

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
 Data File : BN012138.D
 Acq On : 10 Oct 2020 00:32
 Operator : CG/JU
 Sample : L4342-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BACKFILL OFFSITE-4-SO-5

Quant Time: Oct 10 01:59:07 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 18:10:29 2020
 Response via : Initial Calibration

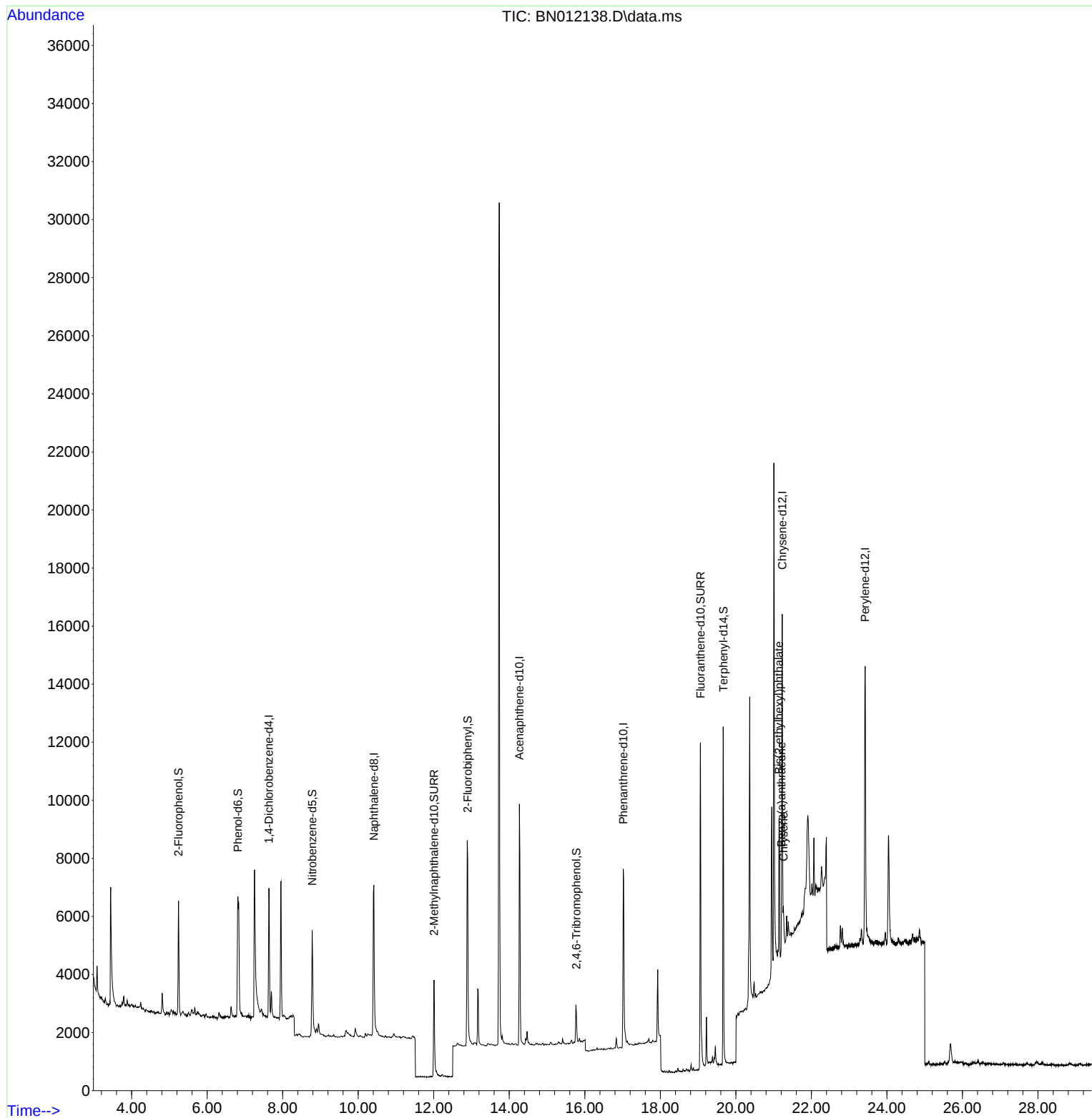
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	2206	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	9127	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	5211	0.40	ng	-0.01
19) Phenanthrene-d10	17.017	188	11283	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	12635	0.40	ng	# 0.00
36) Perylene-d12	23.422	264	13176	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2862	0.37	ng	0.00
5) Phenol-d6	6.813	99	3620	0.37	ng	0.00
8) Nitrobenzene-d5	8.780	82	3739	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	5783	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	1114	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	7778	0.39	ng	0.00
27) Fluoranthene-d10	19.062	212	14057	0.42	ng	0.00
31) Terphenyl-d14	19.668	244	12619	0.44	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.206	228	873	0.02	ng	# 76
33) Chrysene	21.259	228	1038	0.02	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.142	149	4916	0.17	ng	# 90

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

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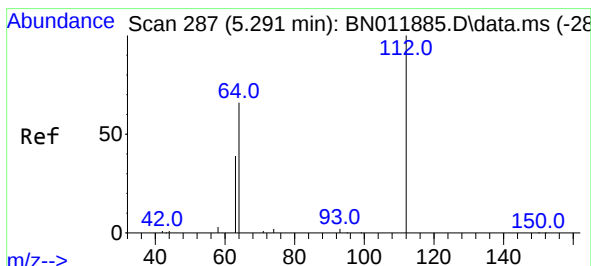
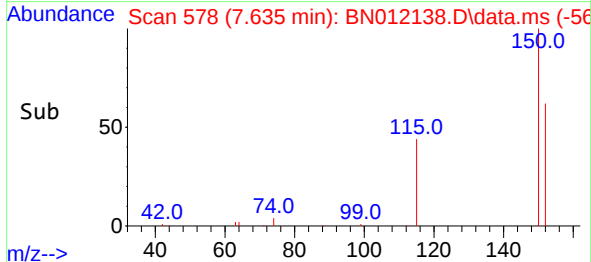
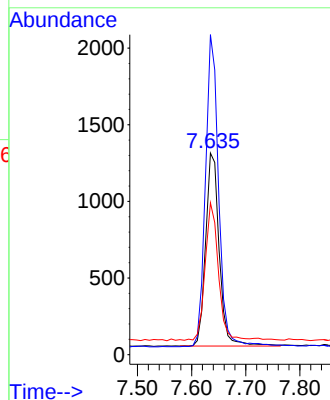
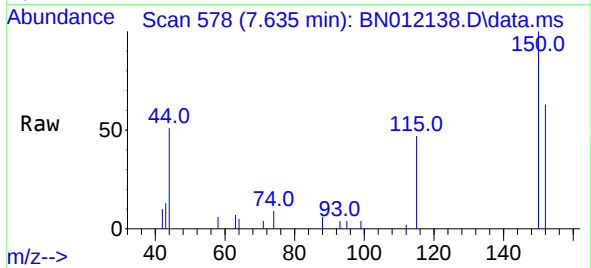




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.635 min Scan# 578
Delta R.T. -0.007 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

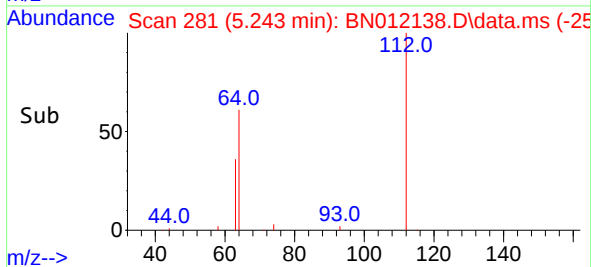
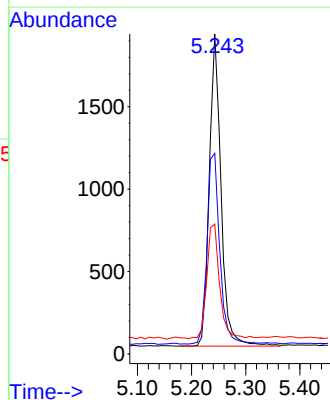
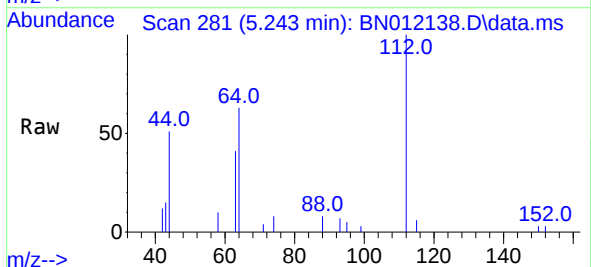
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-4-SO-5

Tgt Ion:152 Resp: 2206
Ion Ratio Lower Upper
152 100
150 158.8 118.3 177.5
115 75.4 51.3 76.9



#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:112 Resp: 2862
Ion Ratio Lower Upper
112 100
64 66.1 49.0 73.6
63 39.7 31.8 47.6

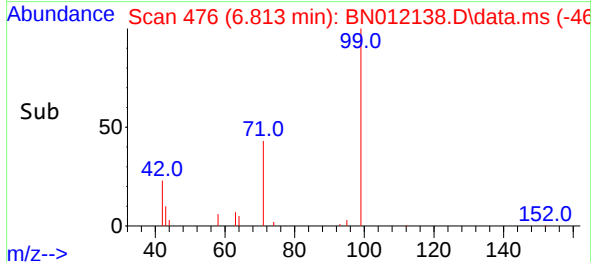
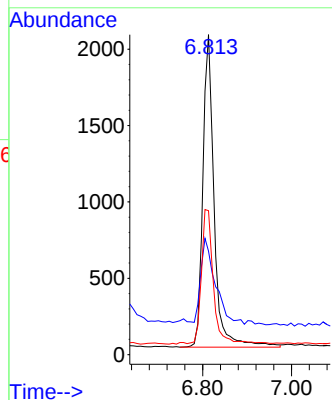
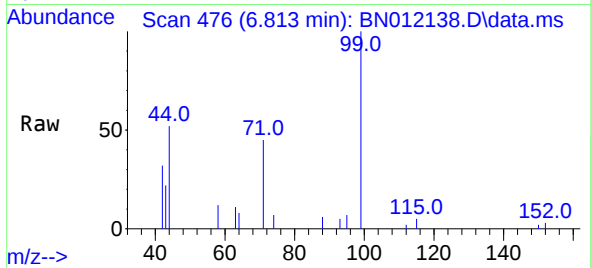




#5
Phenol-d6
Concen: 0.37 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

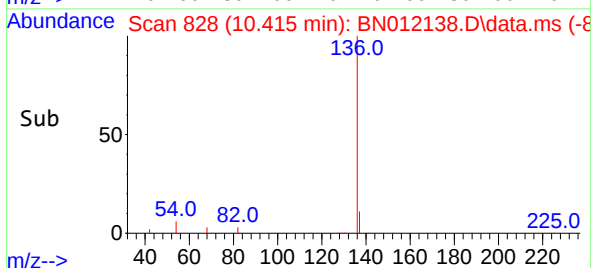
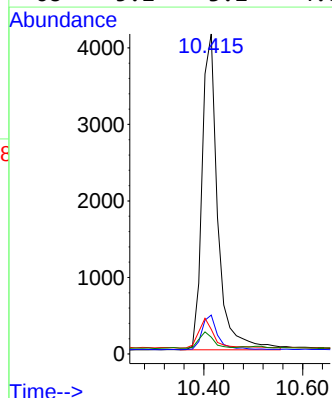
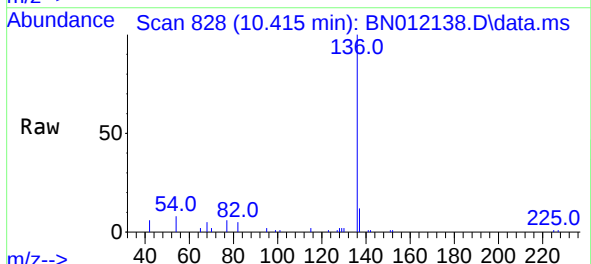
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-4-SO-5

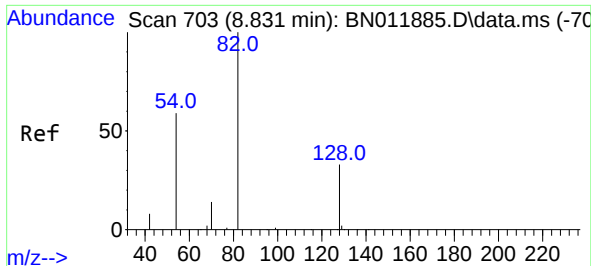
Tgt Ion: 99 Resp: 3620
Ion Ratio Lower Upper
99 100
42 35.6 23.4 35.0#
71 44.8 38.1 57.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion: 136 Resp: 9127
Ion Ratio Lower Upper
136 100
137 12.2 9.5 14.3
54 7.7 5.6 8.4
68 5.2 3.2 4.8#

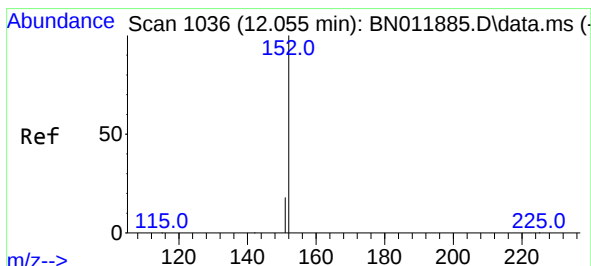
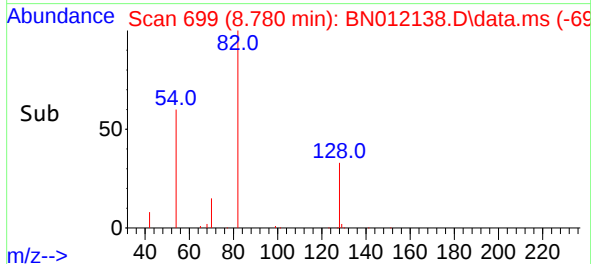
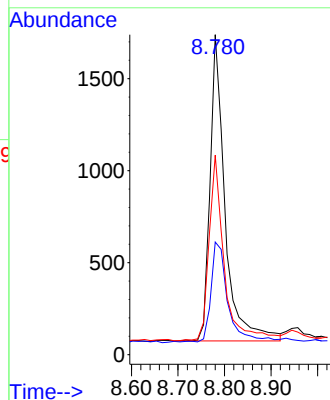
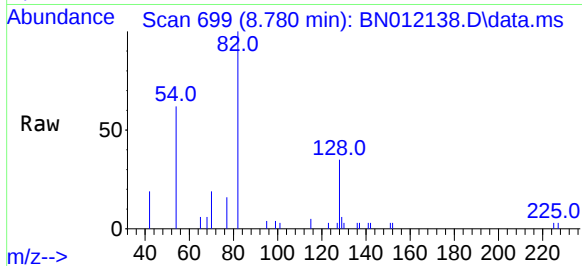




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.780 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

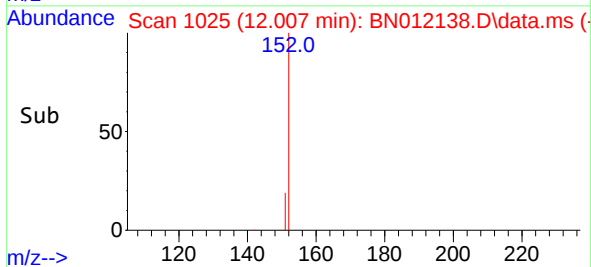
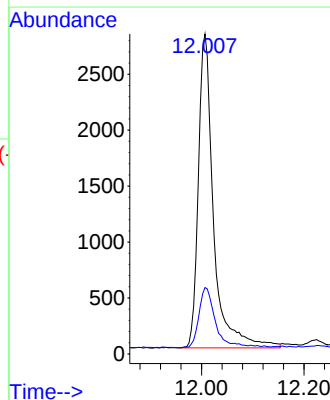
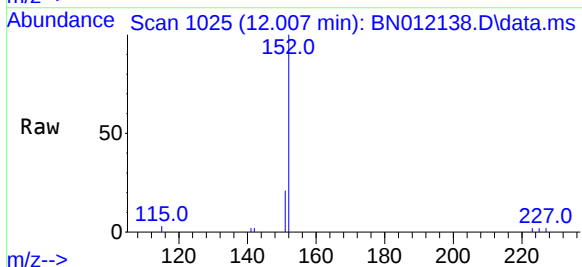
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-4-SO-5

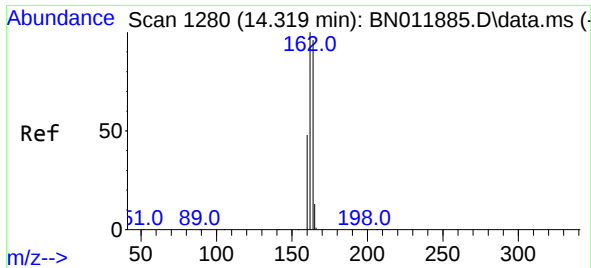
Tgt Ion:	82	Resp:	3739
Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.2	51.2
54	62.3	43.1	64.7



#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.007 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:	152	Resp:	5783
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

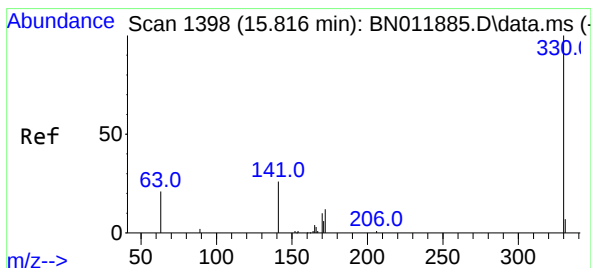
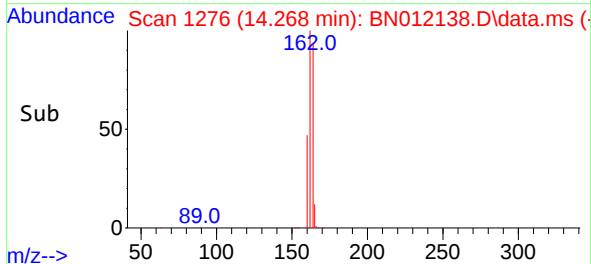
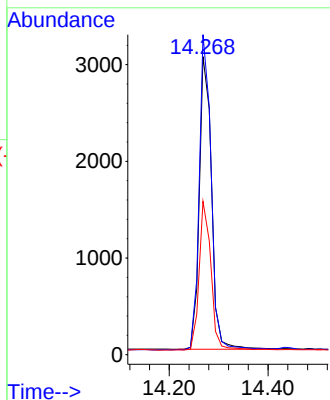
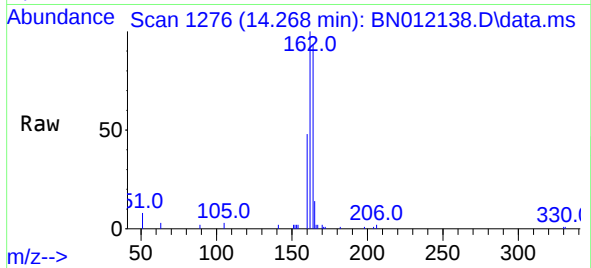




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

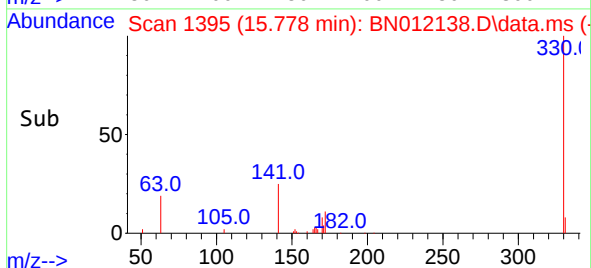
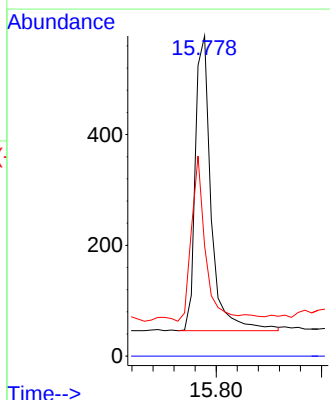
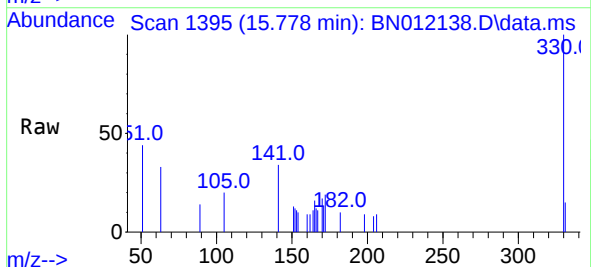
Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-4-SO-5

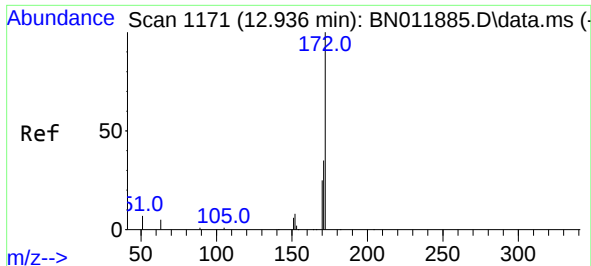
Tgt Ion:164 Resp: 5211
Ion Ratio Lower Upper
164 100
162 107.4 83.6 125.4
160 51.4 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:330 Resp: 1114
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.4 33.7 50.5



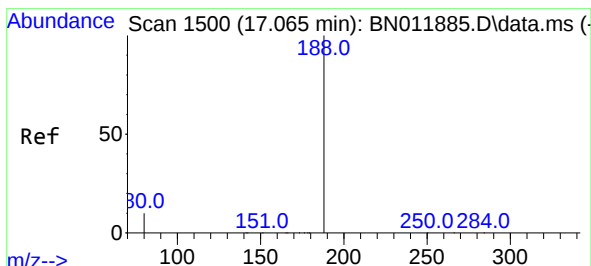
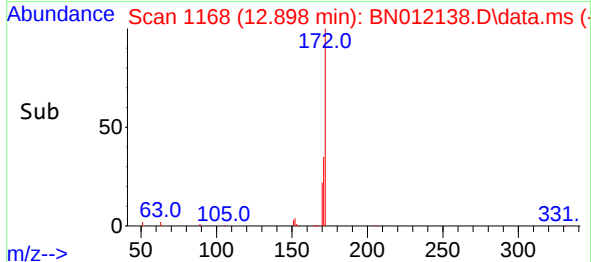
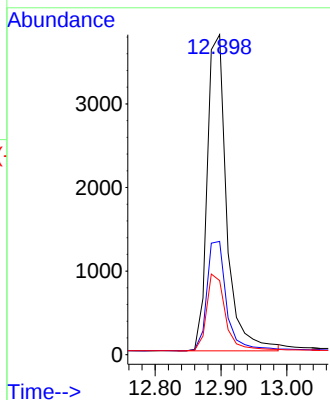
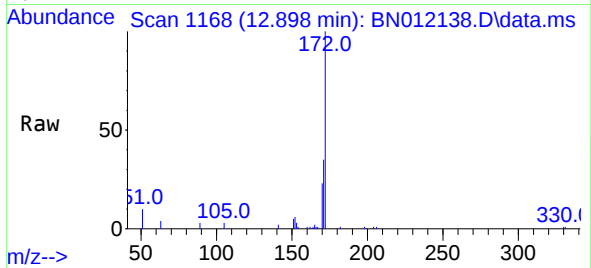


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-4-SO-5

Tgt Ion:172 Resp: 7778

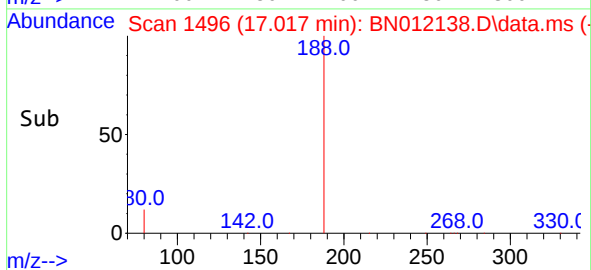
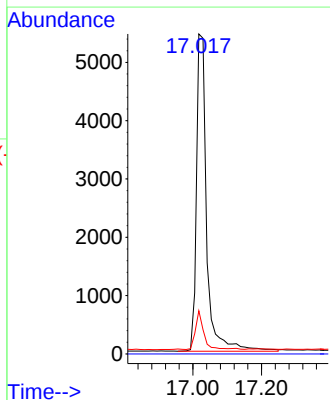
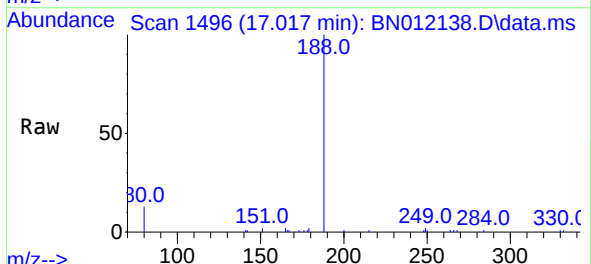
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.4	41.2
170	23.1	17.8	26.6

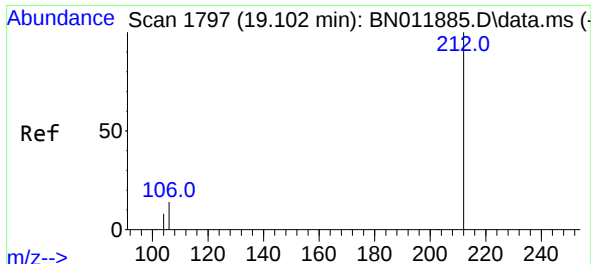


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:188 Resp: 11283

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	7.7	11.5



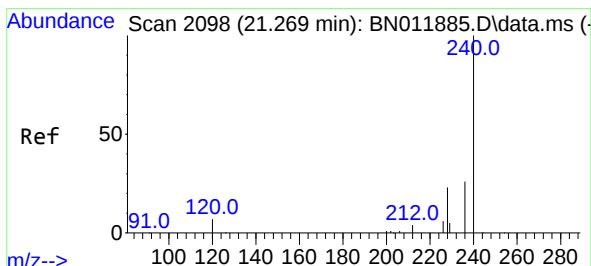
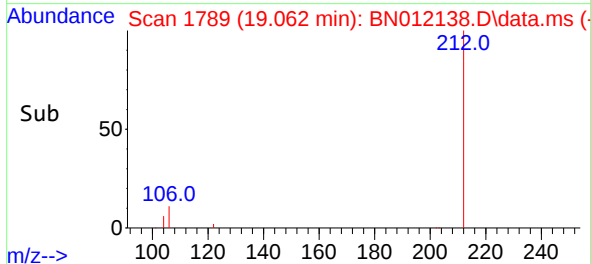
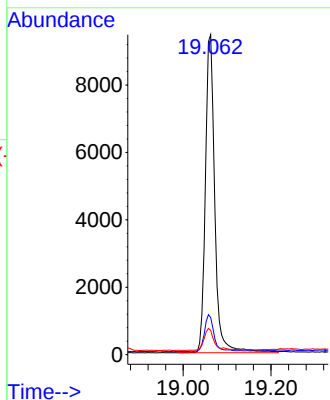
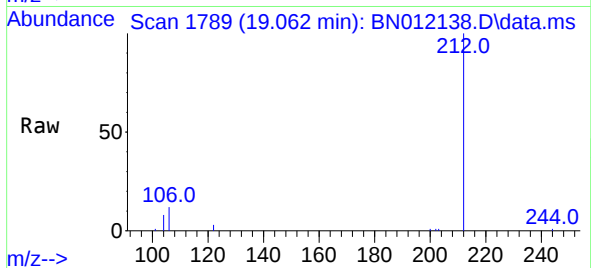


#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.062 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-4-SO-5

Tgt Ion:212 Resp: 14057

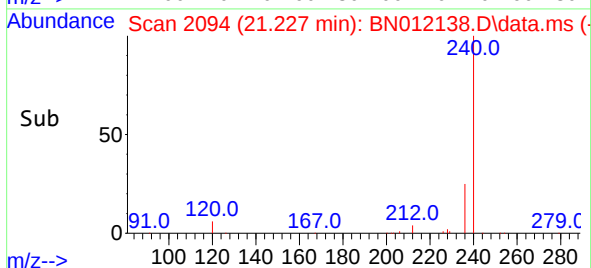
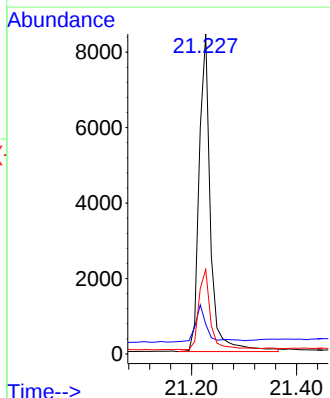
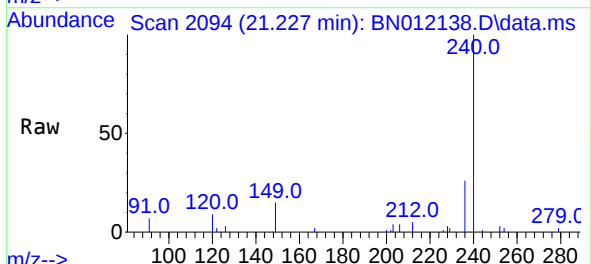
Ion	Ratio	Lower	Upper
212	100		
106	12.2	6.4	9.6#
104	7.4	3.9	5.9#

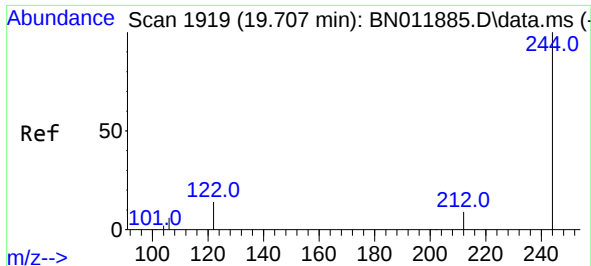


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:240 Resp: 12635

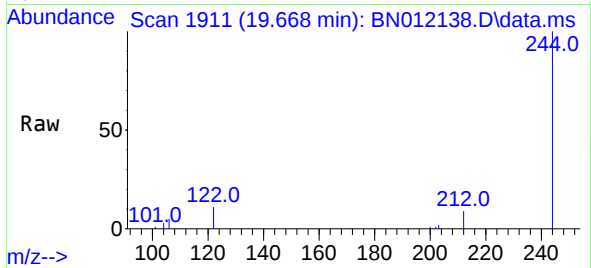
Ion	Ratio	Lower	Upper
240	100		
120	9.3	3.5	5.3#
236	26.4	20.5	30.7



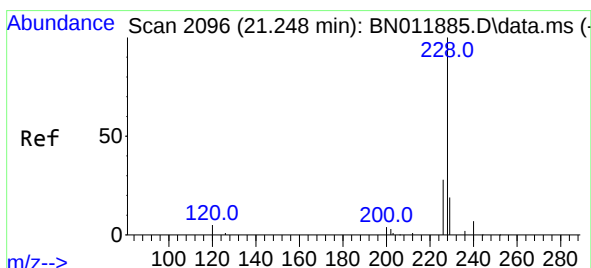
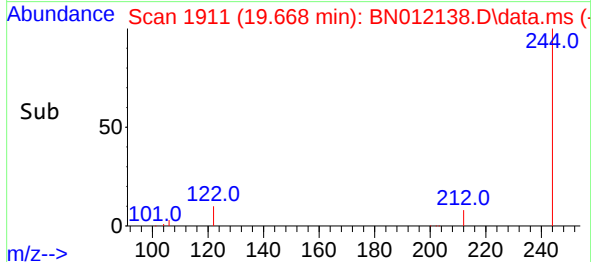
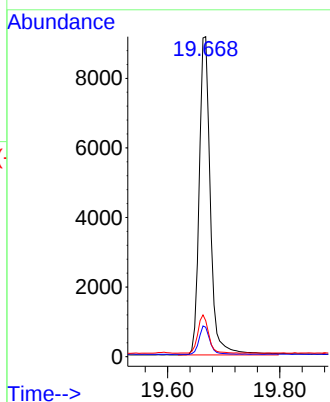


#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.668 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-4-SO-5

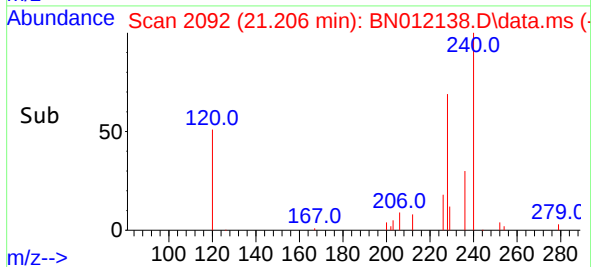
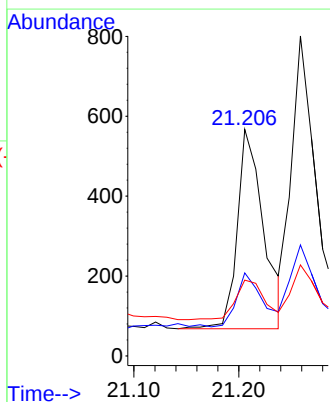
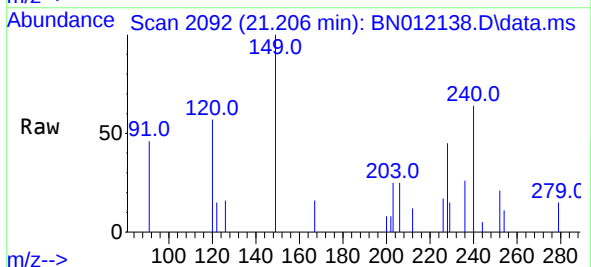


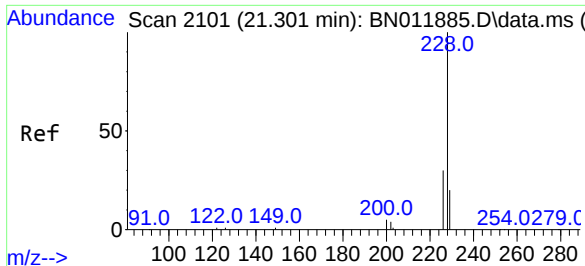
Tgt Ion:244 Resp: 12619
Ion Ratio Lower Upper
244 100
212 9.2 7.3 10.9
122 11.3 7.8 11.6



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.206 min Scan# 2092
Delta R.T. -0.010 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:228 Resp: 873
Ion Ratio Lower Upper
228 100
226 36.7 21.0 31.4#
229 33.5 16.0 24.0#

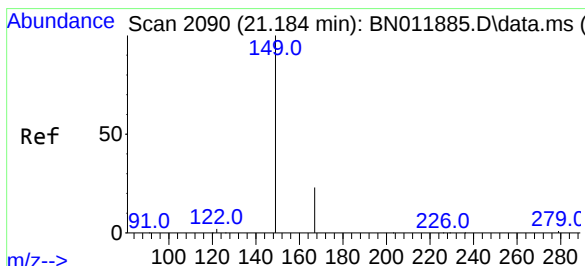
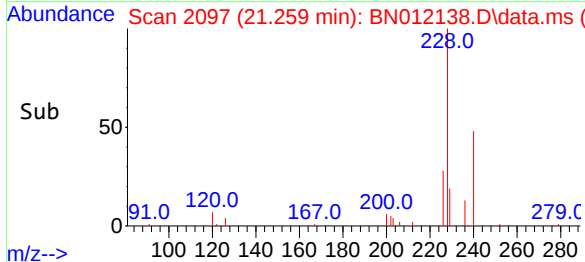
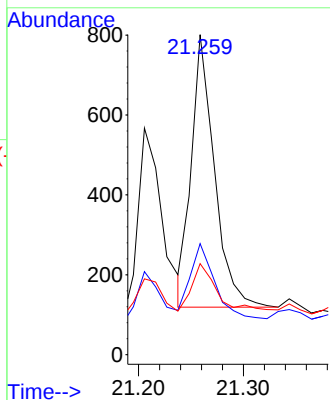
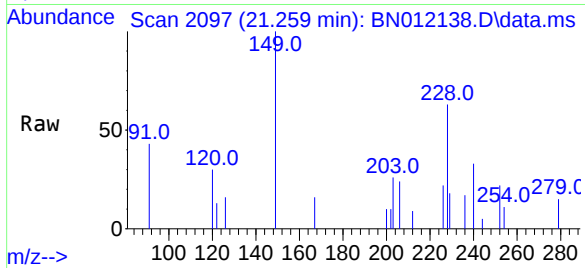




#33
Chrysene
Concen: 0.02 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.010 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

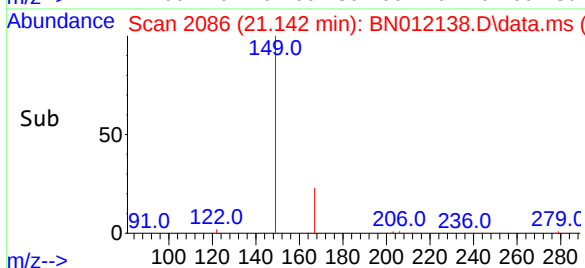
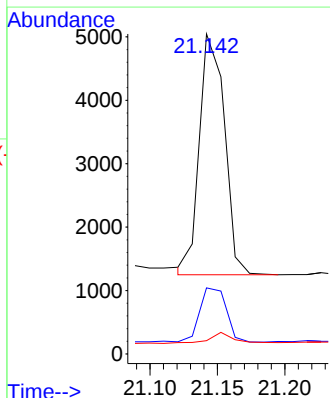
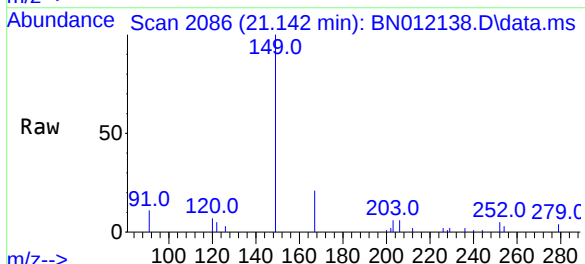
Instrument :
BNA_N
ClientSampleId :
BACKFILL OFFSITE-4-SO-5

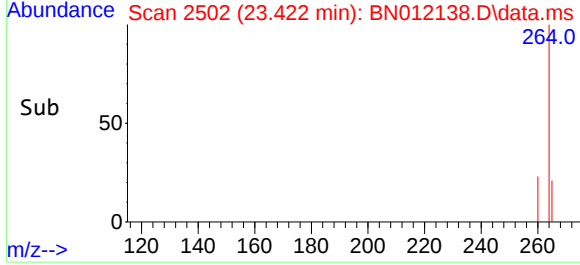
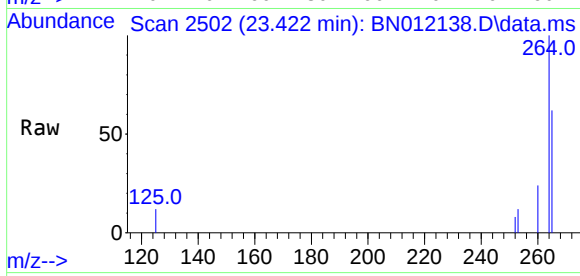
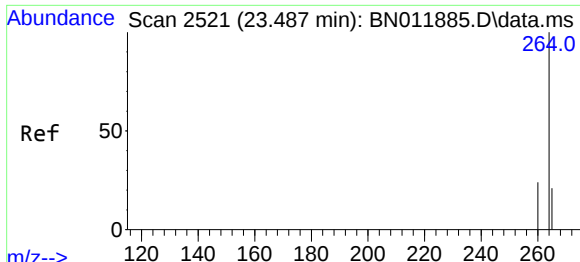
Tgt Ion: 228 Resp: 1038
Ion Ratio Lower Upper
228 100
226 34.7 23.3 34.9
229 28.5 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.142 min Scan# 2086
Delta R.T. -0.010 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

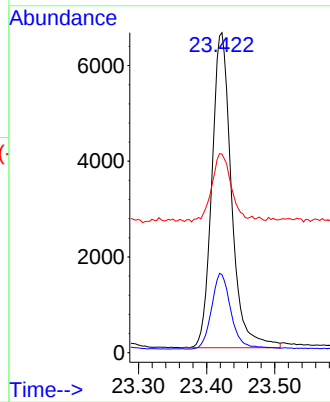
Tgt Ion: 149 Resp: 4916
Ion Ratio Lower Upper
149 100
167 23.8 23.6 35.4
279 3.3 4.0 6.0#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.422 min Scan# 2502
Delta R.T. -0.010 min
Lab File: BN012138.D
Acq: 10 Oct 2020 00:32

Tgt Ion:264	Resp:	13176
Ion	Ratio	Lower Upper
264	100	
260	24.4	19.6 29.4
265	62.0	38.6 58.0#



Instrument :
BNA_N
ClientSampleId :
BACKFILL-OFFSITE-4-SO-5