

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013178.D
 Acq On : 16 Dec 2020 22:44
 Operator : CG/JU
 Sample : L4996-27
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20201207

Quant Time: Dec 17 03:08:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

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

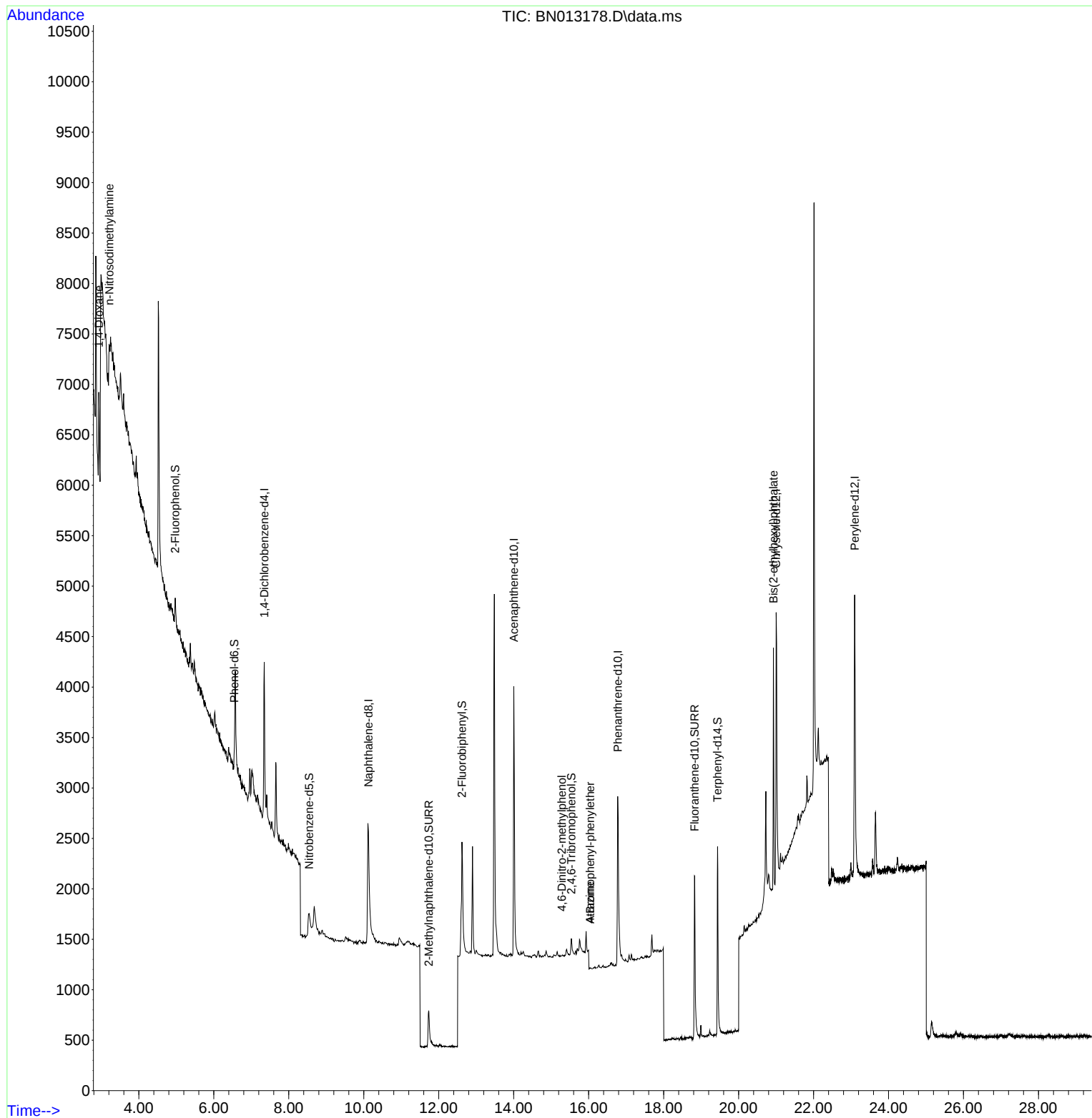
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	953	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2990	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1816	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3773	0.40	ng	# 0.00
29) Chrysene-d12	21.003	240	3694	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	4196	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	244	0.06	ng	0.00
5) Phenol-d6	6.549	99	162	0.04	ng	0.00
8) Nitrobenzene-d5	8.541	82	544	0.18	ng	0.03
11) 2-Methylnaphthalene-d10	11.733	152	942	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	164	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1520	0.20	ng	-0.01
27) Fluoranthene-d10	18.828	212	2664	0.21	ng	0.00
31) Terphenyl-d14	19.439	244	2431	0.26	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.933	88	534	0.32	ng	97
3) n-Nitrosodimethylamine	3.215	42	193	0.07	ng	# 21
20) 4,6-Dinitro-2-methylph...	15.285	198	5	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.045	248	171	0.23	ng	# 70
23) Atrazine	16.045	200	208	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	1918	0.03	ng	97

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

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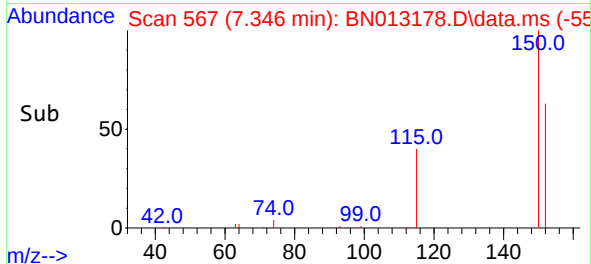
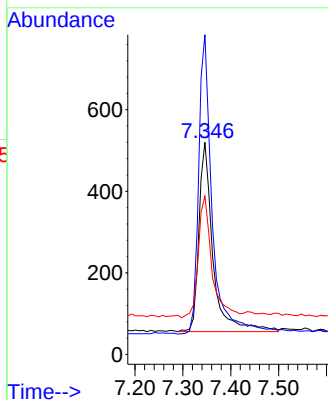
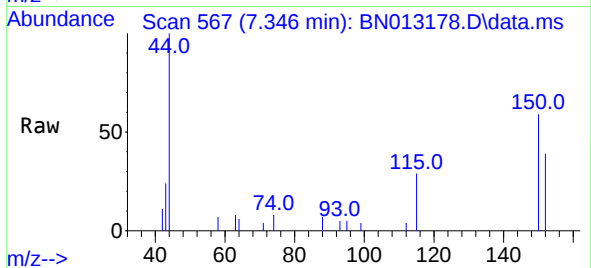




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

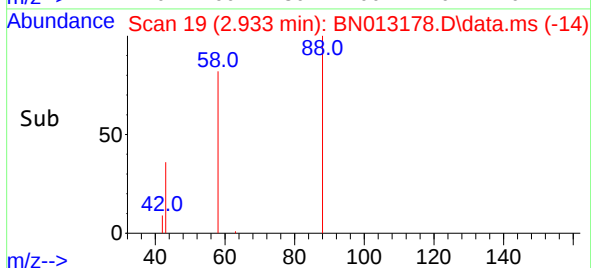
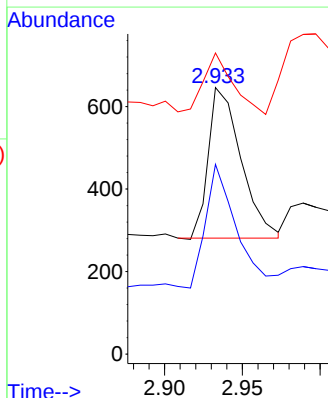
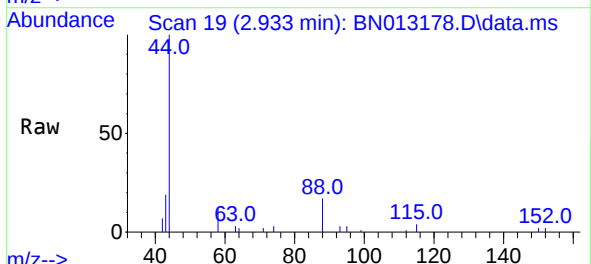
Instrument :
BNA_N
ClientSampleId :
DUP01-20201207

Tgt Ion:152 Resp: 953
Ion Ratio Lower Upper
152 100
150 150.8 116.6 174.8
115 74.6 52.9 79.3



#2
1,4-Dioxane
Concen: 0.32 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion: 88 Resp: 534
Ion Ratio Lower Upper
88 100
58 75.7 59.4 89.2
43 36.5 32.3 48.5

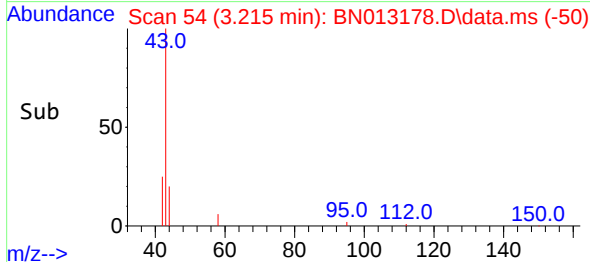
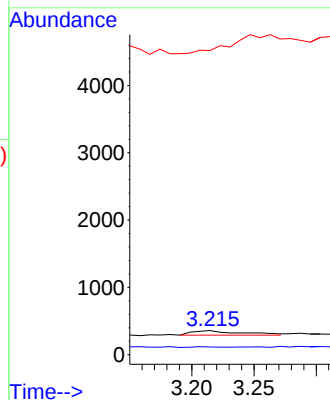
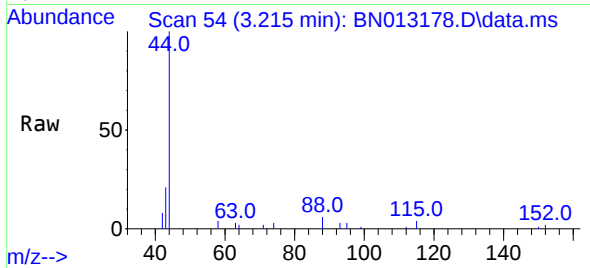




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.215 min Scan# 54
Delta R.T. -0.064 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

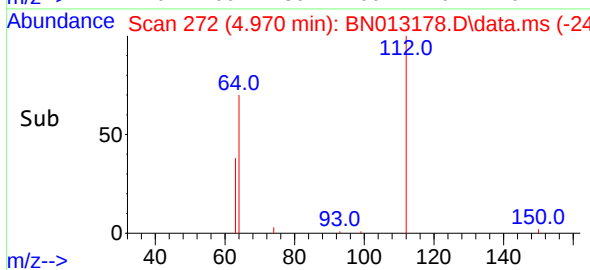
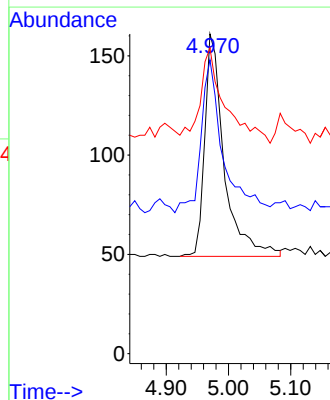
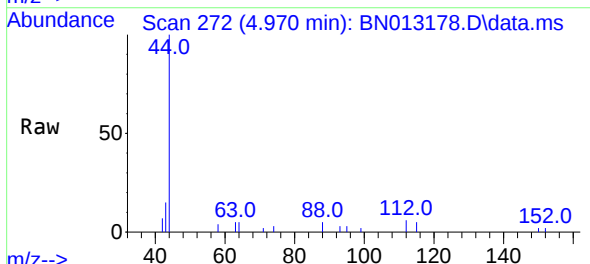
Instrument :
BNA_N
ClientSampleId :
DUP01-20201207

Tgt Ion: 42 Resp: 193
Ion Ratio Lower Upper
42 100
74 7.8 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.06 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion: 112 Resp: 244
Ion Ratio Lower Upper
112 100
64 77.0 49.5 74.3#
63 54.9 32.0 48.0#

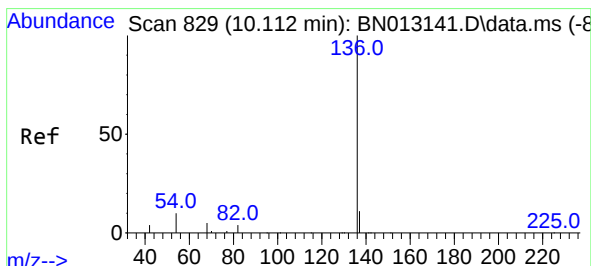
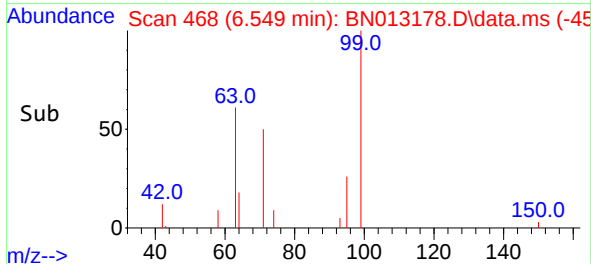
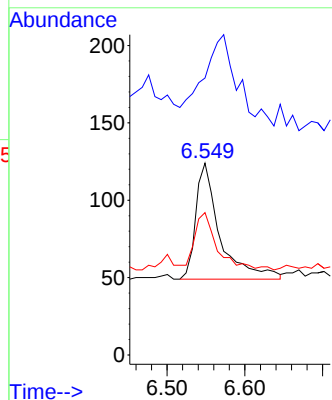
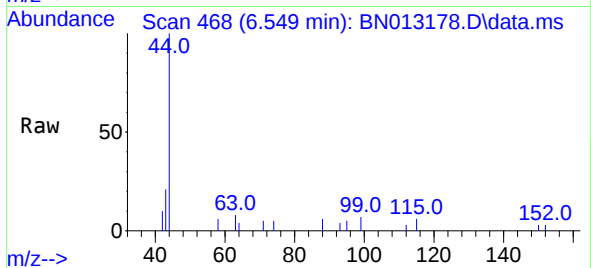




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

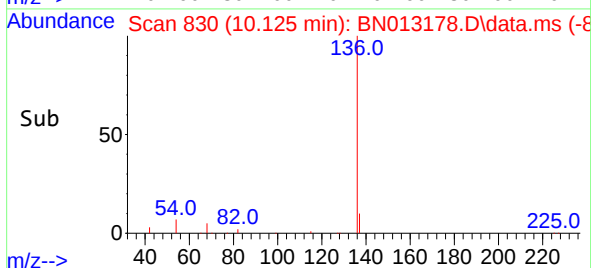
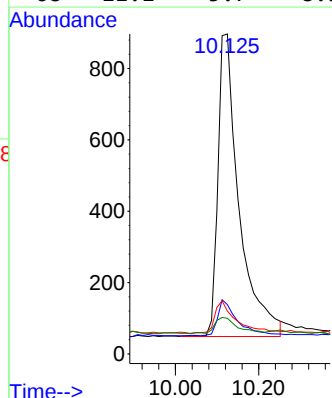
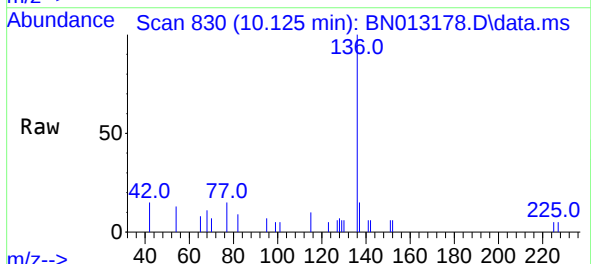
Instrument :
BNA_N
ClientSampleId :
DUP01-20201207

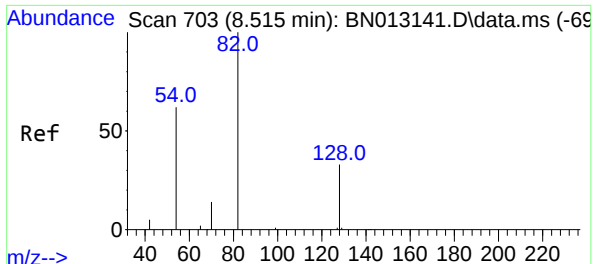
Tgt Ion: 99 Resp: 162
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 45.7 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion: 136 Resp: 2990
Ion Ratio Lower Upper
136 100
137 15.4 10.6 15.8
54 13.4 8.6 12.8#
68 11.1 5.7 8.5#

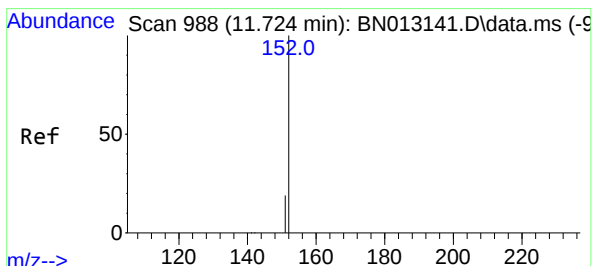
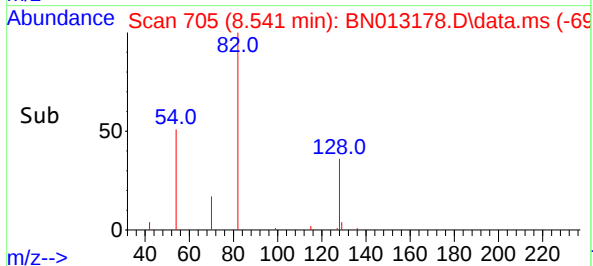
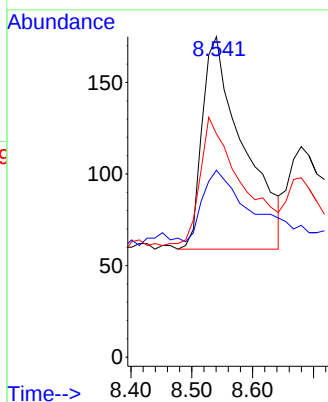
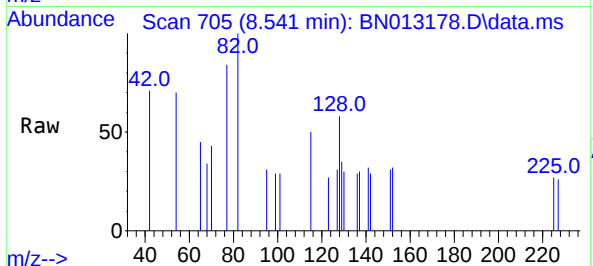




#8
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

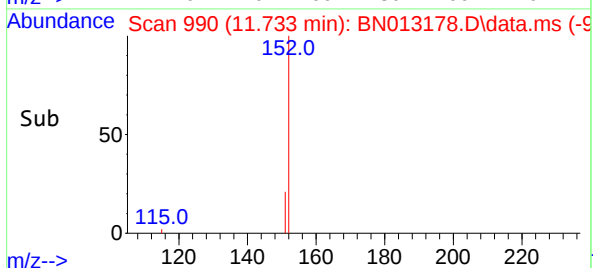
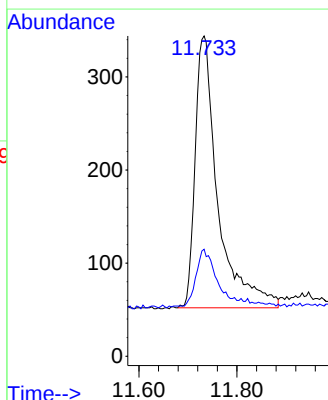
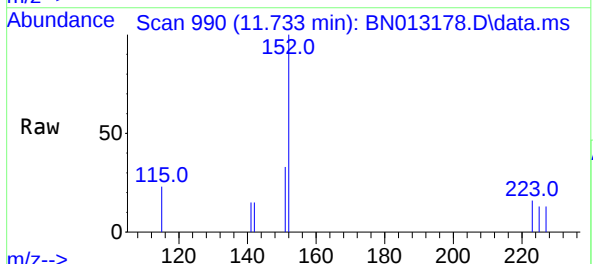
Instrument :
BNA_N
ClientSampleId :
DUP01-20201207

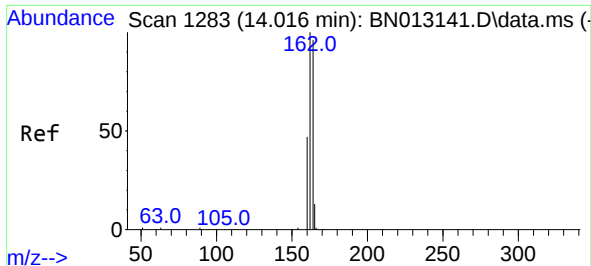
Tgt Ion: 82 Resp: 544
Ion Ratio Lower Upper
82 100
128 58.3 30.6 46.0#
54 69.7 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.18 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.009 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:152 Resp: 942
Ion Ratio Lower Upper
152 100
151 18.4 16.7 25.1

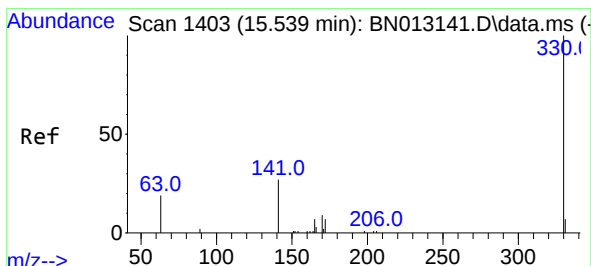
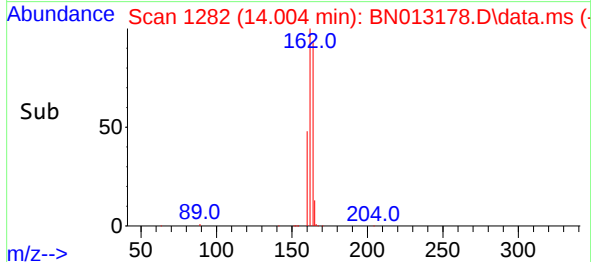
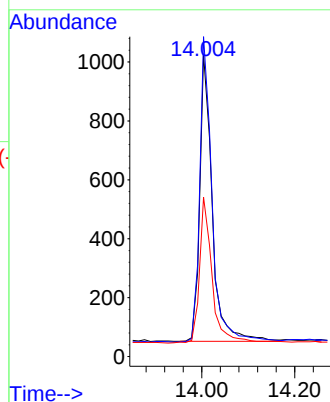
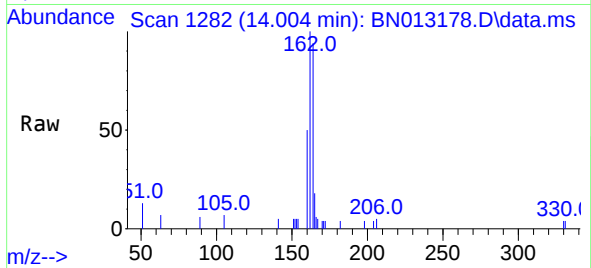




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

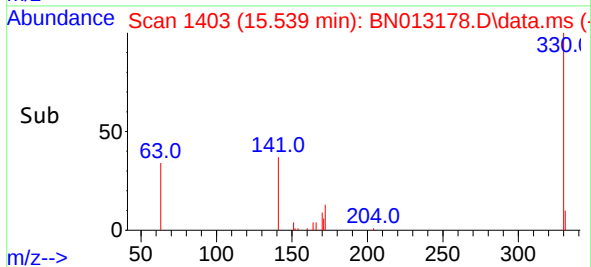
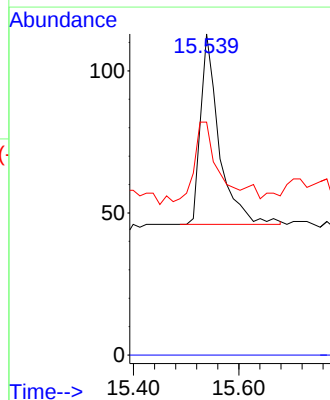
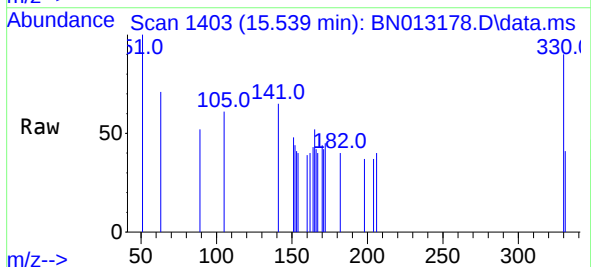
Instrument :
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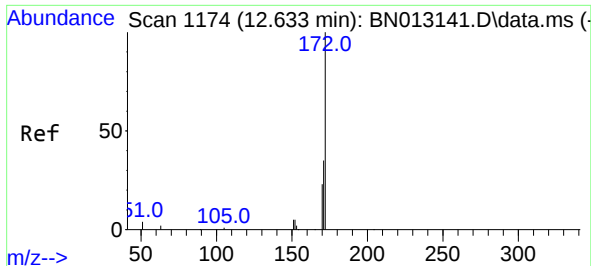
Tgt Ion:164 Resp: 1816
Ion Ratio Lower Upper
164 100
162 106.0 80.6 120.8
160 52.8 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:330 Resp: 164
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.3 34.4 51.6#

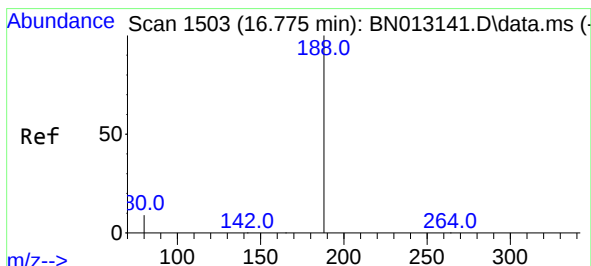
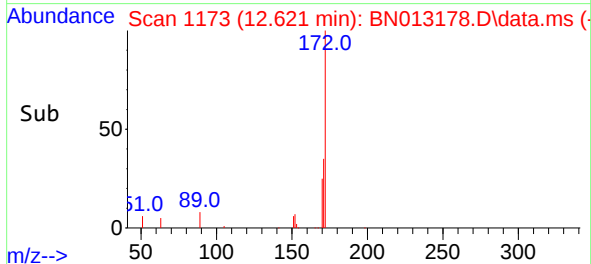
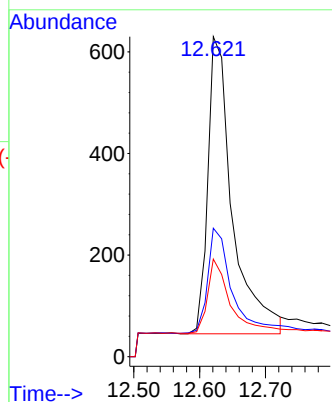
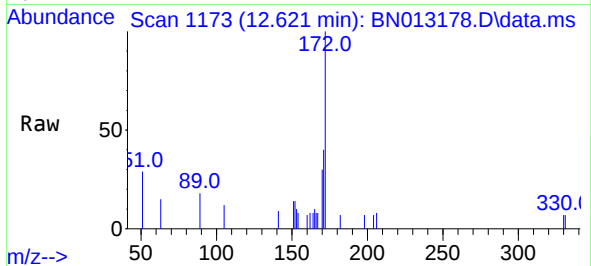




#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

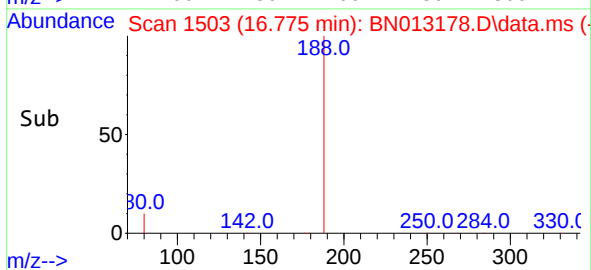
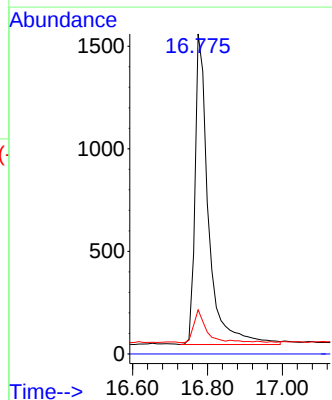
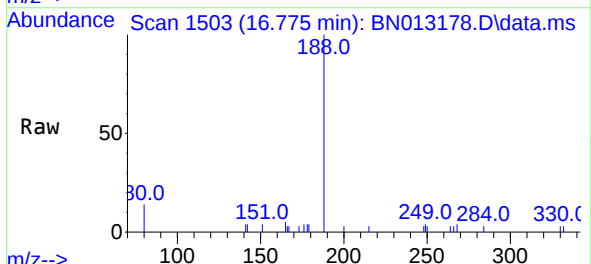
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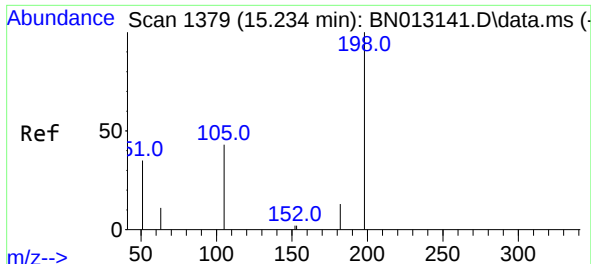
Tgt Ion:172	Resp:	1520
Ion Ratio	Lower	Upper
172	100	
171	40.2	28.2 42.4
170	30.5	20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:188	Resp:	3773
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.8	5.0 7.4#

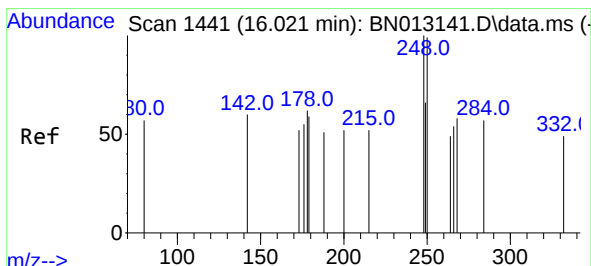
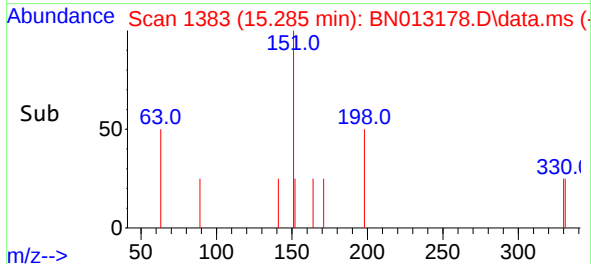
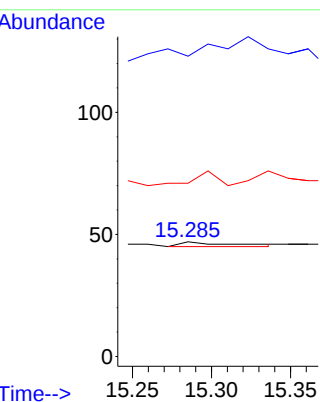
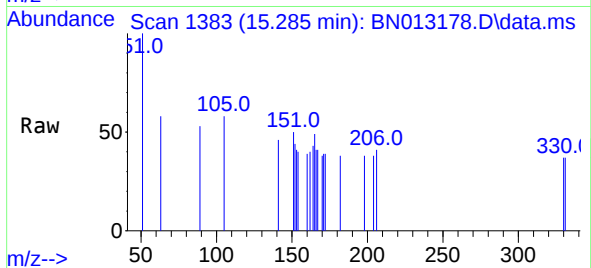




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.051 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

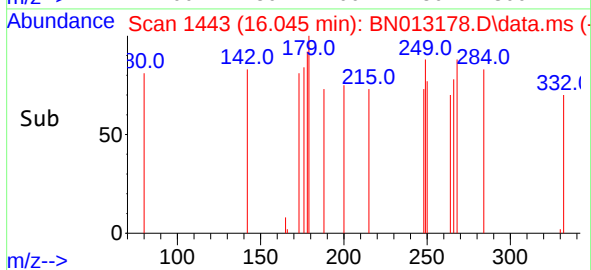
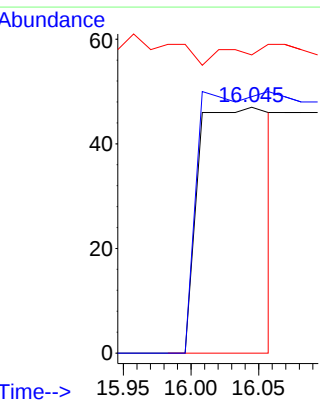
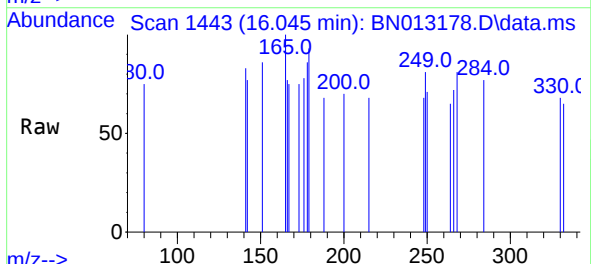
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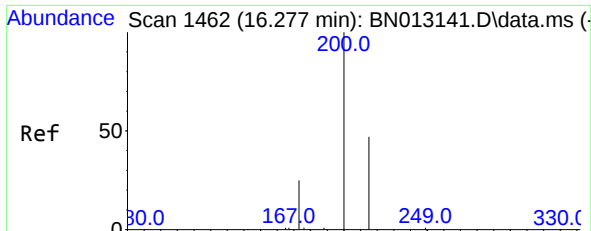
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 261.7 43.5 65.3#
105 151.1 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.23 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.024 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:248 Resp: 171
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 121.3 57.8 86.8#

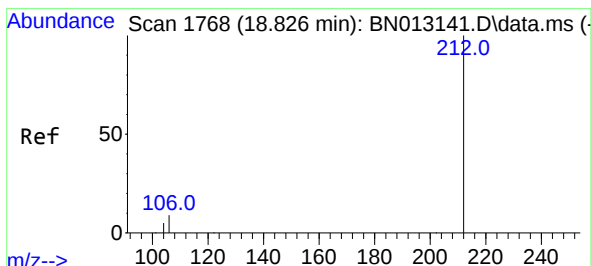
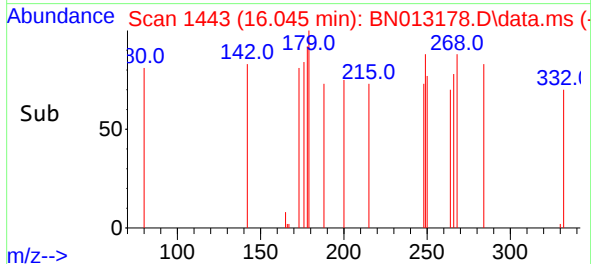
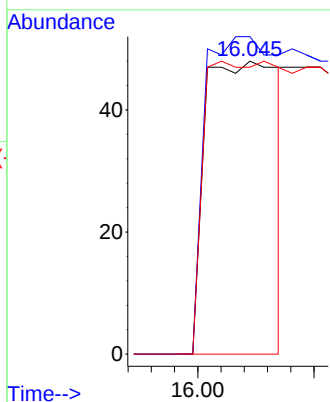
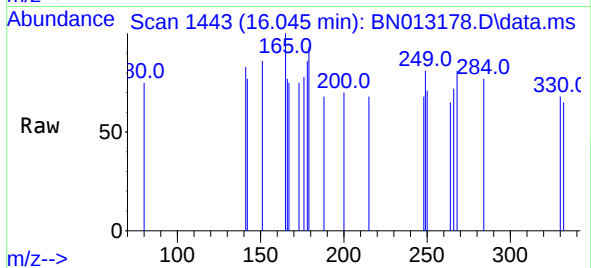




#23
Atrazine
Concen: 0.09 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.232 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

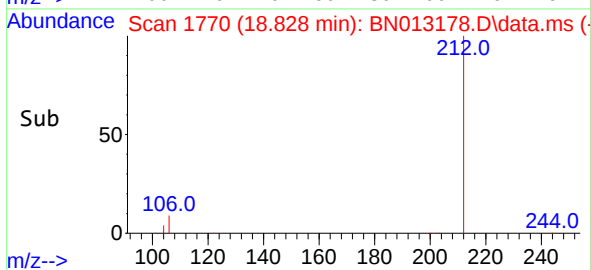
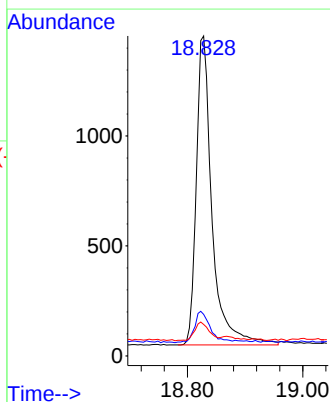
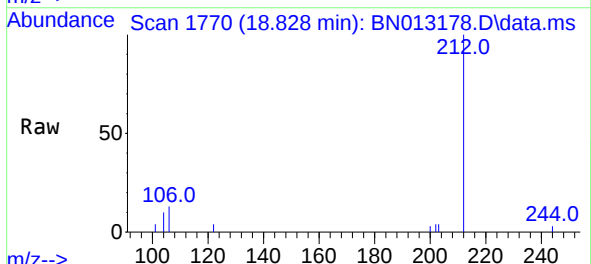
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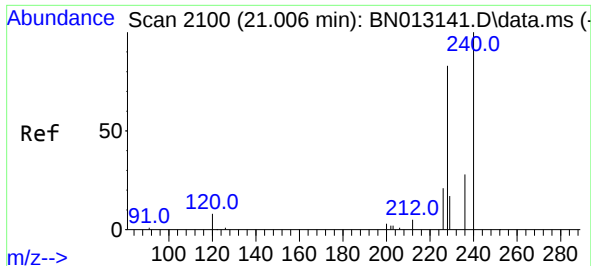
Tgt Ion:200 Resp: 208
Ion Ratio Lower Upper
200 100
173 108.3 22.8 34.2#
215 97.9 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.21 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:212 Resp: 2664
Ion Ratio Lower Upper
212 100
106 10.1 6.8 10.2
104 5.3 4.1 6.1

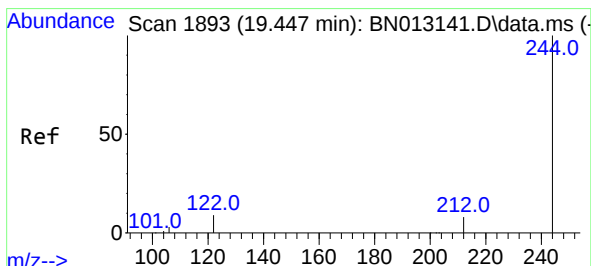
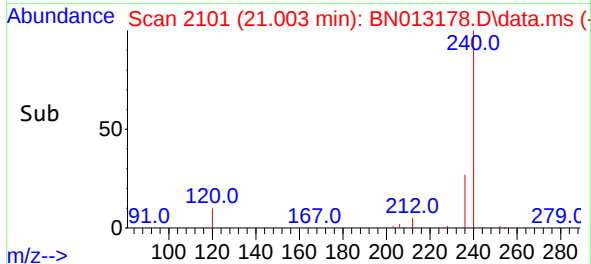
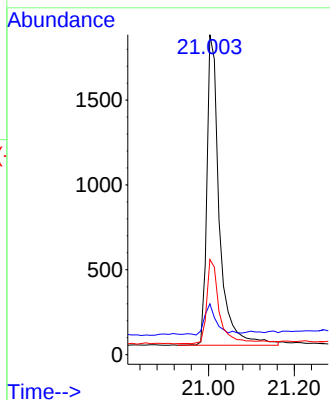
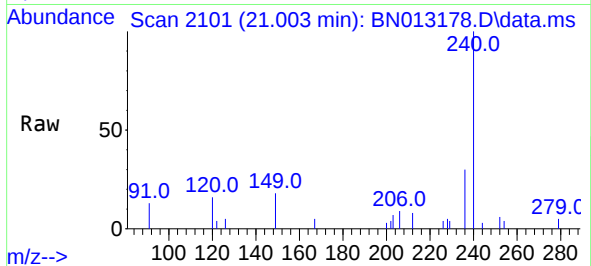




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

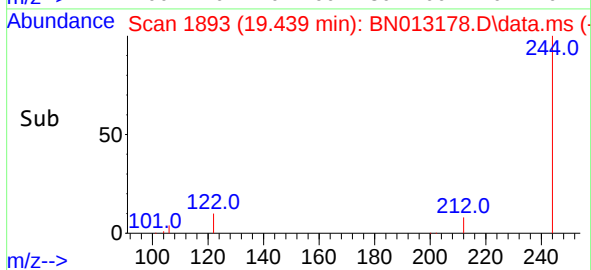
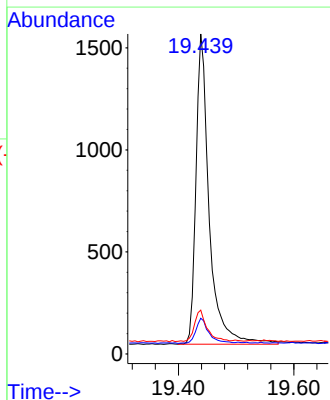
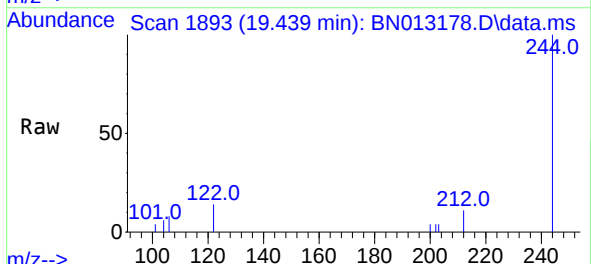
Instrument :
BNA_N
ClientSampleId :
DUP01-20201207

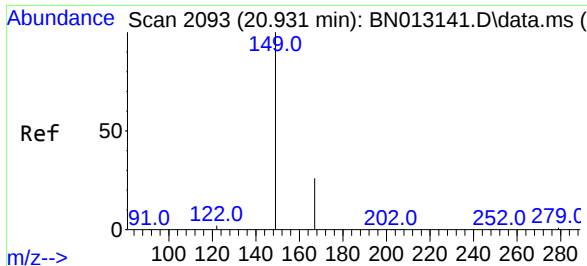
Tgt Ion:240 Resp: 3694
Ion Ratio Lower Upper
240 100
120 15.9 5.3 7.9#
236 29.7 21.8 32.8



#31
Terphenyl-d14
Concen: 0.26 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:244 Resp: 2431
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 13.7 7.3 10.9#

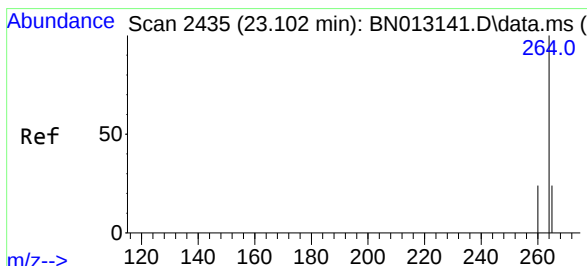
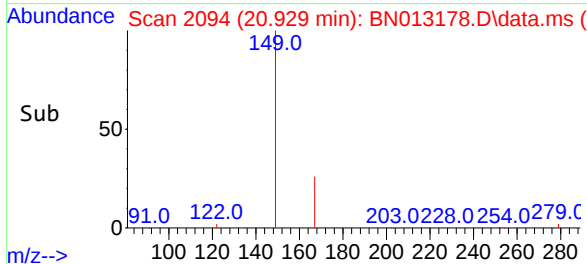
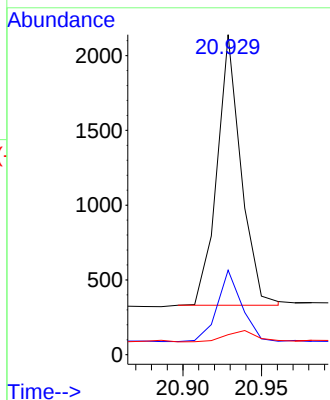
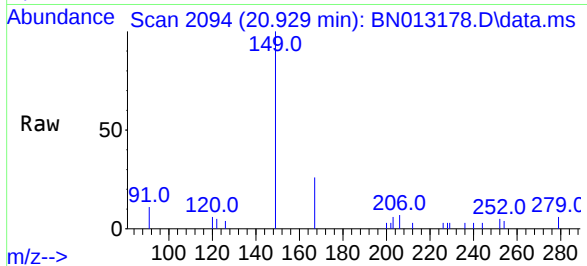




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Instrument :
BNA_N
ClientSampleId :
DUP01-20201207

Tgt Ion:149 Resp: 1918
Ion Ratio Lower Upper
149 100
167 27.0 23.2 34.8
279 5.5 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.096 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BN013178.D
Acq: 16 Dec 2020 22:44

Tgt Ion:264 Resp: 4196
Ion Ratio Lower Upper
264 100
260 26.1 19.8 29.6
265 79.5 51.4 77.0#

