

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
 Data File : BN013752.D
 Acq On : 25 Feb 2021 07:07
 Operator : CG/JU
 Sample : M1473-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-022321

Quant Time: Feb 25 07:39:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 21:36:22 2021
 Response via : Initial Calibration

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

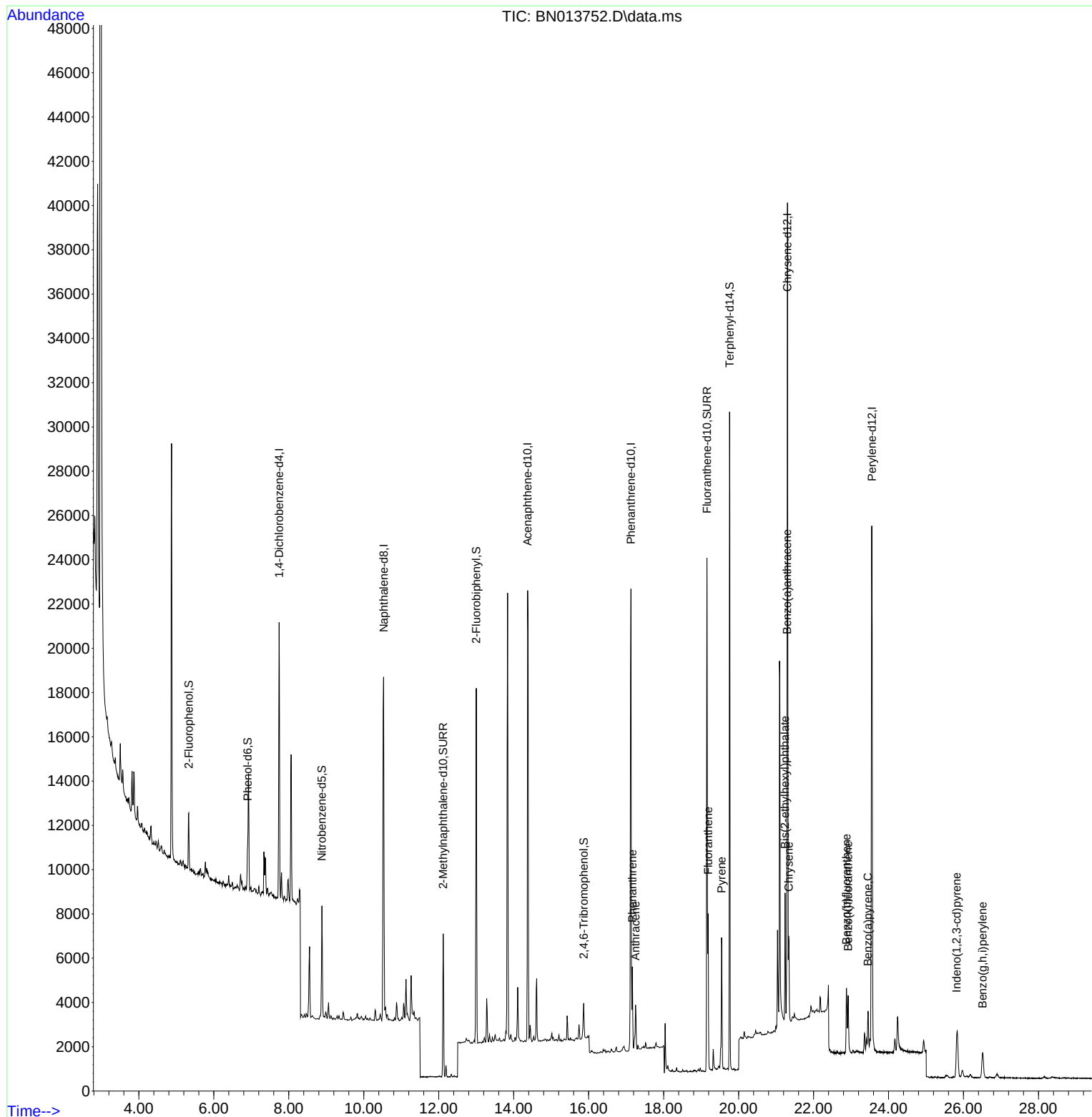
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5761	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22290	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	13241	0.40	ng	-0.01
19) Phenanthrene-d10	17.128	188	29354	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	30770	0.40	ng	#-0.01
36) Perylene-d12	23.554	264	31169	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.332	112	2102	0.14	ng	0.00
5) Phenol-d6	6.903	99	1687	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	3914	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8496	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1286	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	12959	0.28	ng	-0.01
27) Fluoranthene-d10	19.153	212	25370	0.29	ng	0.00
31) Terphenyl-d14	19.759	244	28445	0.42	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.165	178	3636	0.05	ng	97
26) Anthracene	17.250	178	1609	0.02	ng	# 94
28) Fluoranthene	19.188	202	6144	0.07	ng	# 97
30) Pyrene	19.546	202	5201	0.06	ng	97
32) Benzo(a)anthracene	21.292	228	3052	0.03	ng	95
33) Chrysene	21.335	228	3621	0.04	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.239	149	4990	0.11	ng	99
35) Indeno(1,2,3-cd)pyrene	25.817	276	2949	0.03	ng	99
37) Benzo(b)fluoranthene	22.876	252	4132	0.04	ng	# 87
38) Benzo(k)fluoranthene	22.921	252	2711	0.03	ng	# 58
39) Benzo(a)pyrene	23.451	252	2621	0.03	ng	# 79
41) Benzo(g,h,i)perylene	26.508	276	2566	0.03	ng	# 84

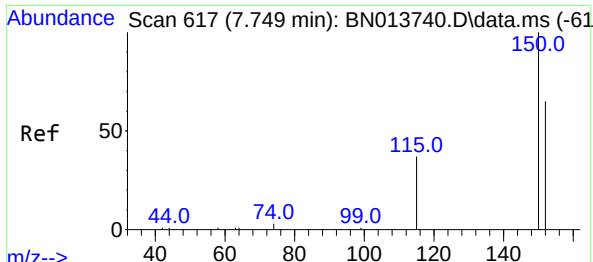
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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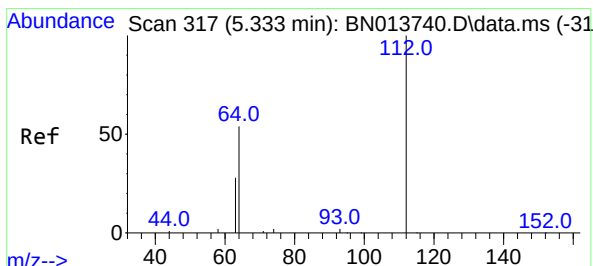
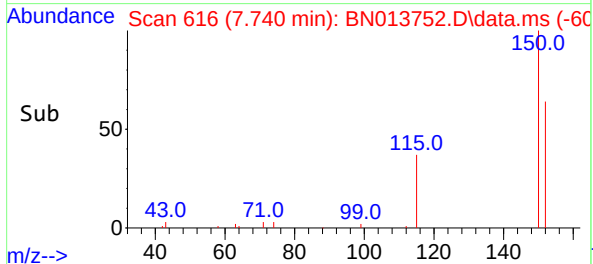
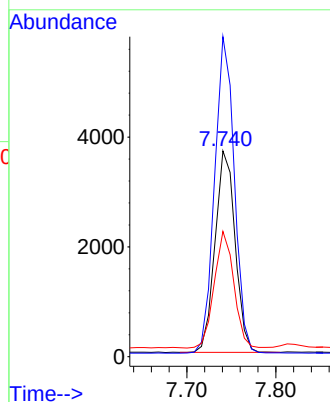
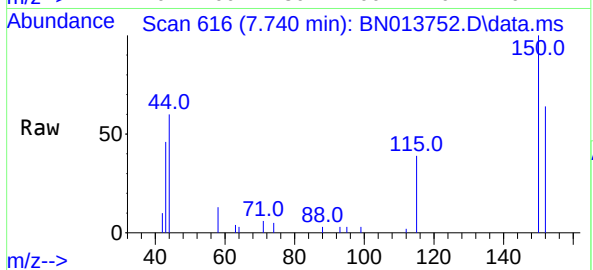




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.009 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

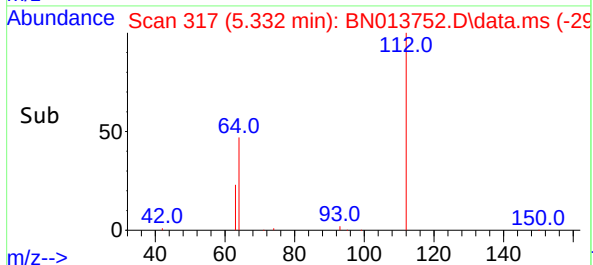
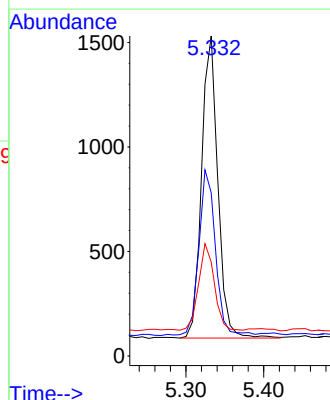
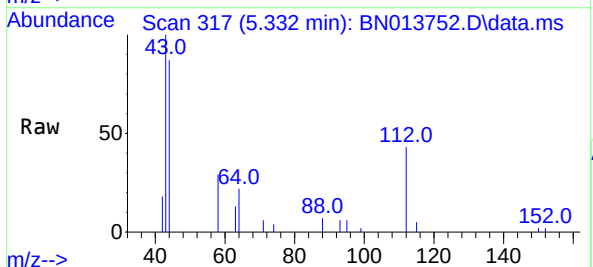
Instrument :
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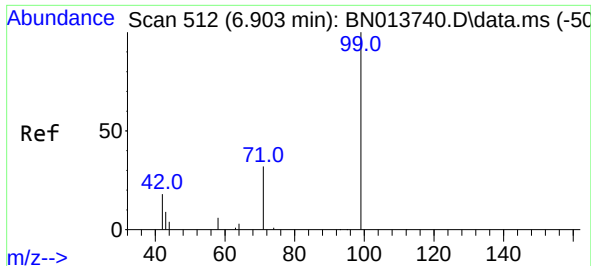
Tgt Ion:152 Resp: 5761
Ion Ratio Lower Upper
152 100
150 155.6 121.8 182.8
115 60.9 46.6 69.8



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.332 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:112 Resp: 2102
Ion Ratio Lower Upper
112 100
64 55.9 44.3 66.5
63 28.1 23.0 34.6

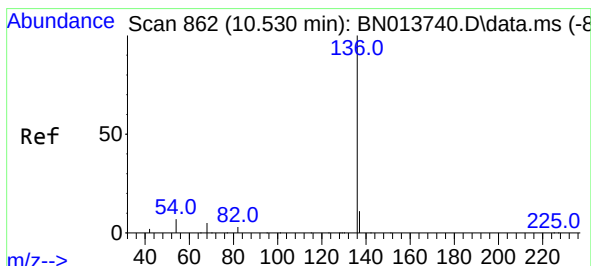
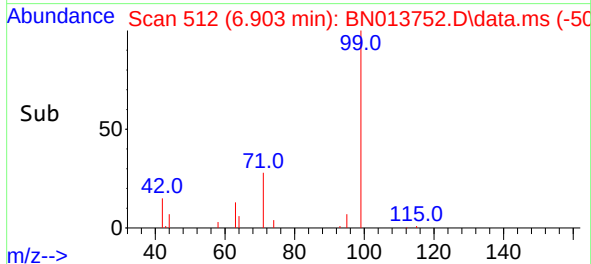
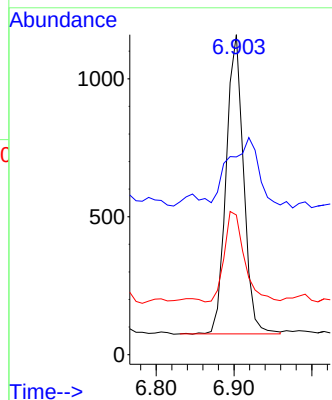
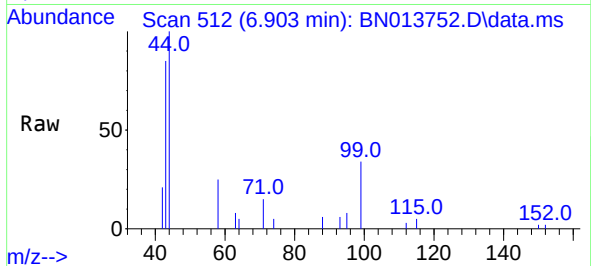




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

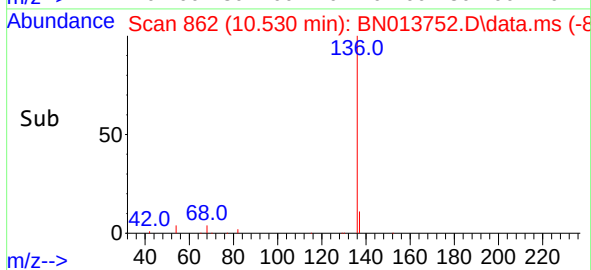
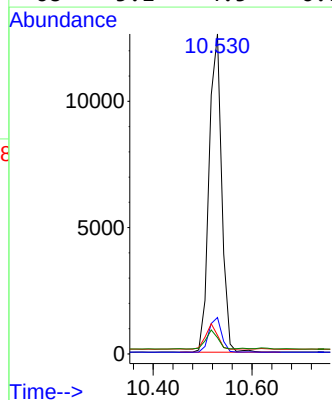
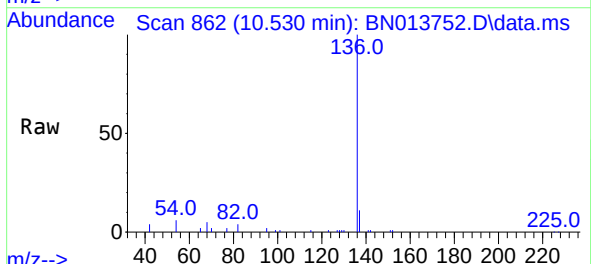
Instrument :
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ClientSampleId :
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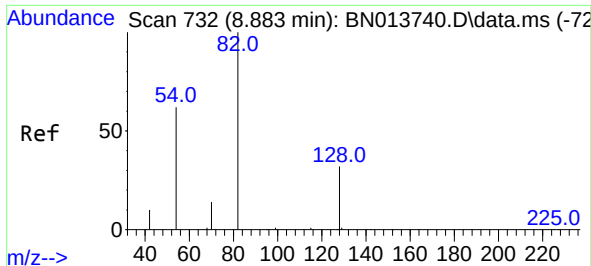
Tgt Ion: 99 Resp: 1687
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 35.8 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion: 136 Resp: 22290
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 5.9 6.4 9.6#
68 5.1 4.5 6.7

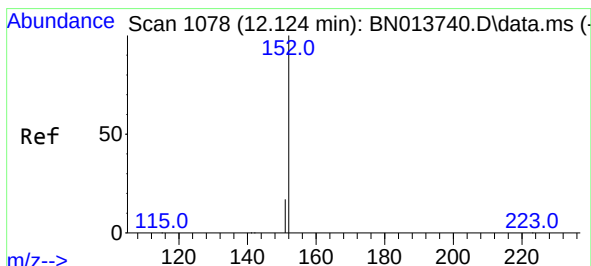
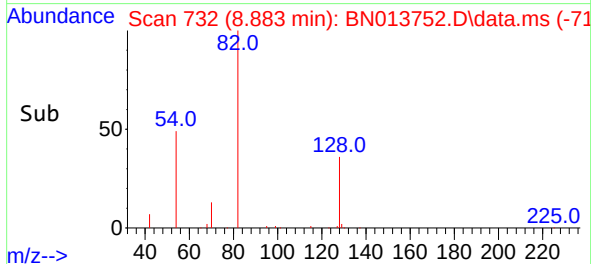
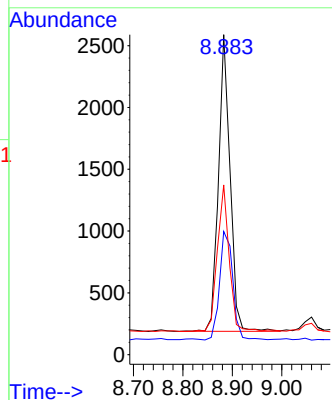
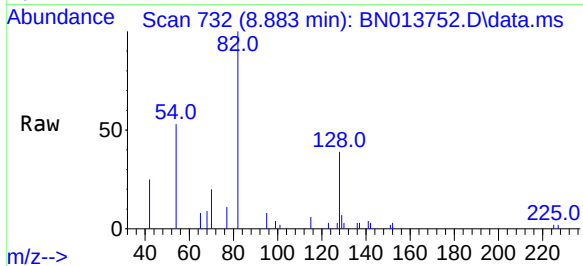




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

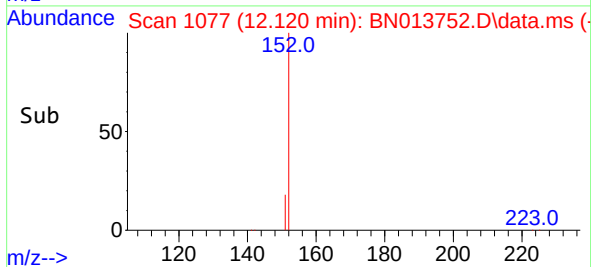
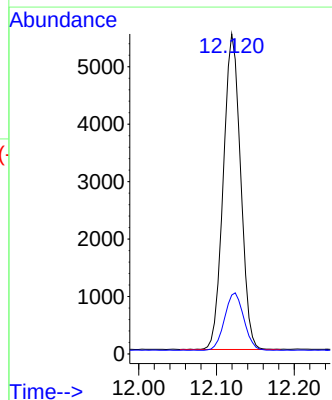
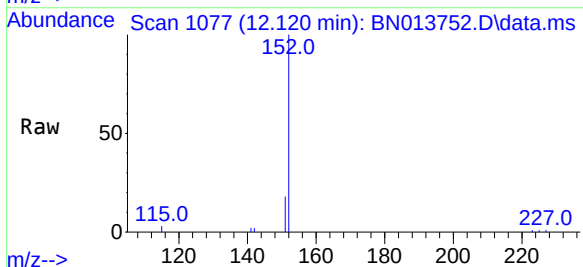
Instrument :
BNA_N
ClientSampleId :
EB-022321

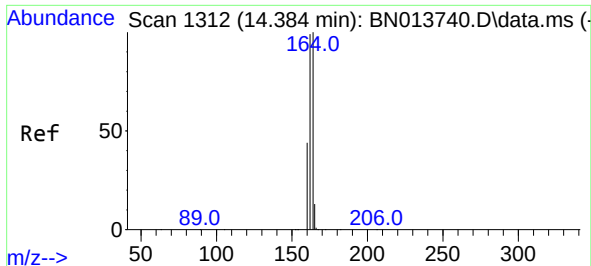
Tgt Ion: 82 Resp: 3914
Ion Ratio Lower Upper
82 100
128 38.5 39.2 58.8#
54 53.1 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.005 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion: 152 Resp: 8496
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

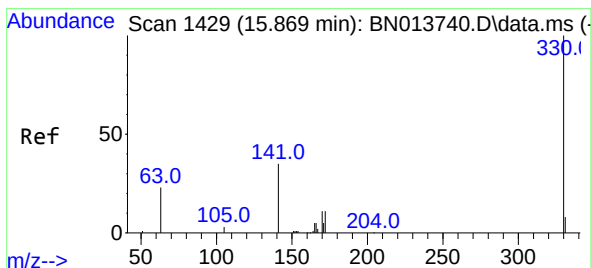
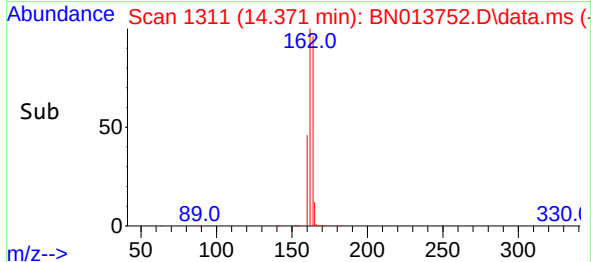
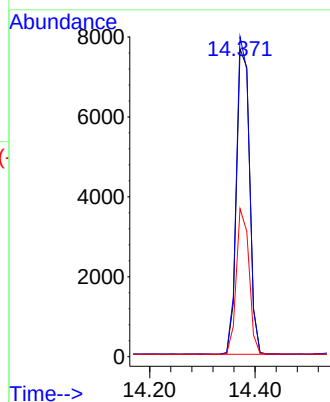
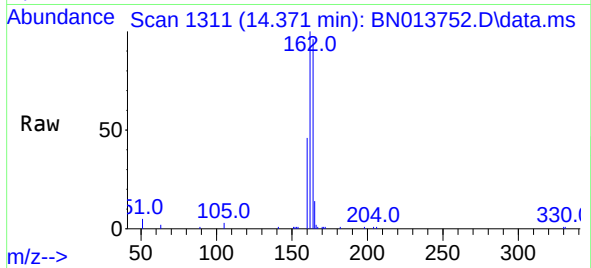




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.013 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

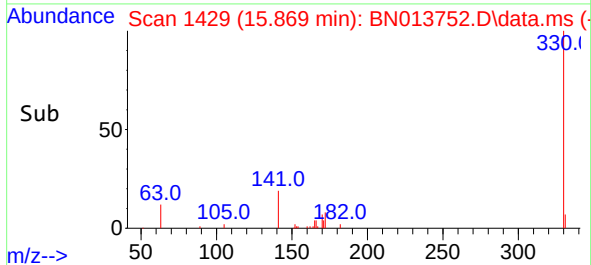
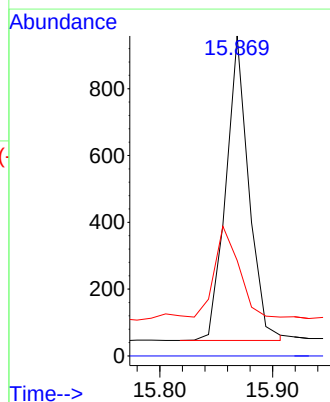
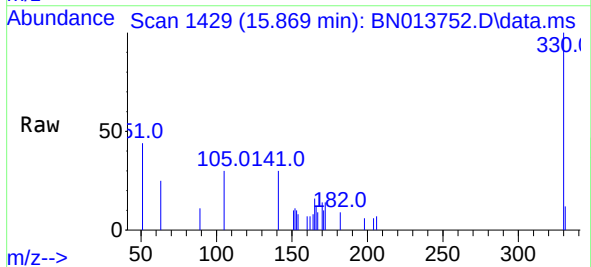
Instrument :
BNA_N
ClientSampleId :
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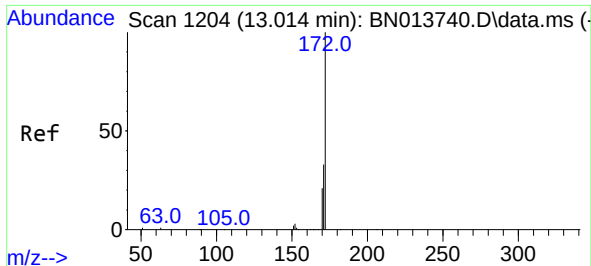
Tgt Ion:164 Resp: 13241
Ion Ratio Lower Upper
164 100
162 104.0 79.6 119.4
160 48.1 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:330 Resp: 1286
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 26.8 40.2

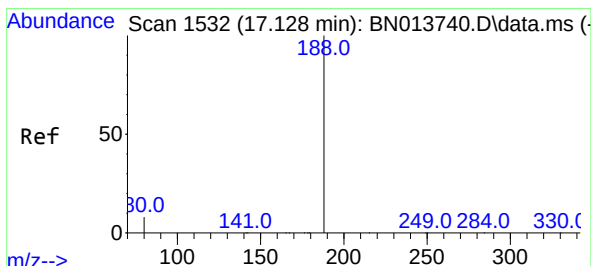
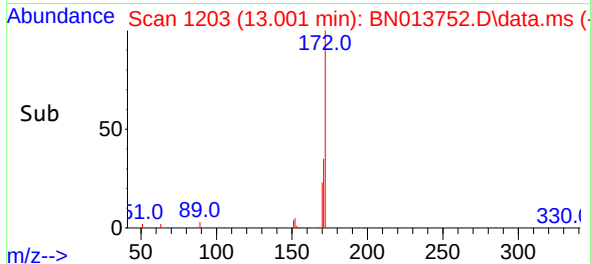
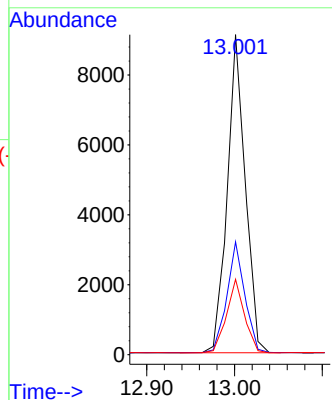
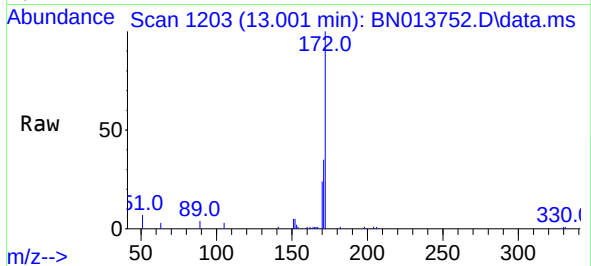




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.013 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

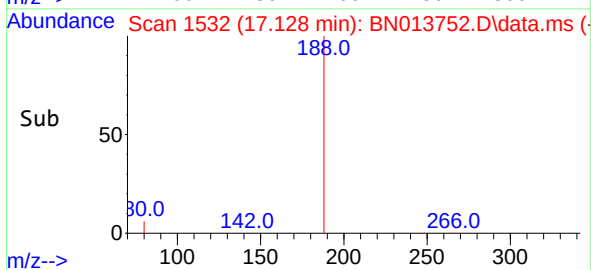
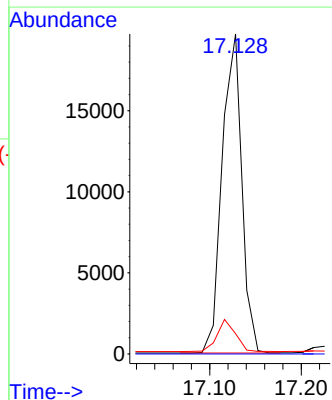
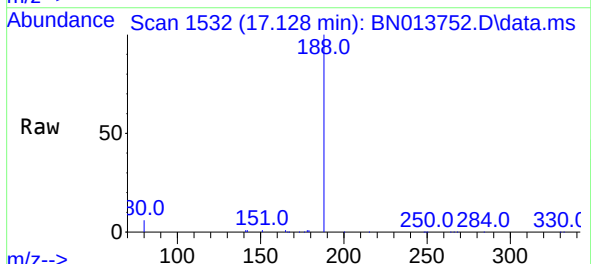
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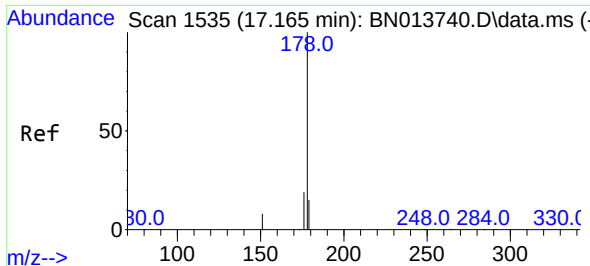
Tgt Ion:172	Resp:	12959
Ion Ratio	Lower	Upper
172	100	
171	35.2	28.6 42.8
170	23.5	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:188	Resp:	29354
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.4	9.0 13.6#



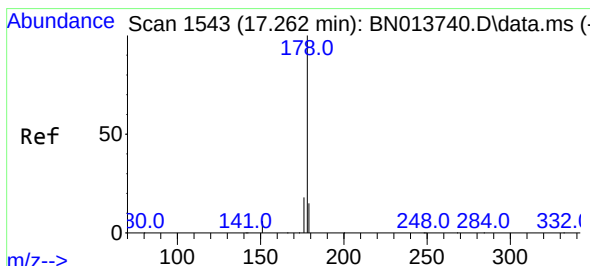
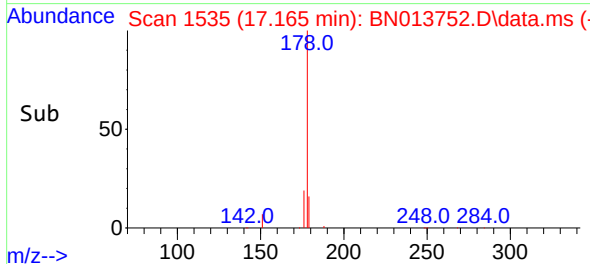
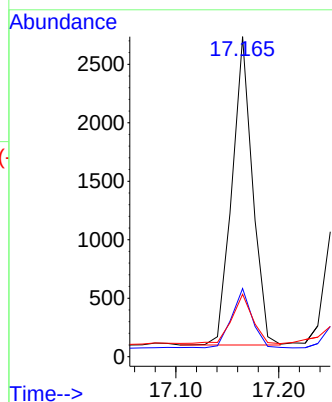
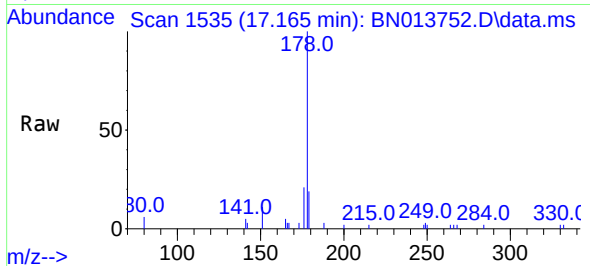


#25
Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Instrument :
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ClientSampleId :
EB-022321

Tgt Ion:178 Resp: 3636

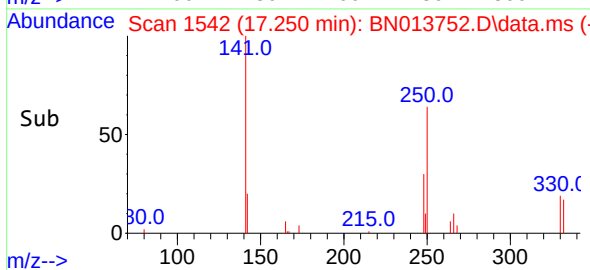
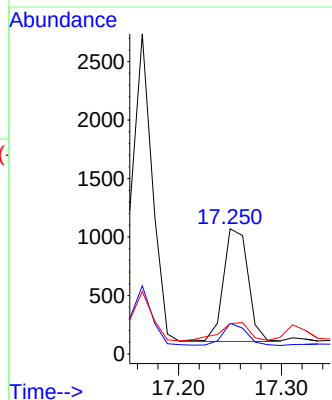
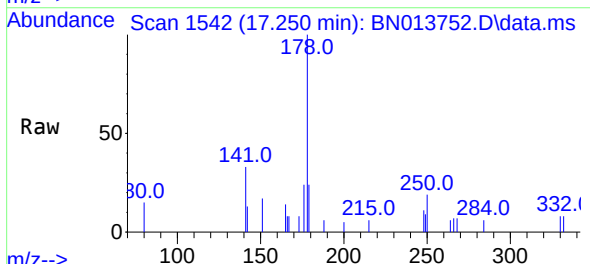
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	17.9	12.3	18.5

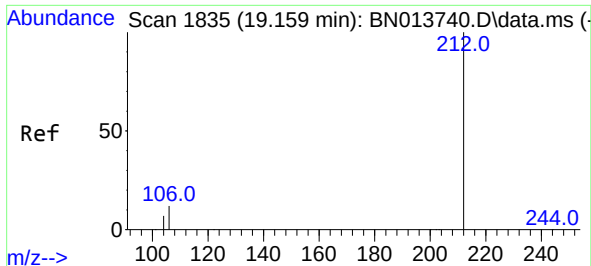


#26
Anthracene
Concen: 0.02 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:178 Resp: 1609

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	19.8	12.2	18.2

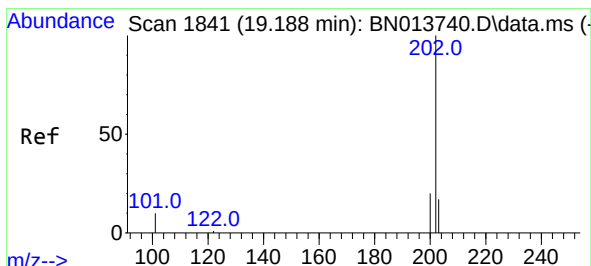
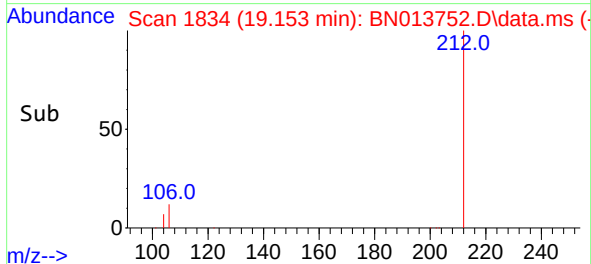
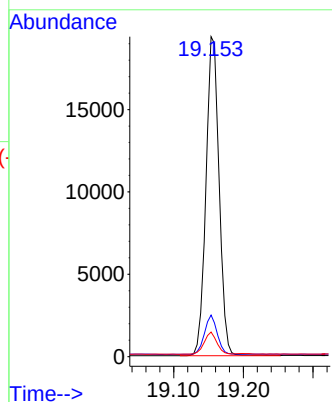
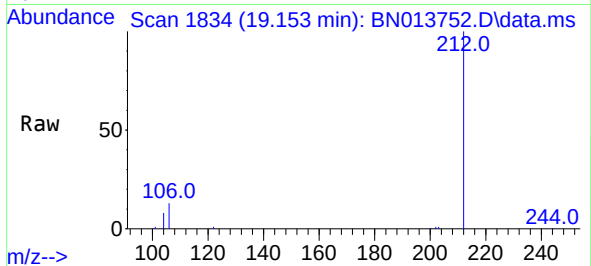




#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.153 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

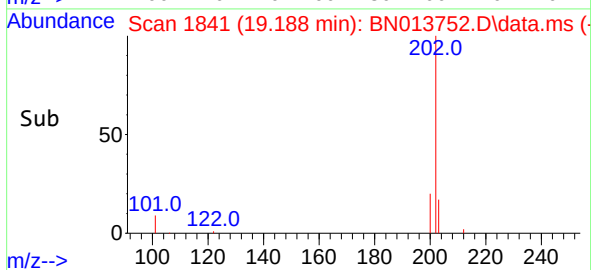
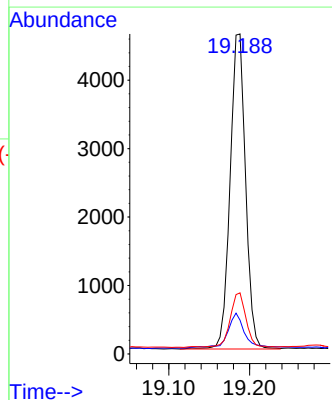
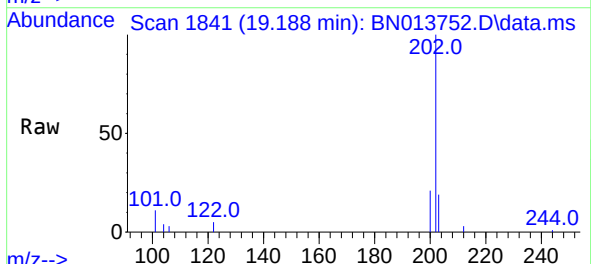
Instrument :
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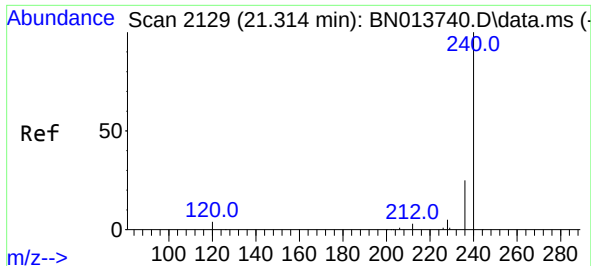
Tgt Ion:212	Resp:	25370
Ion Ratio	Lower	Upper
212	100	
106	11.9	9.7 14.5
104	6.6	5.5 8.3



#28
Fluoranthene
Concen: 0.07 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:202	Resp:	6144
Ion Ratio	Lower	Upper
202	100	
101	12.6	8.1 12.1#
203	17.1	13.9 20.9

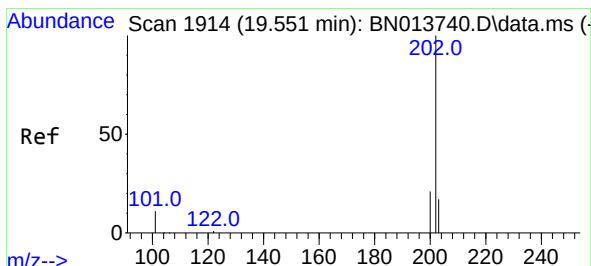
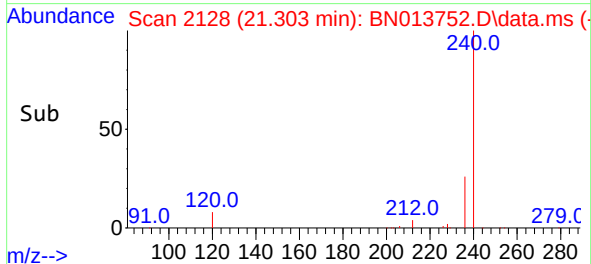
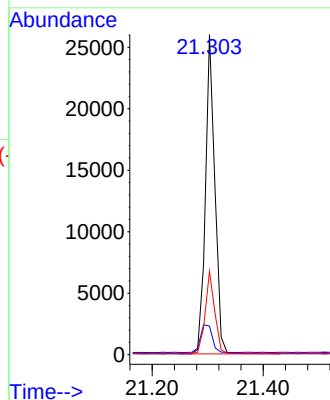
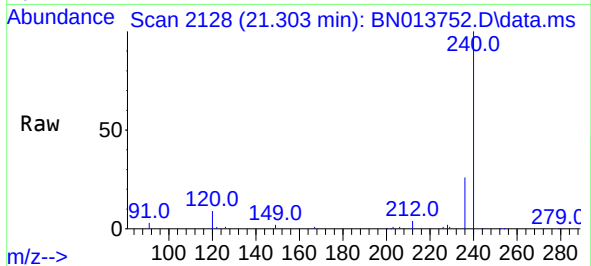




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

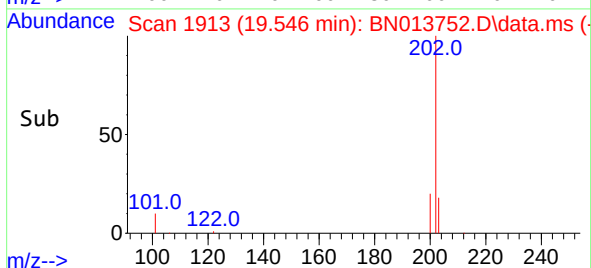
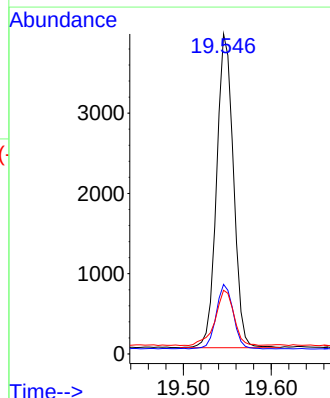
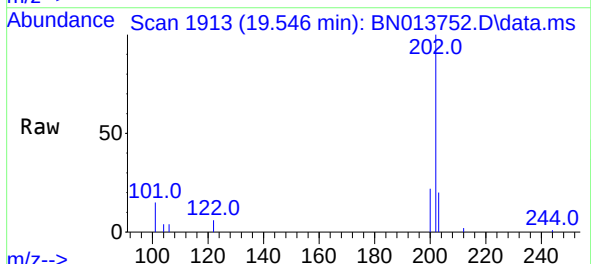
Instrument :
BNA_N
ClientSampleId :
EB-022321

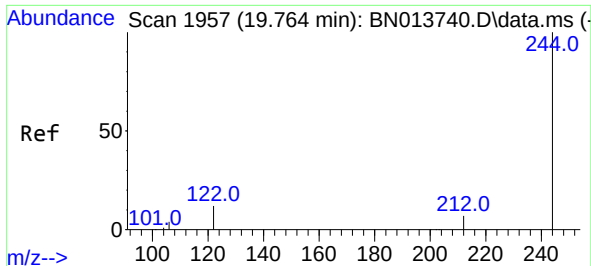
Tgt Ion:240 Resp: 30770
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 26.1 21.3 31.9



#30
Pyrene
Concen: 0.06 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:202 Resp: 5201
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 19.6 14.0 21.0

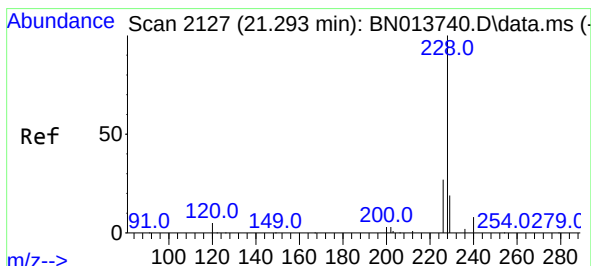
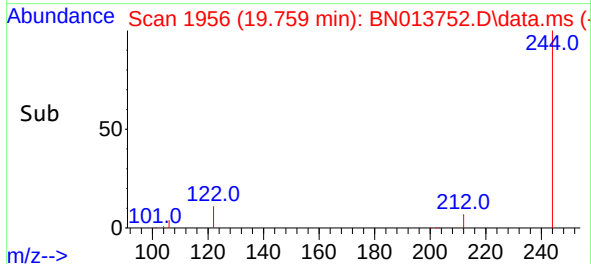
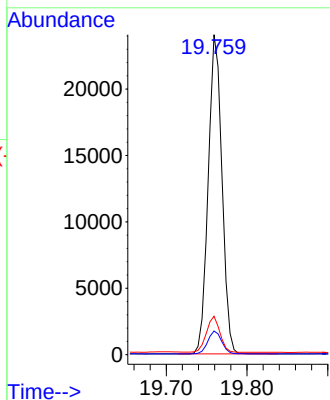
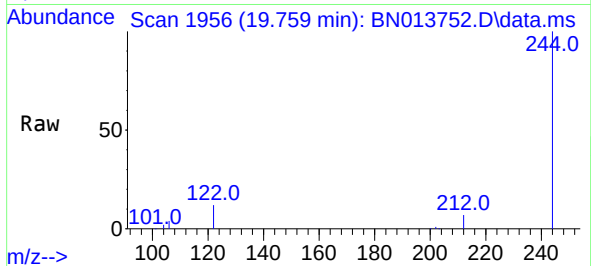




#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

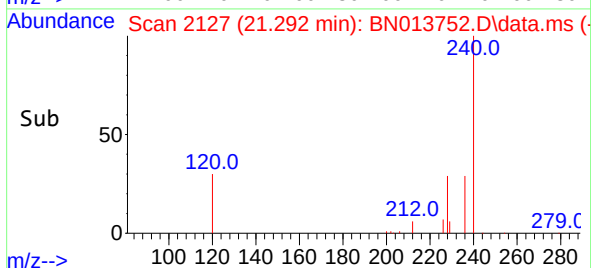
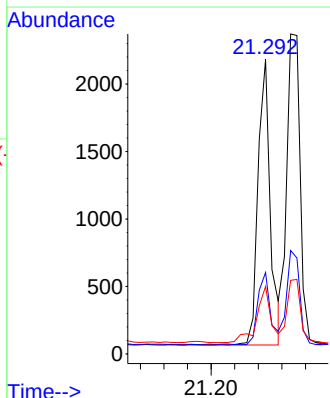
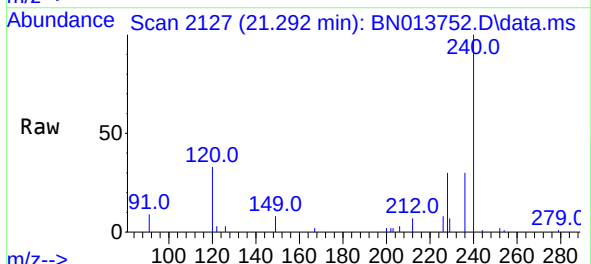
Instrument :
BNA_N
ClientSampleId :
EB-022321

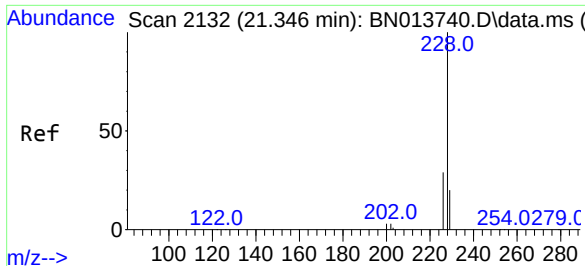
Tgt Ion:244 Resp: 28445
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.0 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:228 Resp: 3052
Ion Ratio Lower Upper
228 100
226 27.6 20.5 30.7
229 23.0 16.2 24.4

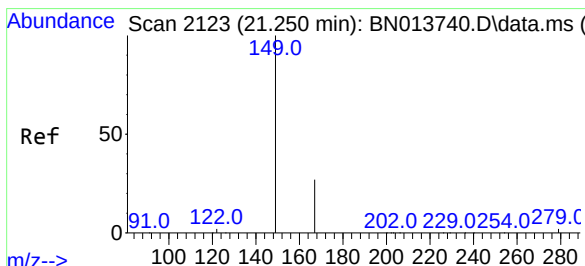
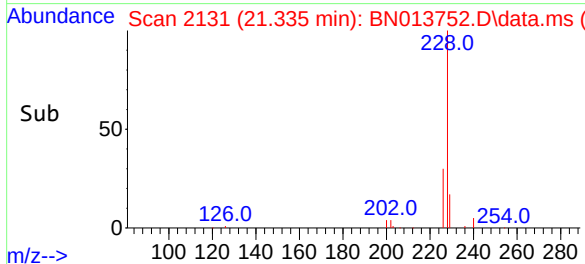
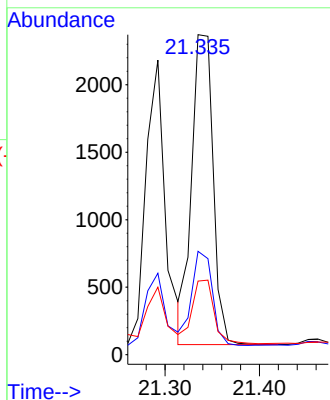
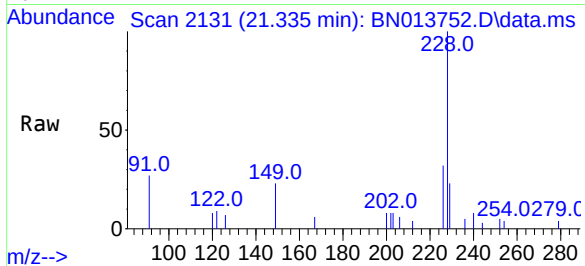




#33
Chrysene
Concen: 0.04 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

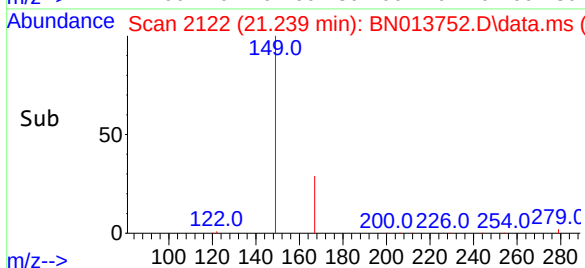
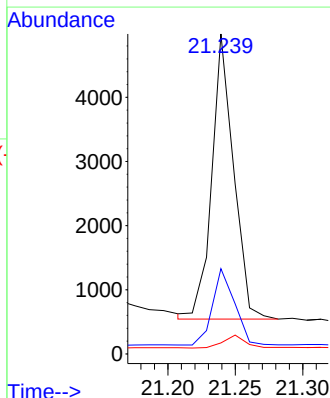
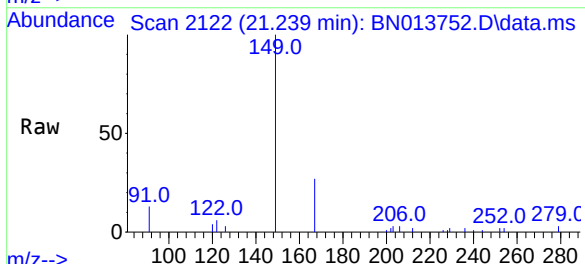
Instrument :
BNA_N
ClientSampleId :
EB-022321

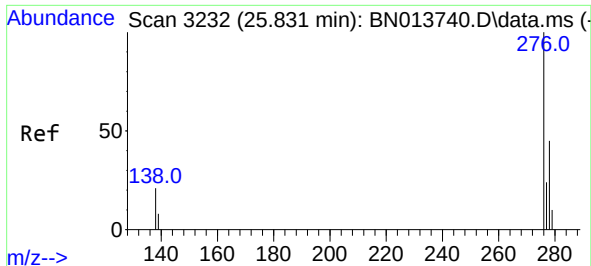
Tgt Ion:228 Resp: 3621
Ion Ratio Lower Upper
228 100
226 32.3 24.3 36.5
229 23.0 15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:149 Resp: 4990
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.6 3.5 5.3

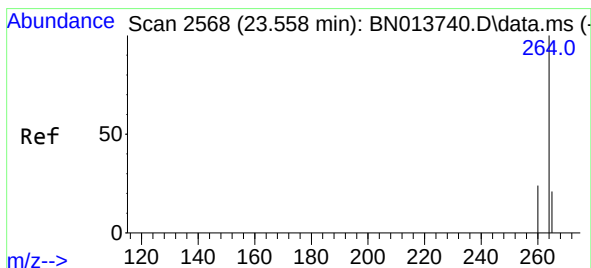
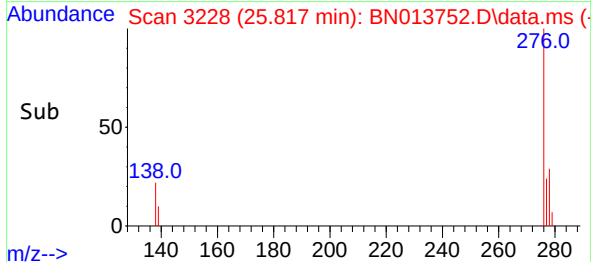
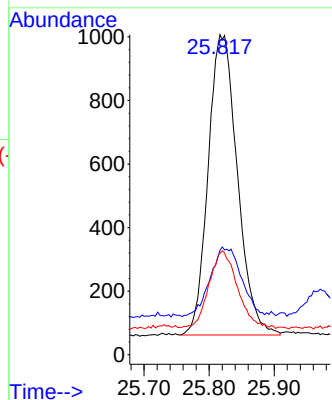
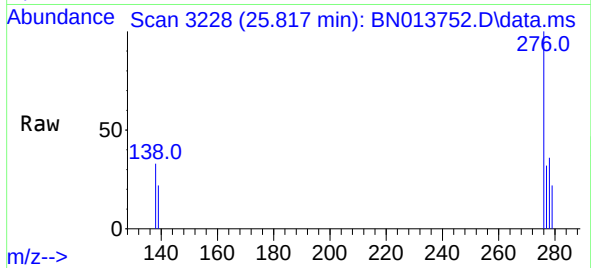




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.817 min Scan# 3228
Delta R.T. -0.014 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

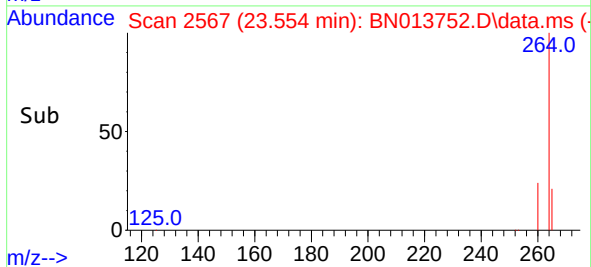
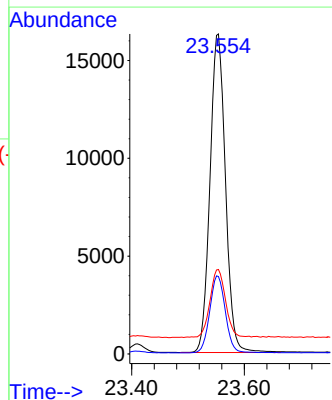
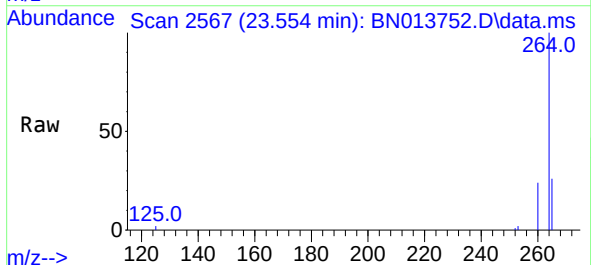
Instrument :
BNA_N
ClientSampleId :
EB-022321

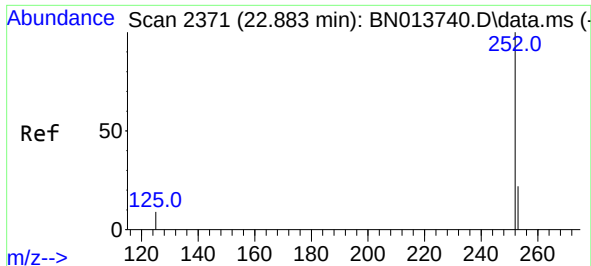
Tgt Ion:276 Resp: 2949
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.6
277 24.3 19.9 29.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.554 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:264 Resp: 31169
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 26.4 66.2 99.4#

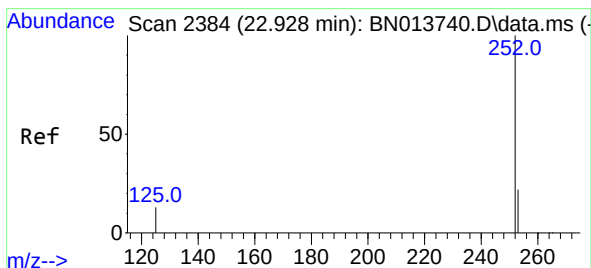
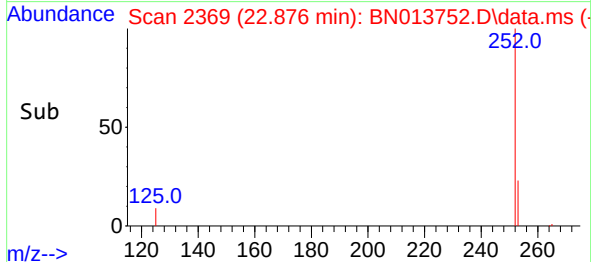
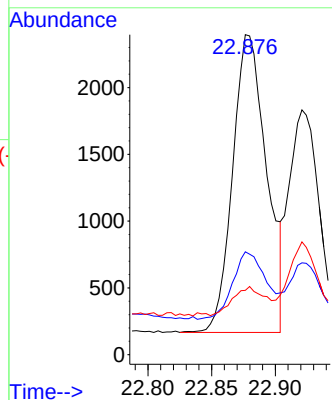
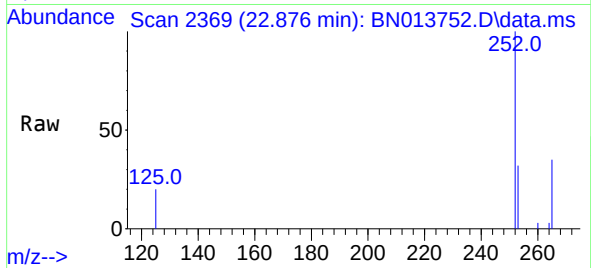




#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.876 min Scan# 2369
Delta R.T. -0.007 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

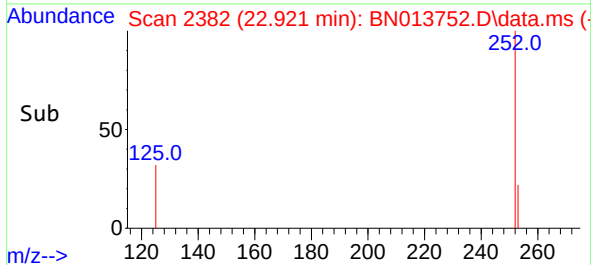
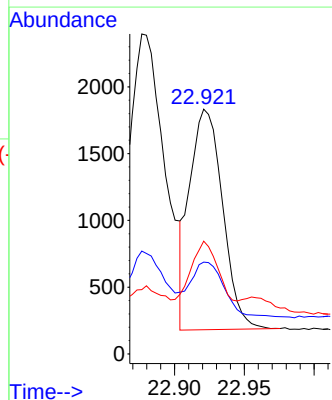
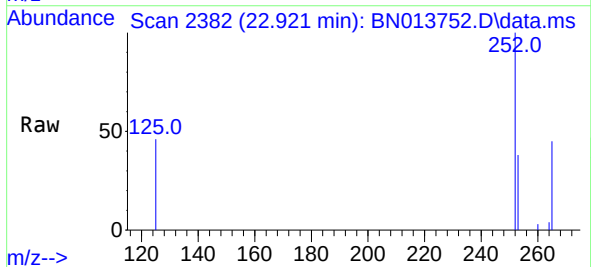
Instrument :
BNA_N
ClientSampleId :
EB-022321

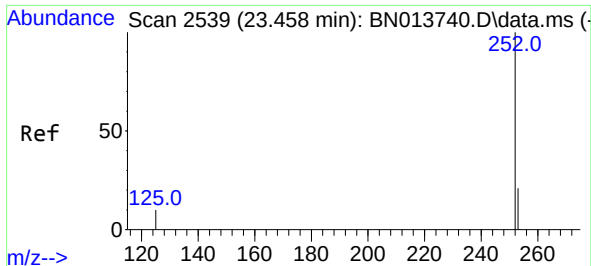
Tgt Ion:252 Resp: 4132
Ion Ratio Lower Upper
252 100
253 32.1 20.4 30.6#
125 20.1 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.007 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:252 Resp: 2711
Ion Ratio Lower Upper
252 100
253 37.5 20.5 30.7#
125 46.0 12.3 18.5#

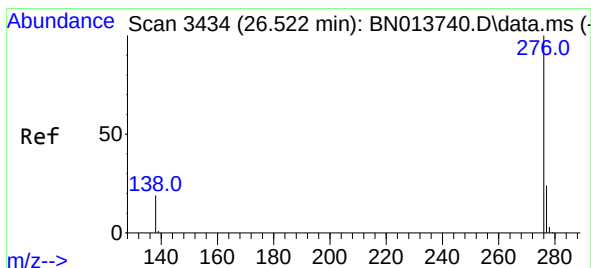
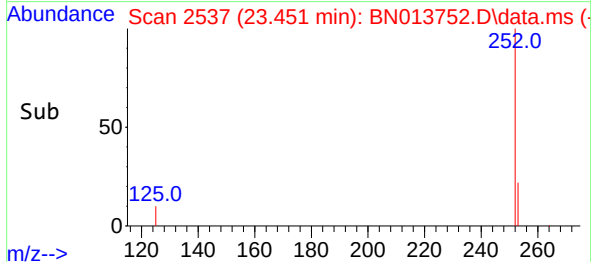
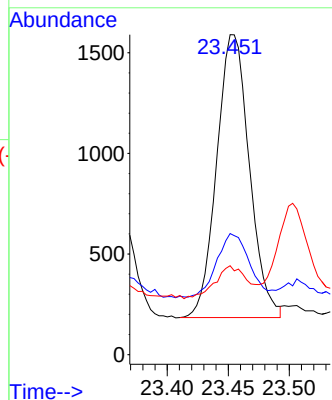
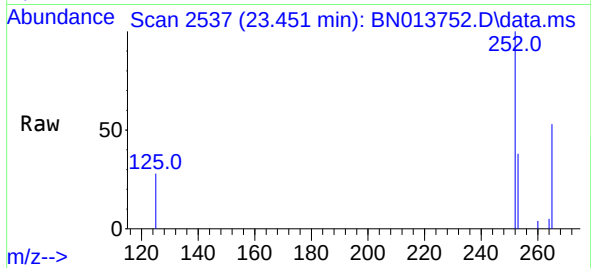




#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.451 min Scan# 2537
Delta R.T. -0.007 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Instrument :
BNA_N
ClientSampleId :
EB-022321

Tgt Ion:252 Resp: 2621
Ion Ratio Lower Upper
252 100
253 37.9 21.8 32.6#
125 27.8 14.6 21.8#



#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.508 min Scan# 3430
Delta R.T. -0.014 min
Lab File: BN013752.D
Acq: 25 Feb 2021 07:07

Tgt Ion:276 Resp: 2566
Ion Ratio Lower Upper
276 100
277 31.3 20.0 30.0#
138 31.9 17.8 26.8#

