

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013194.D
 Acq On : 17 Dec 2020 20:01
 Operator : CG/JU
 Sample : L5053-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 03:05:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

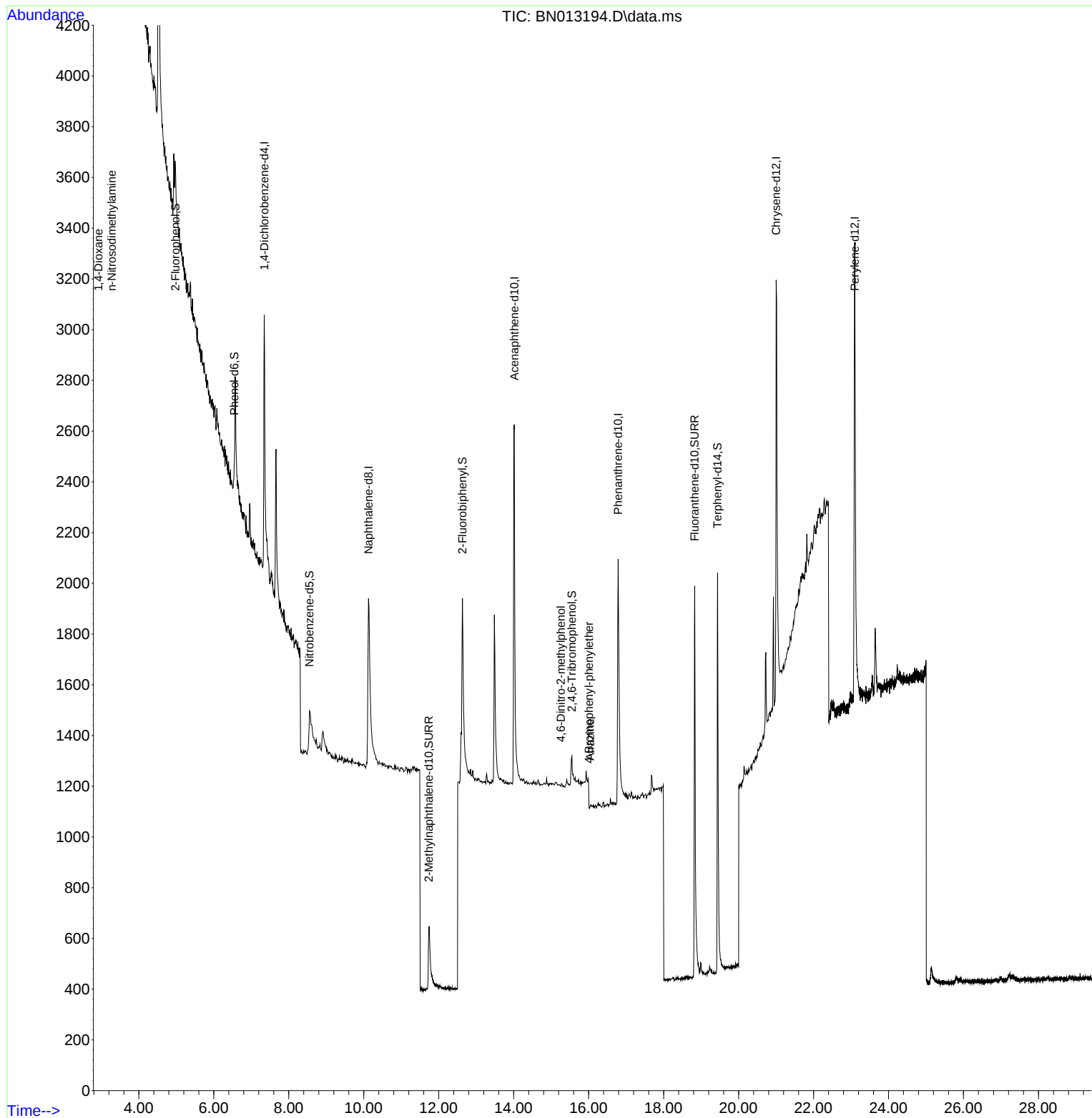
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	729	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2034	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1267	0.40	ng	0.01
19) Phenanthrene-d10	16.787	188	2627	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2723	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	3109	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	236	0.08	ng	0.00
5) Phenol-d6	6.549	99	121	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	454	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.737	152	820	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.551	330	159	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1207	0.23	ng	0.00
27) Fluoranthene-d10	18.828	212	2794	0.32	ng	0.00
31) Terphenyl-d14	19.439	244	2483	0.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	8998	7.08	ng	98
3) n-Nitrosodimethylamine	3.279	42	49	0.02	ng	# 30
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	34	0.07	ng	# 74
23) Atrazine	16.045	200	268	0.17	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	402	Below	Cal	# 95

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

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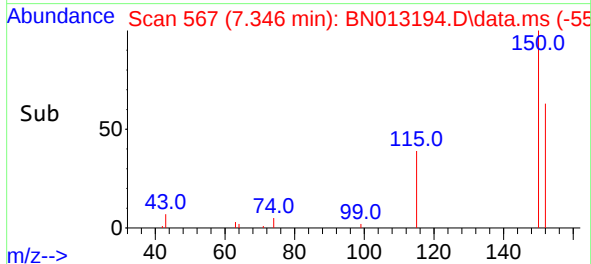
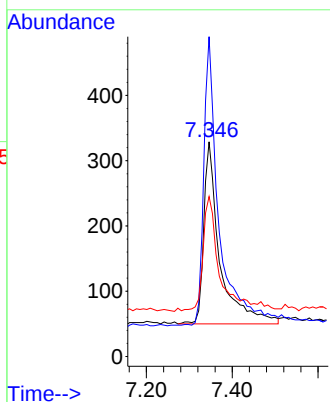
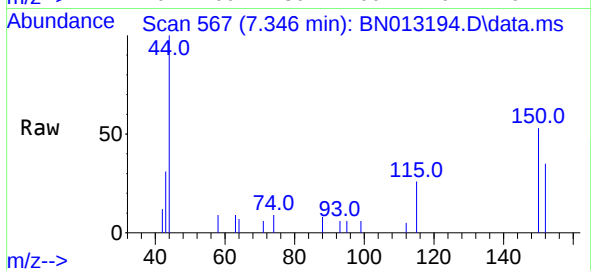




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

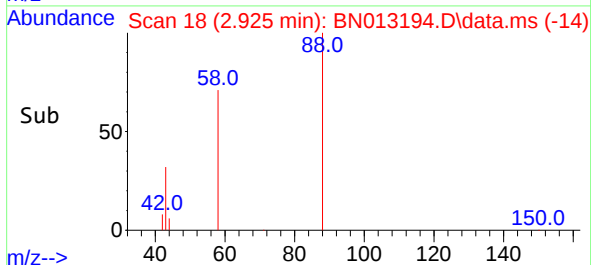
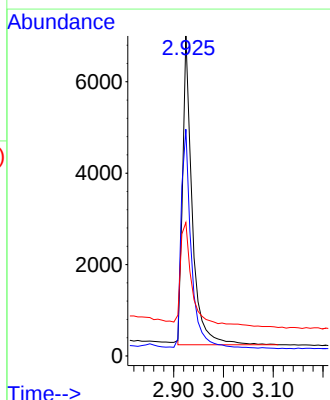
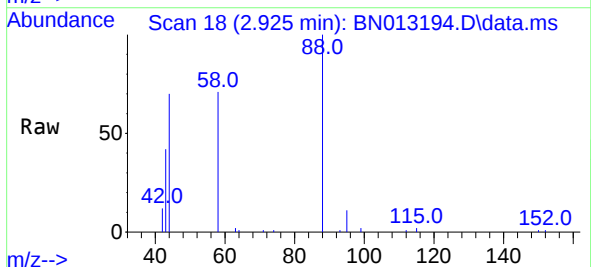
Instrument :
BNA_N
ClientSampleId :

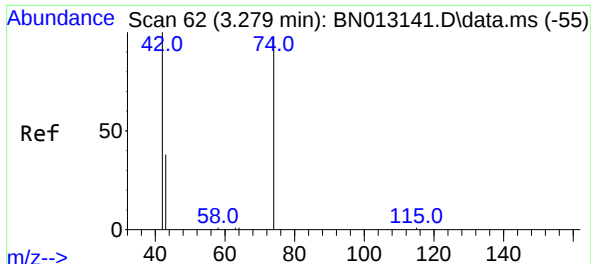
Tgt Ion:152 Resp: 729
Ion Ratio Lower Upper
152 100
150 148.9 116.6 174.8
115 74.5 52.9 79.3



#2
1,4-Dioxane
Concen: 7.08 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion: 88 Resp: 8998
Ion Ratio Lower Upper
88 100
58 73.8 59.4 89.2
43 42.7 32.3 48.5

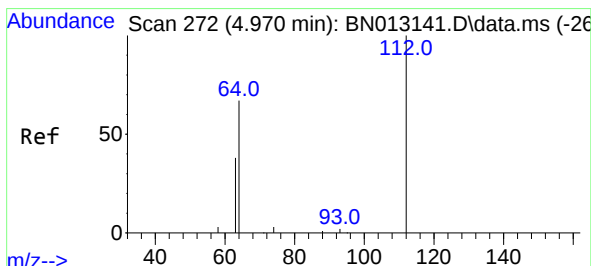
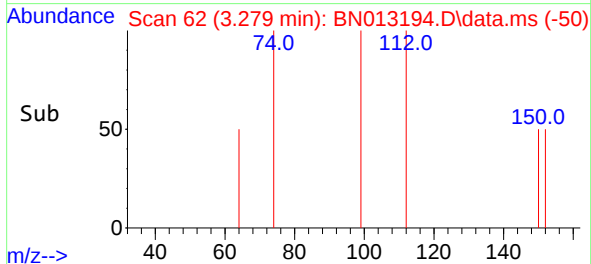
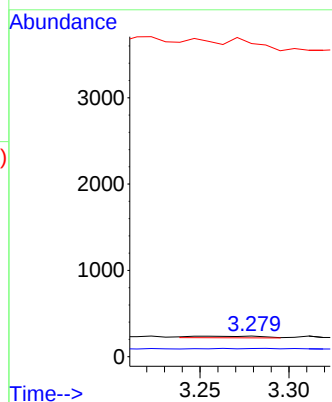
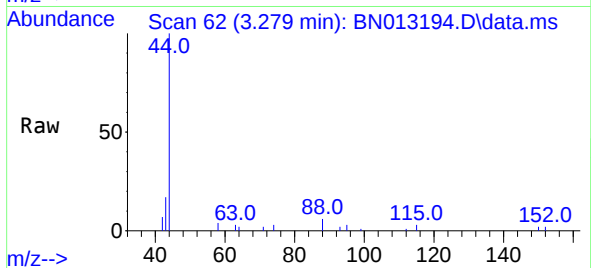




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.279 min Scan# 62
Delta R.T. 0.000 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

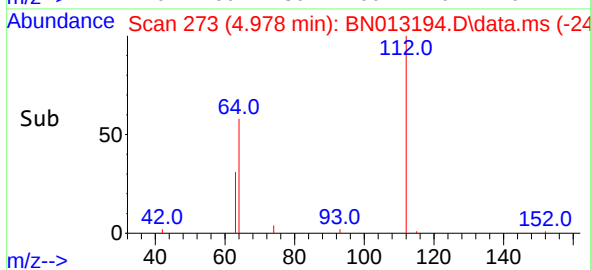
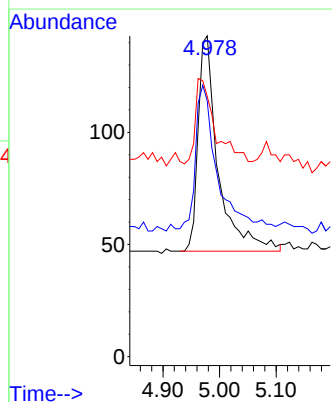
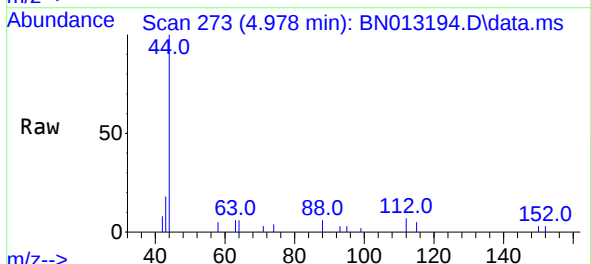
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 42 Resp: 49
Ion Ratio Lower Upper
42 100
74 16.3 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion: 112 Resp: 236
Ion Ratio Lower Upper
112 100
64 72.5 49.5 74.3
63 42.8 32.0 48.0

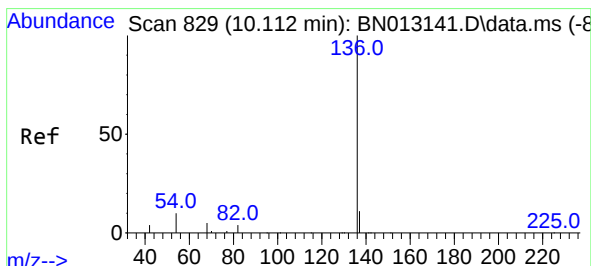
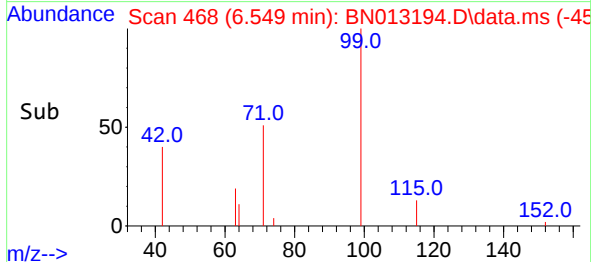
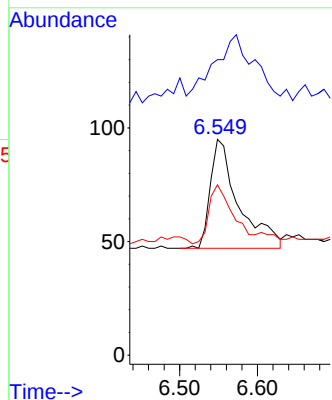
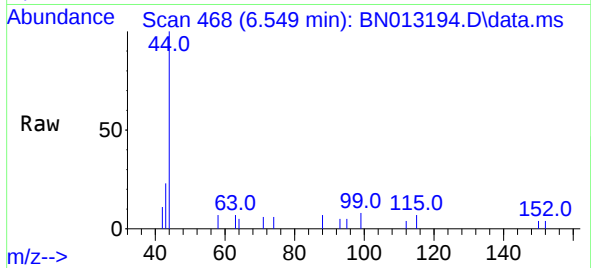




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

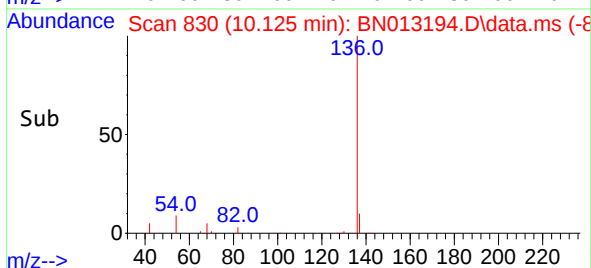
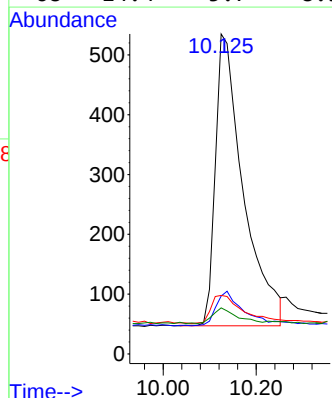
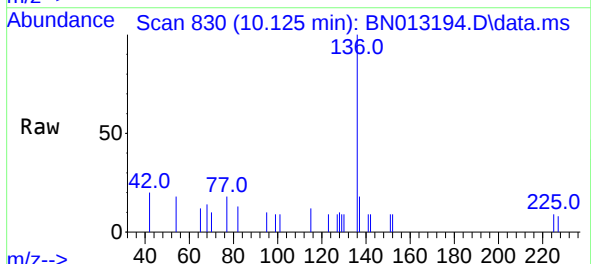
Instrument :
BNA_N
ClientSampled :

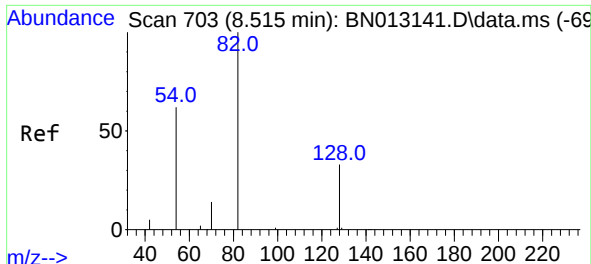
Tgt Ion: 99 Resp: 121
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 46.3 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion: 136 Resp: 2034
Ion Ratio Lower Upper
136 100
137 18.1 10.6 15.8#
54 18.3 8.6 12.8#
68 14.4 5.7 8.5#

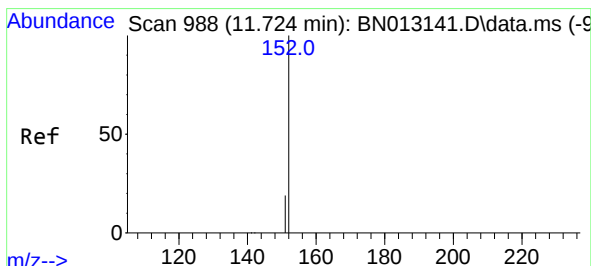
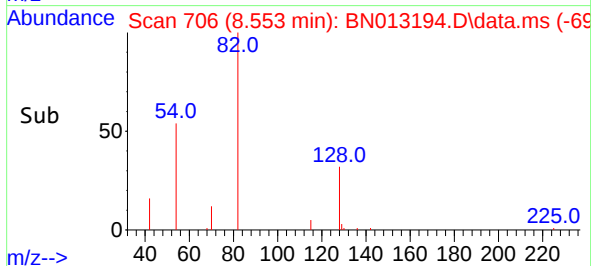
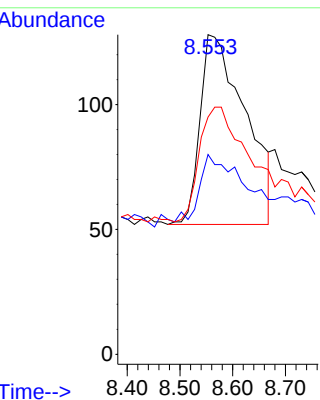
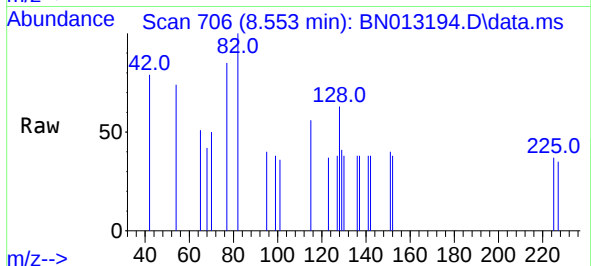




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

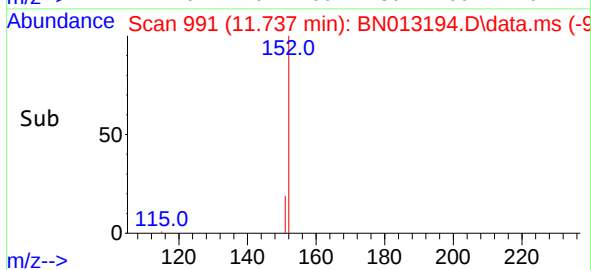
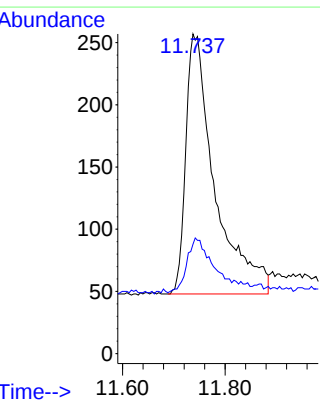
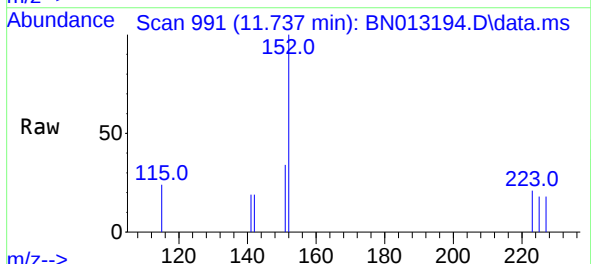
Instrument :
BNA_N
ClientSampled :

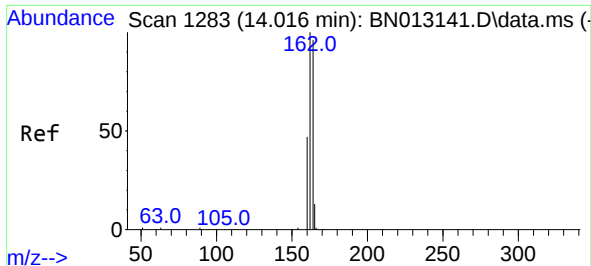
Tgt Ion: 82 Resp: 454
Ion Ratio Lower Upper
82 100
128 62.5 30.6 46.0#
54 74.2 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.009 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion: 152 Resp: 820
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



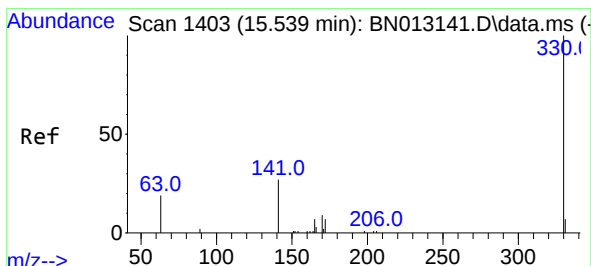
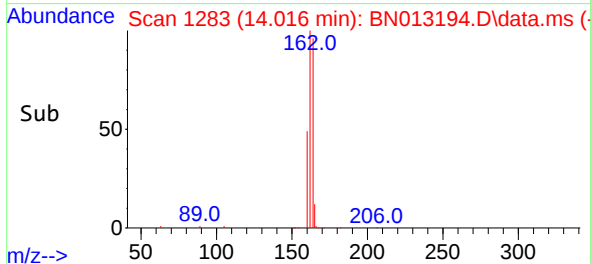
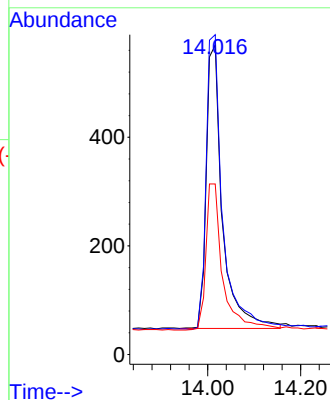
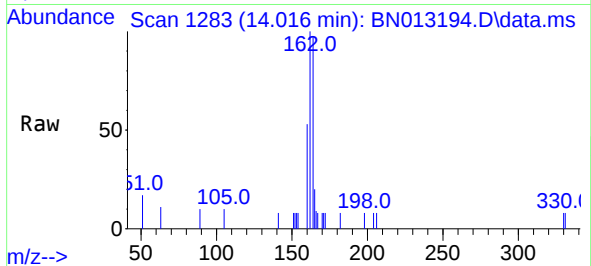


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Instrument :
BNA_N
ClientSampled :

Tgt Ion:164 Resp: 1267

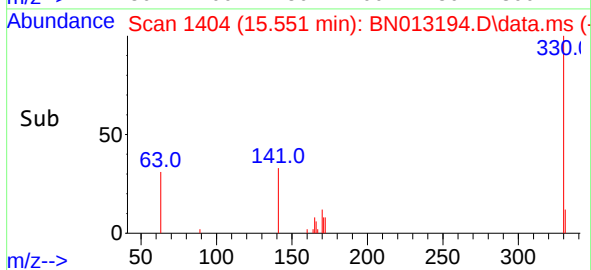
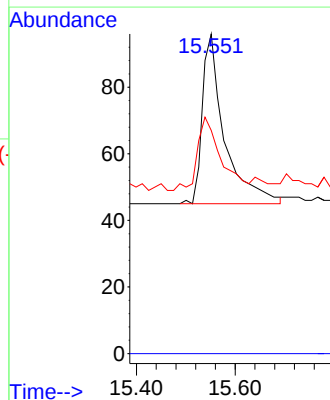
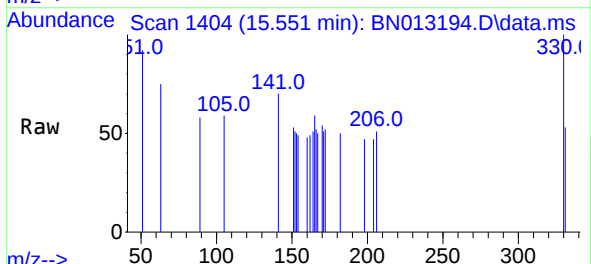
Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	120.8
160	55.1	39.5	59.3

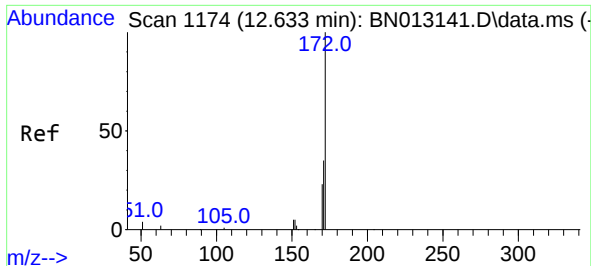


#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.3	34.4	51.6

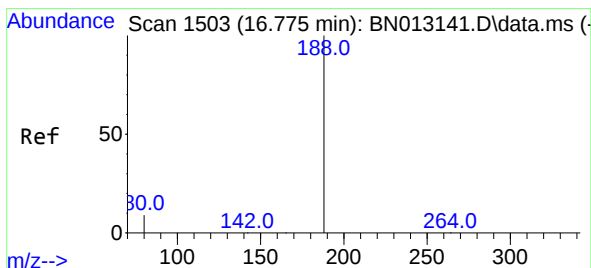
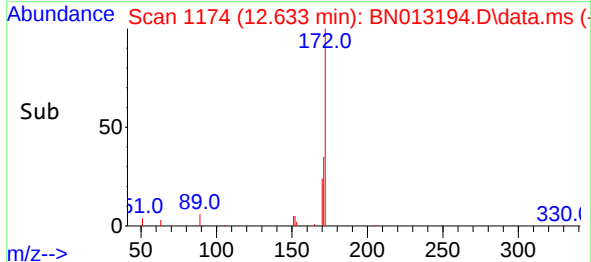
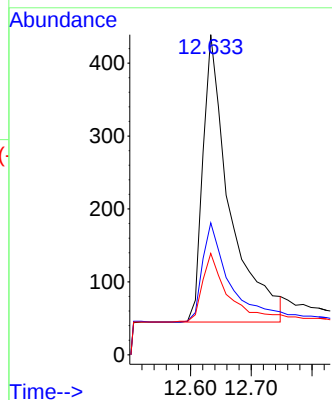
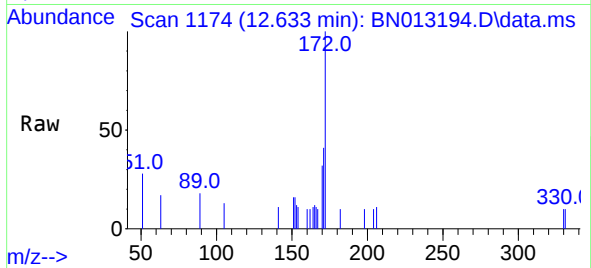




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

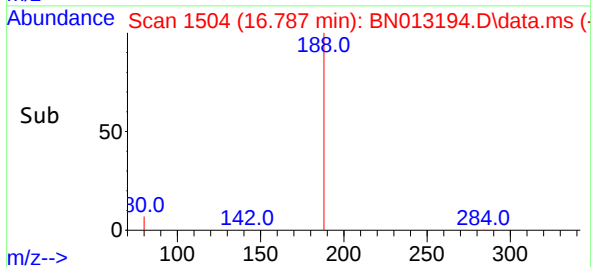
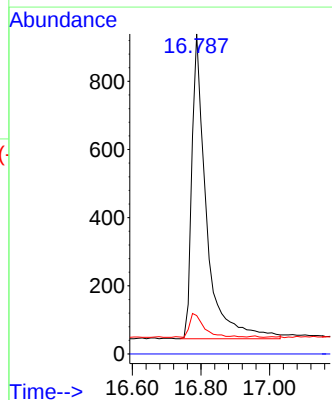
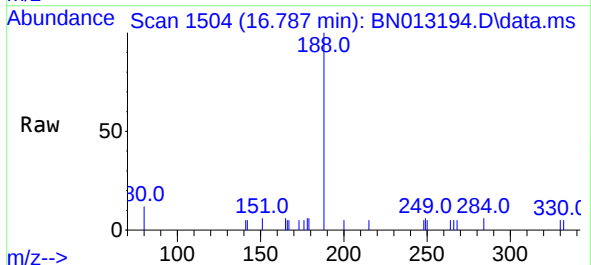
Instrument :
BNA_N
ClientSampled :

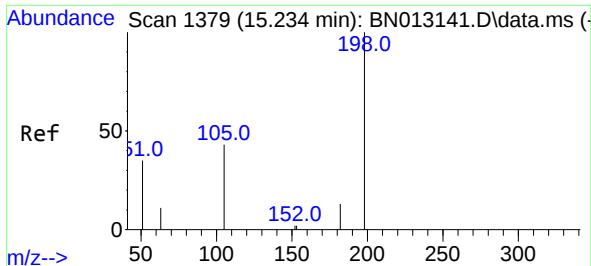
Tgt Ion:172 Resp: 1207
Ion Ratio Lower Upper
172 100
171 41.2 28.2 42.4
170 31.7 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion:188 Resp: 2627
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 5.0 7.4#

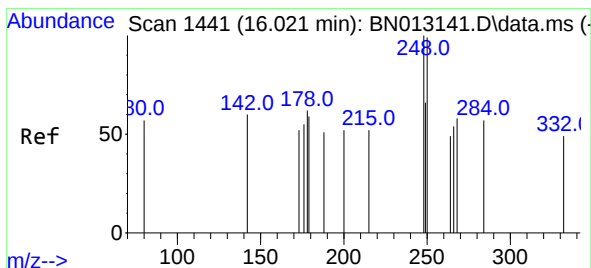
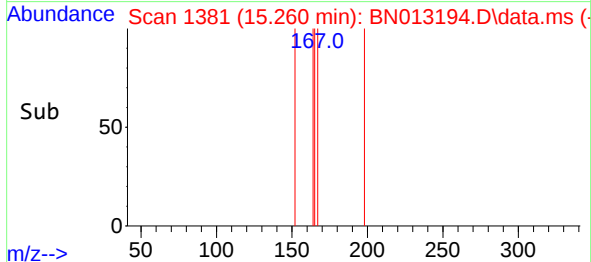
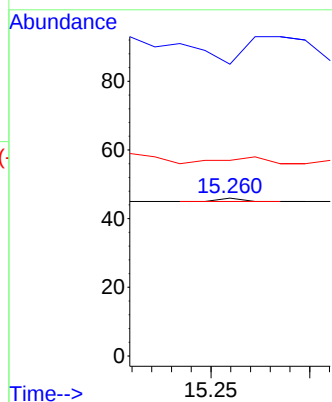
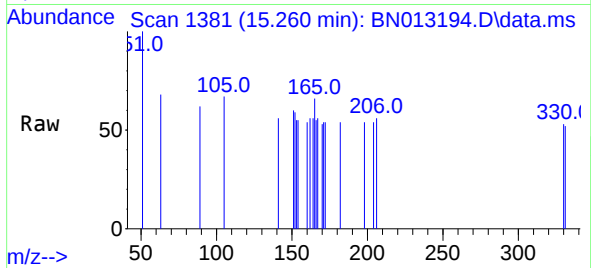




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

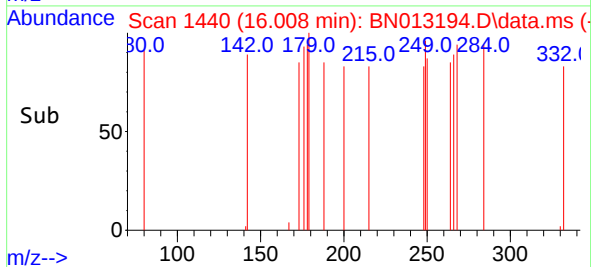
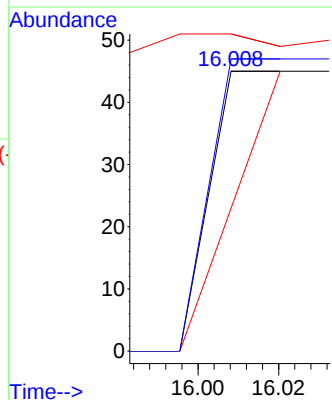
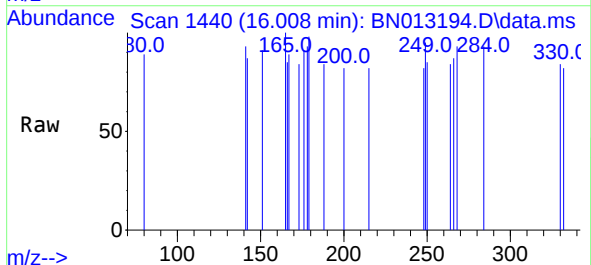
Instrument :
BNA_N
ClientSampled :

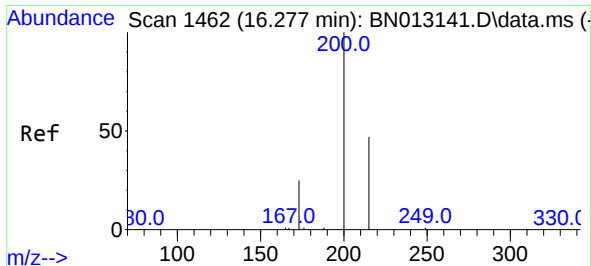
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 184.8 43.5 65.3#
105 123.9 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

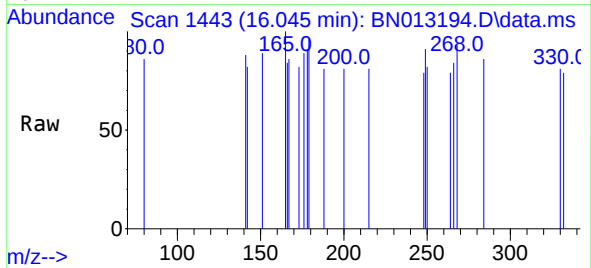
Tgt Ion:248 Resp: 34
Ion Ratio Lower Upper
248 100
250 104.4 77.3 115.9
141 113.3 57.8 86.8#



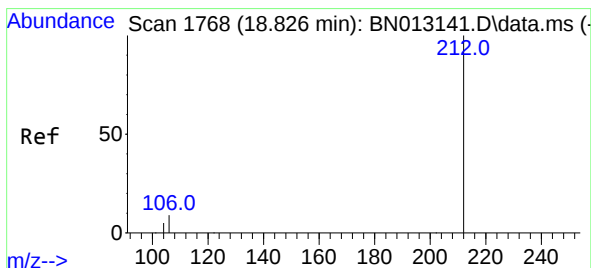
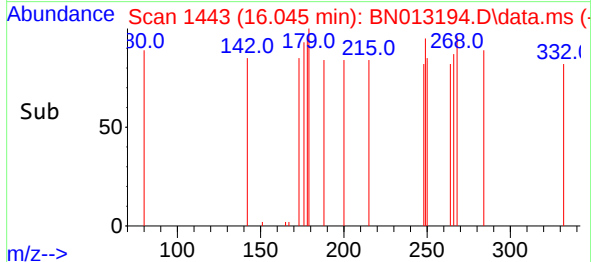
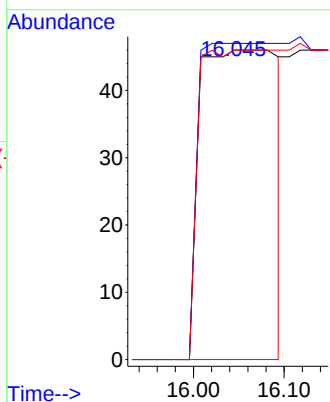


#23
Atrazine
Concen: 0.17 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.232 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Instrument :
BNA_N
ClientSampled :

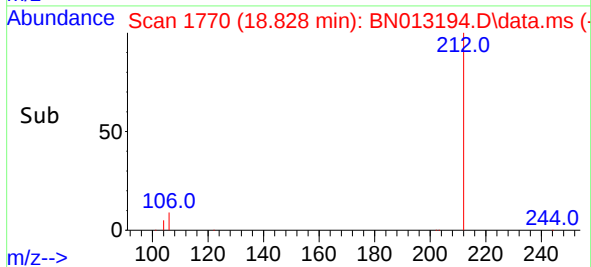
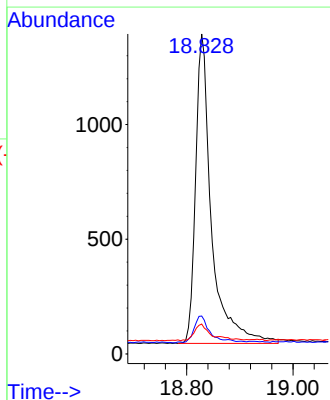
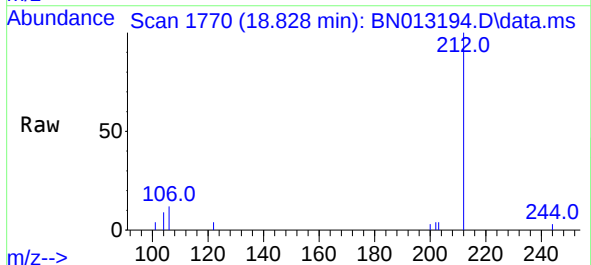


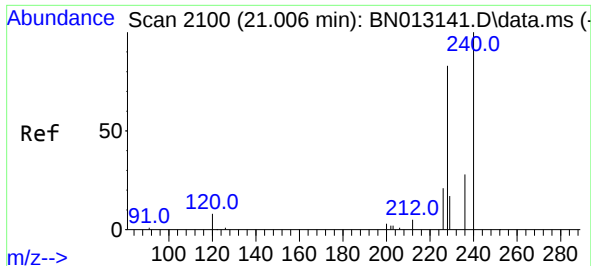
Tgt Ion:200 Resp: 268
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion:212 Resp: 2794
Ion Ratio Lower Upper
212 100
106 8.1 6.8 10.2
104 5.5 4.1 6.1

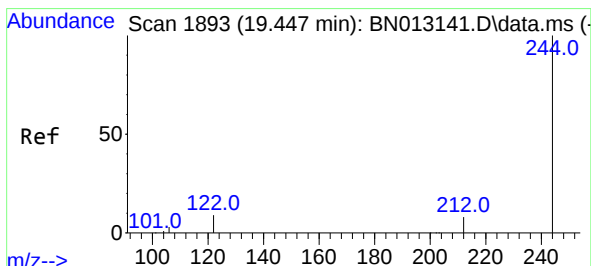
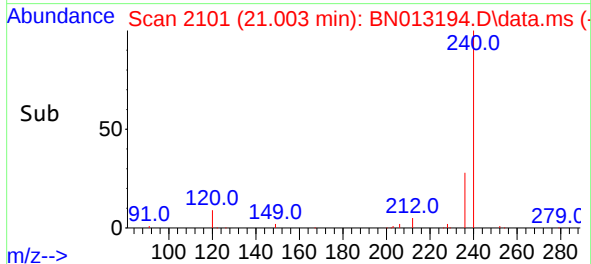
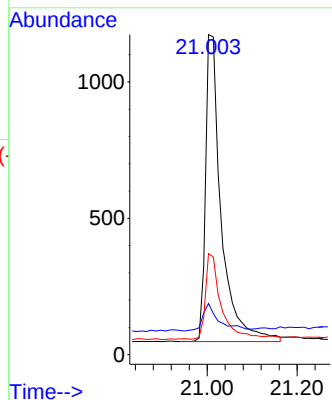
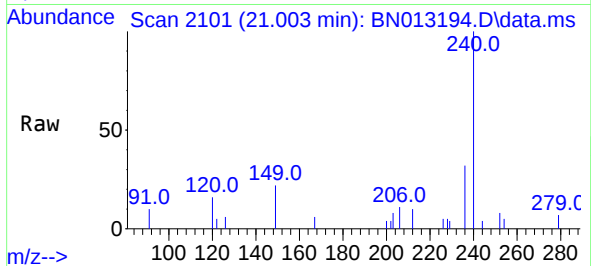




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

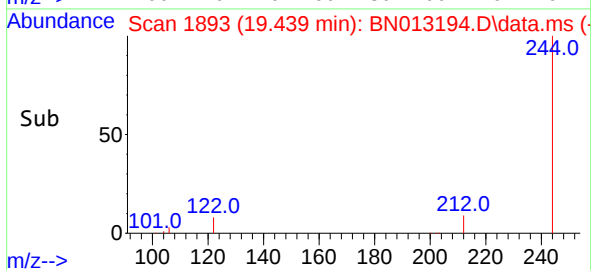
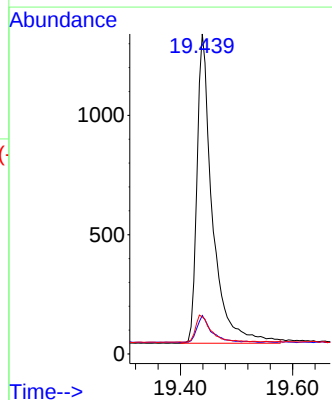
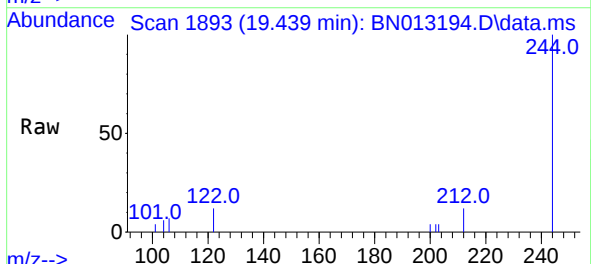
Instrument :
BNA_N
ClientSampled :

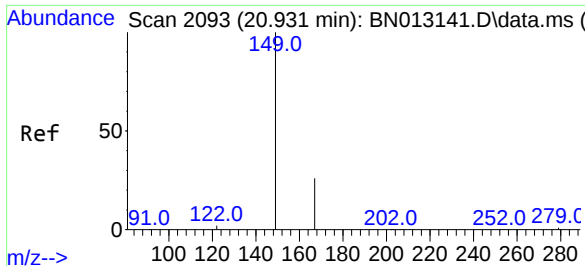
Tgt Ion:240 Resp: 2723
Ion Ratio Lower Upper
240 100
120 16.0 5.3 7.9#
236 31.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion:244 Resp: 2483
Ion Ratio Lower Upper
244 100
212 12.0 7.3 10.9#
122 11.6 7.3 10.9#

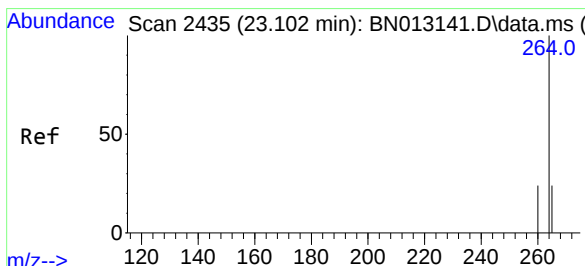
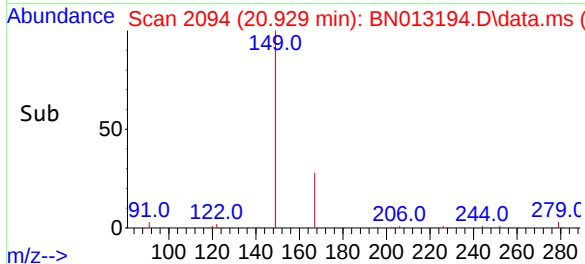
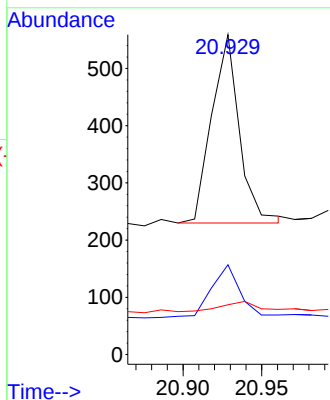
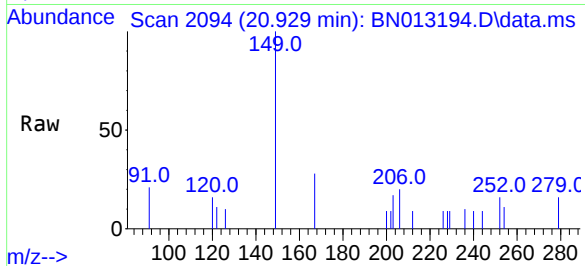




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Instrument :
BNA_N
ClientSampled :

Tgt Ion:149 Resp: 402
Ion Ratio Lower Upper
149 100
167 26.6 23.2 34.8
279 7.2 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.096 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Tgt Ion:264 Resp: 3109
Ion Ratio Lower Upper
264 100
260 26.4 19.8 29.6
265 83.9 51.4 77.0#

