

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
 Data File : BN013682.D
 Acq On : 19 Feb 2021 14:21
 Operator : CG/JU
 Sample : M1448-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 14:55:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

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

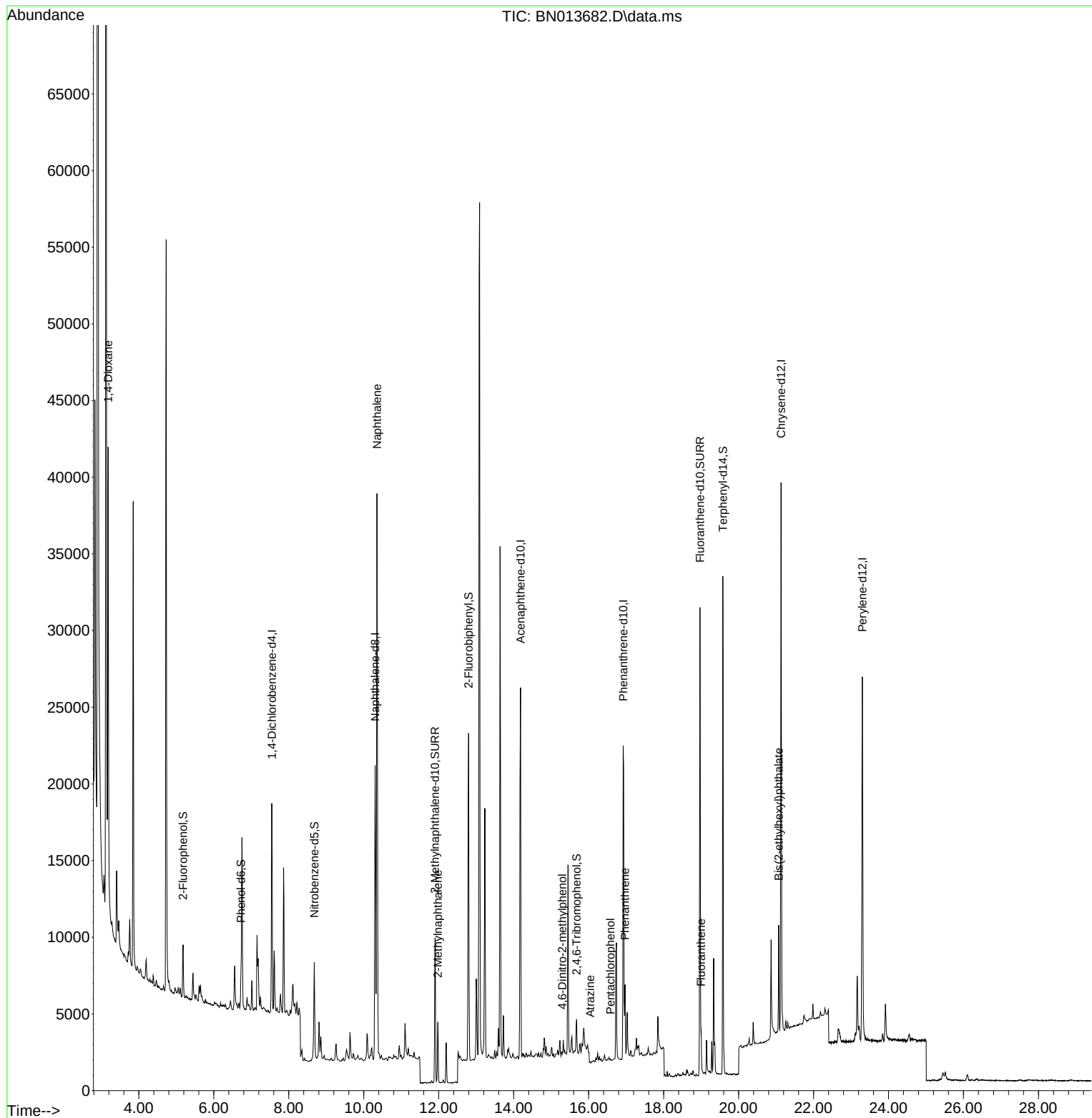
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	6166	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	24904	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	14514	0.40	ng	0.00
19) Phenanthrene-d10	16.922	188	31258	0.40	ng	-0.01
29) Chrysene-d12	21.133	240	31985	0.40	ng	0.00
36) Perylene-d12	23.301	264	30084	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	2666	0.20	ng	0.00
5) Phenol-d6	6.726	99	2158	0.13	ng	0.00
8) Nitrobenzene-d5	8.680	82	4840	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	12743	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1723	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	18861	0.35	ng	0.00
27) Fluoranthene-d10	18.970	212	33156	0.39	ng	0.00
31) Terphenyl-d14	19.581	244	30281	0.43	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.182	88	17176	2.49	ng	94
9) Naphthalene	10.353	128	44629	0.73	ng	100
12) 2-Methylnaphthalene	11.977	142	2940	0.07	ng	98
20) 4,6-Dinitro-2-methylph...	15.298	198	72	0.17	ng	# 1
23) Atrazine	16.045	200	211	0.02	ng	# 1
24) Pentachlorophenol	16.581	266	47	0.21	ng	89
25) Phenanthrene	16.970	178	4716	0.06	ng	# 96
28) Fluoranthene	19.000	202	2206	0.02	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.070	149	5673	0.23	ng	99

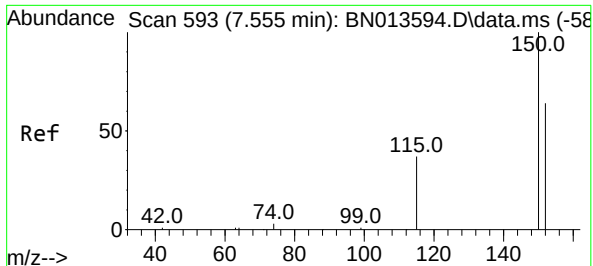
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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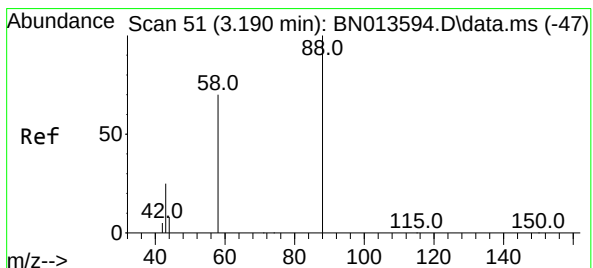
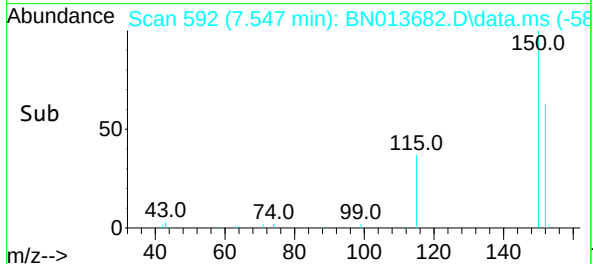
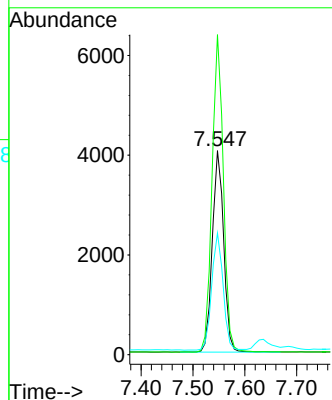
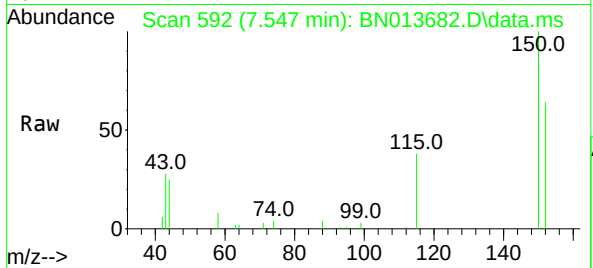




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

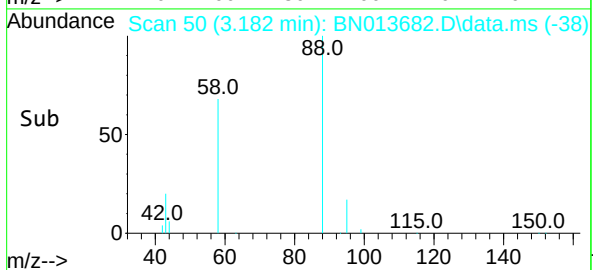
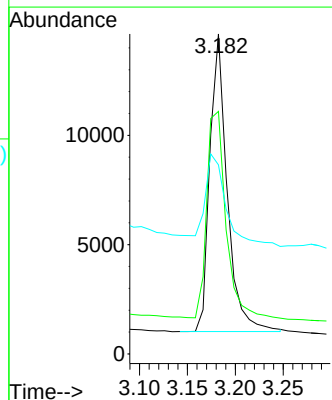
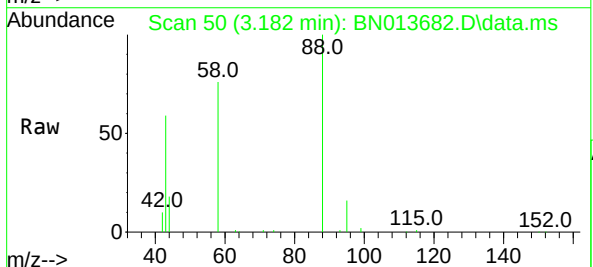
Instrument :
BNA_N
ClientSampled :

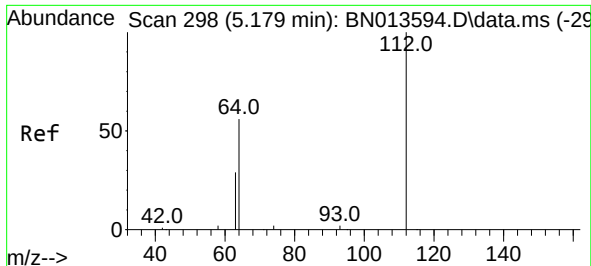
Tgt Ion:152 Resp: 6166
Ion Ratio Lower Upper
152 100
150 156.9 121.8 182.8
115 59.7 46.6 69.8



#2
1,4-Dioxane
Concen: 2.49 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion: 88 Resp: 17176
Ion Ratio Lower Upper
88 100
58 76.6 64.6 96.8
43 38.5 26.6 40.0

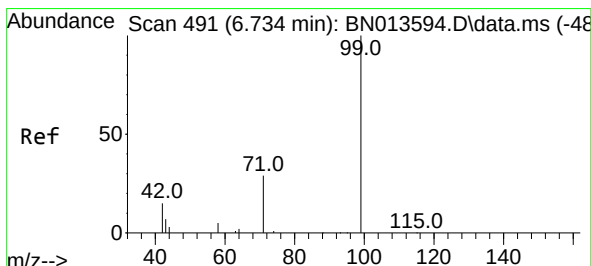
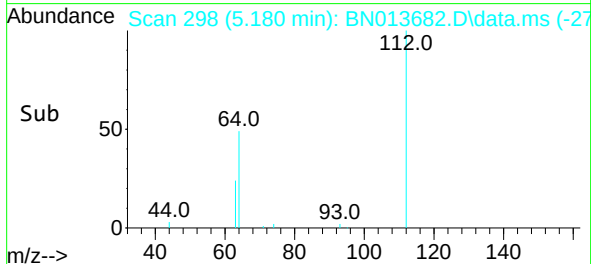
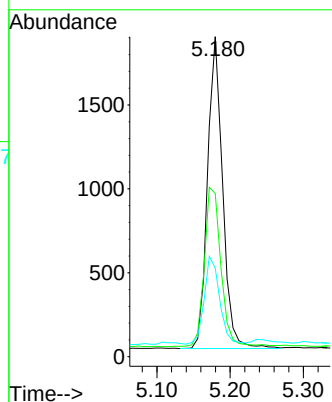
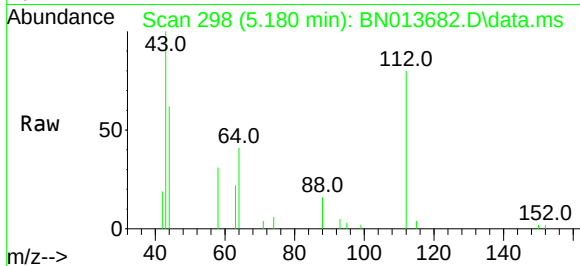




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

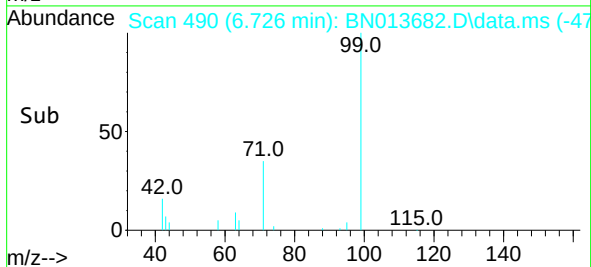
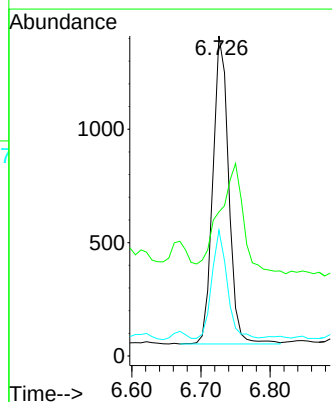
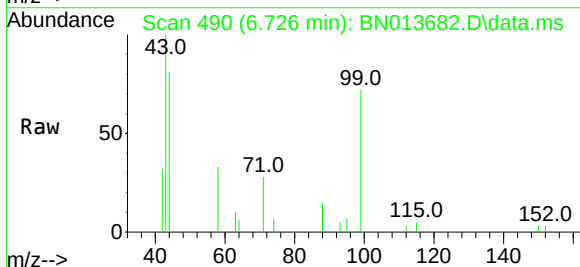
Instrument :
BNA_N
ClientSampleId :

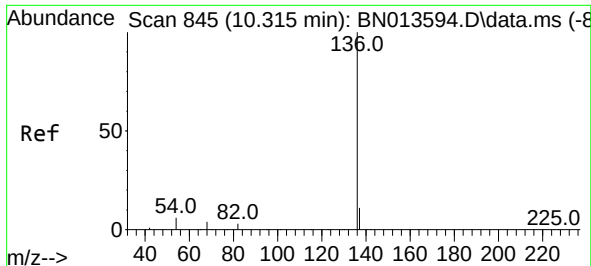
Tgt Ion:112 Resp: 2666
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 28.7 23.0 34.6



#5
Phenol-d6
Concen: 0.13 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

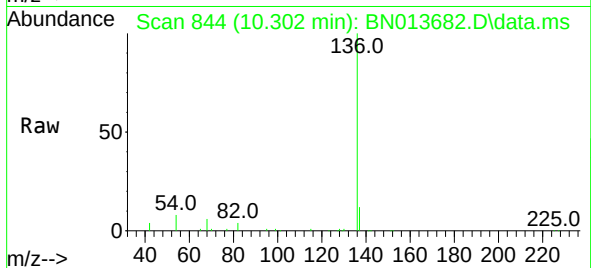
Tgt Ion: 99 Resp: 2158
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 34.0 26.1 39.1



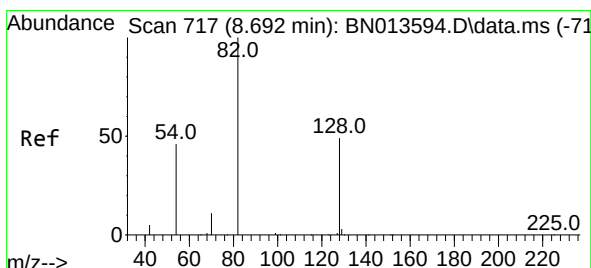
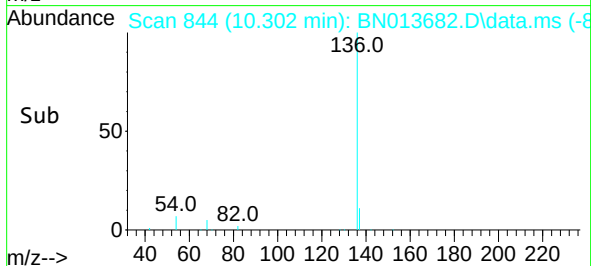
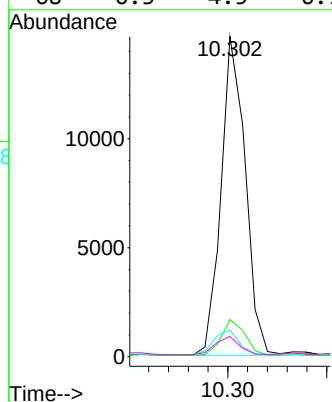


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Instrument :
BNA_N
ClientSampleId :

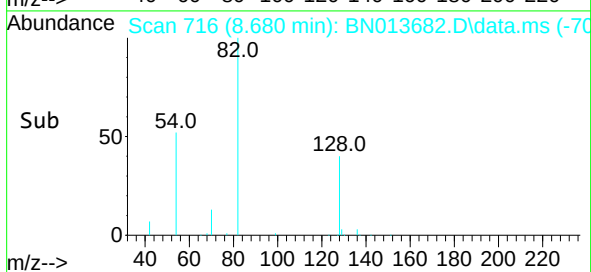
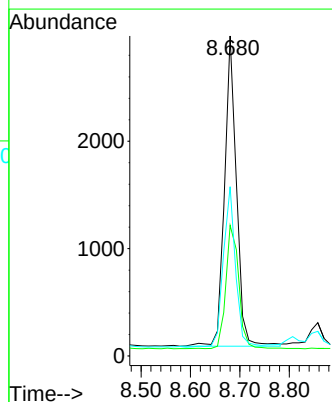
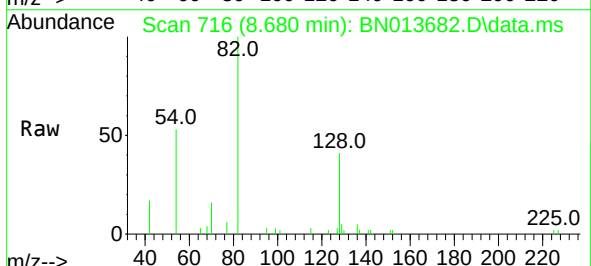


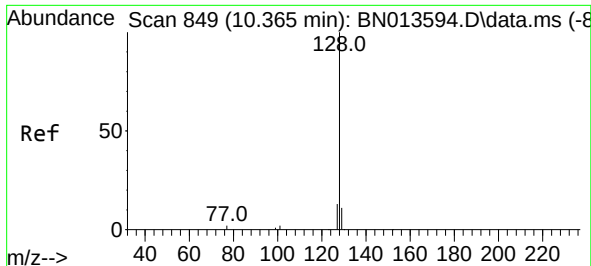
Tgt Ion:136	Resp:	24904
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.6
54	8.3	6.4 9.6
68	6.3	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion: 82	Resp:	4840
Ion Ratio	Lower	Upper
82	100	
128	40.8	39.2 58.8
54	52.9	40.1 60.1

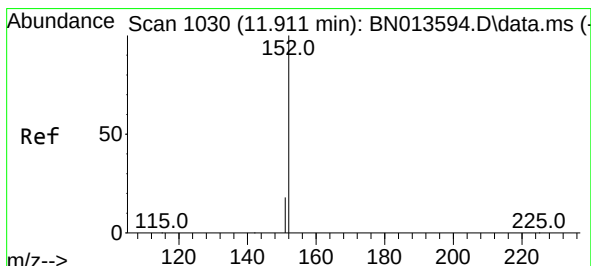
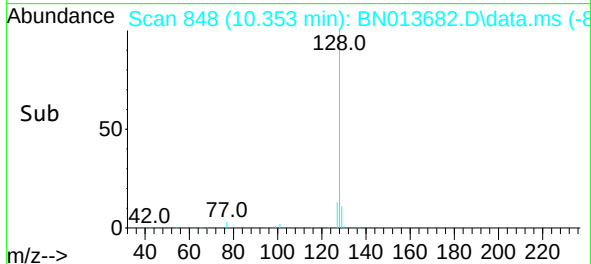
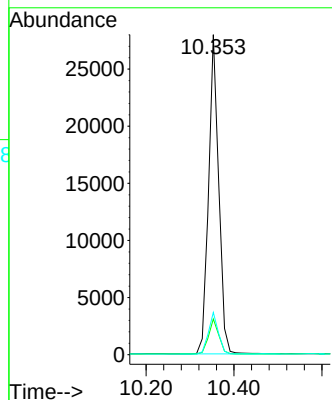
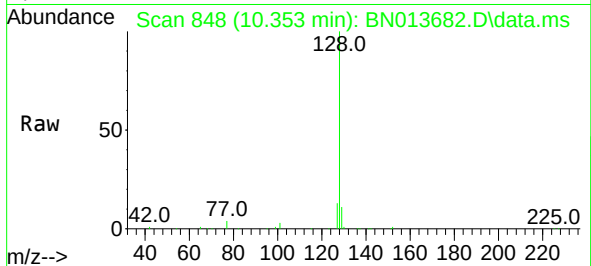




#9
Naphthalene
Concen: 0.73 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

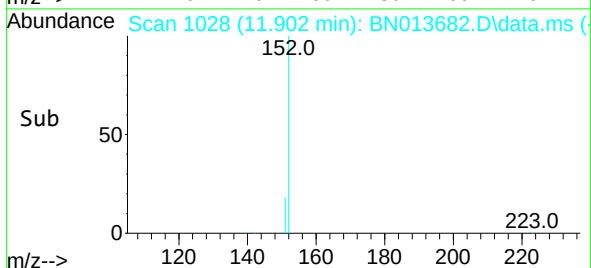
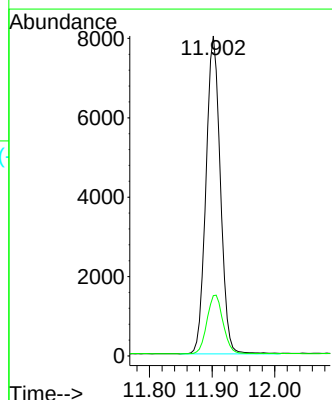
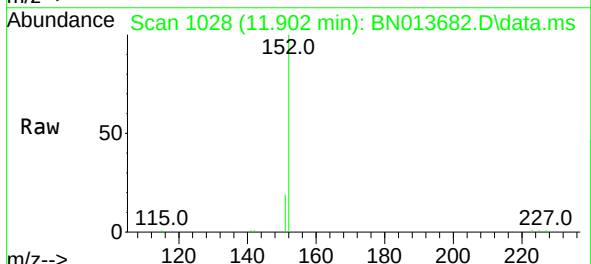
Instrument :
BNA_N
ClientSampleId :

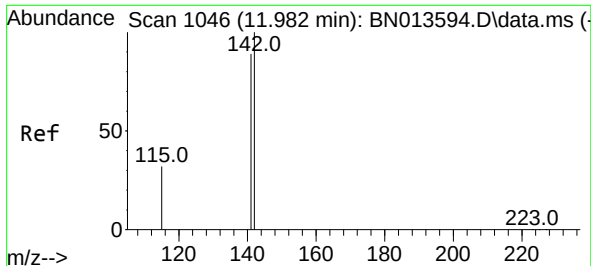
Tgt Ion:128 Resp: 44629
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:152 Resp: 12743
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2

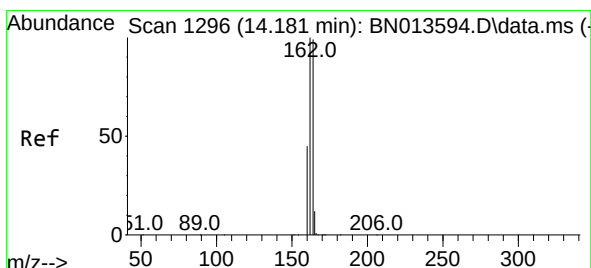
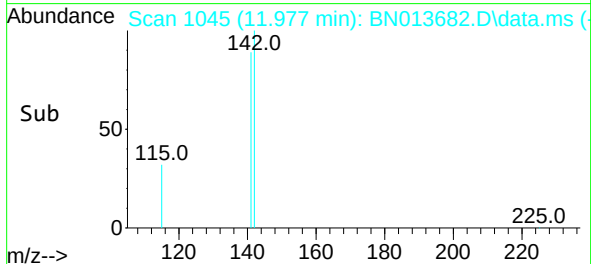
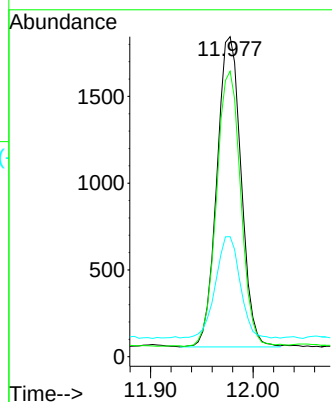
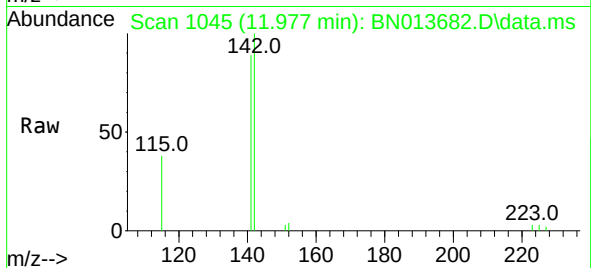




#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

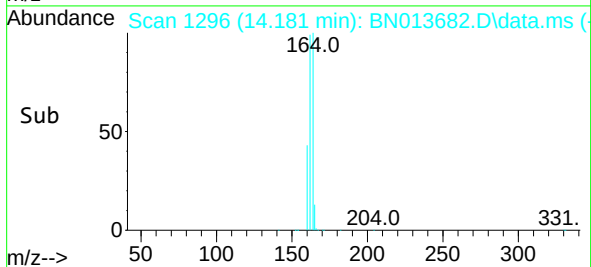
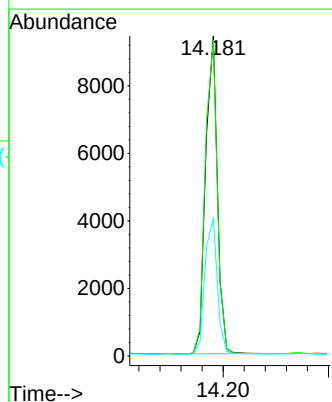
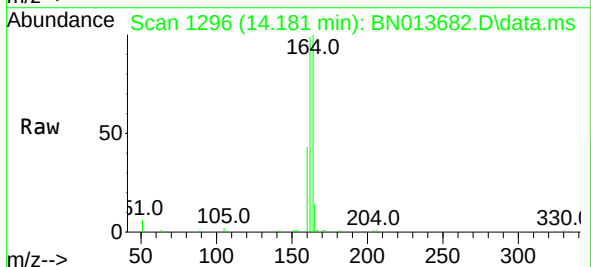
Instrument :
BNA_N
ClientSampleId :

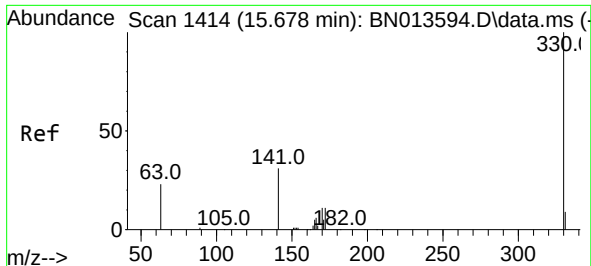
Tgt Ion:142 Resp: 2940
Ion Ratio Lower Upper
142 100
141 89.2 70.5 105.7
115 37.5 27.4 41.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:164 Resp: 14514
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 42.9 36.0 54.0

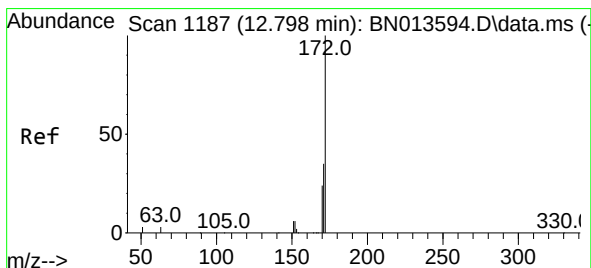
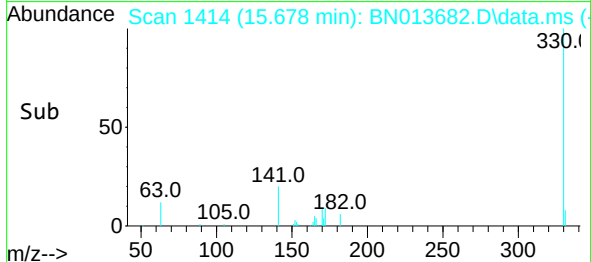
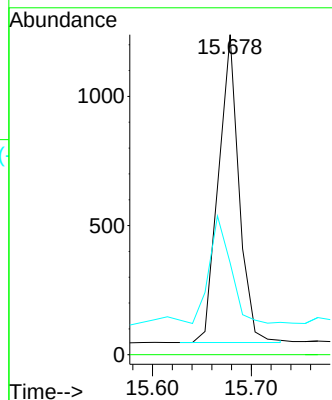
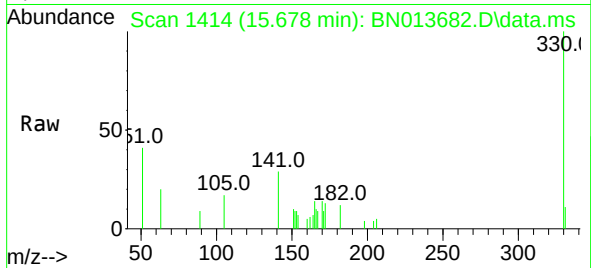




#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

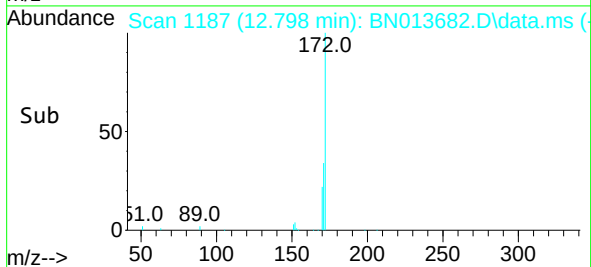
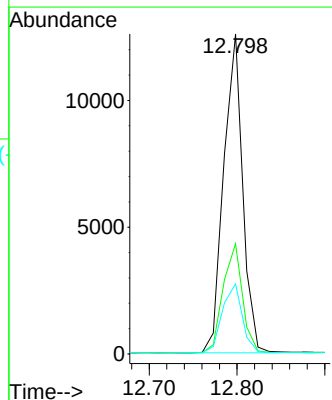
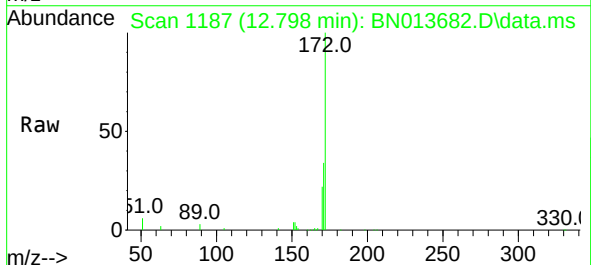
Instrument :
BNA_N
ClientSampleId :

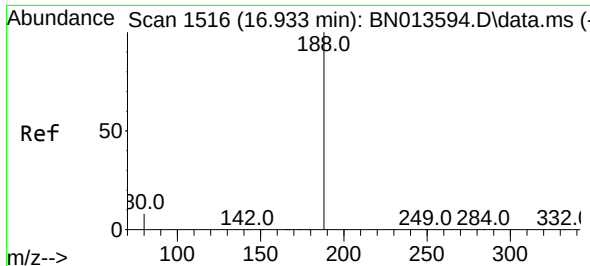
Tgt Ion:330 Resp: 1723
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.9 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:172 Resp: 18861
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 21.9 18.9 28.3

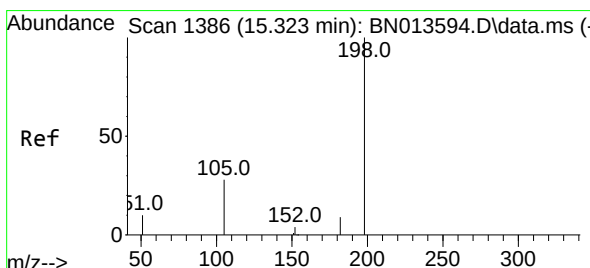
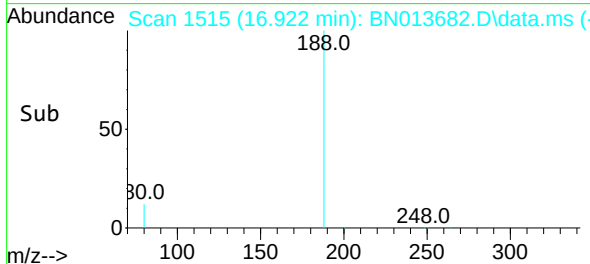
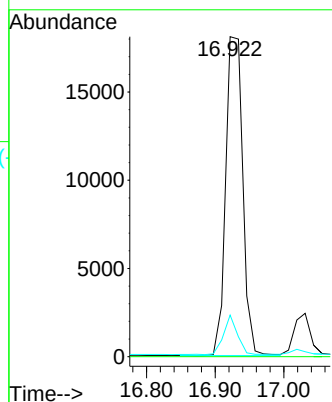
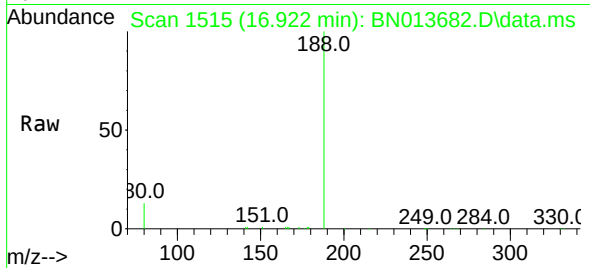




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.922 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

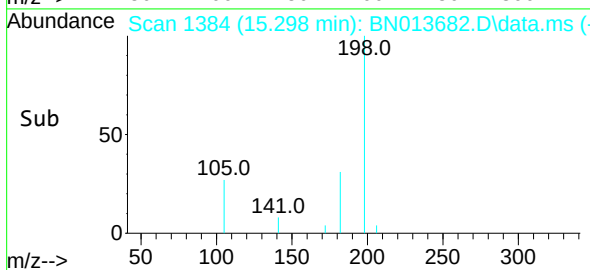
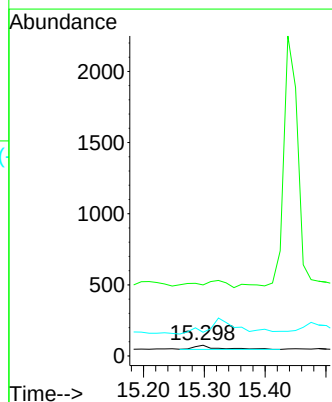
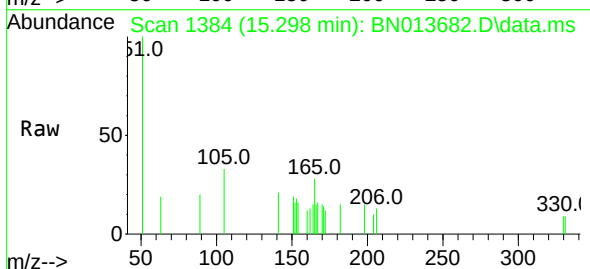
Instrument :
BNA_N
ClientSampleId :

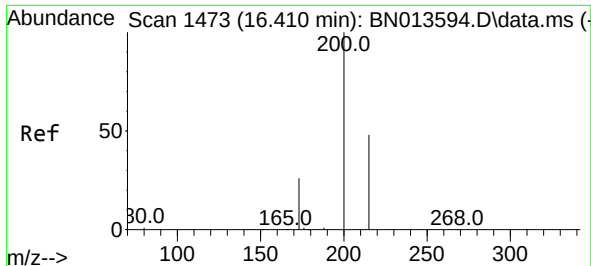
Tgt Ion:188 Resp: 31258
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 9.0 13.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.025 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
51 657.9 61.7 92.5#
105 219.7 33.0 49.6#

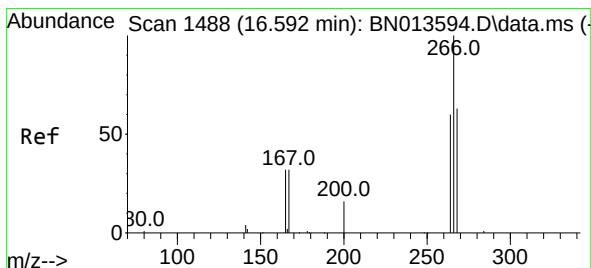
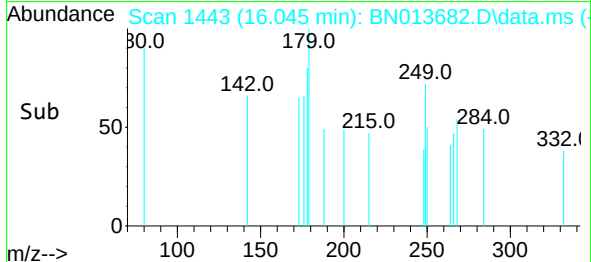
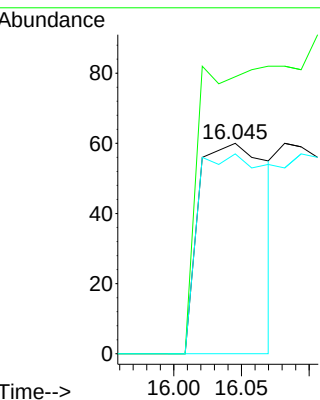
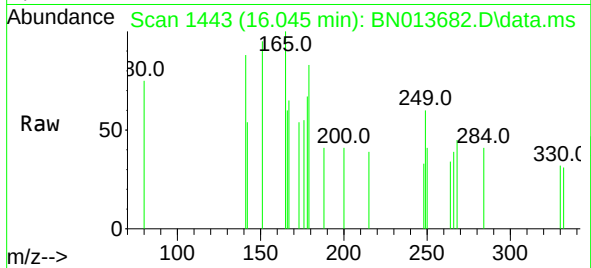




#23
Atrazine
Concen: 0.02 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.365 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

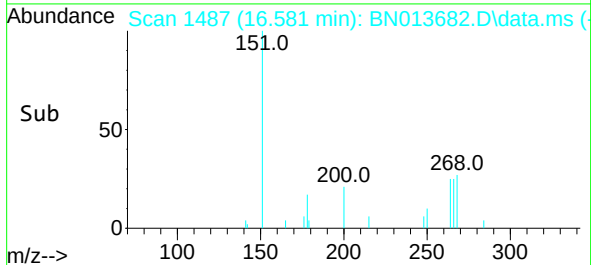
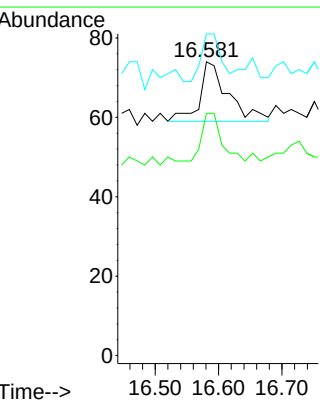
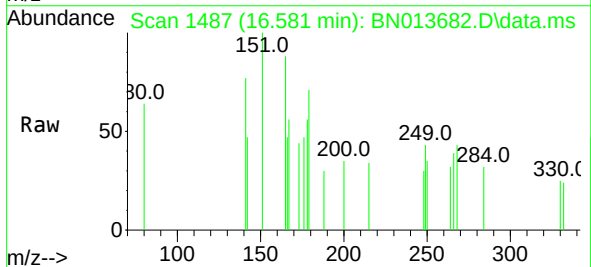
Instrument :
BNA_N
ClientSampleId :

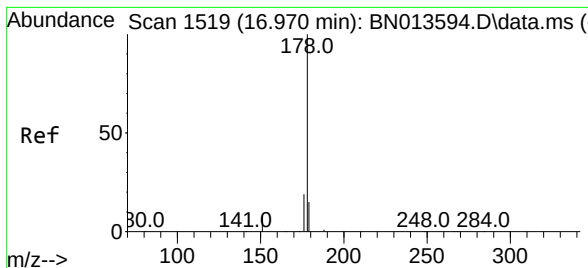
Tgt Ion:200 Resp: 211
Ion Ratio Lower Upper
200 100
173 131.7 18.6 28.0#
215 95.0 41.0 61.6#



#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.581 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 59.6 51.6 77.4
268 55.3 54.6 82.0

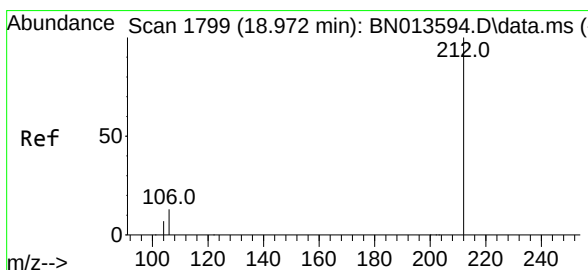
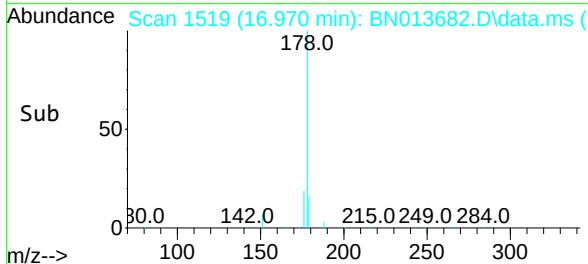
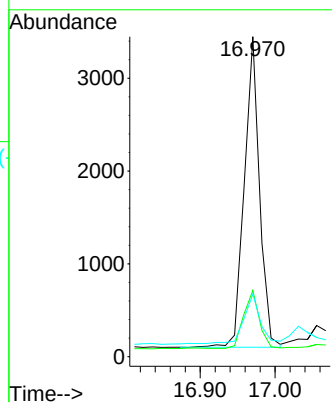
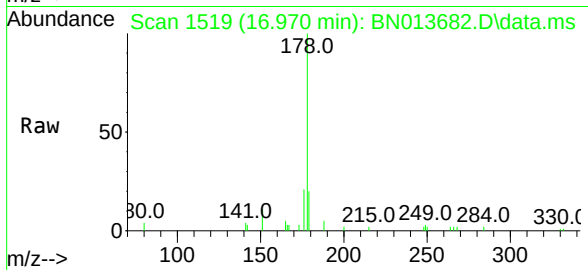




#25
Phenanthrene
Concen: 0.06 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

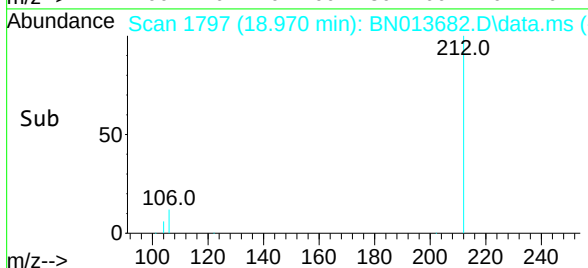
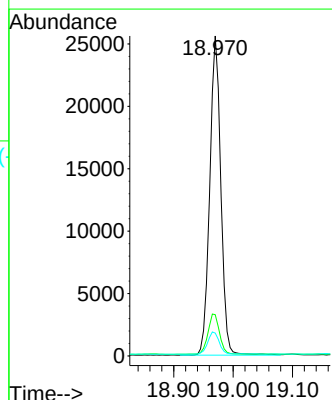
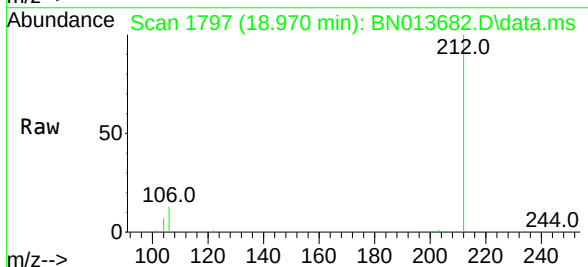
Instrument :
BNA_N
ClientSampleId :

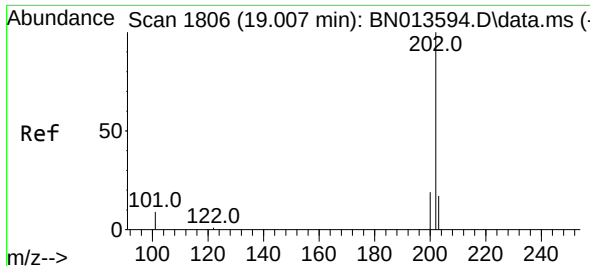
Tgt Ion:178 Resp: 4716
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 18.6 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:212 Resp: 33156
Ion Ratio Lower Upper
212 100
106 13.3 9.7 14.5
104 7.2 5.5 8.3

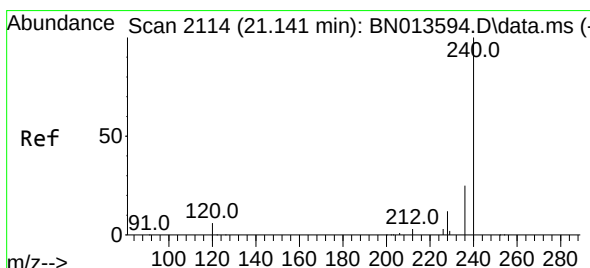
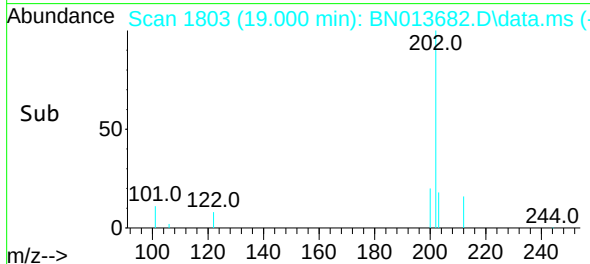
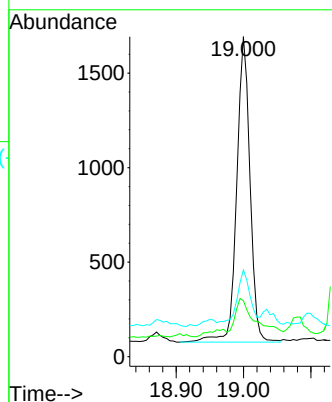
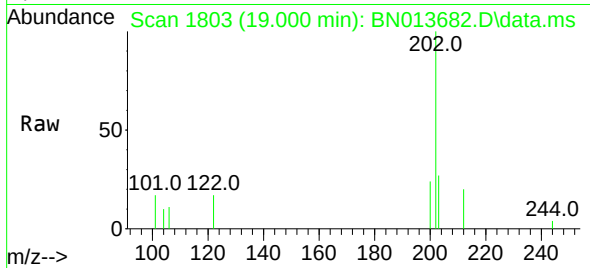




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.000 min Scan# 1803
Delta R.T. -0.002 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

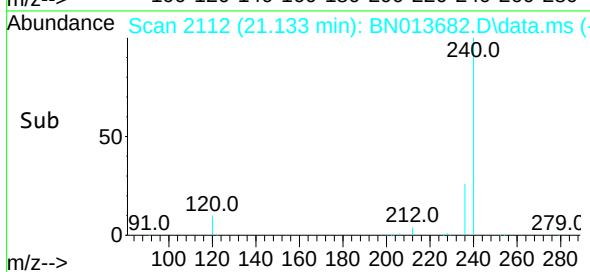
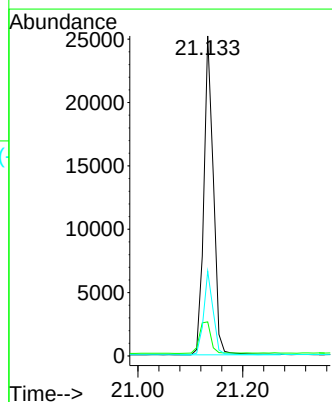
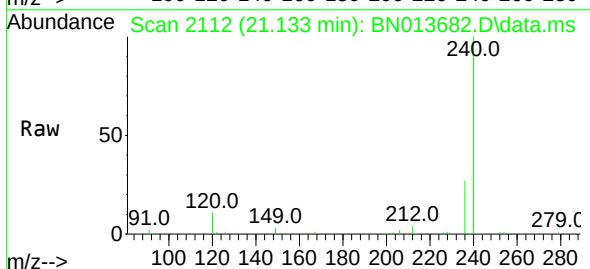
Instrument :
BNA_N
ClientSampled :

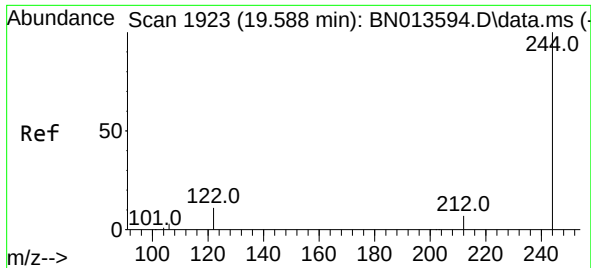
Tgt Ion:202 Resp: 2206
Ion Ratio Lower Upper
202 100
101 14.1 8.1 12.1#
203 17.4 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Tgt Ion:240 Resp: 31985
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.5 21.3 31.9

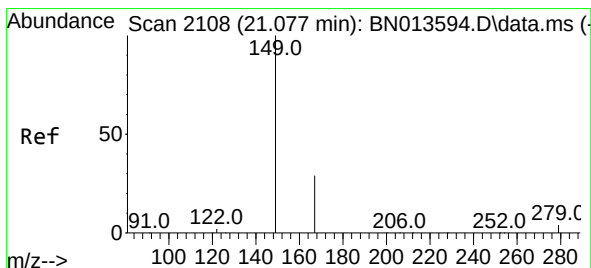
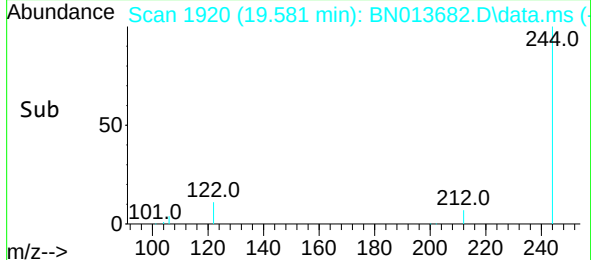
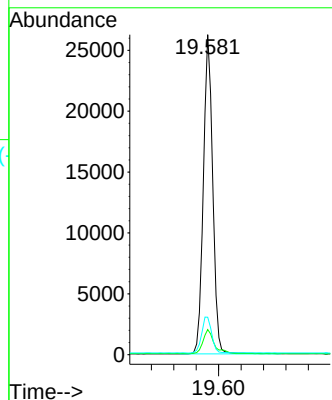
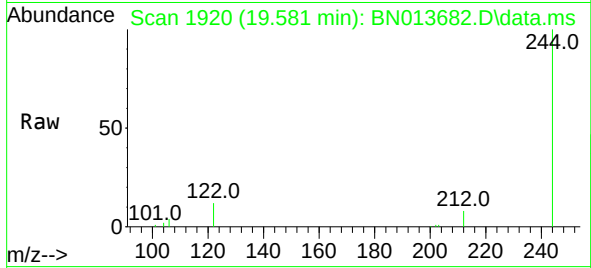




#31
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 19.581 min Scan# 1920
 Delta R.T. -0.002 min
 Lab File: BN013682.D
 Acq: 19 Feb 2021 14:21

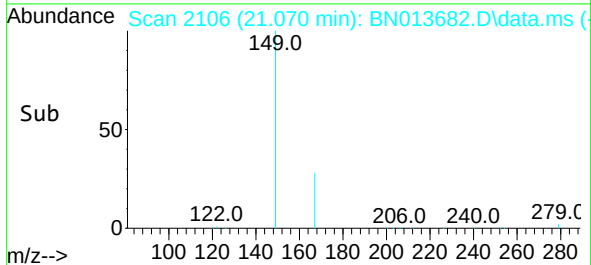
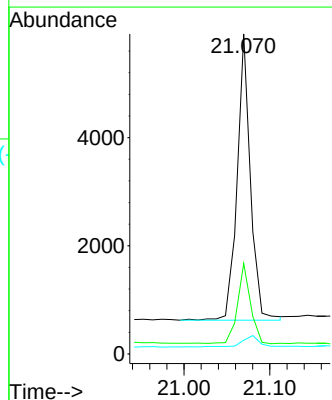
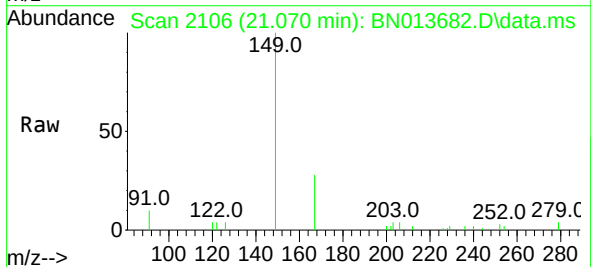
Instrument :
 BNA_N
 ClientSampleId :

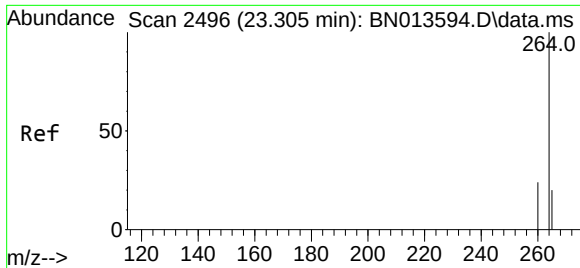
Tgt Ion:244	Resp:	30281
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.1 9.1
122	11.7	9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.070 min Scan# 2106
 Delta R.T. 0.003 min
 Lab File: BN013682.D
 Acq: 19 Feb 2021 14:21

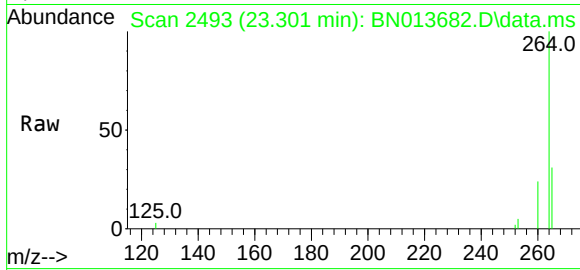
Tgt Ion:149	Resp:	5673
Ion Ratio	Lower	Upper
149	100	
167	27.3	22.1 33.1
279	5.1	3.5 5.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013682.D
Acq: 19 Feb 2021 14:21

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 30084
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 31.0 66.2 99.4#

