

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
 Data File : BN011939.D
 Acq On : 25 Sep 2020 07:41
 Operator : CG/JU
 Sample : L4082-21DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200916DL

Quant Time: Sep 25 08:54:24 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)

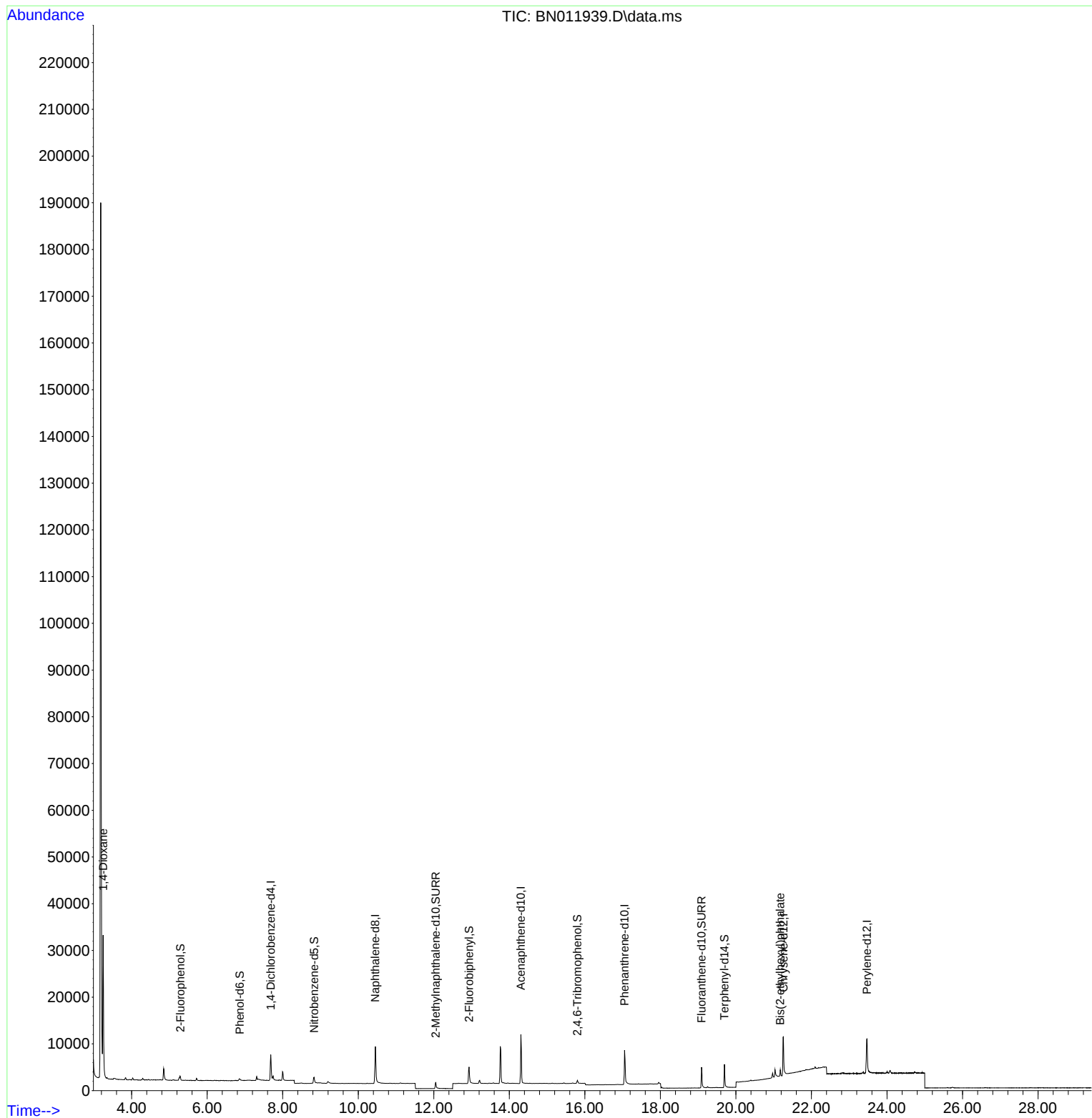
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.683	152	2744	0.40	ng	0.00
7) Naphthalene-d8	10.453	136	11640	0.40	ng	#-0.01
13) Acenaphthene-d10	14.306	164	6400	0.40	ng	-0.01
19) Phenanthrene-d10	17.053	188	12752	0.40	ng	#-0.01
29) Chrysene-d12	21.258	240	11439	0.40	ng	#-0.01
36) Perylene-d12	23.467	264	11528	0.40	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	628	0.07	ng	0.00
5) Phenol-d6	6.861	99	374	0.03	ng	0.00
8) Nitrobenzene-d5	8.830	82	1582	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.051	152	2365	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	572	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.936	172	3780	0.16	ng	0.00
27) Fluoranthene-d10	19.092	212	5768	0.15	ng	0.00
31) Terphenyl-d14	19.697	244	5806	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.245	88	16301	3.41	ng	95
34) Bis(2-ethylhexyl)phtha...	21.173	149	1204	0.05	ng	92

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

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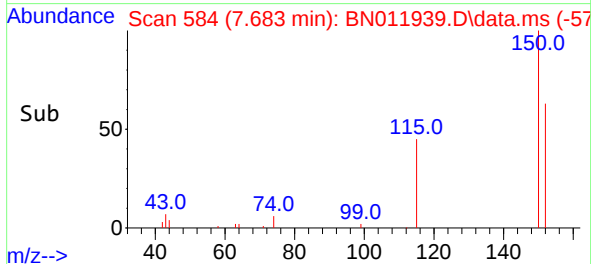
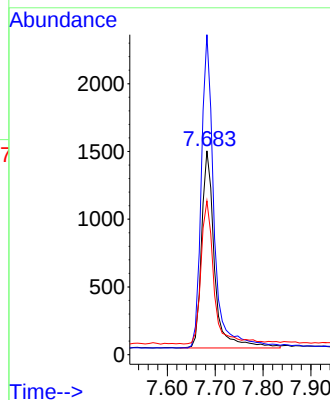
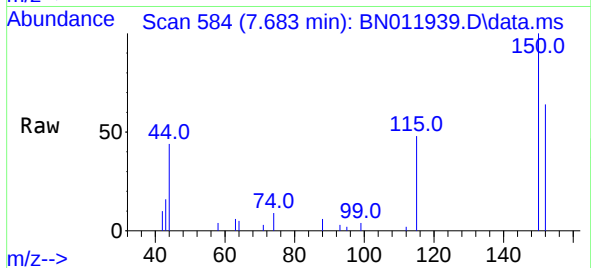




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.008 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

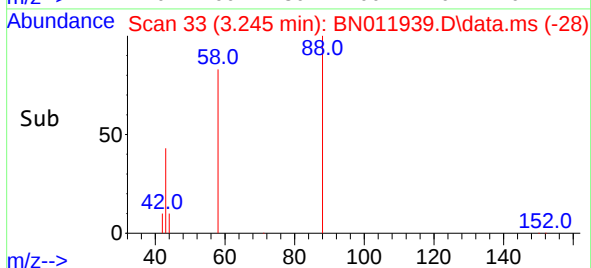
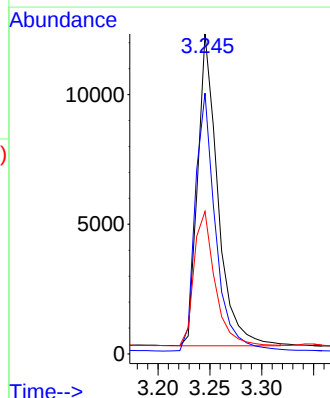
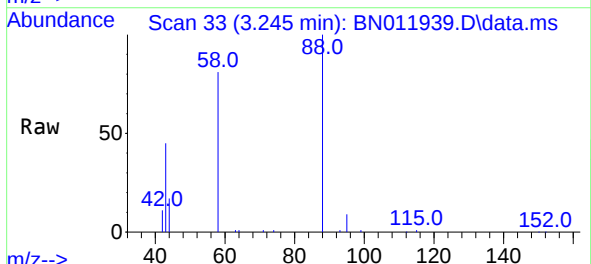
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200916DL

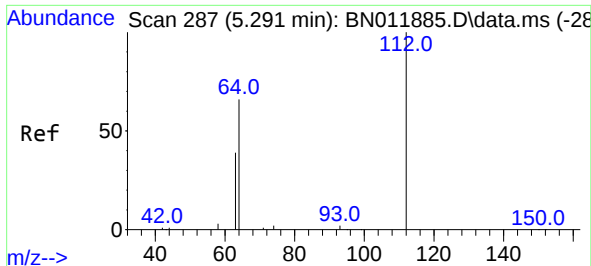
Tgt Ion:152 Resp: 2744
Ion Ratio Lower Upper
152 100
150 157.0 118.3 177.5
115 75.5 51.3 76.9



#2
1,4-Dioxane
Concen: 3.41 ng
RT: 3.245 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion: 88 Resp: 16301
Ion Ratio Lower Upper
88 100
58 83.1 63.3 94.9
43 44.7 33.0 49.4

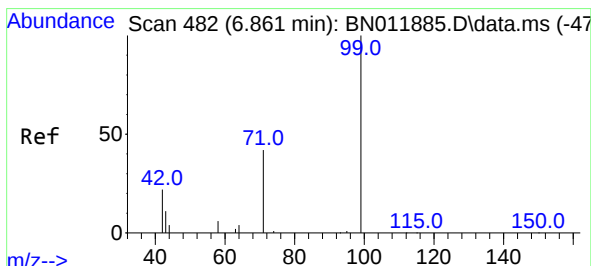
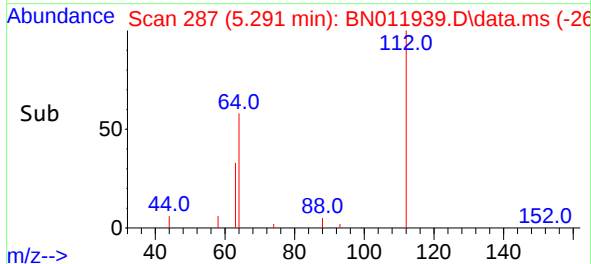
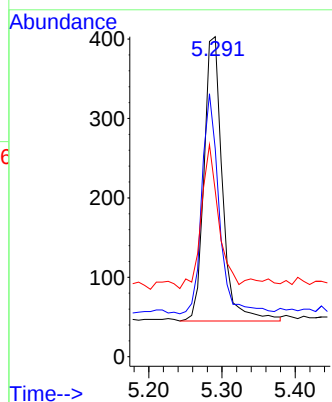
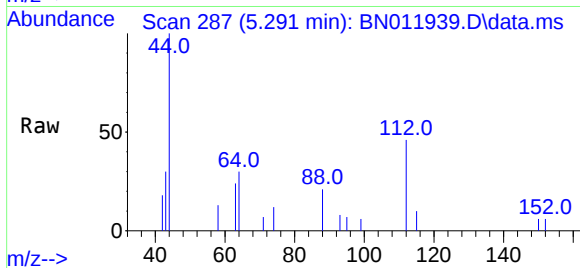




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.291 min Scan# 287
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

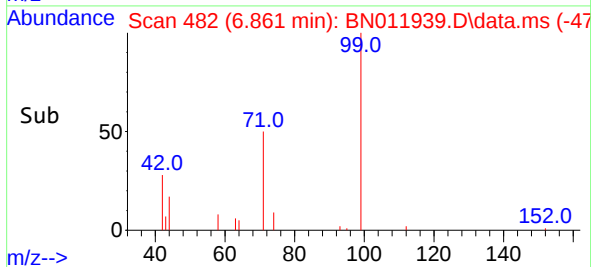
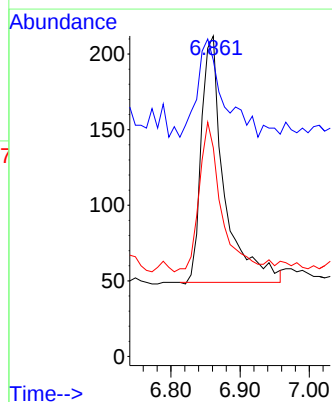
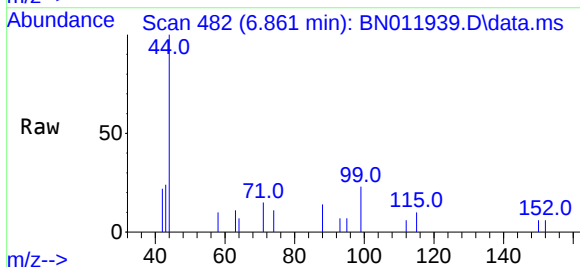
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200916DL

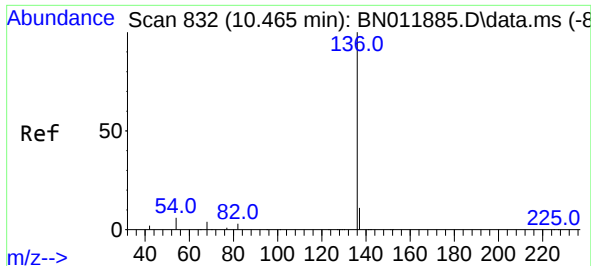
Tgt Ion:	112	Resp:	628
Ion	Ratio	Lower	Upper
112	100		
64	72.9	49.0	73.6
63	47.8	31.8	47.6#



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.861 min Scan# 482
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:	99	Resp:	374
Ion	Ratio	Lower	Upper
99	100		
42	45.2	23.4	35.0#
71	58.3	38.1	57.1#

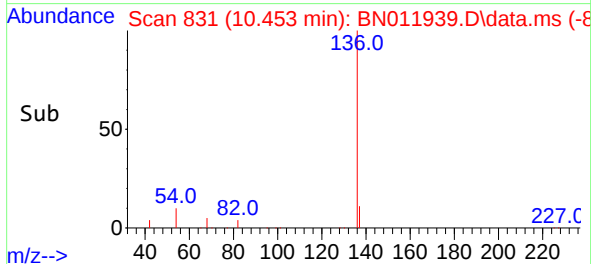
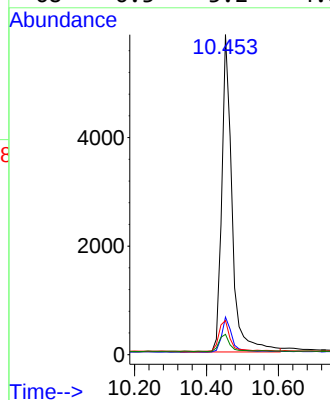
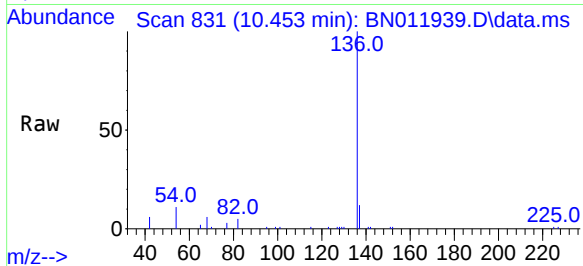




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.013 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

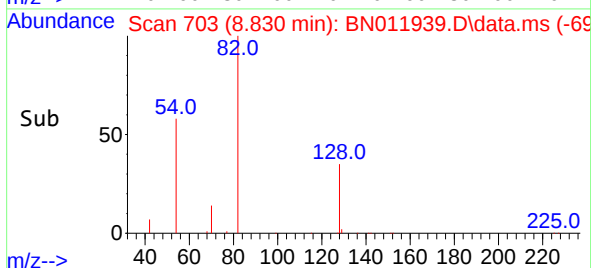
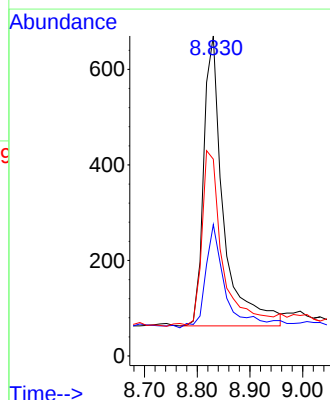
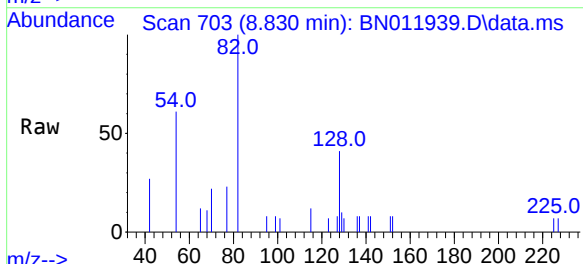
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200916DL

Tgt Ion:	136	Resp:	11640
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.5	14.3
54	10.7	5.6	8.4#
68	6.3	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 8.830 min Scan# 703
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:	82	Resp:	1582
Ion Ratio	Lower	Upper	
82	100		
128	41.0	34.2	51.2
54	61.5	43.1	64.7

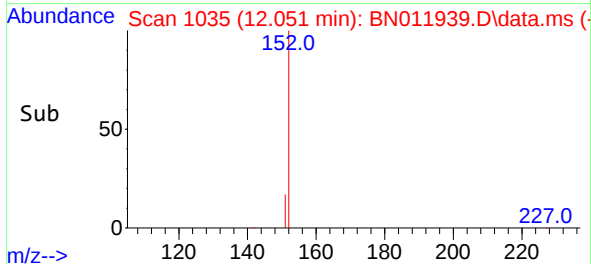
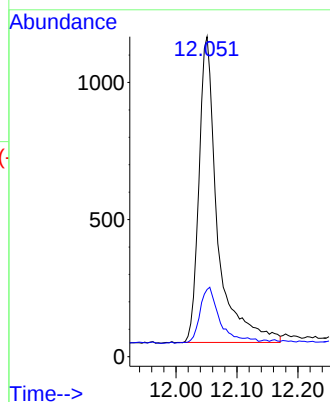
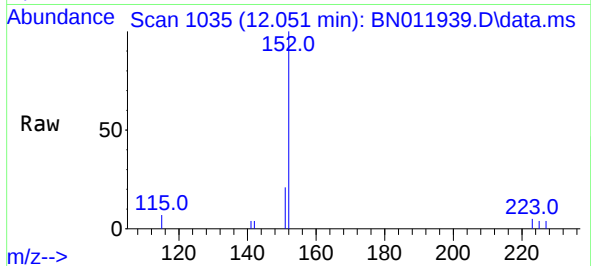




#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

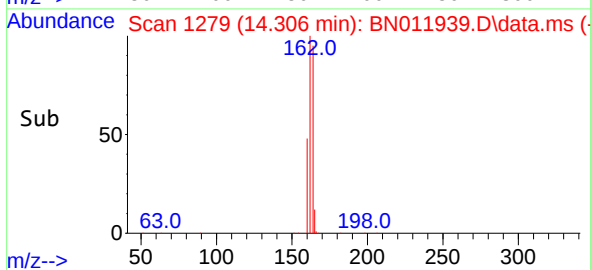
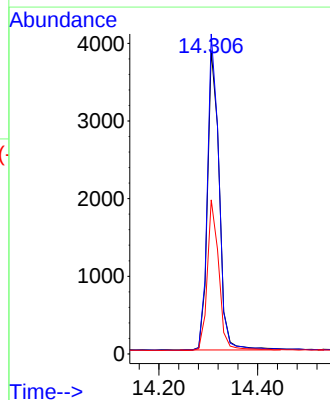
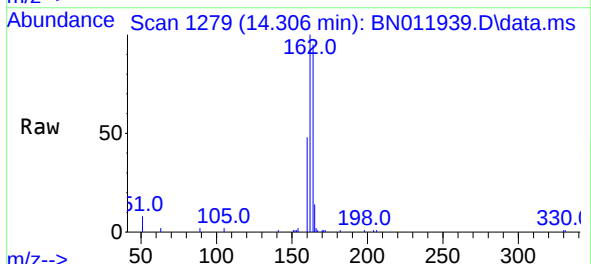
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200916DL

Tgt Ion:152 Resp: 2365
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. -0.013 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:164 Resp: 6400
Ion Ratio Lower Upper
164 100
162 105.5 83.6 125.4
160 50.8 41.2 61.8

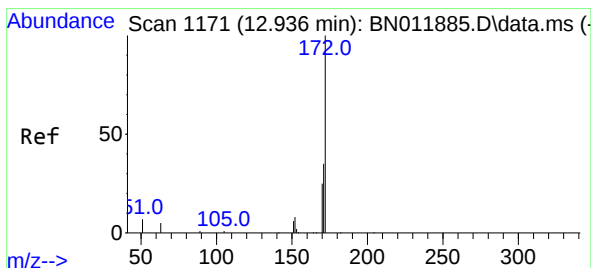
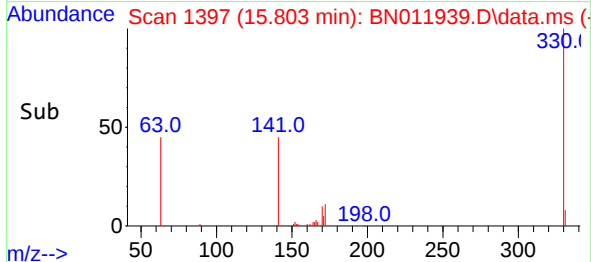
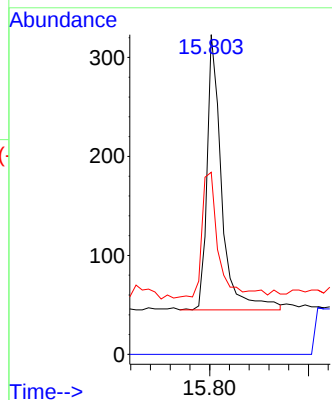
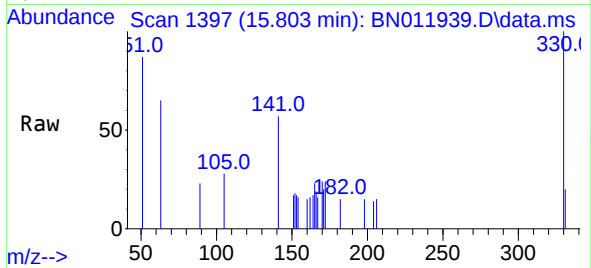




#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.803 min Scan# 1397
Delta R.T. -0.013 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

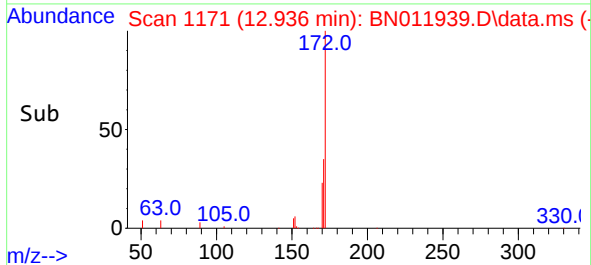
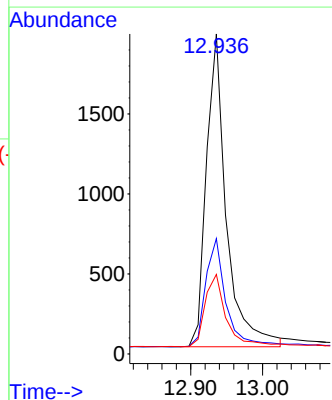
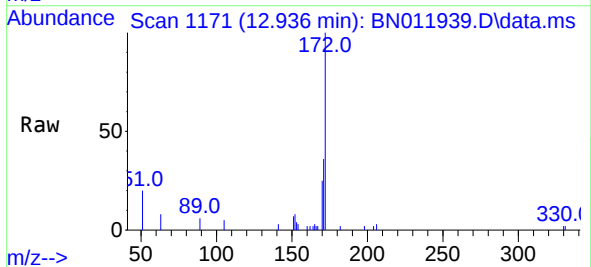
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200916DL

Tgt Ion:330 Resp: 572
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.5 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 12.936 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:172 Resp: 3780
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.2
170 24.8 17.8 26.6

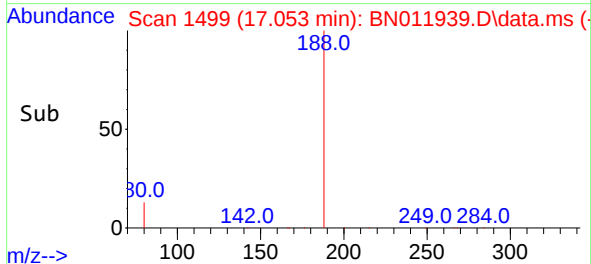
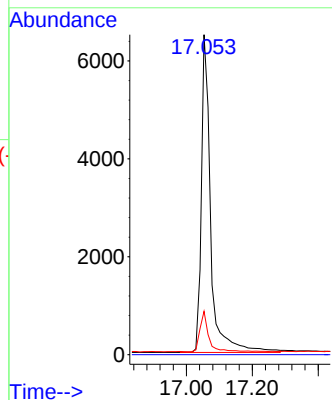
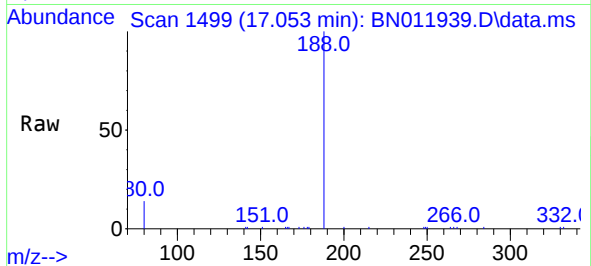




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

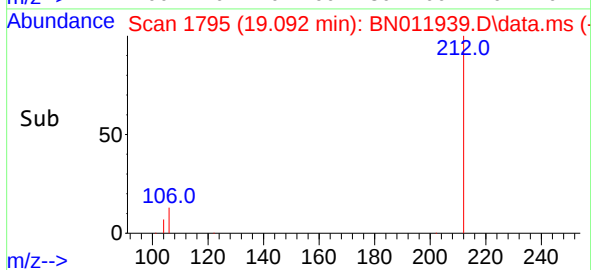
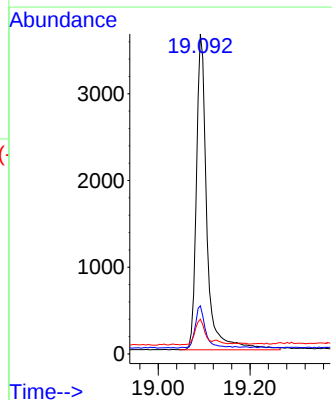
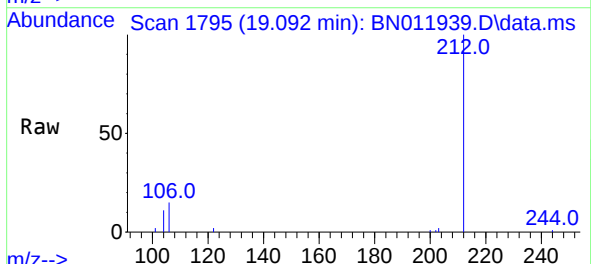
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200916DL

Tgt Ion:188 Resp: 12752
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 7.7 11.5#



#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.092 min Scan# 1795
Delta R.T. -0.010 min
Lab File: BN011939.D
Acq: 25 Sep 2020 07:41

Tgt Ion:212 Resp: 5768
Ion Ratio Lower Upper
212 100
106 13.1 6.4 9.6#
104 7.6 3.9 5.9#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.258 min Scan# 2097

Delta R.T. -0.011 min

Lab File: BN011939.D

Acq: 25 Sep 2020 07:41

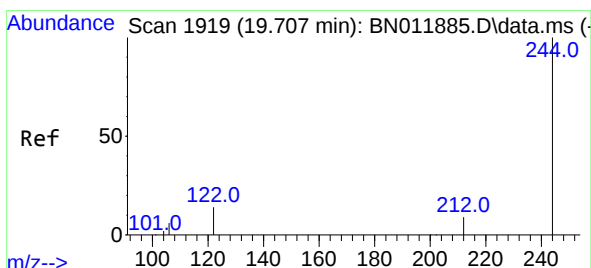
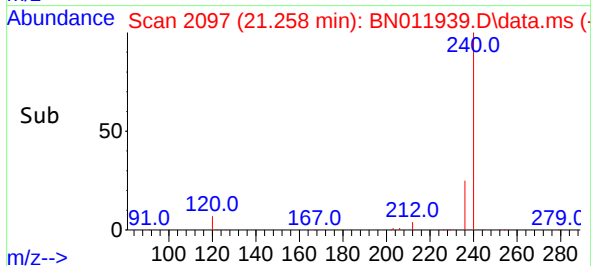
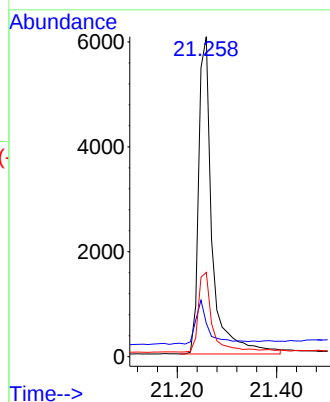
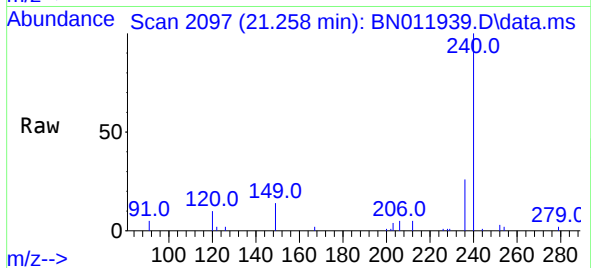
Tgt Ion:	240	Resp:	11439
Ion Ratio	Lower	Upper	
240	100		
120	10.4	3.5	5.3#
236	26.4	20.5	30.7

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200916DL



#31

Terphenyl-d14

Concen: 0.22 ng

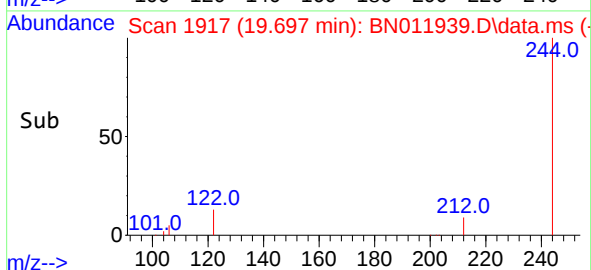
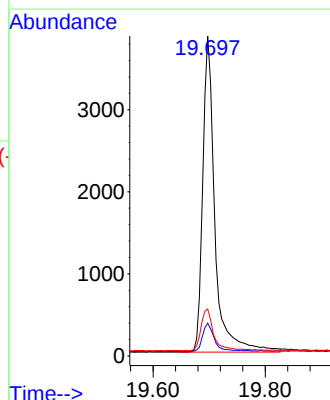
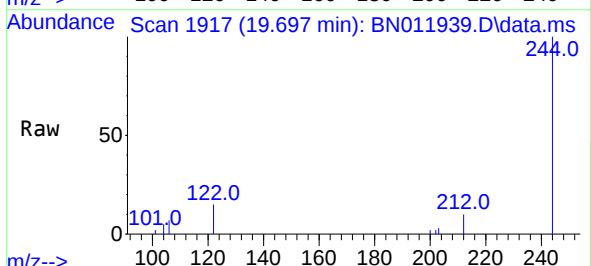
RT: 19.697 min Scan# 1917

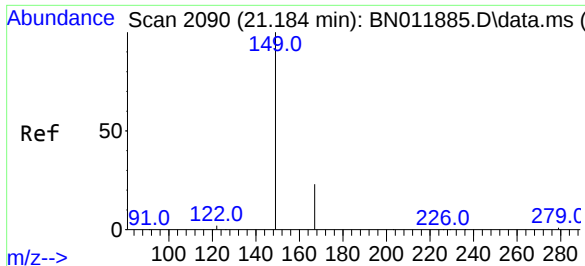
Delta R.T. -0.010 min

Lab File: BN011939.D

Acq: 25 Sep 2020 07:41

Tgt Ion:	244	Resp:	5806
Ion Ratio	Lower	Upper	
244	100		
212	10.2	7.3	10.9
122	14.7	7.8	11.6#

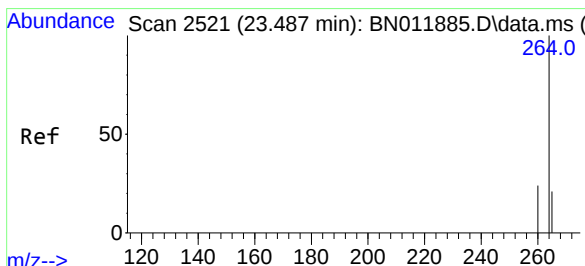
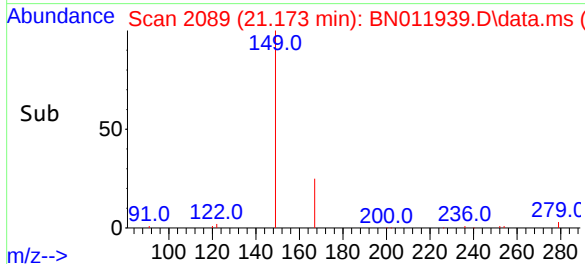
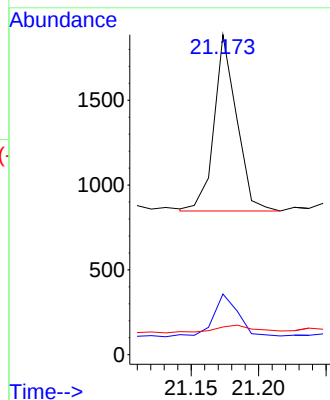
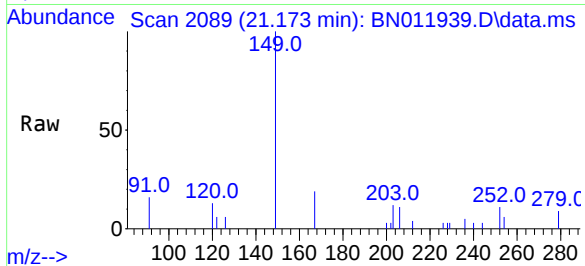




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.173 min Scan# 2089
 Delta R.T. -0.011 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

Instrument :
 BNA_N
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Tgt Ion:	149	Resp:	1204
Ion	Ratio	Lower	Upper
149	100		
167	24.6	23.6	35.4
279	5.8	4.0	6.0



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.467 min Scan# 2515
 Delta R.T. -0.021 min
 Lab File: BN011939.D
 Acq: 25 Sep 2020 07:41

Tgt Ion:	264	Resp:	11528
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	60.5	38.6	58.0

