

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112820\
 Data File : BN012758.D
 Acq On : 27 Nov 2020 18:59
 Operator : CG/JU
 Sample : L4889-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-818-820

Quant Time: Nov 27 23:22:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 15:36:21 2020
 Response via : Initial Calibration

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

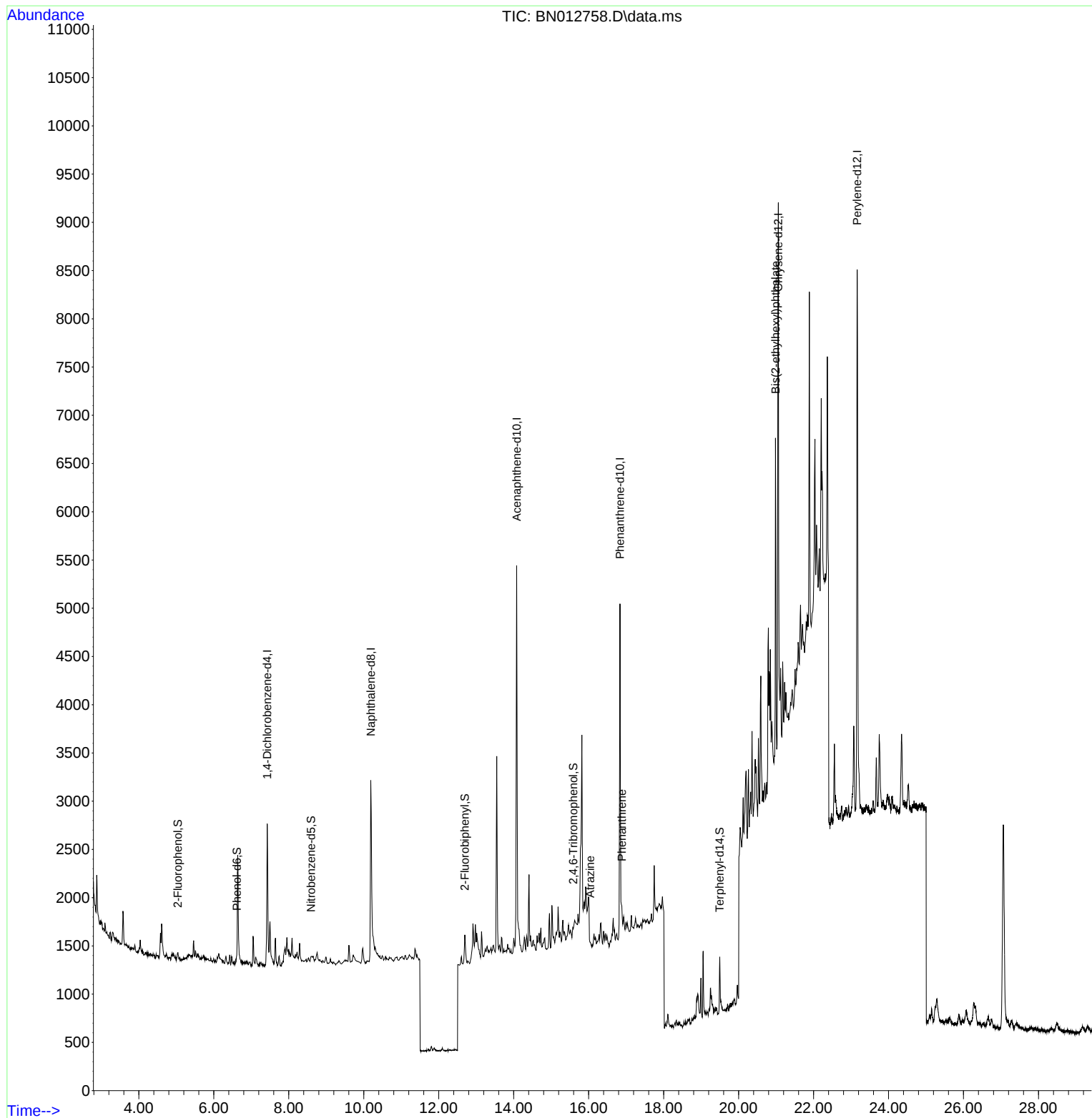
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	891	0.40	ng	0.00
7) Naphthalene-d8	10.188	136	3537	0.40	ng	# 0.00
13) Acenaphthene-d10	14.080	164	2309	0.40	ng	0.00
19) Phenanthrene-d10	16.836	188	5022	0.40	ng	# 0.00
29) Chrysene-d12	21.059	240	6327	0.40	ng	# 0.00
36) Perylene-d12	23.164	264	7276	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.043	112	63	0.02	ng	0.00
5) Phenol-d6	6.613	99	84	0.02	ng	0.00
8) Nitrobenzene-d5	8.591	82	106	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	11.804	152	93	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.589	330	44	0.03	ng	0.00
15) 2-Fluorobiphenyl	12.697	172	333	0.04	ng	0.00
27) Fluoranthene-d10	18.880	212	297	0.02	ng	0.00
31) Terphenyl-d14	19.496	244	694	0.05	ng	0.00
Target Compounds						
23) Atrazine	16.045	200	175	0.06	ng	# 1
25) Phenanthrene	16.885	178	364	0.02	ng	# 93
34) Bis(2-ethylhexyl)phtha...	20.984	149	2820	0.21	ng	98

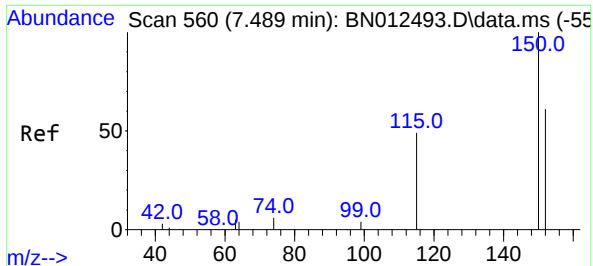
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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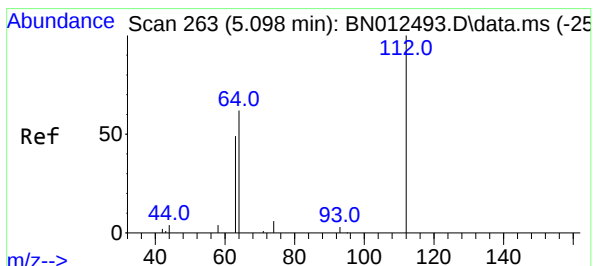
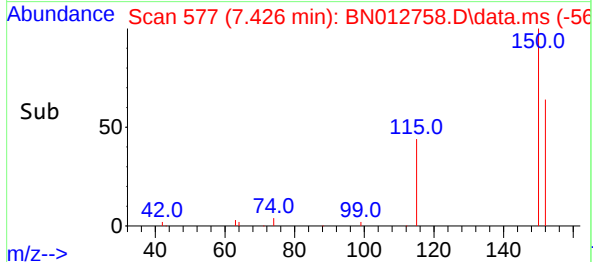
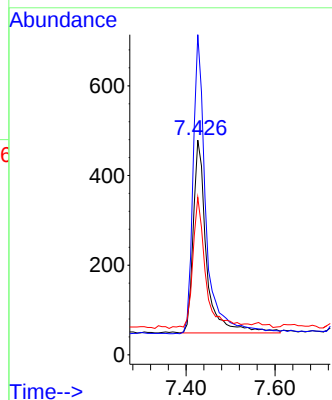
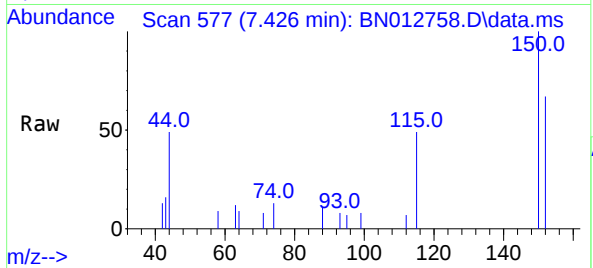




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.426 min Scan# 577
Delta R.T. 0.001 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

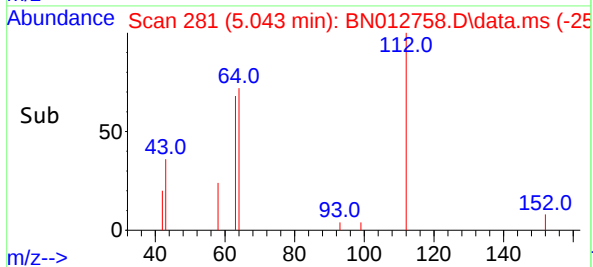
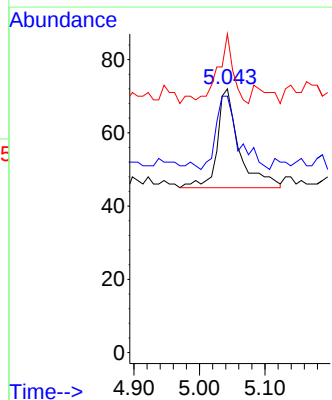
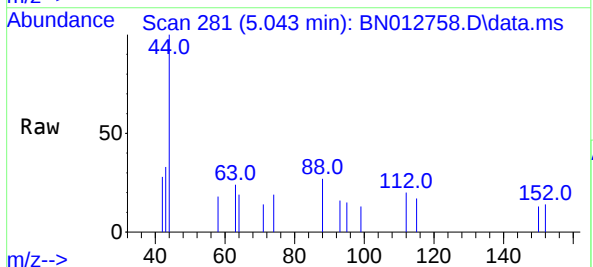
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-818-820

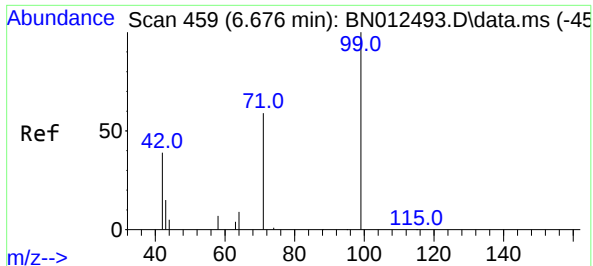
Tgt Ion:152 Resp: 891
Ion Ratio Lower Upper
152 100
150 149.1 116.6 174.8
115 73.3 52.9 79.3



#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.043 min Scan# 281
Delta R.T. 0.001 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:112 Resp: 63
Ion Ratio Lower Upper
112 100
64 74.6 49.5 74.3#
63 47.6 32.0 48.0

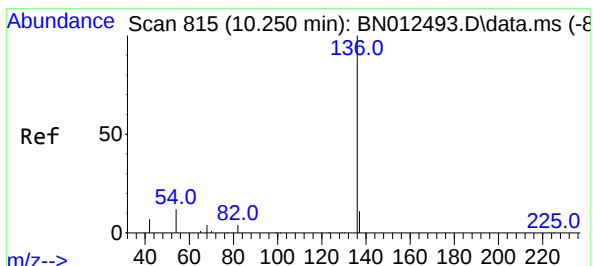
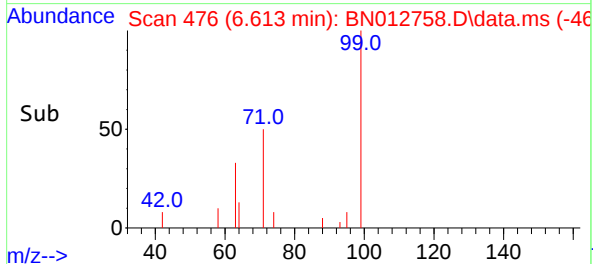
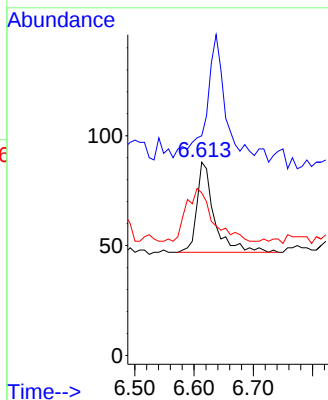
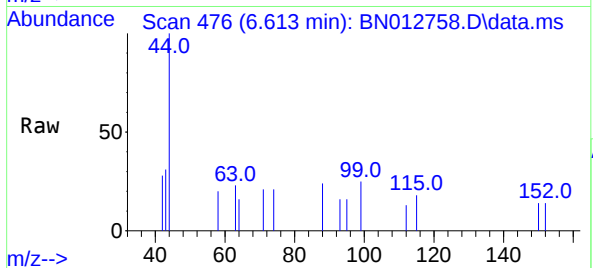




#5
Phenol-d6
Concen: 0.02 ng
RT: 6.613 min Scan# 476
Delta R.T. -0.007 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

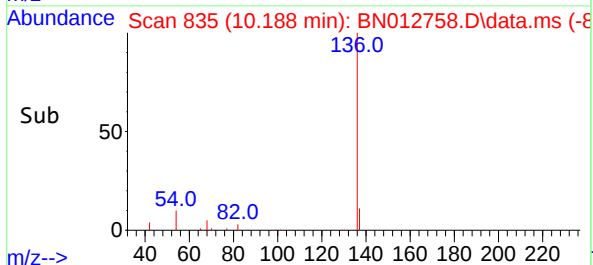
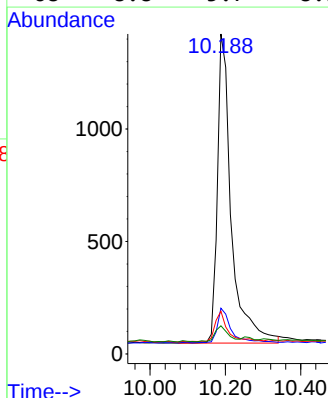
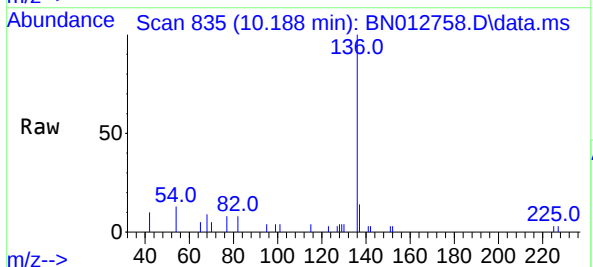
Instrument :
BNA_N
ClientSampleId :
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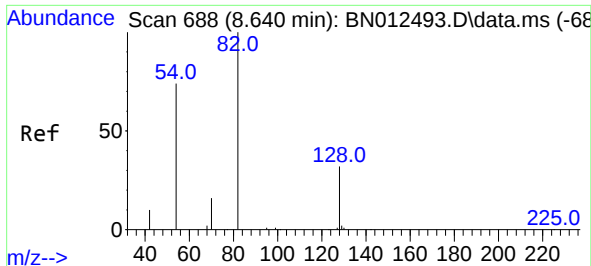
Tgt Ion:	99	Resp:	84
Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	86.9	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.188 min Scan# 835
Delta R.T. 0.001 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:	136	Resp:	3537
Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.6	15.8
54	13.4	8.6	12.8#
68	8.8	5.7	8.5#

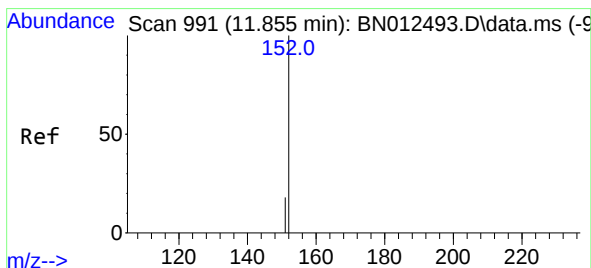
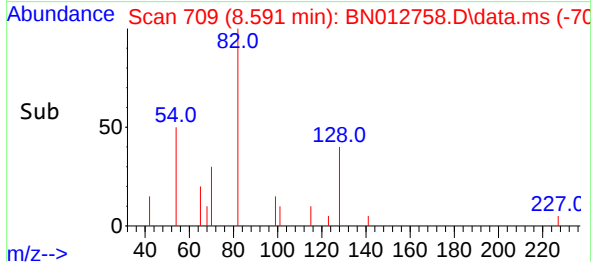
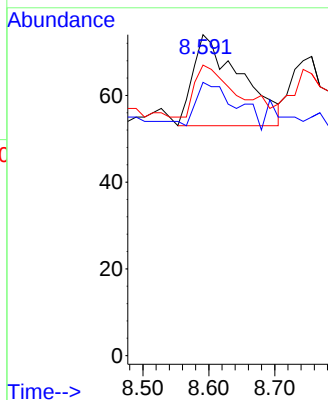
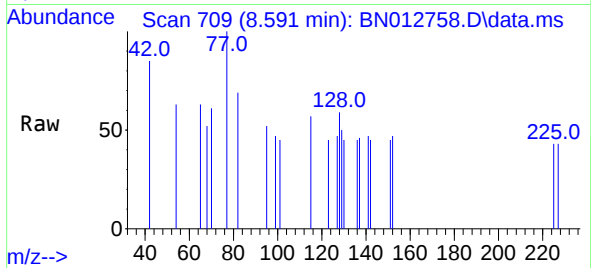




#8
Nitrobenzene-d5
Concen: 0.03 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.014 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

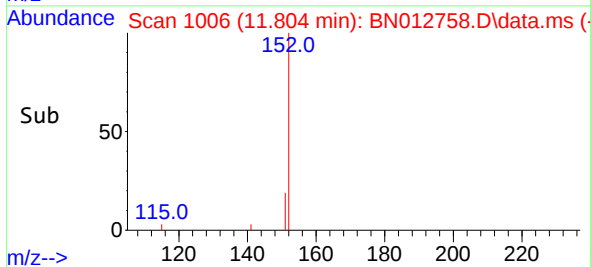
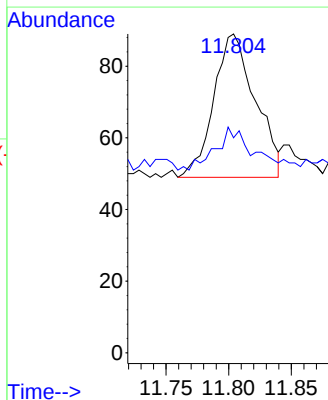
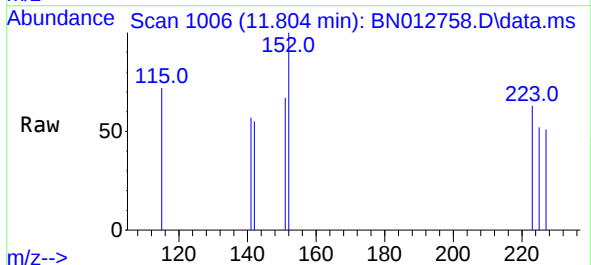
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-818-820

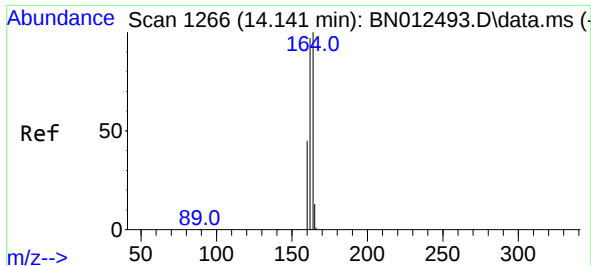
Tgt Ion: 82 Resp: 106
Ion Ratio Lower Upper
82 100
128 85.1 30.6 46.0#
54 90.5 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.02 ng
RT: 11.804 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:152 Resp: 93
Ion Ratio Lower Upper
152 100
151 30.1 16.7 25.1#



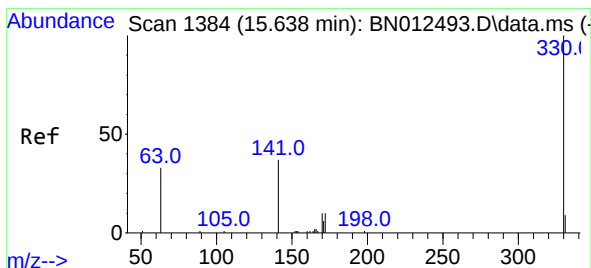
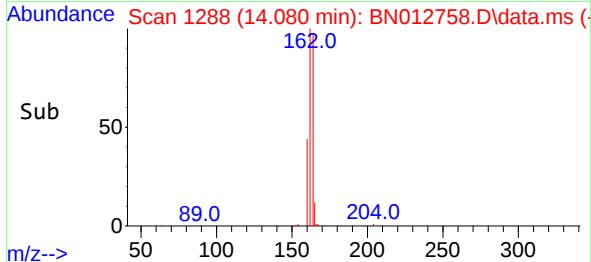
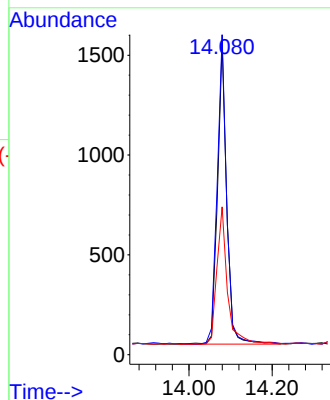
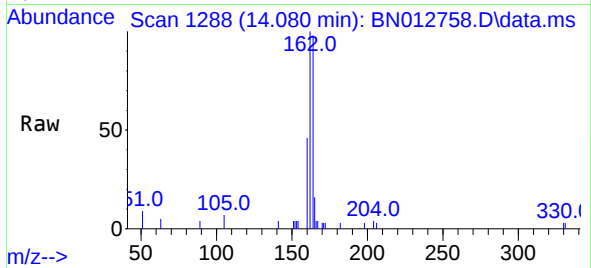


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.002 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Instrument :
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BP-VPB178-GW-818-820

Tgt Ion:164 Resp: 2309

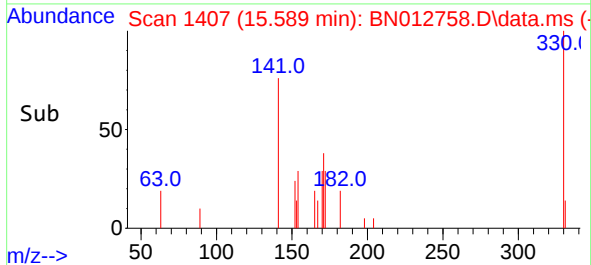
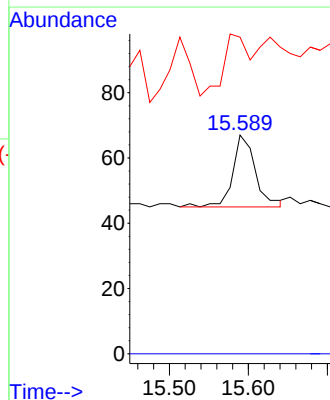
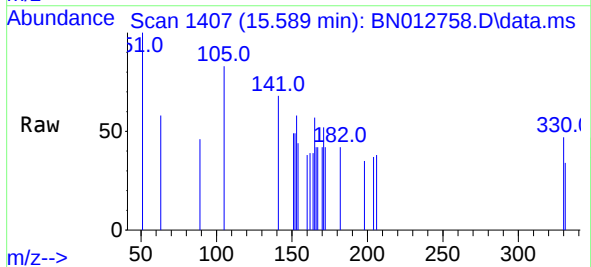
Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	120.8
160	47.4	39.5	59.3

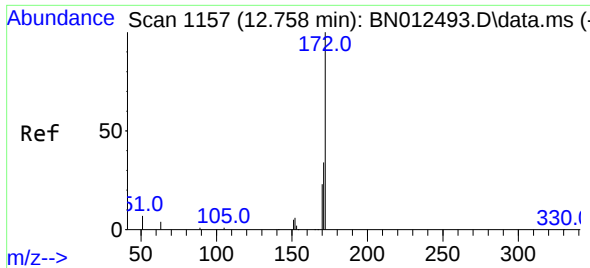


#14
2,4,6-Tribromophenol
Concen: 0.03 ng
RT: 15.589 min Scan# 1407
Delta R.T. 0.002 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:330 Resp: 44

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	93.2	34.4	51.6

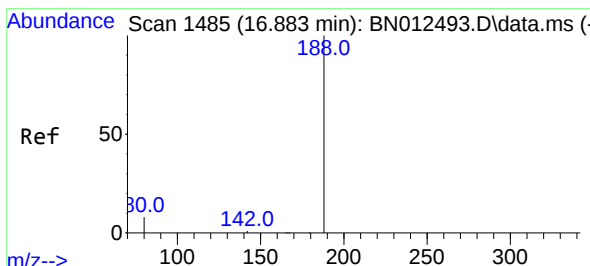
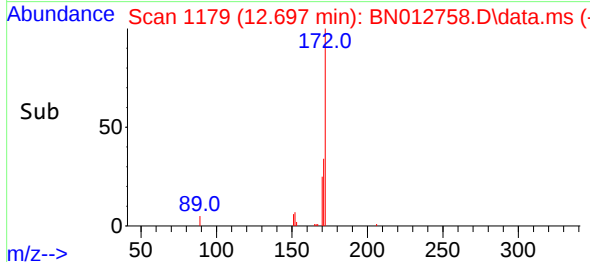
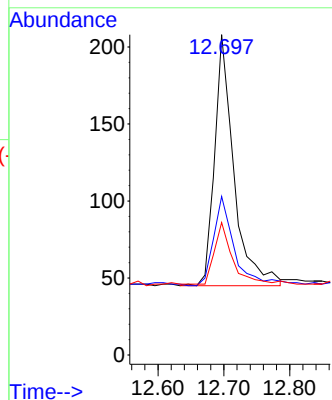
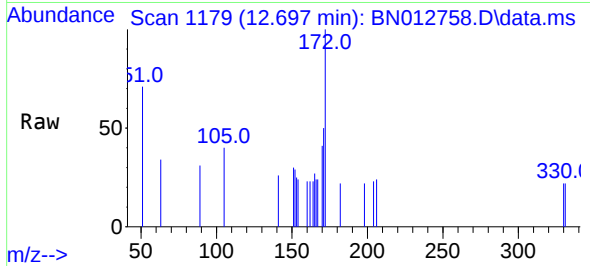




#15
2-Fluorobiphenyl
Concen: 0.04 ng
RT: 12.697 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

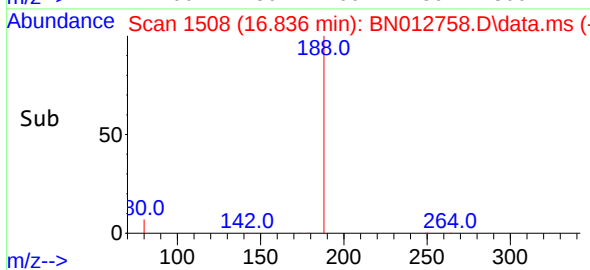
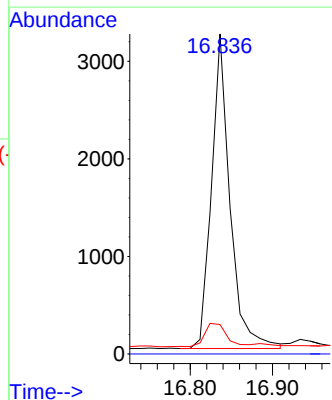
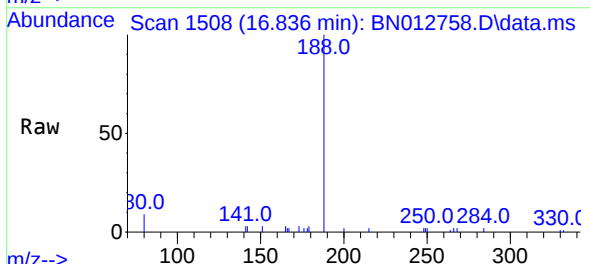
Instrument :
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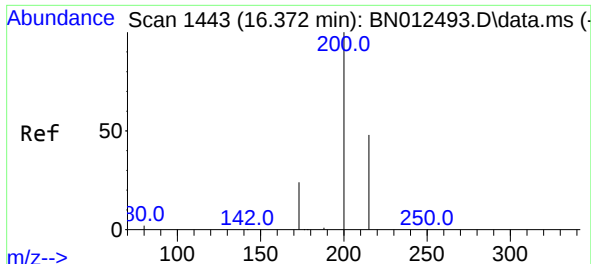
Tgt Ion:	172	Resp:	333
Ion	Ratio	Lower	Upper
172	100		
171	49.5	28.2	42.4#
170	41.3	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.002 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:	188	Resp:	5022
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	5.0	7.4#

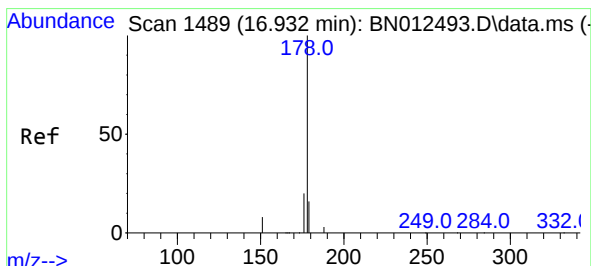
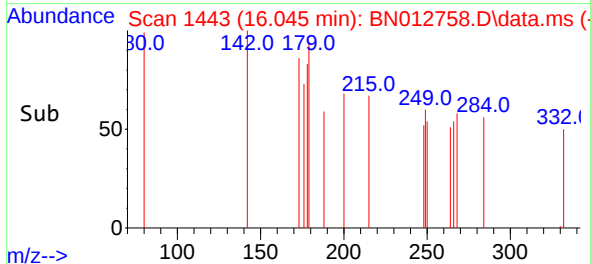
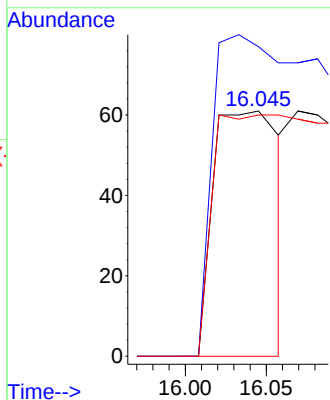
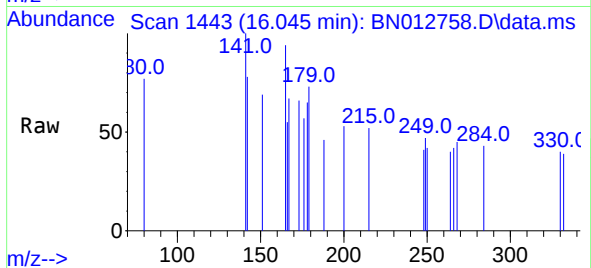




#23
Atrazine
Concen: 0.06 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.278 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

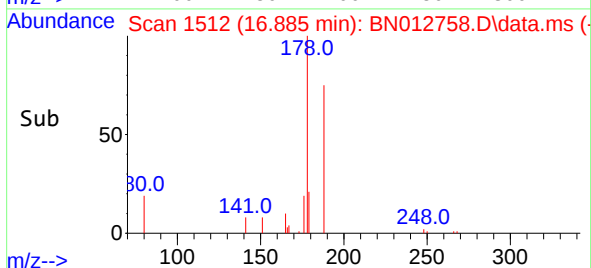
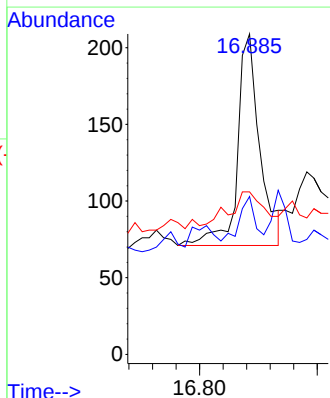
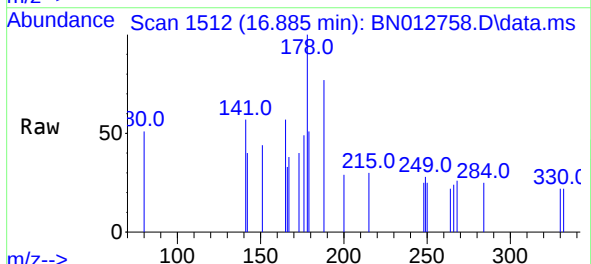
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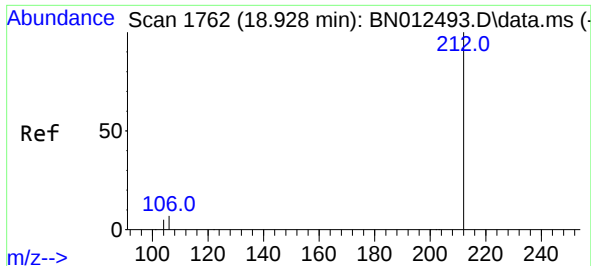
Tgt Ion:200 Resp: 175
Ion Ratio Lower Upper
200 100
173 126.2 22.8 34.2#
215 98.4 38.1 57.1#



#25
Phenanthrene
Concen: 0.02 ng
RT: 16.885 min Scan# 1512
Delta R.T. 0.002 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:178 Resp: 364
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 22.0 12.4 18.6#

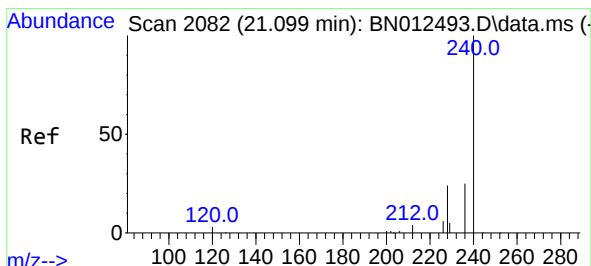
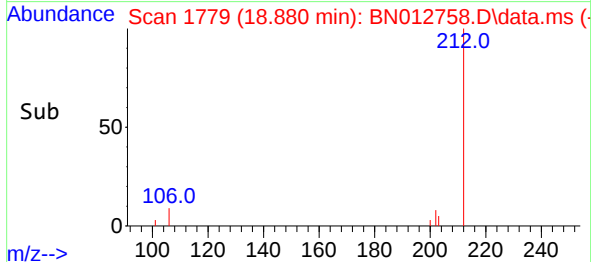
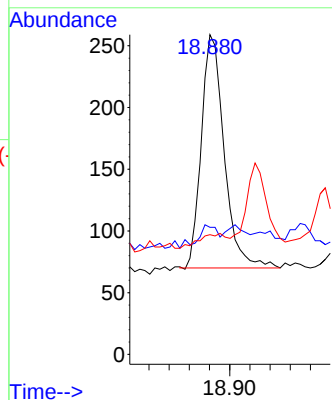
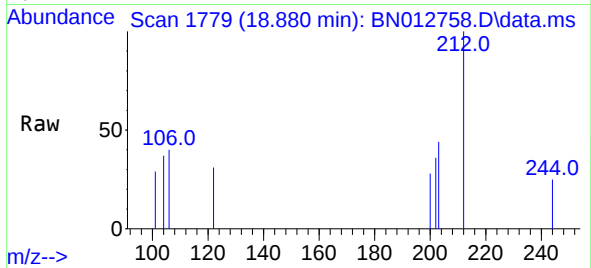




#27
Fluoranthene-d10
Concen: 0.02 ng
RT: 18.880 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

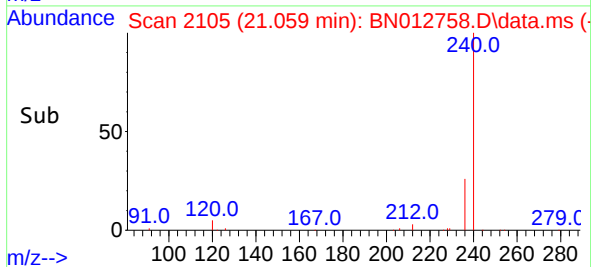
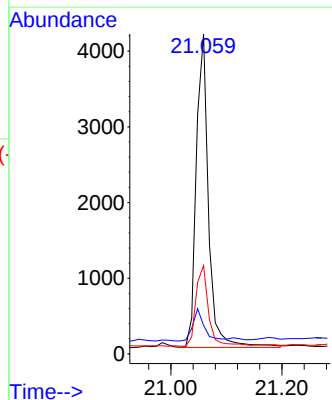
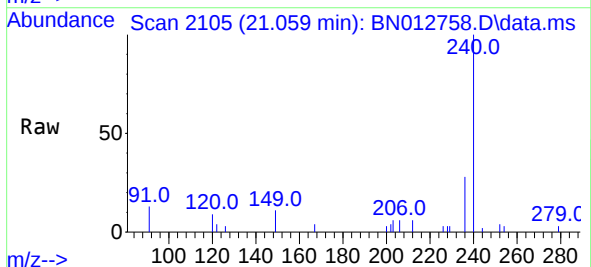
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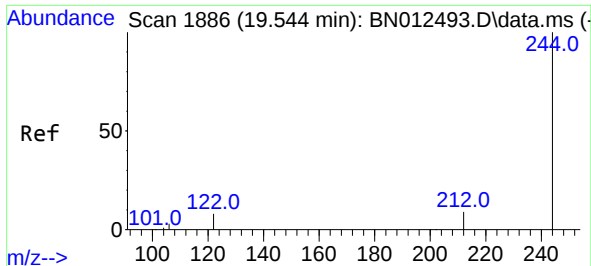
Tgt Ion:212 Resp: 297
Ion Ratio Lower Upper
212 100
106 5.7 6.8 10.2#
104 0.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.059 min Scan# 2105
Delta R.T. 0.002 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Tgt Ion:240 Resp: 6327
Ion Ratio Lower Upper
240 100
120 8.9 5.3 7.9#
236 27.7 21.8 32.8

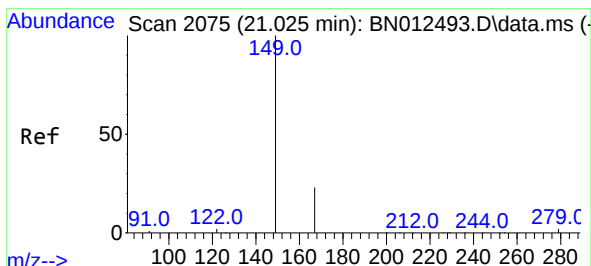
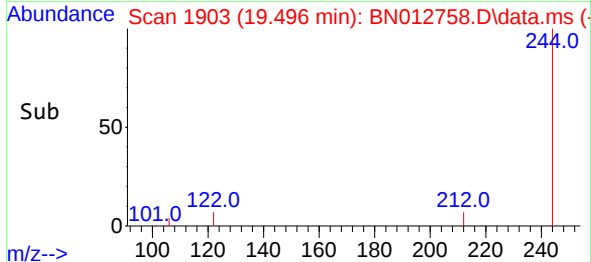
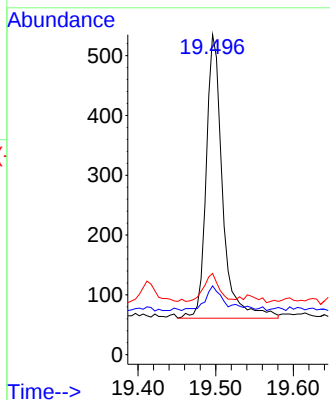
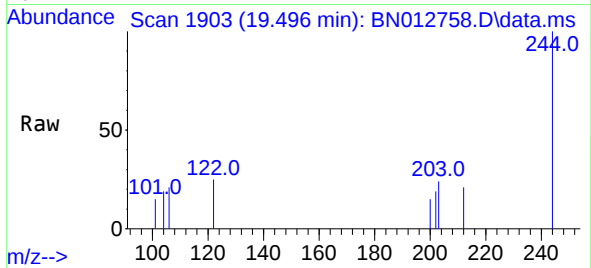




#31
 Terphenyl-d14
 Concen: 0.05 ng
 RT: 19.496 min Scan# 1903
 Delta R.T. -0.003 min
 Lab File: BN012758.D
 Acq: 27 Nov 2020 18:59

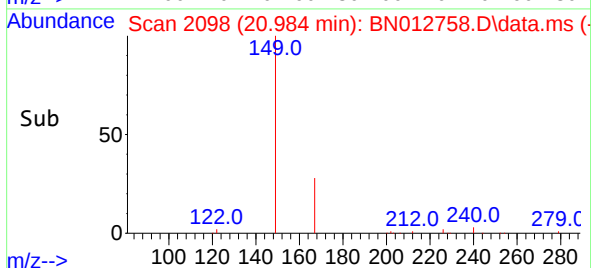
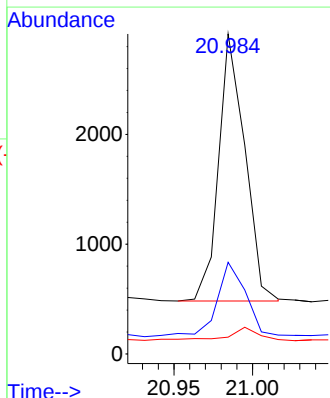
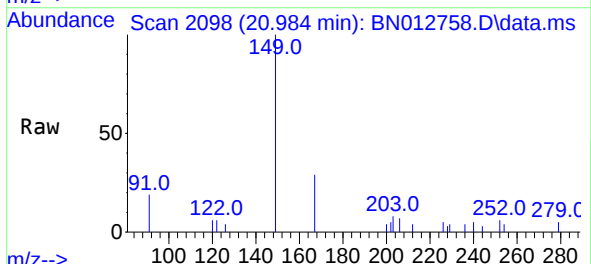
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-818-820

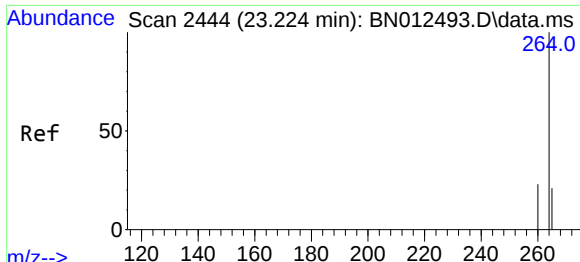
Tgt Ion:244	Resp:	694
Ion	Ratio	Lower Upper
244	100	
212	21.5	7.3 10.9#
122	25.4	7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 20.984 min Scan# 2098
 Delta R.T. 0.002 min
 Lab File: BN012758.D
 Acq: 27 Nov 2020 18:59

Tgt Ion:149	Resp:	2820
Ion	Ratio	Lower Upper
149	100	
167	27.9	23.2 34.8
279	4.3	3.9 5.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.164 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN012758.D
Acq: 27 Nov 2020 18:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-818-820

Tgt Ion:264 Resp: 7276

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	59.2	51.4	77.0

