

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016493.D
 Acq On : 26 Sep 2021 03:15
 Operator : CG/JU
 Sample : M3920-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:47:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

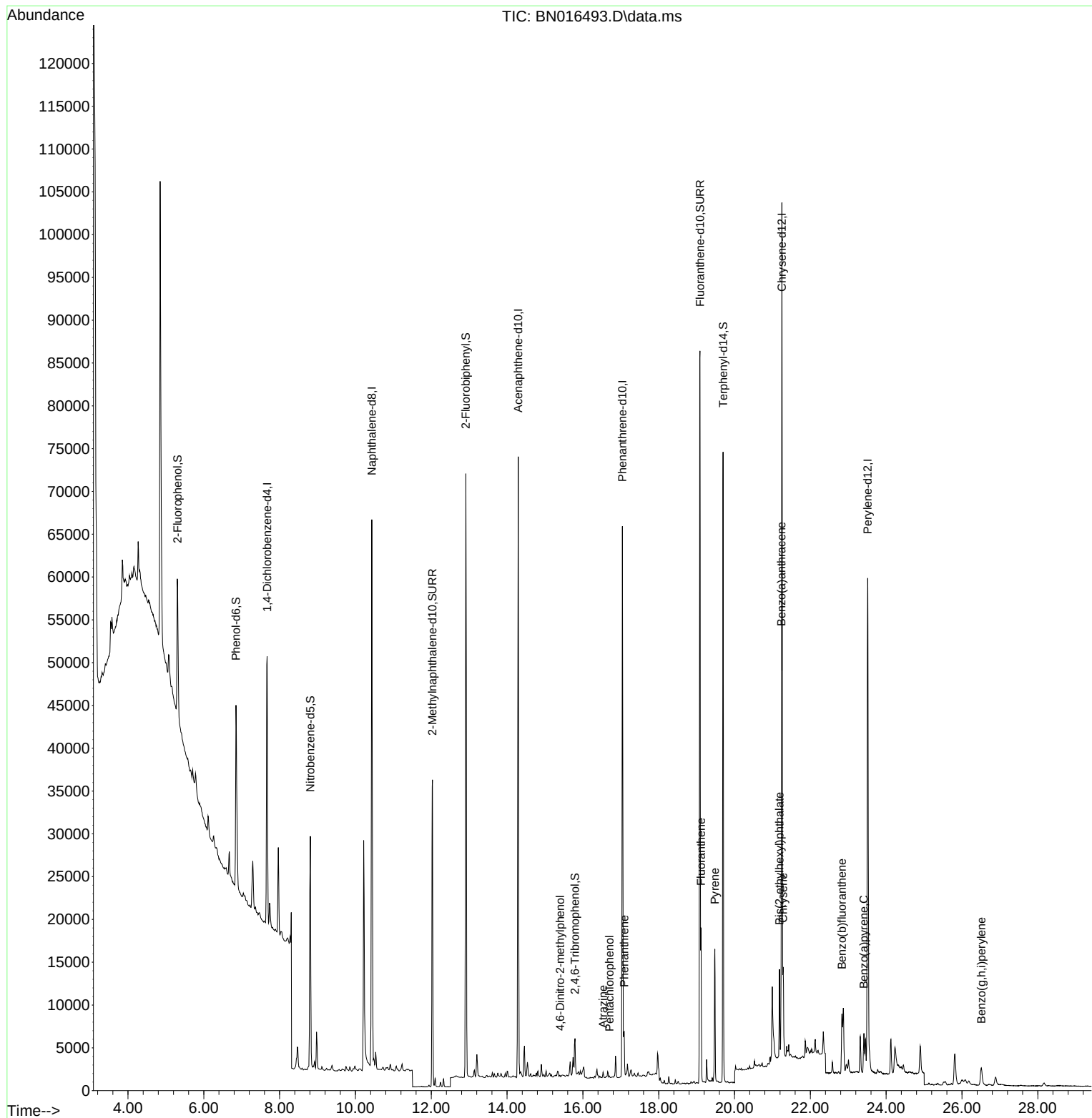
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	19012	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	80948	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	39911	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	82578	0.400	ng	0.00
29) Chrysene-d12	21.249	240	88164	0.400	ng	0.00
35) Perylene-d12	23.512	264	79401	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	17006	0.399	ng	0.03
5) Phenol-d6	6.849	99	19195	0.381	ng	0.00
8) Nitrobenzene-d5	8.810	82	21033	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	47864	0.399	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3192	0.339	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	61346	0.366	ng	-0.01
27) Fluoranthene-d10	19.088	212	101026	0.446	ng	0.00
31) Terphenyl-d14	19.698	244	74043	0.361	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.398	198	5	0.148	ng	# 1
23) Atrazine	16.531	200	25	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	20	0.245	ng	# 67
25) Phenanthrene	17.091	178	6830	0.028	ng	99
28) Fluoranthene	19.118	202	15942	0.059	ng	98
30) Pyrene	19.480	202	14199	0.051	ng	# 95
32) Benzo(a)anthracene	21.238	228	8966	0.035	ng	92
33) Chrysene	21.281	228	9163	0.033	ng	95
34) Bis(2-ethylhexyl)phtha...	21.185	149	9399	0.135	ng	96
37) Benzo(b)fluoranthene	22.834	252	12080	0.046	ng	# 87
39) Benzo(a)pyrene	23.413	252	7583	0.035	ng	# 83
41) Benzo(g,h,i)perylene	26.510	276	5067	0.023	ng	96

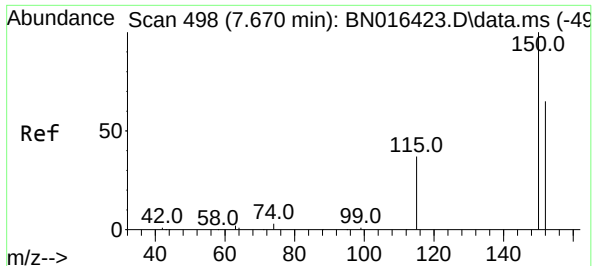
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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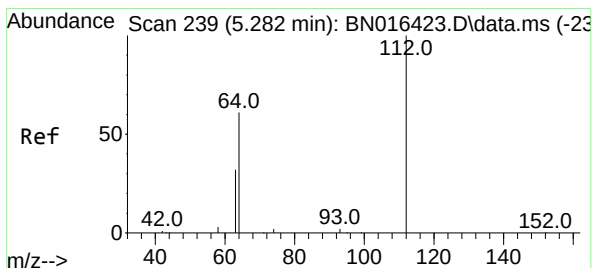
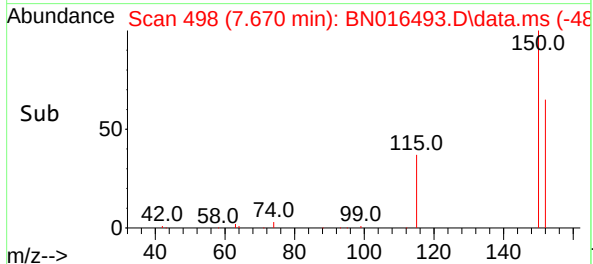
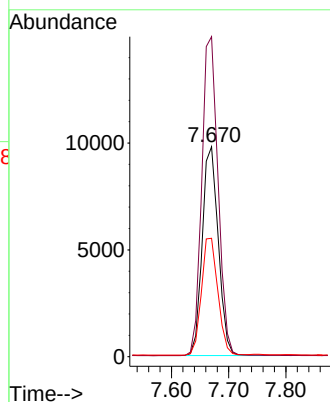
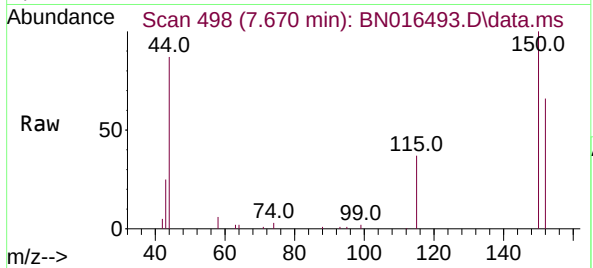




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

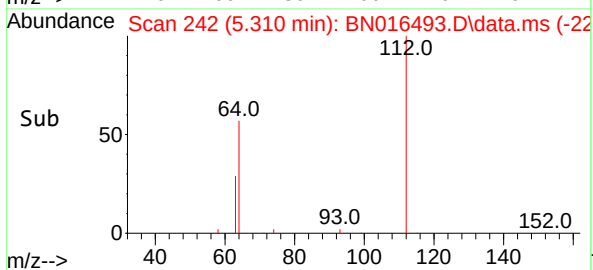
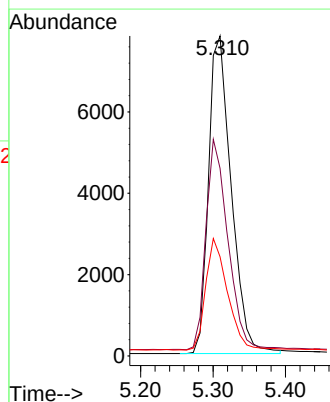
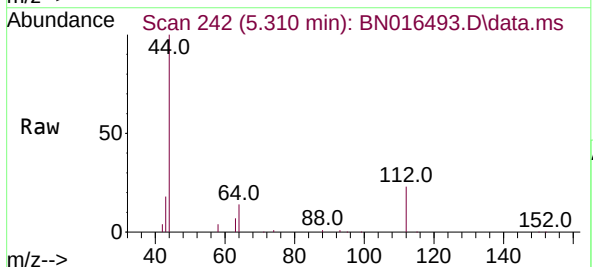
Instrument :
BNA_N
ClientSampleId :

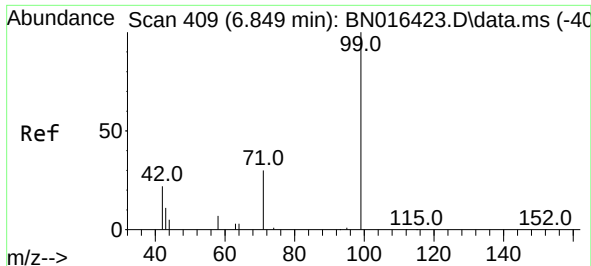
Tgt Ion:152 Resp: 19012
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 56.4 50.2 75.2



#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

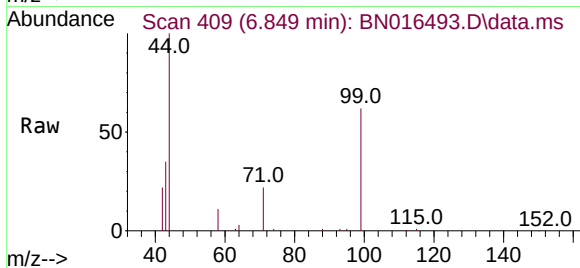
Tgt Ion:112 Resp: 17006
Ion Ratio Lower Upper
112 100
64 63.6 47.3 70.9
63 33.7 23.4 35.0



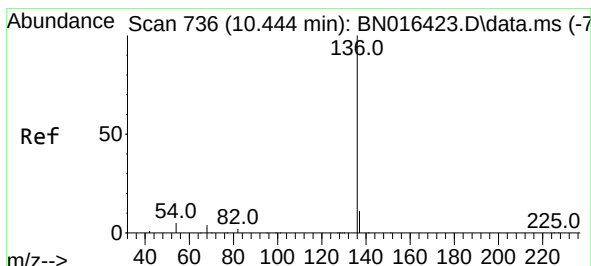
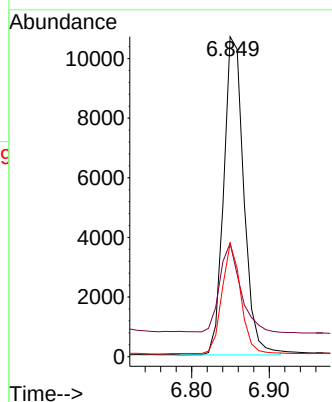
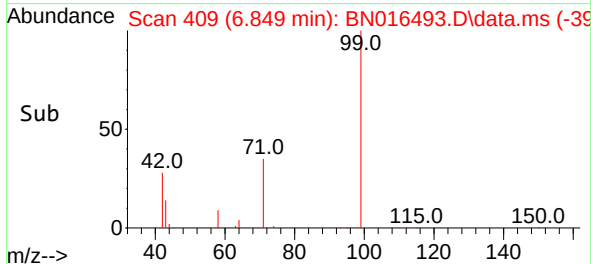


#5
Phenol-d6
Concen: 0.381 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

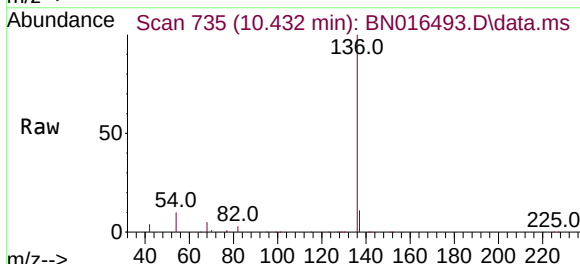
Instrument :
BNA_N
ClientSampled :



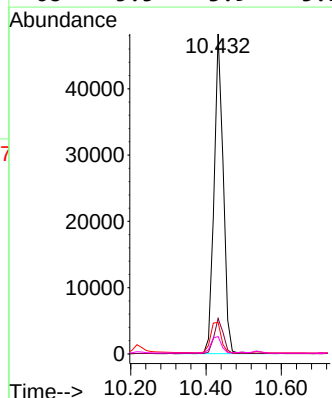
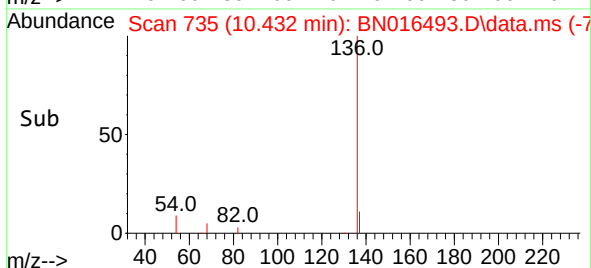
Tgt Ion: 99 Resp: 19195
Ion Ratio Lower Upper
99 100
42 28.9 14.0 21.0#
71 32.2 23.8 35.6

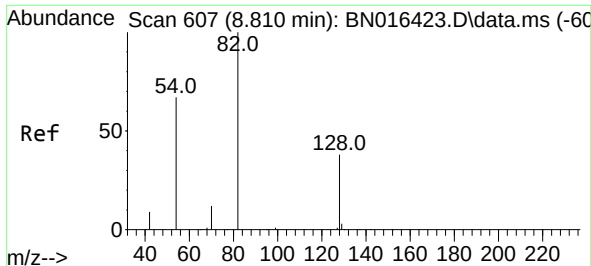


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15



Tgt Ion: 136 Resp: 80948
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.8 5.3 7.9#
68 5.5 3.9 5.9

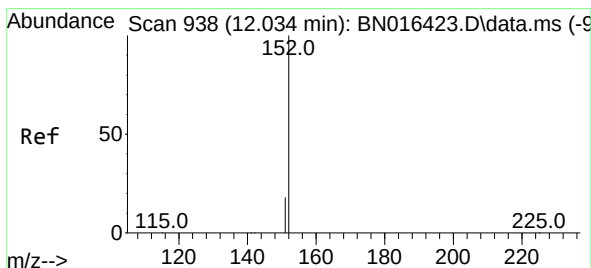
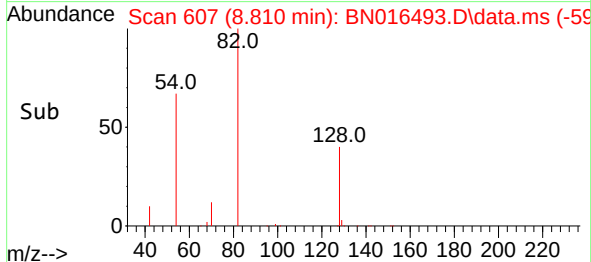
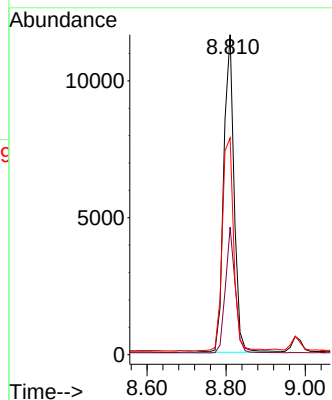
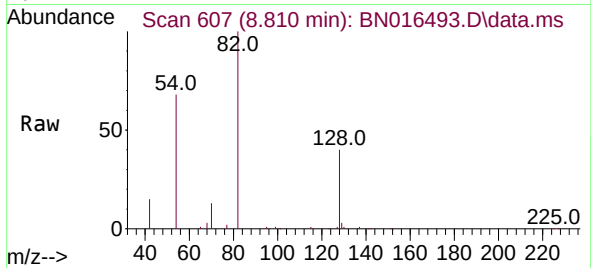




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

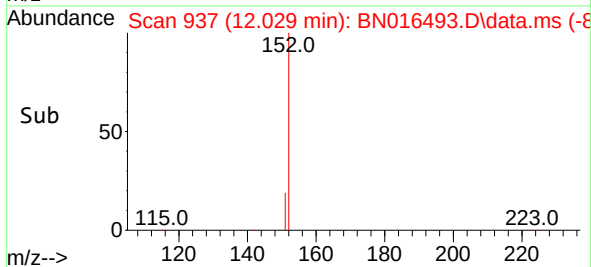
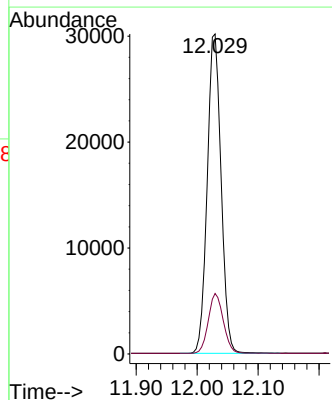
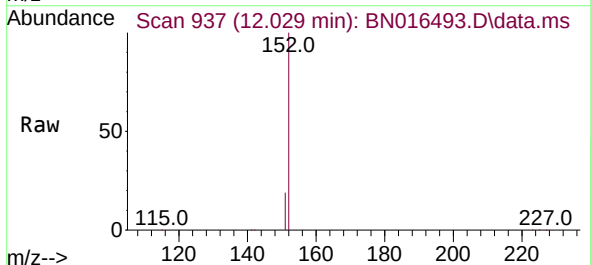
Instrument :
BNA_N
ClientSampleId :

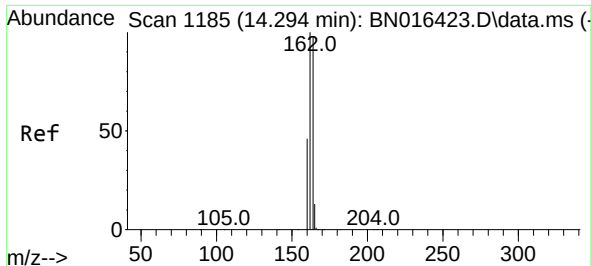
Tgt Ion: 82 Resp: 21033
Ion Ratio Lower Upper
82 100
128 39.8 31.7 47.5
54 67.8 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

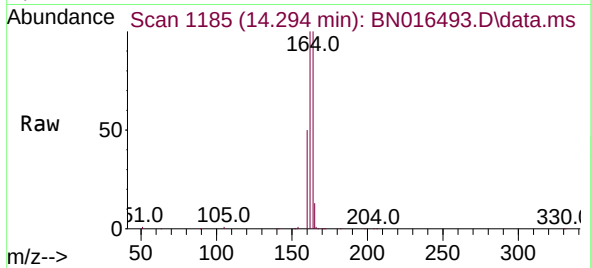
Tgt Ion: 152 Resp: 47864
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



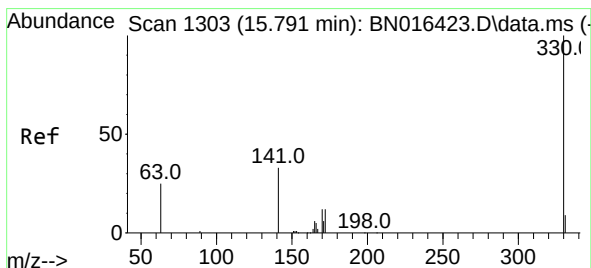
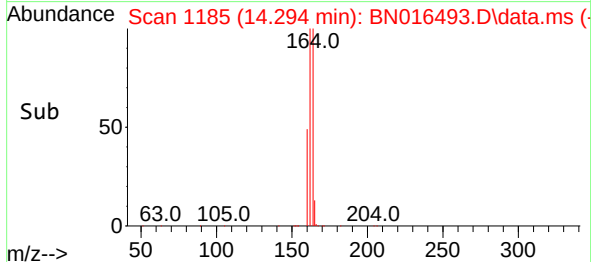
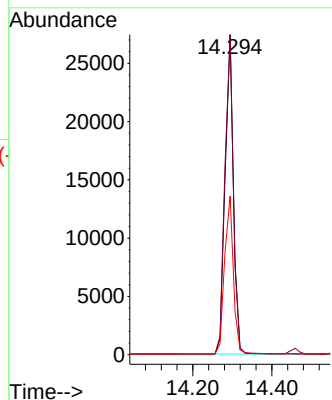


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Instrument :
BNA_N
ClientSampled :

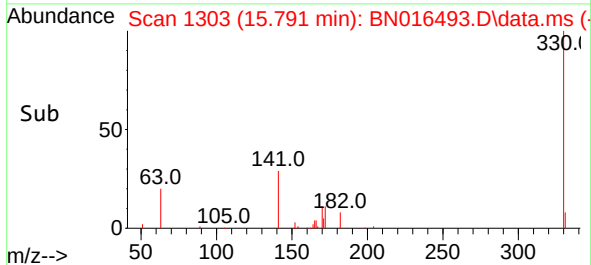
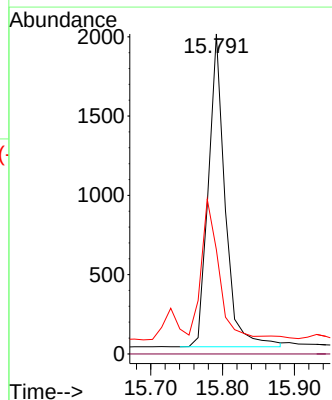
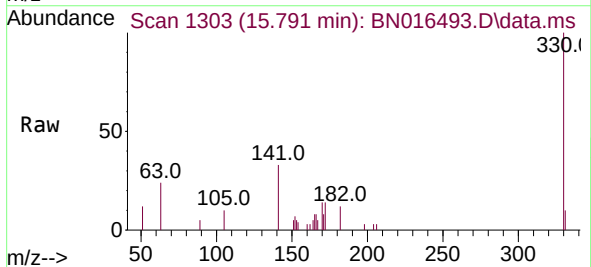


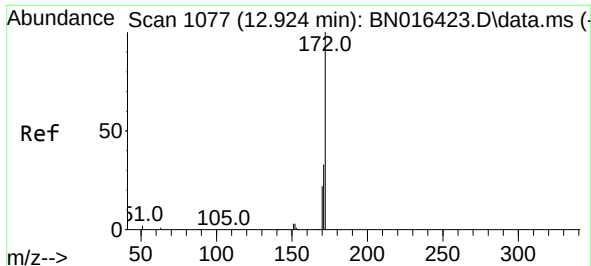
Tgt Ion:164 Resp: 39911
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.4
160 49.5 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:330 Resp: 3192
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.6 25.0 37.4#

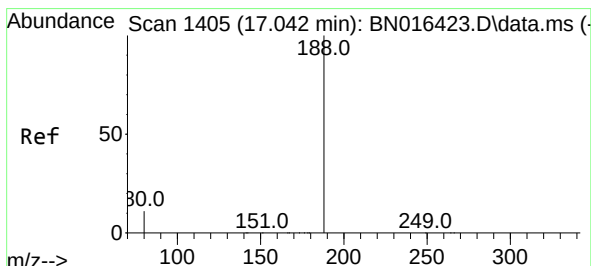
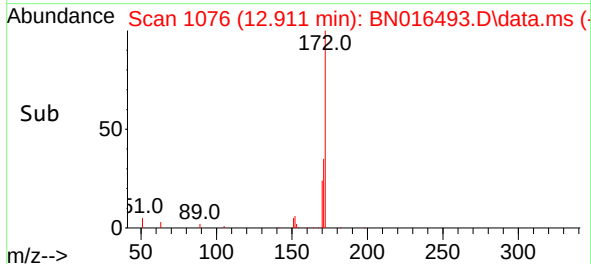
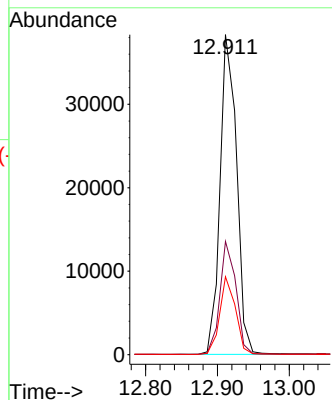
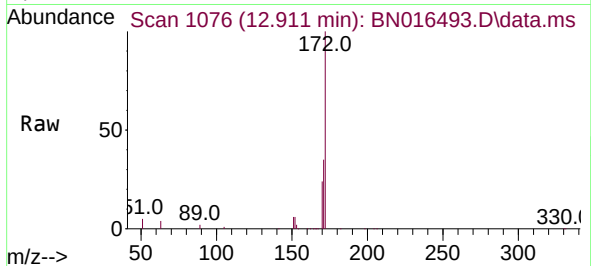




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

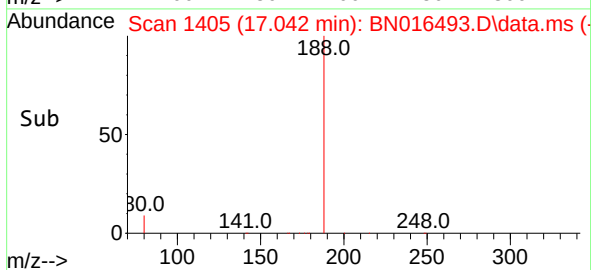
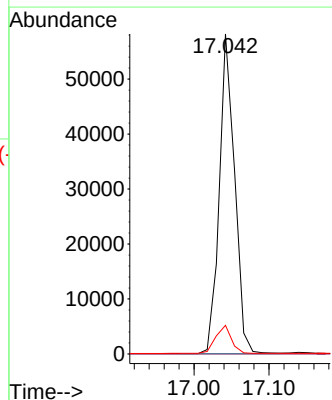
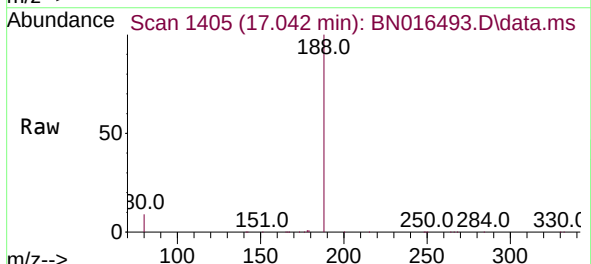
Instrument :
BNA_N
ClientSampleId :

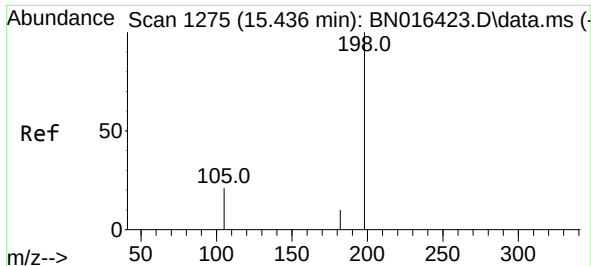
Tgt Ion:172 Resp: 61346
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.3 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:188 Resp: 82578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.0 10.6

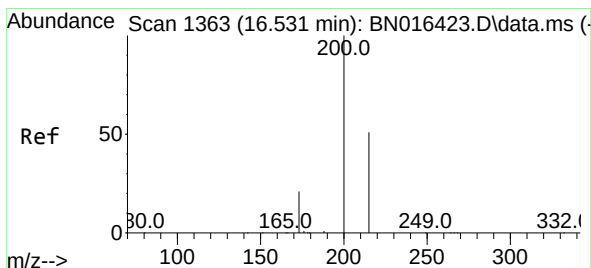
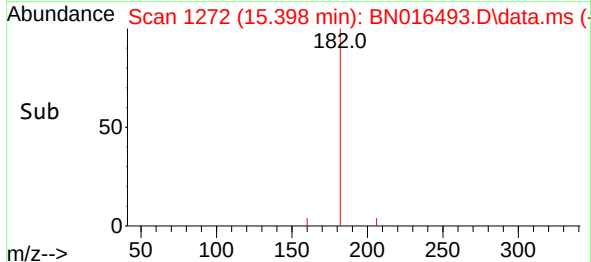
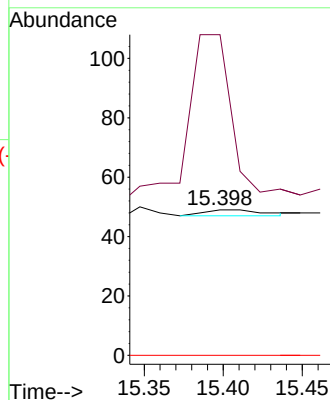
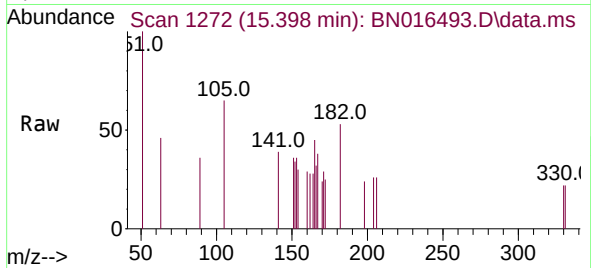




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

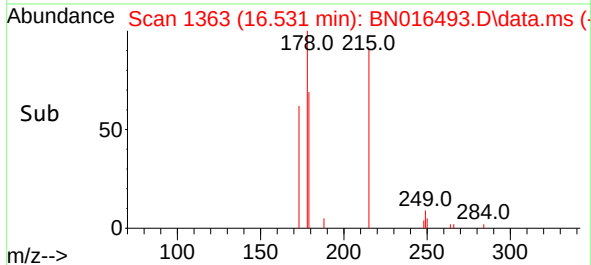
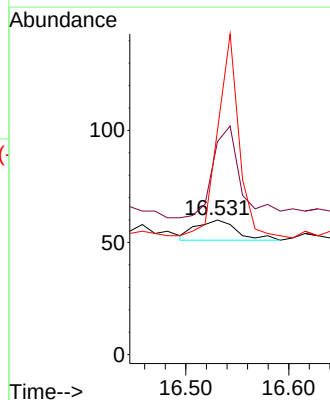
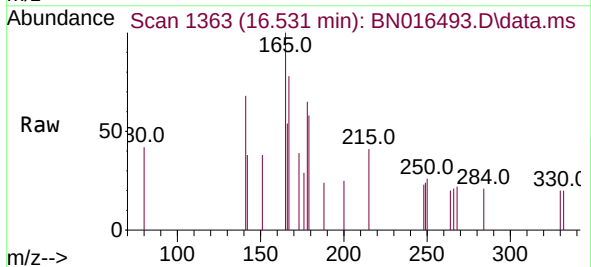
Instrument :
BNA_N
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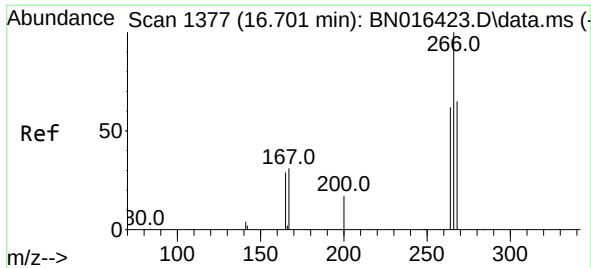
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 220.4 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.136 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:200 Resp: 25
Ion Ratio Lower Upper
200 100
173 158.3 18.7 28.1#
215 166.7 41.6 62.4#

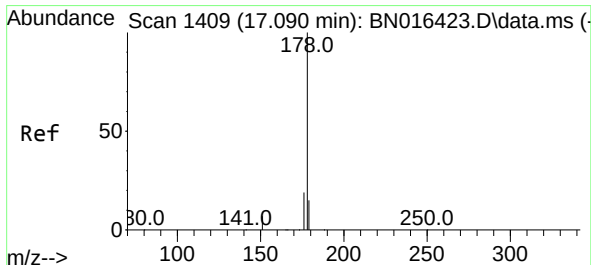
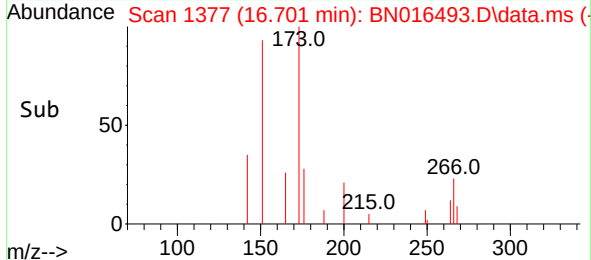
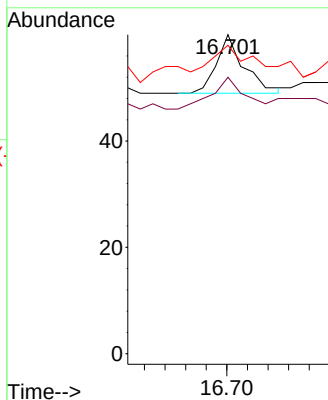
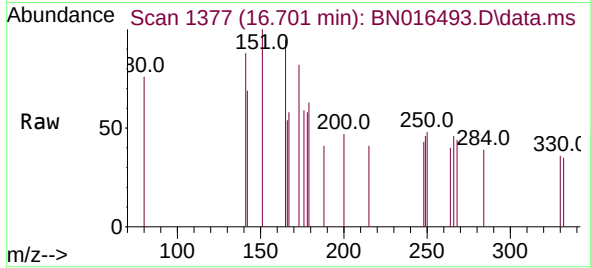




#24
 Pentachlorophenol
 Concen: 0.245 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BN016493.D
 Acq: 26 Sep 2021 03:15

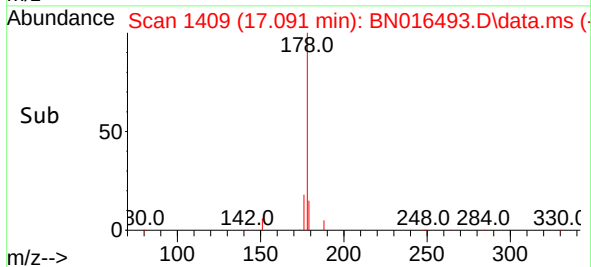
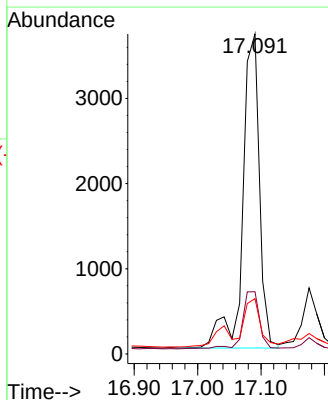
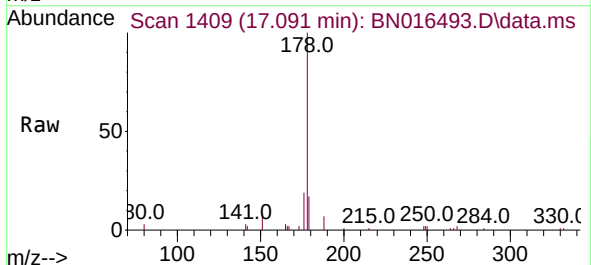
Instrument :
 BNA_N
 ClientSampled :

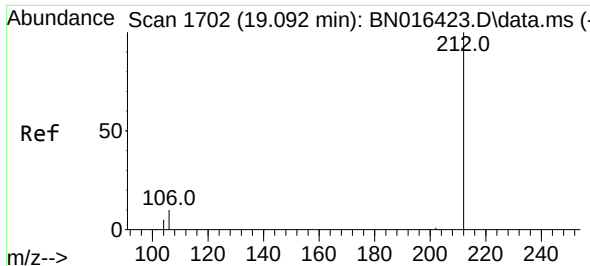
Tgt Ion:266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 65.0 50.6 75.8
 268 115.0 52.6 79.0#



#25
 Phenanthrene
 Concen: 0.028 ng
 RT: 17.091 min Scan# 1409
 Delta R.T. 0.000 min
 Lab File: BN016493.D
 Acq: 26 Sep 2021 03:15

Tgt Ion:178 Resp: 6830
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.4 21.6
 179 14.4 12.2 18.4

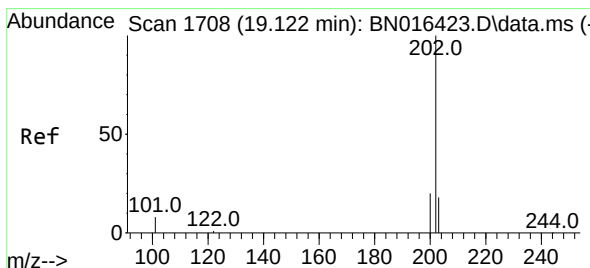
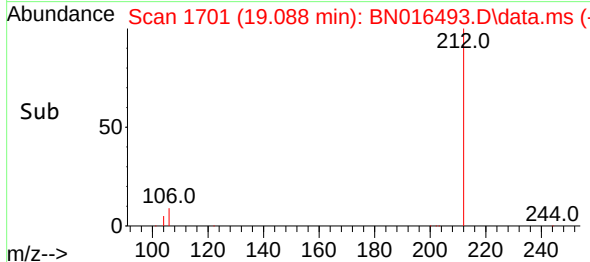
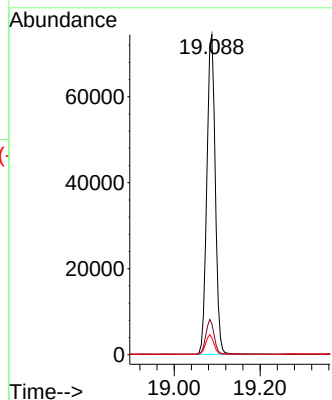
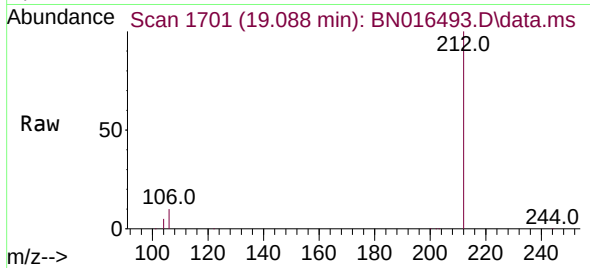




#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

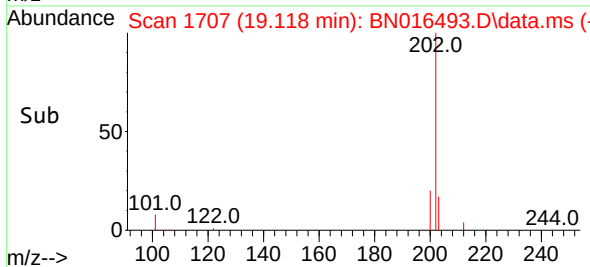
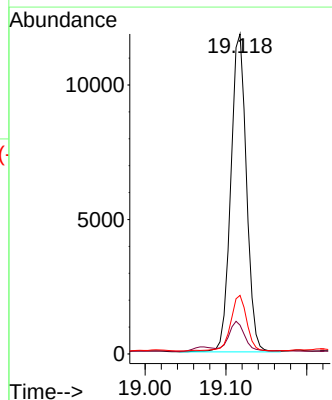
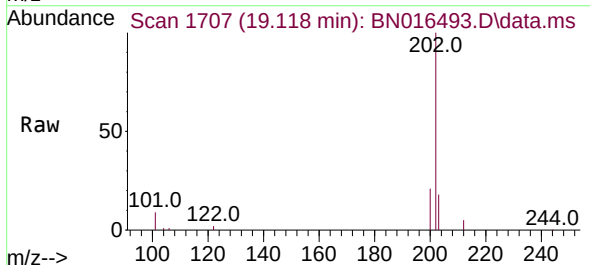
Instrument :
BNA_N
ClientSampleId :

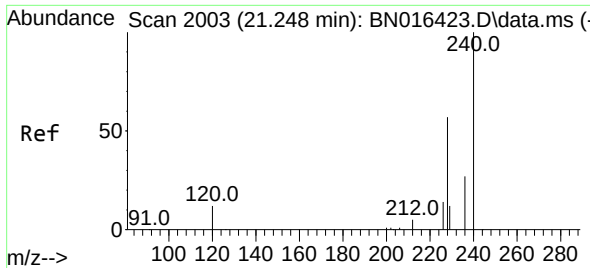
Tgt Ion:212 Resp: 101026
Ion Ratio Lower Upper
212 100
106 10.6 9.8 14.6
104 5.9 5.4 8.2



#28
Fluoranthene
Concen: 0.059 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:202 Resp: 15942
Ion Ratio Lower Upper
202 100
101 9.4 8.5 12.7
203 18.0 13.8 20.8

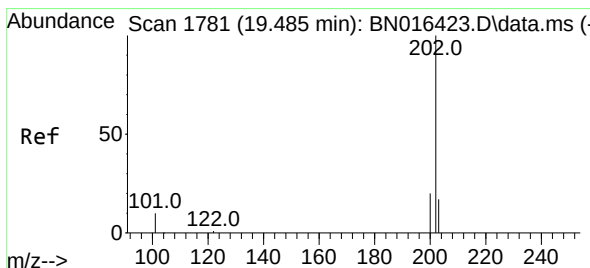
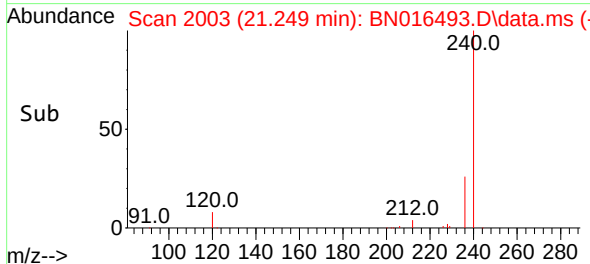
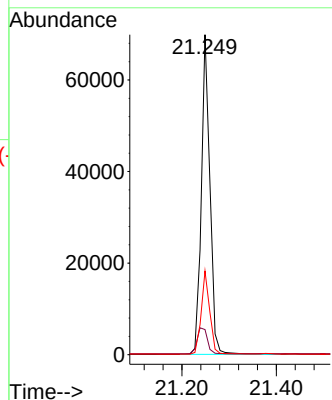
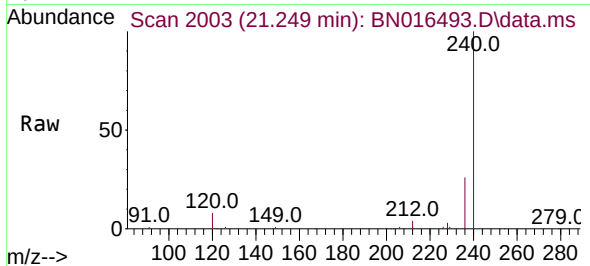




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

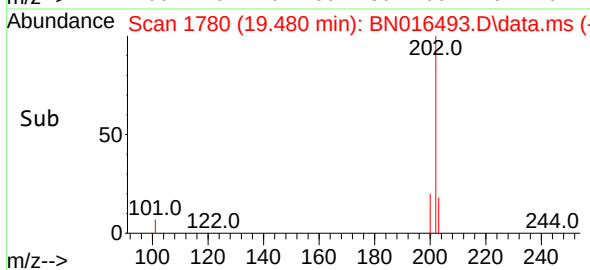
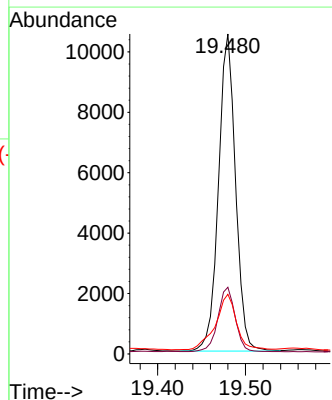
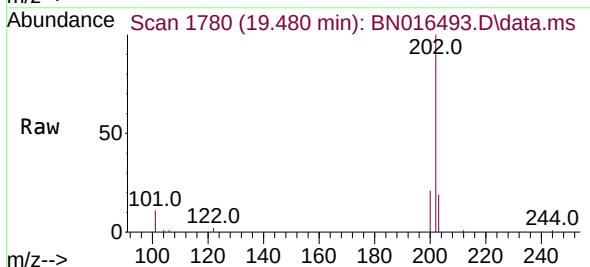
Instrument :
BNA_N
ClientSampleId :

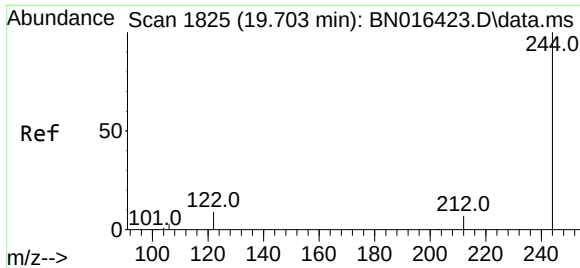
Tgt Ion:240 Resp: 88164
Ion Ratio Lower Upper
240 100
120 7.9 5.3 7.9
236 26.2 19.8 29.8



#30
Pyrene
Concen: 0.051 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:202 Resp: 14199
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.6
203 21.4 13.9 20.9#

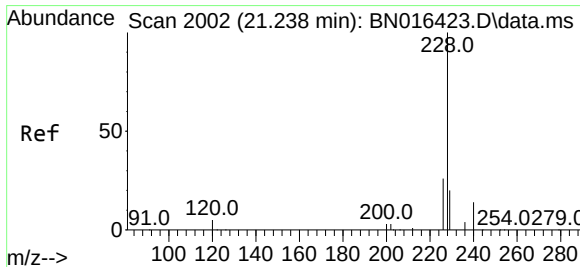
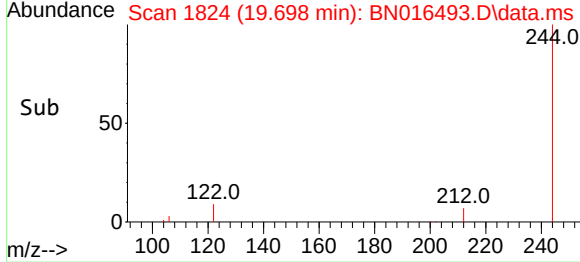
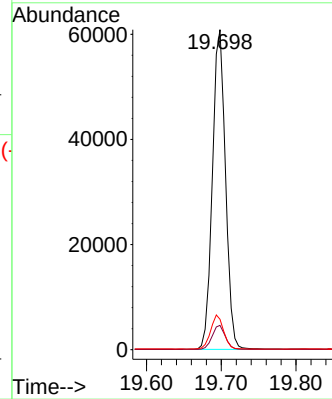
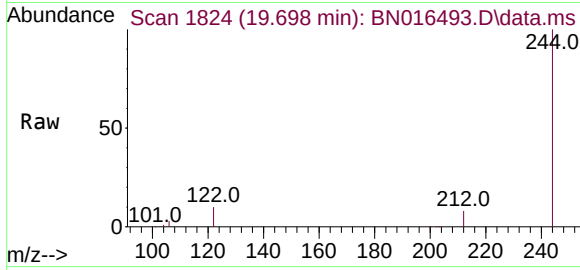




#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

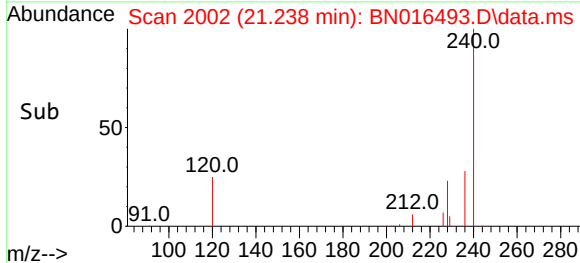
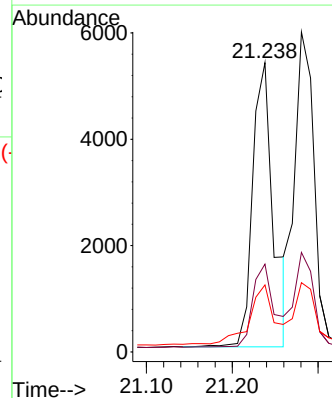
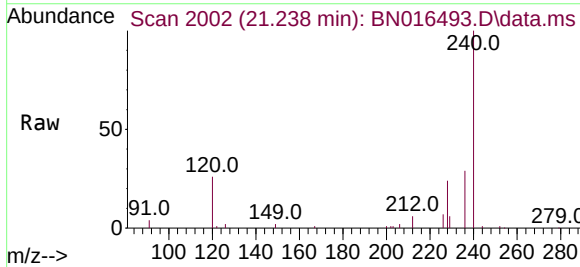
Instrument :
BNA_N
ClientSampled :

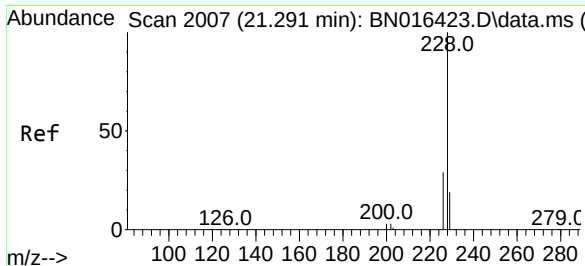
Tgt Ion:244 Resp: 74043
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 9.5 9.0 13.4



#32
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

Tgt Ion:228 Resp: 8966
Ion Ratio Lower Upper
228 100
226 30.4 20.8 31.2
229 23.2 15.8 23.6

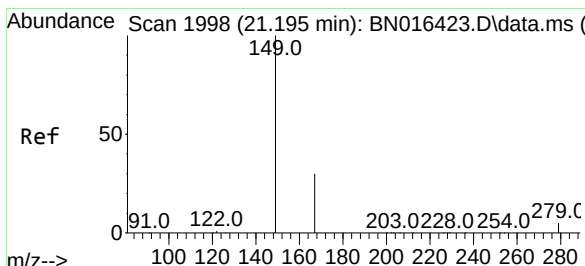
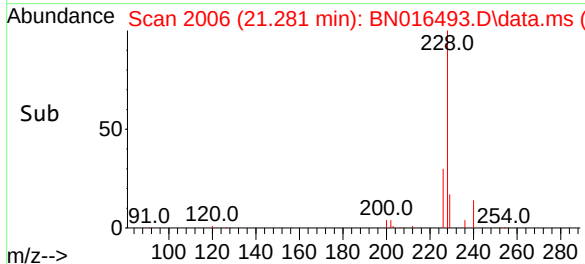
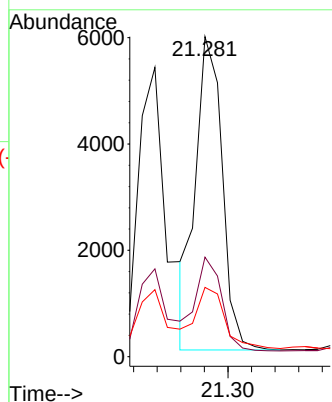
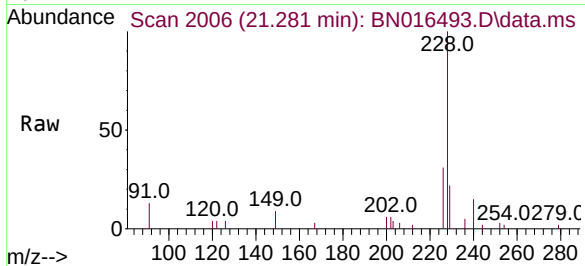




#33
Chrysene
Concen: 0.033 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

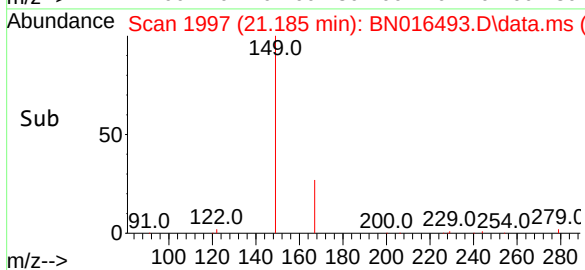
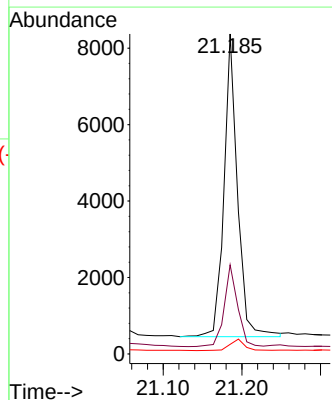
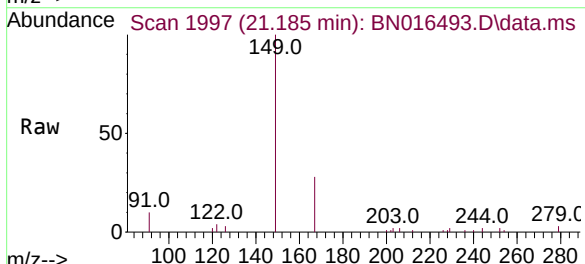
Instrument :
BNA_N
ClientSampled :

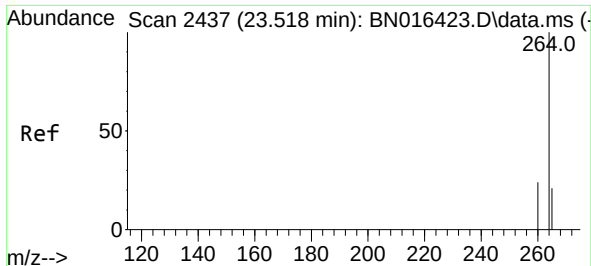
Tgt Ion:228	Resp:	9163
Ion Ratio	Lower	Upper
228	100	
226	31.1	23.0 34.4
229	21.6	15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016493.D
Acq: 26 Sep 2021 03:15

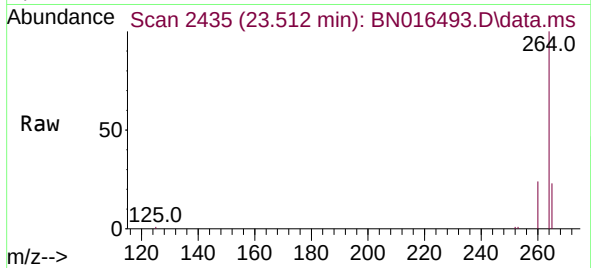
Tgt Ion:149	Resp:	9399
Ion Ratio	Lower	Upper
149	100	
167	26.6	23.4 35.0
279	4.1	3.9 5.9



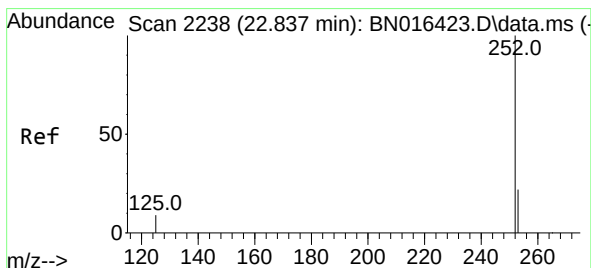
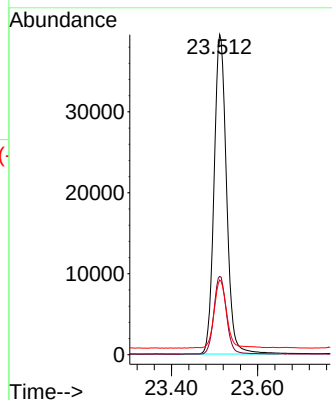
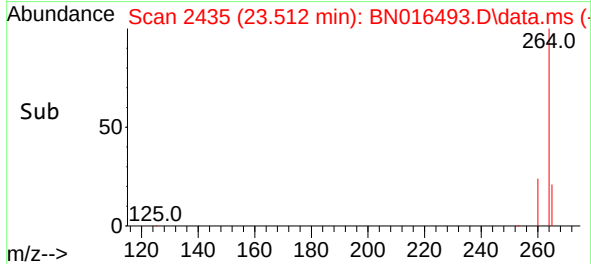


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.512 min Scan# 2435
 Delta R.T. -0.007 min
 Lab File: BN016493.D
 Acq: 26 Sep 2021 03:15

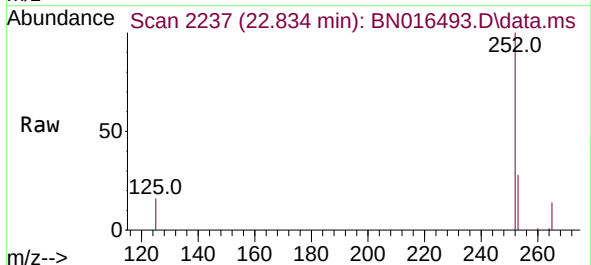
Instrument :
 BNA_N
 ClientSampled :



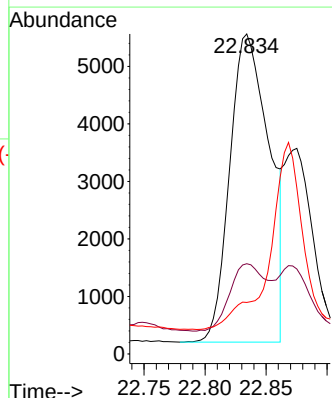
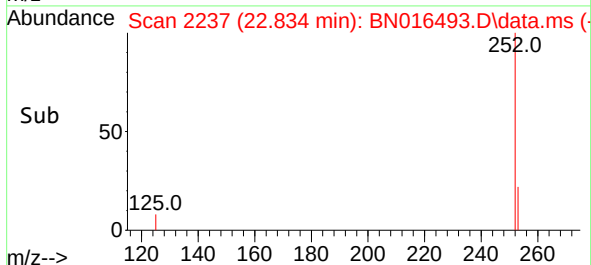
Tgt Ion:264 Resp: 79401
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 23.4 23.7 35.5#

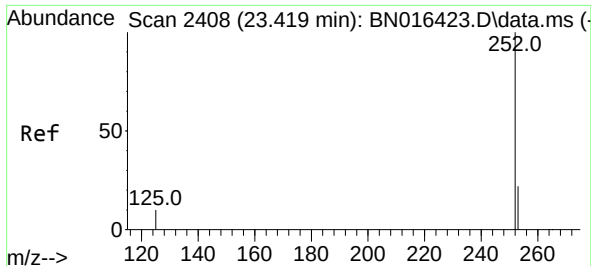


#37
 Benzo(b)fluoranthene
 Concen: 0.046 ng
 RT: 22.834 min Scan# 2237
 Delta R.T. -0.003 min
 Lab File: BN016493.D
 Acq: 26 Sep 2021 03:15



Tgt Ion:252 Resp: 12080
 Ion Ratio Lower Upper
 252 100
 253 28.2 18.2 27.2#
 125 16.1 8.4 12.6#





#39

Benzo(a)pyrene

Concen: 0.035 ng

RT: 23.413 min Scan# 2406

Delta R.T. -0.007 min

Lab File: BN016493.D

Acq: 26 Sep 2021 03:15

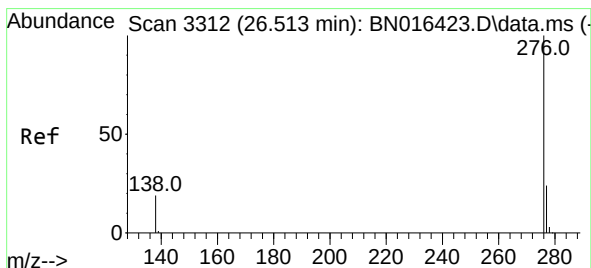
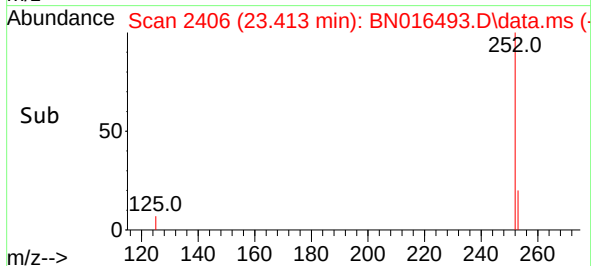
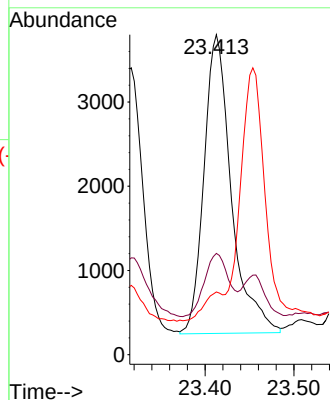
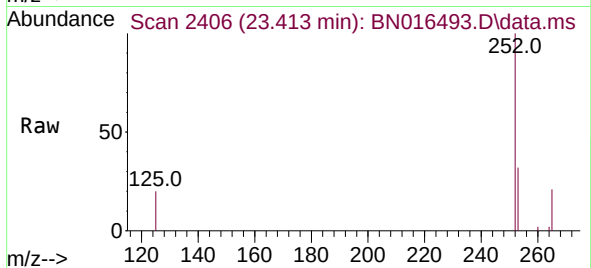
Tgt Ion:252 Resp: 7583

Ion Ratio Lower Upper

252 100

253 31.7 18.7 28.1#

125 19.6 9.9 14.9#



#41

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 26.510 min Scan# 3311

Delta R.T. -0.003 min

Lab File: BN016493.D

Acq: 26 Sep 2021 03:15

Tgt Ion:276 Resp: 5067

Ion Ratio Lower Upper

276 100

277 26.3 20.5 30.7

138 25.9 18.2 27.4

