

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 :
 RE125D2-20201210

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)

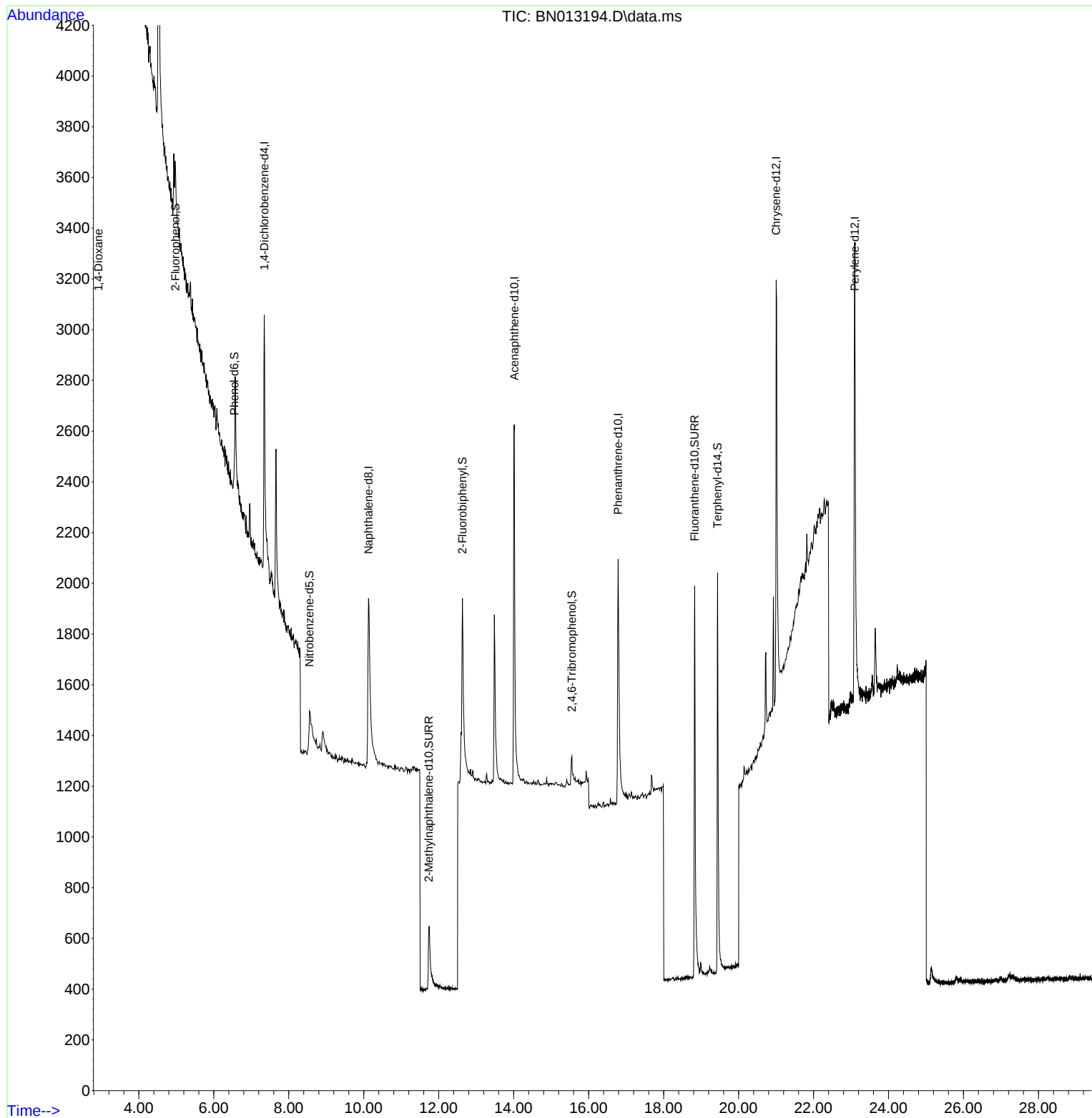
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	729	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2034	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1267	0.40	ng	0.01
19) Phenanthrene-d10	16.787	188	2627	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2723	0.40	ng	# 0.00
36) Perylene-d12	23.096	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						
2) 1,4-Dioxane	2.925	88	8998	7.08	ng	Qvalue 98

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

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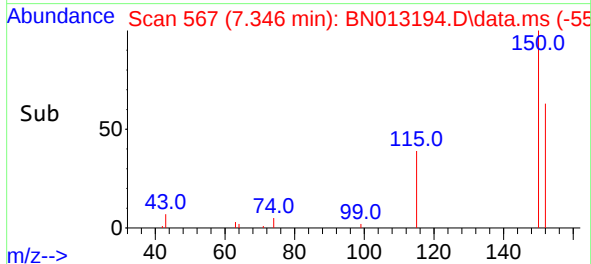
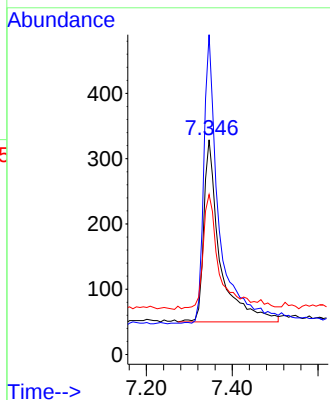
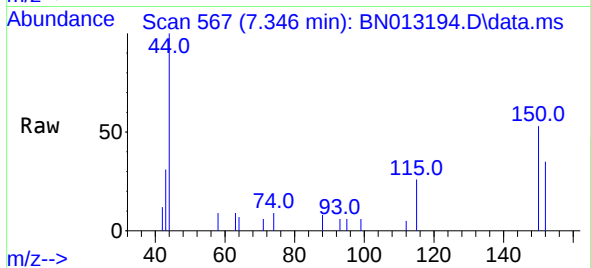


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Instrument :
BNA_N
ClientSampleId :
RE125D2-20201210

Tgt Ion: 152 Resp: 729

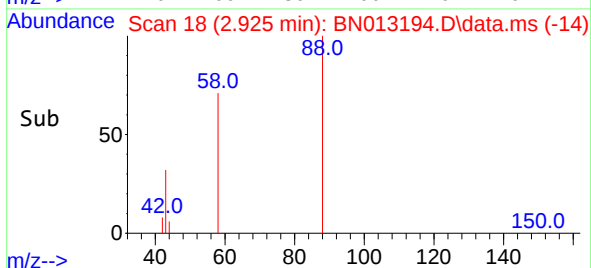
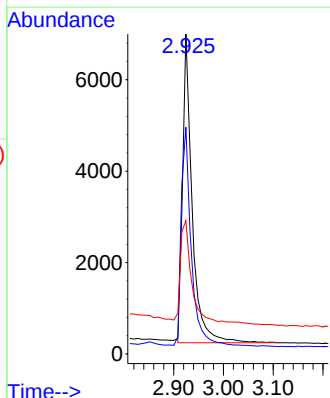
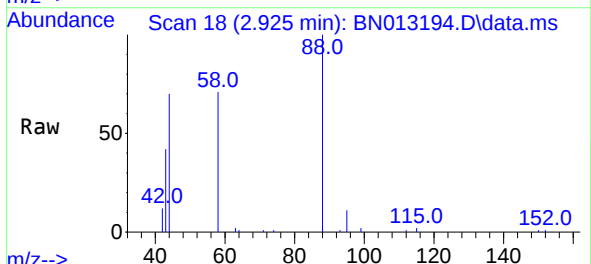
Ion	Ratio	Lower	Upper
152	100		
150	148.9	116.6	174.8
115	74.5	52.9	79.3



#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



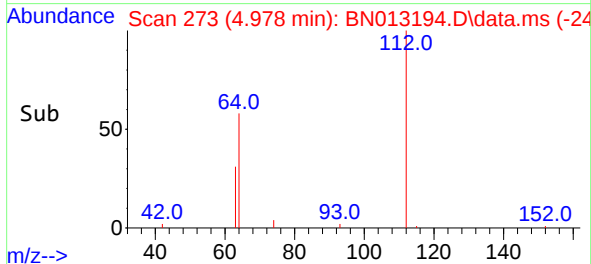
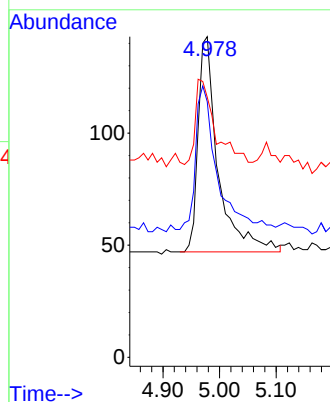
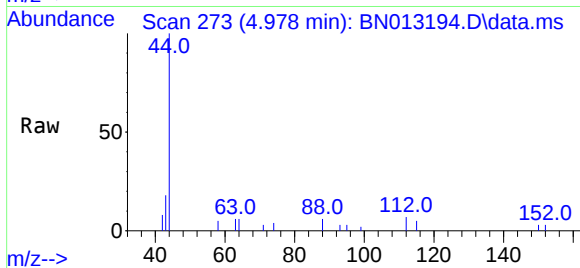


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Instrument :
BNA_N
ClientSampleId :
RE125D2-20201210

Tgt Ion:112 Resp: 236

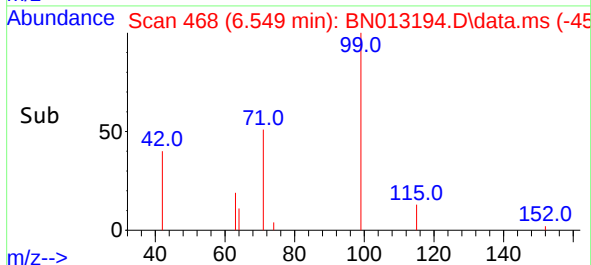
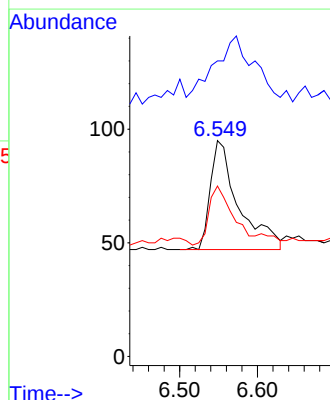
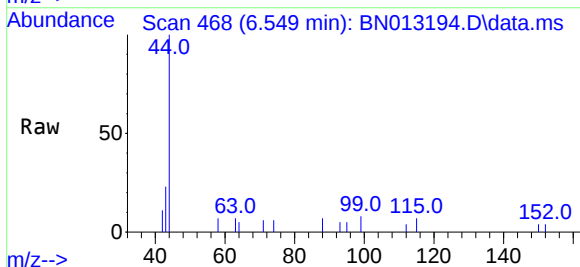
Ion	Ratio	Lower	Upper
112	100		
64	72.5	49.5	74.3
63	42.8	32.0	48.0



#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

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



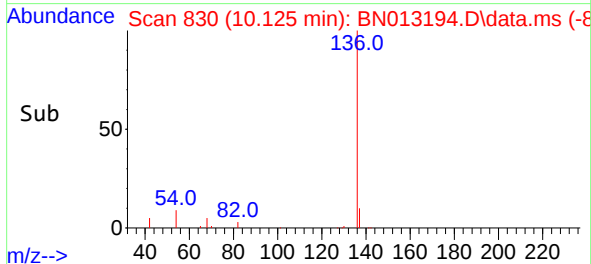
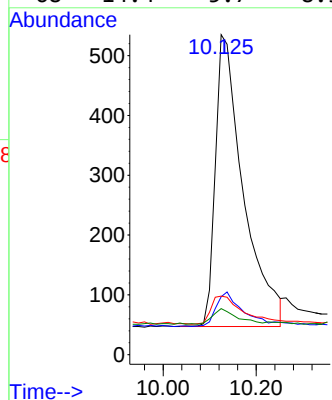
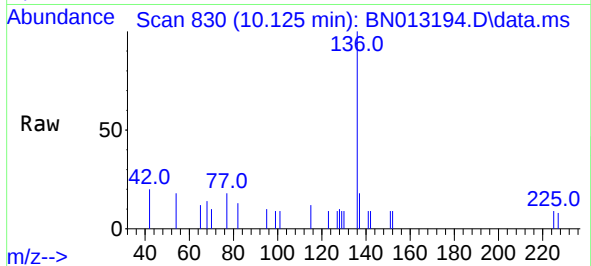


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

Instrument :
BNA_N
ClientSampleId :
RE125D2-20201210

Tgt Ion: 136 Resp: 2034

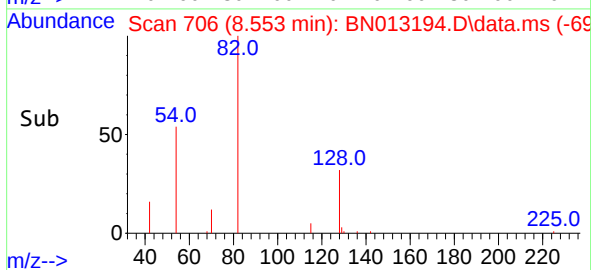
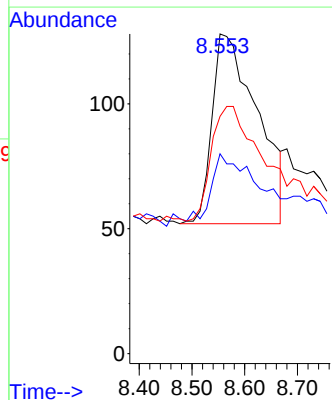
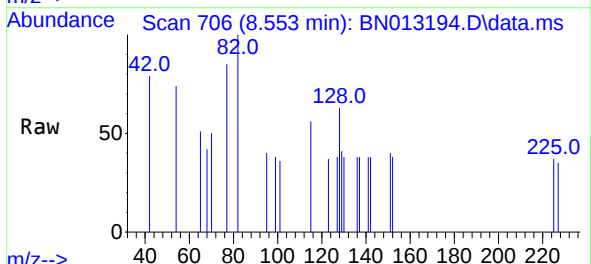
Ion	Ratio	Lower	Upper
136	100		
137	18.1	10.6	15.8#
54	18.3	8.6	12.8#
68	14.4	5.7	8.5#

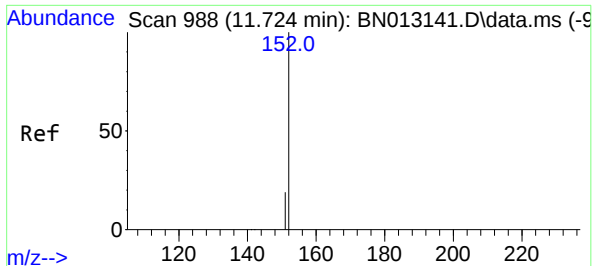


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

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#

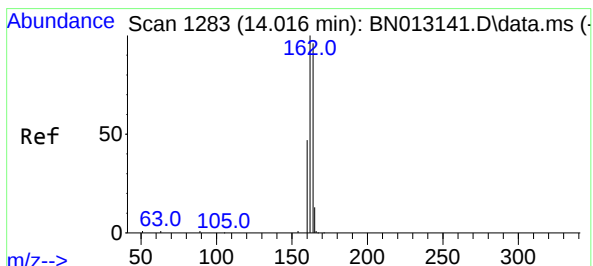
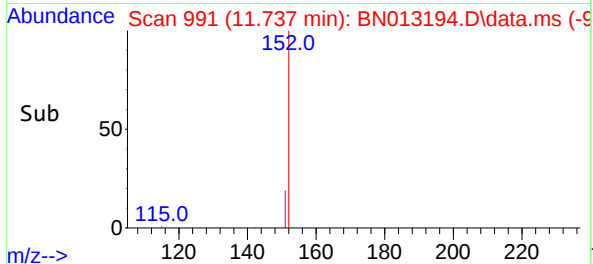
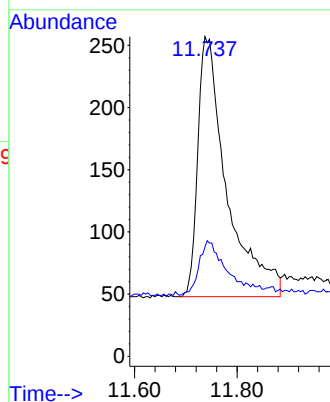
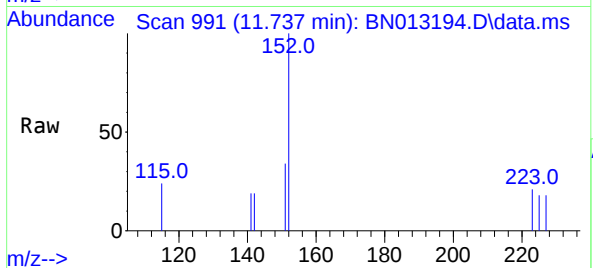




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.009 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

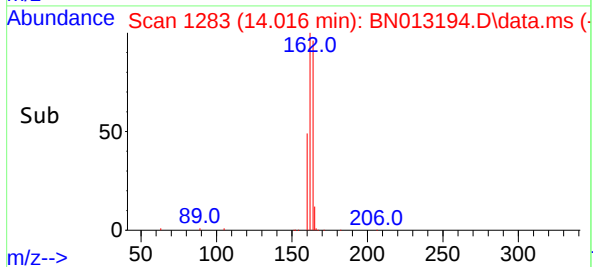
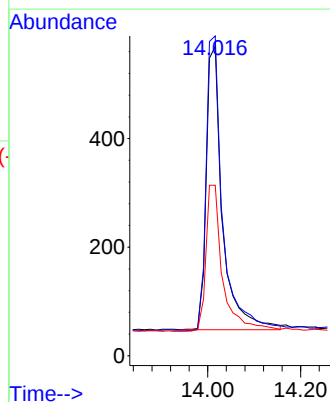
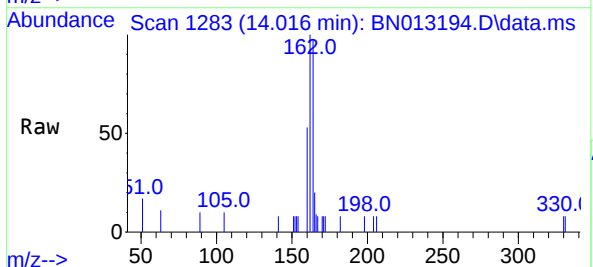
Instrument :
BNA_N
ClientSampleId :
RE125D2-20201210

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

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

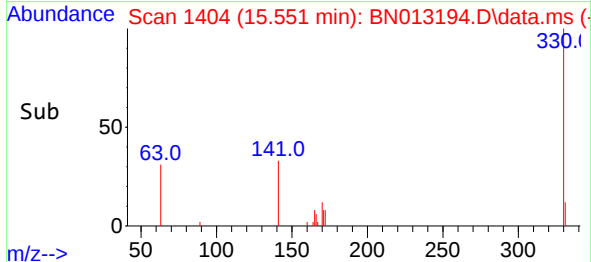
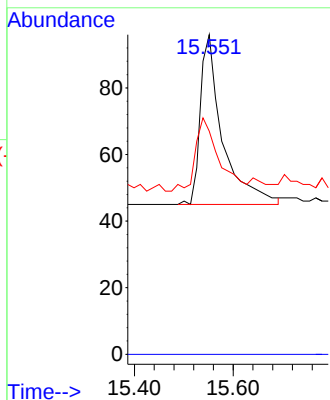
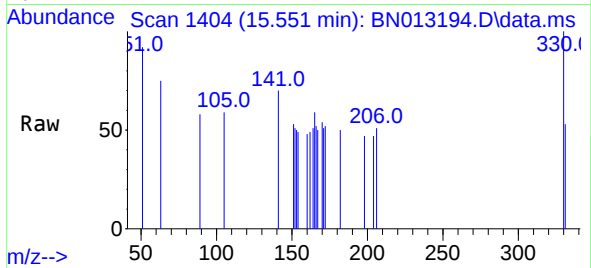




#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

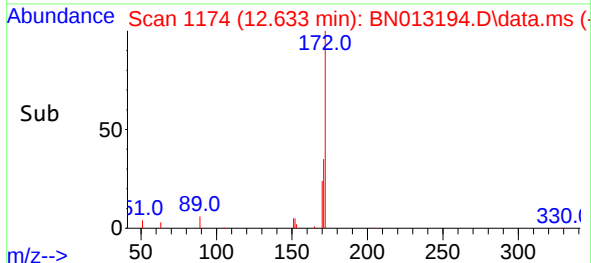
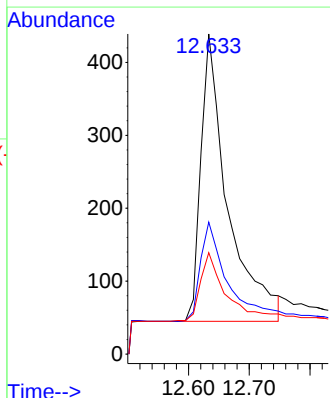
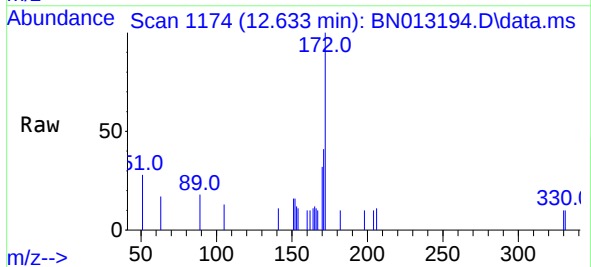
Instrument :
BNA_N
ClientSampleId :
RE125D2-20201210

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

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#

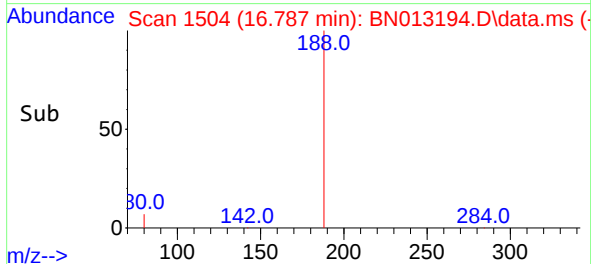
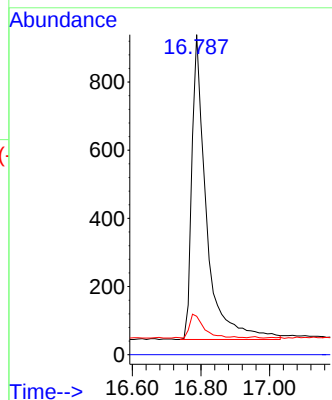
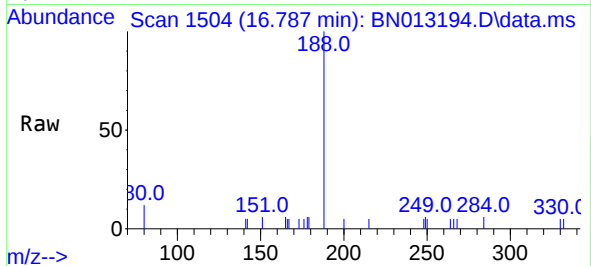




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

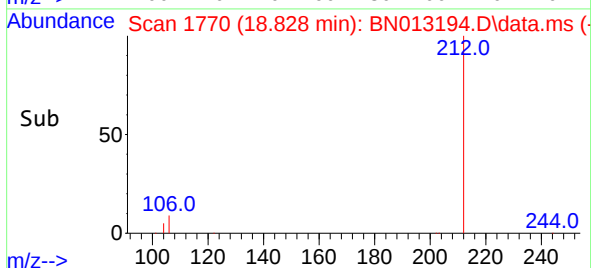
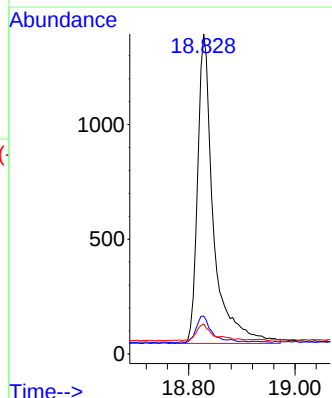
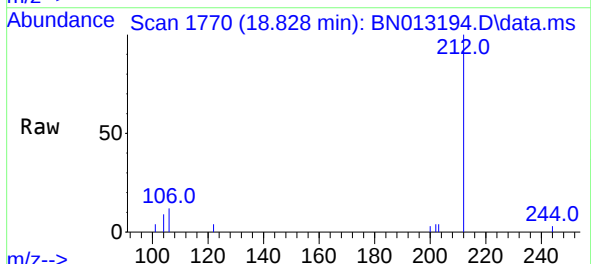
Instrument :
BNA_N
ClientSampleId :
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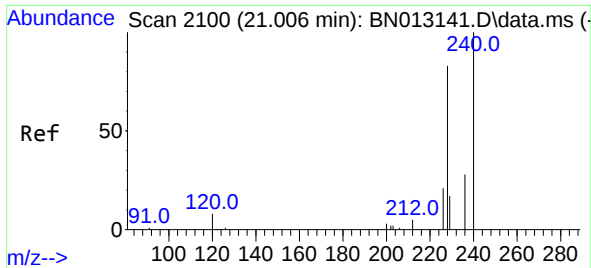
Tgt Ion:	188	Resp:	2627
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	5.0	7.4#



#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

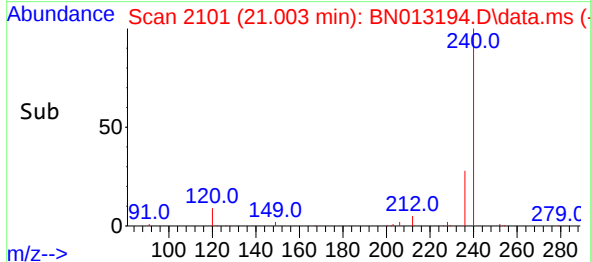
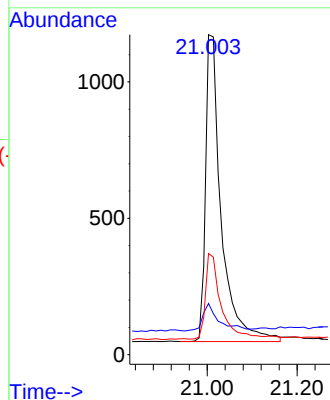
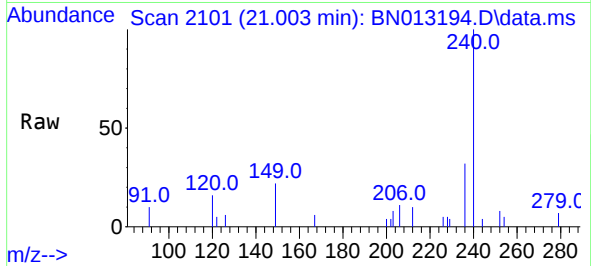




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013194.D
Acq: 17 Dec 2020 20:01

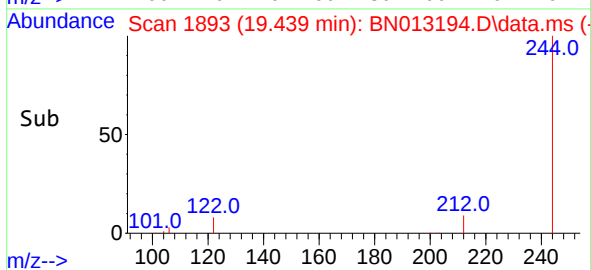
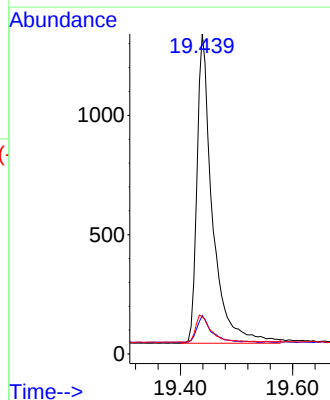
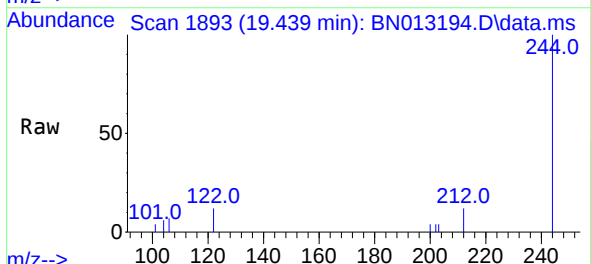
Instrument :
BNA_N
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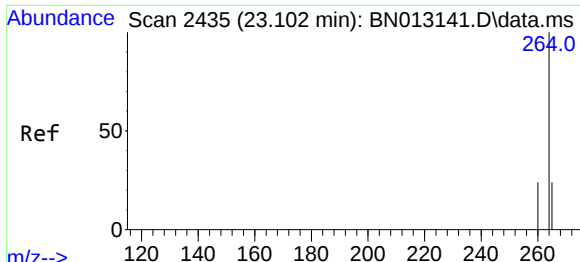
Tgt Ion:240 Resp: 2723
Ion Ratio Lower Upper
240 100
120 16.0 5.3 7.9#
236 31.6 21.8 32.8



#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#





#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

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20201210

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#

