

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017954.D
 Acq On : 13 Dec 2021 01:06
 Operator : CG/JU
 Sample : M4988-09
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20211207

Quant Time: Dec 13 01:46:20 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)

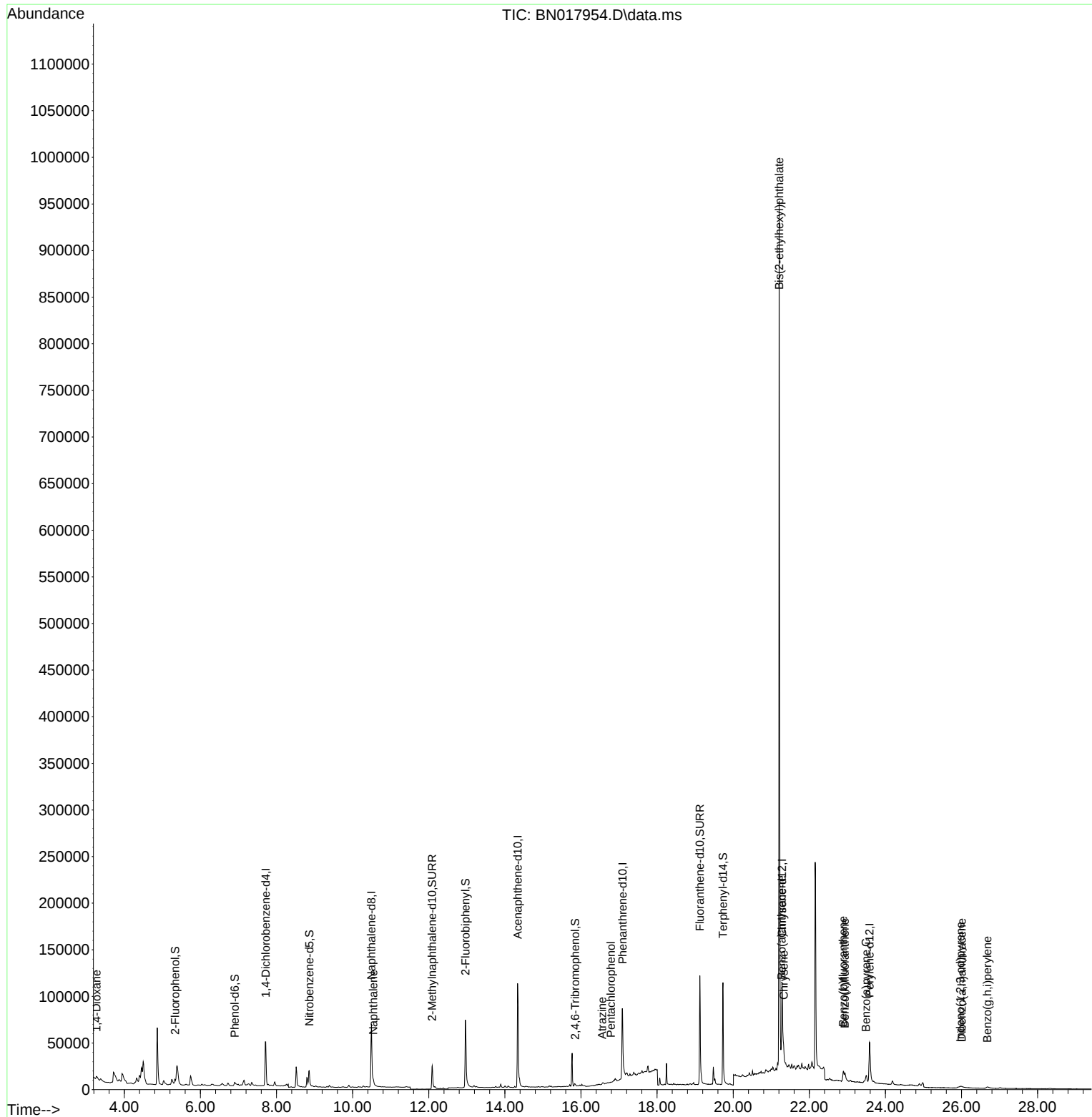
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	29492	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	114684	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	78763	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	150134	0.400	ng	0.00
29) Chrysene-d12	21.282	240	110339	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	79236	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7104	0.117	ng	0.00
5) Phenol-d6	6.903	99	3730	0.062	ng	0.00
8) Nitrobenzene-d5	8.859	82	19814	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	48591	0.241	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2640	0.394	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	80122	0.289	ng	0.00
27) Fluoranthene-d10	19.124	212	160868	0.331	ng	0.00
31) Terphenyl-d14	19.730	244	140196	0.515	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	3061	0.342	ng	# 86
9) Naphthalene	10.544	128	6593	0.023	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.451	198	4	Below Cal		# 1
23) Atrazine	16.557	200	150	0.093	ng	# 27
24) Pentachlorophenol	16.788	266	42	0.101	ng	# 17
32) Benzo(a)anthracene	21.272	228	18666	0.103	ng	# 91
33) Chrysene	21.325	228	20485	0.057	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	835204	7.051	ng	98
36) Indeno(1,2,3-cd)pyrene	25.971	276	4991	0.119	ng	# 62
37) Benzo(b)fluoranthene	22.891	252	14731	0.056	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	12048	0.047	ng	# 11
39) Benzo(a)pyrene	23.486	252	11514	0.049	ng	# 1
40) Dibenzo(a,h)anthracene	26.005	278	2893	0.126	ng	# 1
41) Benzo(g,h,i)perylene	26.680	276	6592	0.052	ng	# 69

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

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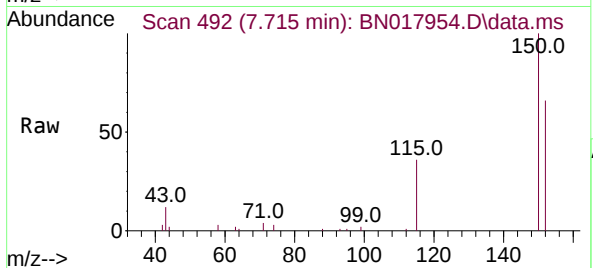
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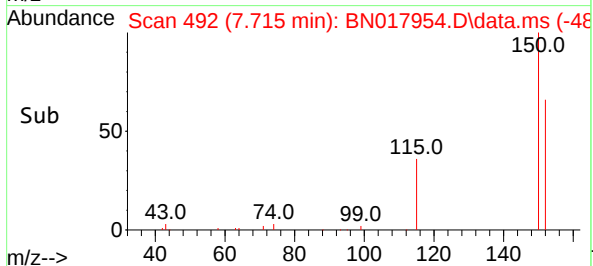
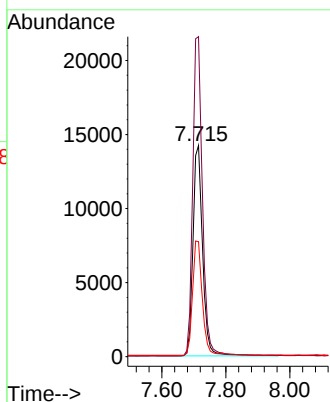


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017954.D
 Acq: 13 Dec 2021 01:06

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20211207

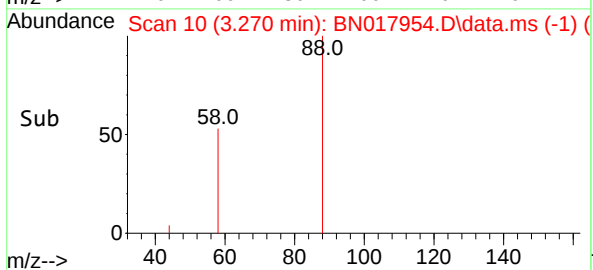
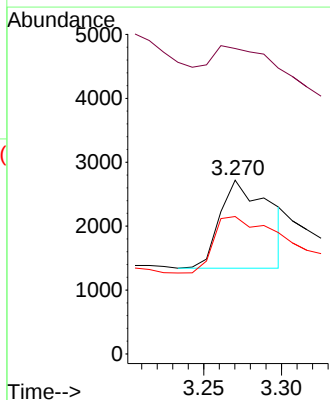
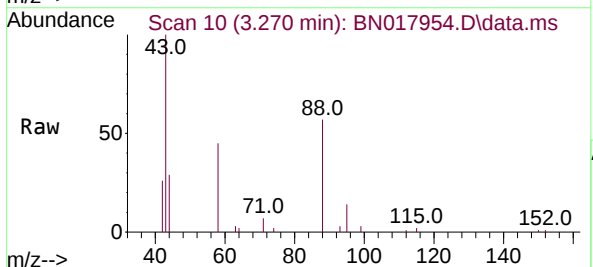


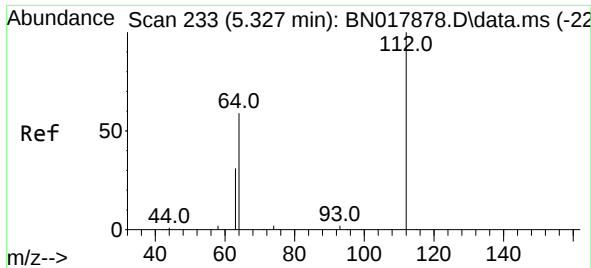
Tgt Ion:152 Resp: 29492
 Ion Ratio Lower Upper
 152 100
 150 151.5 121.9 182.9
 115 54.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.342 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017954.D
 Acq: 13 Dec 2021 01:06

Tgt Ion: 88 Resp: 3061
 Ion Ratio Lower Upper
 88 100
 43 21.4 28.0 42.0#
 58 72.6 65.4 98.0

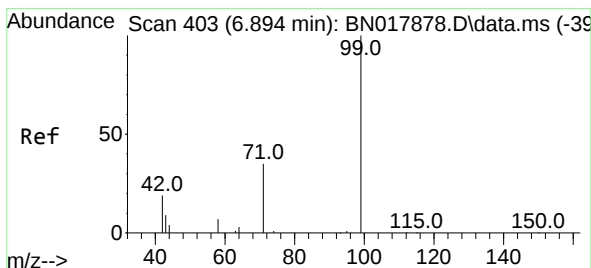
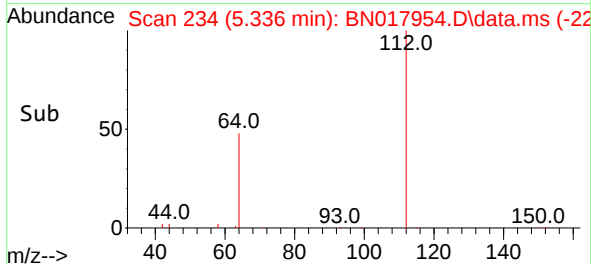
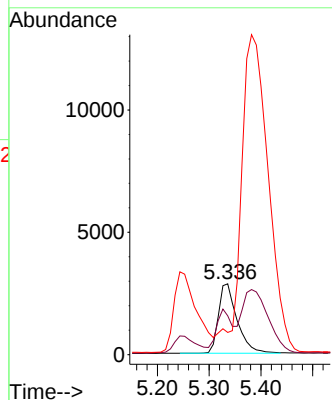
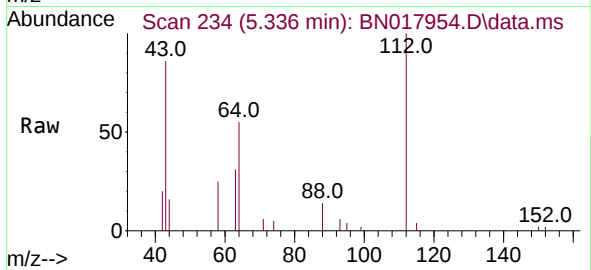




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

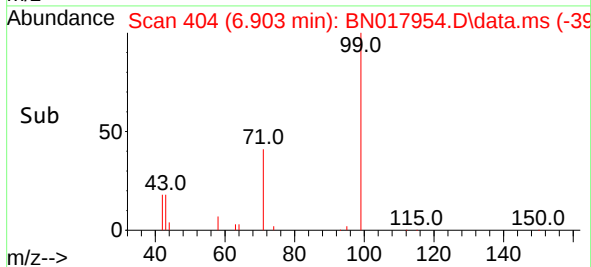
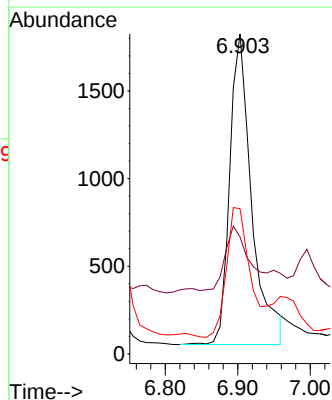
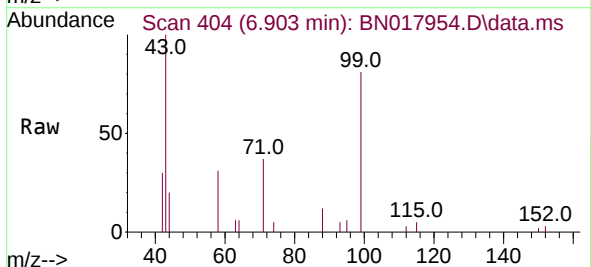
Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

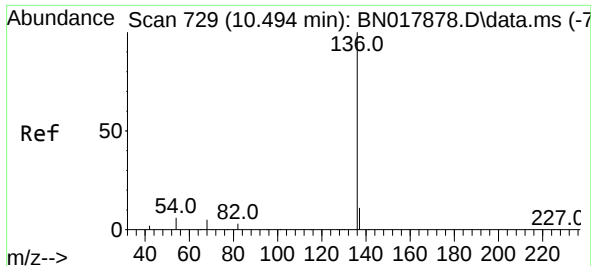
Tgt Ion:112 Resp: 7104
Ion Ratio Lower Upper
112 100
64 39.7 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion: 99 Resp: 3730
Ion Ratio Lower Upper
99 100
42 26.1 17.0 25.4#
71 46.2 28.0 42.0#

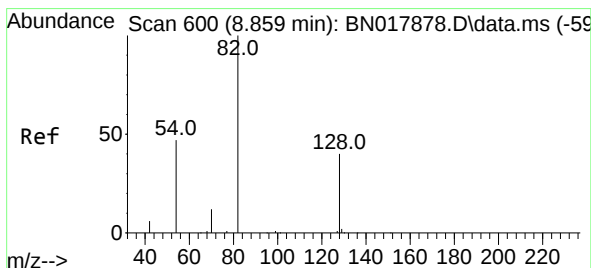
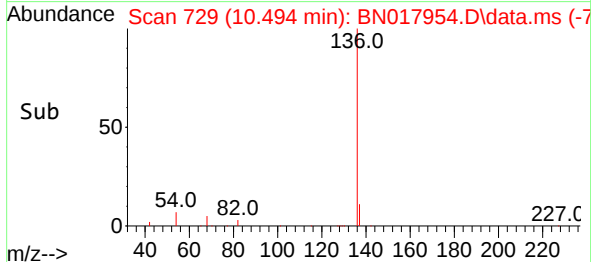
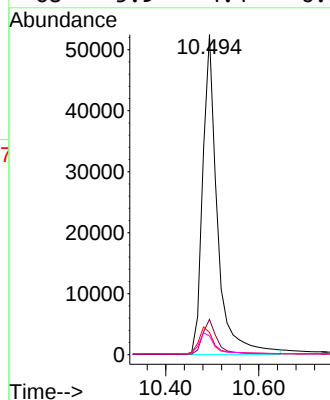
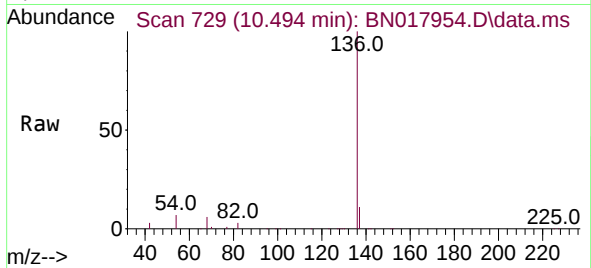




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

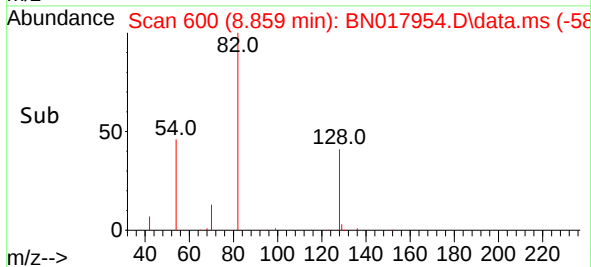
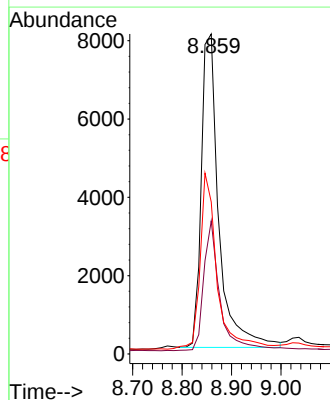
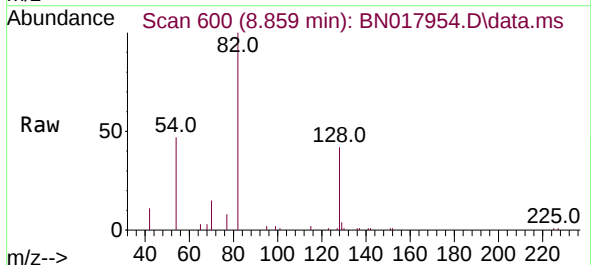
Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

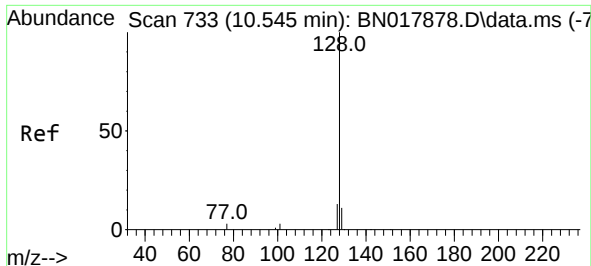
Tgt Ion:	136	Resp:	114684
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.0	5.1	7.7
68	5.9	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion:	82	Resp:	19814
Ion Ratio	Lower	Upper	
82	100		
128	41.6	32.2	48.4
54	47.5	37.6	56.4

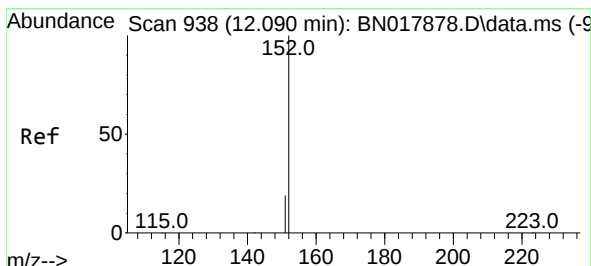
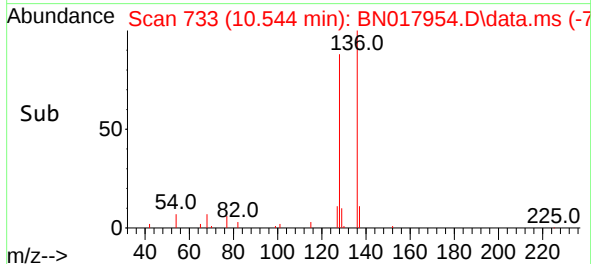
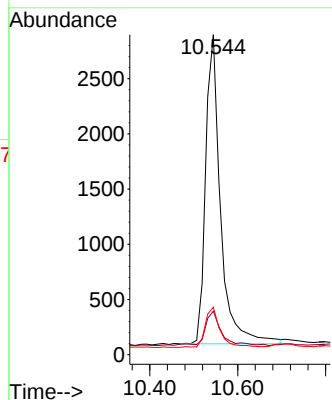
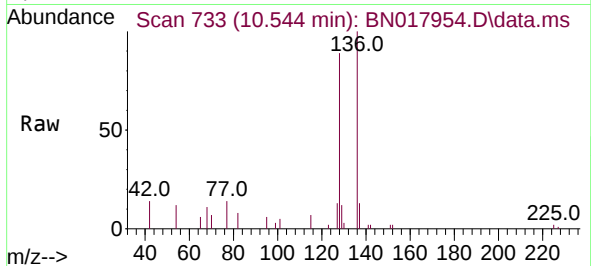




#9
Naphthalene
Concen: 0.023 ng
RT: 10.544 min Scan# 711
Delta R.T. -0.001 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

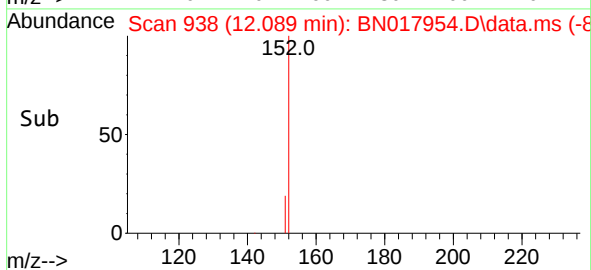
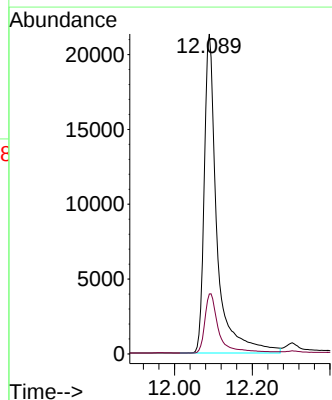
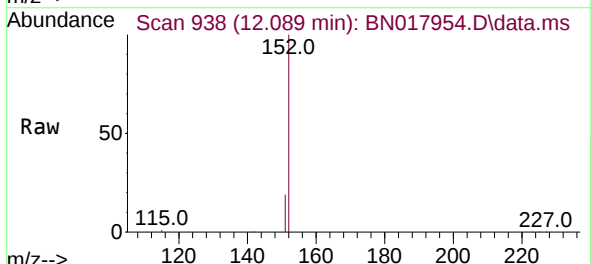
Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

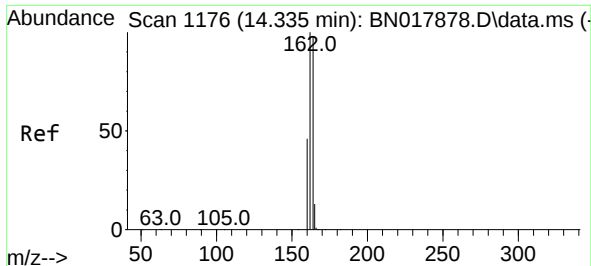
Tgt Ion:128 Resp: 6593
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 14.9 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

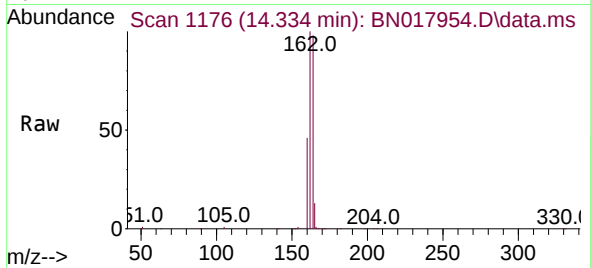
Tgt Ion:152 Resp: 48591
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6



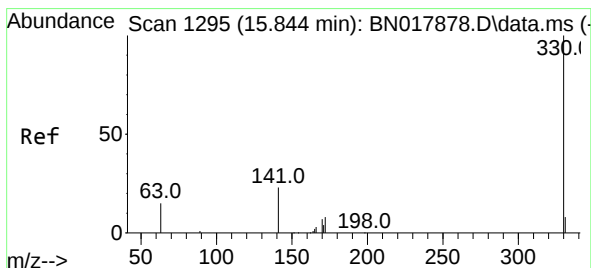
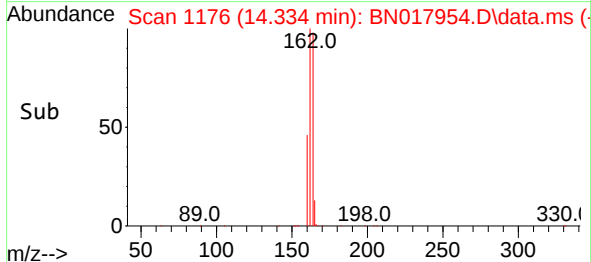
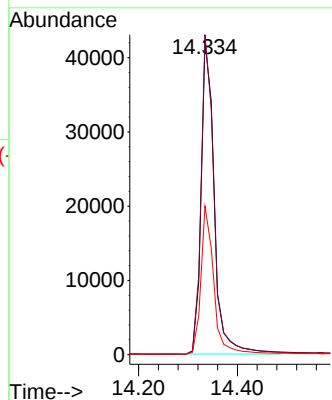


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

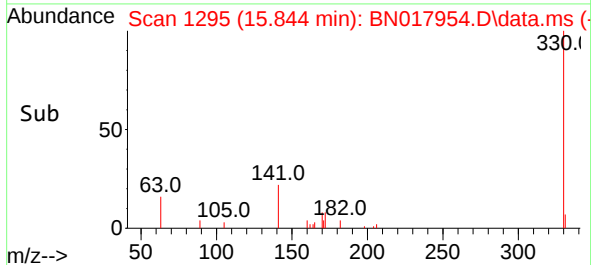
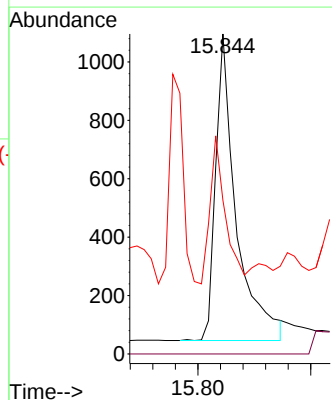
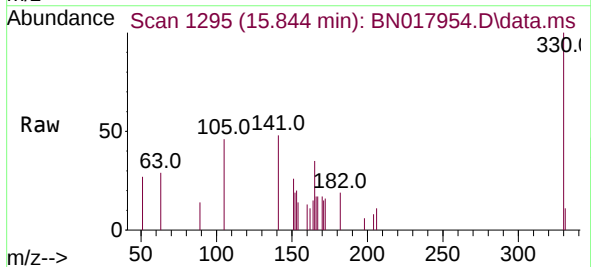


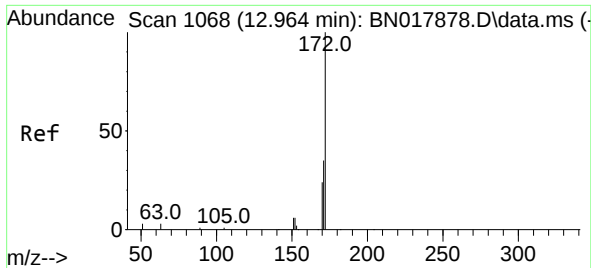
Tgt Ion:164 Resp: 78763
Ion Ratio Lower Upper
164 100
162 102.1 82.1 123.1
160 47.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion:330 Resp: 2640
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.0 19.7 29.5#

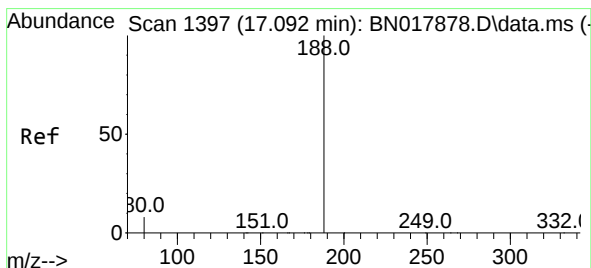
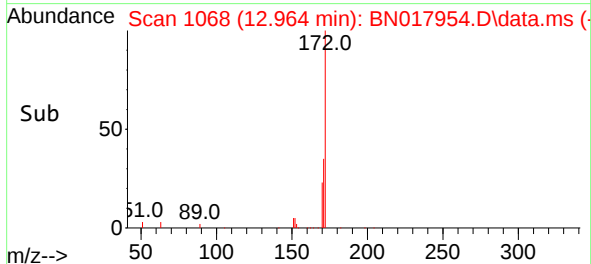
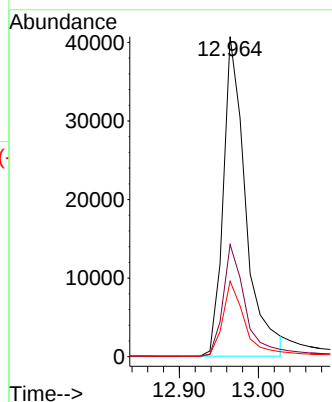
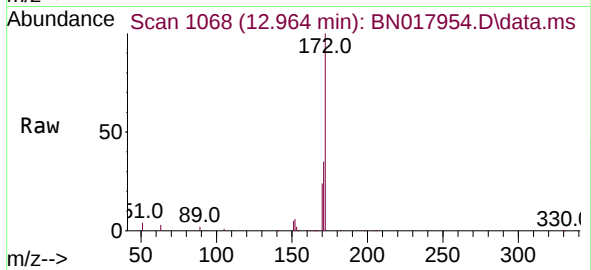




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

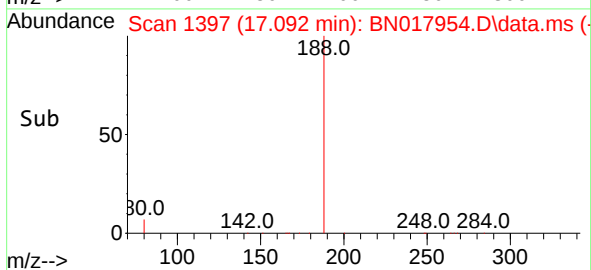
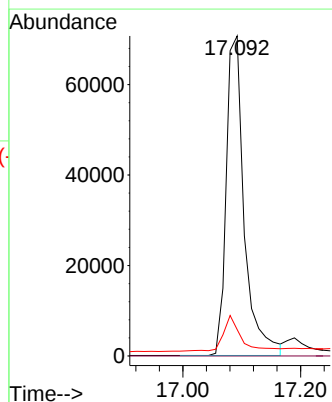
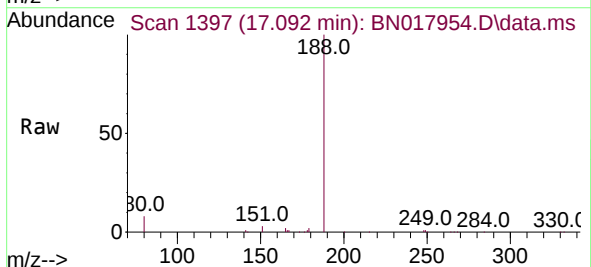
Instrument :
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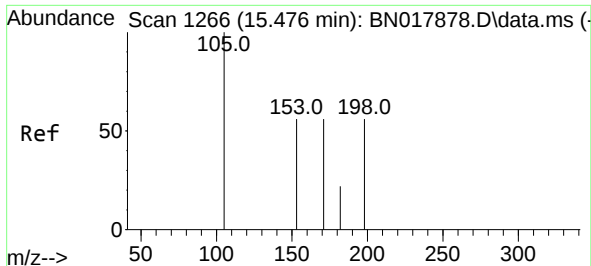
Tgt Ion:	172	Resp:	80122
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.3	42.5
170	23.6	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

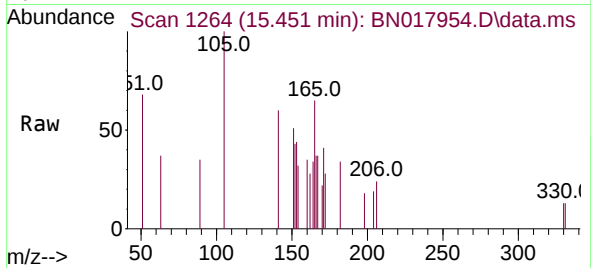
Tgt Ion:	188	Resp:	150134
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	6.2	9.2



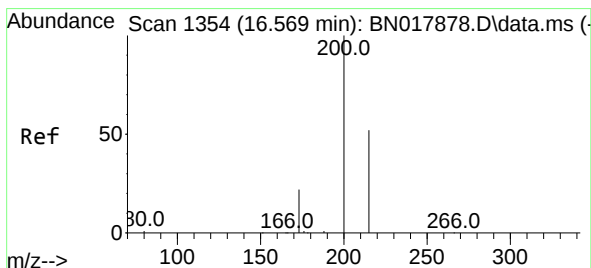
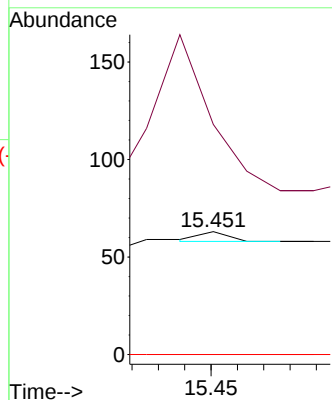
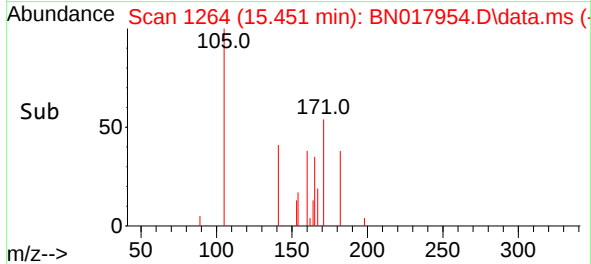


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

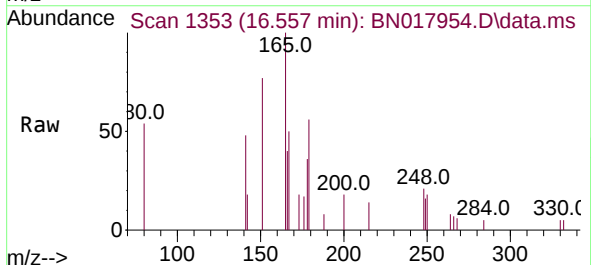
Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207



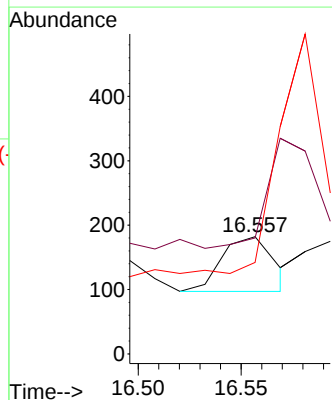
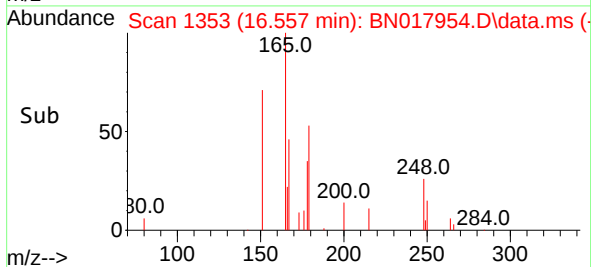
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 187.3 70.8 106.2#
77 0.0 0.0 0.0

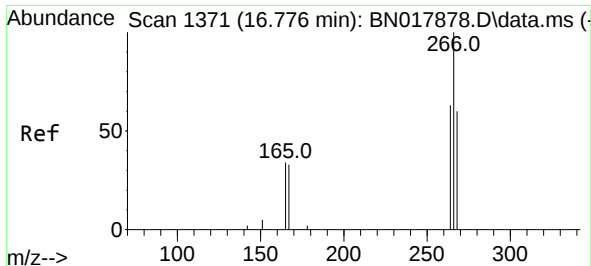


#23
Atrazine
Concen: 0.093 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06



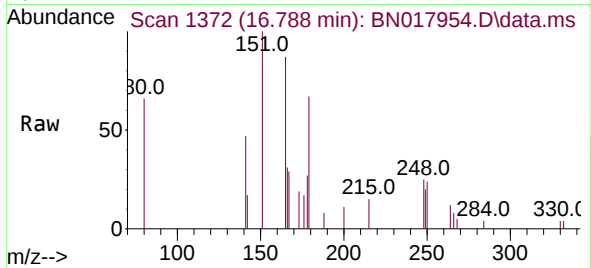
Tgt Ion:200 Resp: 150
Ion Ratio Lower Upper
200 100
173 98.9 18.2 27.2#
215 78.0 41.8 62.8#



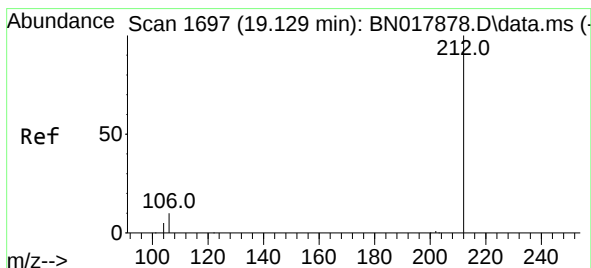
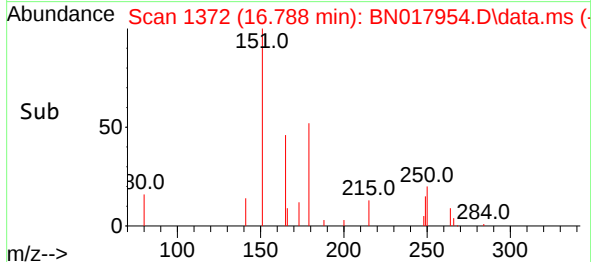
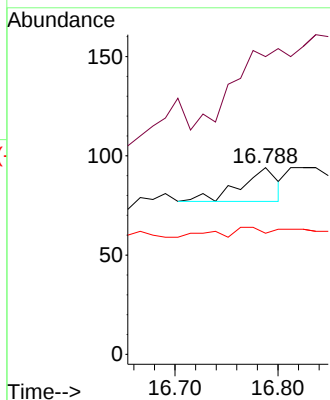


#24
 Pentachlorophenol
 Concen: 0.101 ng
 RT: 16.788 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017954.D
 Acq: 13 Dec 2021 01:06

Instrument :
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 ClientSampleId :
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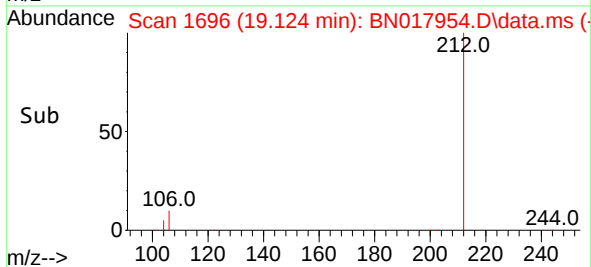
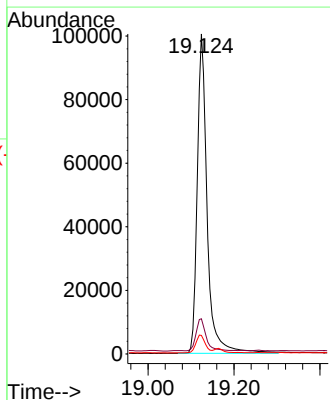
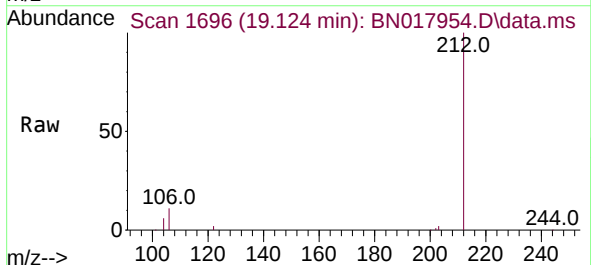


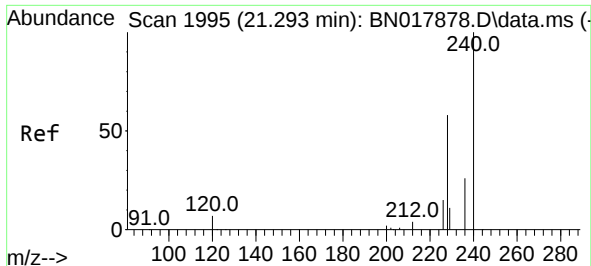
Tgt Ion:266 Resp: 42
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.331 ng
 RT: 19.124 min Scan# 1696
 Delta R.T. -0.005 min
 Lab File: BN017954.D
 Acq: 13 Dec 2021 01:06

Tgt Ion:212 Resp: 160868
 Ion Ratio Lower Upper
 212 100
 106 10.1 8.3 12.5
 104 5.4 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: BN017954.D

Acq: 13 Dec 2021 01:06

Instrument :

BNA_N

ClientSampleId :

RE126D3-20211207

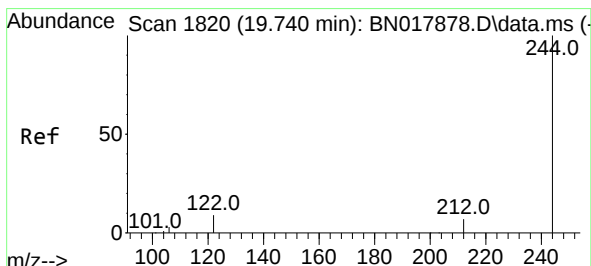
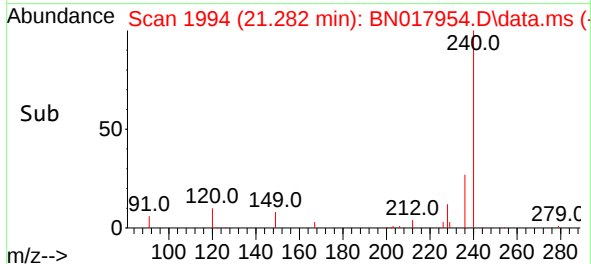
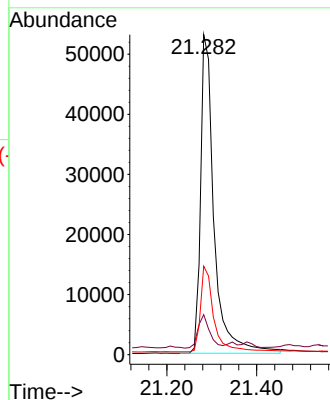
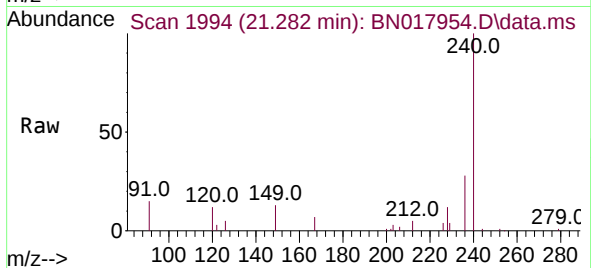
Tgt Ion:240 Resp: 110339

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

236 27.6 21.0 31.6



#31

Terphenyl-d14

Concen: 0.515 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.010 min

Lab File: BN017954.D

Acq: 13 Dec 2021 01:06

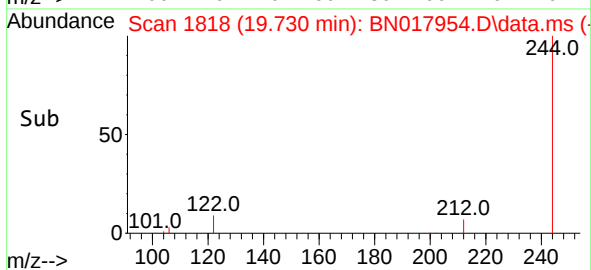
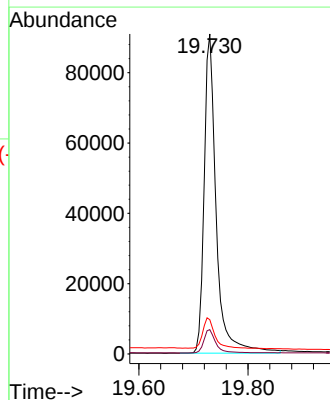
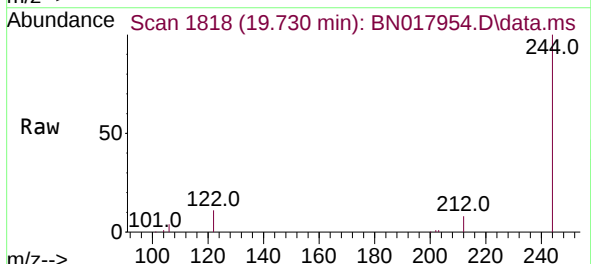
Tgt Ion:244 Resp: 140196

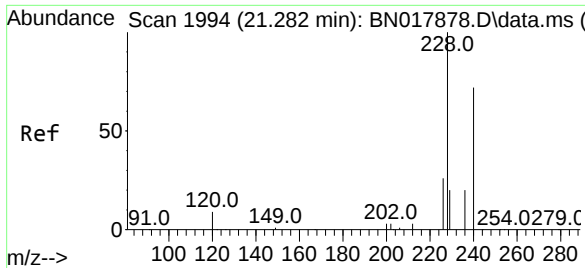
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.7 7.5 11.3

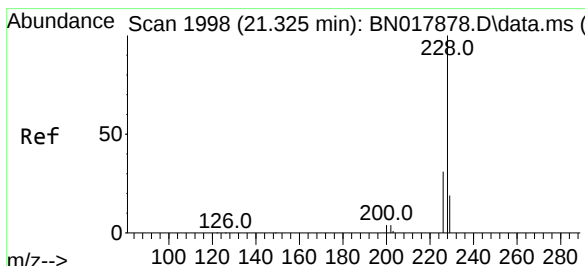
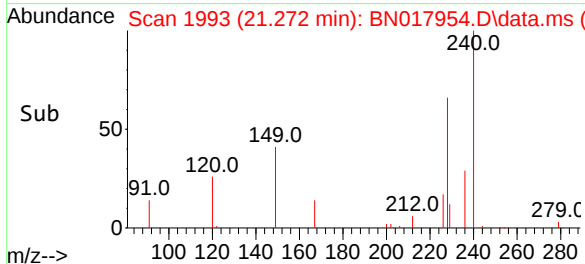
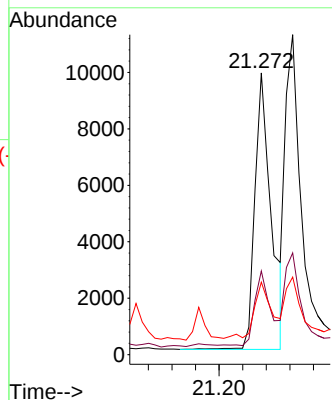
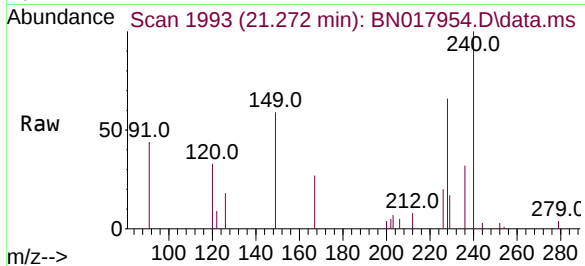




#32
Benzo(a)anthracene
Concen: 0.103 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

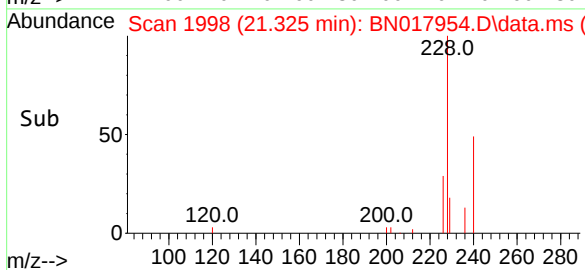
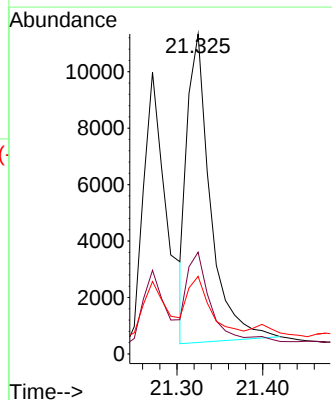
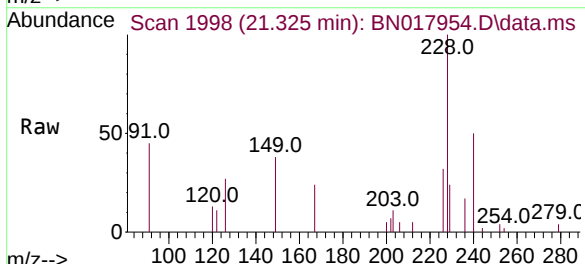
Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

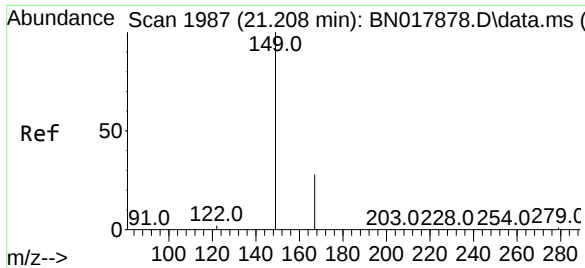
Tgt Ion:228 Resp: 18666
Ion Ratio Lower Upper
228 100
226 29.7 21.0 31.4
229 25.7 15.8 23.8#



#33
Chrysene
Concen: 0.057 ng
RT: 21.325 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion:228 Resp: 20485
Ion Ratio Lower Upper
228 100
226 31.8 23.8 35.8
229 24.3 15.6 23.4#

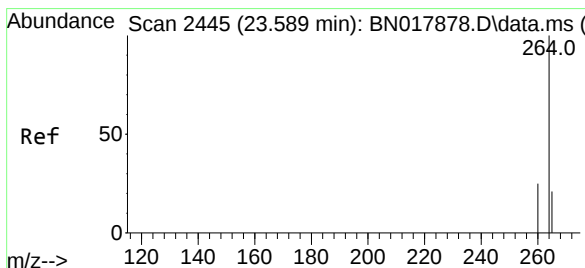
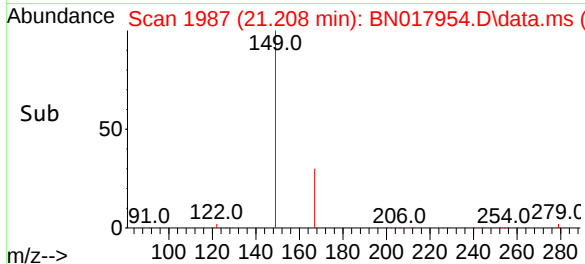
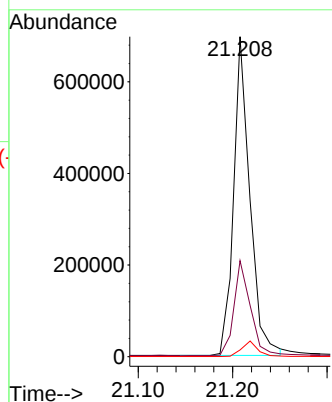
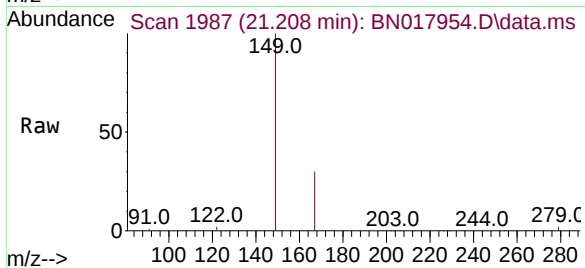




#34
Bis(2-ethylhexyl)phthalate
Concen: 7.051 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

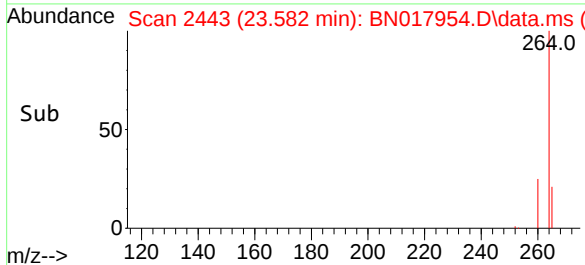
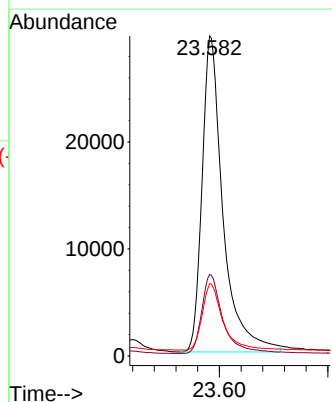
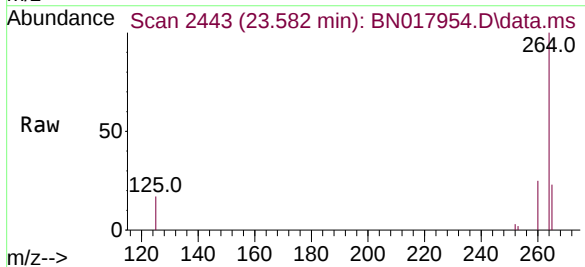
Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

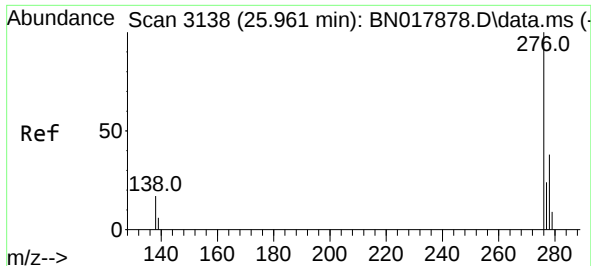
Tgt Ion:149 Resp: 835204
Ion Ratio Lower Upper
149 100
167 30.3 23.4 35.0
279 4.8 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2443
Delta R.T. -0.007 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion:264 Resp: 79236
Ion Ratio Lower Upper
264 100
260 25.5 20.2 30.4
265 22.6 18.2 27.4

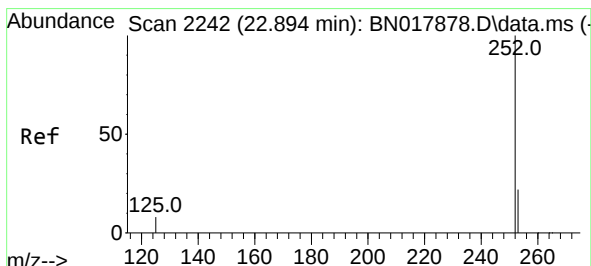
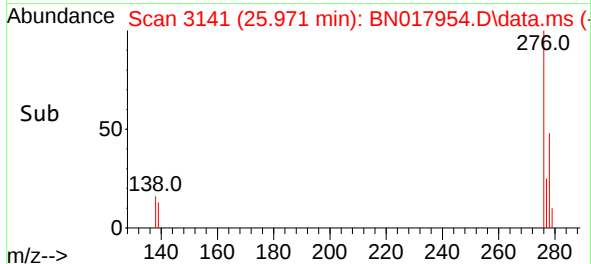
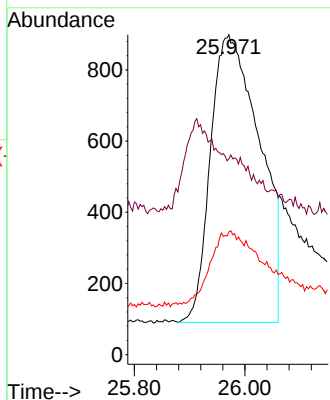
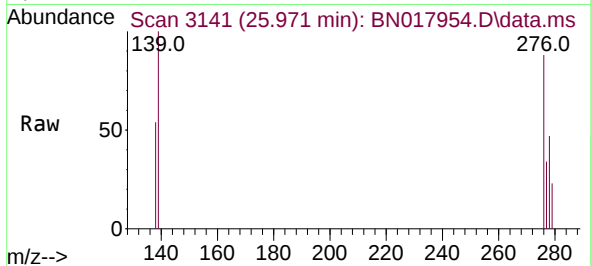




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.119 ng
 RT: 25.971 min Scan# 3138
 Delta R.T. 0.010 min
 Lab File: BN017954.D
 Acq: 13 Dec 2021 01:06

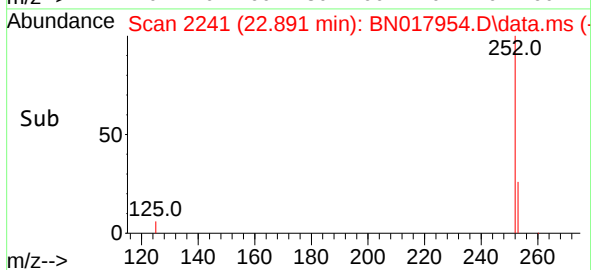
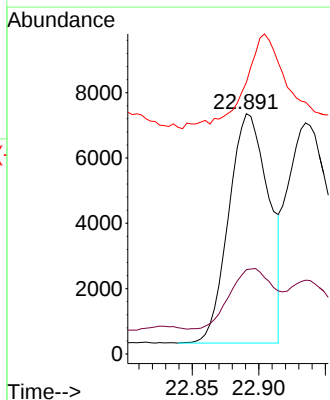
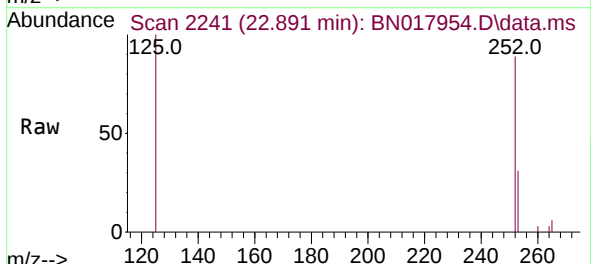
Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20211207

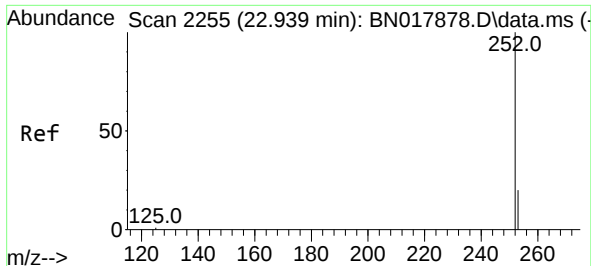
Tgt Ion: 276 Resp: 4991
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 7.2 19.8 29.6#



#37
 Benzo(b)fluoranthene
 Concen: 0.056 ng
 RT: 22.891 min Scan# 2241
 Delta R.T. -0.003 min
 Lab File: BN017954.D
 Acq: 13 Dec 2021 01:06

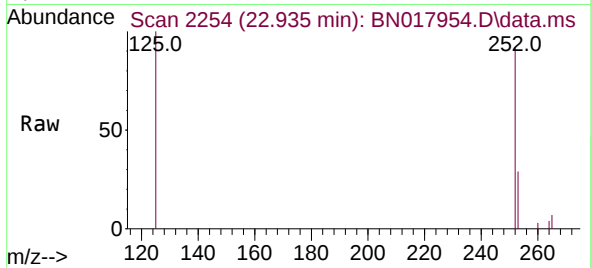
Tgt Ion: 252 Resp: 14731
 Ion Ratio Lower Upper
 252 100
 253 35.1 17.9 26.9#
 125 113.0 6.8 10.2#



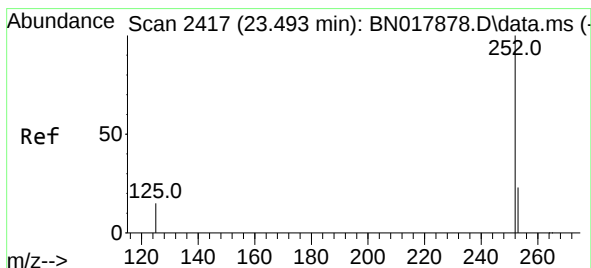
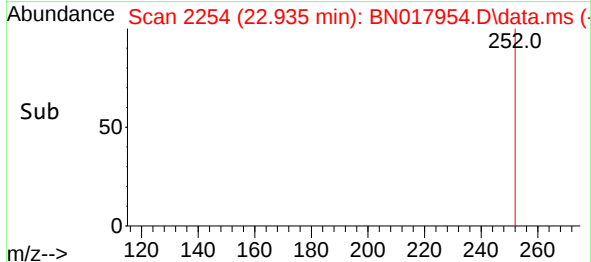
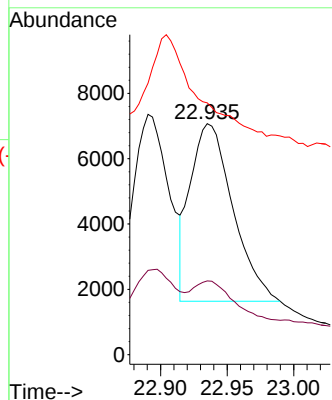


#38
Benzo(k)fluoranthene
Concen: 0.047 ng
RT: 22.935 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

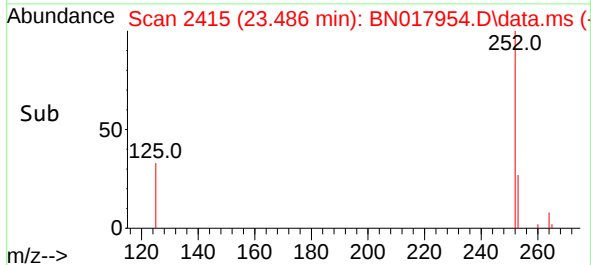
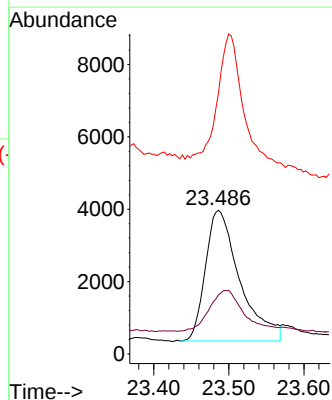
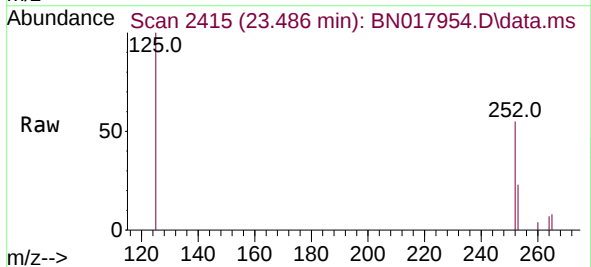


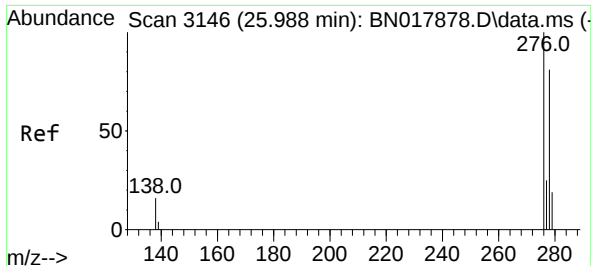
Tgt Ion:252 Resp: 12048
Ion Ratio Lower Upper
252 100
253 31.9 17.8 26.6#
125 109.0 6.1 9.1#



#39
Benzo(a)pyrene
Concen: 0.049 ng
RT: 23.486 min Scan# 2415
Delta R.T. -0.007 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion:252 Resp: 11514
Ion Ratio Lower Upper
252 100
253 41.1 18.8 28.2#
125 181.2 12.2 18.2#

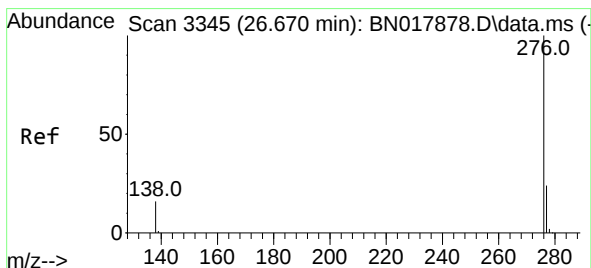
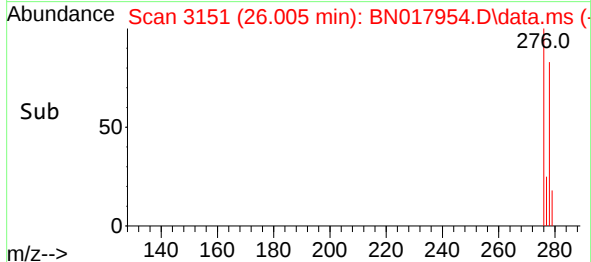
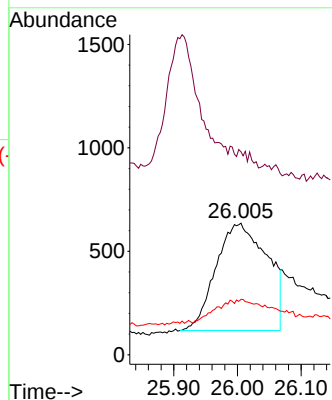
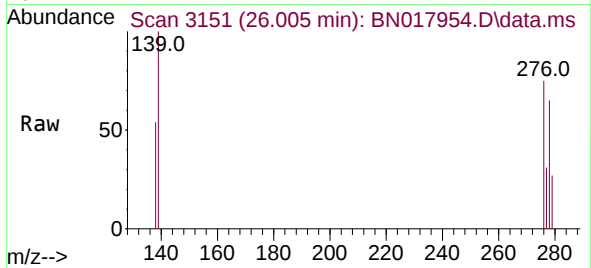




#40
Dibenzo(a,h)anthracene
Concen: 0.126 ng
RT: 26.005 min Scan# 3146
Delta R.T. 0.017 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Instrument :
BNA_N
ClientSampleId :
RE126D3-20211207

Tgt Ion:278 Resp: 2893
Ion Ratio Lower Upper
278 100
139 154.2 12.0 18.0#
279 42.1 20.8 31.2#



#41
Benzo(g,h,i)perylene
Concen: 0.052 ng
RT: 26.680 min Scan# 3348
Delta R.T. 0.010 min
Lab File: BN017954.D
Acq: 13 Dec 2021 01:06

Tgt Ion:276 Resp: 6592
Ion Ratio Lower Upper
276 100
277 32.2 19.6 29.4#
138 40.8 13.8 20.8#

