

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013192.D
 Acq On : 17 Dec 2020 18:49
 Operator : CG/JU
 Sample : L5053-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 03:05:17 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)

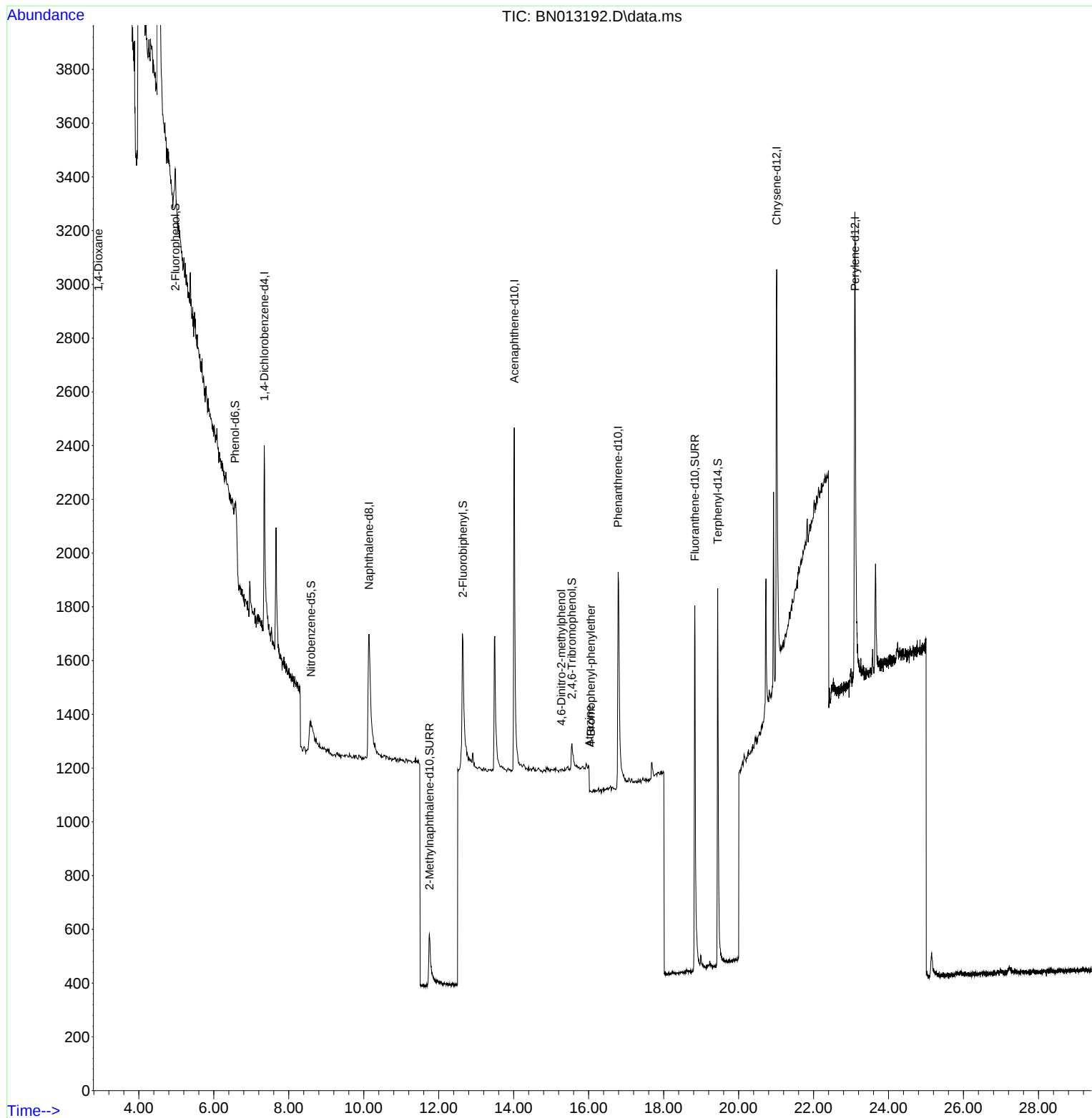
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	532	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1649	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1116	0.40	ng	0.01
19) Phenanthrene-d10	16.788	188	2460	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2627	0.40	ng	# 0.01
36) Perylene-d12	23.103	264	2976	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	196	0.09	ng	0.00
5) Phenol-d6	6.565	99	81	0.04	ng	0.02
8) Nitrobenzene-d5	8.591	82	347	0.20	ng	0.08
11) 2-Methylnaphthalene-d10	11.751	152	627	0.22	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	149	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	1010	0.22	ng	0.01
27) Fluoranthene-d10	18.831	212	2625	0.32	ng	0.00
31) Terphenyl-d14	19.442	244	2250	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	3533	3.81	ng	99
20) 4,6-Dinitro-2-methylph...	15.272	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.058	248	201	0.42	ng	# 78
23) Atrazine	16.021	200	202	0.14	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	591	Below	Cal	# 99

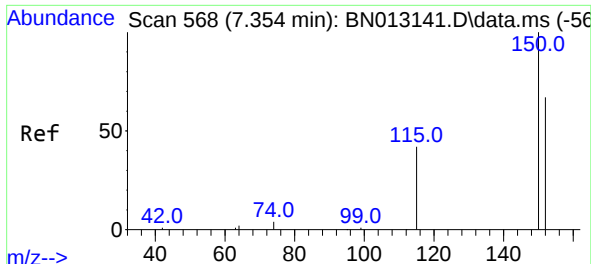
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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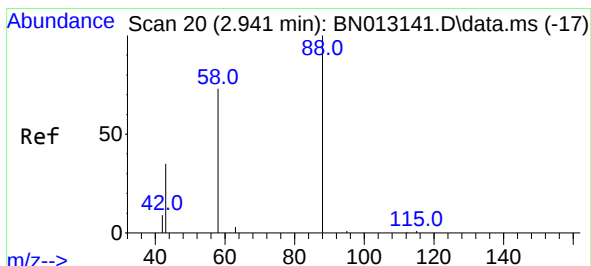
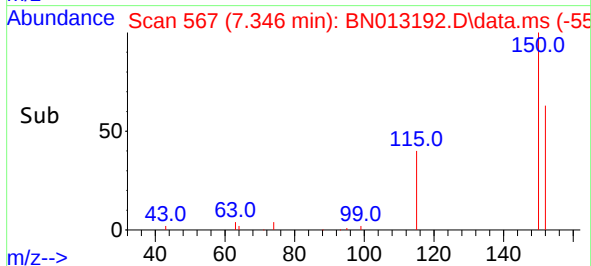
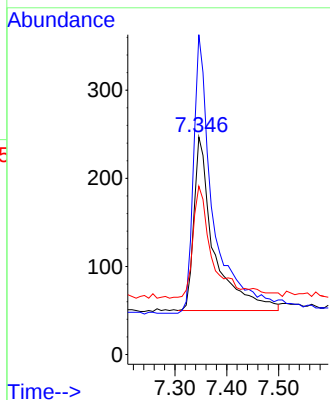
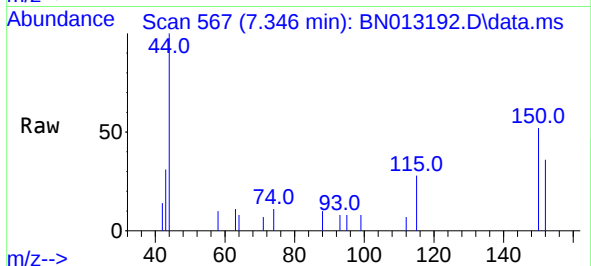




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: BN013192.D
 Acq: 17 Dec 2020 18:49

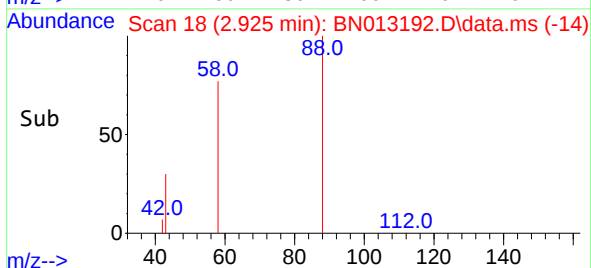
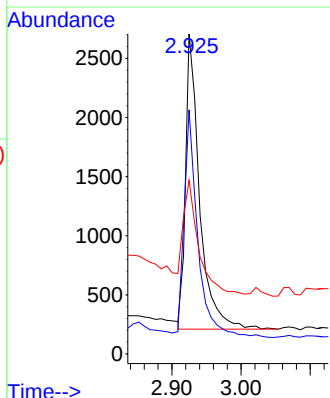
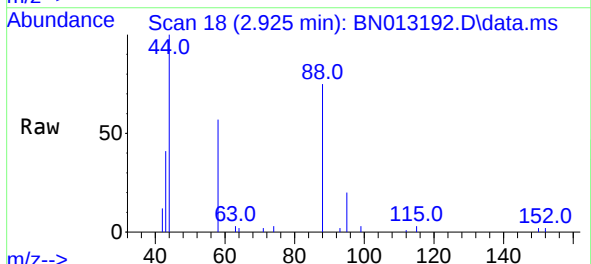
Instrument :
 BNA_N
 ClientSampleId :

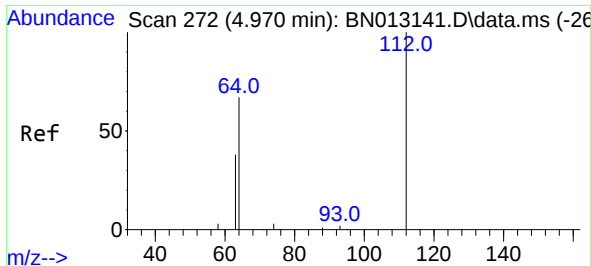
Tgt Ion:152 Resp: 532
 Ion Ratio Lower Upper
 152 100
 150 147.0 116.6 174.8
 115 77.3 52.9 79.3



#2
 1,4-Dioxane
 Concen: 3.81 ng
 RT: 2.925 min Scan# 18
 Delta R.T. -0.016 min
 Lab File: BN013192.D
 Acq: 17 Dec 2020 18:49

Tgt Ion: 88 Resp: 3533
 Ion Ratio Lower Upper
 88 100
 58 74.8 59.4 89.2
 43 41.3 32.3 48.5

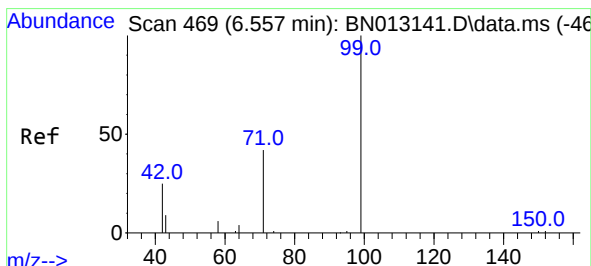
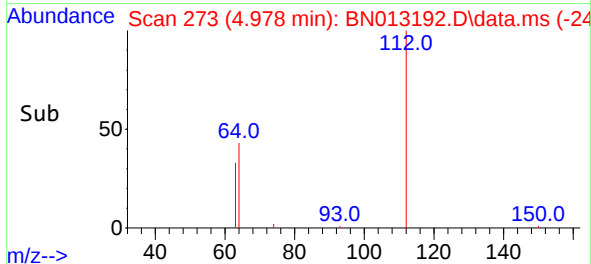
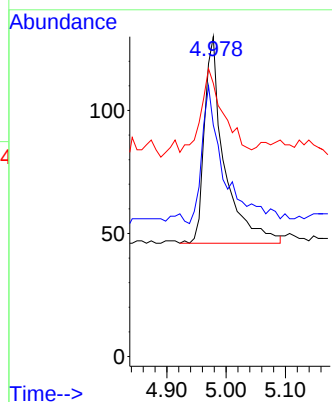
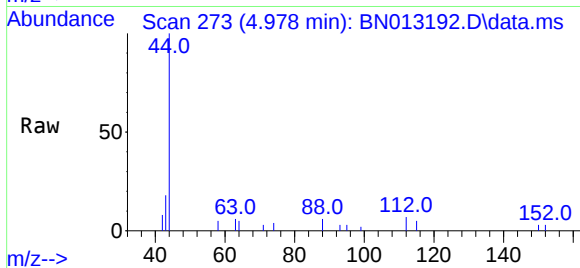




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

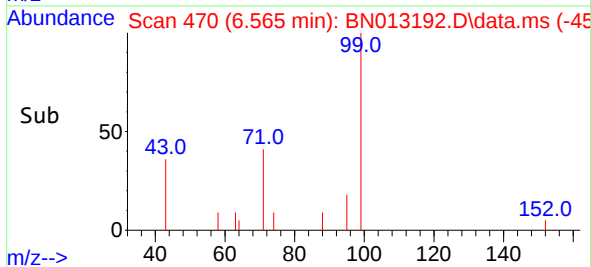
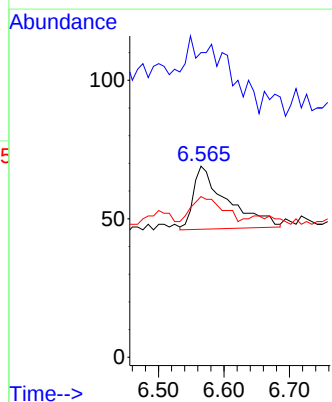
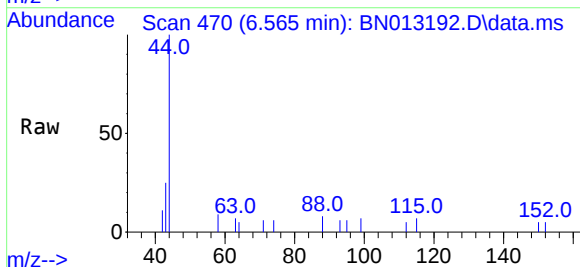
Instrument :
BNA_N
ClientSampled :

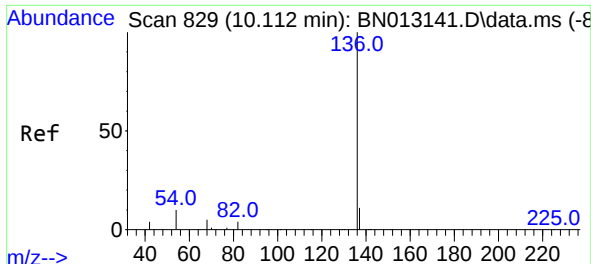
Tgt Ion:112 Resp: 196
Ion Ratio Lower Upper
112 100
64 76.5 49.5 74.3#
63 43.9 32.0 48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion: 99 Resp: 81
Ion Ratio Lower Upper
99 100
42 17.3 22.4 33.6#
71 42.0 37.8 56.6



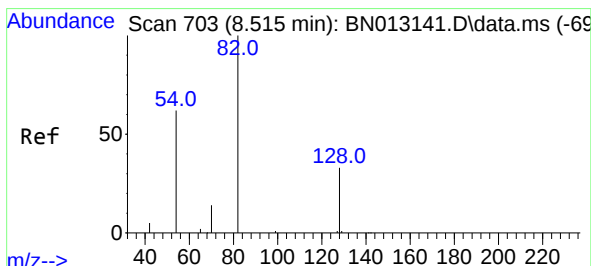
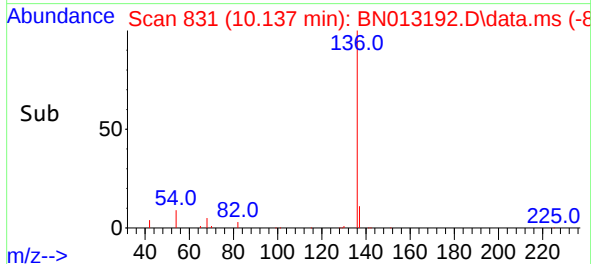
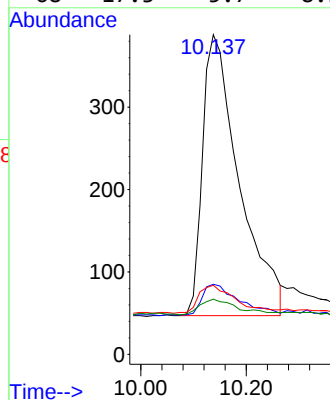
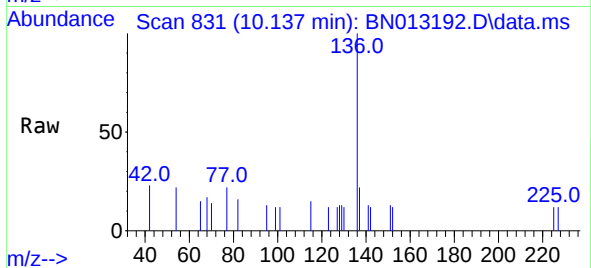


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.026 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Instrument :
BNA_N
ClientSampled :

Tgt Ion: 136 Resp: 1649

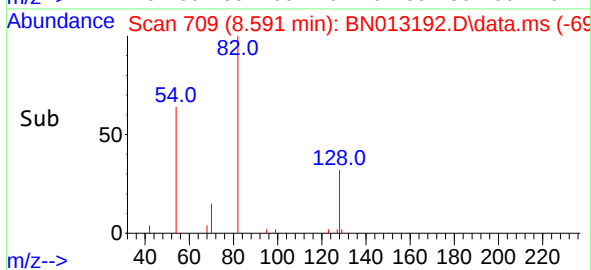
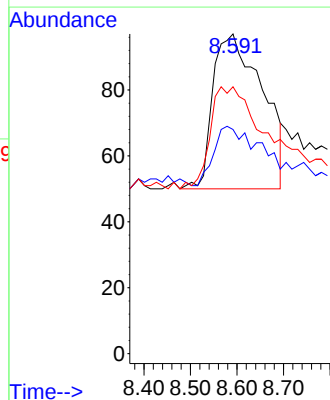
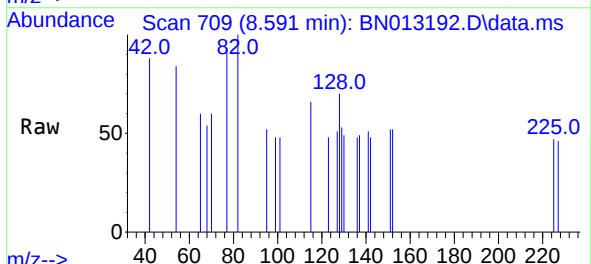
Ion	Ratio	Lower	Upper
136	100		
137	21.9	10.6	15.8#
54	21.6	8.6	12.8#
68	17.3	5.7	8.5#

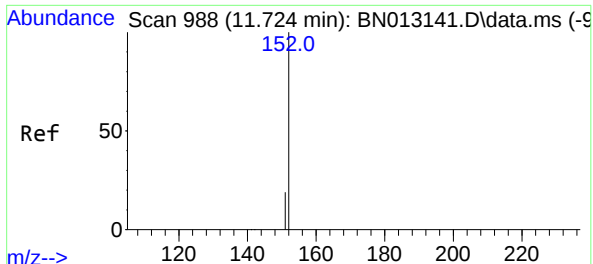


#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.076 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion: 82 Resp: 347

Ion	Ratio	Lower	Upper
82	100		
128	70.1	30.6	46.0#
54	83.5	48.3	72.5#

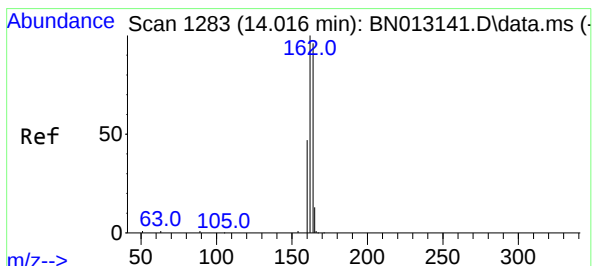
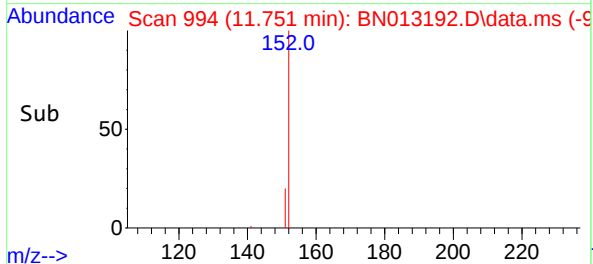
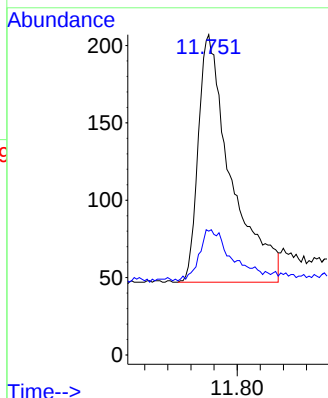
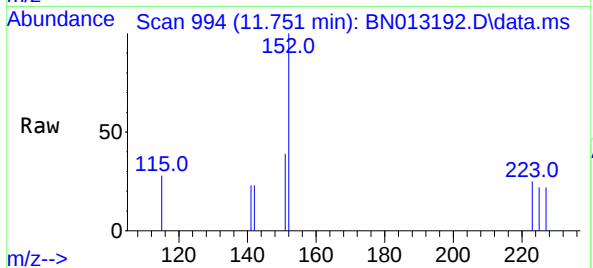




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.022 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

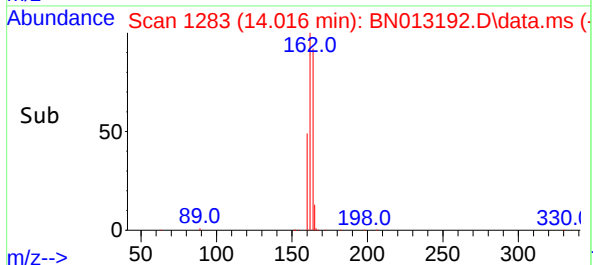
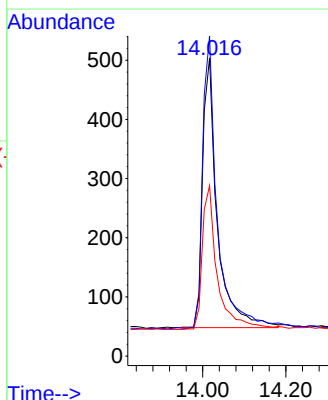
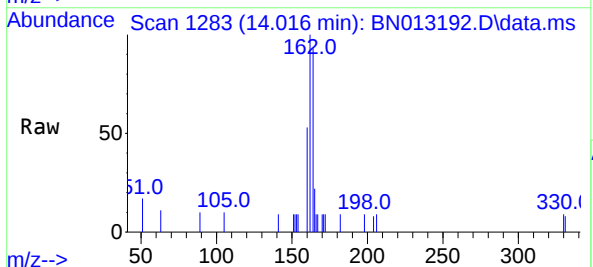
Instrument :
BNA_N
ClientSampleId :

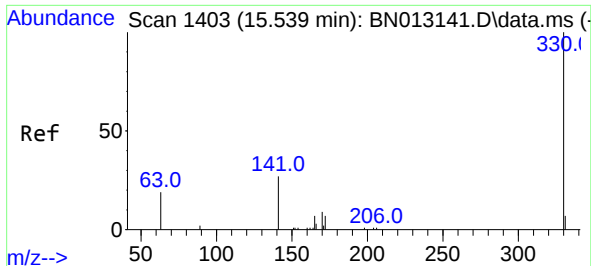
Tgt Ion:152 Resp: 627
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:164 Resp: 1116
Ion Ratio Lower Upper
164 100
162 107.3 80.6 120.8
160 57.1 39.5 59.3

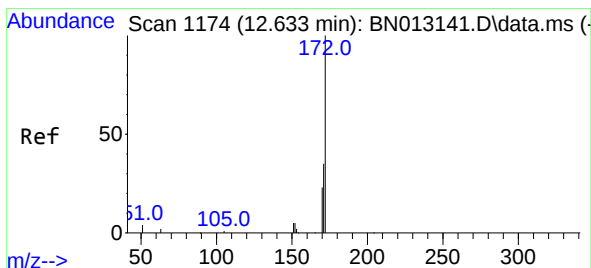
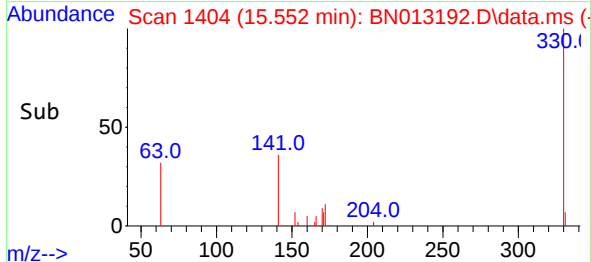
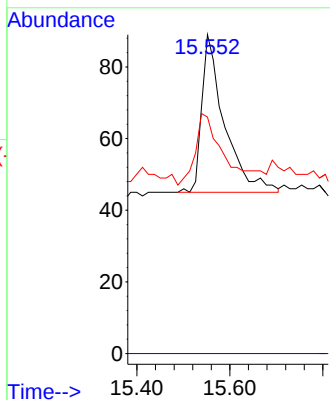
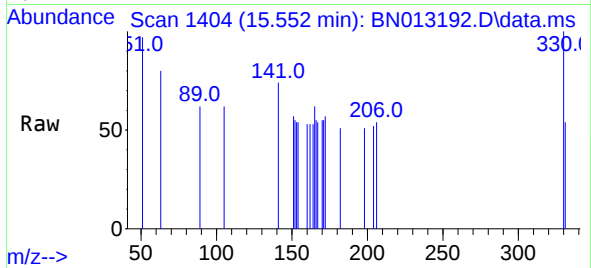




#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

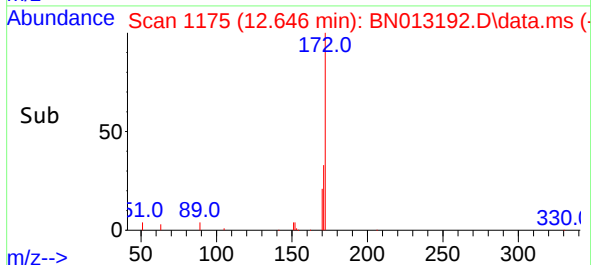
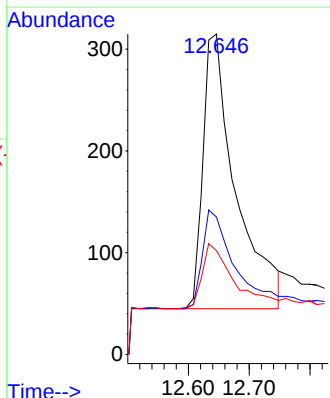
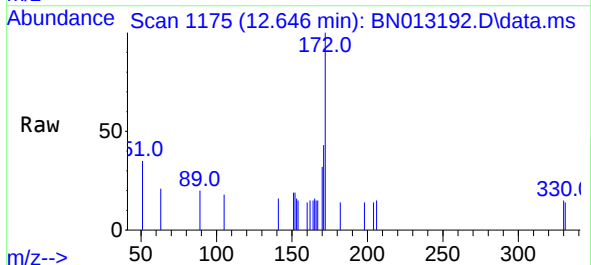
Instrument :
BNA_N
ClientSampleId :

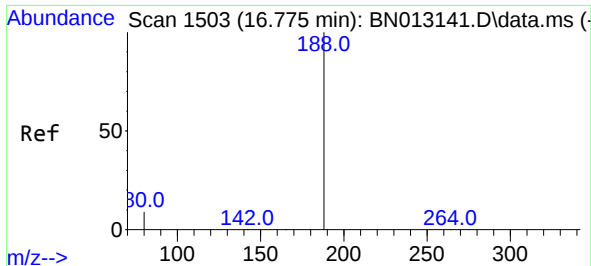
Tgt Ion:330 Resp: 149
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 55.0 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.013 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:172 Resp: 1010
Ion Ratio Lower Upper
172 100
171 42.9 28.2 42.4#
170 32.4 20.0 30.0#

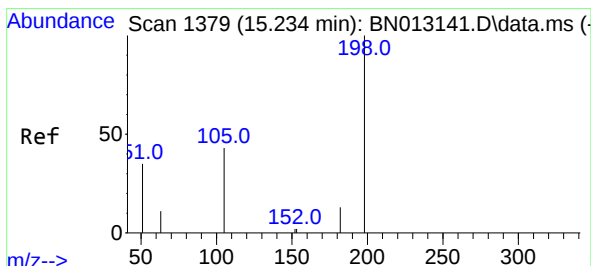
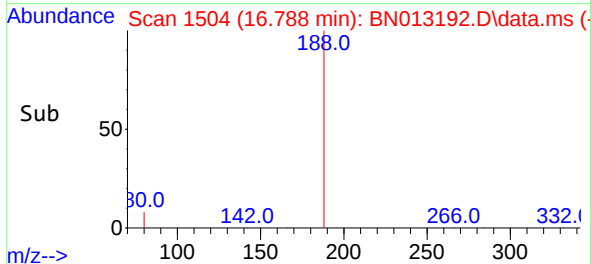
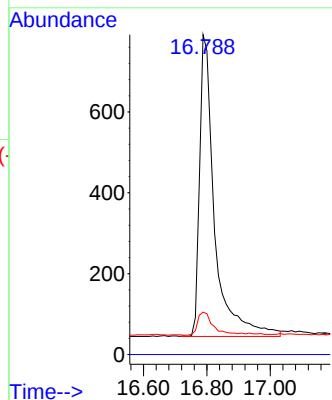
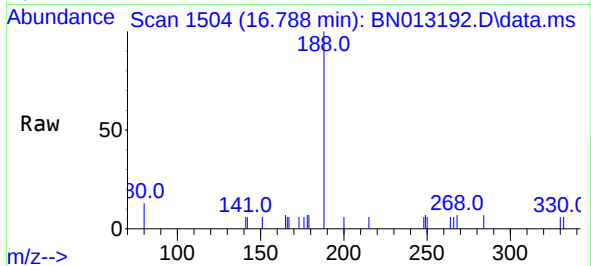




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

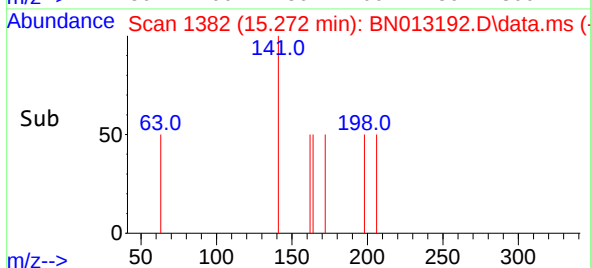
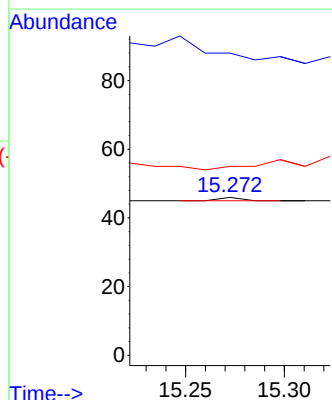
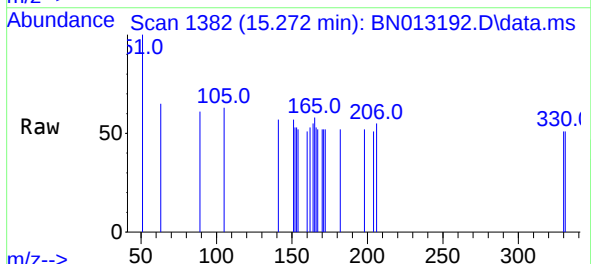
Instrument :
BNA_N
ClientSampled :

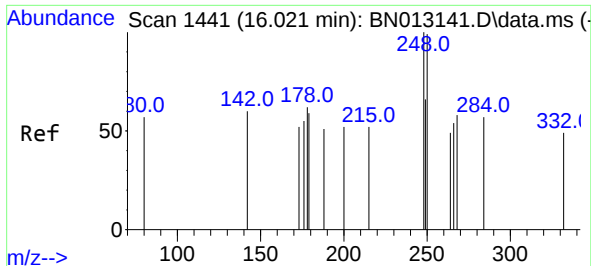
Tgt Ion:188 Resp: 2460
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.026 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

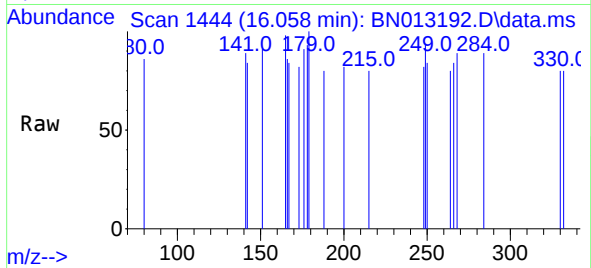
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 191.3 43.5 65.3#
105 119.6 27.2 40.8#



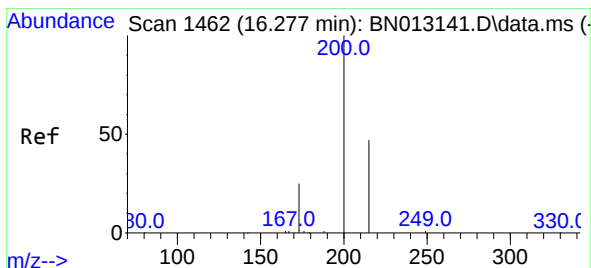
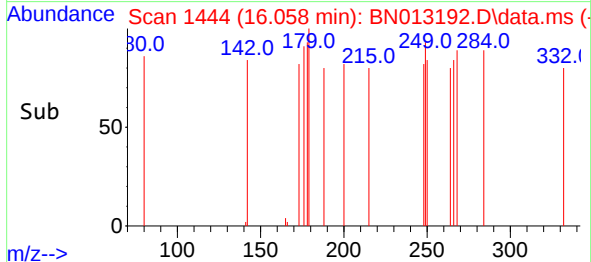
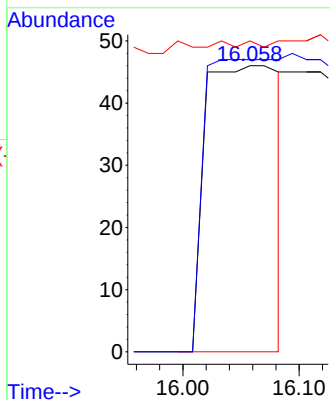


#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.058 min Scan# 1444
Delta R.T. 0.037 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Instrument :
BNA_N
ClientSampled :

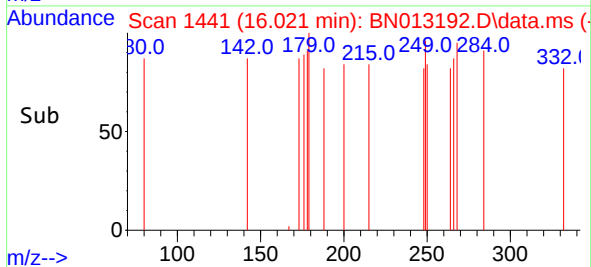
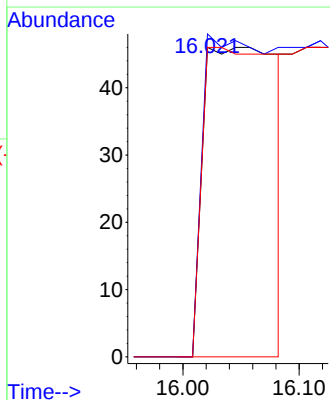
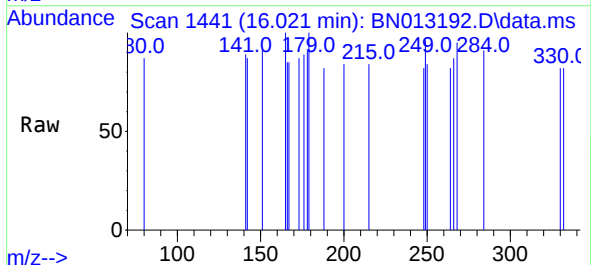


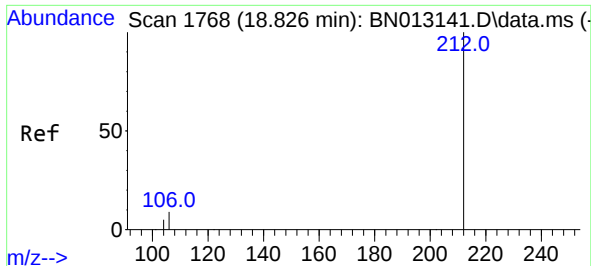
Tgt Ion:248 Resp: 201
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 108.7 57.8 86.8#



#23
Atrazine
Concen: 0.14 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:200 Resp: 202
Ion Ratio Lower Upper
200 100
173 104.3 22.8 34.2#
215 100.0 38.1 57.1#

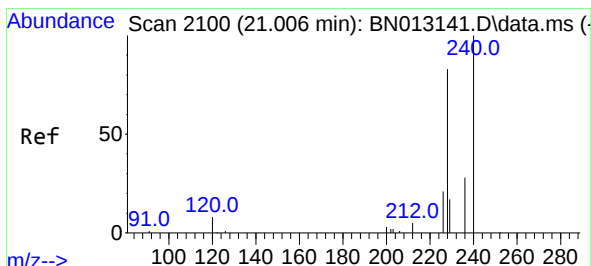
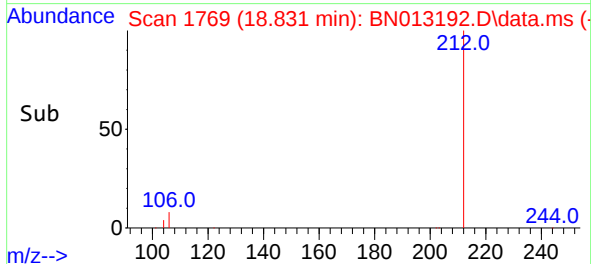
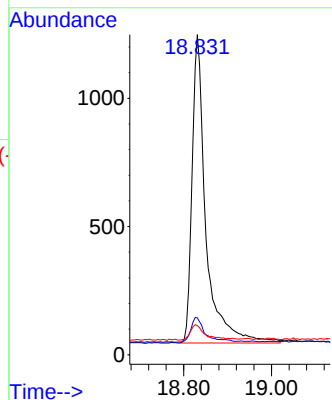
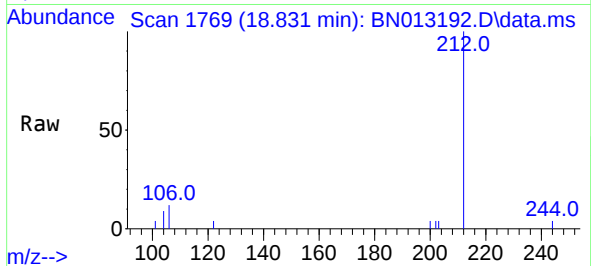




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

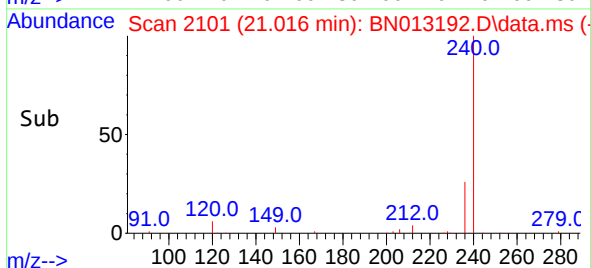
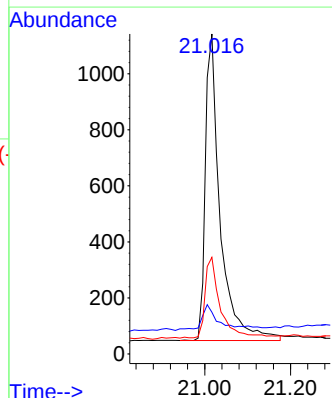
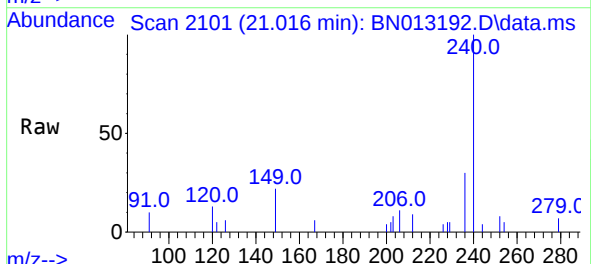
Instrument :
BNA_N
ClientSampled :

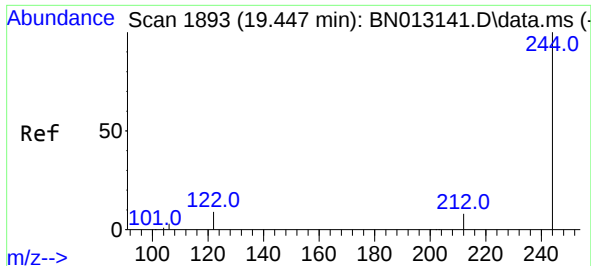
Tgt Ion:212 Resp: 2625
Ion Ratio Lower Upper
212 100
106 8.3 6.8 10.2
104 5.3 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:240 Resp: 2627
Ion Ratio Lower Upper
240 100
120 13.0 5.3 7.9#
236 30.2 21.8 32.8

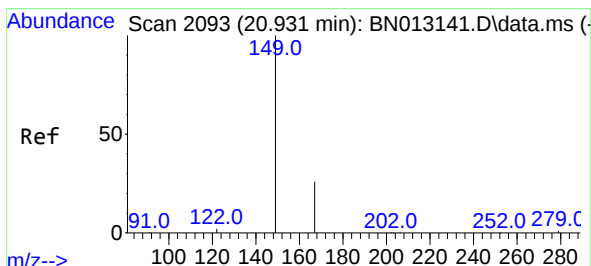
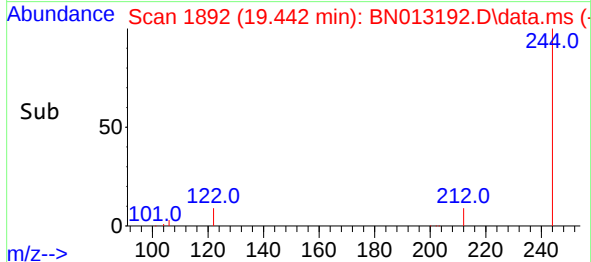
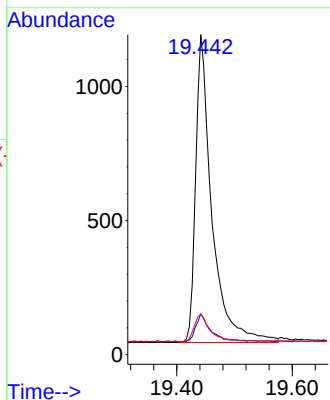
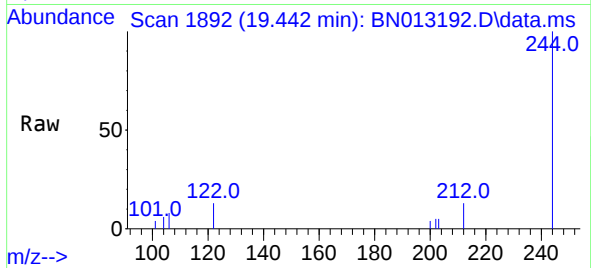




#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

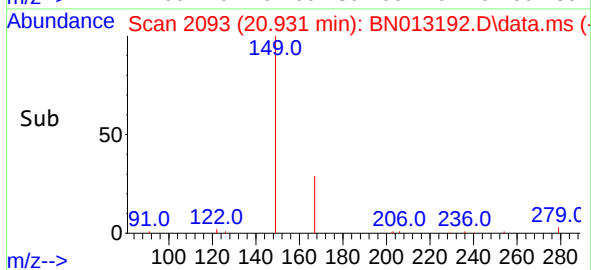
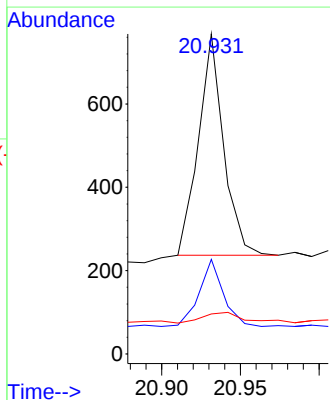
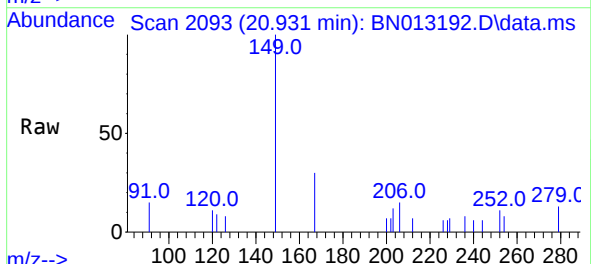
Instrument :
BNA_N
ClientSampleId :

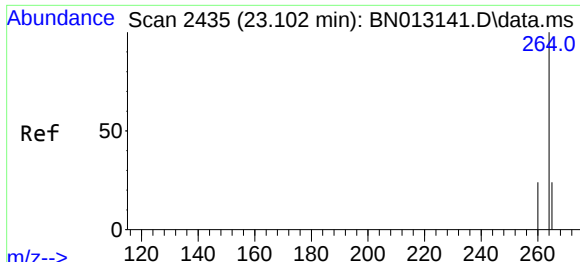
Tgt Ion:244 Resp: 2250
Ion Ratio Lower Upper
244 100
212 12.7 7.3 10.9#
122 12.7 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013192.D
Acq: 17 Dec 2020 18:49

Tgt Ion:149 Resp: 591
Ion Ratio Lower Upper
149 100
167 28.8 23.2 34.8
279 7.4 3.9 5.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.103 min Scan# 2435
 Delta R.T. 0.004 min
 Lab File: BN013192.D
 Acq: 17 Dec 2020 18:49

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:264 Resp: 2976

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.8	29.6
265	88.9	51.4	77.0#

