

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016446.D
 Acq On : 24 Sep 2021 20:24
 Operator : CG/JU
 Sample : M3911-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 05:06:01 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)

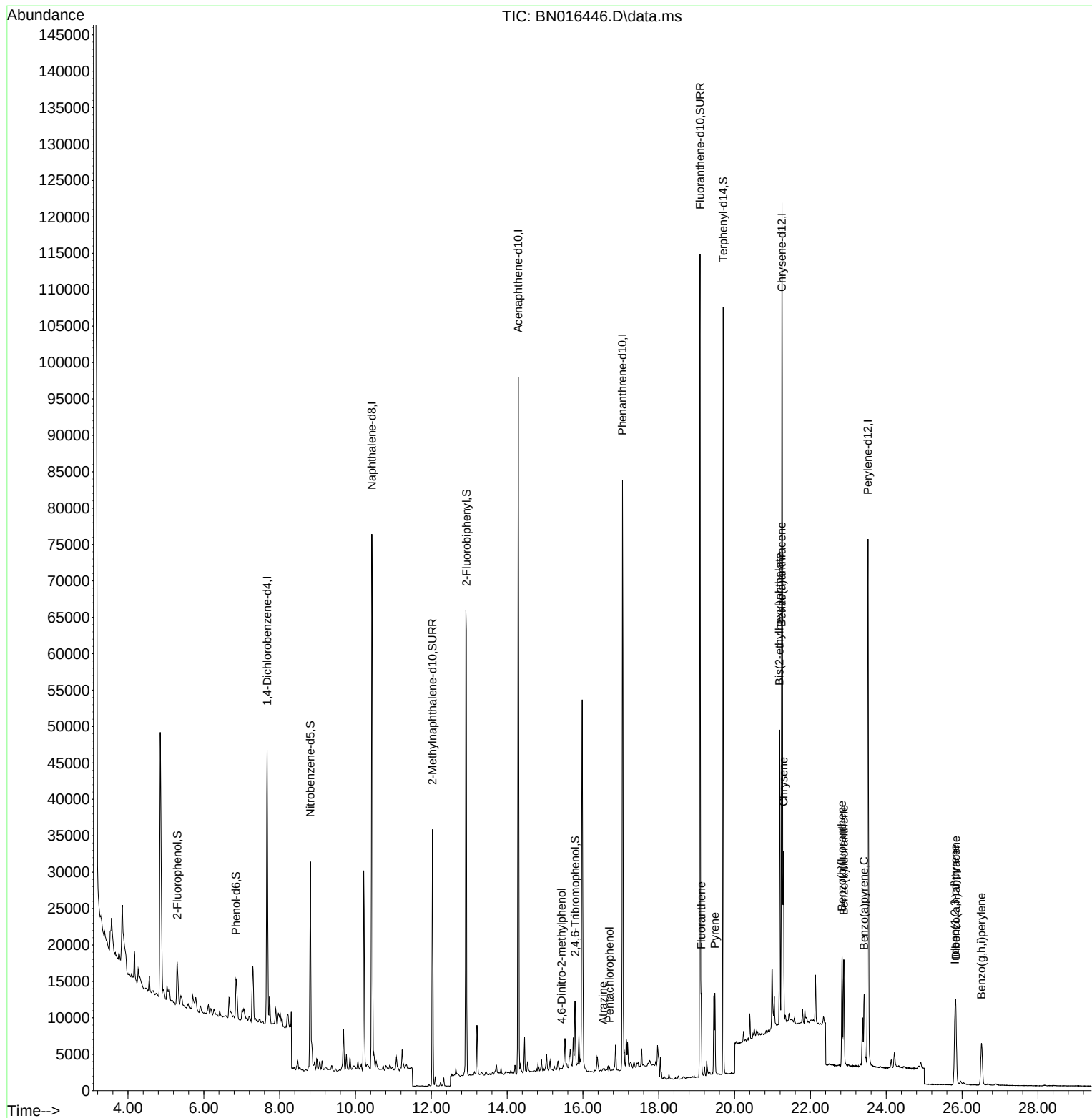
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22529	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	99892	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53320	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	109813	0.400	ng	0.00
29) Chrysene-d12	21.248	240	105607	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	95479	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7530	0.149	ng	0.02
5) Phenol-d6	6.849	99	5189	0.087	ng	0.00
8) Nitrobenzene-d5	8.809	82	21800	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	47739	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6230	0.439	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	62153	0.278	ng	0.00
27) Fluoranthene-d10	19.087	212	126373	0.419	ng	0.00
31) Terphenyl-d14	19.698	244	101085	0.412	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.436	198	28	0.150	ng	# 1
23) Atrazine	16.530	200	266	0.139	ng	# 37
24) Pentachlorophenol	16.701	266	269	0.253	ng	87
28) Fluoranthene	19.117	202	9690	0.027	ng	95
30) Pyrene	19.480	202	10112	0.031	ng	97
32) Benzo(a)anthracene	21.238	228	19241	0.063	ng	96
33) Chrysene	21.291	228	19320	0.059	ng	97
34) Bis(2-ethylhexyl)phtha...	21.185	149	40449	0.484	ng	98
36) Indeno(1,2,3-cd)pyrene	25.812	276	15879	0.051	ng	99
37) Benzo(b)fluoranthene	22.834	252	19157	0.060	ng	# 91
38) Benzo(k)fluoranthene	22.882	252	17661	0.057	ng	# 85
39) Benzo(a)pyrene	23.416	252	14744	0.057	ng	# 89
40) Dibenzo(a,h)anthracene	25.832	278	13132	0.050	ng	# 96
41) Benzo(g,h,i)perylene	26.510	276	12631	0.047	ng	99

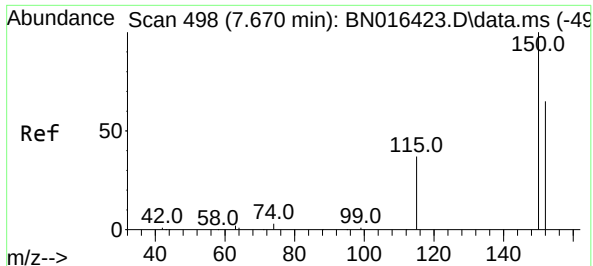
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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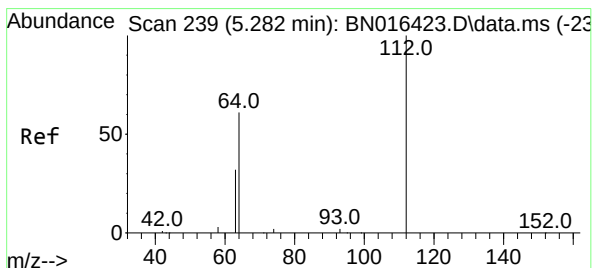
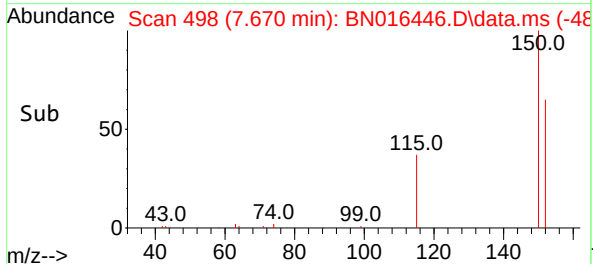
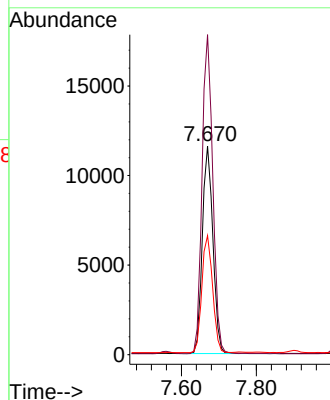
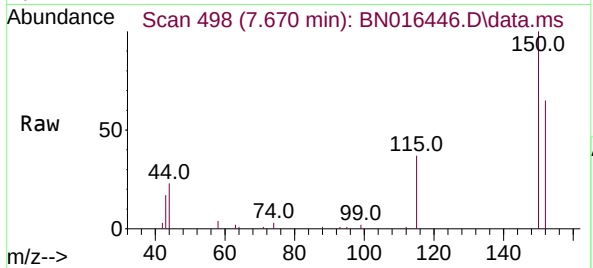




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

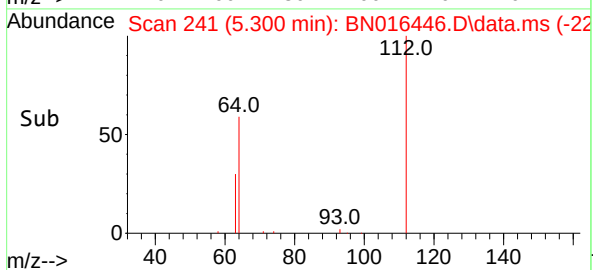
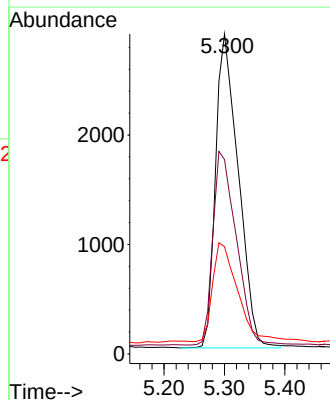
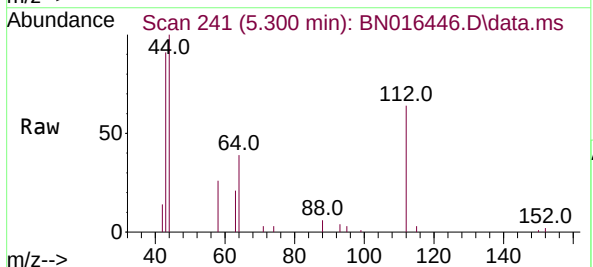
Instrument :
BNA_N
ClientSampled :

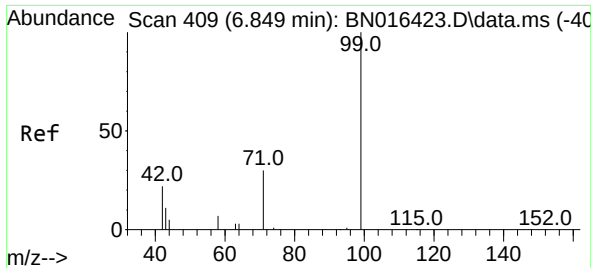
Tgt Ion:152 Resp: 22529
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 57.0 50.2 75.2



#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:112 Resp: 7530
Ion Ratio Lower Upper
112 100
64 63.2 47.3 70.9
63 34.0 23.4 35.0

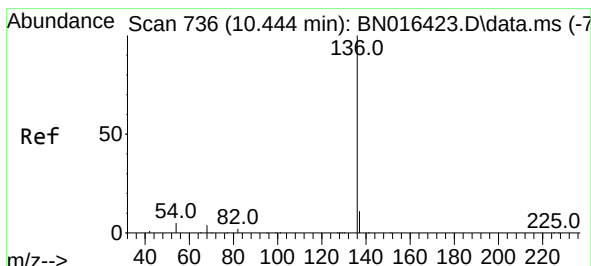
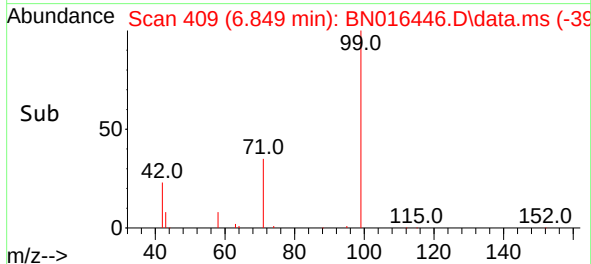
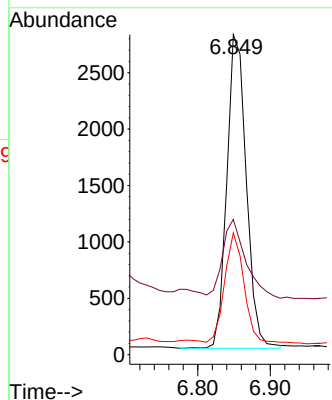
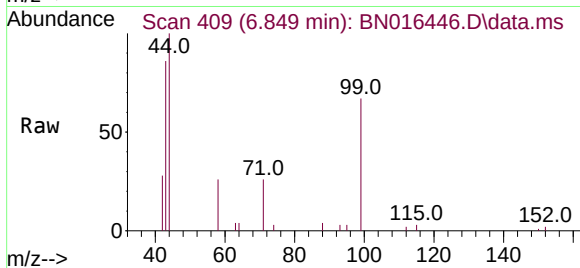




#5
Phenol-d6
Concen: 0.087 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

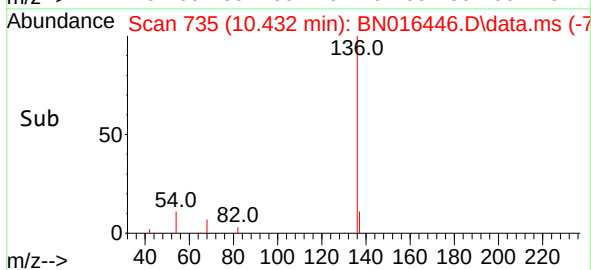
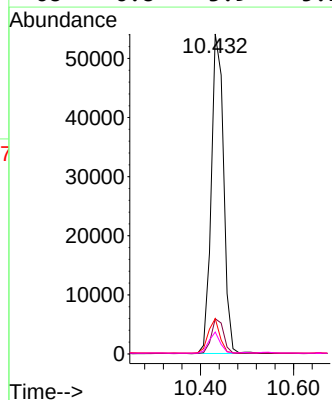
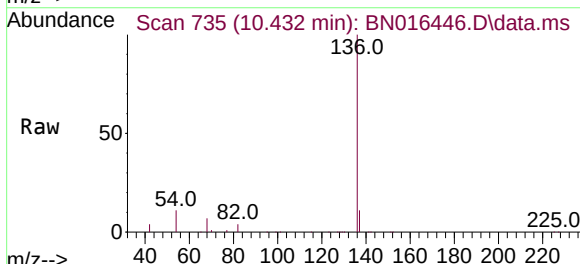
Instrument :
BNA_N
ClientSampleId :

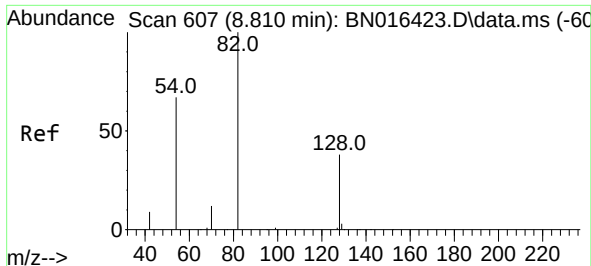
Tgt Ion: 99 Resp: 5189
Ion Ratio Lower Upper
99 100
42 29.8 14.0 21.0#
71 34.0 23.8 35.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:136 Resp: 99892
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.1 5.3 7.9#
68 6.8 3.9 5.9#

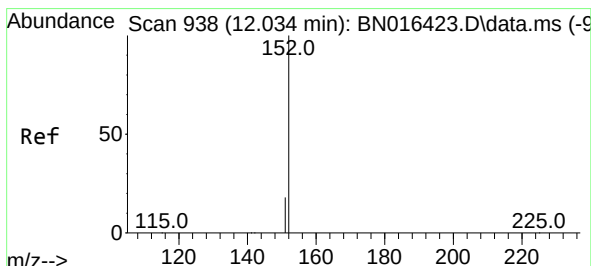
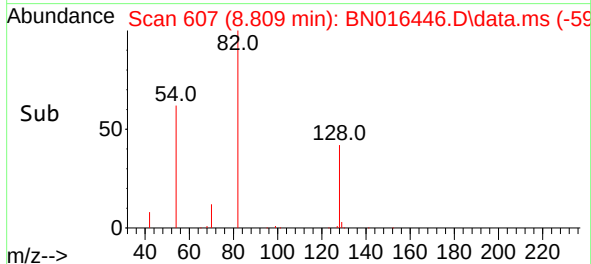
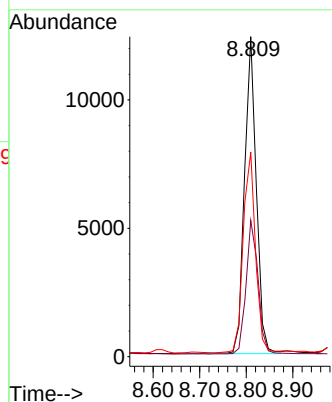
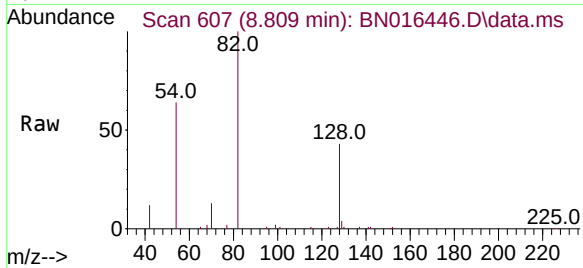




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

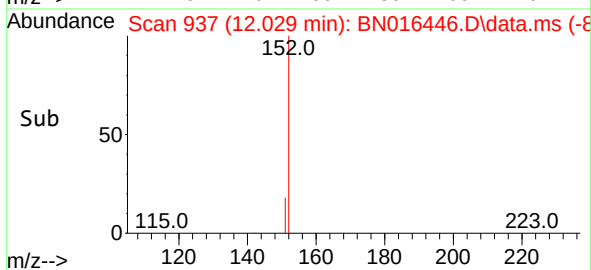
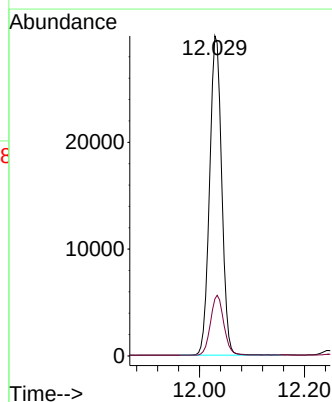
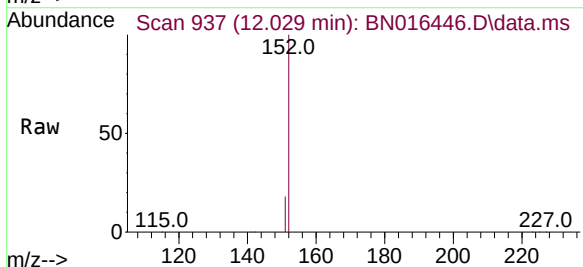
Instrument :
BNA_N
ClientSampleId :

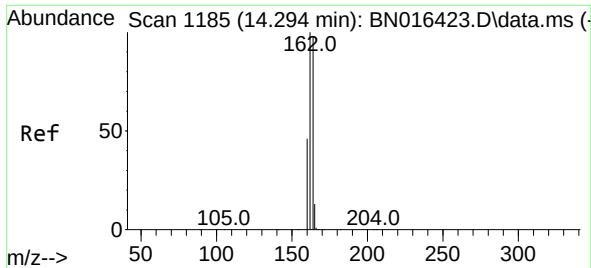
Tgt Ion: 82 Resp: 21800
Ion Ratio Lower Upper
82 100
128 42.6 31.7 47.5
54 63.9 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion: 152 Resp: 47739
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1

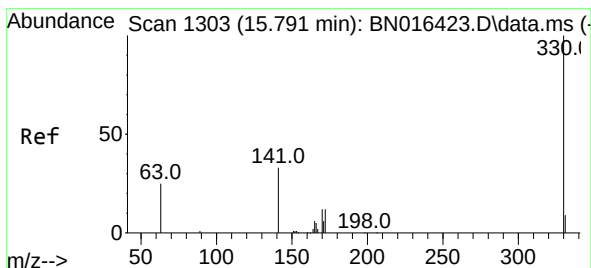
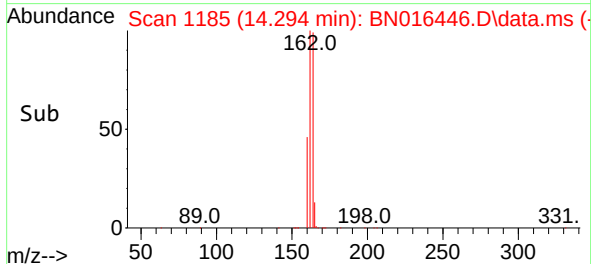
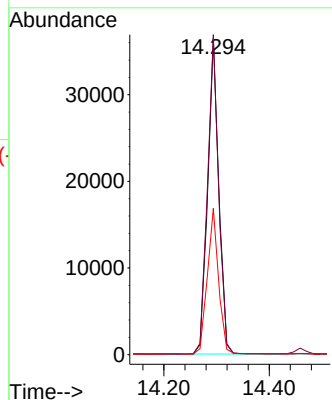
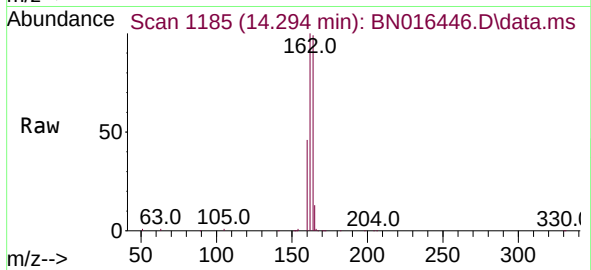




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

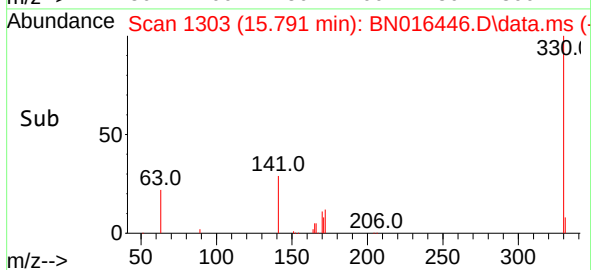
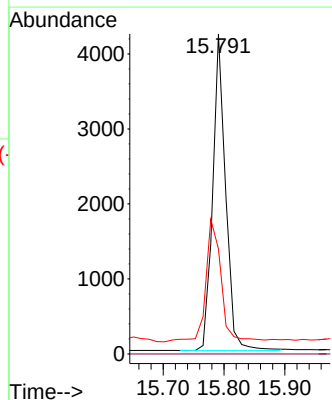
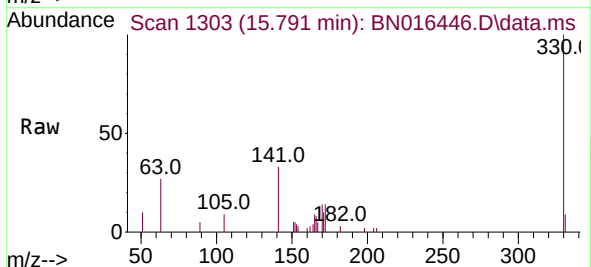
Instrument :
BNA_N
ClientSampleId :

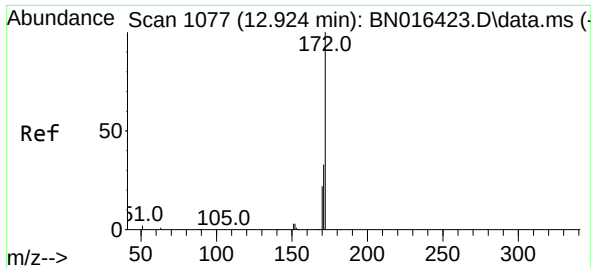
Tgt Ion:164 Resp: 53320
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.4
160 46.2 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:330 Resp: 6230
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.2 25.0 37.4#

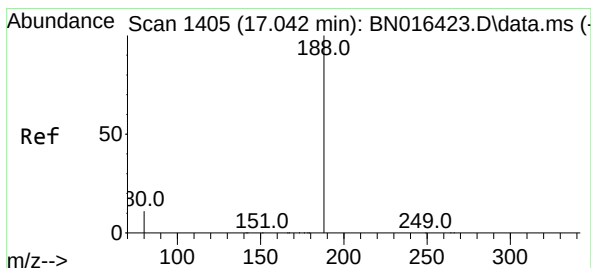
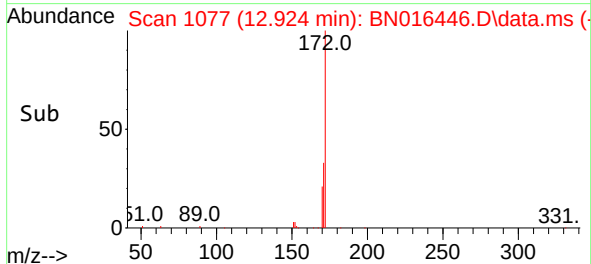
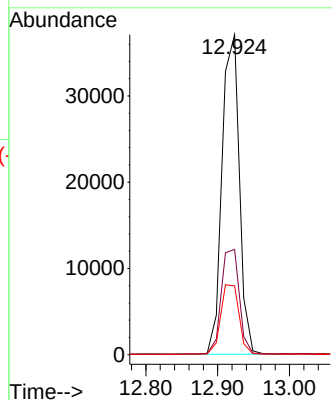
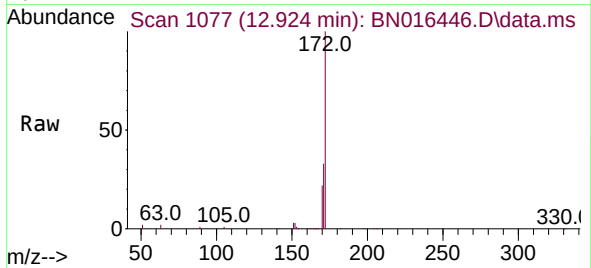




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

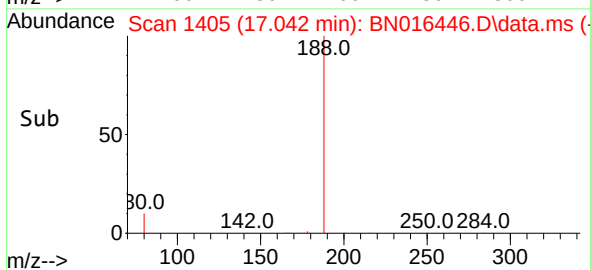
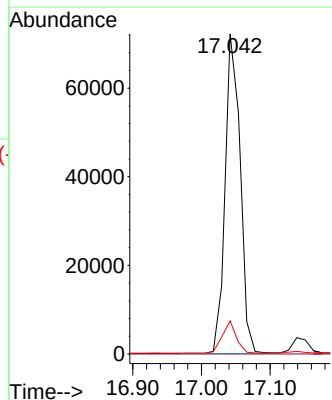
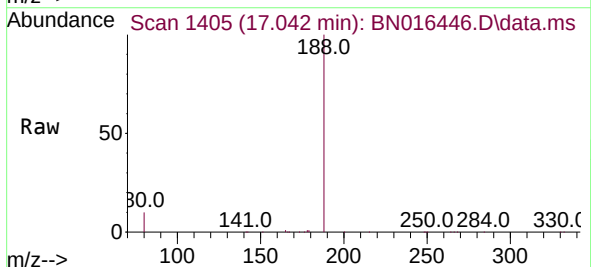
Instrument :
BNA_N
ClientSampleId :

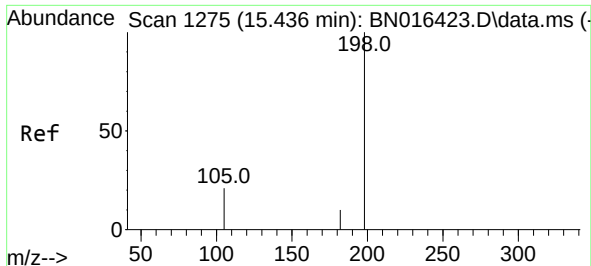
Tgt Ion:172 Resp: 62153
Ion Ratio Lower Upper
172 100
171 32.9 27.8 41.6
170 21.5 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:188 Resp: 109813
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.0 10.6

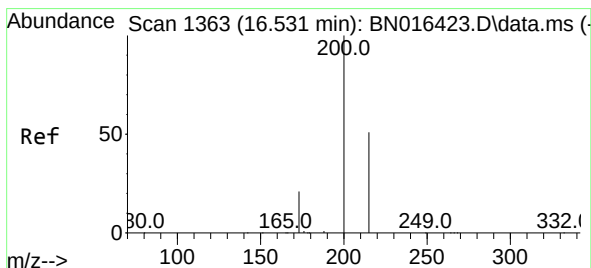
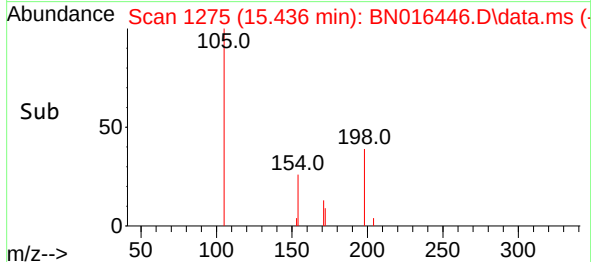
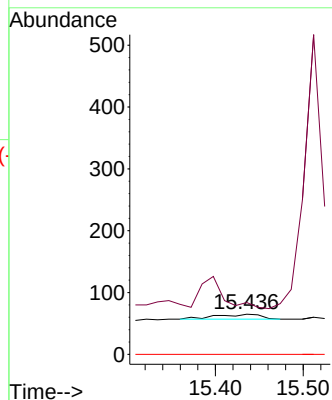
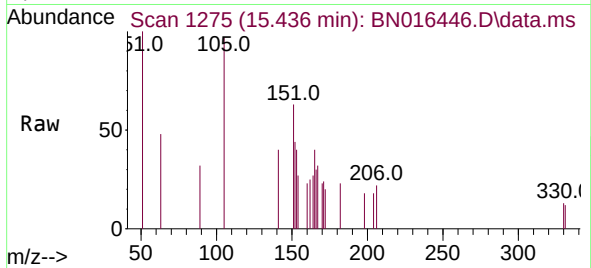




#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

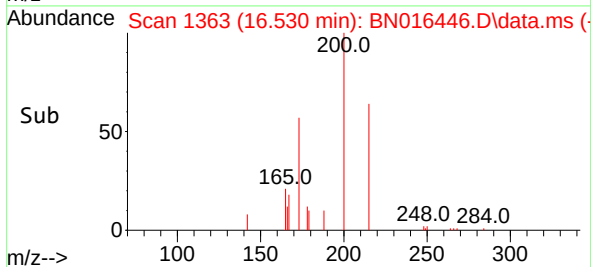
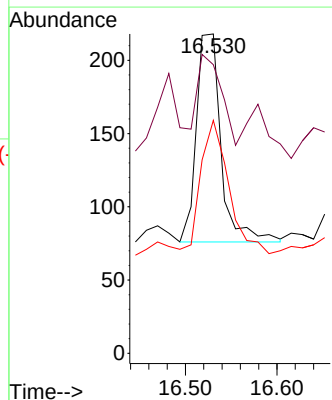
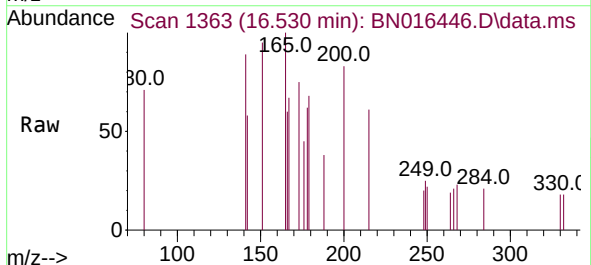
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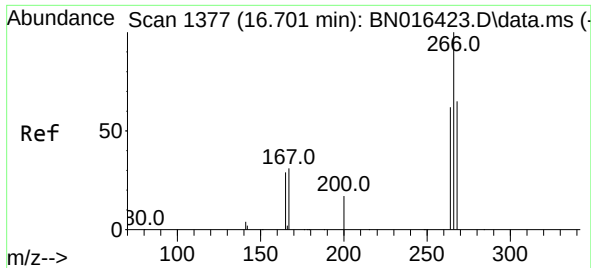
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
182 129.2 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.139 ng
RT: 16.530 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:200 Resp: 266
Ion Ratio Lower Upper
200 100
173 90.4 18.7 28.1#
215 72.9 41.6 62.4#

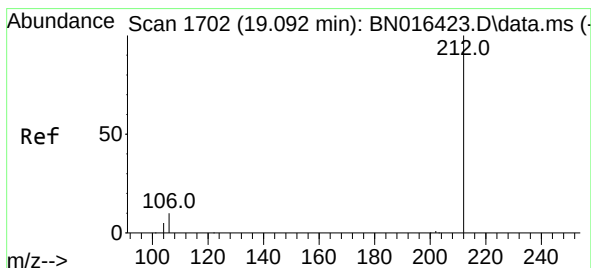
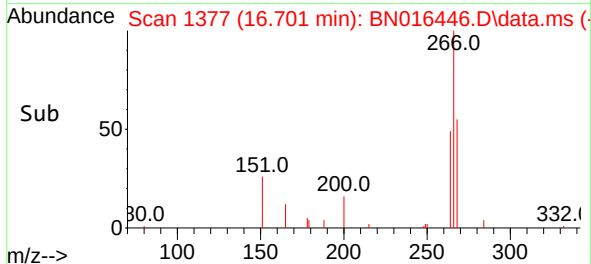
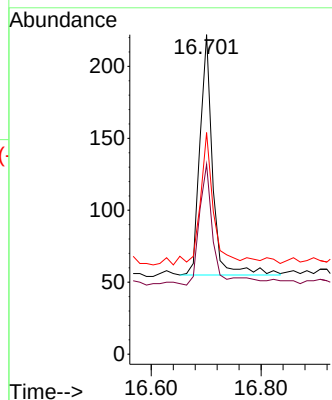
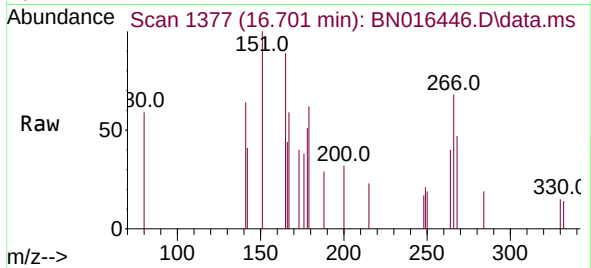




#24
 Pentachlorophenol
 Concen: 0.253 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. -0.000 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

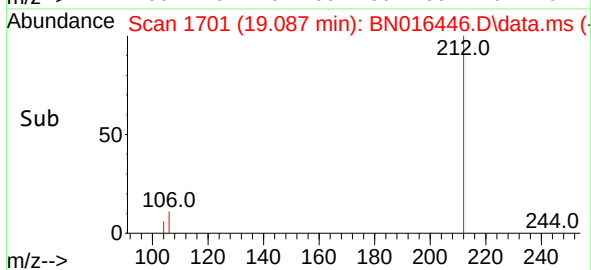
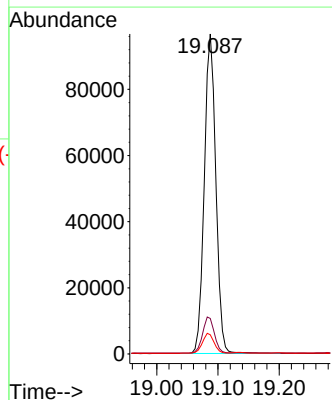
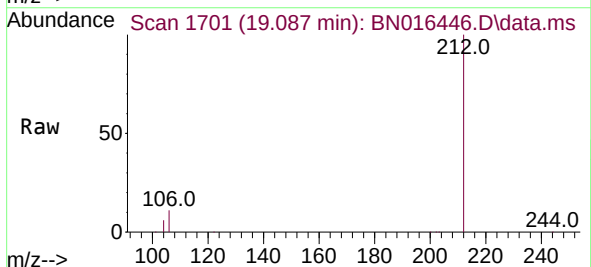
Instrument :
 BNA_N
 ClientSampleId :

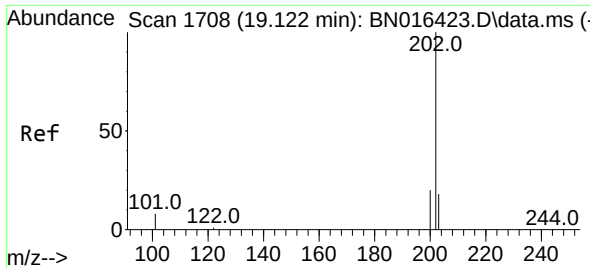
Tgt Ion:	266	Resp:	269
Ion	Ratio	Lower	Upper
266	100		
264	51.3	50.6	75.8
268	56.9	52.6	79.0



#27
 Fluoranthene-d10
 Concen: 0.419 ng
 RT: 19.087 min Scan# 1701
 Delta R.T. -0.005 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

Tgt Ion:	212	Resp:	126373
Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.8	14.6
104	6.3	5.4	8.2

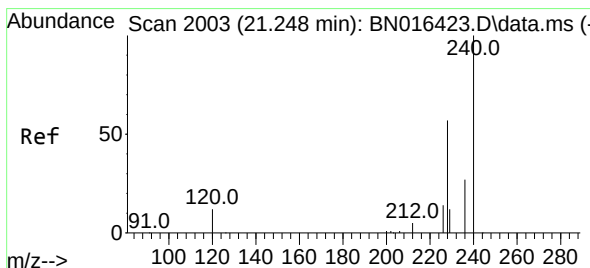
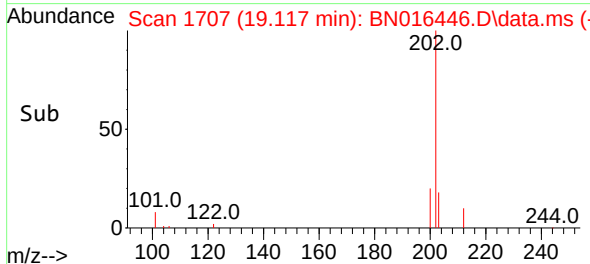
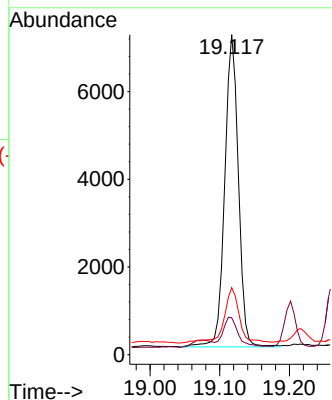
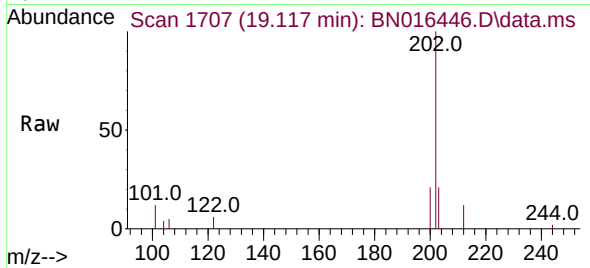




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

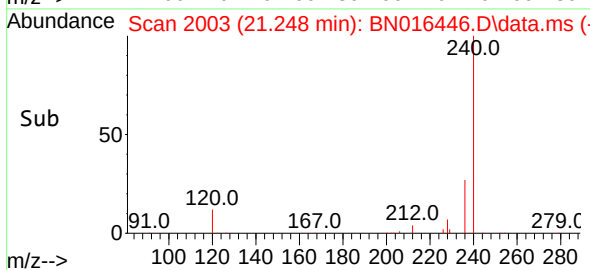
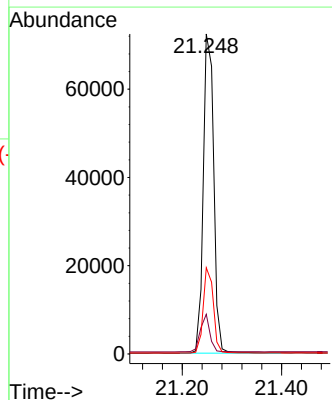
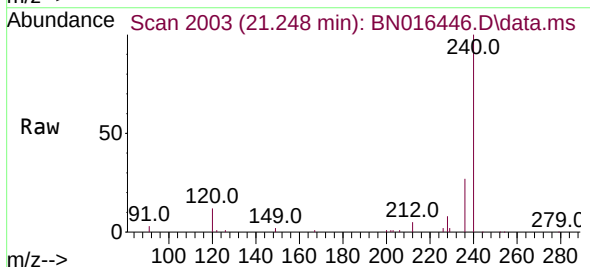
Instrument :
BNA_N
ClientSampleId :

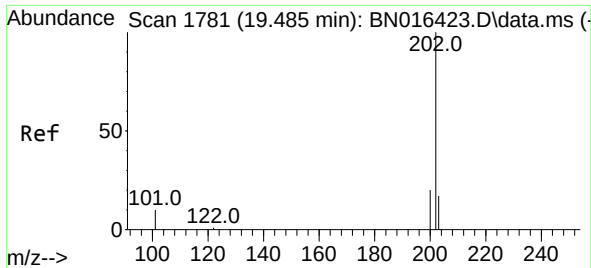
Tgt Ion:202 Resp: 9690
Ion Ratio Lower Upper
202 100
101 9.7 8.5 12.7
203 19.9 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:240 Resp: 105607
Ion Ratio Lower Upper
240 100
120 12.4 5.3 7.9#
236 27.0 19.8 29.8

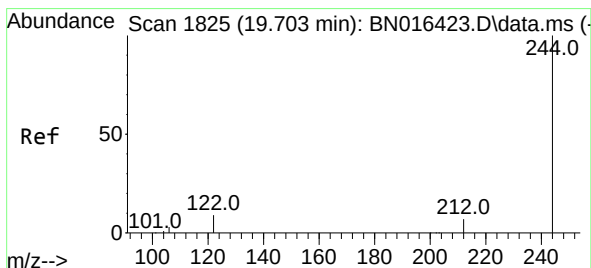
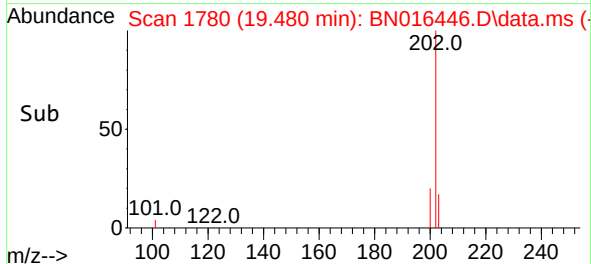
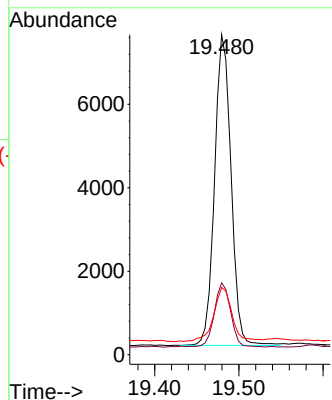
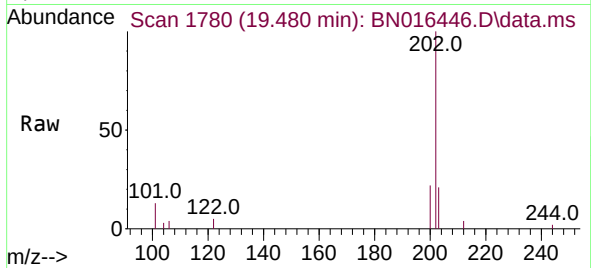




#30
Pyrene
Concen: 0.031 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

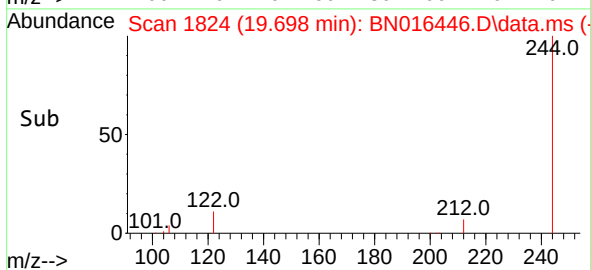
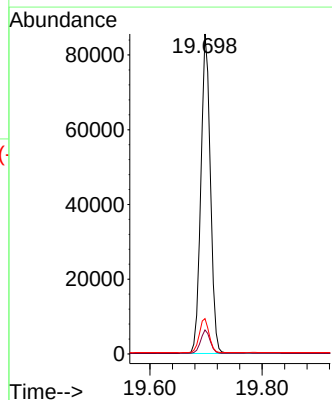
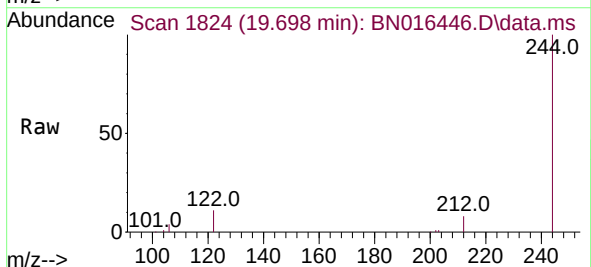
Instrument :
BNA_N
ClientSampleId :

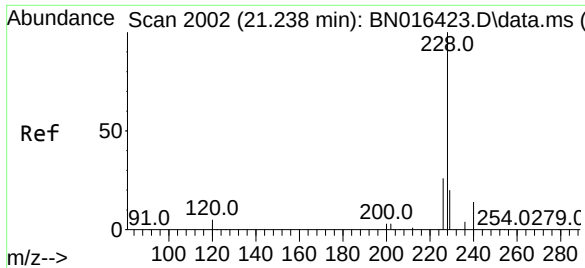
Tgt Ion:202	Resp:	10112
Ion Ratio	Lower	Upper
202	100	
200	20.1	15.8 23.6
203	19.4	13.9 20.9



#31
Terphenyl-d14
Concen: 0.412 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:244	Resp:	101085
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	11.0	9.0 13.4

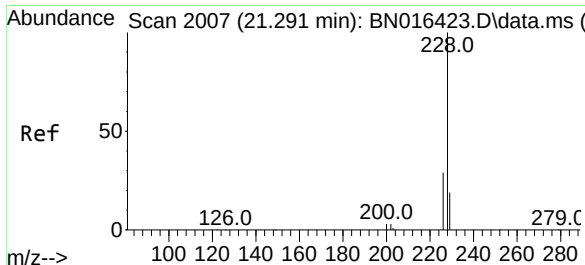
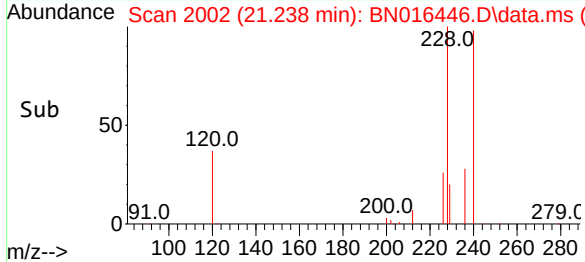
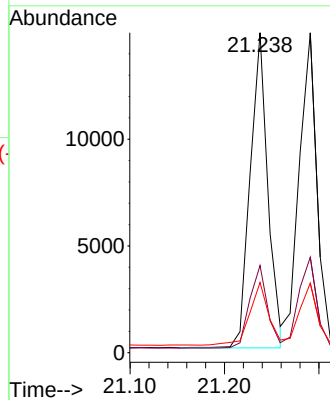
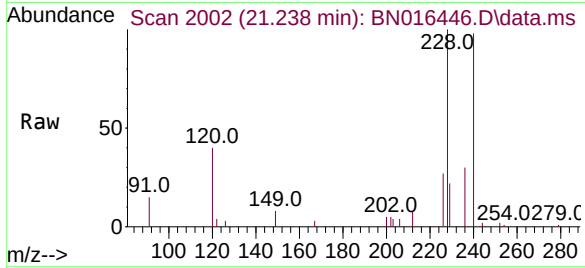




#32
Benzo(a)anthracene
Concen: 0.063 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

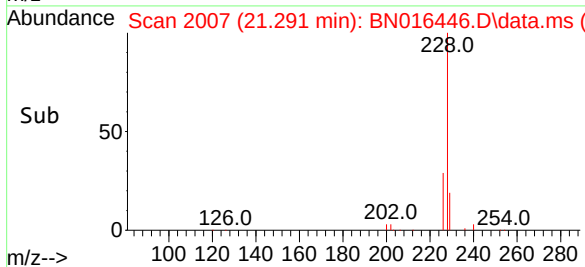
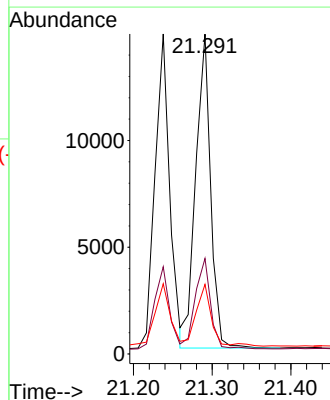
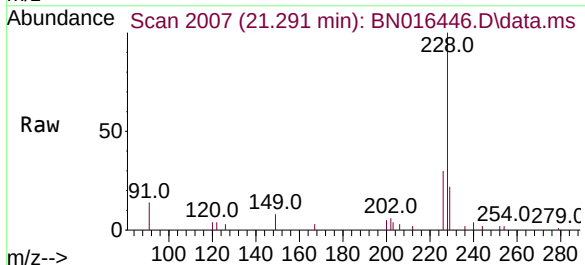
Instrument :
BNA_N
ClientSampleId :

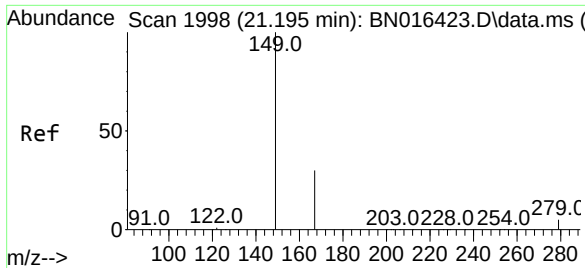
Tgt Ion:228	Resp:	19241
Ion Ratio	Lower	Upper
228	100	
226	27.2	20.8 31.2
229	21.9	15.8 23.6



#33
Chrysene
Concen: 0.059 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:228	Resp:	19320
Ion Ratio	Lower	Upper
228	100	
226	29.9	23.0 34.4
229	21.8	15.6 23.4

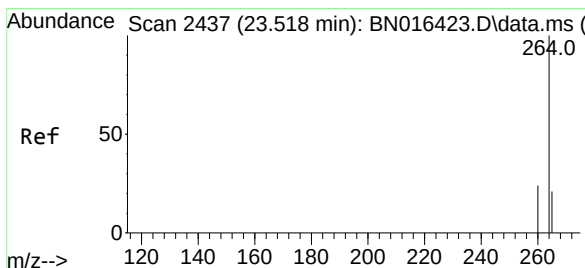
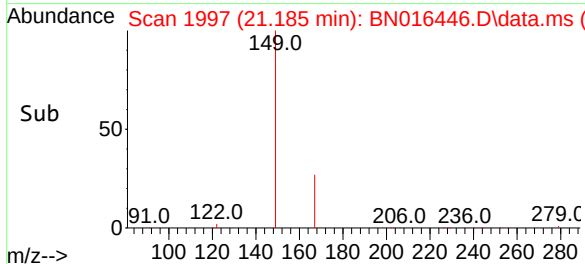
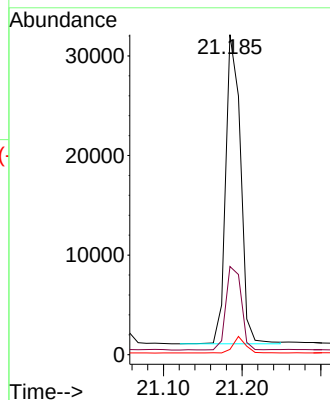
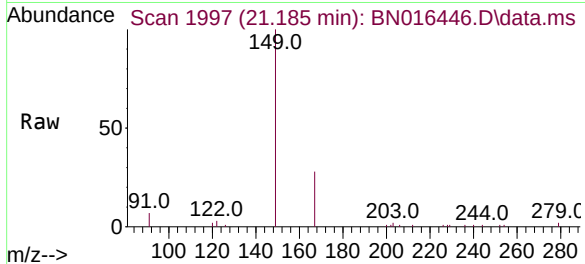




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.484 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

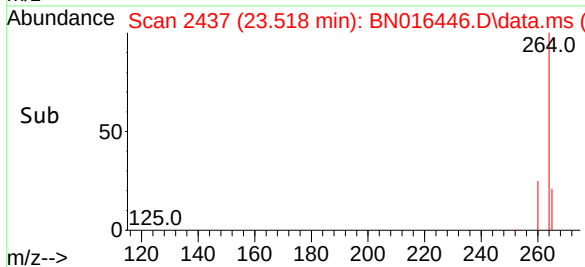
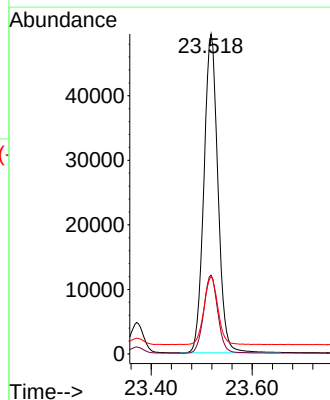
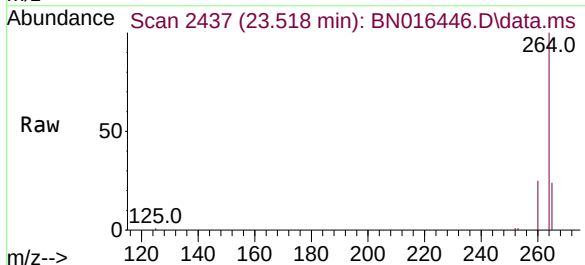
Instrument :
 BNA_N
 ClientSampled :

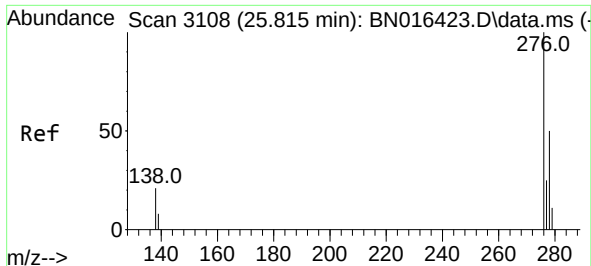
Tgt Ion:149	Resp:	40449
Ion Ratio	Lower	Upper
149	100	
167	28.0	23.4 35.0
279	4.5	3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016446.D
 Acq: 24 Sep 2021 20:24

Tgt Ion:264	Resp:	95479
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.9 28.3
265	24.3	23.7 35.5

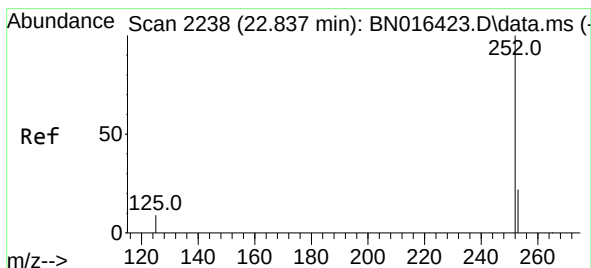
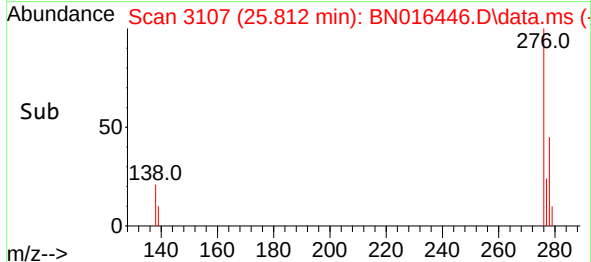
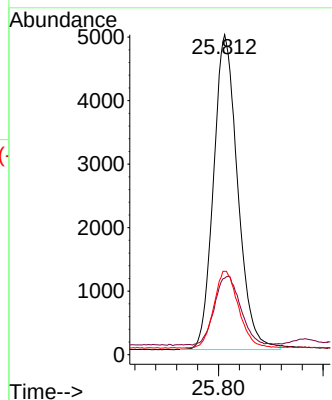
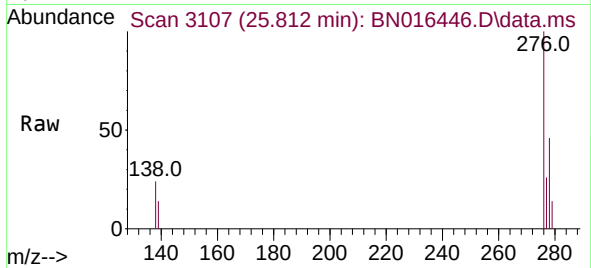




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 25.812 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

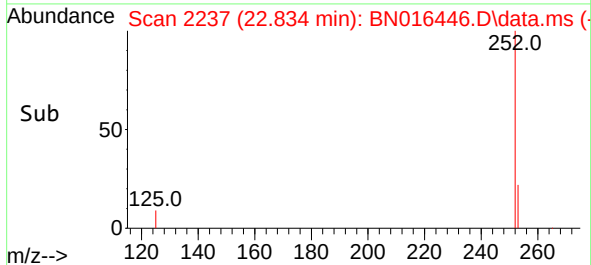
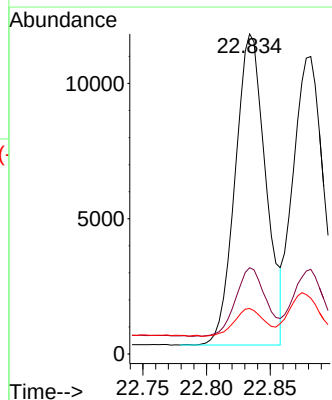
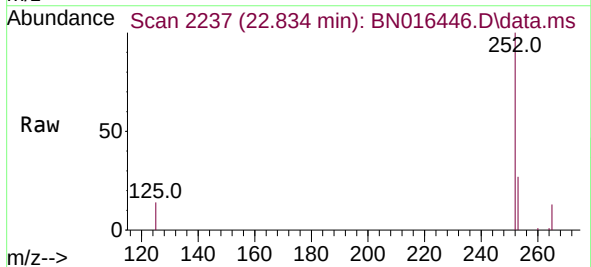
Instrument :
BNA_N
ClientSampleId :

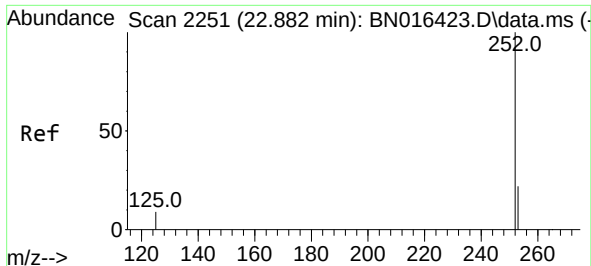
Tgt Ion:276 Resp: 15879
Ion Ratio Lower Upper
276 100
138 23.6 19.3 28.9
277 25.1 20.2 30.2



#37
Benzo(b)fluoranthene
Concen: 0.060 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

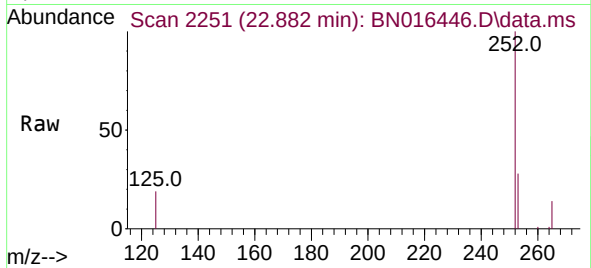
Tgt Ion:252 Resp: 19157
Ion Ratio Lower Upper
252 100
253 27.0 18.2 27.2
125 14.2 8.4 12.6#



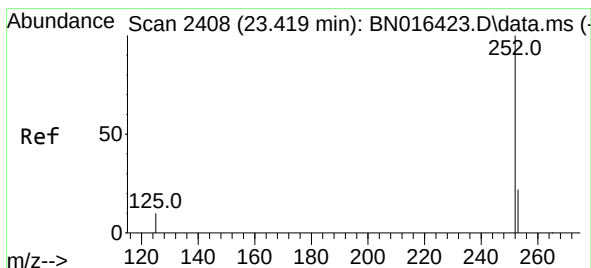
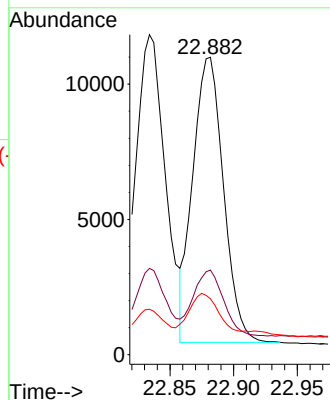
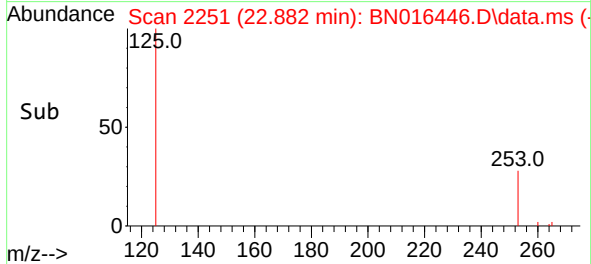


#38
Benzo(k)fluoranthene
Concen: 0.057 ng
RT: 22.882 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

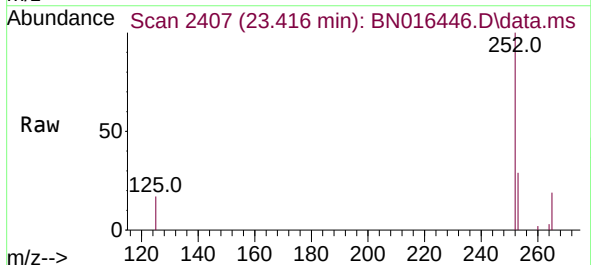
Instrument :
BNA_N
ClientSampleId :



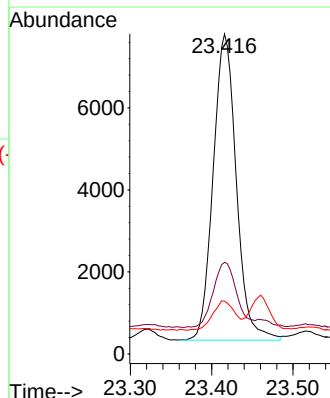
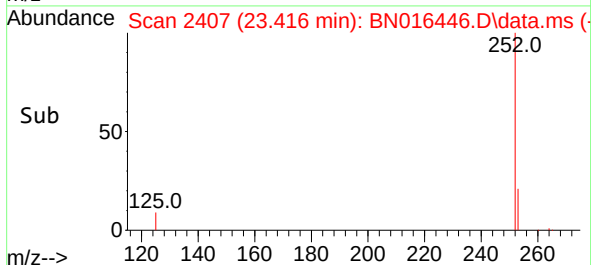
Tgt Ion:252 Resp: 17661
Ion Ratio Lower Upper
252 100
253 28.5 18.2 27.2#
125 18.8 8.2 12.4#

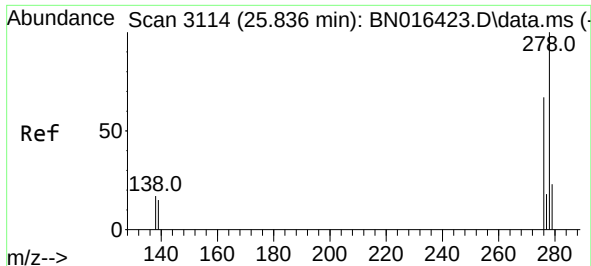


#39
Benzo(a)pyrene
Concen: 0.057 ng
RT: 23.416 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24



Tgt Ion:252 Resp: 14744
Ion Ratio Lower Upper
252 100
253 28.7 18.7 28.1#
125 16.5 9.9 14.9#

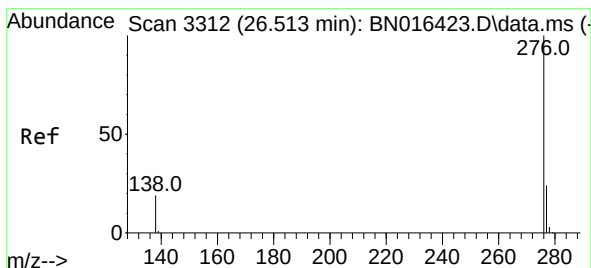
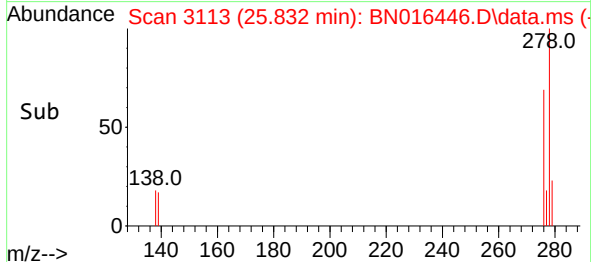
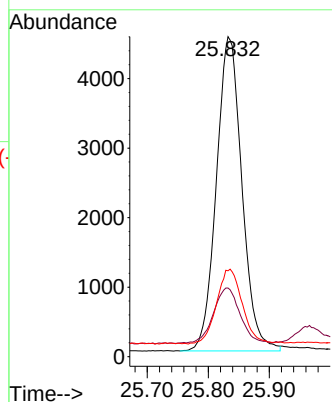
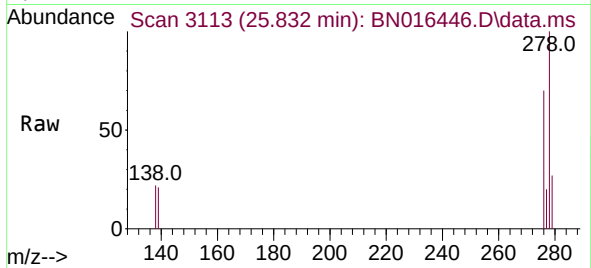




#40
Dibenzo(a,h)anthracene
Concen: 0.050 ng
RT: 25.832 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 13132
Ion Ratio Lower Upper
278 100
139 21.5 14.2 21.2#
279 26.9 21.3 31.9



#41
Benzo(g,h,i)perylene
Concen: 0.047 ng
RT: 26.510 min Scan# 3311
Delta R.T. -0.004 min
Lab File: BN016446.D
Acq: 24 Sep 2021 20:24

Tgt Ion:276 Resp: 12631
Ion Ratio Lower Upper
276 100
277 25.7 20.5 30.7
138 22.4 18.2 27.4

