

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013257.D
 Acq On : 22 Dec 2020 03:42
 Operator : CG/JU
 Sample : L5123-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20201214

Quant Time: Dec 22 05:30:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

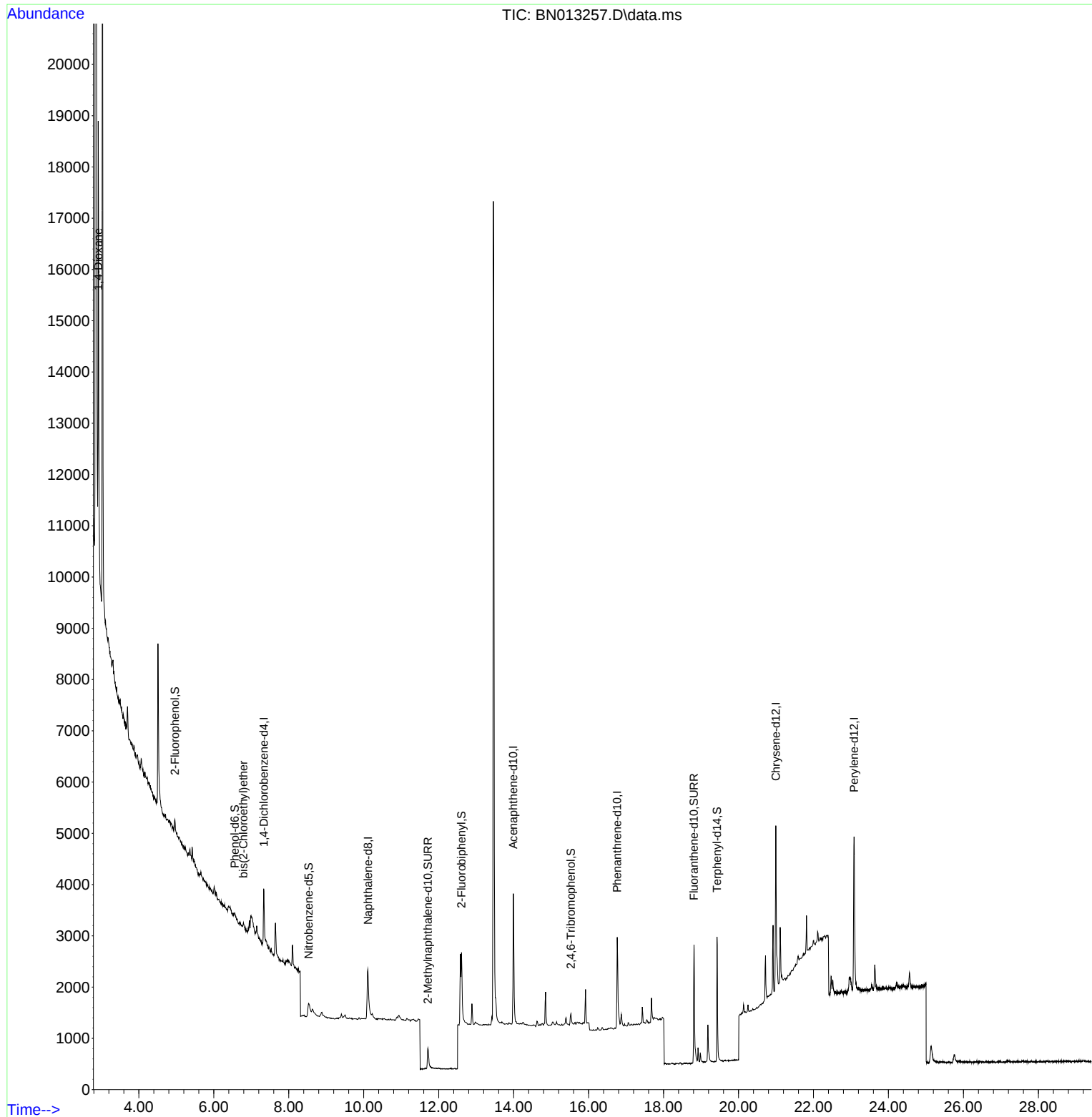
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	723	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2397	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1565	0.40	ng	-0.01
19) Phenanthrene-d10	16.763	188	3120	0.40	ng	#-0.01
29) Chrysene-d12	20.995	240	3647	0.40	ng	#-0.01
36) Perylene-d12	23.082	264	4255	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	256	0.09	ng	0.00
5) Phenol-d6	6.556	99	136	0.05	ng	0.00
8) Nitrobenzene-d5	8.528	82	624	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.710	152	936	0.22	ng	-0.01
14) 2,4,6-Tribromophenol	15.526	330	229	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1592	0.24	ng	-0.03
27) Fluoranthene-d10	18.811	212	3371	0.33	ng	-0.01
31) Terphenyl-d14	19.426	244	2918	0.32	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.916	88	5419	4.30	ng	Qvalue 93
6) bis(2-Chloroethyl)ether	6.790	93	87	0.05	ng	# 87

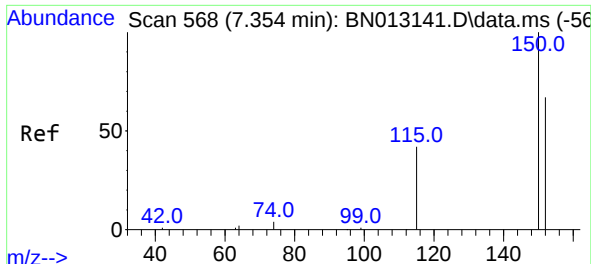
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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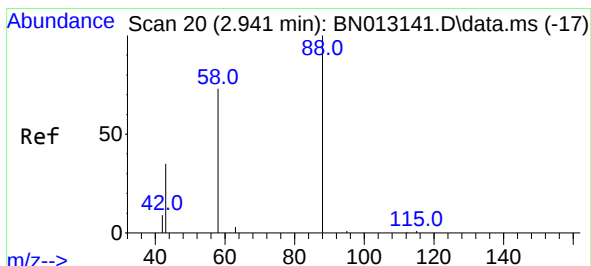
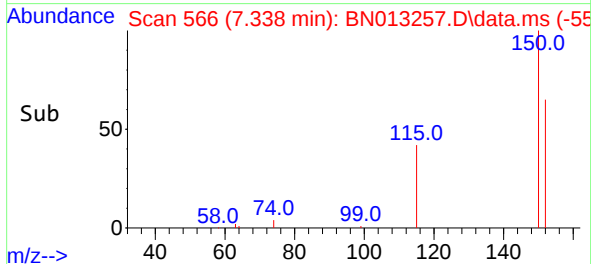
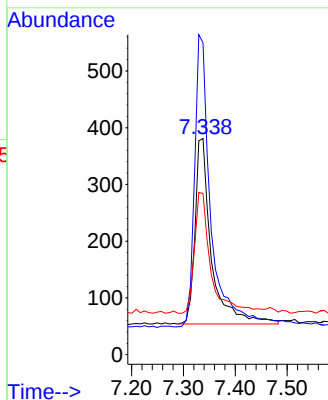
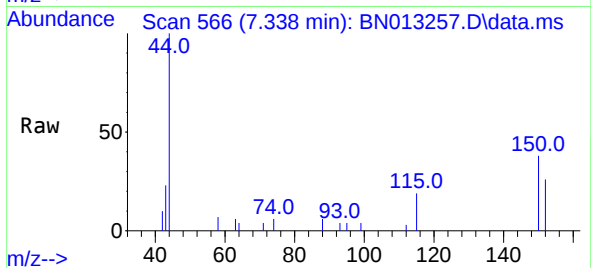




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

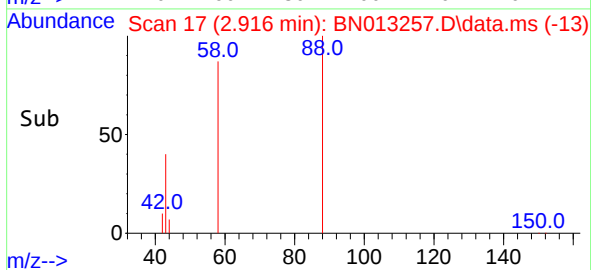
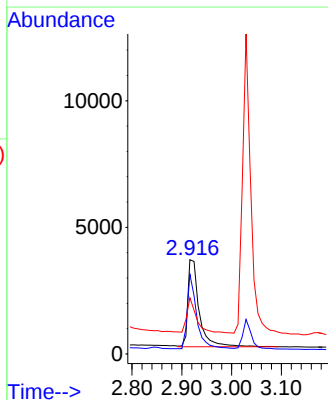
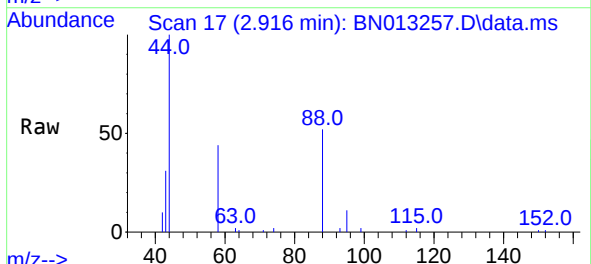
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

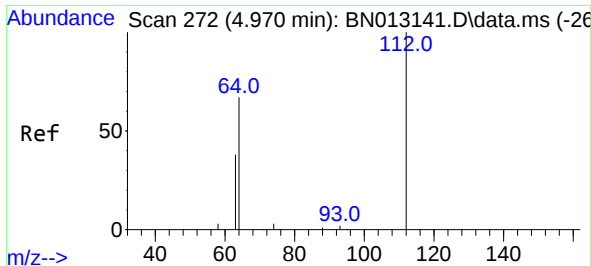
Tgt Ion:152 Resp: 723
Ion Ratio Lower Upper
152 100
150 144.4 116.6 174.8
115 74.5 52.9 79.3



#2
1,4-Dioxane
Concen: 4.30 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.016 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion: 88 Resp: 5419
Ion Ratio Lower Upper
88 100
58 70.5 59.4 89.2
43 33.1 32.3 48.5

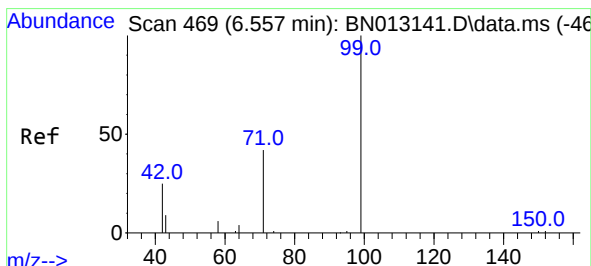
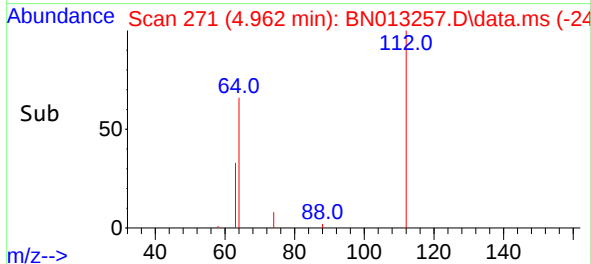
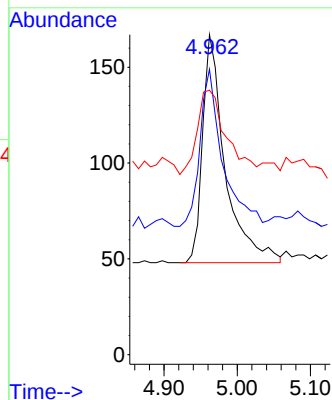
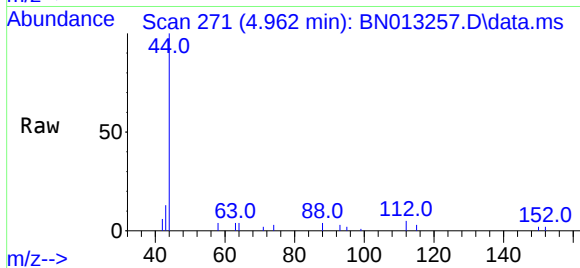




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

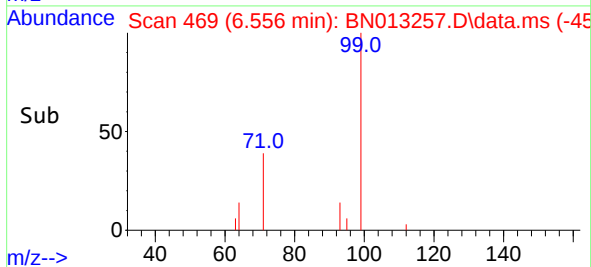
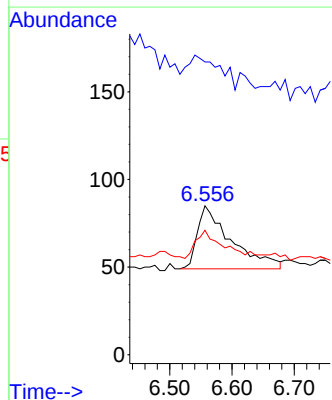
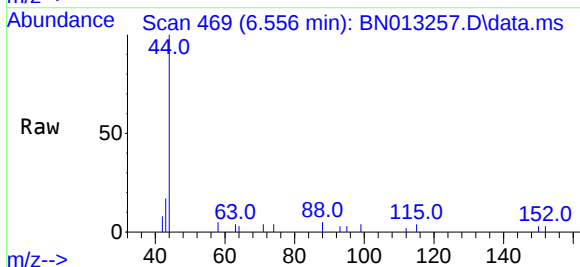
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

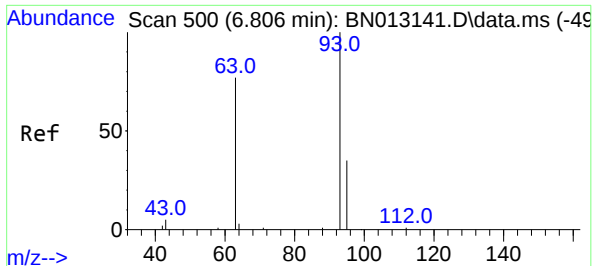
Tgt Ion:112 Resp: 256
Ion Ratio Lower Upper
112 100
64 69.5 49.5 74.3
63 48.4 32.0 48.0#



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.556 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion: 99 Resp: 136
Ion Ratio Lower Upper
99 100
42 52.2 22.4 33.6#
71 36.0 37.8 56.6#

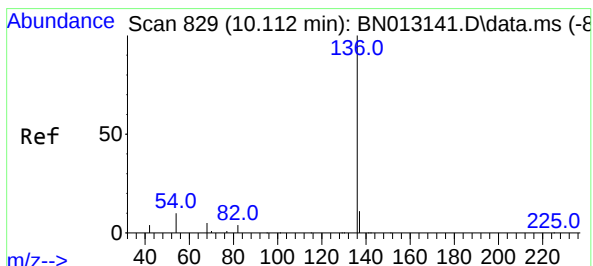
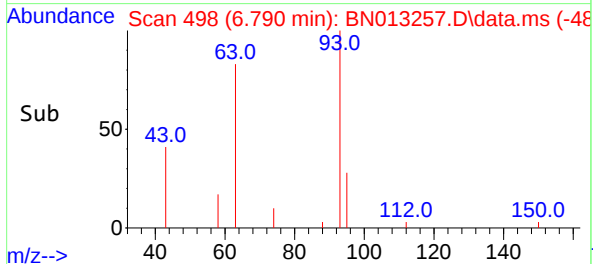
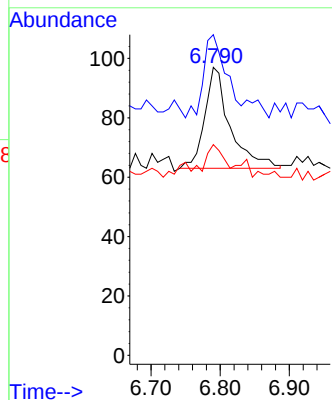
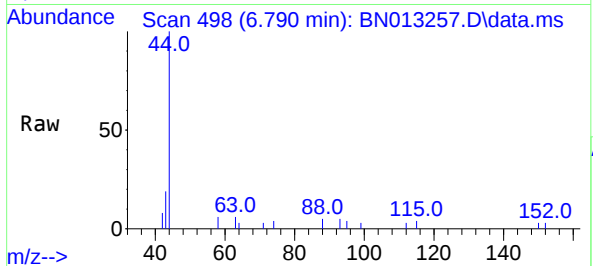




#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 6.790 min Scan# 498
Delta R.T. -0.008 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

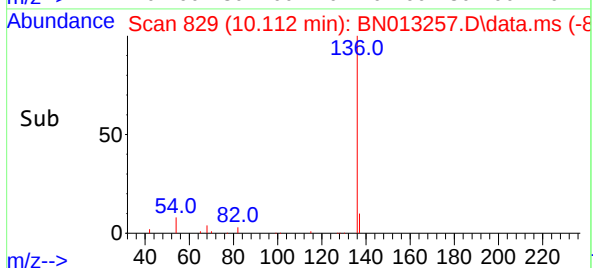
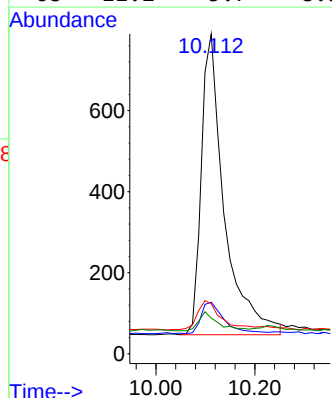
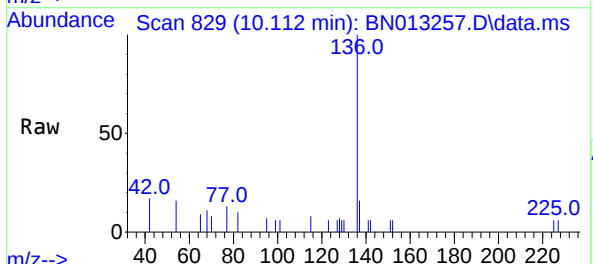
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

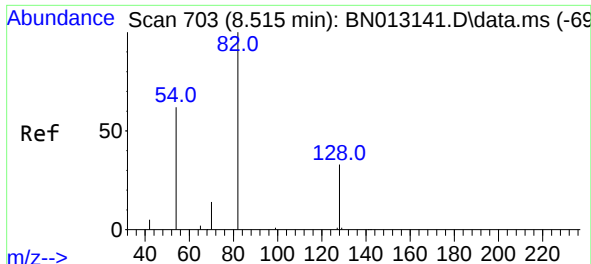
Tgt Ion: 93 Resp: 87
Ion Ratio Lower Upper
93 100
63 72.4 63.1 94.7
95 18.4 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion: 136 Resp: 2397
Ion Ratio Lower Upper
136 100
137 16.1 10.6 15.8#
54 15.7 8.6 12.8#
68 11.2 5.7 8.5#

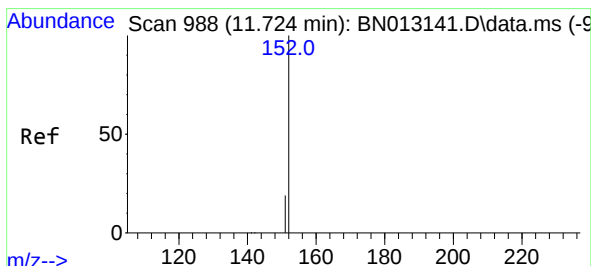
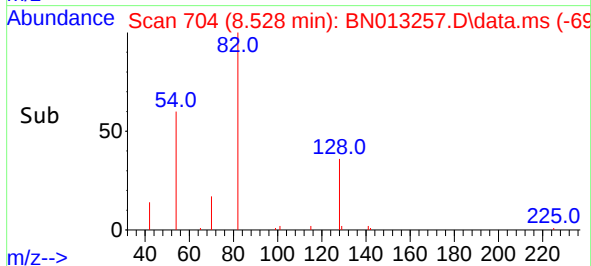
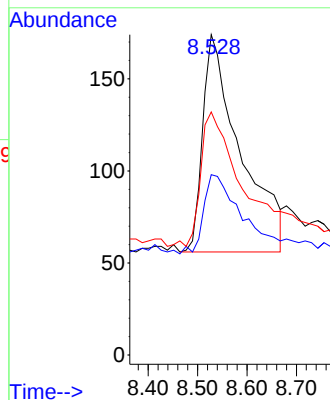
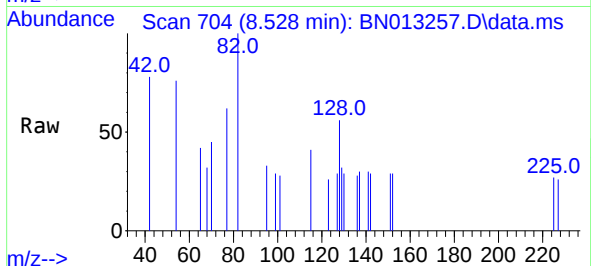




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

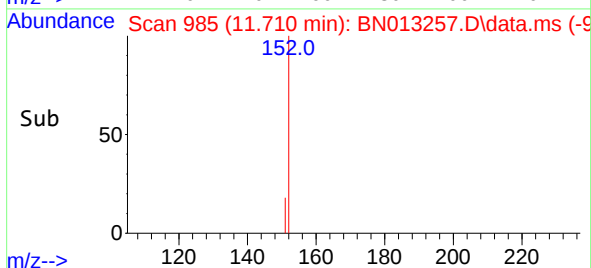
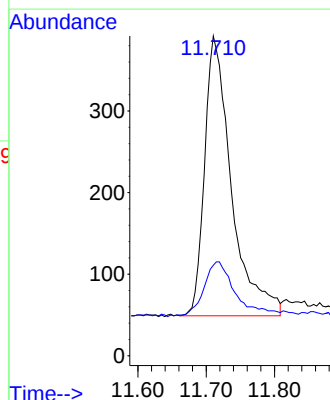
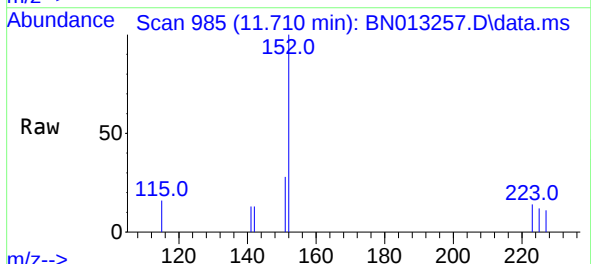
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ClientSampleId :
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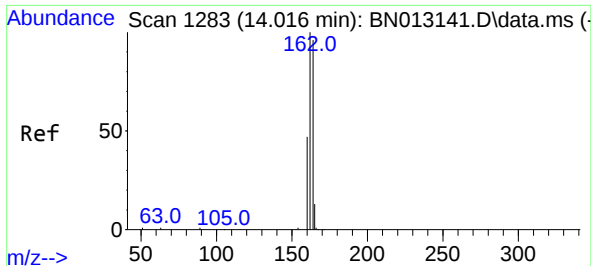
Tgt Ion: 82 Resp: 624
Ion Ratio Lower Upper
82 100
128 56.3 30.6 46.0#
54 75.9 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.710 min Scan# 985
Delta R.T. -0.014 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:152 Resp: 936
Ion Ratio Lower Upper
152 100
151 23.3 16.7 25.1

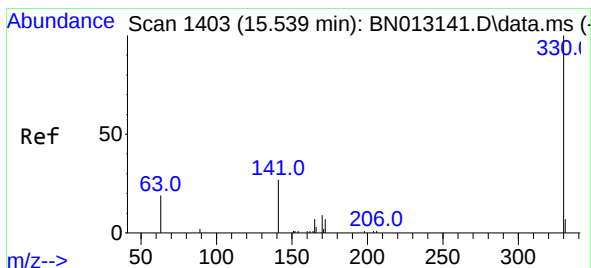
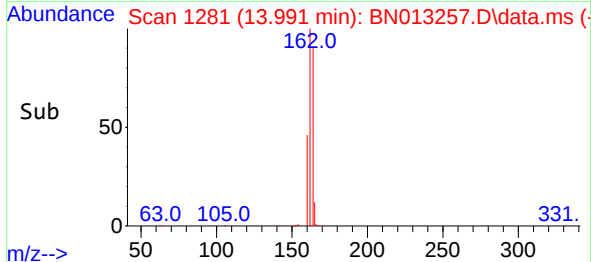
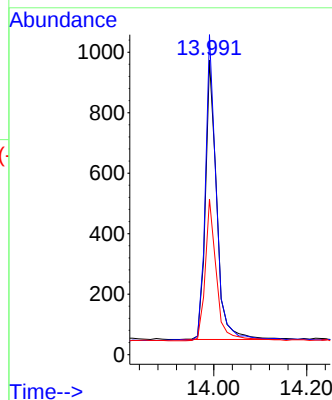
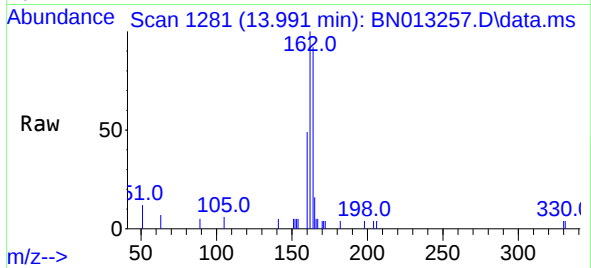




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

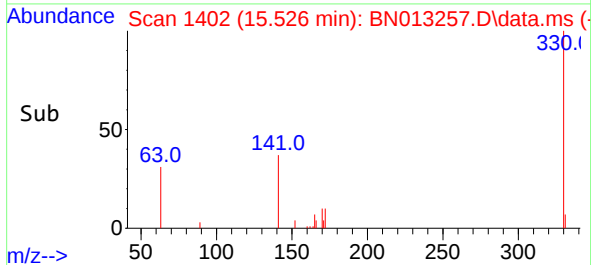
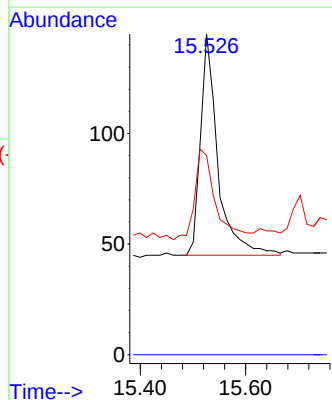
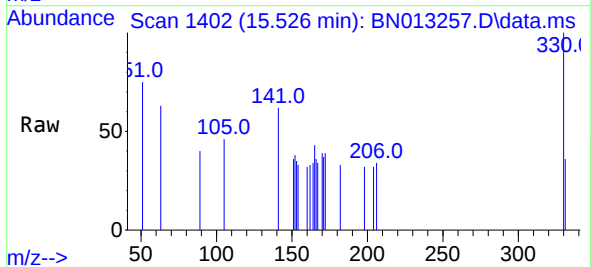
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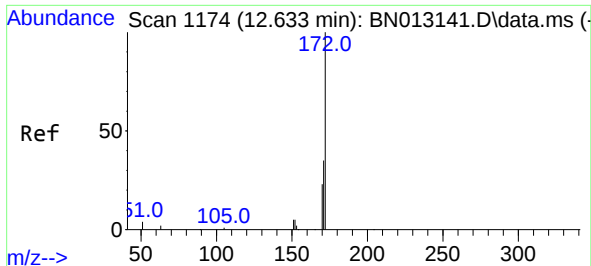
Tgt Ion:164 Resp: 1565
Ion Ratio Lower Upper
164 100
162 108.7 80.6 120.8
160 52.8 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:330 Resp: 229
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.0 34.4 51.6

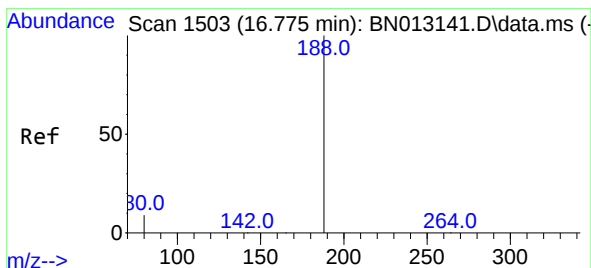
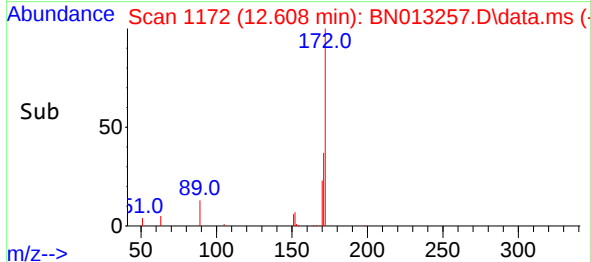
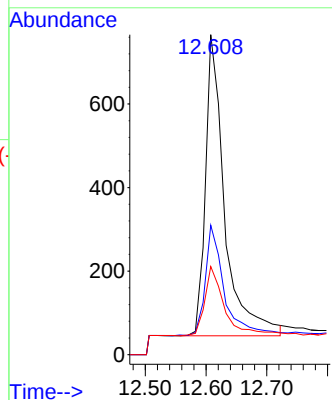
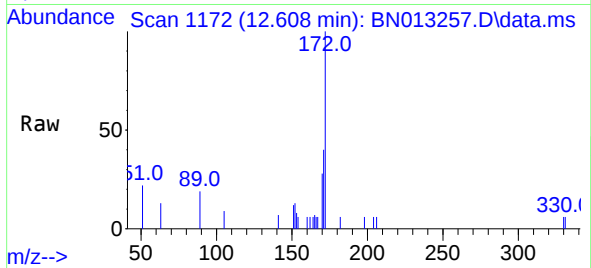




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.026 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

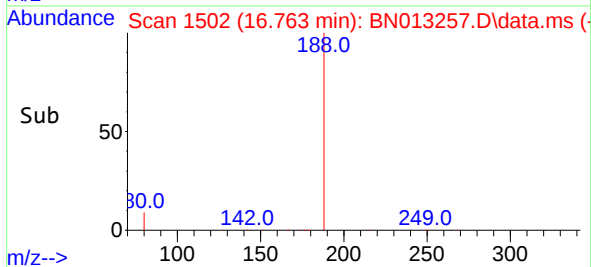
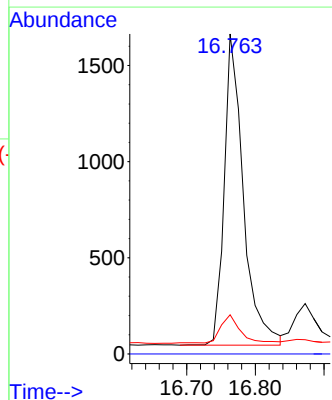
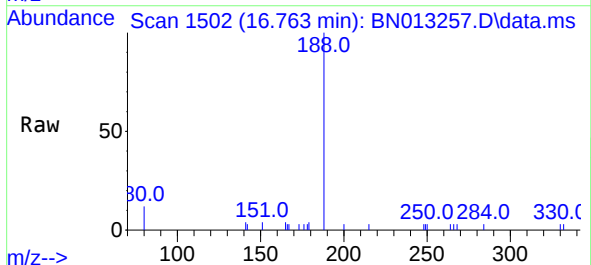
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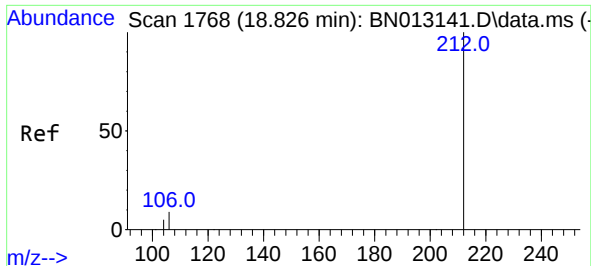
Tgt Ion:	172	Resp:	1592
Ion Ratio	Lower	Upper	
172	100		
171	40.5	28.2	42.4
170	27.5	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:	188	Resp:	3120
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	5.0	7.4#

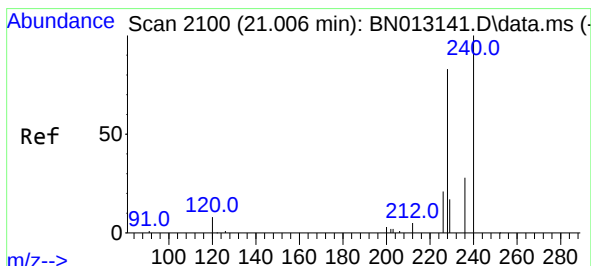
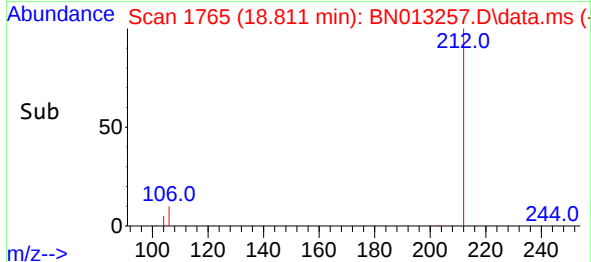
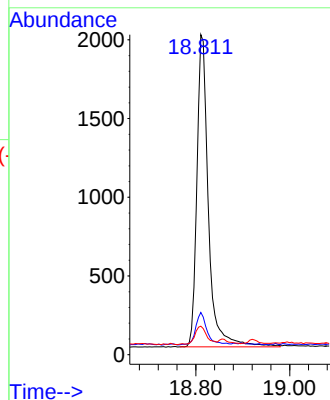
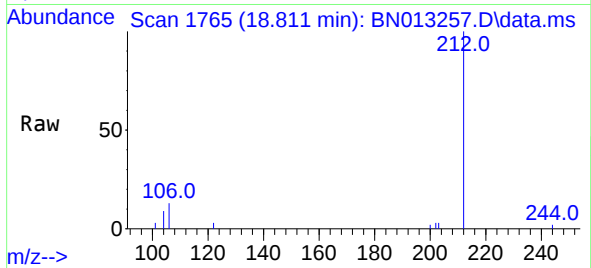




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.010 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

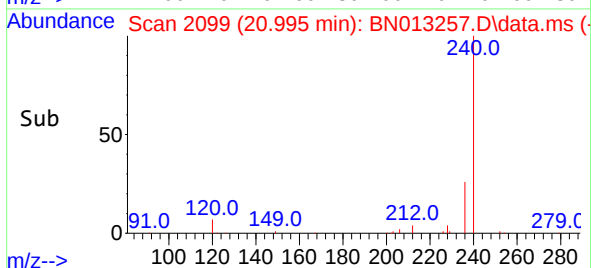
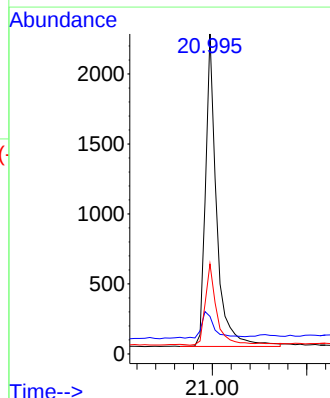
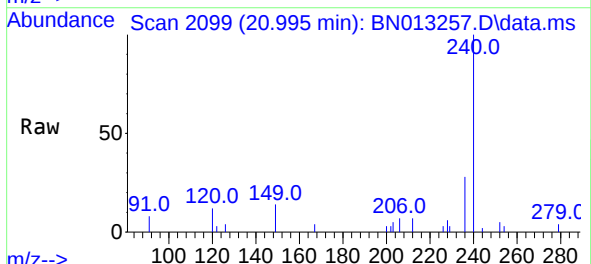
Instrument :
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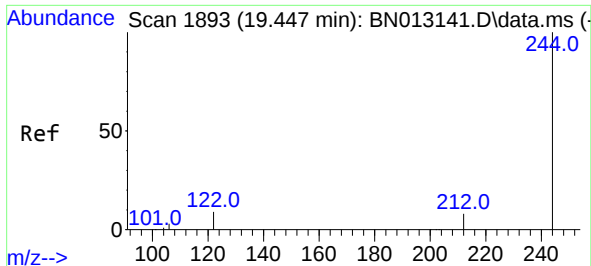
Tgt Ion:212 Resp: 3371
Ion Ratio Lower Upper
212 100
106 10.2 6.8 10.2#
104 5.7 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:240 Resp: 3647
Ion Ratio Lower Upper
240 100
120 11.7 5.3 7.9#
236 28.1 21.8 32.8

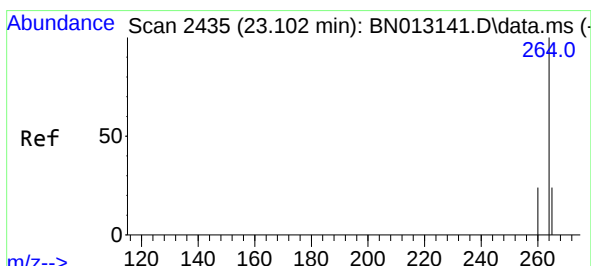
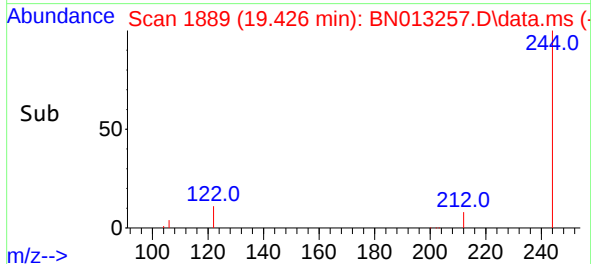
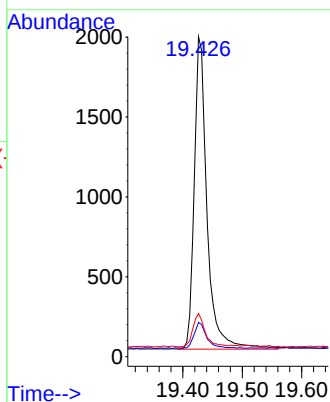
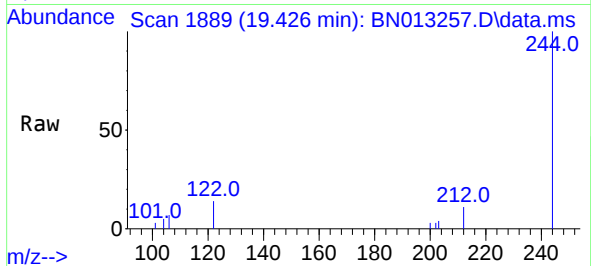




#31
 Terphenyl-d14
 Concen: 0.32 ng
 RT: 19.426 min Scan# 1889
 Delta R.T. -0.020 min
 Lab File: BN013257.D
 Acq: 22 Dec 2020 03:42

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20201214

Tgt Ion:244	Resp:	2918
Ion Ratio	Lower	Upper
244	100	
212	10.7	7.3 10.9
122	13.5	7.3 10.9#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.082 min Scan# 2429
 Delta R.T. -0.014 min
 Lab File: BN013257.D
 Acq: 22 Dec 2020 03:42

Tgt Ion:264	Resp:	4255
Ion Ratio	Lower	Upper
264	100	
260	27.0	19.8 29.6
265	71.3	51.4 77.0

