

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013775.D
 Acq On : 25 Feb 2021 19:12
 Operator : CG/JU
 Sample : M1484-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-06-022421

Quant Time: Feb 25 23:13:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

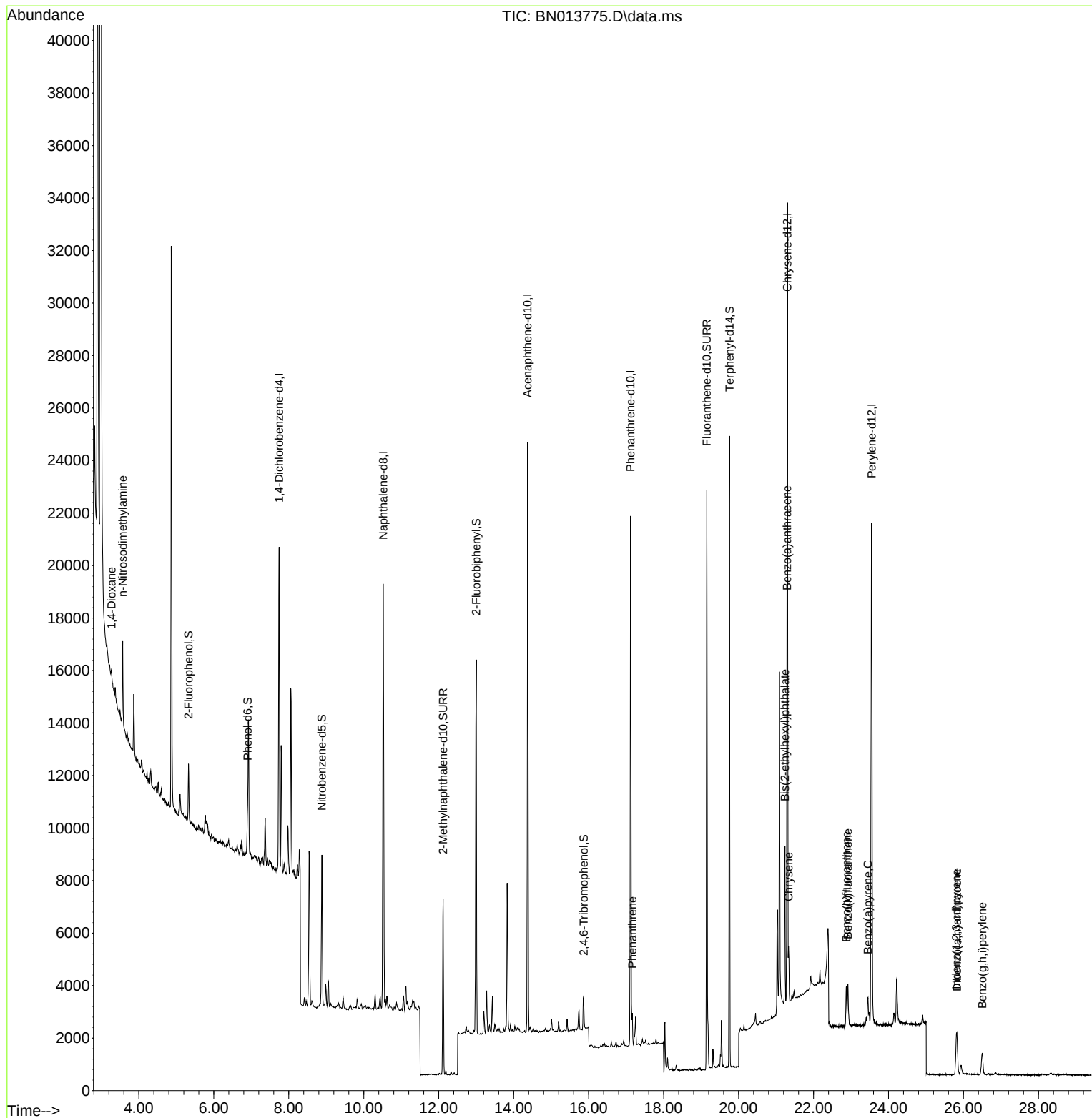
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5490	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	21246	0.40	ng	#-0.01
13) Acenaphthene-d10	14.372	164	12030	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26151	0.40	ng	-0.01
29) Chrysene-d12	21.300	240	26119	0.40	ng	# 0.00
36) Perylene-d12	23.548	264	25665	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1653	0.11	ng	0.00
5) Phenol-d6	6.903	99	1180	0.06	ng	0.00
8) Nitrobenzene-d5	8.883	82	4344	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.115	152	8769	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	993	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	12667	0.30	ng	0.00
27) Fluoranthene-d10	19.151	212	24084	0.31	ng	0.00
31) Terphenyl-d14	19.757	244	22837	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	199	0.03	ng	# 18
3) n-Nitrosodimethylamine	3.569	42	233	0.05	ng	# 1
25) Phenanthrene	17.164	178	1365	0.02	ng	# 93
32) Benzo(a)anthracene	21.290	228	1717	0.02	ng	# 91
33) Chrysene	21.332	228	1703	0.02	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.237	149	5585	0.15	ng	99
35) Indeno(1,2,3-cd)pyrene	25.811	276	1940	0.02	ng	98
37) Benzo(b)fluoranthene	22.874	252	1883	0.02	ng	# 60
38) Benzo(k)fluoranthene	22.915	252	1743	0.02	ng	# 39
39) Benzo(a)pyrene	23.449	252	1645	0.02	ng	# 49
40) Dibenzo(a,h)anthracene	25.828	278	1618	0.02	ng	# 54
41) Benzo(g,h,i)perylene	26.502	276	1712	0.02	ng	# 74

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

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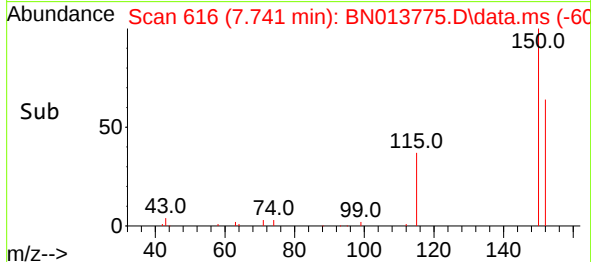
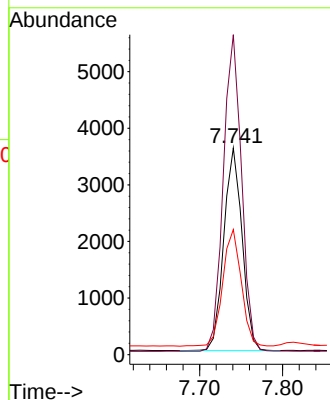
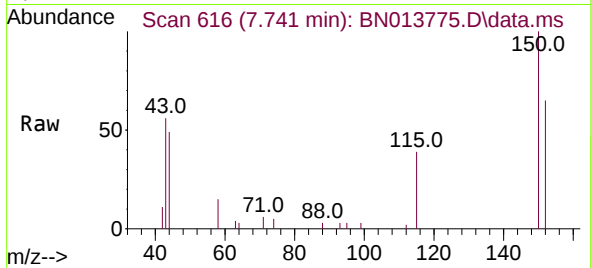




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

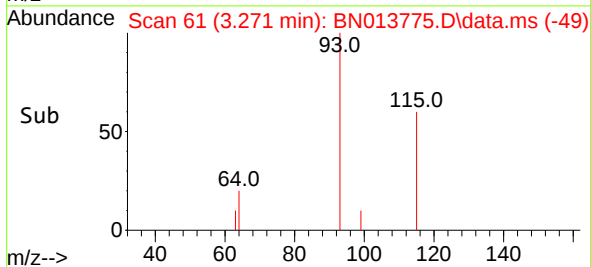
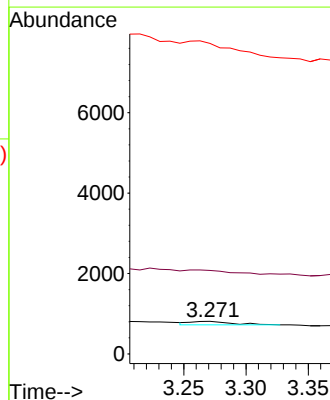
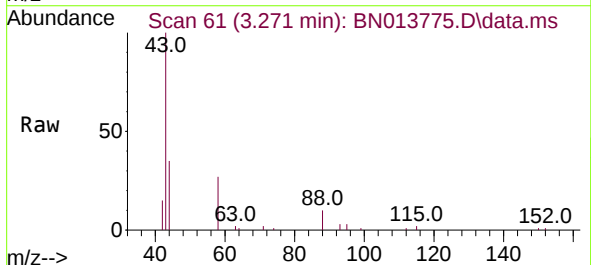
Instrument :
BNA_N
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FB-06-022421

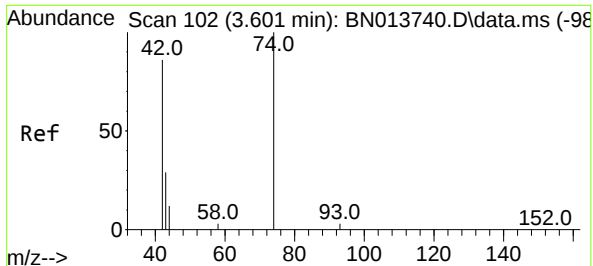
Tgt Ion:152 Resp: 5490
Ion Ratio Lower Upper
152 100
150 154.8 121.8 182.8
115 60.5 46.6 69.8



#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.271 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
58 0.0 64.6 96.8#
43 0.0 26.6 40.0#

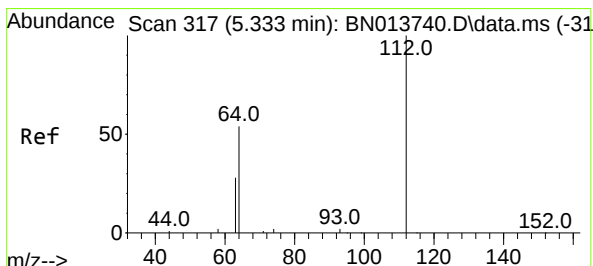
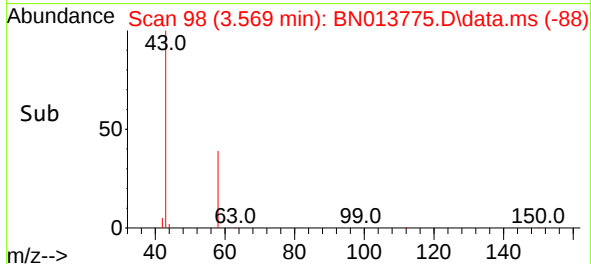
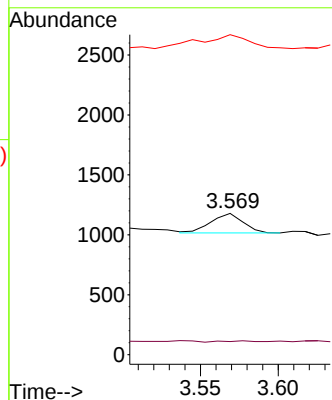
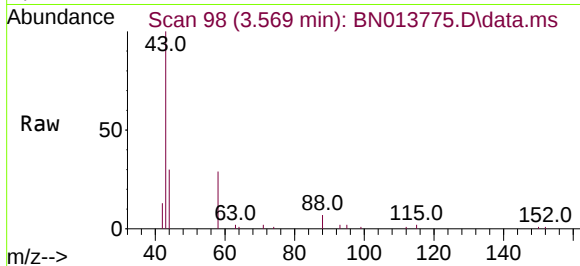




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.569 min Scan# 98
Delta R.T. -0.016 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

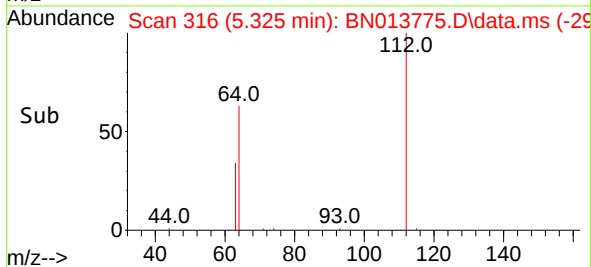
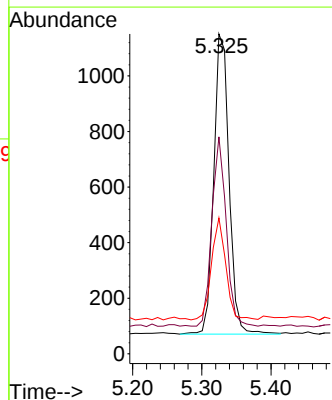
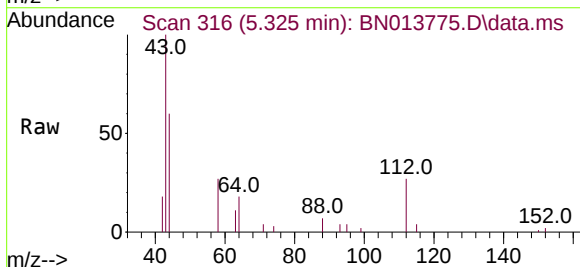
Instrument :
BNA_N
ClientSampleId :
FB-06-022421

Tgt Ion: 42 Resp: 233
Ion Ratio Lower Upper
42 100
74 8.2 95.0 142.6#
44 109.9 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion: 112 Resp: 1653
Ion Ratio Lower Upper
112 100
64 58.9 44.3 66.5
63 32.4 23.0 34.6

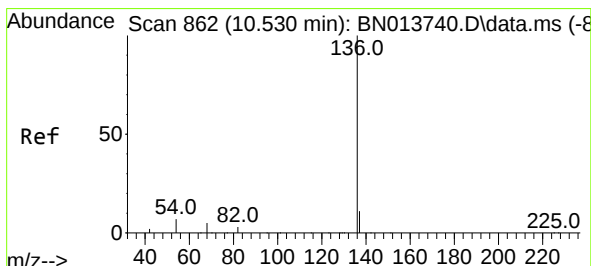
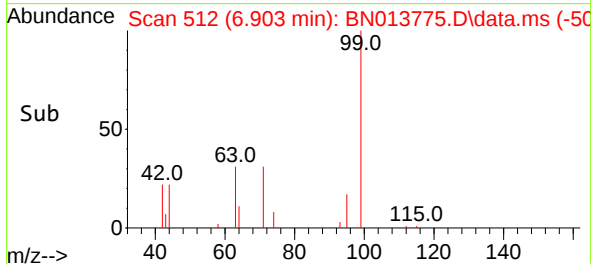
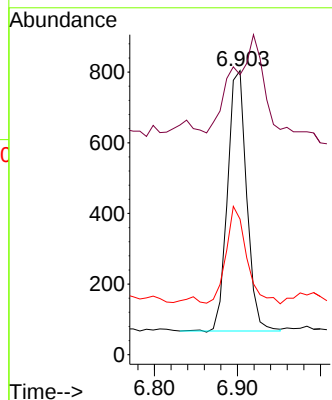
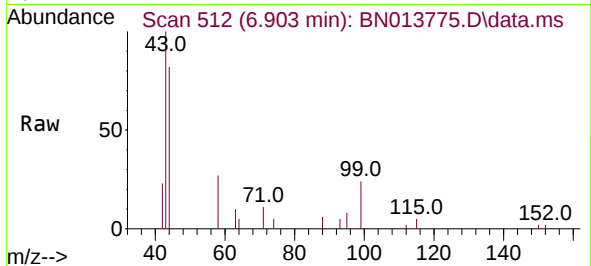




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

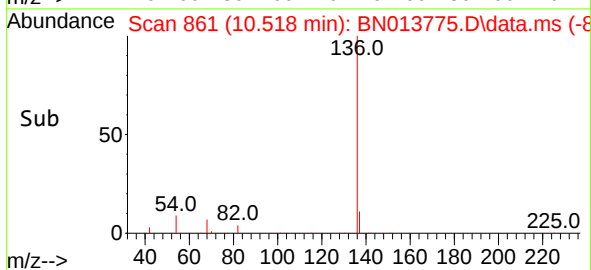
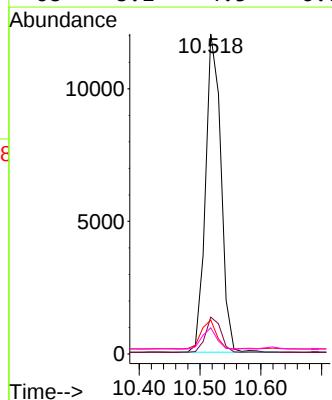
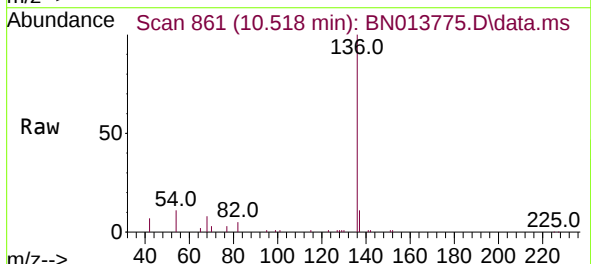
Instrument :
BNA_N
ClientSampleId :
FB-06-022421

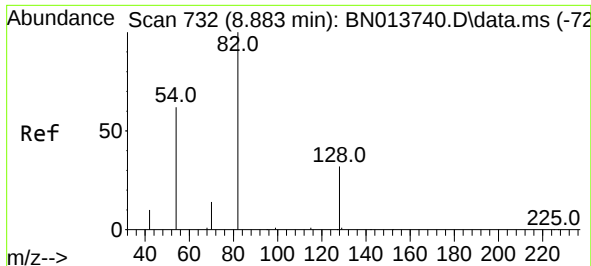
Tgt Ion: 99 Resp: 1180
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 40.3 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion: 136 Resp: 21246
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.6 6.4 9.6#
68 8.1 4.5 6.7#

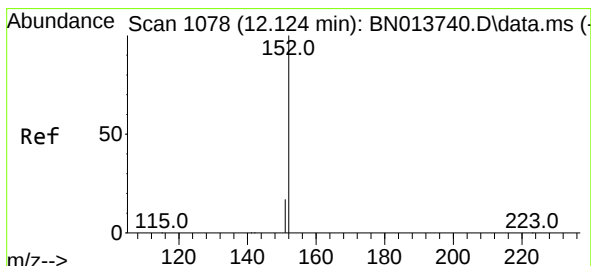
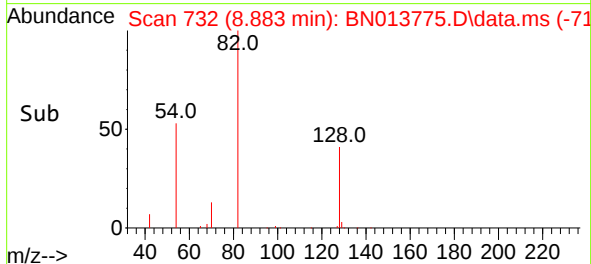
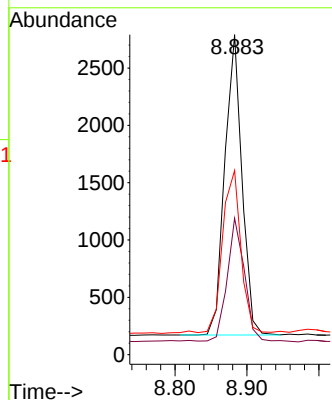
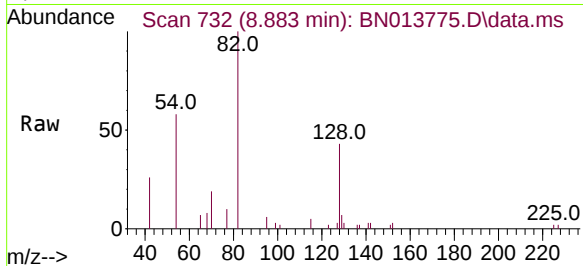




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.883 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

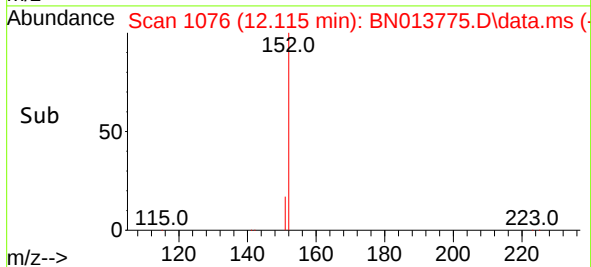
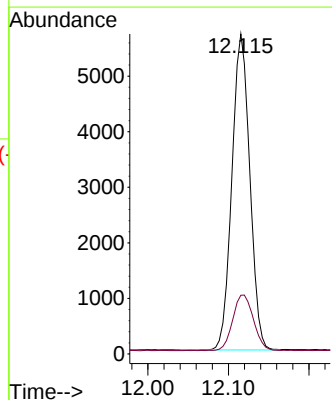
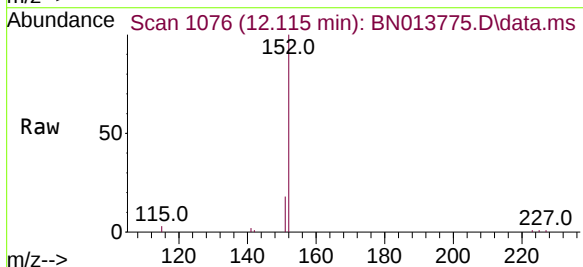
Instrument :
BNA_N
ClientSampleId :
FB-06-022421

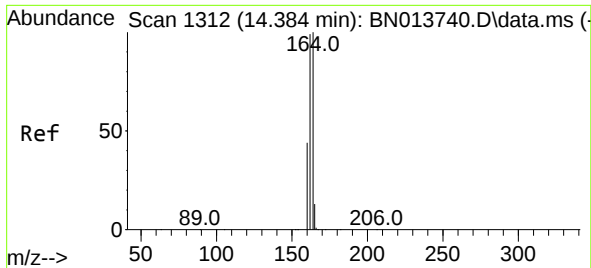
Tgt Ion: 82 Resp: 4344
Ion Ratio Lower Upper
82 100
128 42.6 39.2 58.8
54 57.5 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.004 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion: 152 Resp: 8769
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

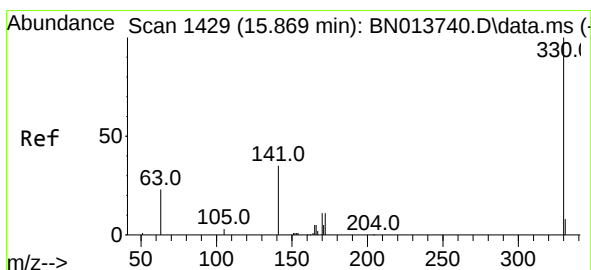
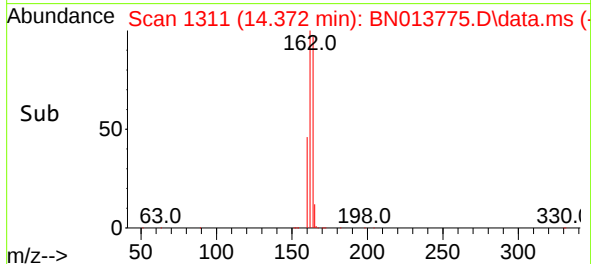
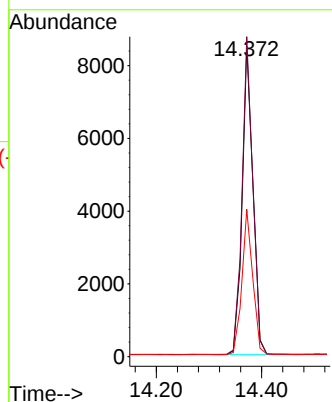
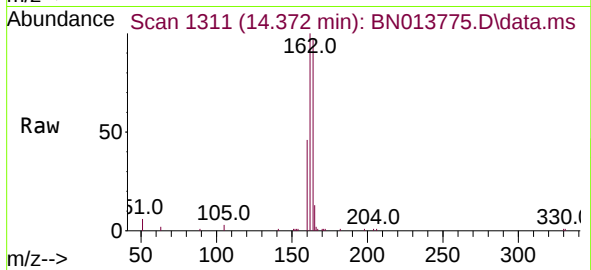




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

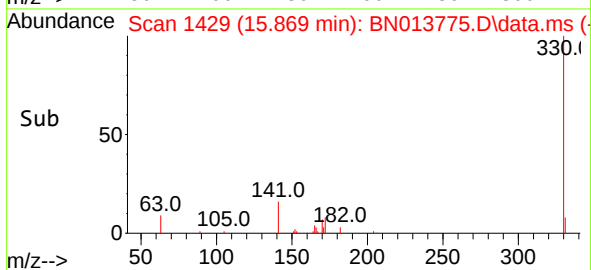
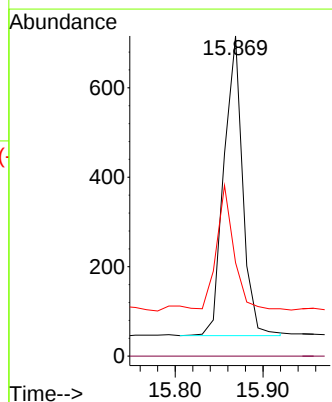
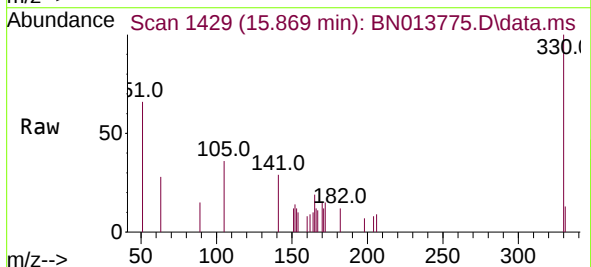
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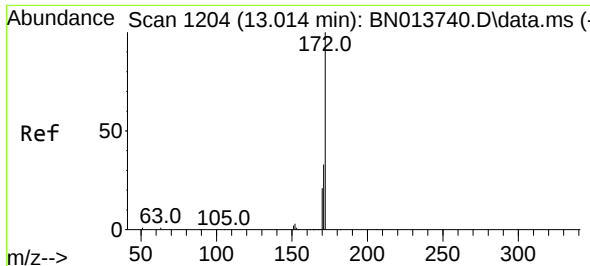
Tgt Ion:164 Resp: 12030
Ion Ratio Lower Upper
164 100
162 103.1 79.6 119.4
160 47.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:330 Resp: 993
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 26.8 40.2

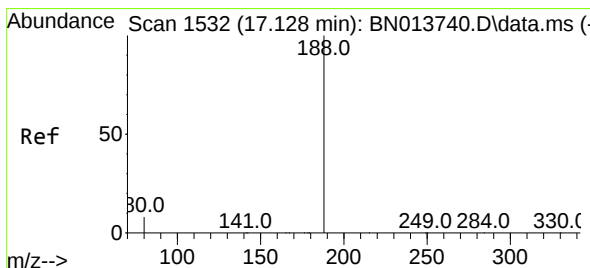
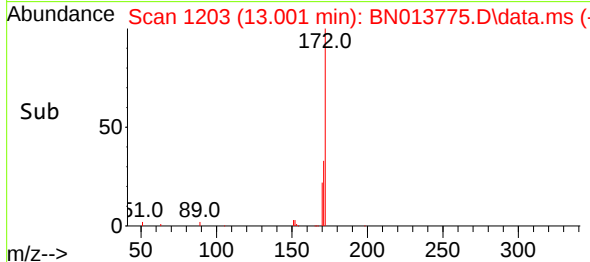
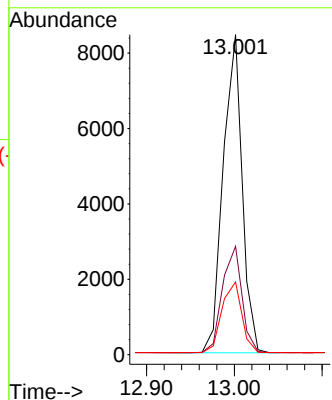
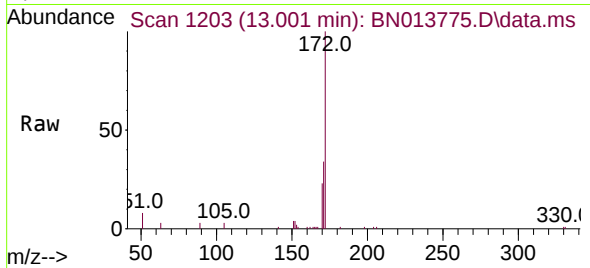




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.001 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

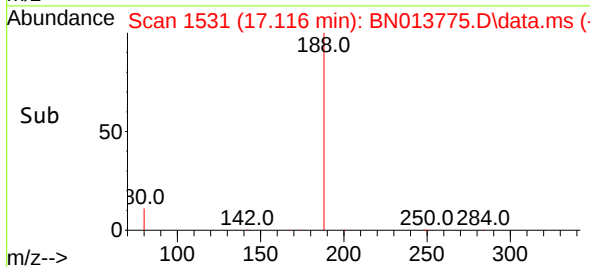
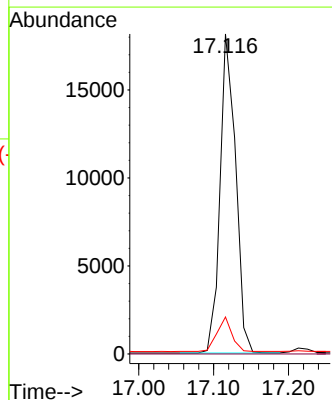
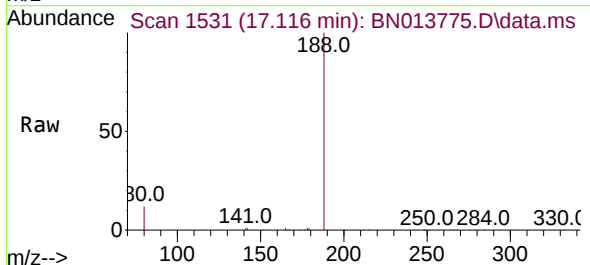
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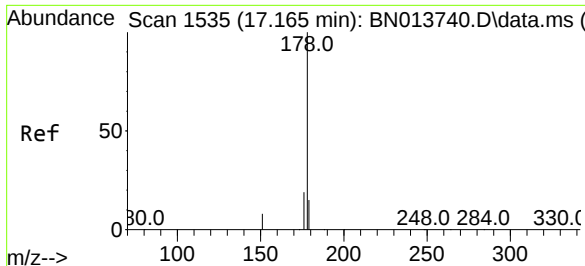
Tgt Ion:172	Resp:	12667
Ion Ratio	Lower	Upper
172	100	
171	33.9	28.6 42.8
170	22.7	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:188	Resp:	26151
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.6	9.0 13.6

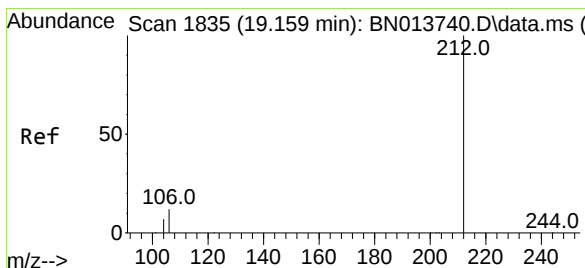
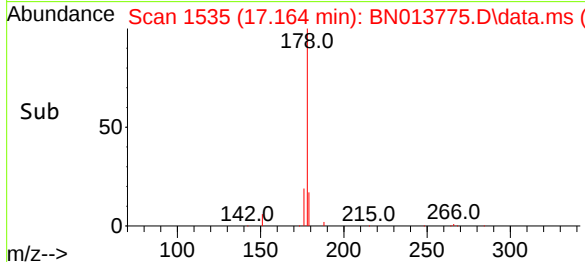
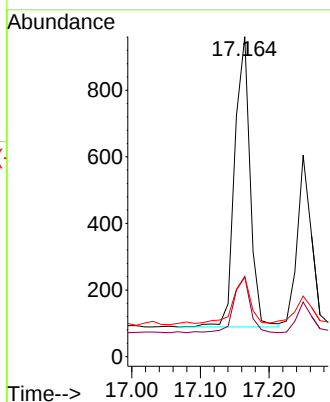
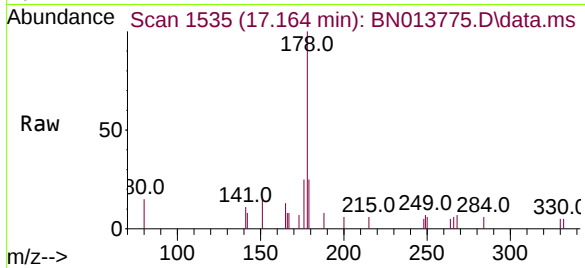




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.164 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

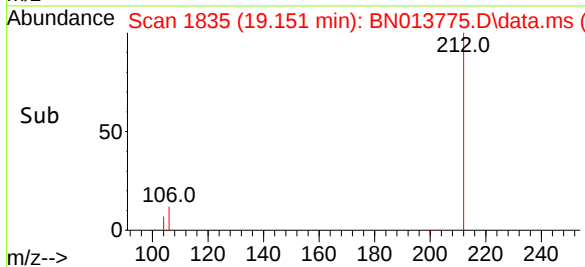
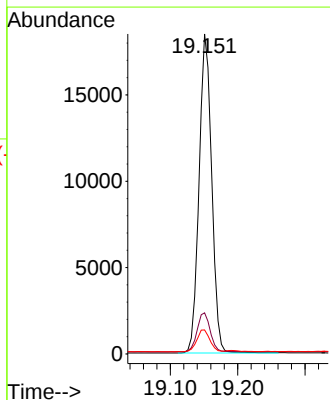
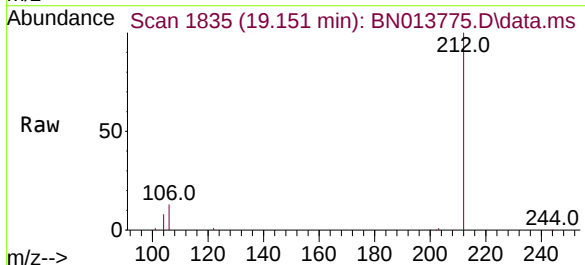
Instrument :
BNA_N
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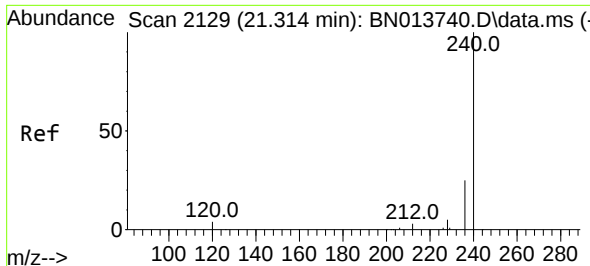
Tgt Ion:178 Resp: 1365
Ion Ratio Lower Upper
178 100
176 20.5 15.0 22.4
179 20.1 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:212 Resp: 24084
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.1 5.5 8.3

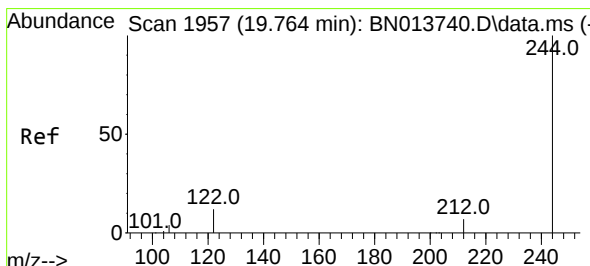
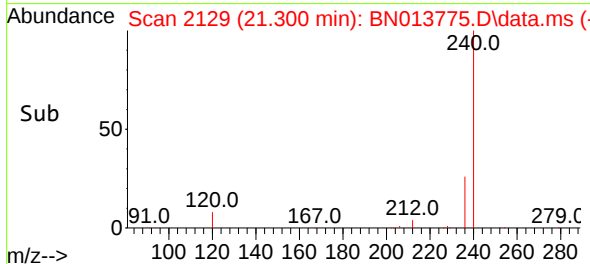
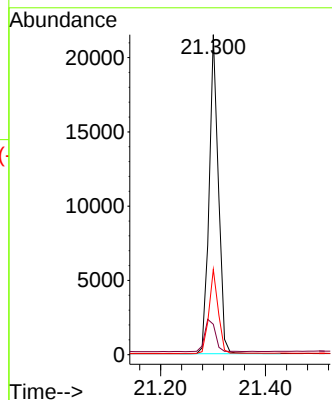
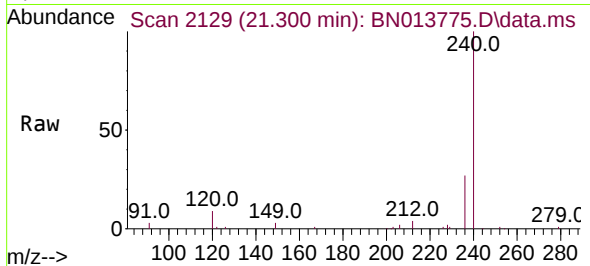




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

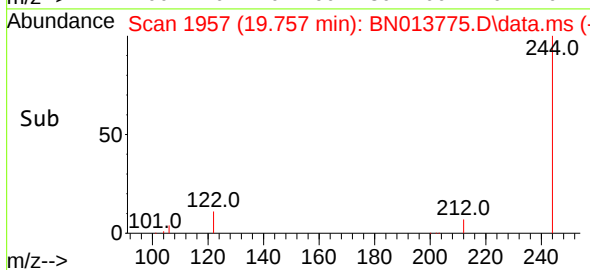
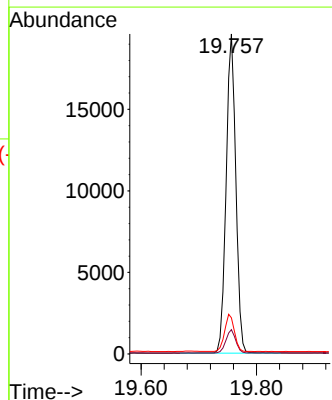
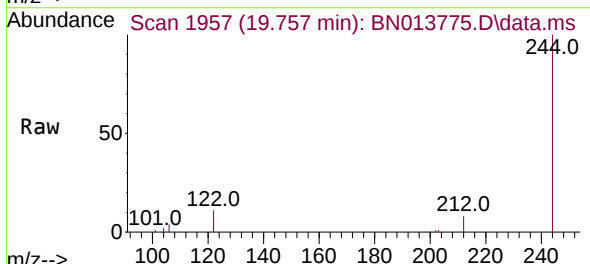
Instrument :
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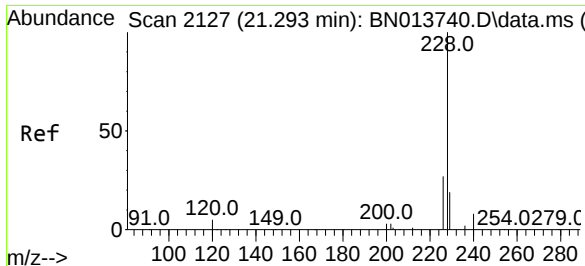
Tgt Ion:240 Resp: 26119
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 26.7 21.3 31.9



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.757 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:244 Resp: 22837
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.3 9.8 14.8

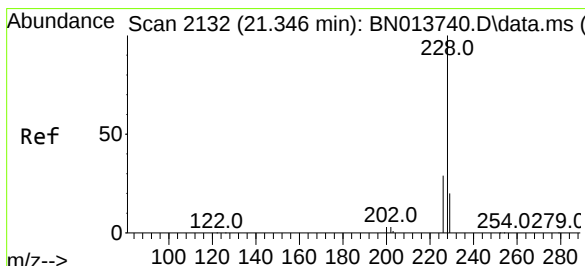
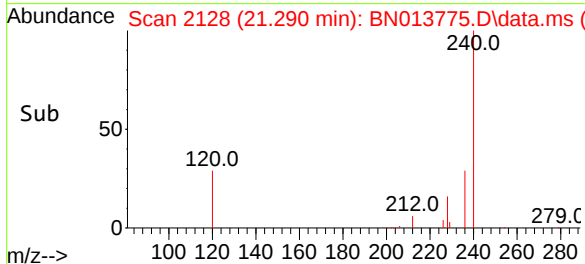
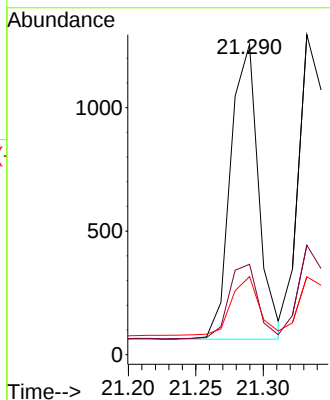
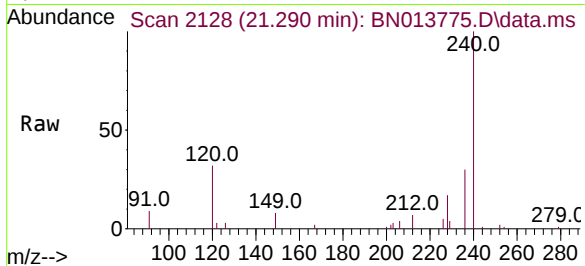




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.290 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

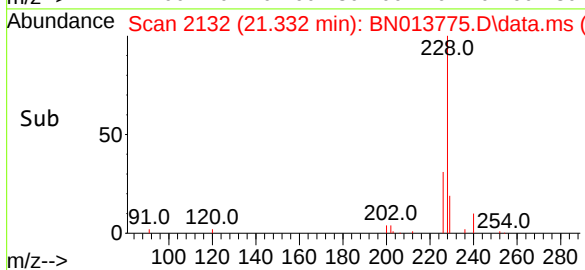
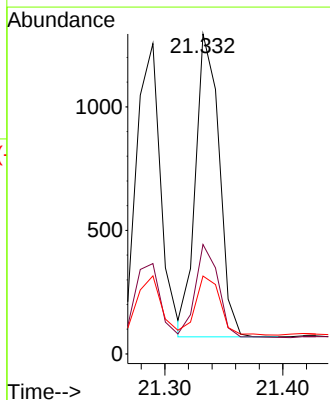
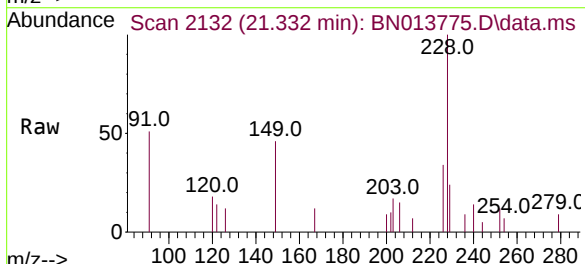
Instrument :
BNA_N
ClientSampleId :
FB-06-022421

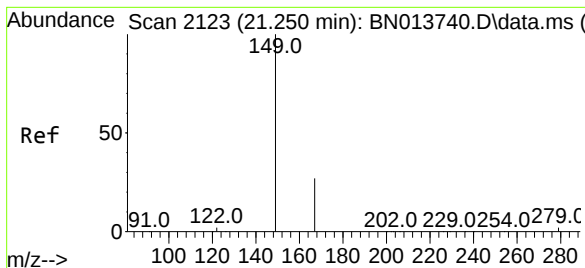
Tgt Ion:228 Resp: 1717
Ion Ratio Lower Upper
228 100
226 29.1 20.5 30.7
229 25.2 16.2 24.4#



#33
Chrysene
Concen: 0.02 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:228 Resp: 1703
Ion Ratio Lower Upper
228 100
226 34.2 24.3 36.5
229 24.3 15.1 22.7#

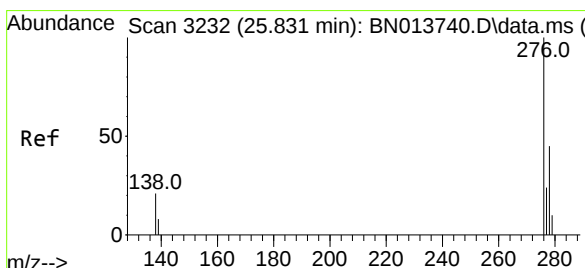
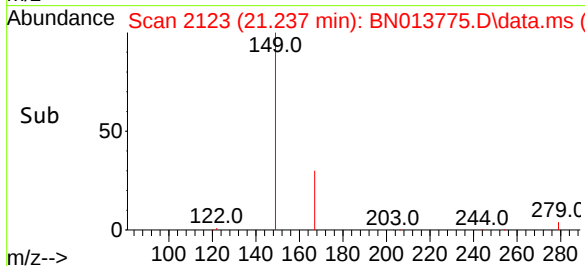
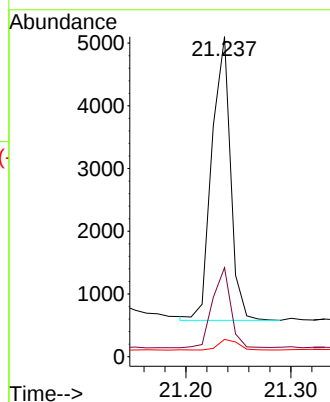
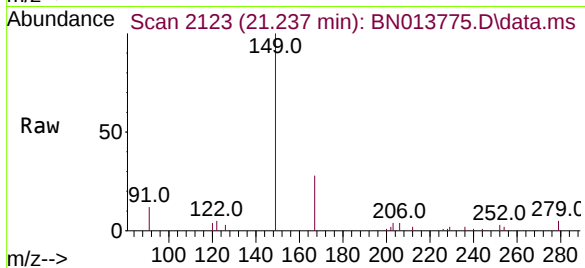




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.237 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

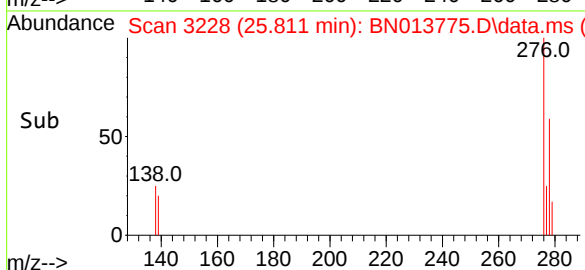
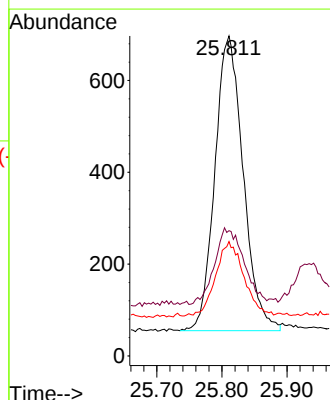
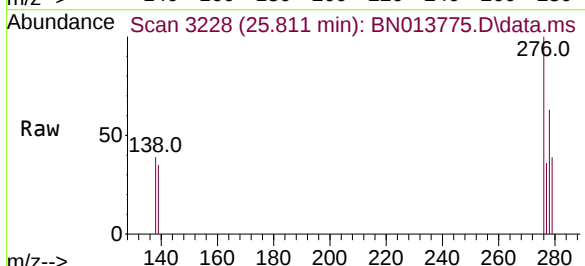
Instrument :
BNA_N
ClientSampleId :
FB-06-022421

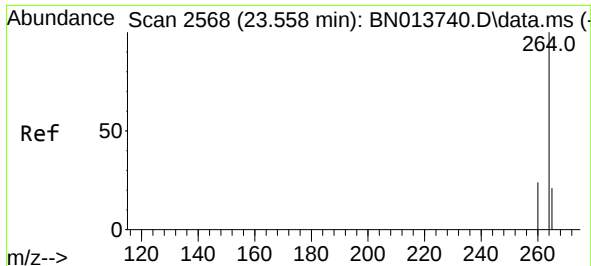
Tgt Ion:	149	Resp:	5585
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.1	33.1
279	4.1	3.5	5.3



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.811 min Scan# 3228
Delta R.T. -0.007 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:	276	Resp:	1940
Ion Ratio	Lower	Upper	
276	100		
138	26.9	19.8	29.6
277	25.1	19.9	29.9

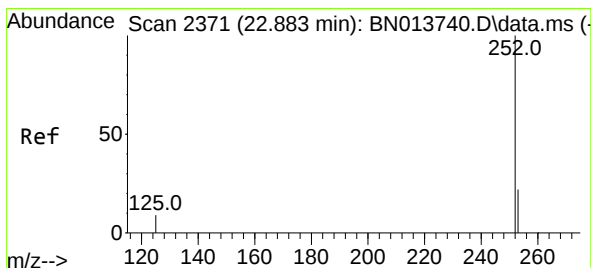
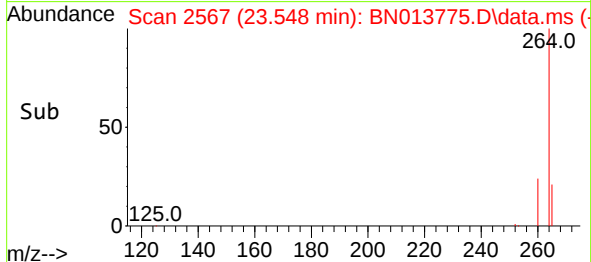
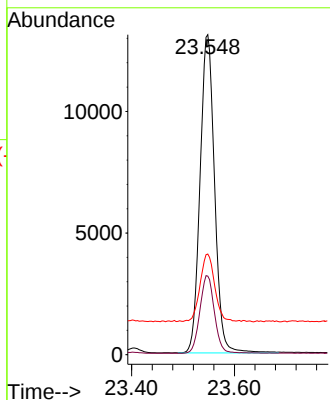
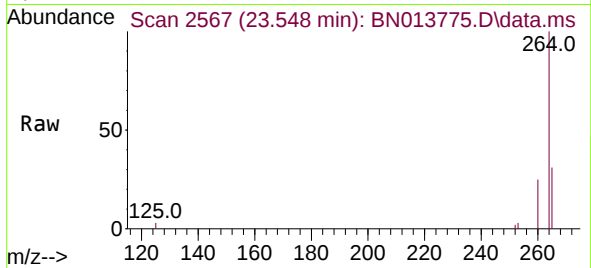




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.548 min Scan# 2567
 Delta R.T. -0.003 min
 Lab File: BN013775.D
 Acq: 25 Feb 2021 19:12

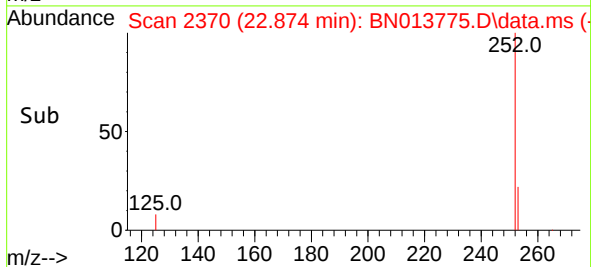
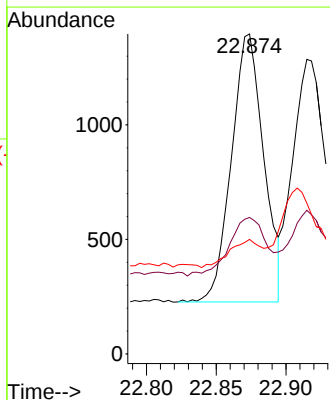
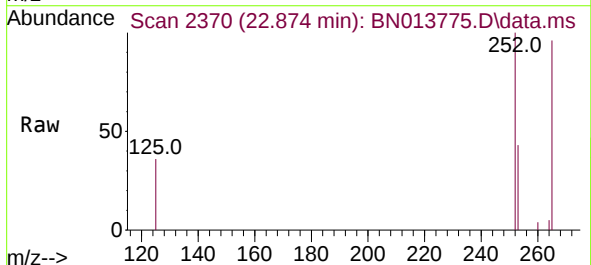
Instrument :
 BNA_N
 ClientSampleId :
 FB-06-022421

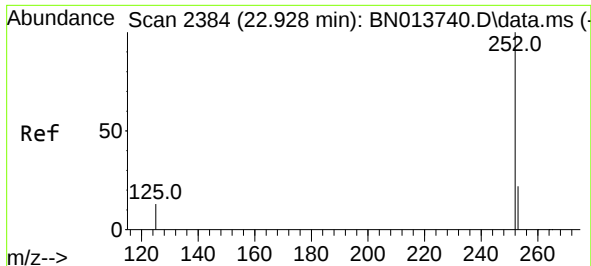
Tgt Ion:264	Resp:	25665
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	31.5	66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.874 min Scan# 2370
 Delta R.T. -0.003 min
 Lab File: BN013775.D
 Acq: 25 Feb 2021 19:12

Tgt Ion:252	Resp:	1883
Ion Ratio	Lower	Upper
252	100	
253	42.7	20.4 30.6#
125	35.8	11.6 17.4#

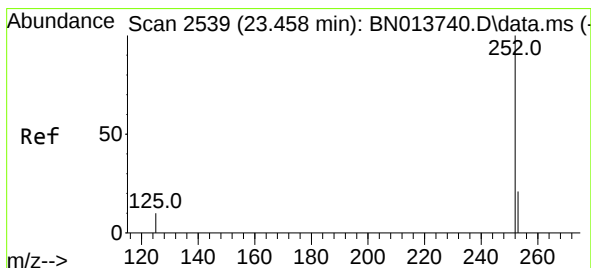
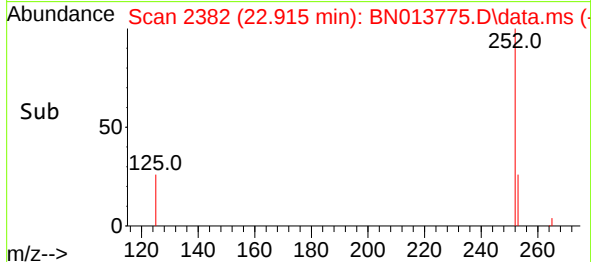
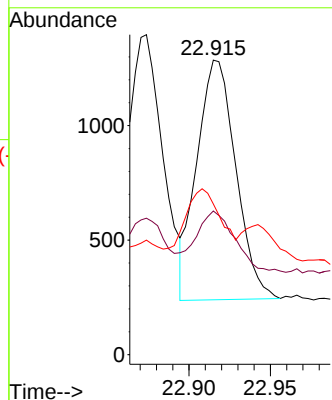
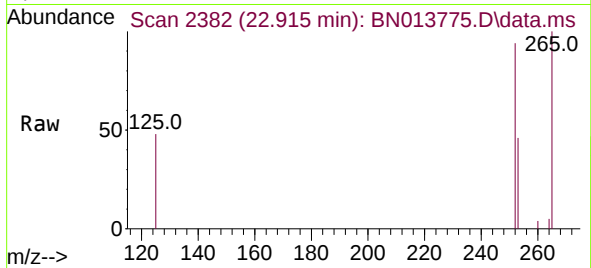




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.915 min Scan# 2382
Delta R.T. -0.007 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

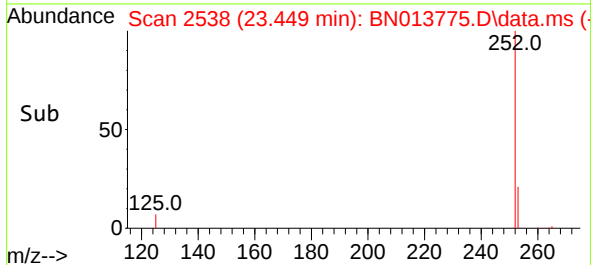
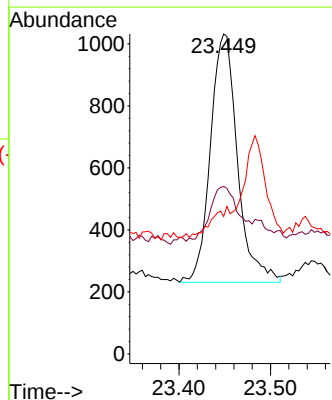
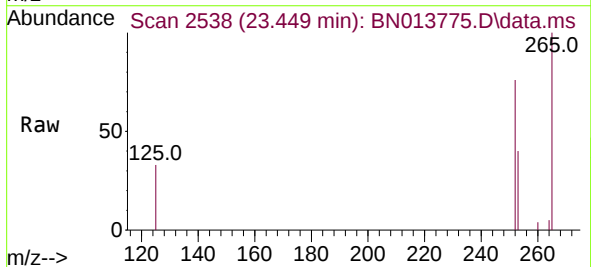
Instrument :
BNA_N
ClientSampleId :
FB-06-022421

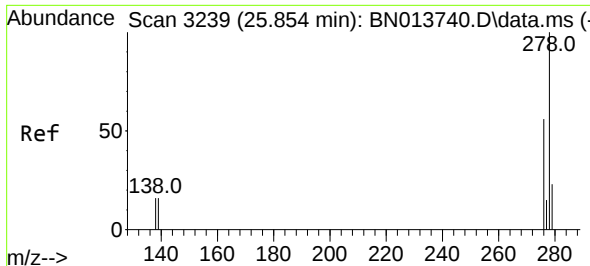
Tgt Ion:252 Resp: 1743
Ion Ratio Lower Upper
252 100
253 48.8 20.5 30.7#
125 51.2 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.449 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:252 Resp: 1645
Ion Ratio Lower Upper
252 100
253 52.3 21.8 32.6#
125 43.0 14.6 21.8#

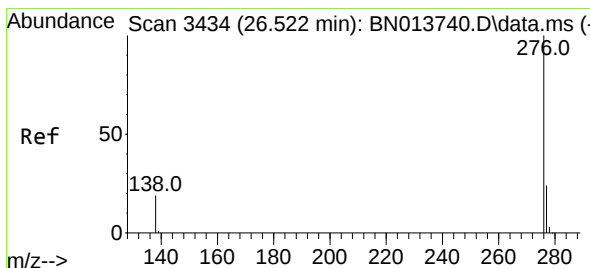
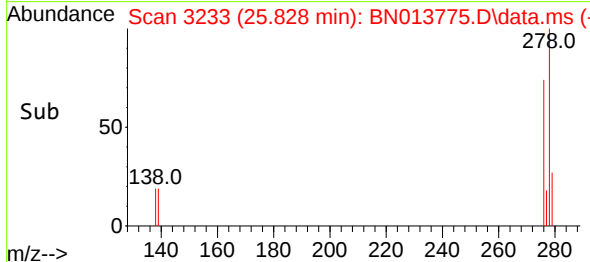
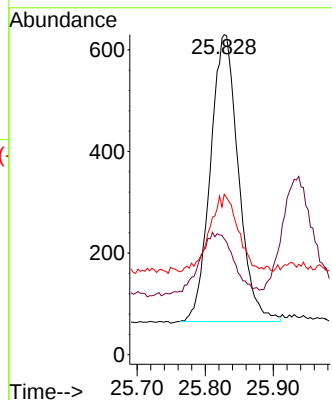
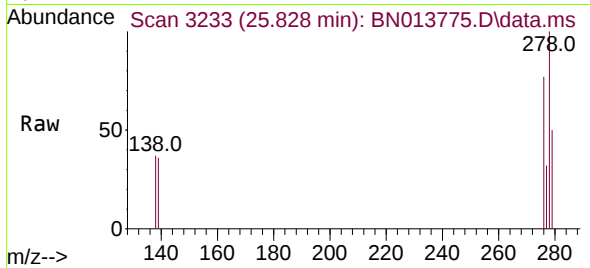




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.828 min Scan# 3233
Delta R.T. -0.010 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Instrument :
BNA_N
ClientSampleId :
FB-06-022421

Tgt Ion:278 Resp: 1618
Ion Ratio Lower Upper
278 100
139 36.2 13.1 19.7#
279 50.2 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.502 min Scan# 3430
Delta R.T. -0.007 min
Lab File: BN013775.D
Acq: 25 Feb 2021 19:12

Tgt Ion:276 Resp: 1712
Ion Ratio Lower Upper
276 100
277 36.5 20.0 30.0#
138 36.7 17.8 26.8#

