

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
 Data File : BN011924.D
 Acq On : 24 Sep 2020 21:23
 Operator : CG/JU
 Sample : L4083-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200917

Quant Time: Sep 25 01:41:13 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)

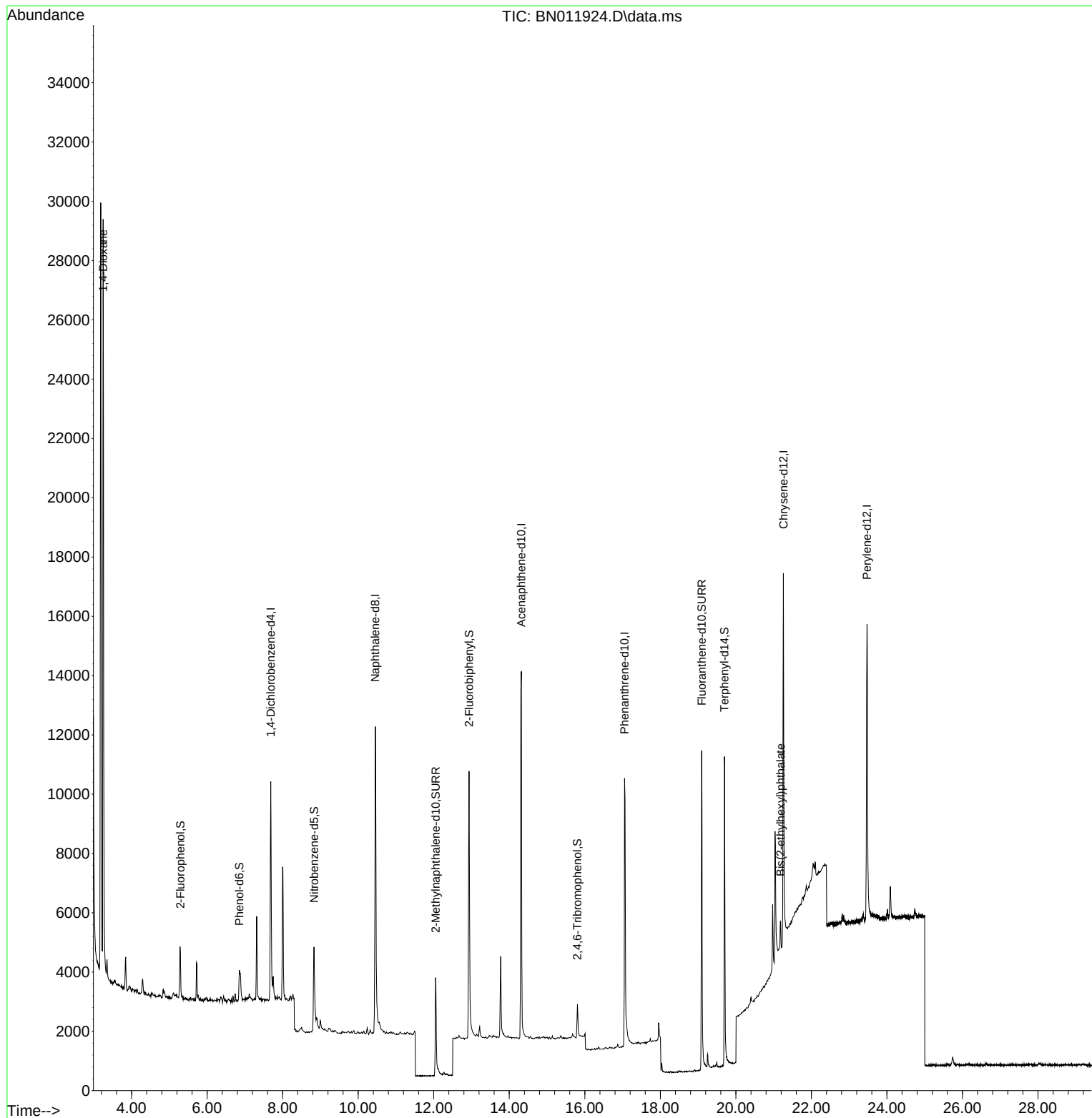
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	3922	0.40	ng	0.00
7) Naphthalene-d8	10.453	136	16117	0.40	ng	#-0.01
13) Acenaphthene-d10	14.319	164	8651	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	16826	0.40	ng	#-0.01
29) Chrysene-d12	21.259	240	14539	0.40	ng	#-0.01
36) Perylene-d12	23.470	264	14729	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1300	0.09	ng	0.00
5) Phenol-d6	6.853	99	875	0.05	ng	0.00
8) Nitrobenzene-d5	8.831	82	3559	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	6034	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	880	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.936	172	9458	0.29	ng	0.00
27) Fluoranthene-d10	19.097	212	13963	0.28	ng	0.00
31) Terphenyl-d14	19.698	244	11949	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	14658	2.15	ng	Qvalue 96
34) Bis(2-ethylhexyl)phtha...	21.184	149	1126	0.03	ng	# 87

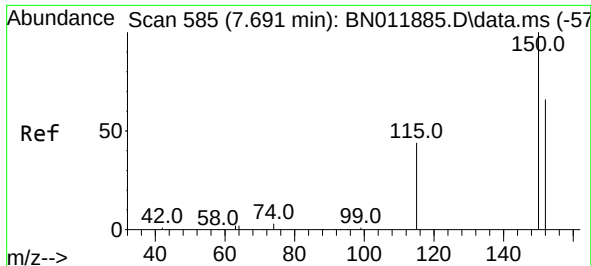
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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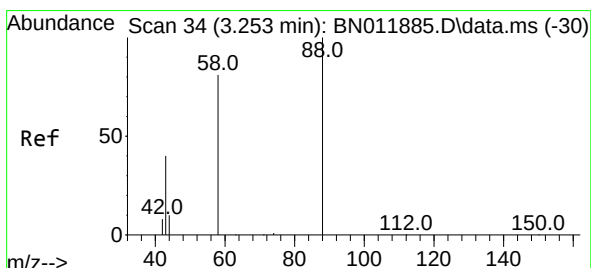
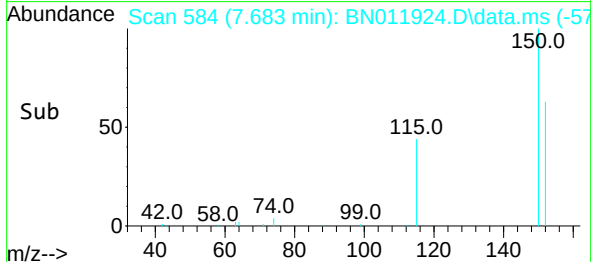
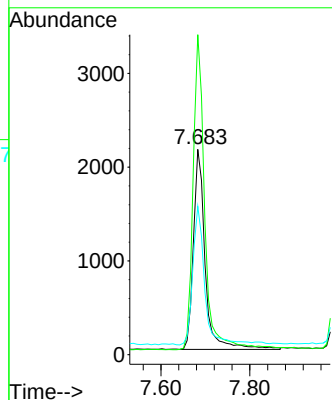
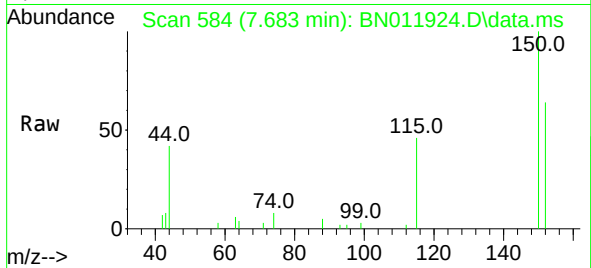




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.683 min Scan# 584
 Delta R.T. -0.008 min
 Lab File: BN011924.D
 Acq: 24 Sep 2020 21:23

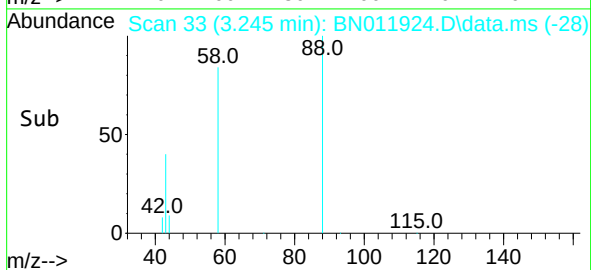
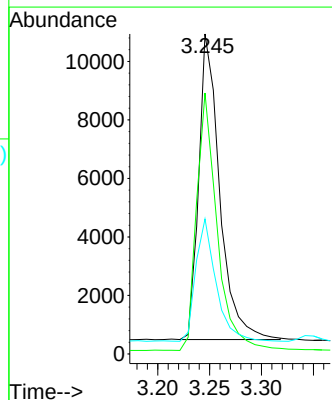
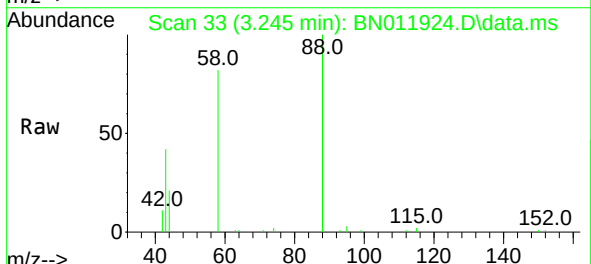
Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200917

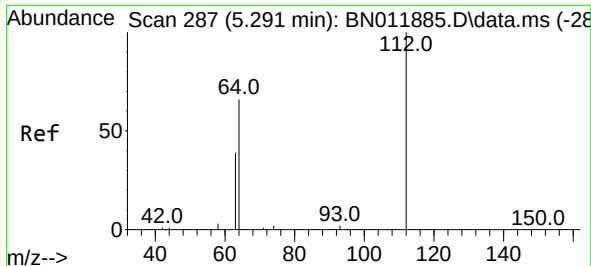
Tgt Ion:152 Resp: 3922
 Ion Ratio Lower Upper
 152 100
 150 155.8 118.3 177.5
 115 72.2 51.3 76.9



#2
 1,4-Dioxane
 Concen: 2.15 ng
 RT: 3.245 min Scan# 33
 Delta R.T. -0.008 min
 Lab File: BN011924.D
 Acq: 24 Sep 2020 21:23

Tgt Ion: 88 Resp: 14658
 Ion Ratio Lower Upper
 88 100
 58 82.5 63.3 94.9
 43 38.8 33.0 49.4

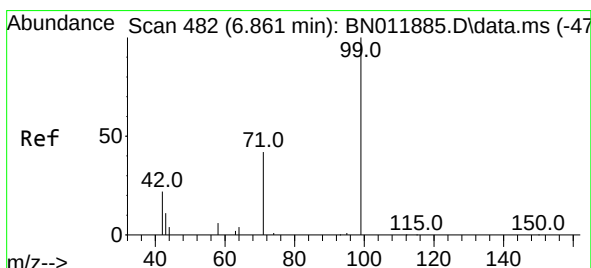
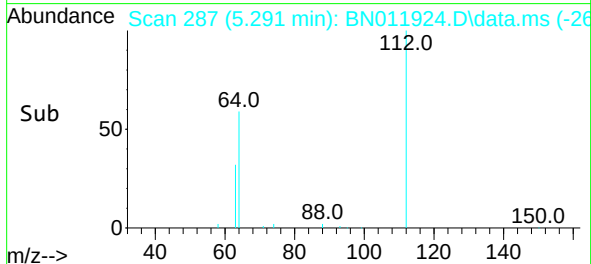
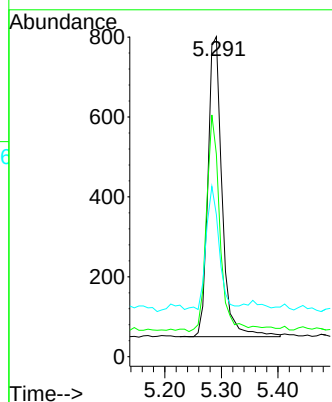
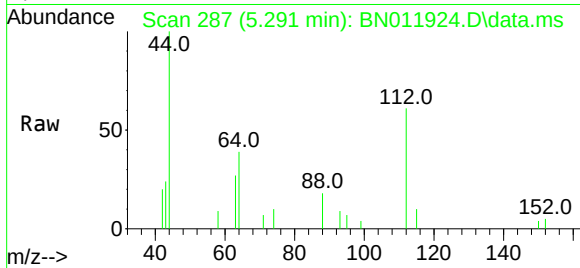




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.291 min Scan# 287
Delta R.T. 0.000 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

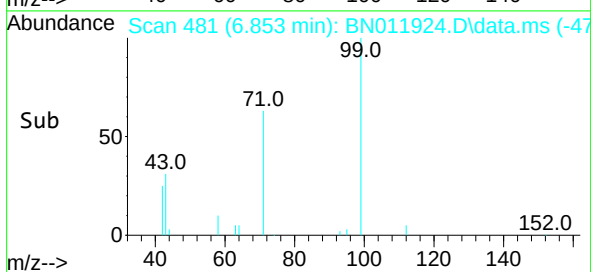
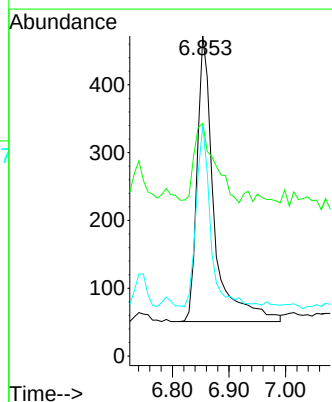
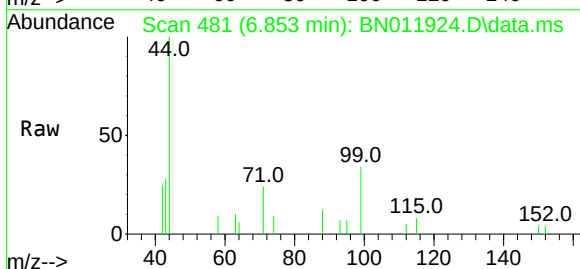
Instrument :
BNA_N
ClientSampleId :
RE109D1-20200917

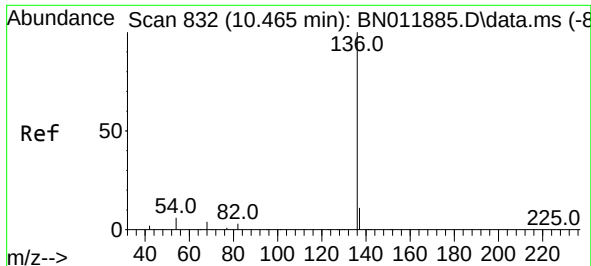
Tgt Ion:	112	Resp:	1300
Ion	Ratio	Lower	Upper
112	100		
64	71.2	49.0	73.6
63	37.8	31.8	47.6



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

Tgt Ion:	99	Resp:	875
Ion	Ratio	Lower	Upper
99	100		
42	33.5	23.4	35.0
71	53.4	38.1	57.1

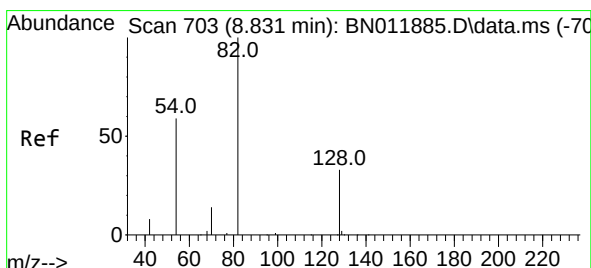
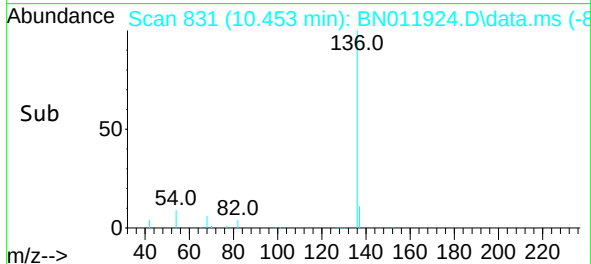
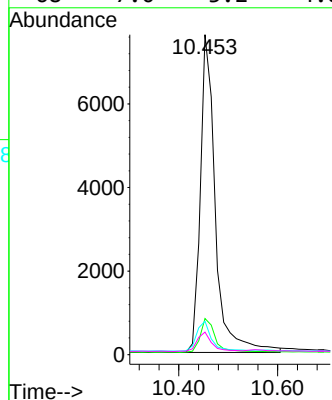
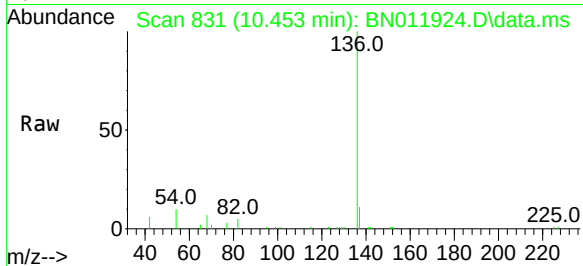




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.012 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

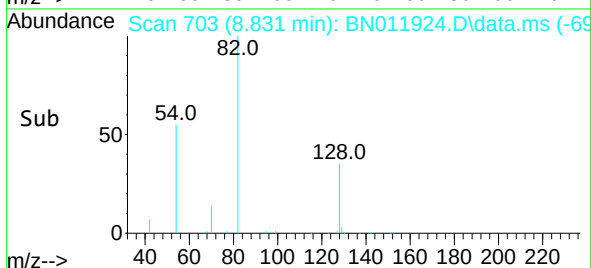
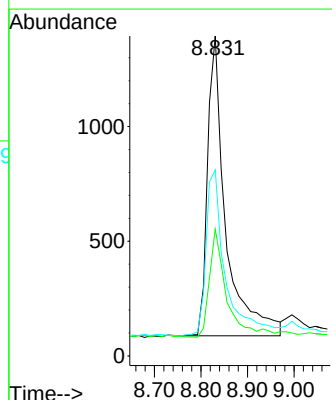
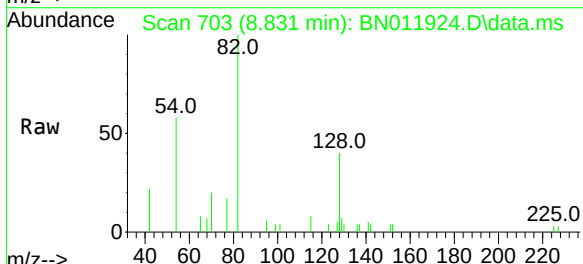
Instrument :
BNA_N
ClientSampleId :
RE109D1-20200917

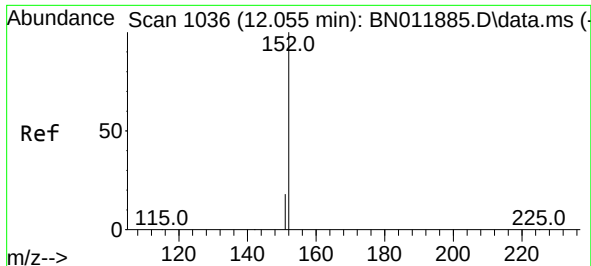
Tgt Ion:	136	Resp:	16117
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.5	14.3
54	10.5	5.6	8.4#
68	7.0	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.831 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

Tgt Ion:	82	Resp:	3559
Ion Ratio	Lower	Upper	
82	100		
128	39.6	34.2	51.2
54	58.1	43.1	64.7

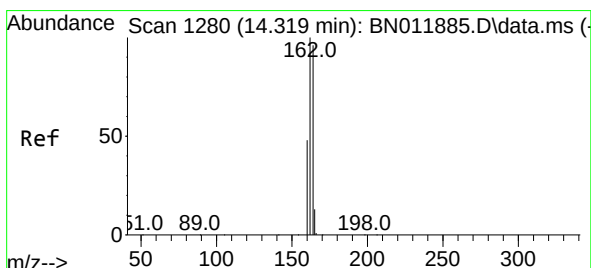
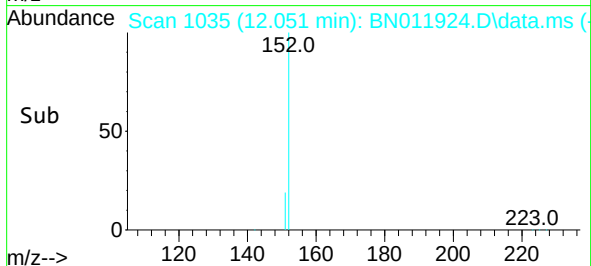
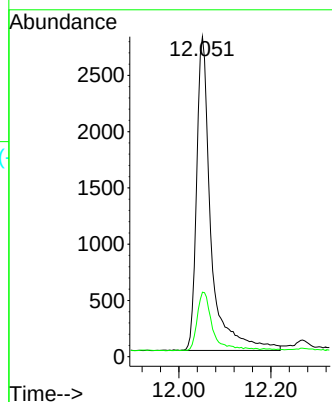
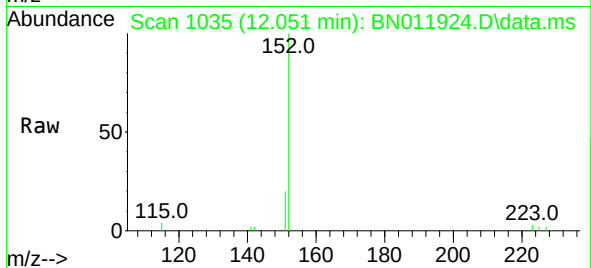




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

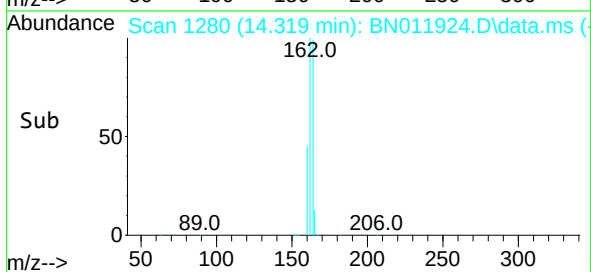
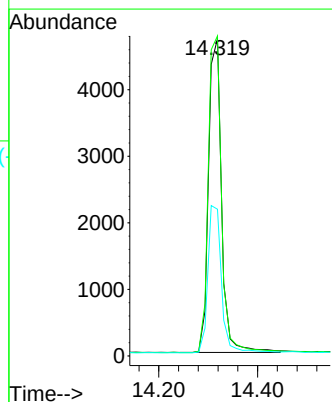
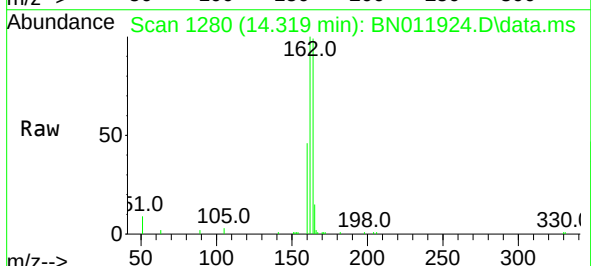
Instrument :
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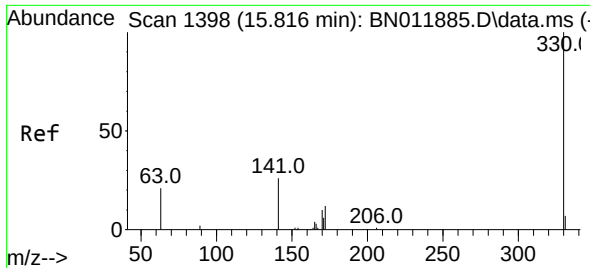
Tgt Ion:152 Resp: 6034
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.319 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

Tgt Ion:164 Resp: 8651
Ion Ratio Lower Upper
164 100
162 100.9 83.6 125.4
160 46.2 41.2 61.8

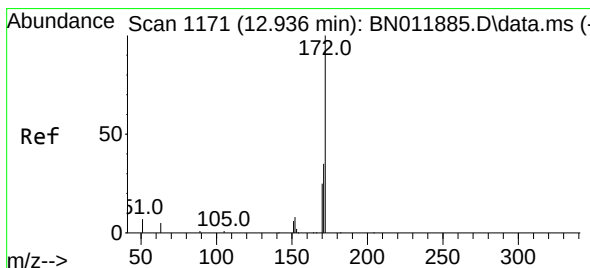
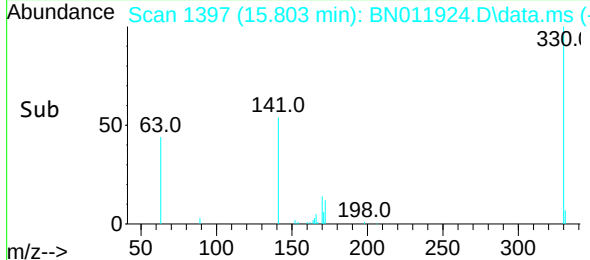
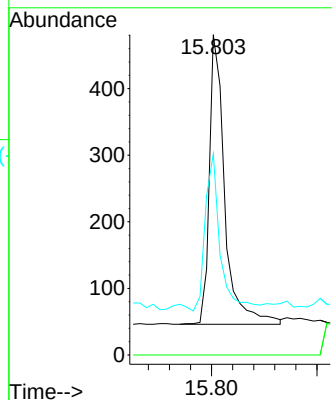
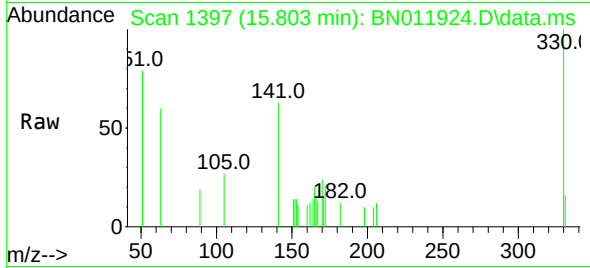




#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.803 min Scan# 1397
Delta R.T. -0.013 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

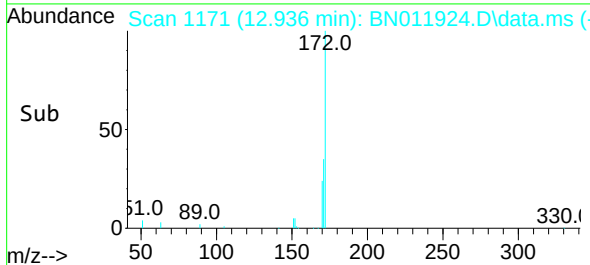
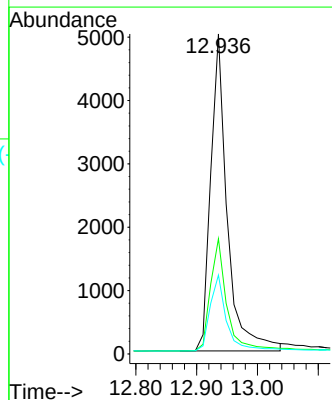
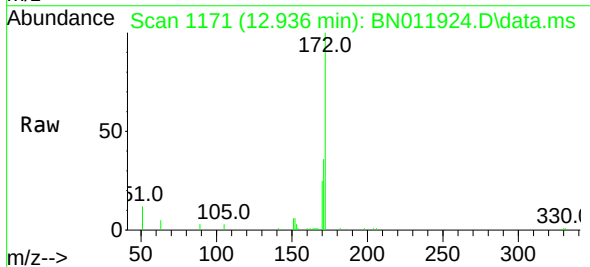
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ClientSampleId :
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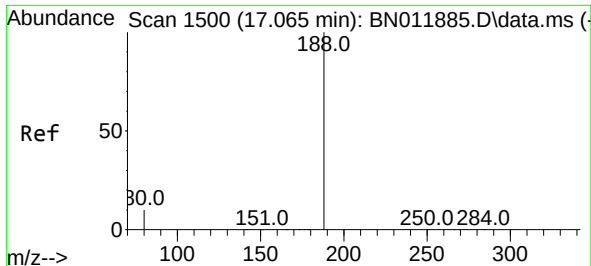
Tgt Ion: 330 Resp: 880
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.2 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.936 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

Tgt Ion: 172 Resp: 9458
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.2
170 24.7 17.8 26.6

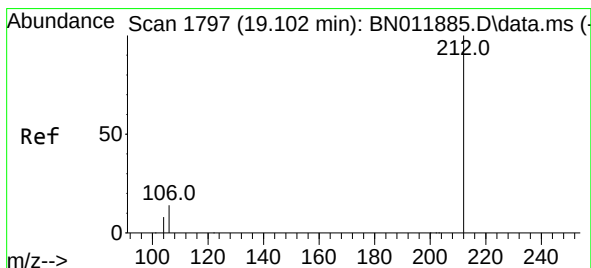
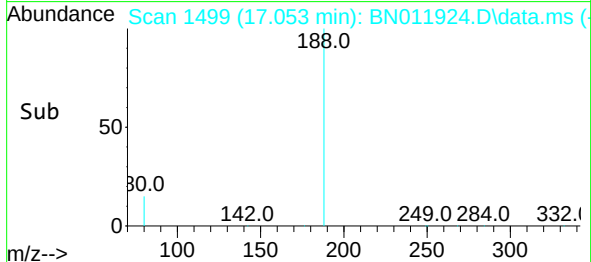
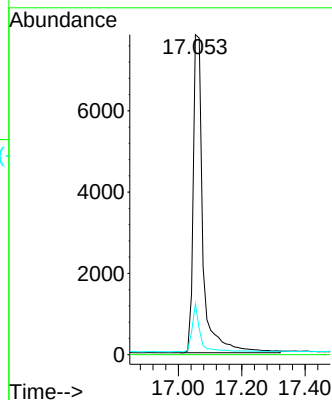
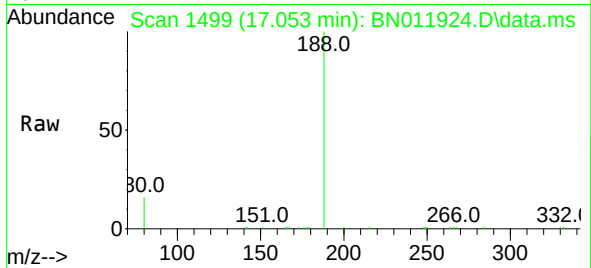




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

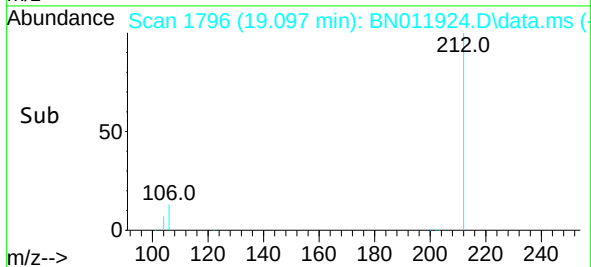
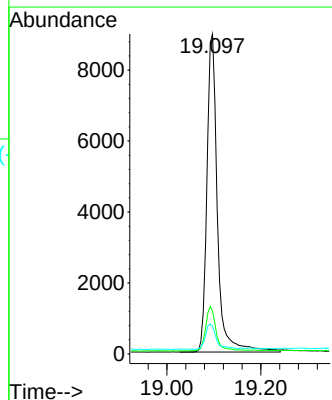
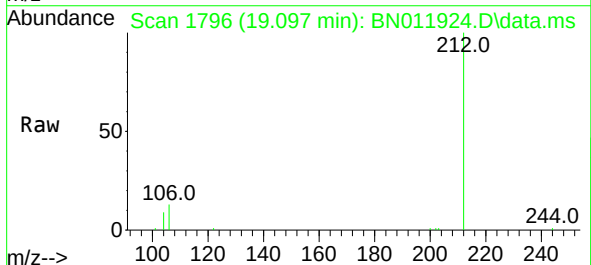
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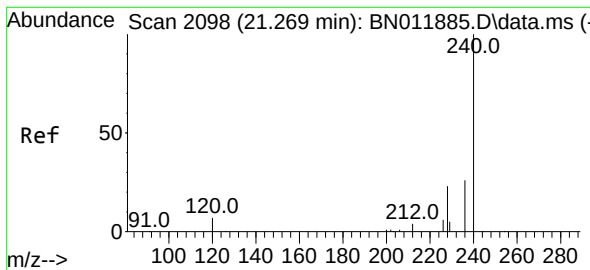
Tgt Ion:188 Resp: 16826
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 7.7 11.5#



#27
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.097 min Scan# 1796
Delta R.T. -0.005 min
Lab File: BN011924.D
Acq: 24 Sep 2020 21:23

Tgt Ion:212 Resp: 13963
Ion Ratio Lower Upper
212 100
106 13.7 6.4 9.6#
104 8.3 3.9 5.9#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.259 min Scan# 2097

Delta R.T. -0.010 min

Lab File: BN011924.D

Acq: 24 Sep 2020 21:23

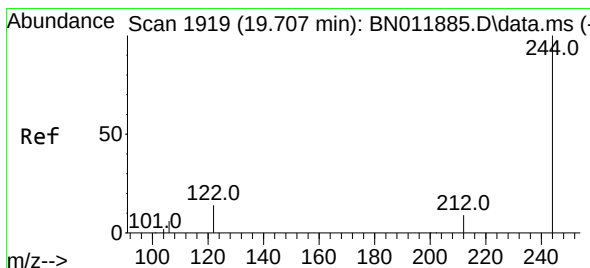
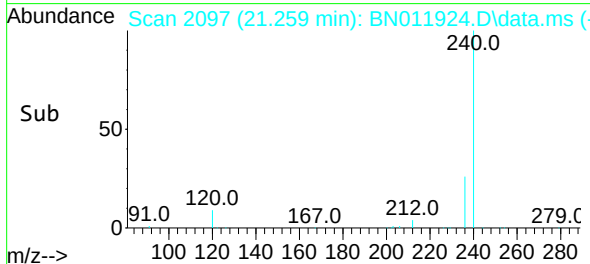
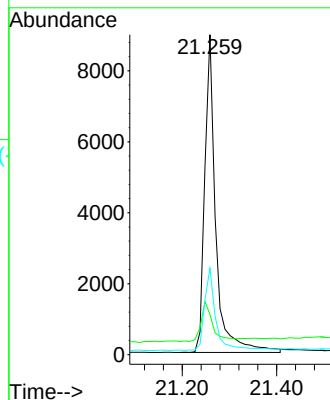
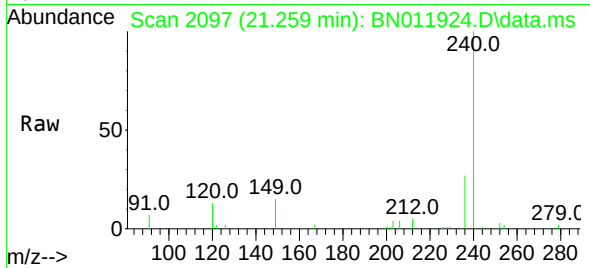
Tgt Ion:240 Resp: 14539

Ion Ratio Lower Upper

240 100

120 12.6 3.5 5.3#

236 27.0 20.5 30.7



#31

Terphenyl-d14

Concen: 0.36 ng

RT: 19.698 min Scan# 1917

Delta R.T. -0.010 min

Lab File: BN011924.D

Acq: 24 Sep 2020 21:23

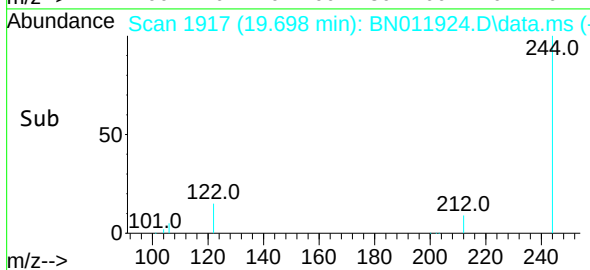
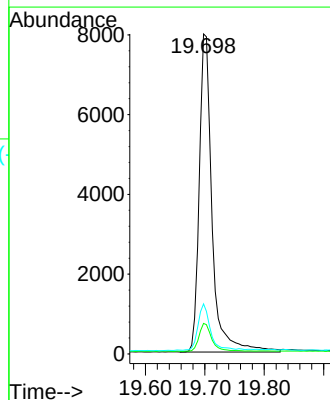
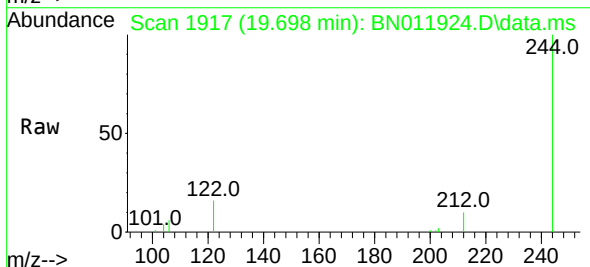
Tgt Ion:244 Resp: 11949

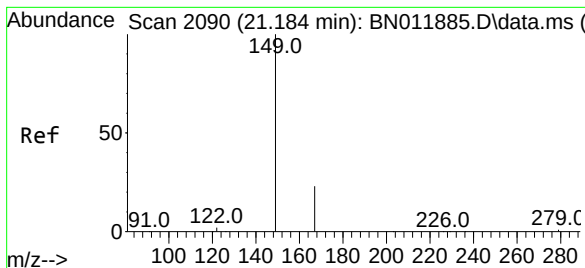
Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

122 15.7 7.8 11.6#

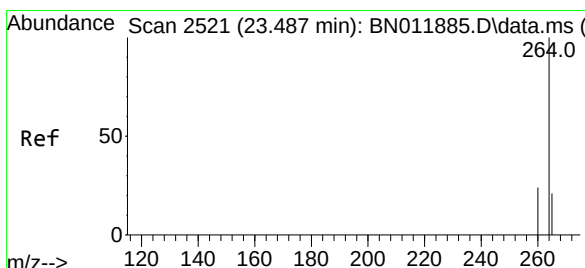
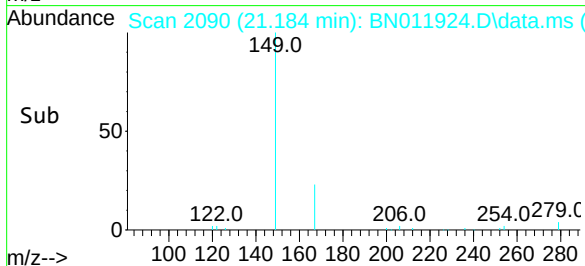
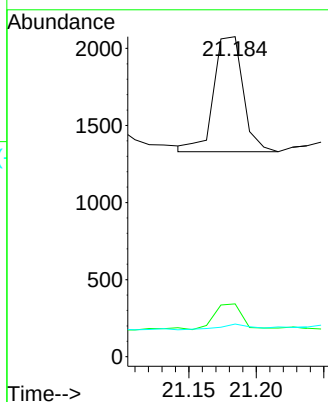
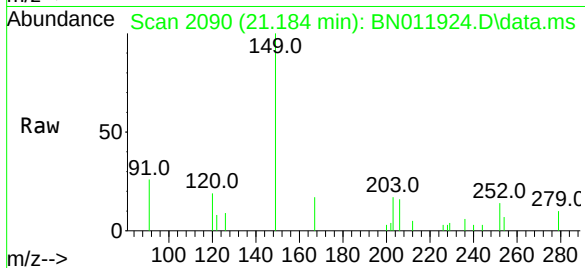




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.184 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: BN011924.D
 Acq: 24 Sep 2020 21:23

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200917

Tgt Ion:149 Resp: 1126
 Ion Ratio Lower Upper
 149 100
 167 21.3 23.6 35.4#
 279 5.4 4.0 6.0



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.470 min Scan# 2516
 Delta R.T. -0.017 min
 Lab File: BN011924.D
 Acq: 24 Sep 2020 21:23

Tgt Ion:264 Resp: 14729
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 66.3 38.6 58.0#

