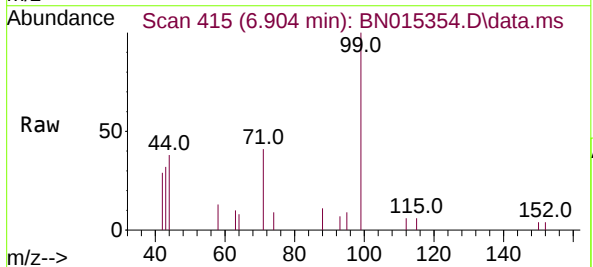
Instrument :
BNA_N
ClientSampled :

Tgt Ion:112 Resp: 4078
Ion Ratio Lower Upper
112 100
64 55.1 39.0 58.6
63 29.5 20.6 30.8



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion: 99 Resp: 2837
Ion Ratio Lower Upper
99 100
42 21.6 8.9 13.3#
71 33.0 35.6 53.4#

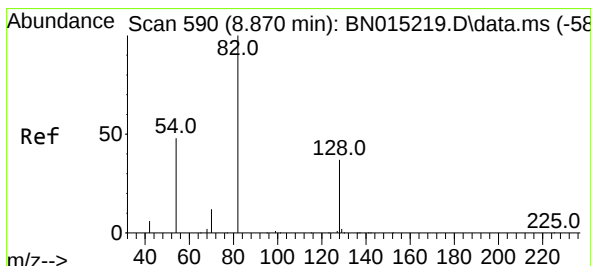
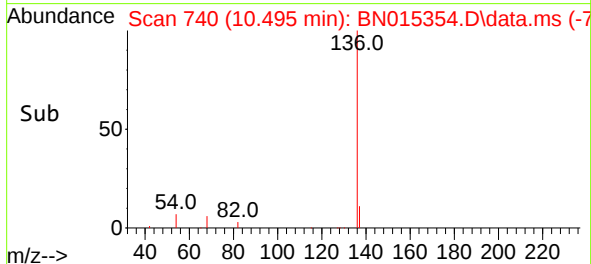
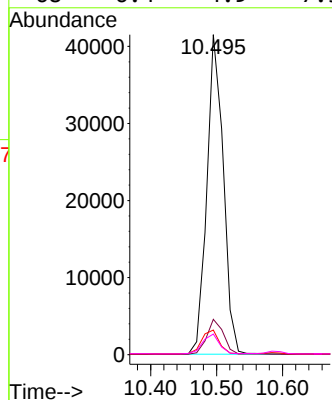
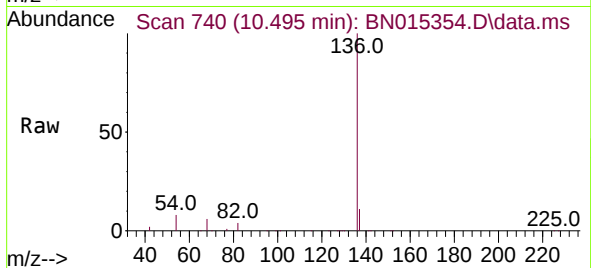




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

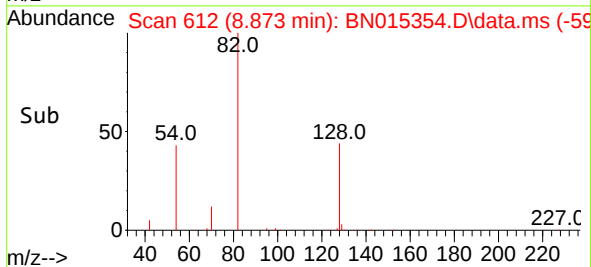
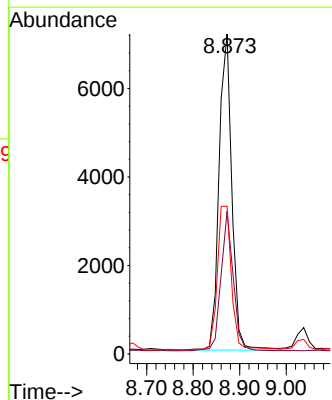
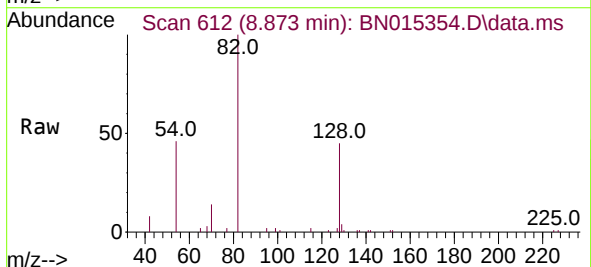
Instrument :
BNA_N
ClientSampleId :

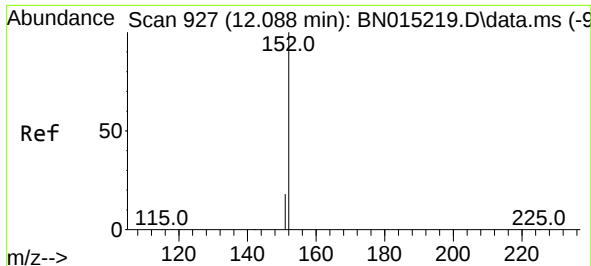
Tgt Ion:	136	Resp:	72002
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	7.7	5.4	8.2
68	6.4	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:	82	Resp:	13636
Ion Ratio	Lower	Upper	
82	100		
128	44.6	31.6	47.4
54	46.2	29.0	43.4

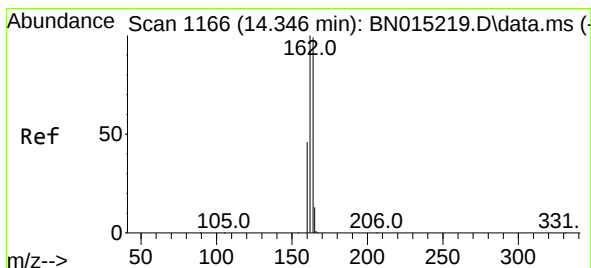
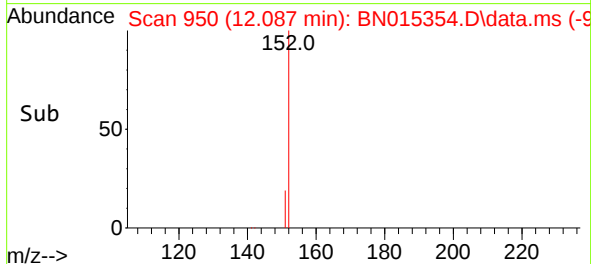
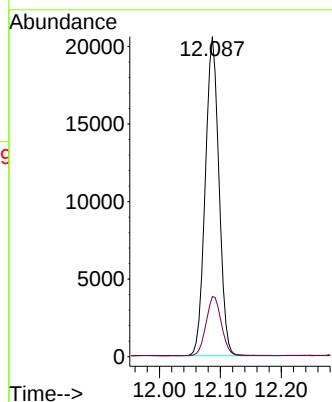
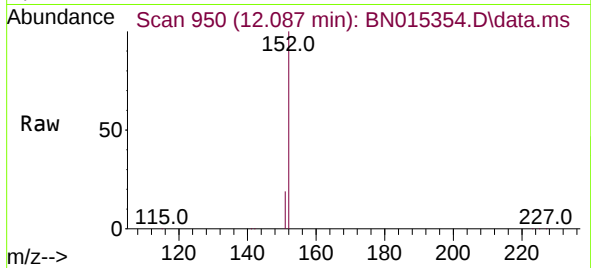




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

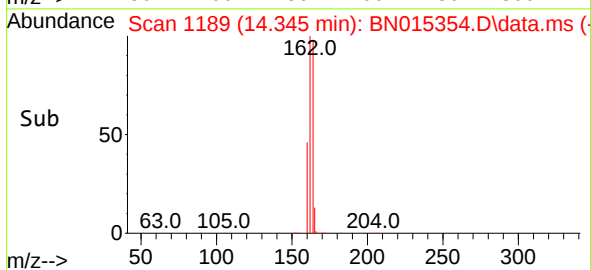
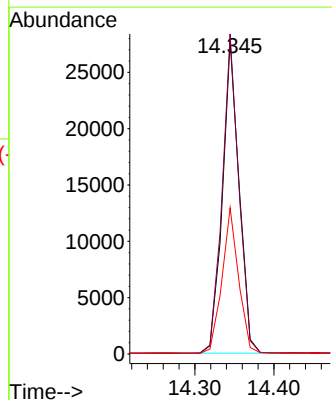
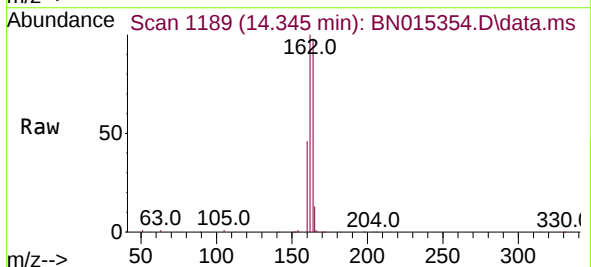
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 32235
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.002 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:164 Resp: 40531
Ion Ratio Lower Upper
164 100
162 102.1 83.8 125.6
160 46.7 37.4 56.0

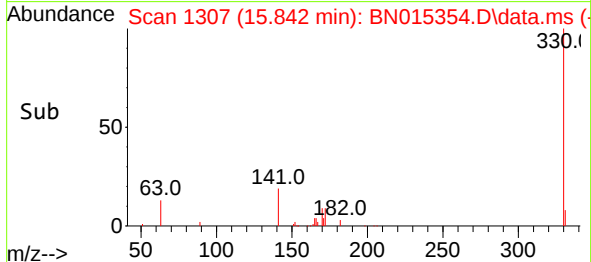
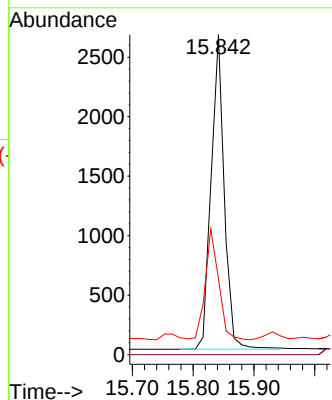
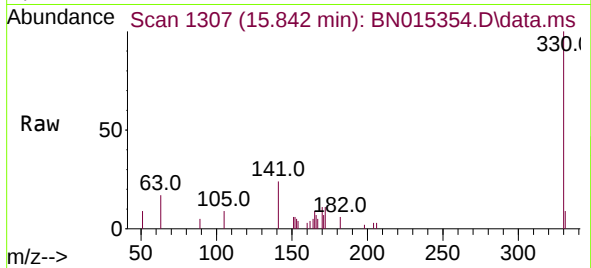




#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

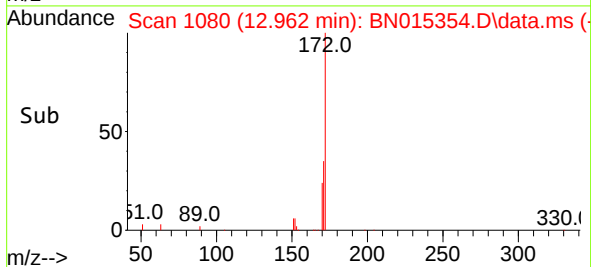
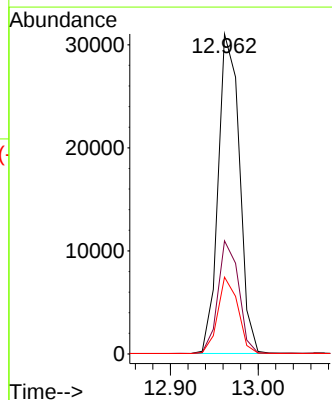
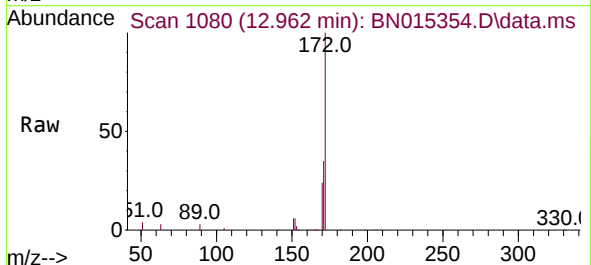
Instrument :
BNA_N
ClientSampleId :

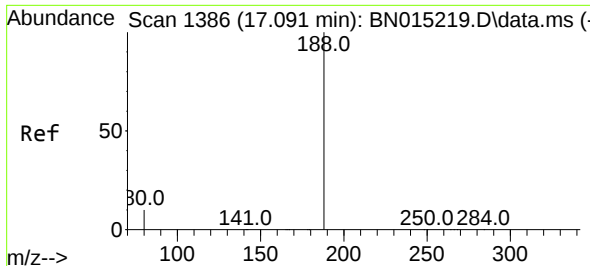
Tgt Ion:330 Resp: 3976
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.8 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:172 Resp: 52343
Ion Ratio Lower Upper
172 100
171 35.3 30.6 45.8
170 24.0 20.2 30.4

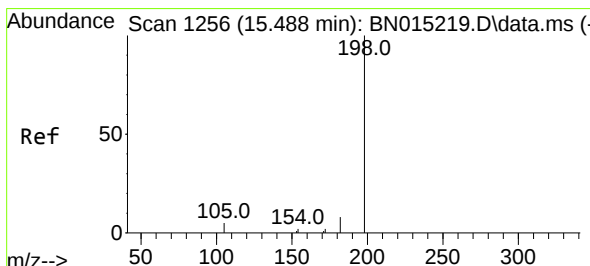
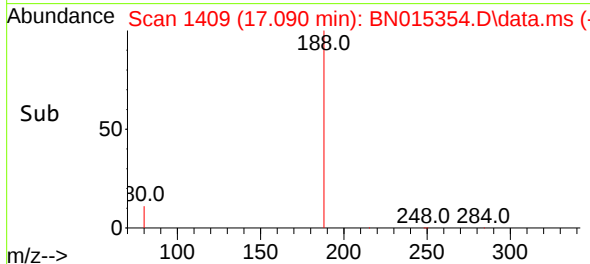
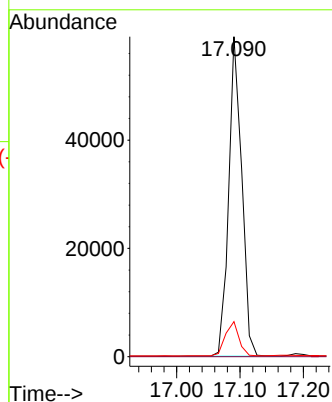
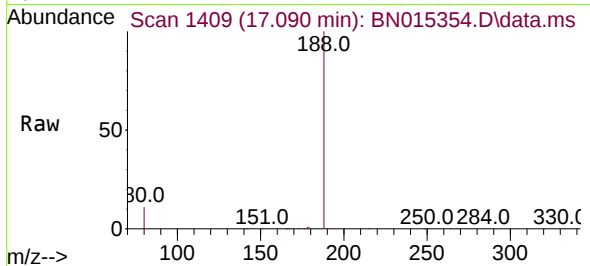




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

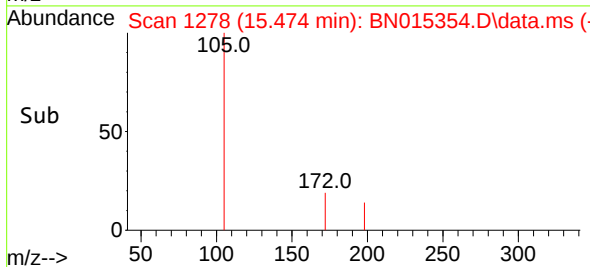
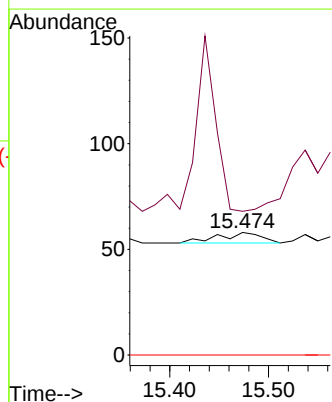
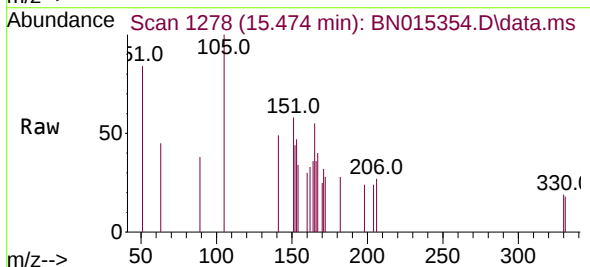
Instrument :
BNA_N
ClientSampleId :

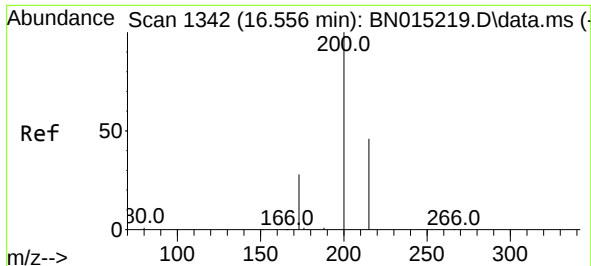
Tgt Ion:188 Resp: 84061
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 117.2 34.5 51.7#
77 0.0 0.0 0.0

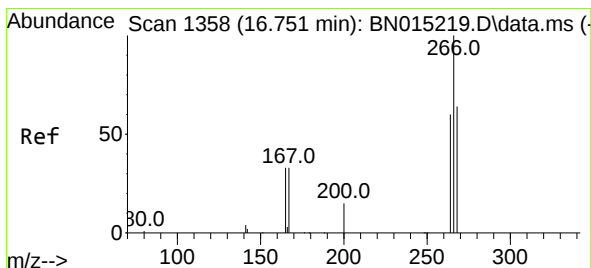
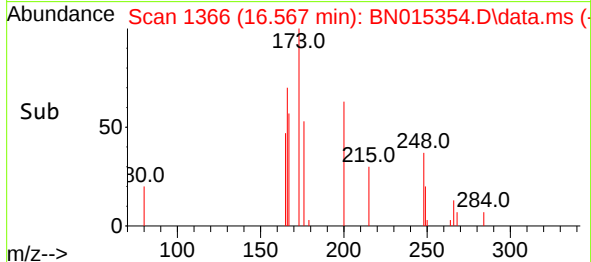
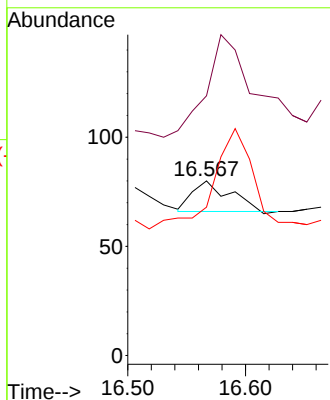
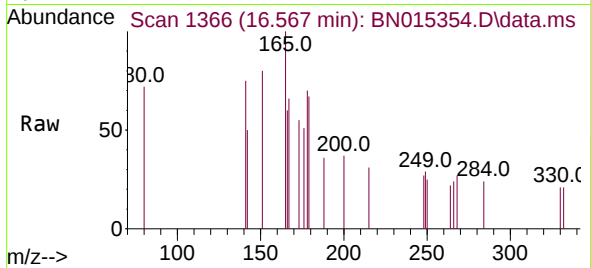




#23
Atrazine
Concen: 0.17 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.011 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

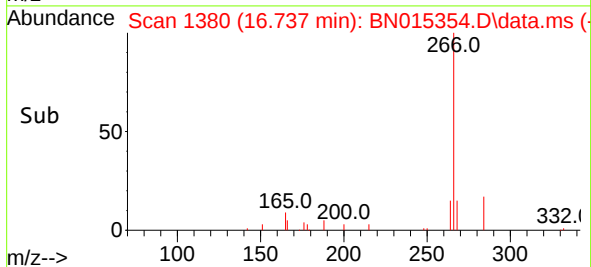
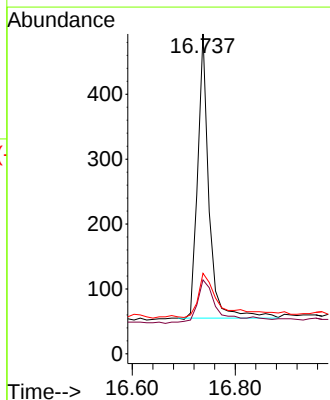
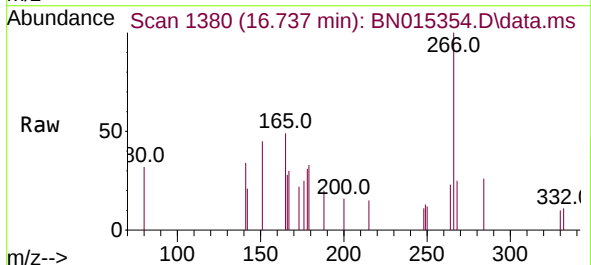
Instrument :
BNA_N
ClientSampleId :

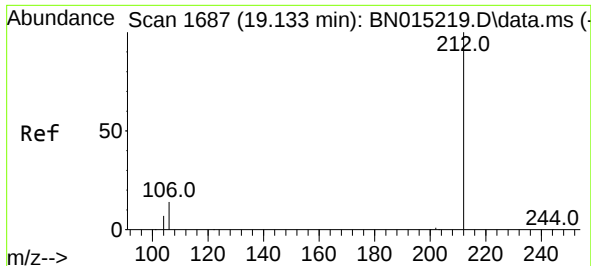
Tgt Ion:200 Resp: 31
Ion Ratio Lower Upper
200 100
173 148.8 21.7 32.5#
215 85.0 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.737 min Scan# 1380
Delta R.T. -0.014 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:266 Resp: 669
Ion Ratio Lower Upper
266 100
264 23.3 51.0 76.4#
268 30.2 50.6 76.0#

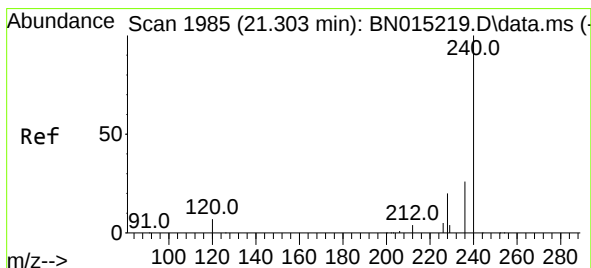
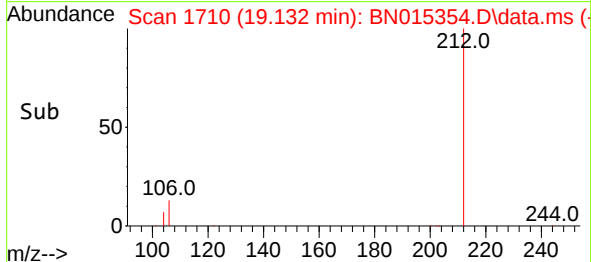
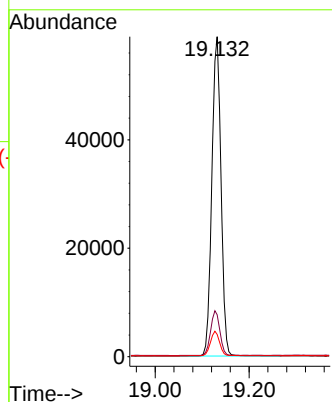
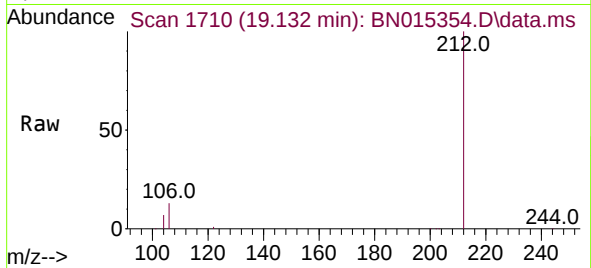




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

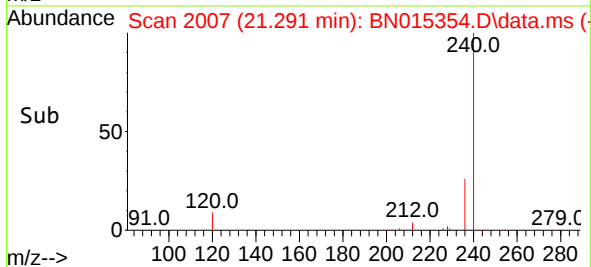
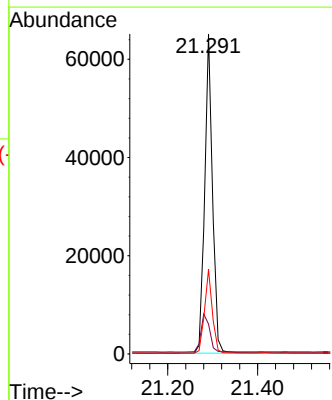
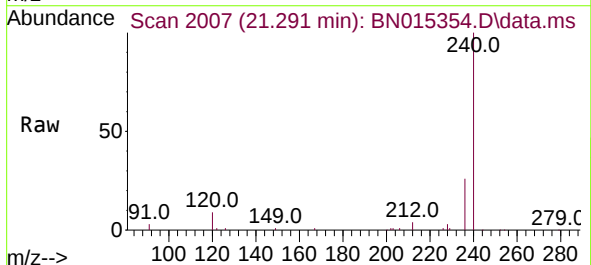
Instrument :
BNA_N
ClientSampleId :

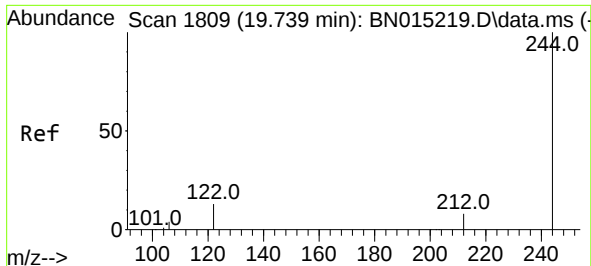
Tgt Ion:212 Resp: 79627
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:240 Resp: 78161
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.4#
236 26.4 21.4 32.2

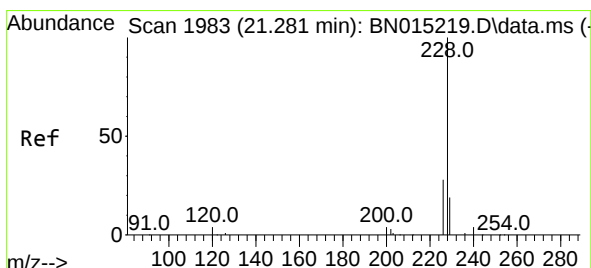
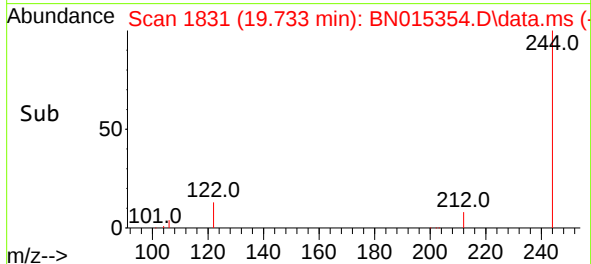
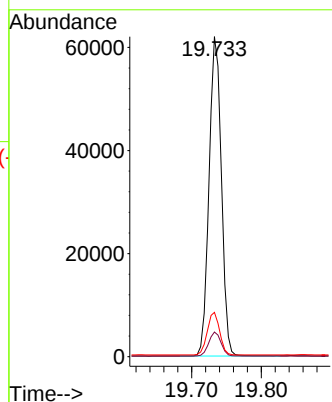
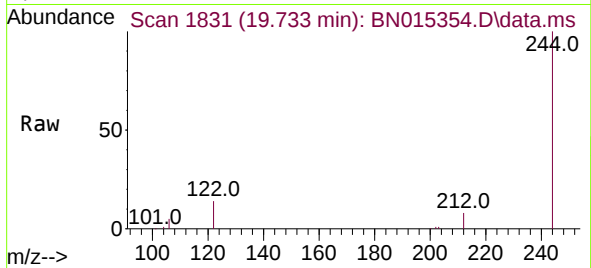




#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

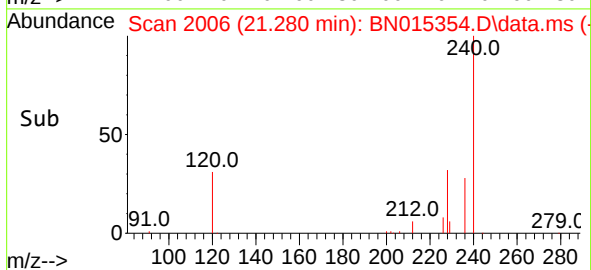
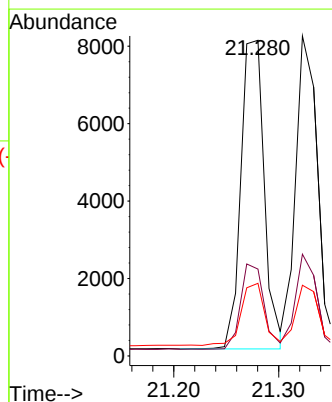
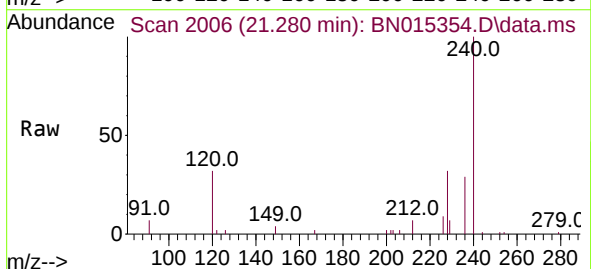
Instrument :
BNA_N
ClientSampleId :

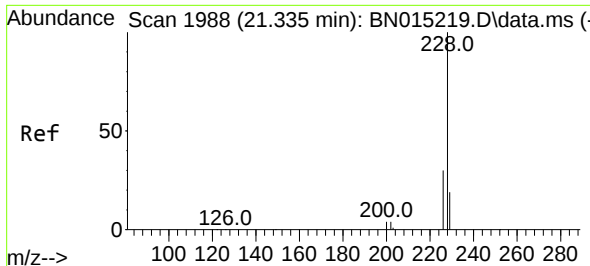
Tgt Ion:244 Resp: 76151
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.9 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:228 Resp: 12363
Ion Ratio Lower Upper
228 100
226 27.5 23.0 34.6
229 23.0 15.7 23.5

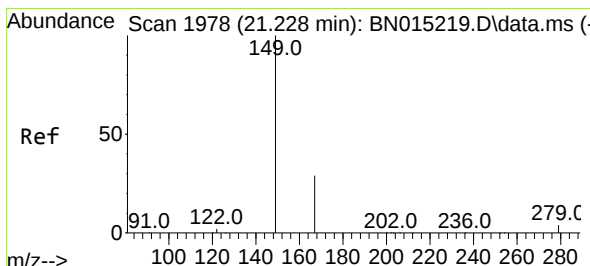
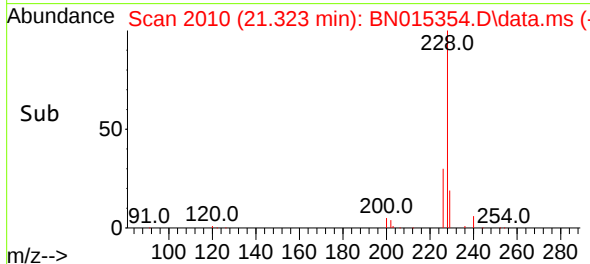
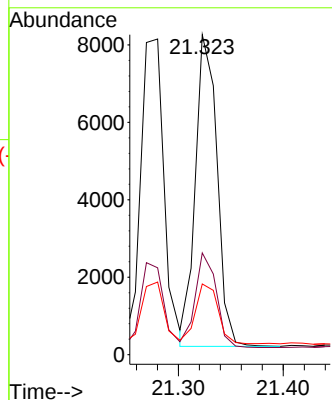
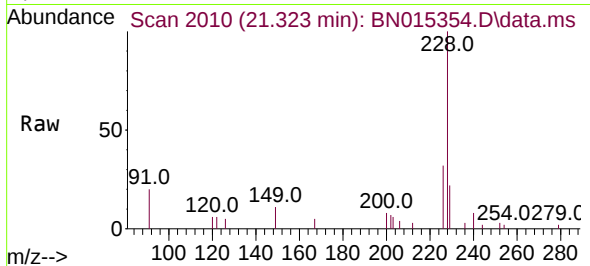




#33
Chrysene
Concen: 0.04 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

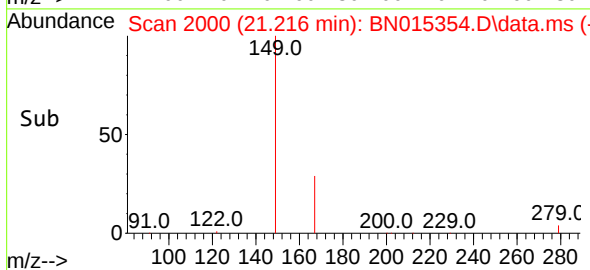
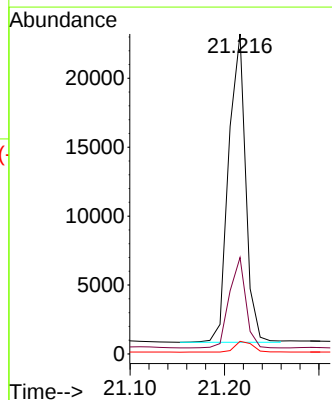
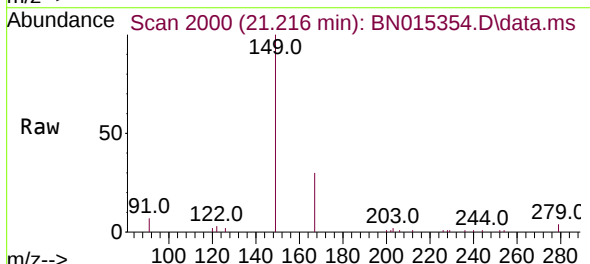
Instrument :
BNA_N
ClientSampled :

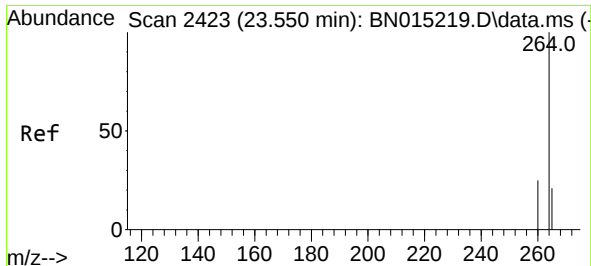
Tgt Ion:228	Resp:	11520
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.0 37.6
229	22.1	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.216 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

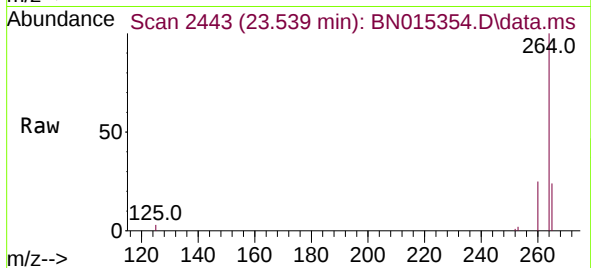
Tgt Ion:149	Resp:	28051
Ion Ratio	Lower	Upper
149	100	
167	28.1	28.9 43.3#
279	3.7	4.9 7.3#





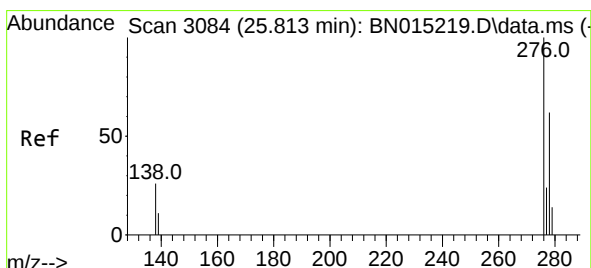
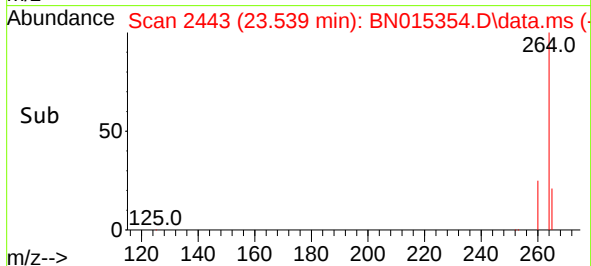
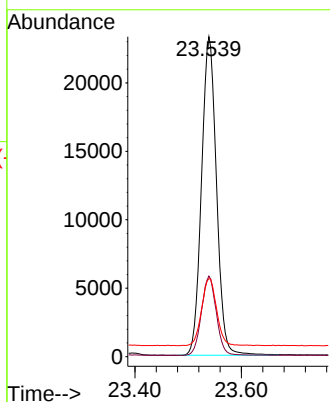
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 45449

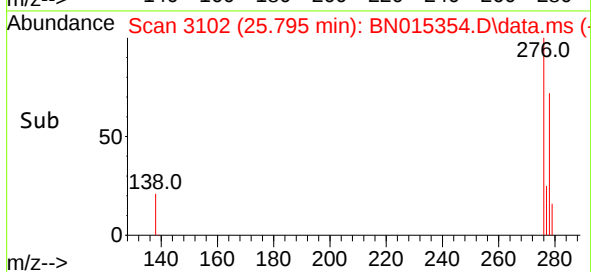
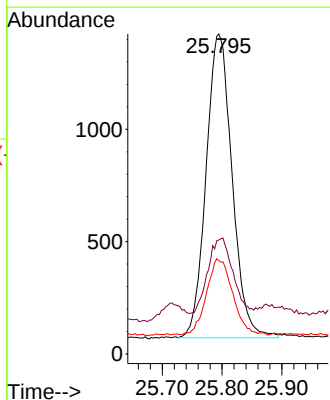
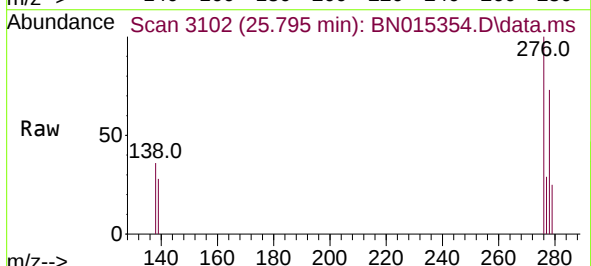
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	31.0
265	24.4	21.4	32.2

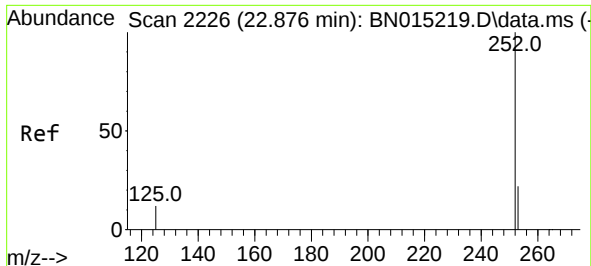


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.795 min Scan# 3102
Delta R.T. -0.018 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:276 Resp: 4091

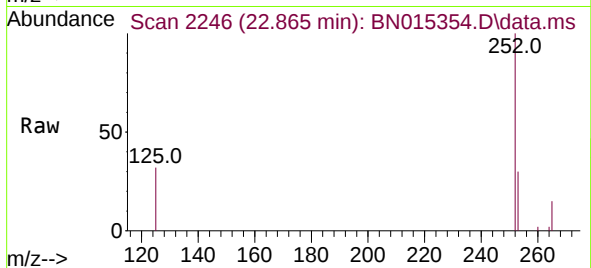
Ion	Ratio	Lower	Upper
276	100		
138	23.4	10.0	15.0#
277	24.8	20.4	30.6



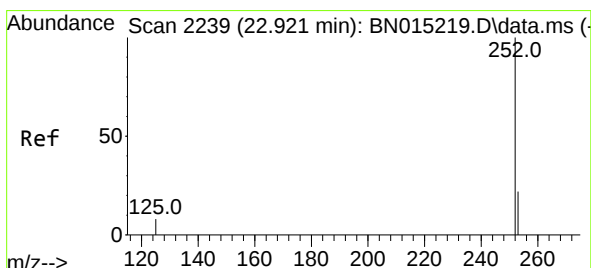
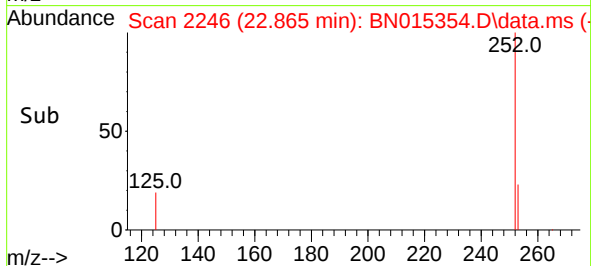
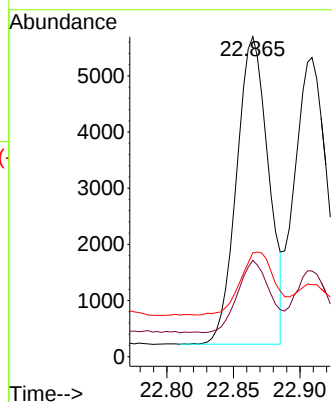


#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.012 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Instrument :
BNA_N
ClientSampleId :

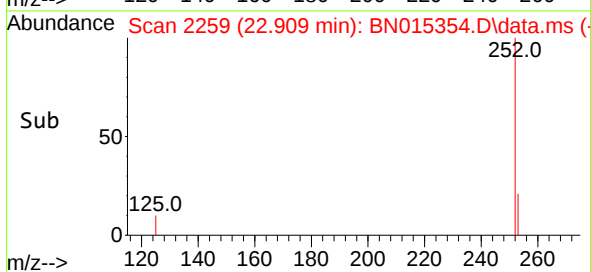
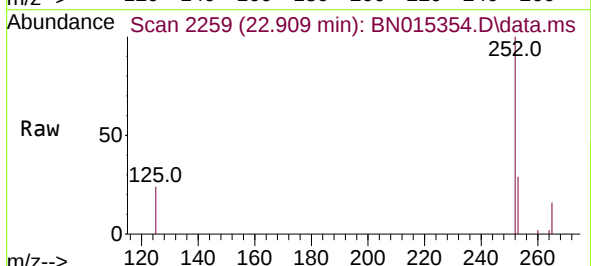
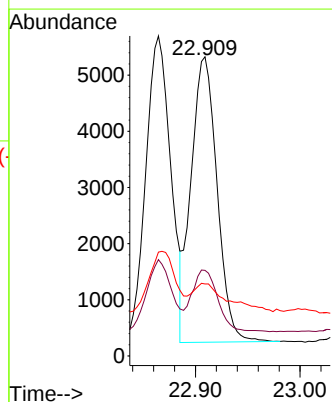


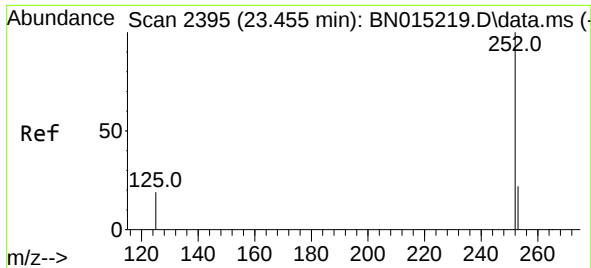
Tgt Ion:252 Resp: 9123
Ion Ratio Lower Upper
252 100
253 30.1 18.5 27.7#
125 32.4 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.909 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

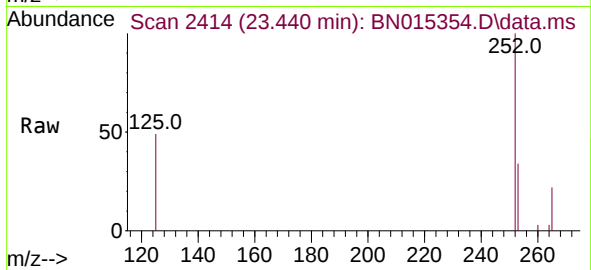
Tgt Ion:252 Resp: 8779
Ion Ratio Lower Upper
252 100
253 28.6 19.1 28.7
125 24.1 5.4 8.0#



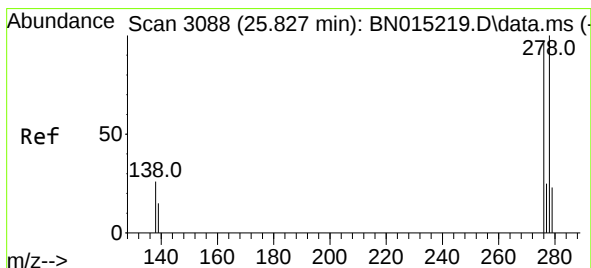
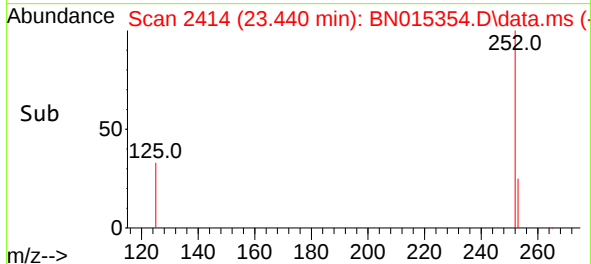
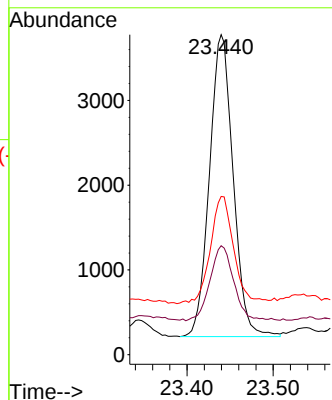


#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.440 min Scan# 2414
Delta R.T. -0.015 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Instrument :
BNA_N
ClientSampleId :

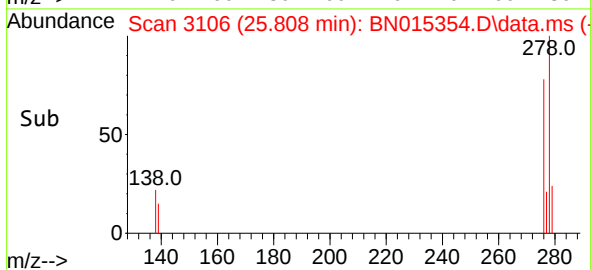
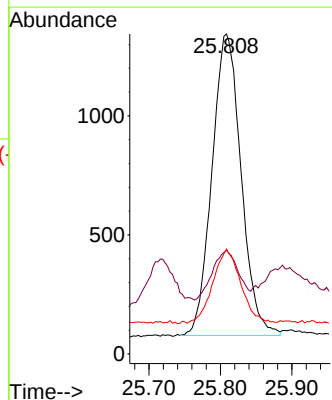
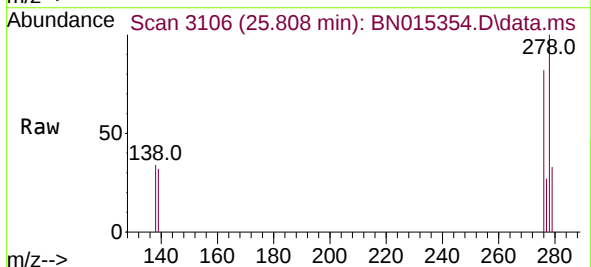


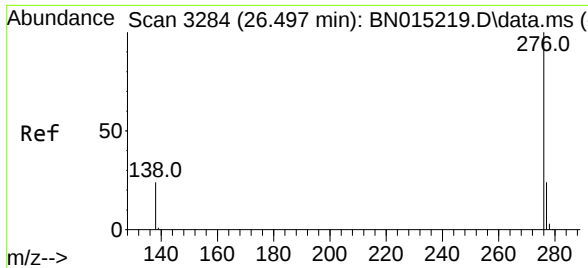
Tgt Ion:252 Resp: 6813
Ion Ratio Lower Upper
252 100
253 34.1 19.4 29.2#
125 49.4 7.4 11.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.808 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Tgt Ion:278 Resp: 3588
Ion Ratio Lower Upper
278 100
139 32.4 9.0 13.4#
279 32.8 21.0 31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.483 min Scan# 3303
Delta R.T. -0.015 min
Lab File: BN015354.D
Acq: 07 Jul 2021 01:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 276 Resp: 2912
Ion Ratio Lower Upper
276 100
277 29.3 19.7 29.5
138 34.0 9.8 14.6#

