

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
 Data File : BN011905.D
 Acq On : 24 Sep 2020 08:04
 Operator : CG/JU
 Sample : L4083-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20200917

Quant Time: Sep 24 08:51:53 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 18:41:41 2020
 Response via : Initial Calibration

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

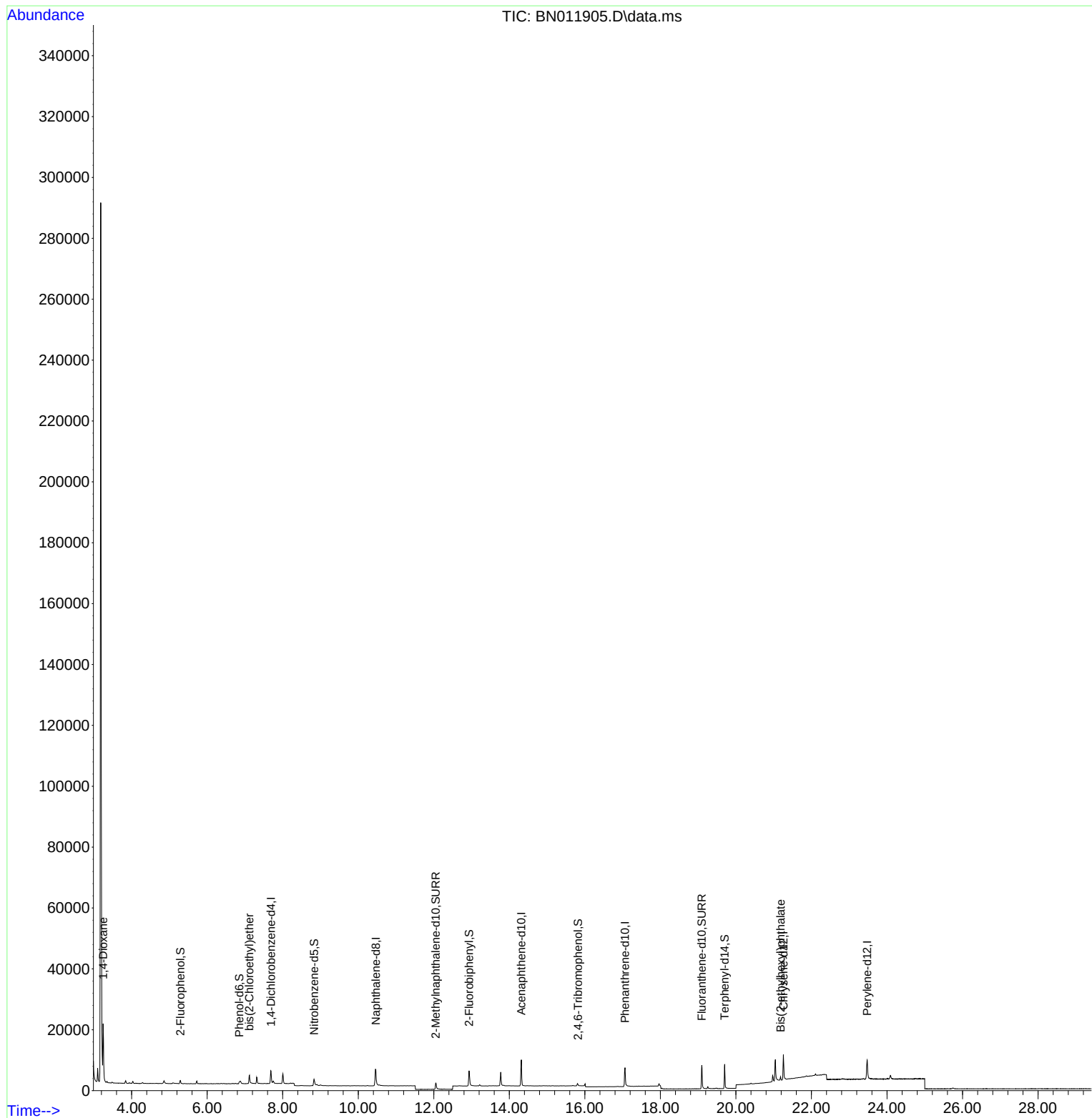
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.691	152	2334	0.40	ng	0.00
7) Naphthalene-d8	10.465	136	9460	0.40	ng	# 0.00
13) Acenaphthene-d10	14.319	164	5230	0.40	ng	0.00
19) Phenanthrene-d10	17.065	188	10552	0.40	ng	0.00
29) Chrysene-d12	21.259	240	9424	0.40	ng	#-0.01
36) Perylene-d12	23.473	264	9433	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	789	0.10	ng	0.00
5) Phenol-d6	6.853	99	526	0.05	ng	0.00
8) Nitrobenzene-d5	8.831	82	2522	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.055	152	3842	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	583	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	5083	0.26	ng	0.00
27) Fluoranthene-d10	19.097	212	9533	0.31	ng	0.00
31) Terphenyl-d14	19.703	244	8307	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	9517	2.34	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.119	93	2393	0.27	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.184	149	1151	0.05	ng	# 89

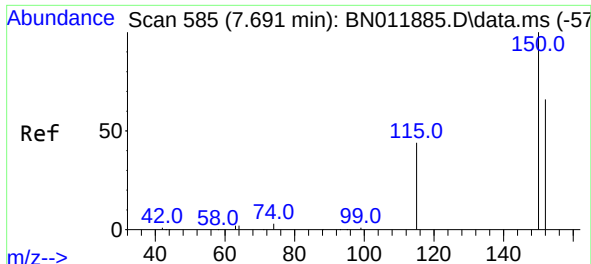
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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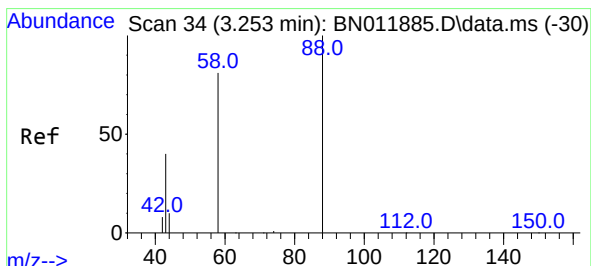
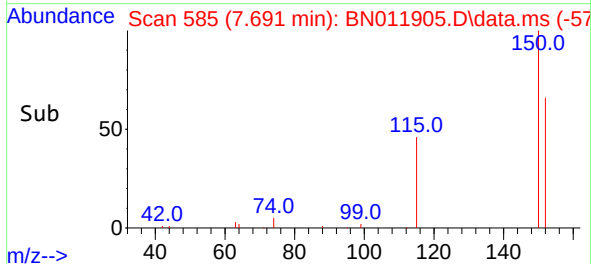
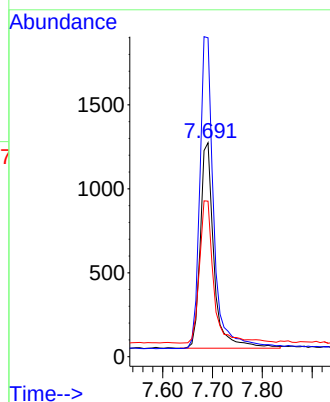
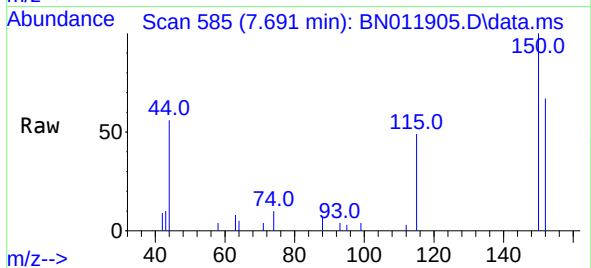




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.691 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BN011905.D
 Acq: 24 Sep 2020 08:04

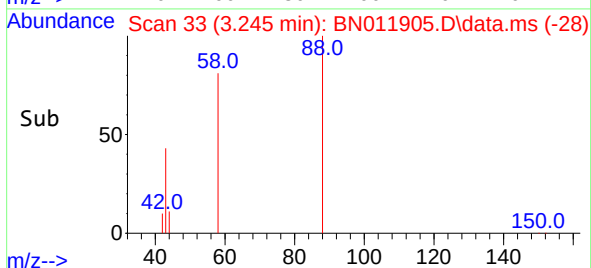
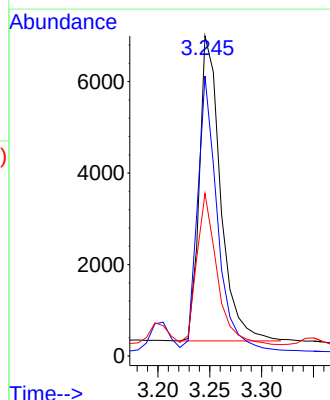
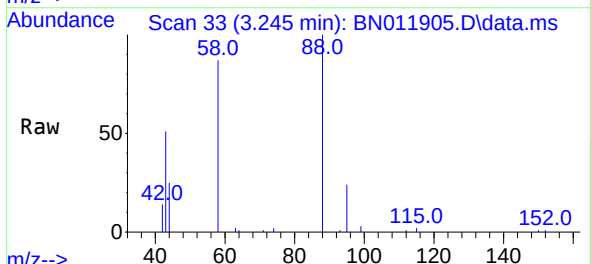
Instrument :
 BNA_N
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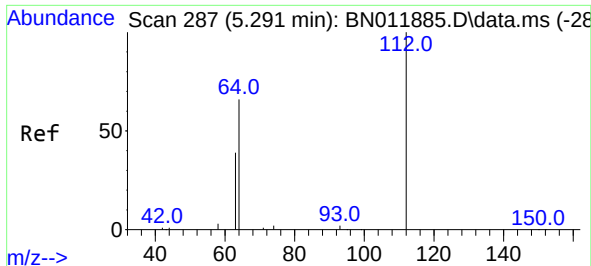
Tgt Ion:152 Resp: 2334
 Ion Ratio Lower Upper
 152 100
 150 149.1 118.3 177.5
 115 72.7 51.3 76.9



#2
 1,4-Dioxane
 Concen: 2.34 ng
 RT: 3.245 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN011905.D
 Acq: 24 Sep 2020 08:04

Tgt Ion: 88 Resp: 9517
 Ion Ratio Lower Upper
 88 100
 58 83.0 63.3 94.9
 43 47.3 33.0 49.4

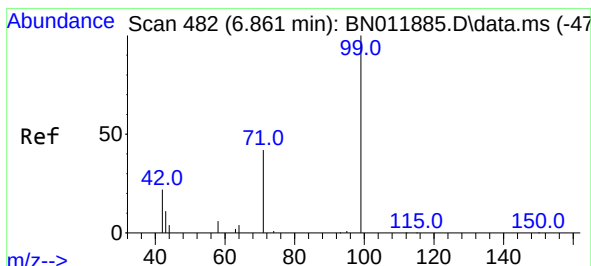
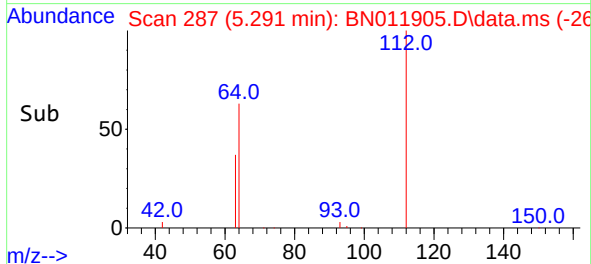
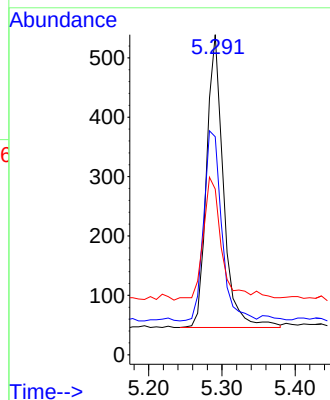
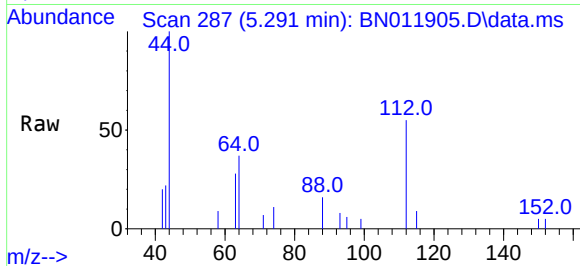




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

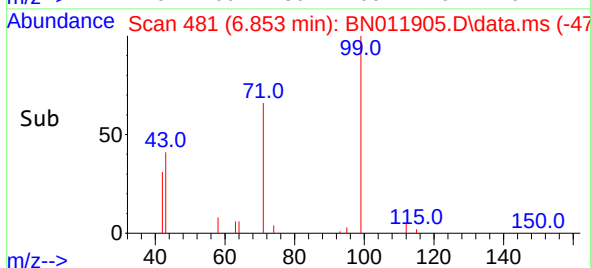
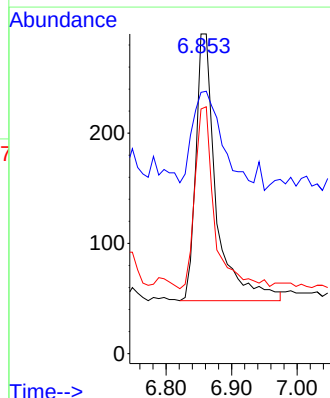
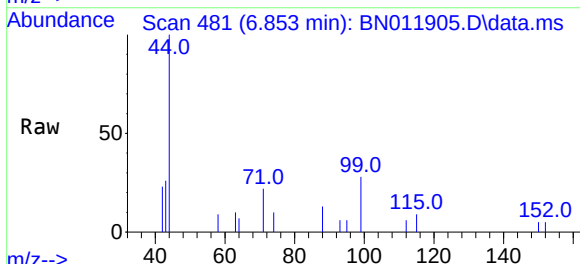
Instrument :
BNA_N
ClientSampleId :
RE104D2-20200917

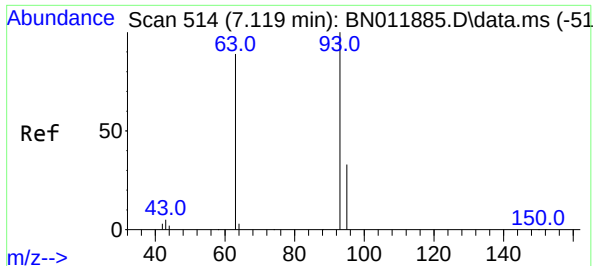
Tgt Ion:	112	Resp:	789
Ion	Ratio	Lower	Upper
112	100		
64	69.3	49.0	73.6
63	47.1	31.8	47.6



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion:	99	Resp:	526
Ion	Ratio	Lower	Upper
99	100		
42	47.5	23.4	35.0#
71	65.4	38.1	57.1#

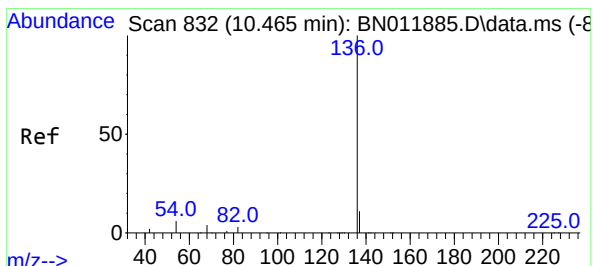
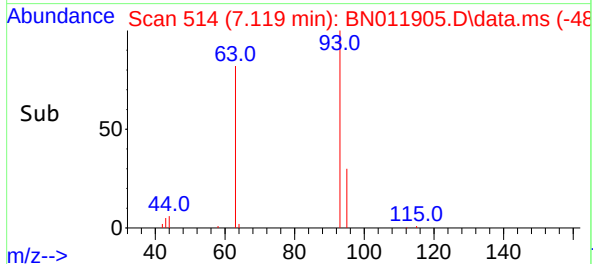
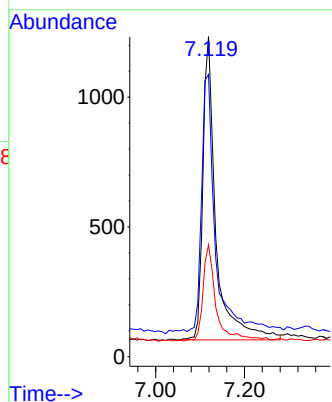
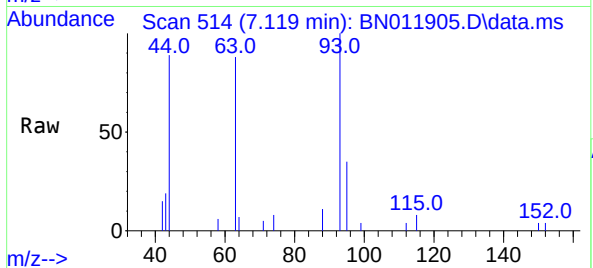




#6
bis(2-Chloroethyl)ether
Concen: 0.27 ng
RT: 7.119 min Scan# 514
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

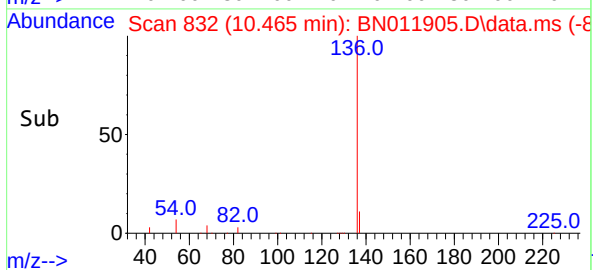
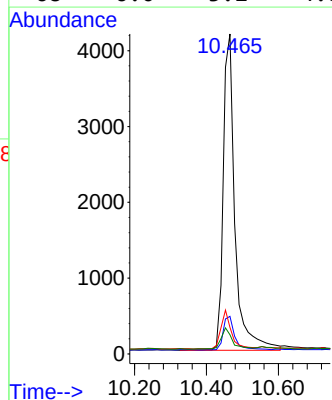
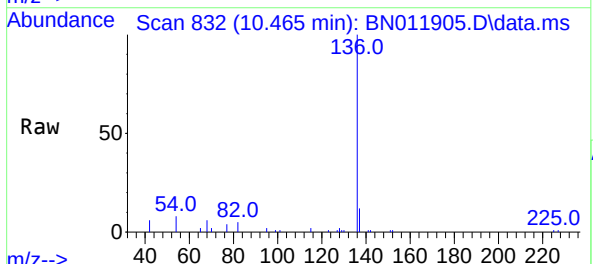
Instrument :
BNA_N
ClientSampleId :
RE104D2-20200917

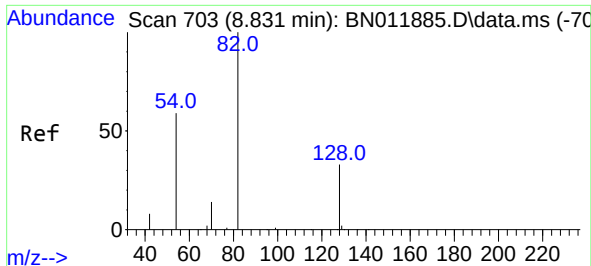
Tgt Ion: 93 Resp: 2393
Ion Ratio Lower Upper
93 100
63 94.7 61.1 91.7#
95 31.3 25.5 38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.465 min Scan# 832
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion: 136 Resp: 9460
Ion Ratio Lower Upper
136 100
137 11.7 9.5 14.3
54 8.3 5.6 8.4
68 6.0 3.2 4.8#

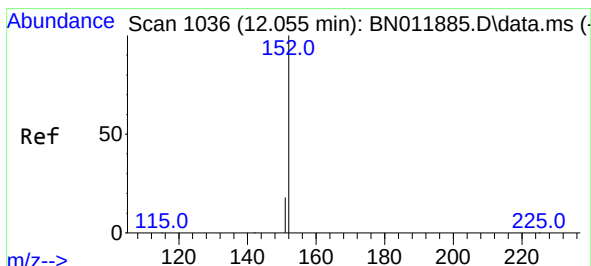
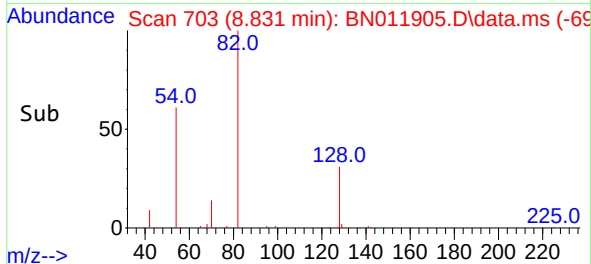
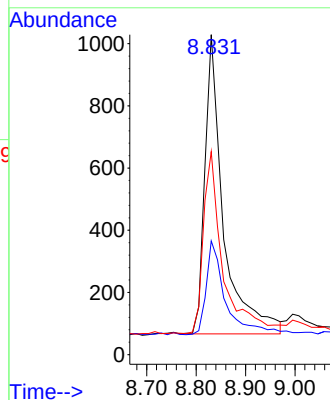
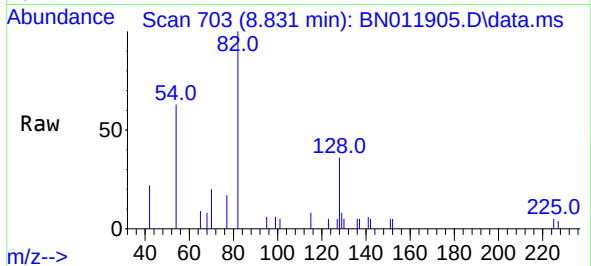




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

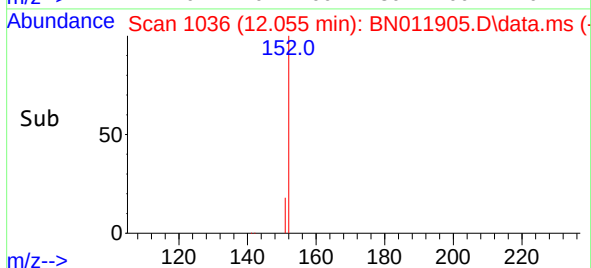
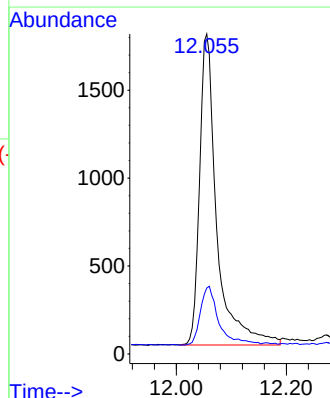
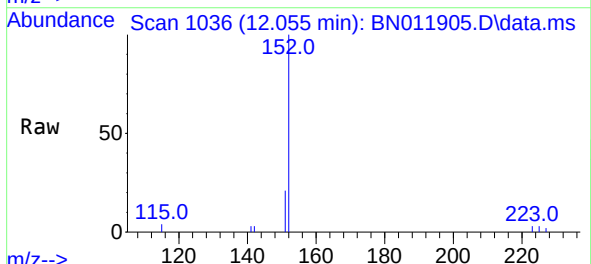
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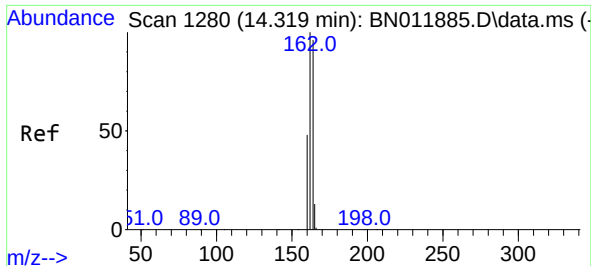
Tgt Ion: 82 Resp: 2522
Ion Ratio Lower Upper
82 100
128 35.6 34.2 51.2
54 63.5 43.1 64.7



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.055 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion: 152 Resp: 3842
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

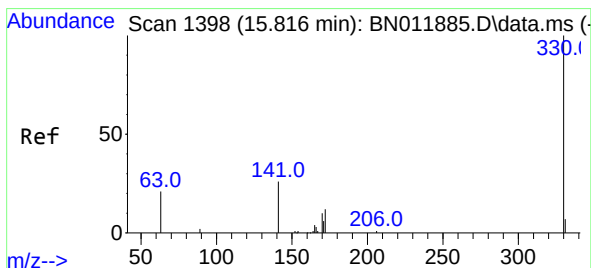
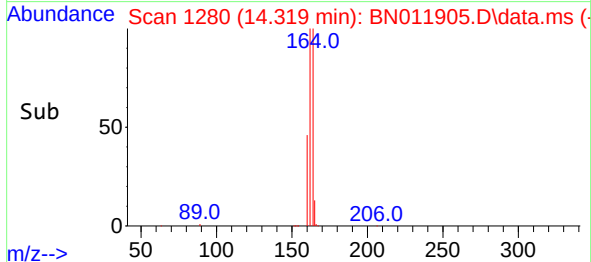
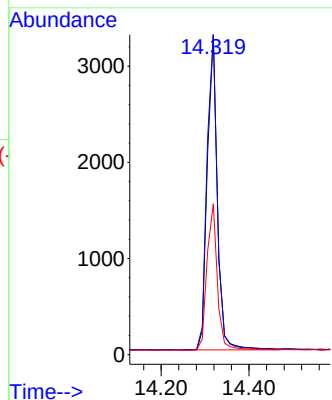
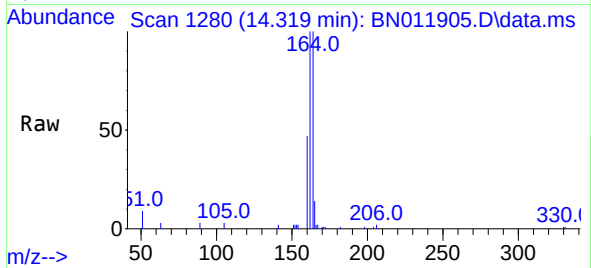




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

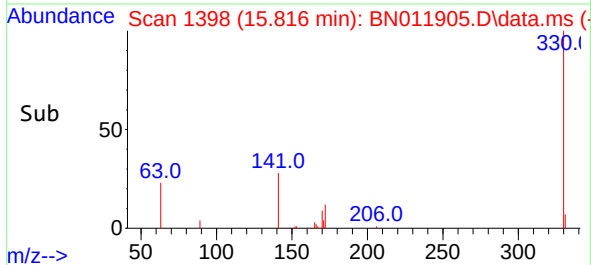
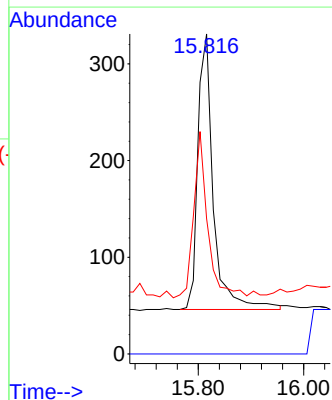
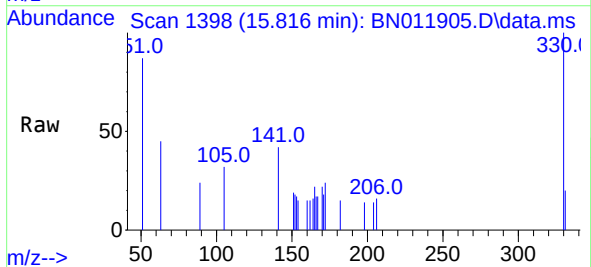
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BNA_N
ClientSampleId :
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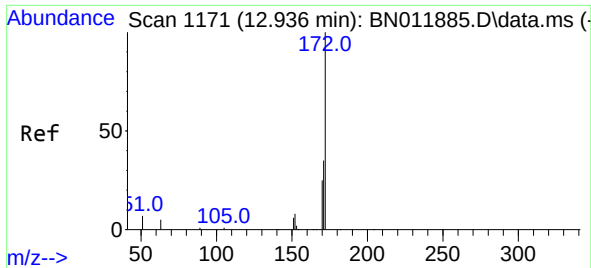
Tgt Ion:164 Resp: 5230
Ion Ratio Lower Upper
164 100
162 100.0 83.6 125.4
160 47.2 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.816 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion:330 Resp: 583
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 55.9 33.7 50.5#

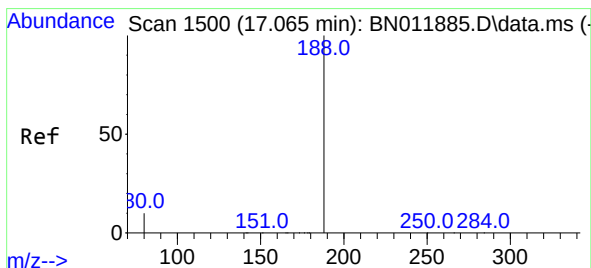
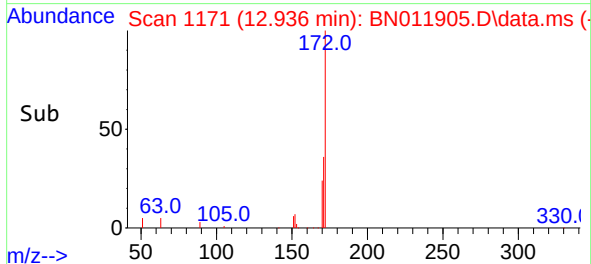
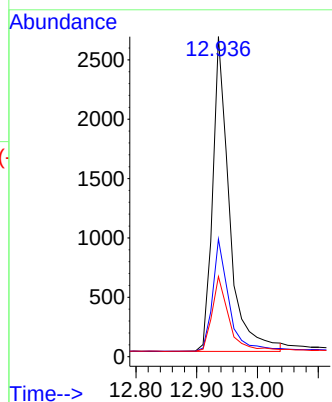
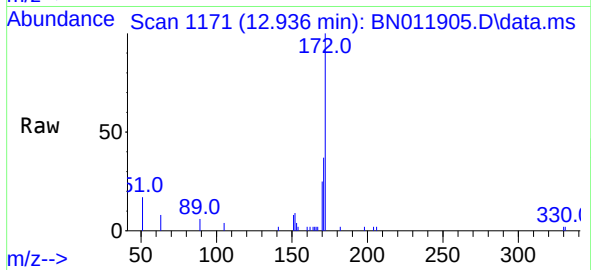




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

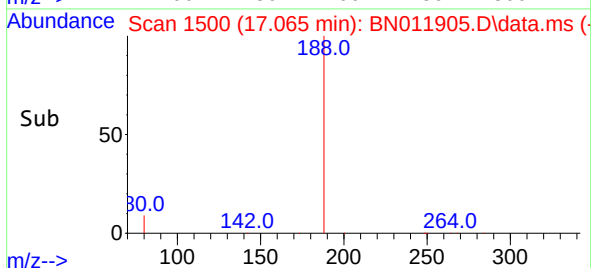
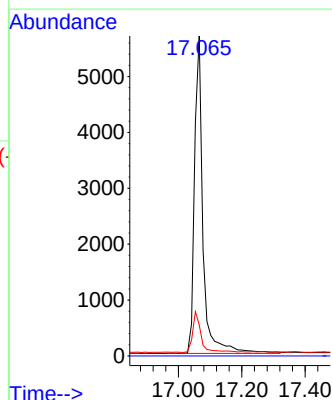
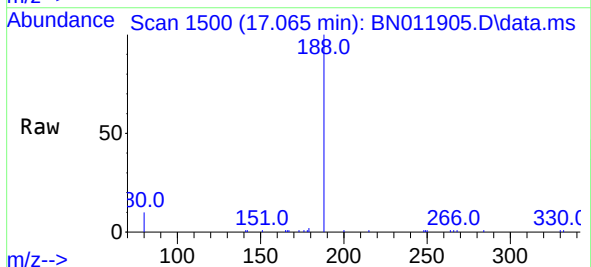
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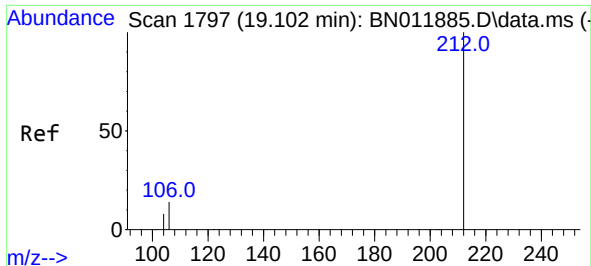
Tgt Ion:	172	Resp:	5083
Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.4	41.2
170	25.0	17.8	26.6



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.065 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion:	188	Resp:	10552
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.7	11.5

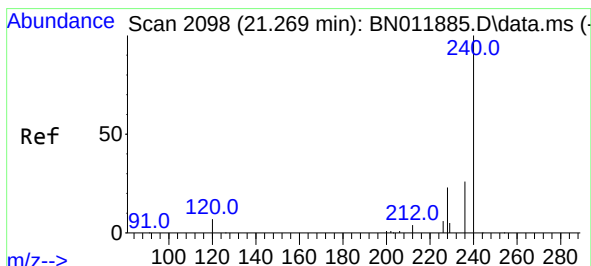
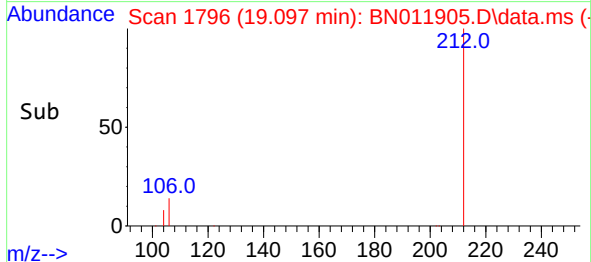
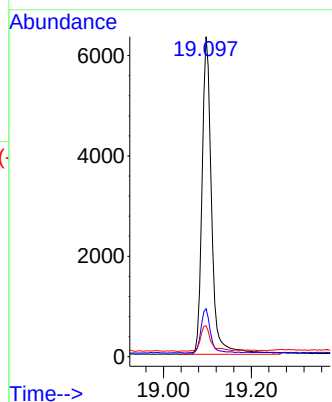
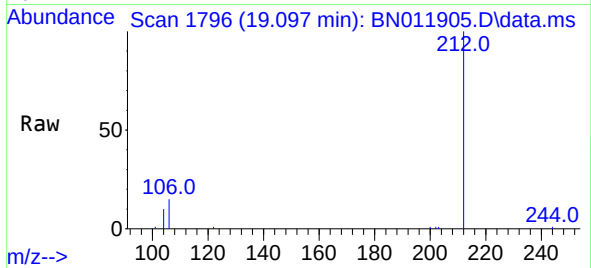




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

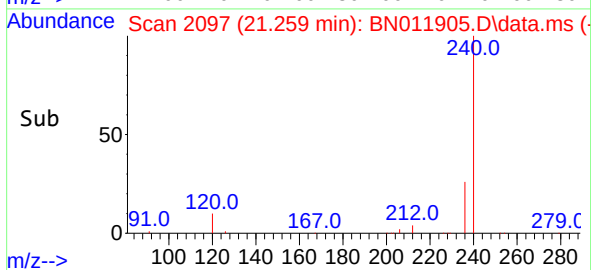
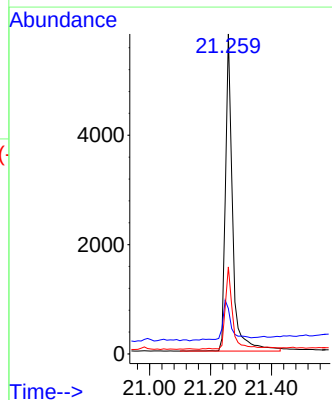
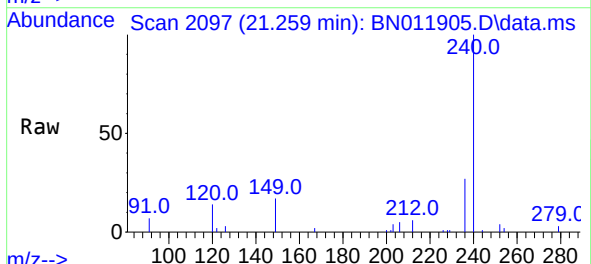
Instrument :
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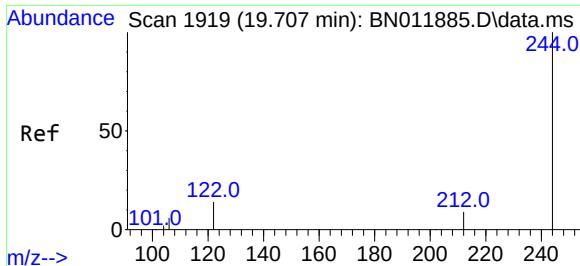
Tgt Ion:212 Resp: 9533
Ion Ratio Lower Upper
212 100
106 13.8 6.4 9.6#
104 8.6 3.9 5.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.259 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion:240 Resp: 9424
Ion Ratio Lower Upper
240 100
120 14.2 3.5 5.3#
236 27.2 20.5 30.7

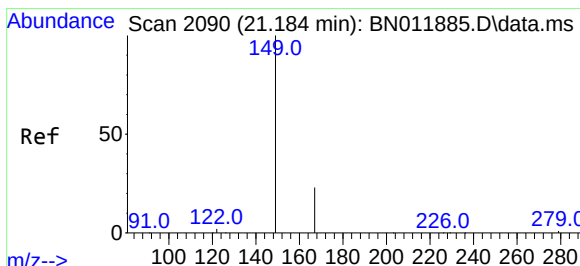
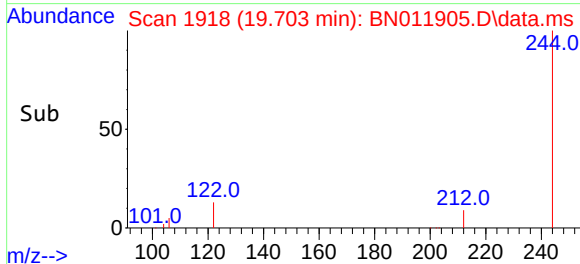
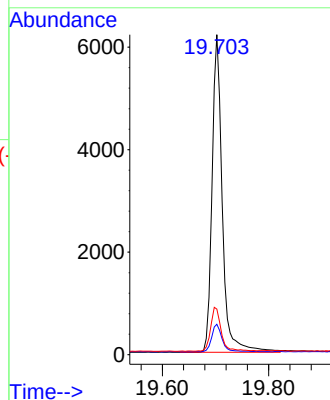
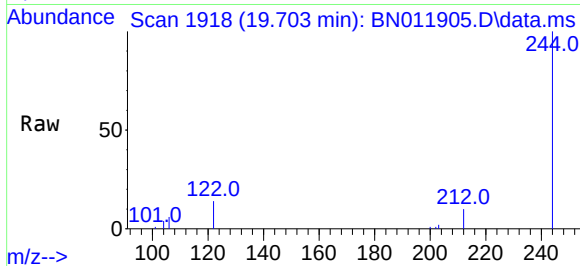




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.703 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

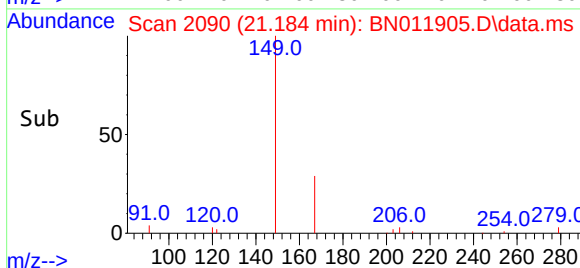
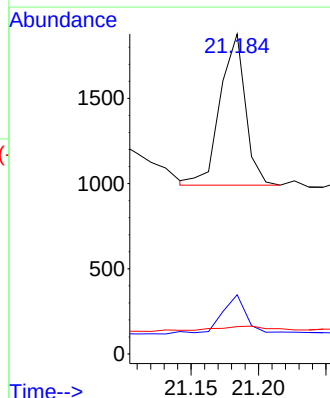
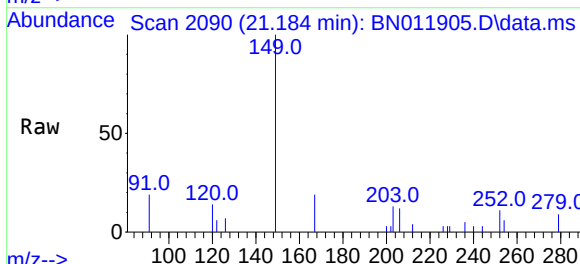
Instrument :
BNA_N
ClientSampleId :
RE104D2-20200917

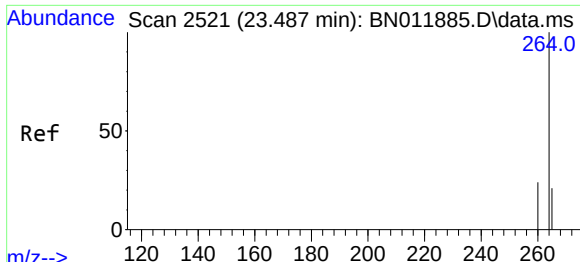
Tgt Ion:244 Resp: 8307
Ion Ratio Lower Upper
244 100
212 9.5 7.3 10.9
122 14.3 7.8 11.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Tgt Ion:149 Resp: 1151
Ion Ratio Lower Upper
149 100
167 22.5 23.6 35.4#
279 5.1 4.0 6.0





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.473 min Scan# 2517
Delta R.T. -0.014 min
Lab File: BN011905.D
Acq: 24 Sep 2020 08:04

Instrument :
BNA_N
ClientSampleId :
RE104D2-20200917

Tgt Ion:264	Resp:	9433
Ion	Ratio	Lower Upper
264	100	
260	25.9	19.6 29.4
265	69.2	38.6 58.0#

