

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017955.D
 Acq On : 13 Dec 2021 01:42
 Operator : CG/JU
 Sample : M4988-10
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20211207

Quant Time: Dec 13 02:24:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

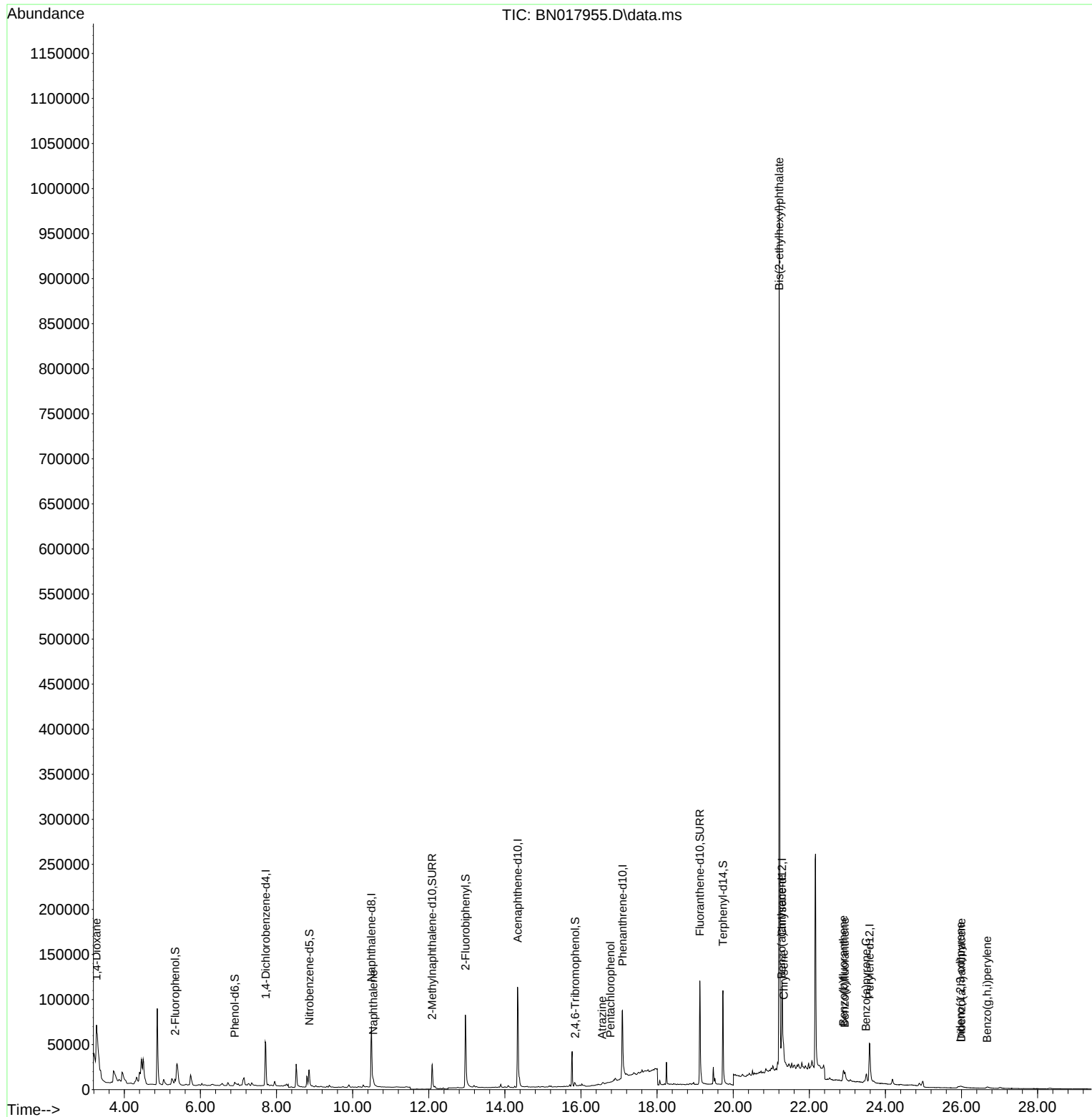
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	29094	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	114678	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	77771	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	149052	0.400	ng	0.00
29) Chrysene-d12	21.282	240	109325	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	79725	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7072	0.118	ng	0.00
5) Phenol-d6	6.903	99	3775	0.063	ng	0.00
8) Nitrobenzene-d5	8.859	82	21235	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	52163	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4704	0.443	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	88732	0.324	ng	0.00
27) Fluoranthene-d10	19.124	212	160303	0.332	ng	0.00
31) Terphenyl-d14	19.730	244	134571	0.499	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	49844	5.645	ng	93
9) Naphthalene	10.545	128	7690	0.027	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.464	198	6	Below Cal	#	31
23) Atrazine	16.557	200	150	0.093	ng	# 17
24) Pentachlorophenol	16.776	266	34	0.097	ng	# 40
32) Benzo(a)anthracene	21.272	228	18690	0.103	ng	# 90
33) Chrysene	21.325	228	20721	0.058	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	897284	7.645	ng	98
36) Indeno(1,2,3-cd)pyrene	25.971	276	4985	0.118	ng	# 65
37) Benzo(b)fluoranthene	22.894	252	14964	0.057	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	12611	0.049	ng	# 9
39) Benzo(a)pyrene	23.486	252	12990	0.055	ng	# 1
40) Dibenzo(a,h)anthracene	25.995	278	3131	0.128	ng	# 1
41) Benzo(g,h,i)perylene	26.677	276	5974	0.047	ng	# 64

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

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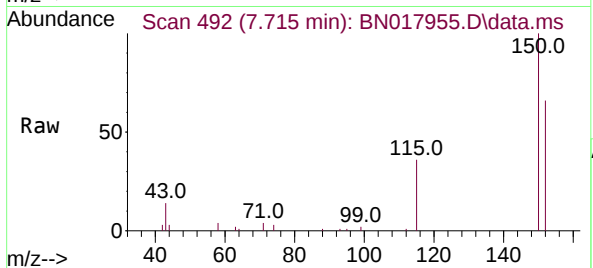
Quant Time: Dec 13 02:24:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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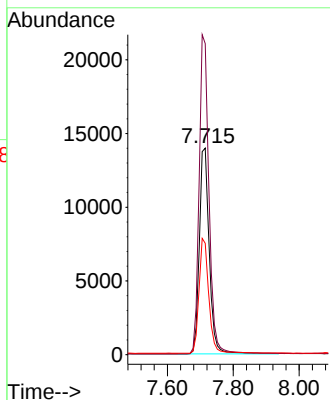
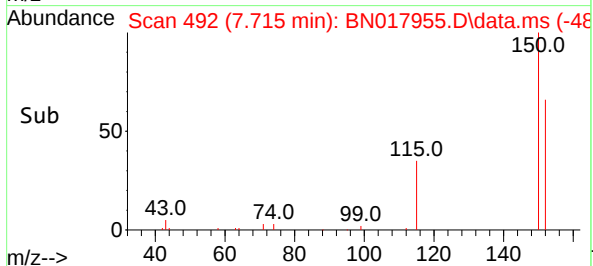


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017955.D
 Acq: 13 Dec 2021 01:42

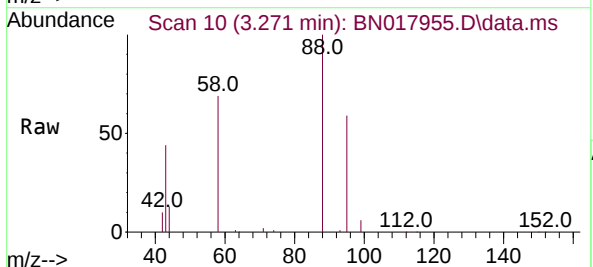
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20211207



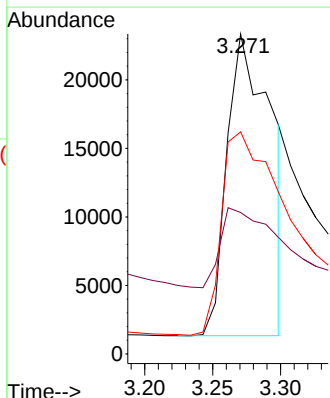
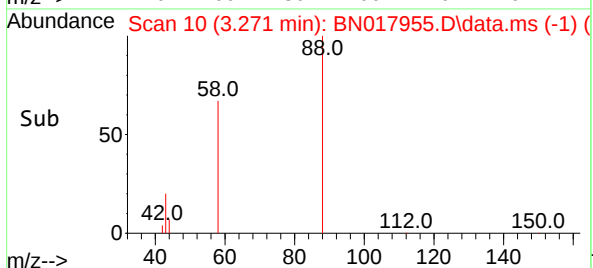
Tgt Ion: 152 Resp: 29094
 Ion Ratio Lower Upper
 152 100
 150 150.5 121.9 182.9
 115 53.9 44.1 66.1

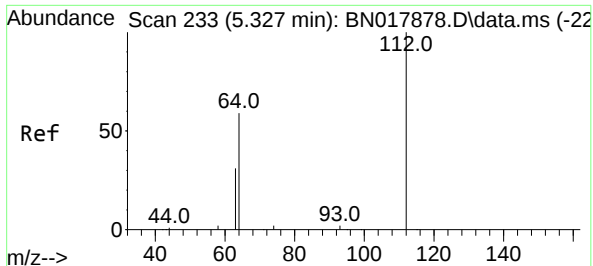


#2
 1,4-Dioxane
 Concen: 5.645 ng
 RT: 3.271 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017955.D
 Acq: 13 Dec 2021 01:42



Tgt Ion: 88 Resp: 49844
 Ion Ratio Lower Upper
 88 100
 43 28.8 28.0 42.0
 58 76.3 65.4 98.0

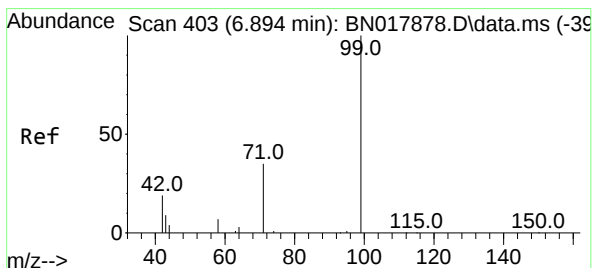
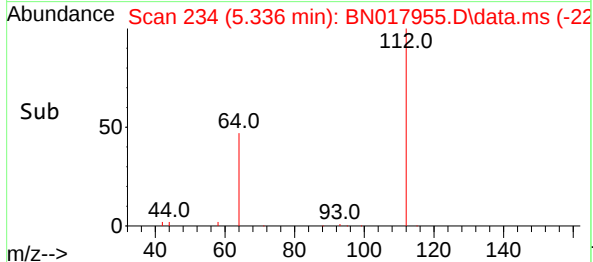
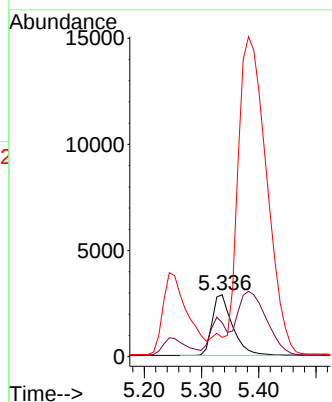
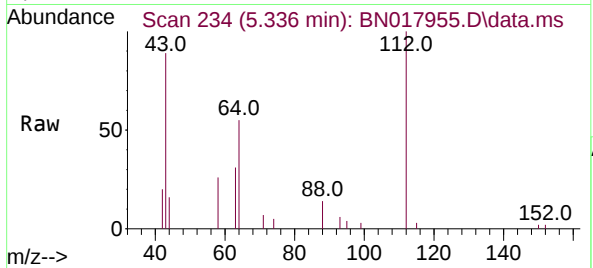




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

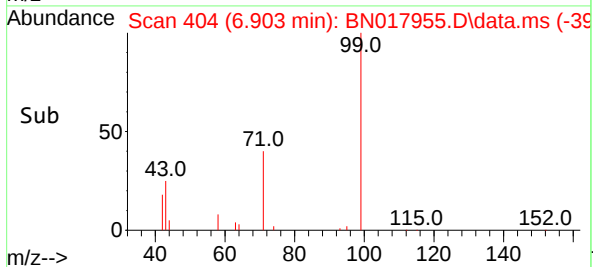
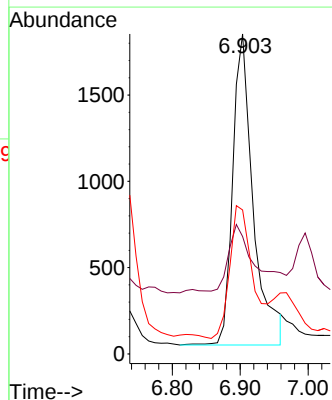
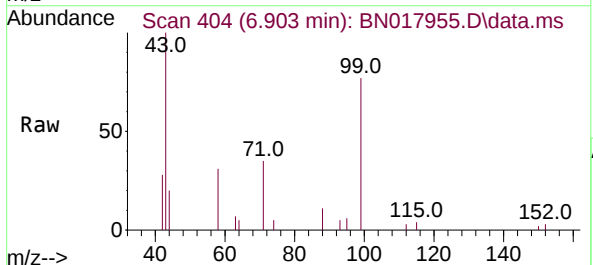
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

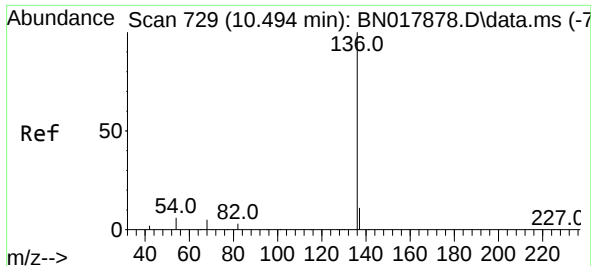
Tgt Ion:112 Resp: 7072
Ion Ratio Lower Upper
112 100
64 39.4 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion: 99 Resp: 3775
Ion Ratio Lower Upper
99 100
42 27.1 17.0 25.4#
71 48.2 28.0 42.0#

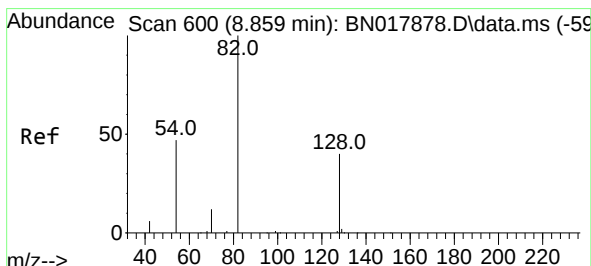
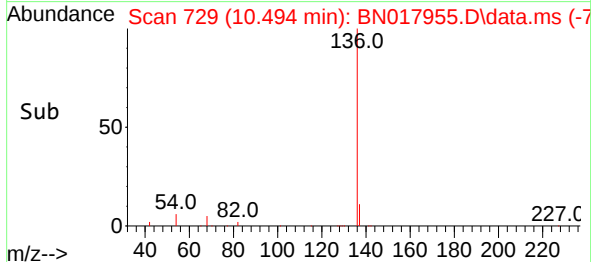
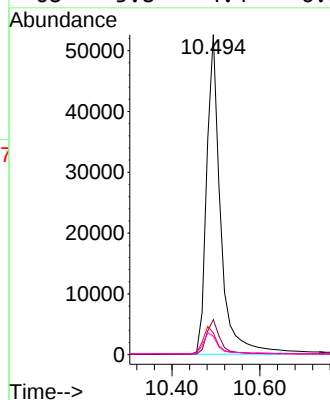
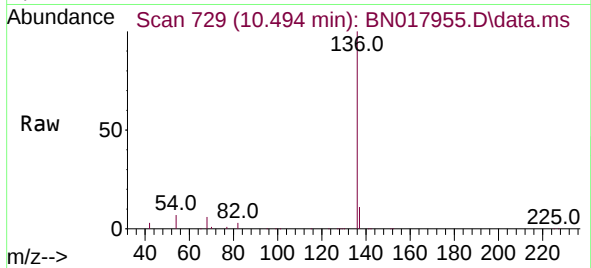




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

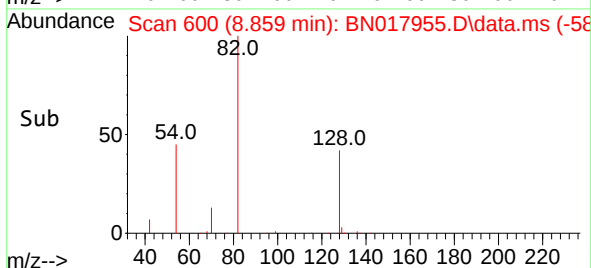
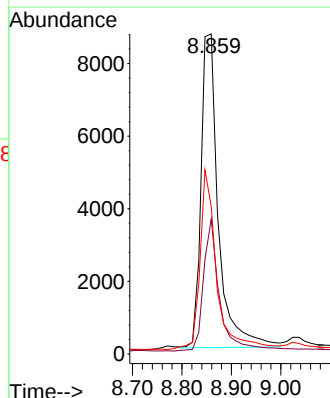
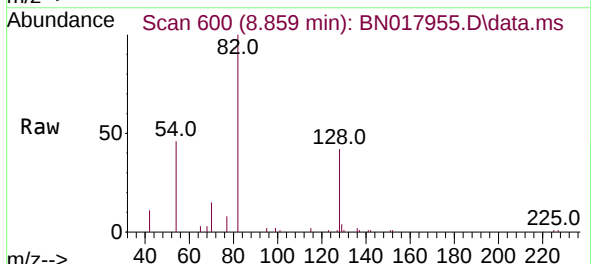
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

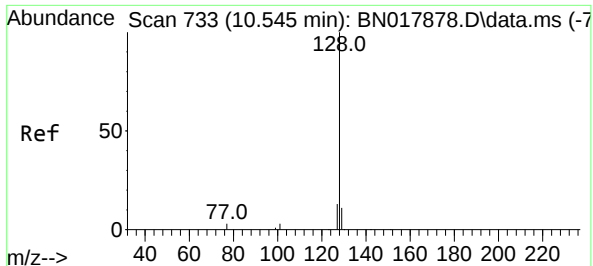
Tgt Ion:136	Resp:	114678
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	6.8	5.1 7.7
68	5.8	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion: 82	Resp:	21235
Ion Ratio	Lower	Upper
82	100	
128	42.2	32.2 48.4
54	46.1	37.6 56.4

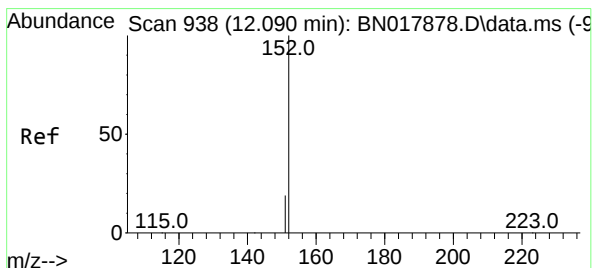
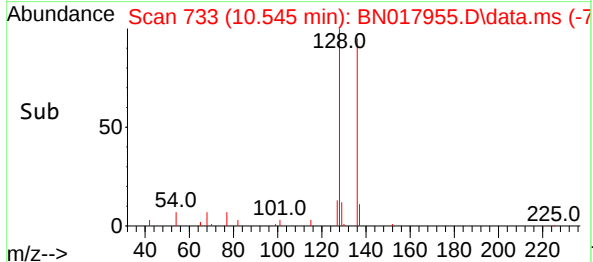
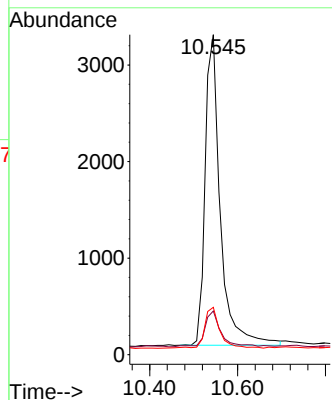
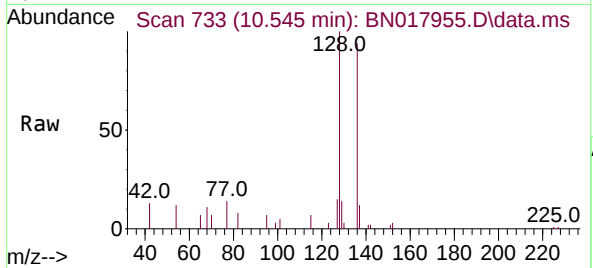




#9
Naphthalene
Concen: 0.027 ng
RT: 10.545 min Scan# 713
Delta R.T. -0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

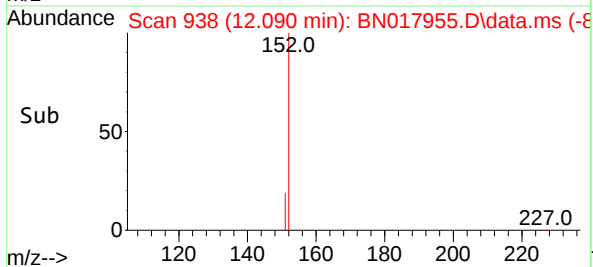
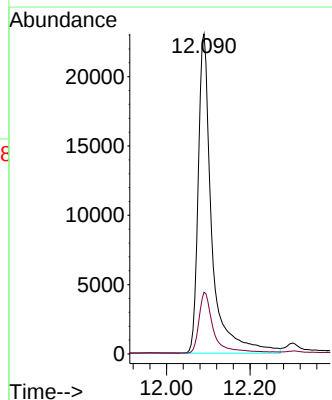
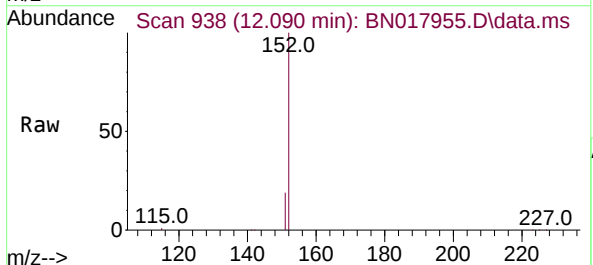
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

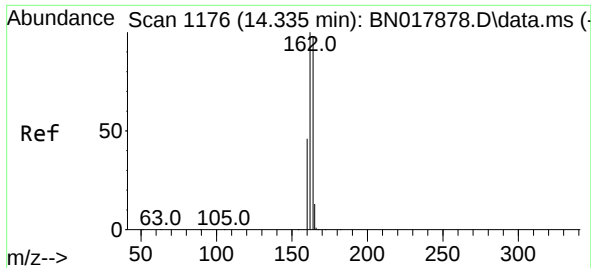
Tgt Ion:128 Resp: 7690
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 14.8 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

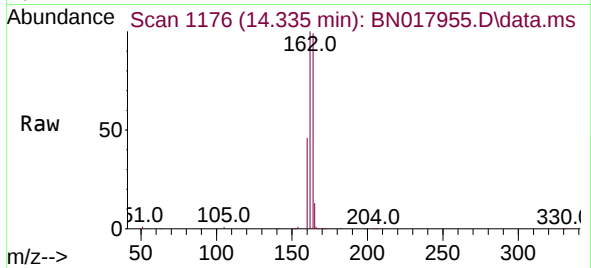
Tgt Ion:152 Resp: 52163
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6



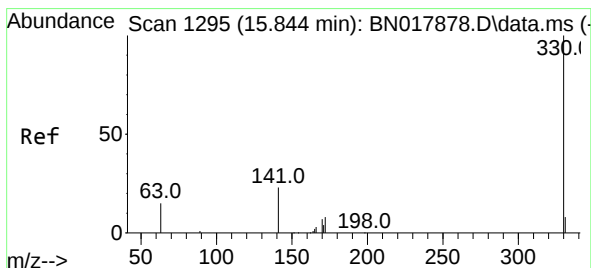
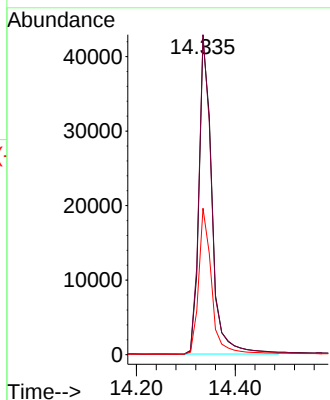
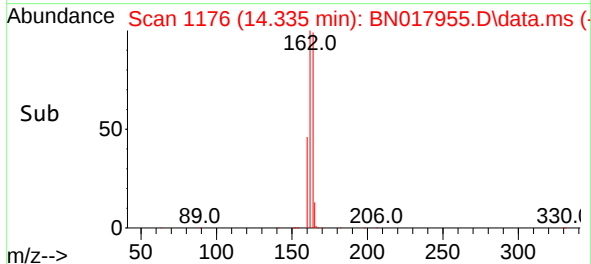


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

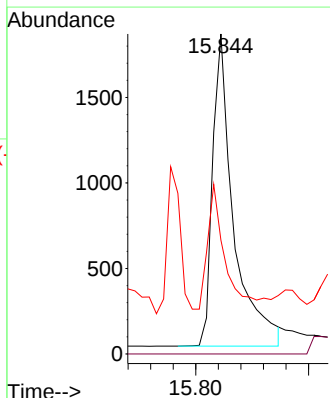
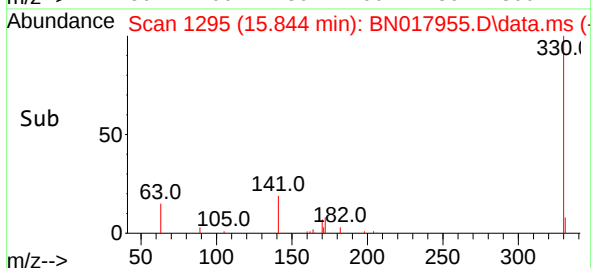
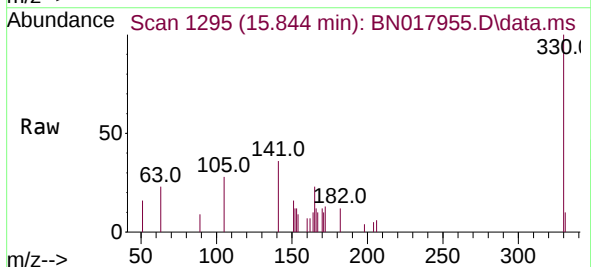


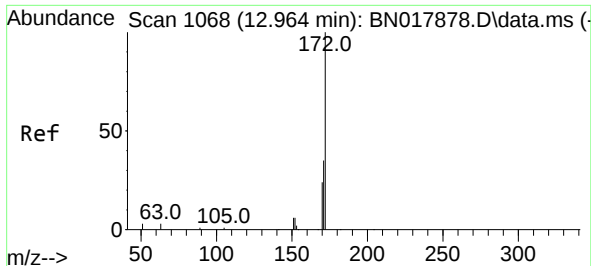
Tgt Ion:164 Resp: 77771
Ion Ratio Lower Upper
164 100
162 101.2 82.1 123.1
160 46.3 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion:330 Resp: 4704
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.2 19.7 29.5#

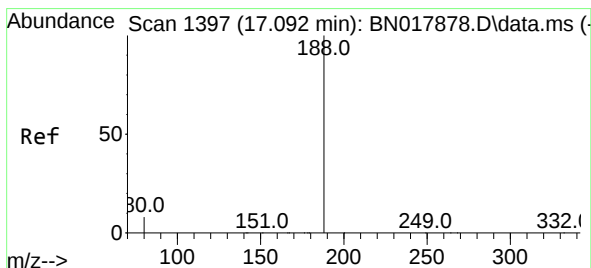
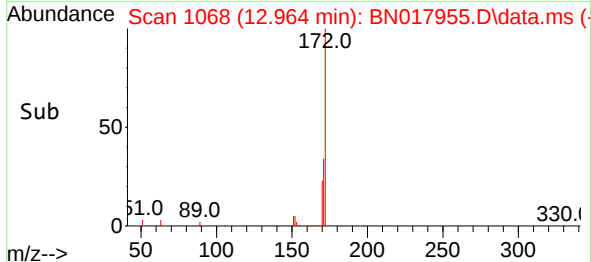
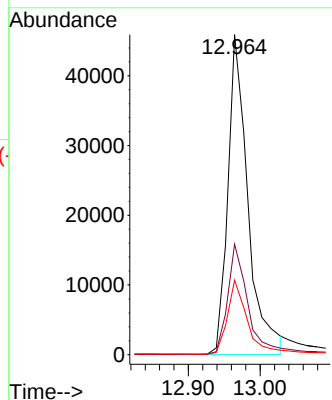
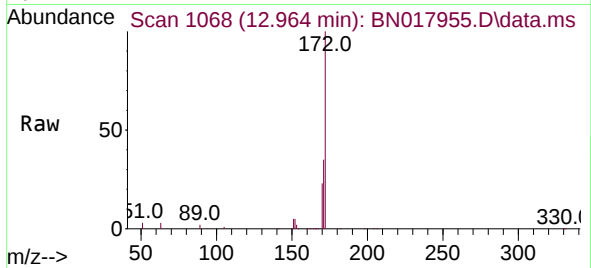




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

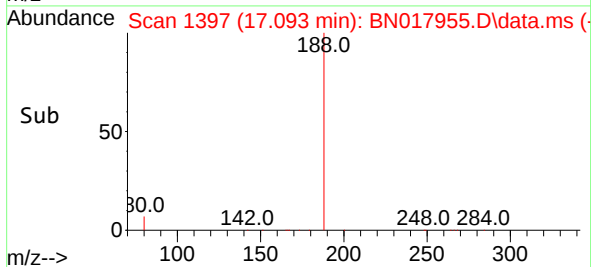
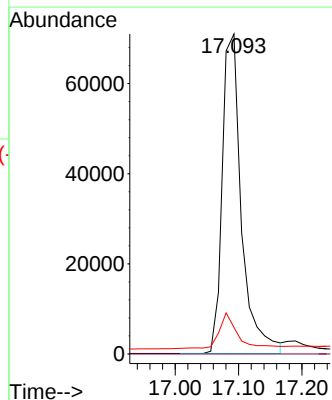
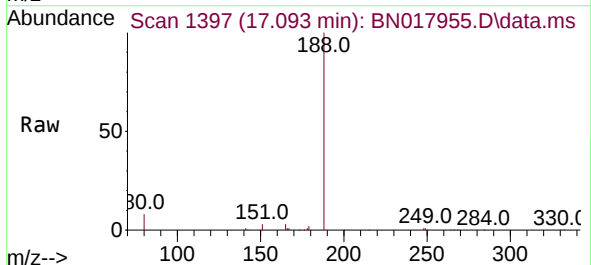
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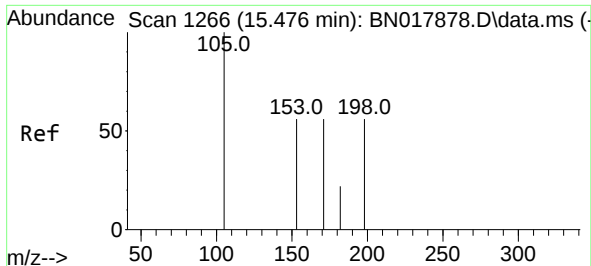
Tgt Ion:172 Resp: 88732
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

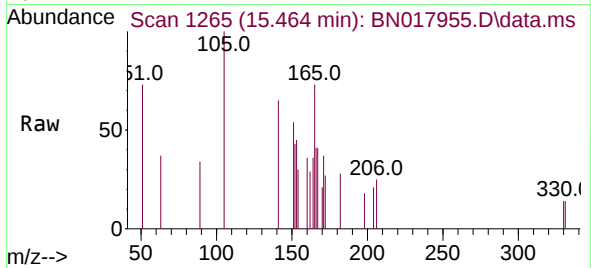
Tgt Ion:188 Resp: 149052
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.2 9.2



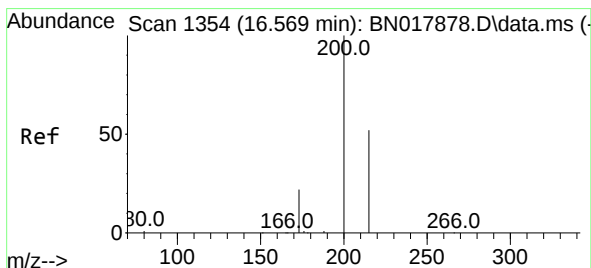
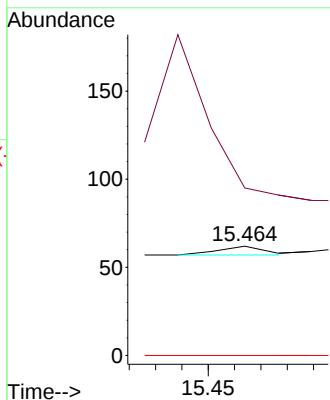
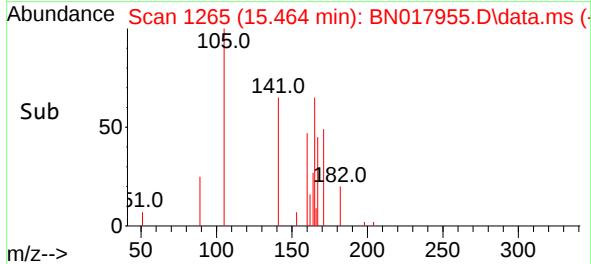


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.464 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

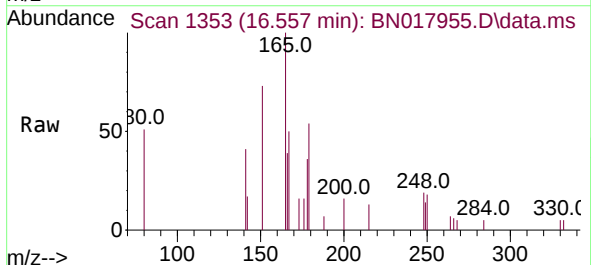
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207



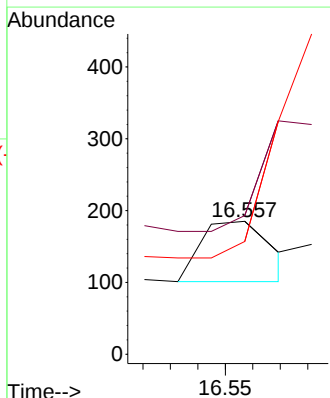
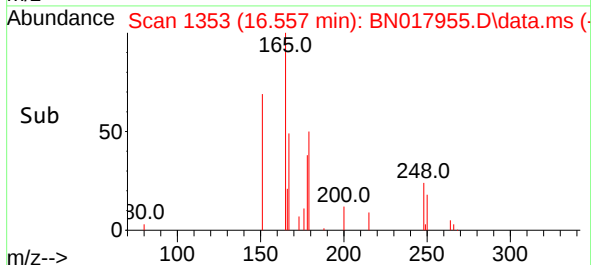
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 153.2 70.8 106.2#
77 0.0 0.0 0.0

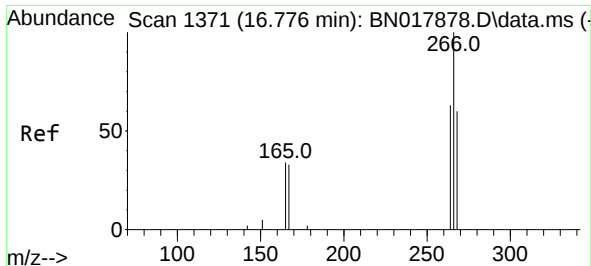


#23
Atrazine
Concen: 0.093 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42



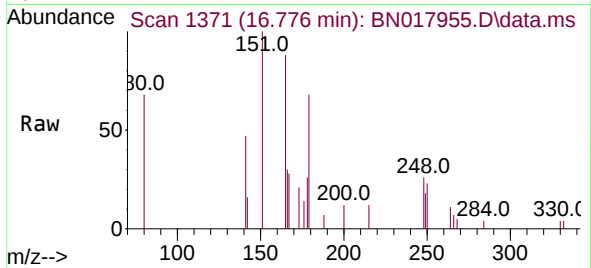
Tgt Ion:200 Resp: 150
Ion Ratio Lower Upper
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173 104.3 18.2 27.2#
215 84.9 41.8 62.8#



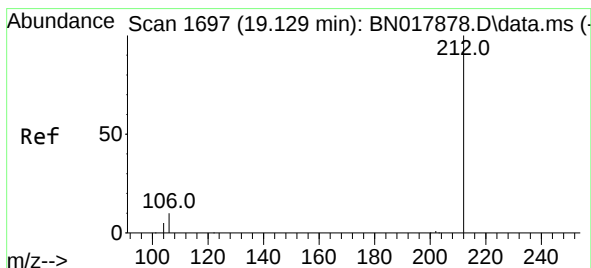
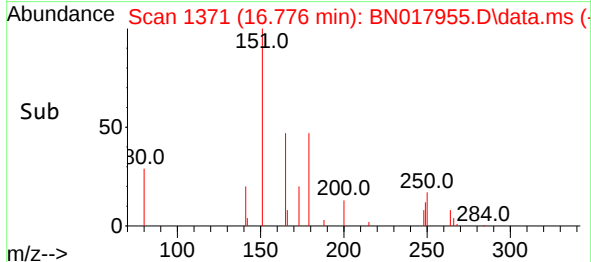
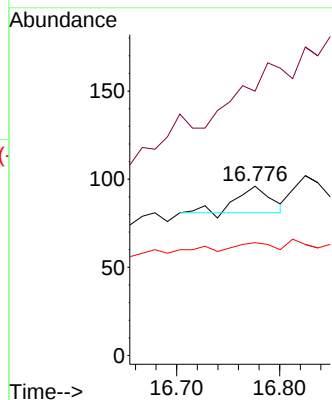


#24
Pentachlorophenol
Concen: 0.097 ng
RT: 16.776 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Instrument :
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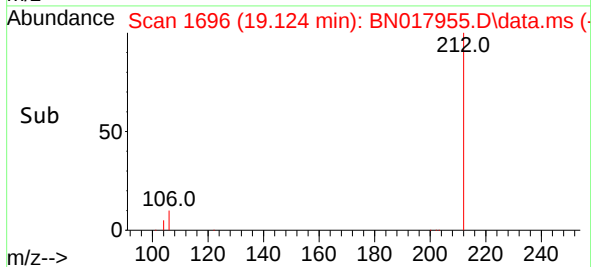
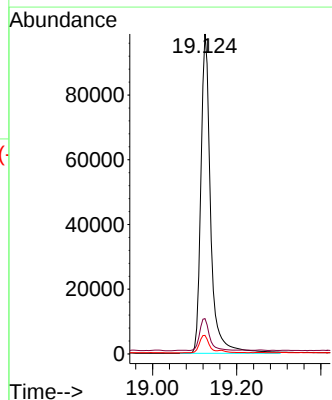
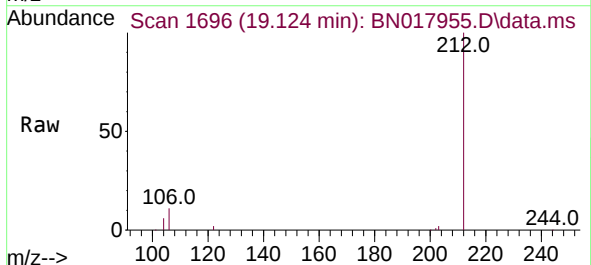


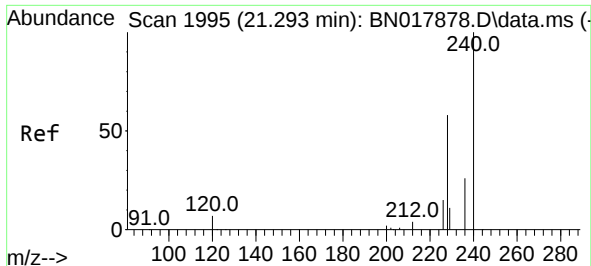
Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 0.0 50.6 76.0#
268 35.3 53.7 80.5#



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion:212 Resp: 160303
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.5 4.6 6.8

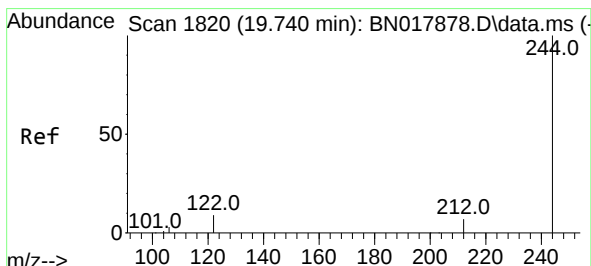
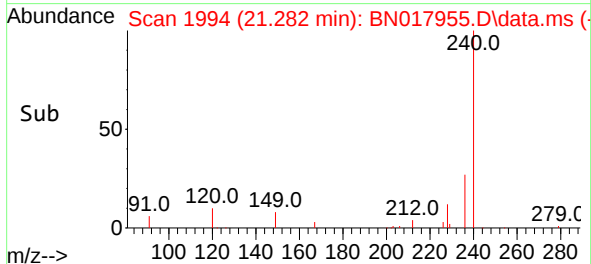
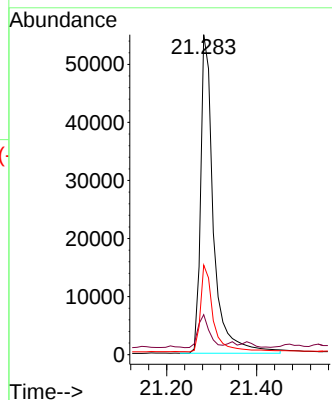
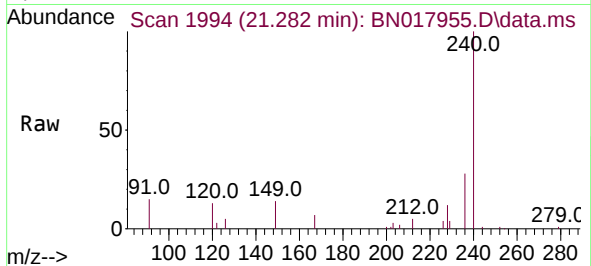




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

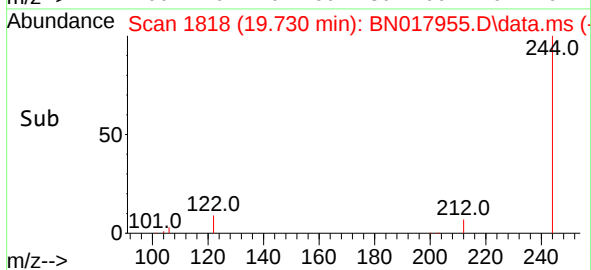
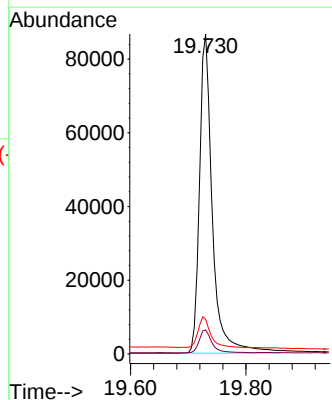
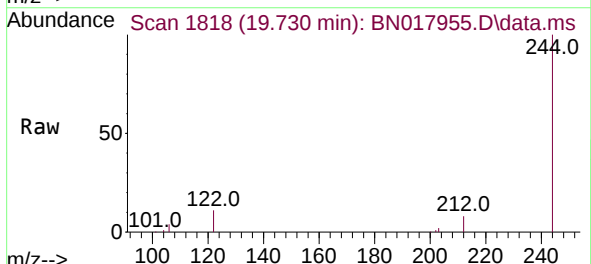
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

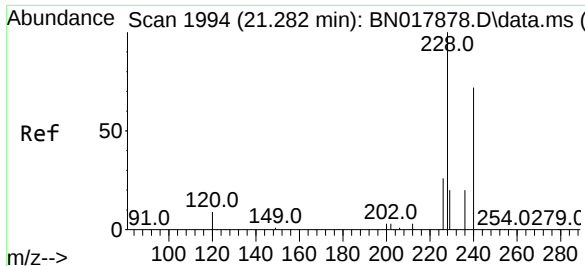
Tgt Ion:240 Resp: 109325
Ion Ratio Lower Upper
240 100
120 12.5 5.8 8.8#
236 28.0 21.0 31.6



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion:244 Resp: 134571
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.9 7.5 11.3

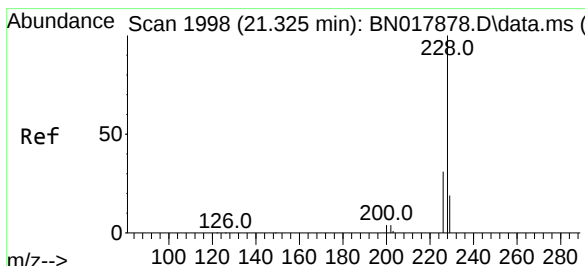
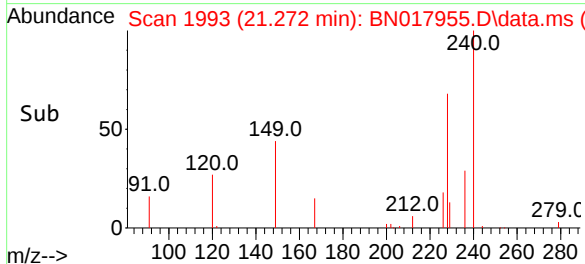
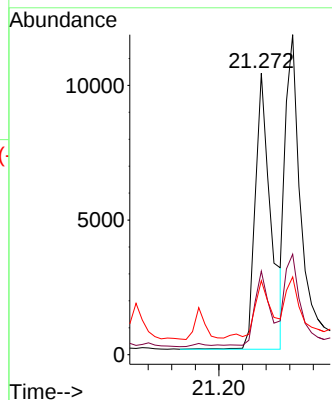
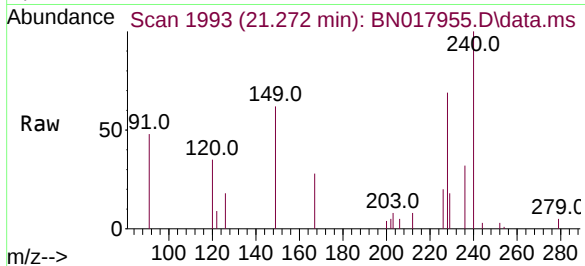




#32
Benzo(a)anthracene
Concen: 0.103 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

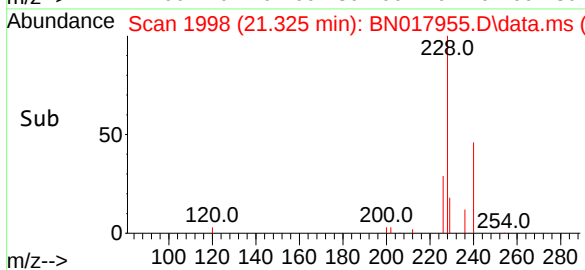
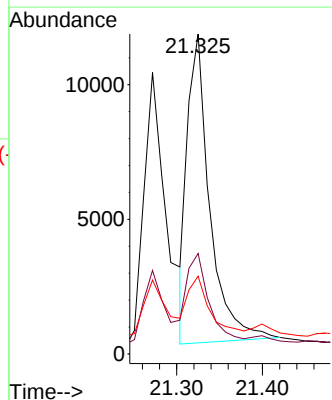
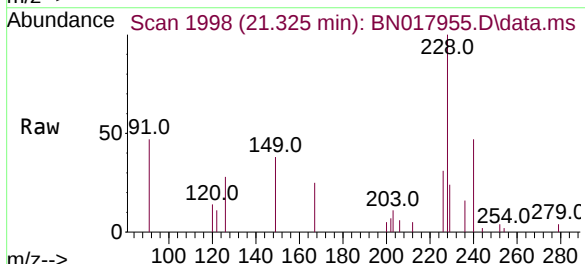
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

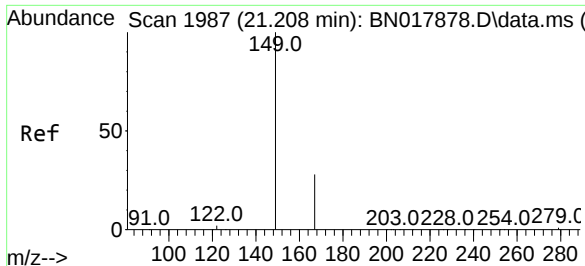
Tgt Ion:228 Resp: 18690
Ion Ratio Lower Upper
228 100
226 29.7 21.0 31.4
229 26.3 15.8 23.8#



#33
Chrysene
Concen: 0.058 ng
RT: 21.325 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion:228 Resp: 20721
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.8
229 24.3 15.6 23.4#

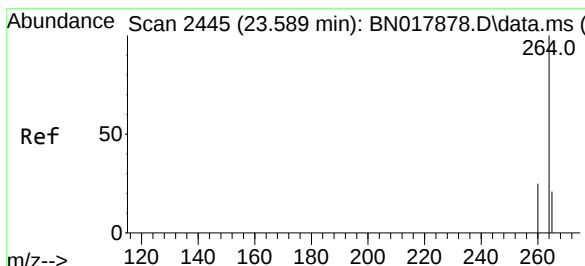
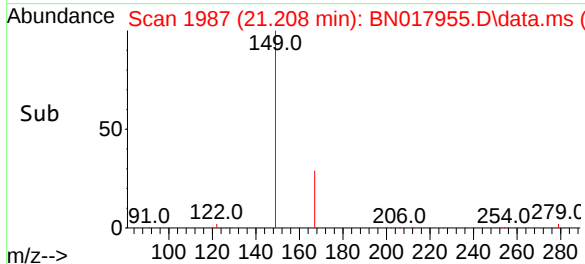
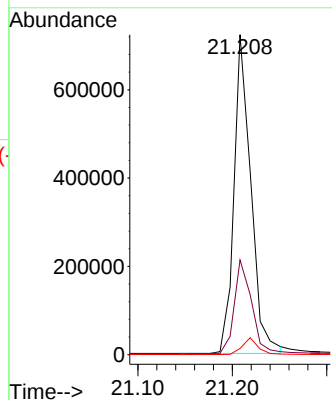
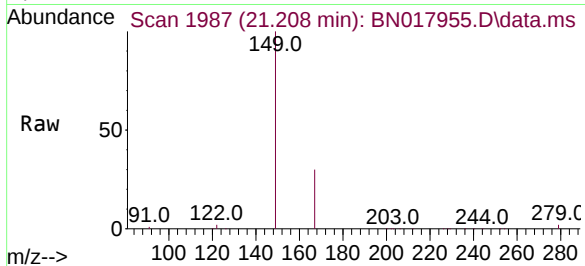




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 7.645 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017955.D
 Acq: 13 Dec 2021 01:42

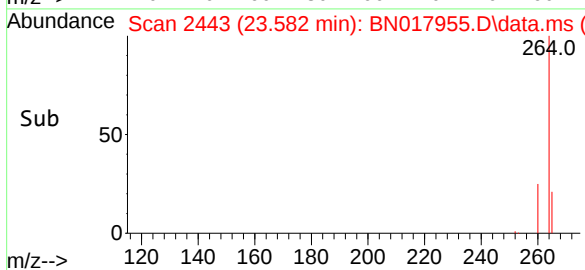
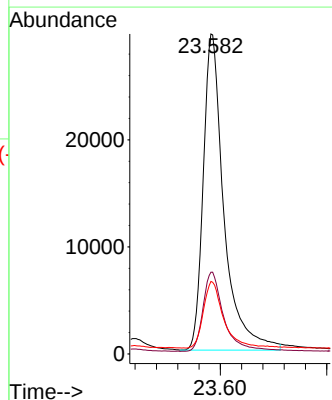
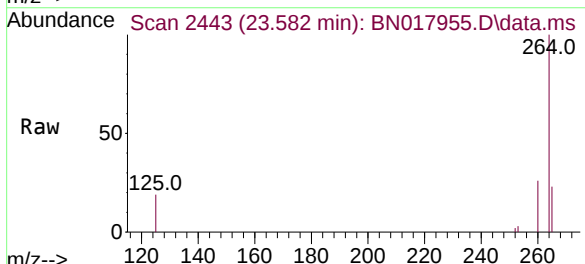
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20211207

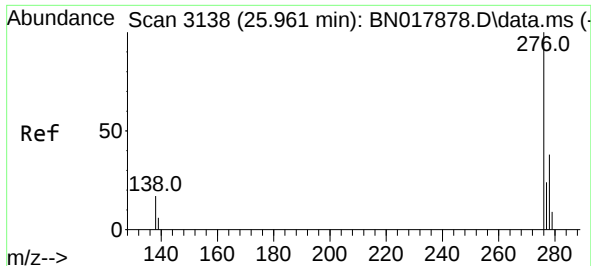
Tgt Ion:149 Resp: 897284
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.4 35.0
 279 4.9 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.582 min Scan# 2443
 Delta R.T. -0.007 min
 Lab File: BN017955.D
 Acq: 13 Dec 2021 01:42

Tgt Ion:264 Resp: 79725
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.4
 265 22.6 18.2 27.4

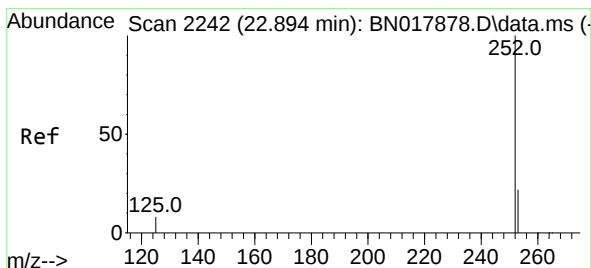
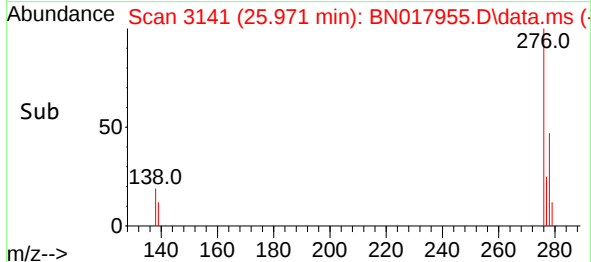
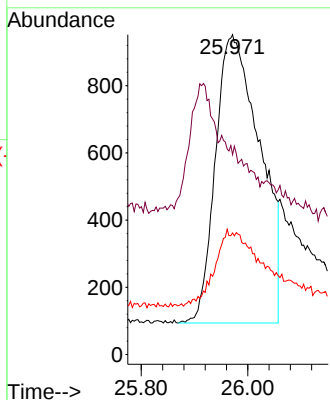
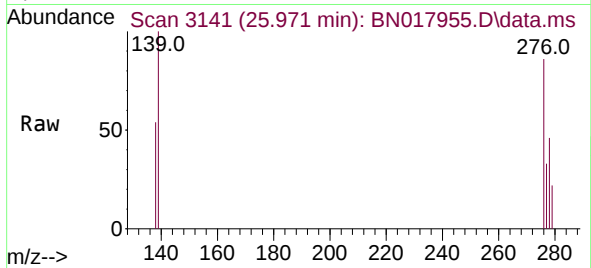




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.118 ng
 RT: 25.971 min Scan# 3138
 Delta R.T. 0.010 min
 Lab File: BN017955.D
 Acq: 13 Dec 2021 01:42

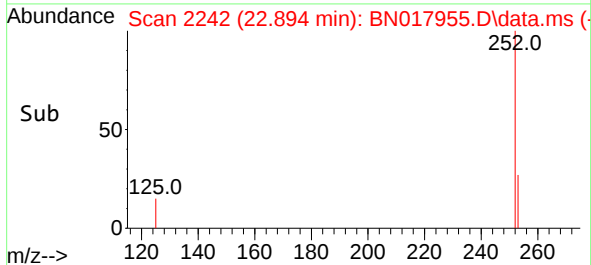
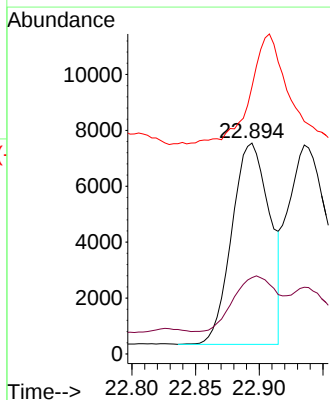
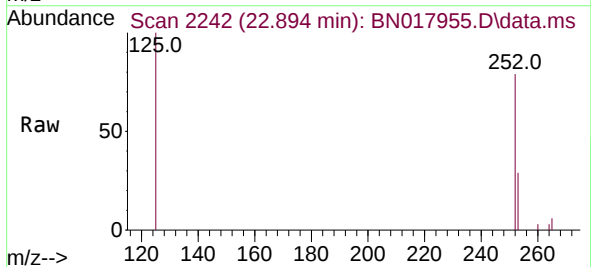
Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20211207

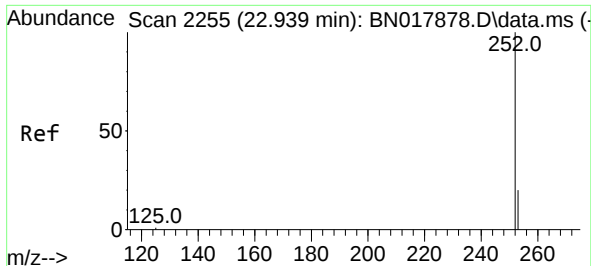
Tgt Ion:276 Resp: 4985
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 9.7 19.8 29.6#



#37
 Benzo(b)fluoranthene
 Concen: 0.057 ng
 RT: 22.894 min Scan# 2242
 Delta R.T. 0.000 min
 Lab File: BN017955.D
 Acq: 13 Dec 2021 01:42

Tgt Ion:252 Resp: 14964
 Ion Ratio Lower Upper
 252 100
 253 36.2 17.9 26.9#
 125 126.7 6.8 10.2#

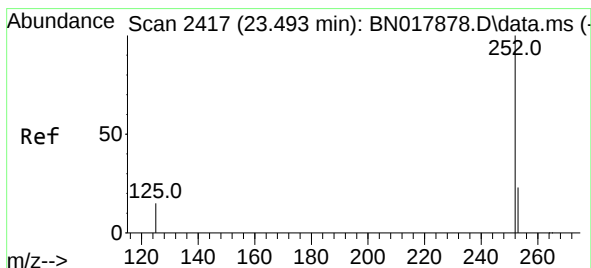
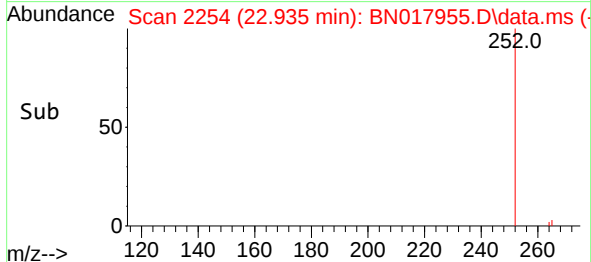
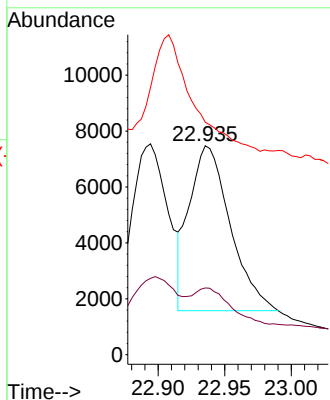
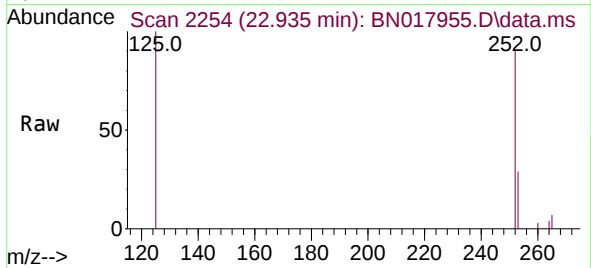




#38
Benzo(k)fluoranthene
Concen: 0.049 ng
RT: 22.935 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

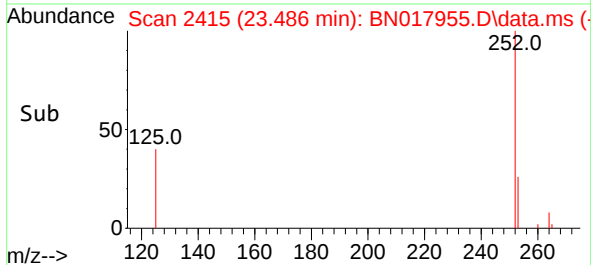
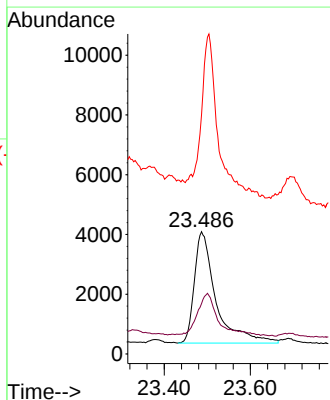
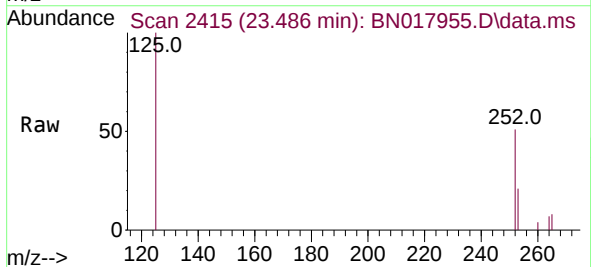
Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

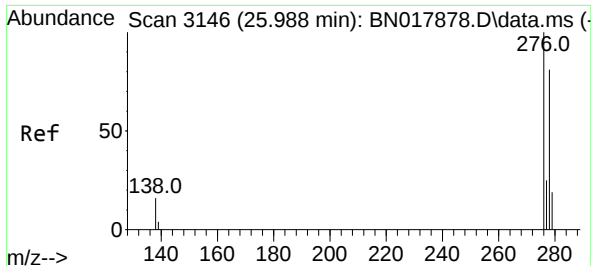
Tgt Ion:252 Resp: 12611
Ion Ratio Lower Upper
252 100
253 32.0 17.8 26.6#
125 111.3 6.1 9.1#



#39
Benzo(a)pyrene
Concen: 0.055 ng
RT: 23.486 min Scan# 2415
Delta R.T. -0.007 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion:252 Resp: 12990
Ion Ratio Lower Upper
252 100
253 41.1 18.8 28.2#
125 195.8 12.2 18.2#

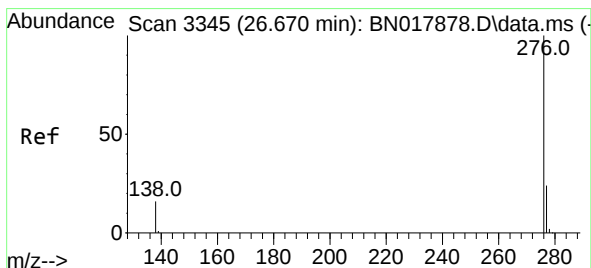
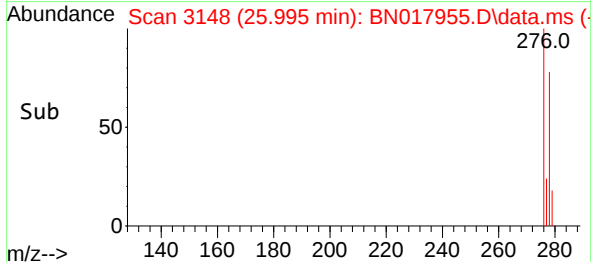
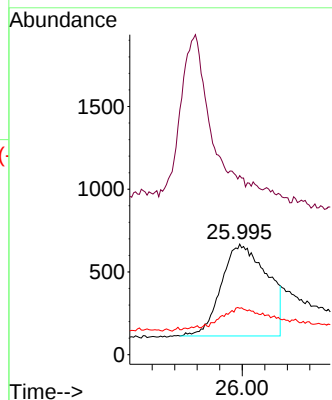
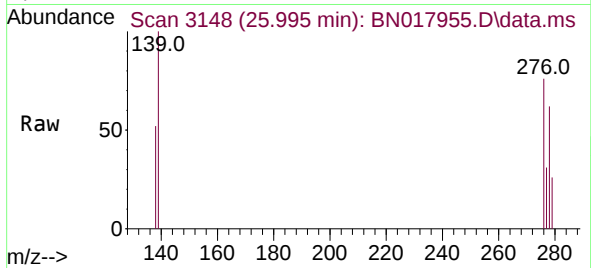




#40
Dibenzo(a,h)anthracene
Concen: 0.128 ng
RT: 25.995 min Scan# 3146
Delta R.T. 0.007 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Instrument :
BNA_N
ClientSampleId :
RE126D1-20211207

Tgt Ion:278 Resp: 3131
Ion Ratio Lower Upper
278 100
139 162.0 12.0 18.0#
279 41.9 20.8 31.2#



#41
Benzo(g,h,i)perylene
Concen: 0.047 ng
RT: 26.677 min Scan# 3347
Delta R.T. 0.007 min
Lab File: BN017955.D
Acq: 13 Dec 2021 01:42

Tgt Ion:276 Resp: 5974
Ion Ratio Lower Upper
276 100
277 33.6 19.6 29.4#
138 44.0 13.8 20.8#

