

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013188.D
 Acq On : 17 Dec 2020 16:25
 Operator : CG/JU
 Sample : L5053-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 17 16:54:31 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)

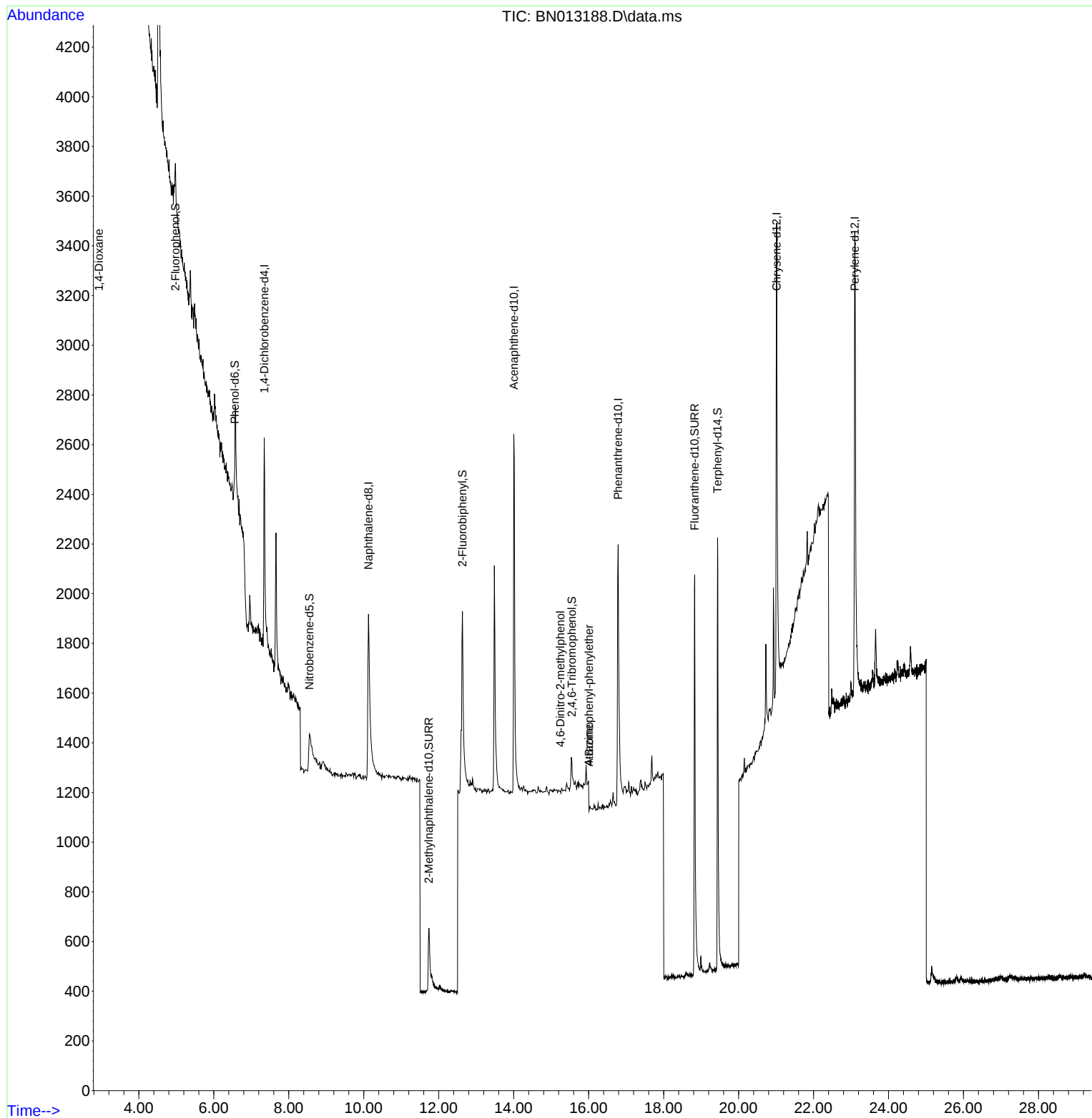
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	612	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1886	0.40	ng	# 0.01
13) Acenaphthene-d10	14.003	164	1204	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2594	0.40	ng	# 0.01
29) Chrysene-d12	21.013	240	2802	0.40	ng	# 0.00
36) Perylene-d12	23.100	264	3228	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	225	0.09	ng	0.00
5) Phenol-d6	6.557	99	103	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	392	0.20	ng	0.04
11) 2-Methylnaphthalene-d10	11.737	152	759	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.551	330	159	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1159	0.23	ng	0.00
27) Fluoranthene-d10	18.828	212	2874	0.34	ng	0.00
31) Terphenyl-d14	19.439	244	2561	0.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	2128	1.99	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.247	198	5	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	34	0.07	ng	# 74
23) Atrazine	16.008	200	170	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	415	Below Cal		# 99

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

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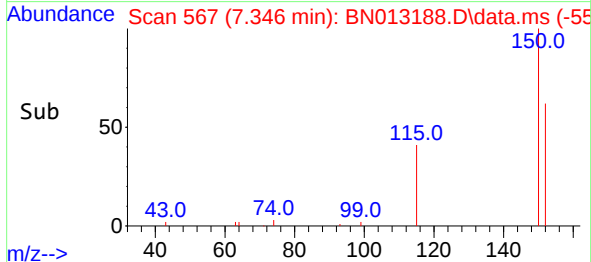
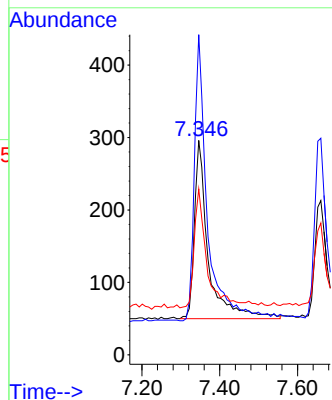
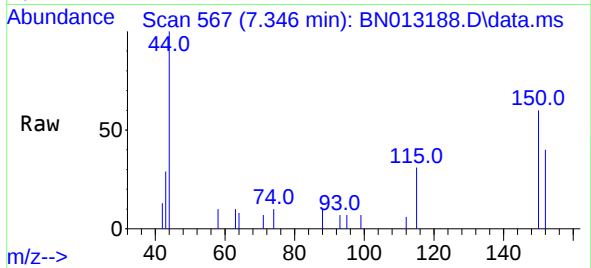




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

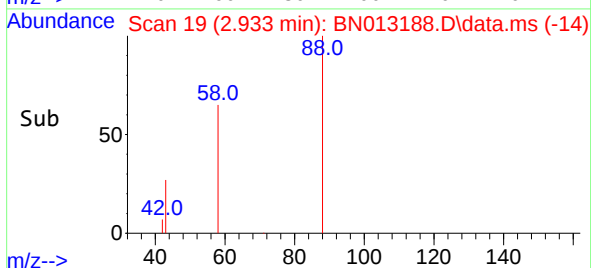
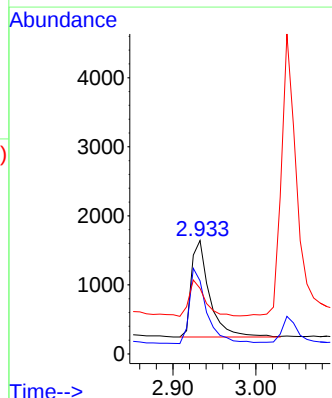
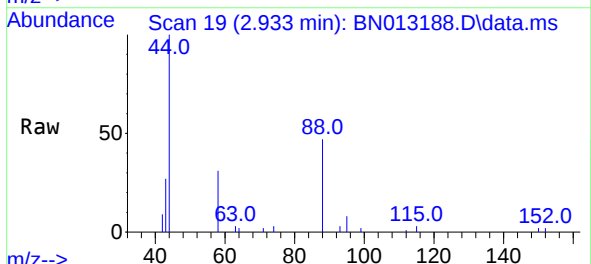
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 612
Ion Ratio Lower Upper
152 100
150 149.3 116.6 174.8
115 77.4 52.9 79.3



#2
1,4-Dioxane
Concen: 1.99 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion: 88 Resp: 2128
Ion Ratio Lower Upper
88 100
58 73.8 59.4 89.2
43 32.2 32.3 48.5#



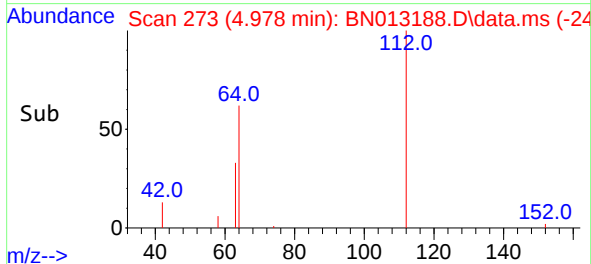
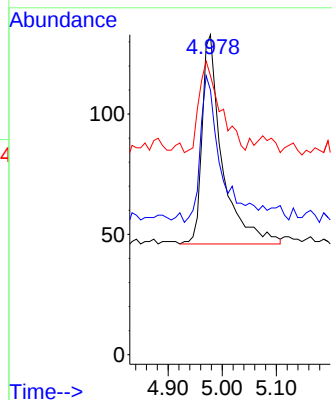
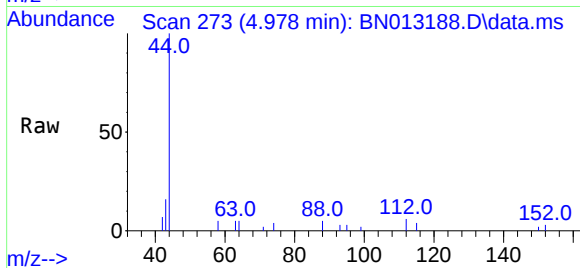


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Instrument :
BNA_N
ClientSampled :

Tgt Ion:112 Resp: 225

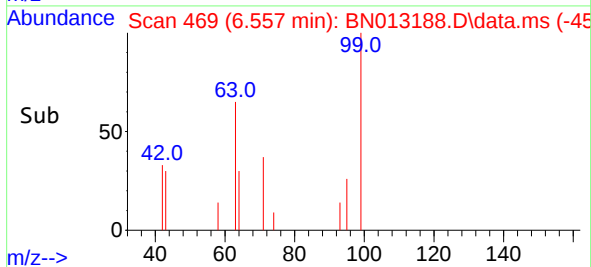
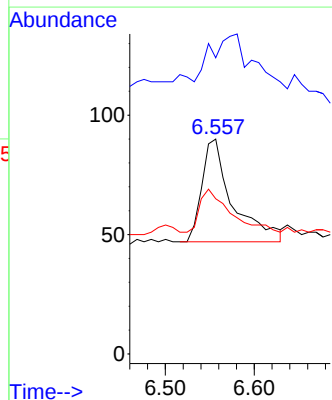
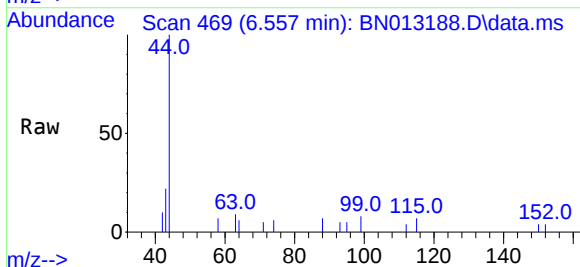
Ion	Ratio	Lower	Upper
112	100		
64	70.7	49.5	74.3
63	45.8	32.0	48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion: 99 Resp: 103

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	44.7	37.8	56.6



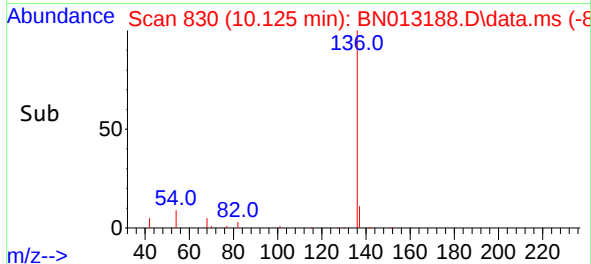
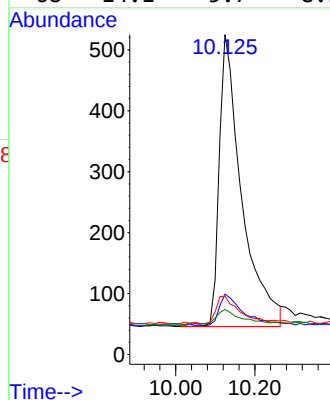
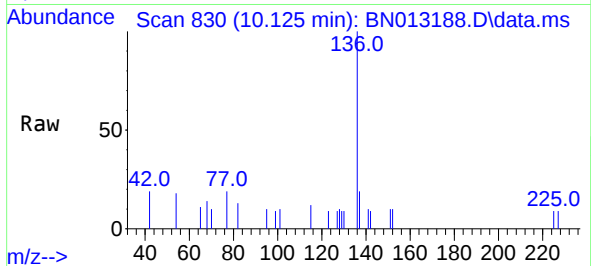


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Instrument :
BNA_N
ClientSampled :

Tgt Ion: 136 Resp: 1886

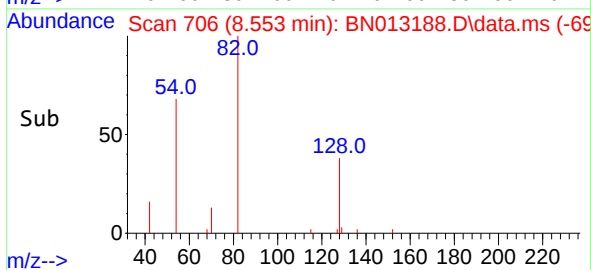
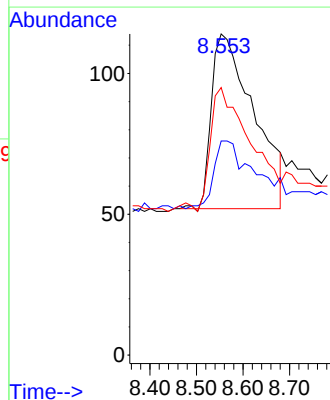
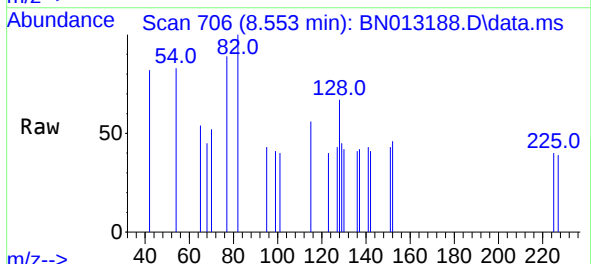
Ion	Ratio	Lower	Upper
136	100		
137	18.9	10.6	15.8#
54	18.3	8.6	12.8#
68	14.1	5.7	8.5#

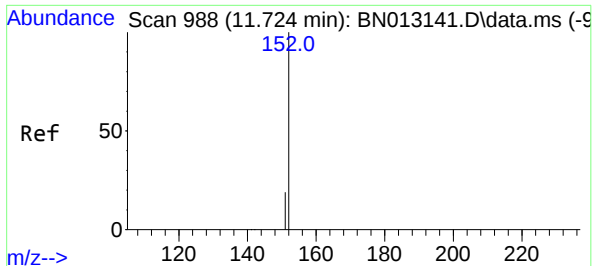


#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion: 82 Resp: 392

Ion	Ratio	Lower	Upper
82	100		
128	66.7	30.6	46.0#
54	83.3	48.3	72.5#

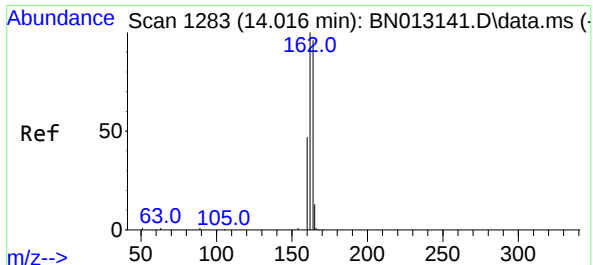
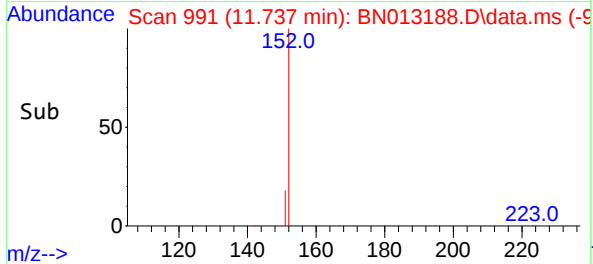
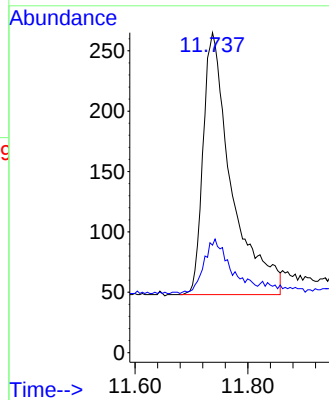
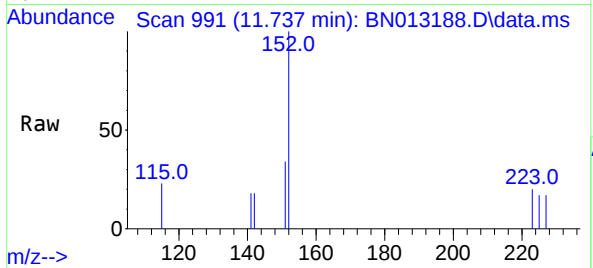




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.737 min Scan# 991
Delta R.T. 0.009 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

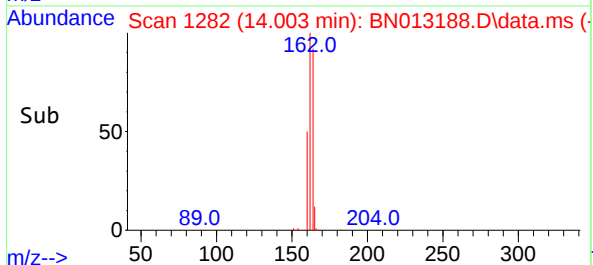
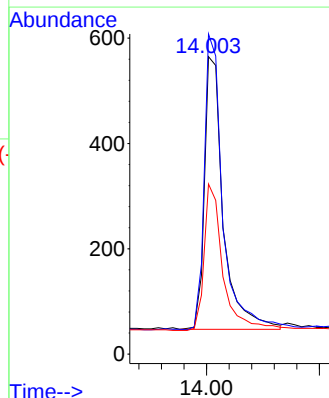
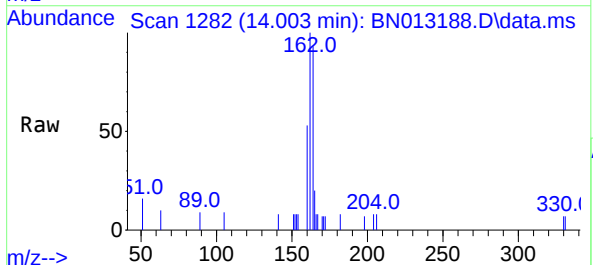
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 759
Ion Ratio Lower Upper
152 100
151 18.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion:164 Resp: 1204
Ion Ratio Lower Upper
164 100
162 107.6 80.6 120.8
160 57.2 39.5 59.3

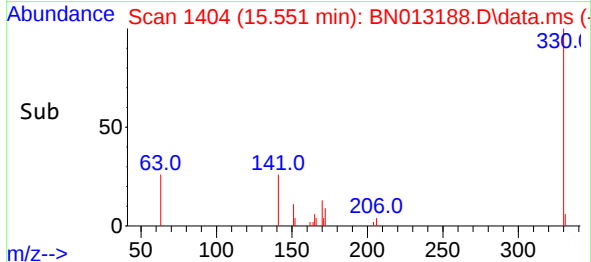
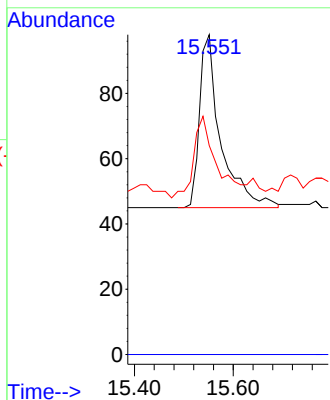
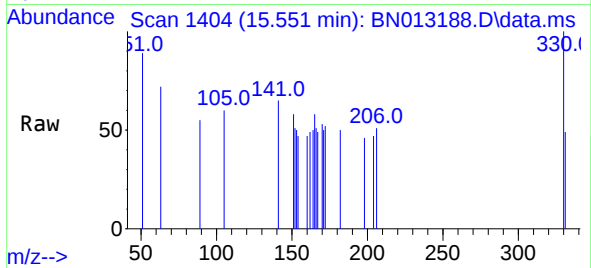




#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

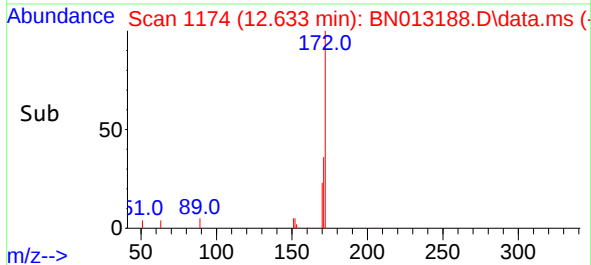
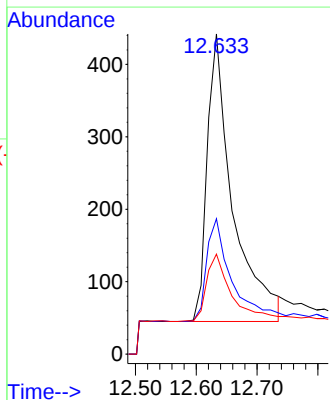
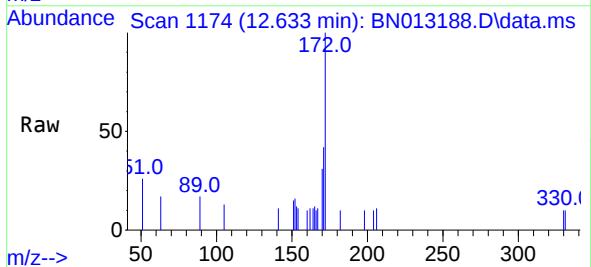
Instrument :
BNA_N
ClientSampled :

Tgt Ion:330 Resp: 159
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.1 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: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion:172 Resp: 1159
Ion Ratio Lower Upper
172 100
171 42.3 28.2 42.4
170 31.2 20.0 30.0#

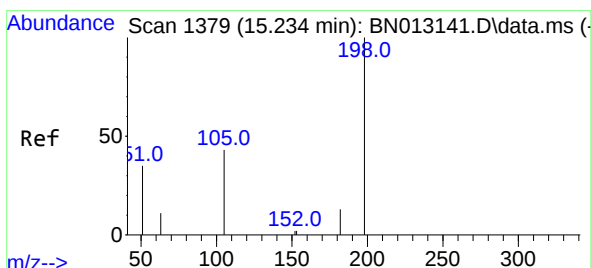
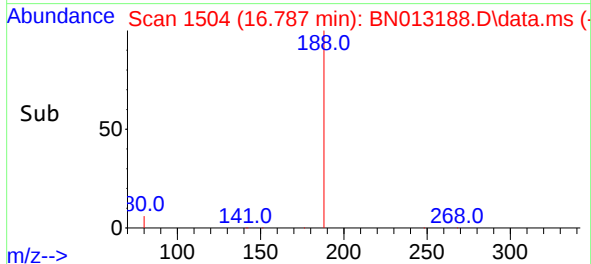
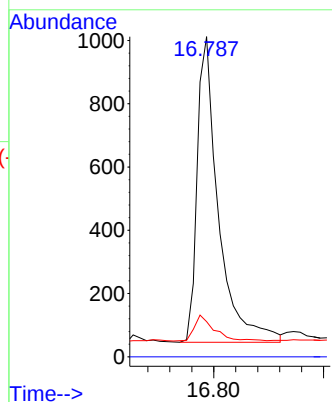
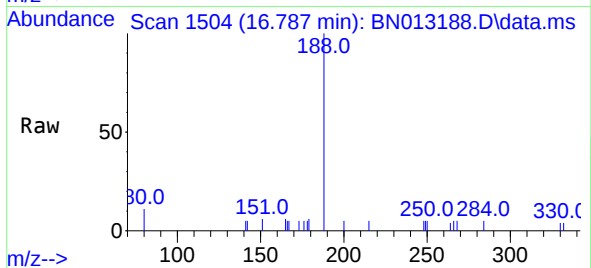




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

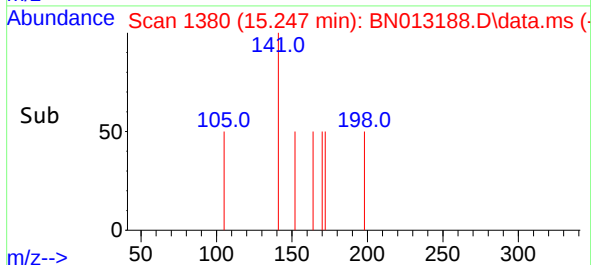
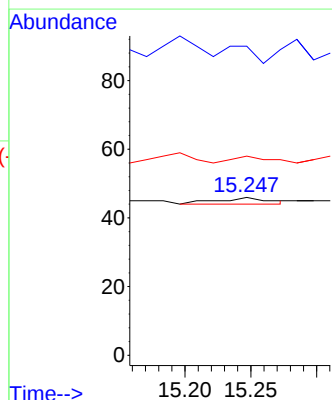
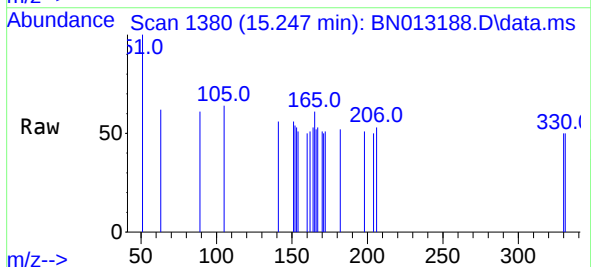
Instrument :
BNA_N
ClientSampled :

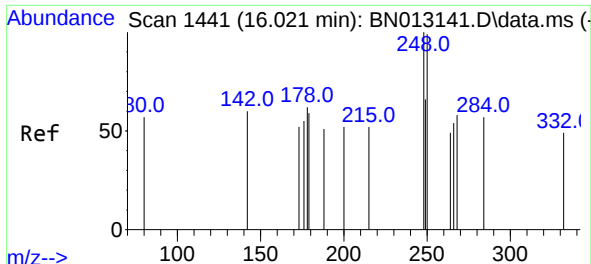
Tgt Ion:188	Resp:	2594
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.0	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
51	195.7	43.5
105	126.1	27.2

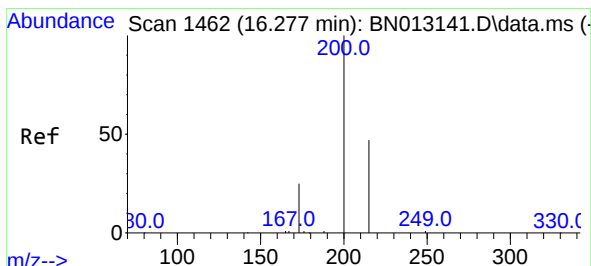
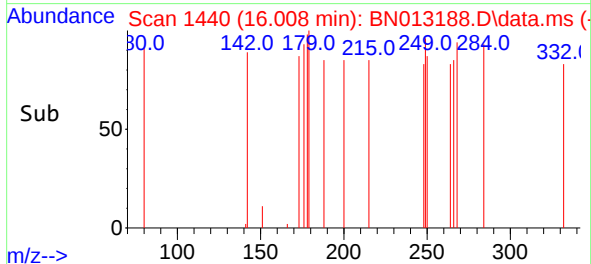
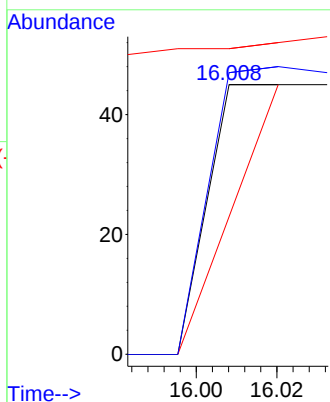
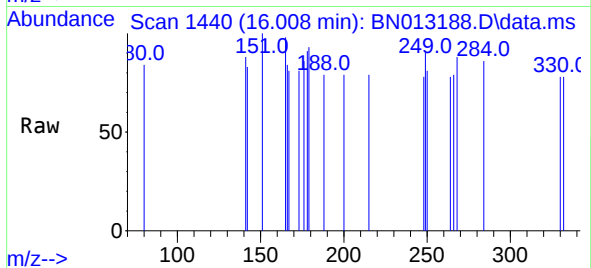




#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

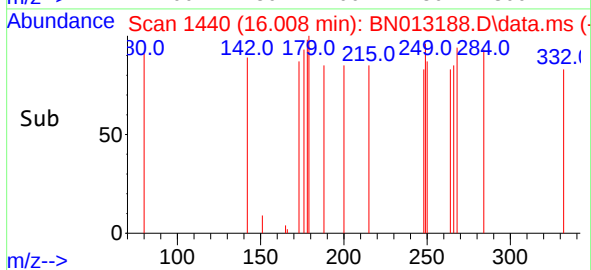
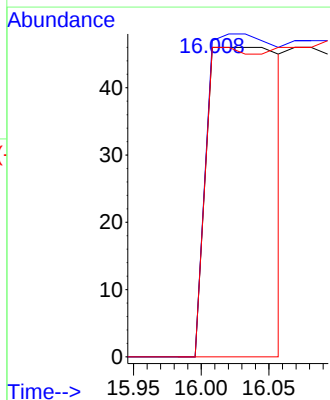
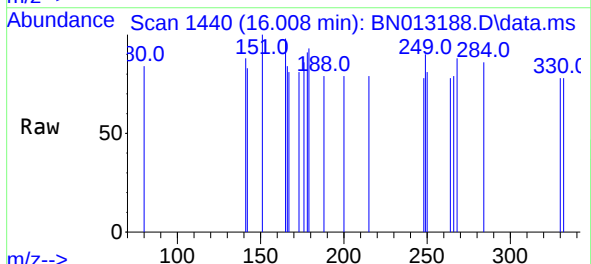
Instrument :
BNA_N
ClientSampled :

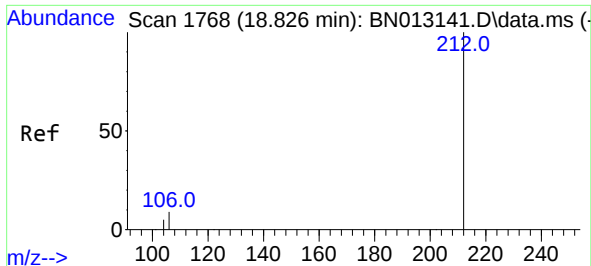
Tgt Ion:248 Resp: 34
Ion Ratio Lower Upper
248 100
250 104.4 77.3 115.9
141 113.3 57.8 86.8#



#23
Atrazine
Concen: 0.11 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#

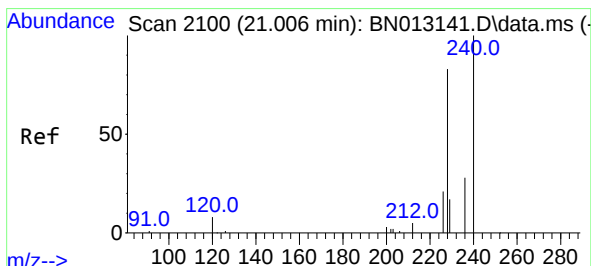
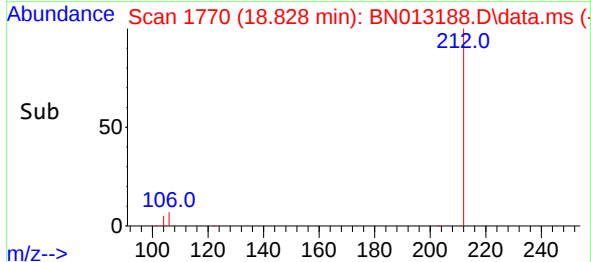
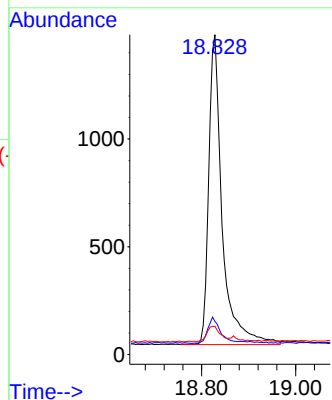
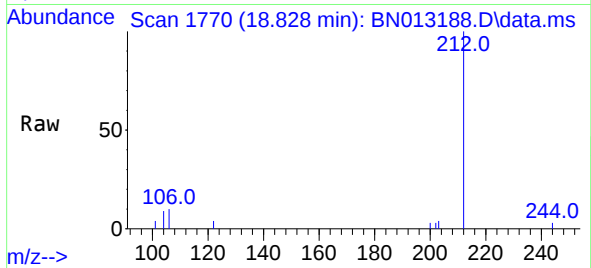




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

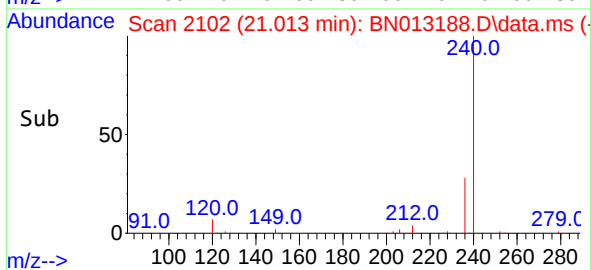
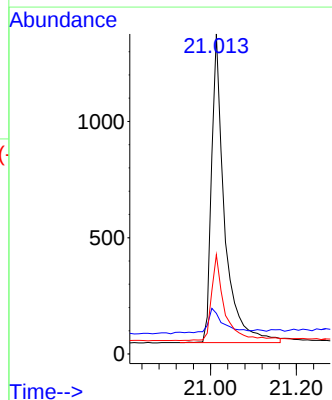
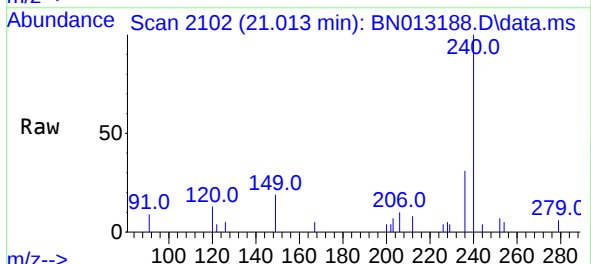
Instrument :
BNA_N
ClientSampled :

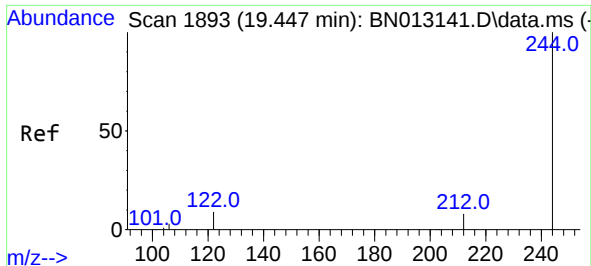
Tgt Ion:212 Resp: 2874
Ion Ratio Lower Upper
212 100
106 7.8 6.8 10.2
104 4.7 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.013 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Tgt Ion:240 Resp: 2802
Ion Ratio Lower Upper
240 100
120 12.7 5.3 7.9#
236 31.0 21.8 32.8

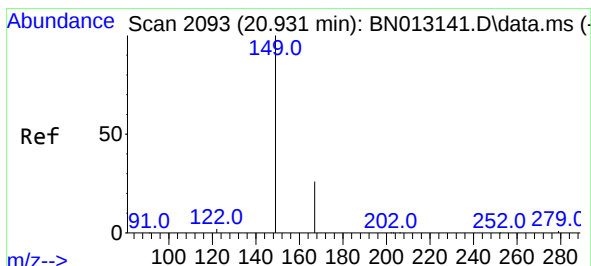
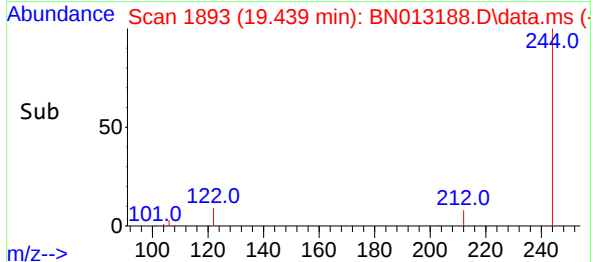
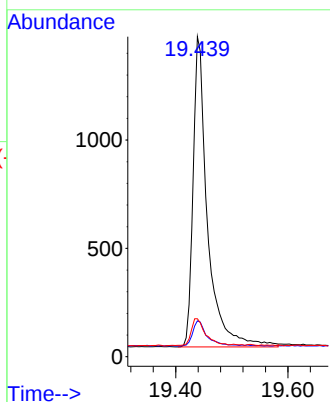
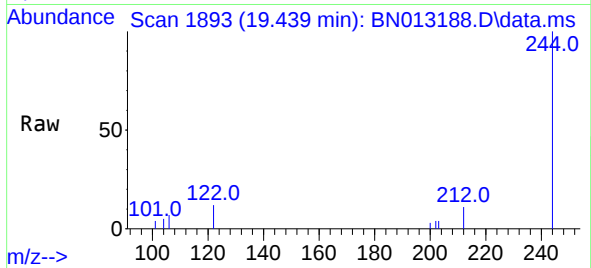




#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

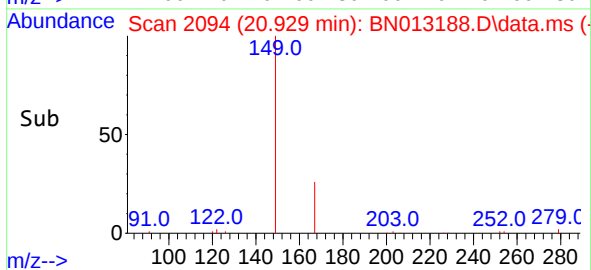
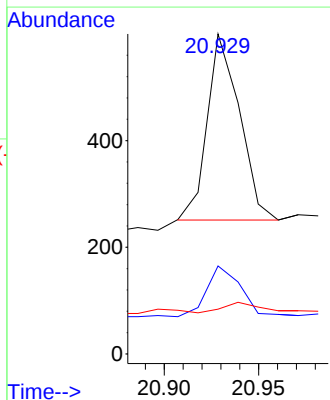
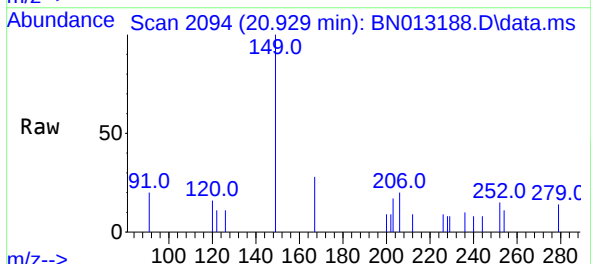
Instrument :
BNA_N
ClientSampled :

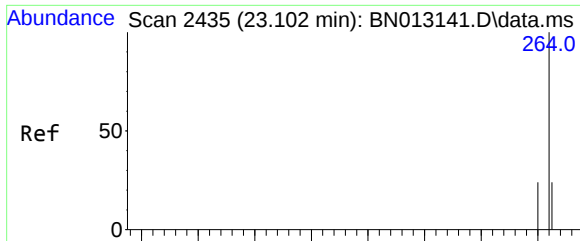
Tgt Ion:244 Resp: 2561
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 11.8 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

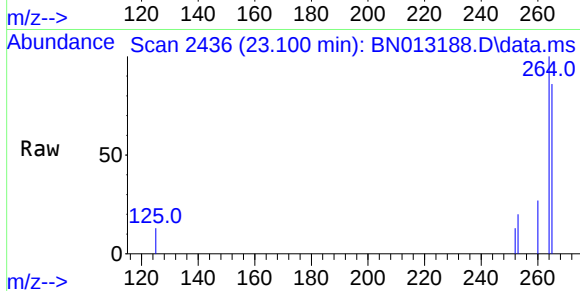
Tgt Ion:149 Resp: 415
Ion Ratio Lower Upper
149 100
167 28.9 23.2 34.8
279 6.5 3.9 5.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.100 min Scan# 2436
Delta R.T. 0.001 min
Lab File: BN013188.D
Acq: 17 Dec 2020 16:25

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3228

Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.6
265	86.3	51.4	77.0#

