

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007637.D
 Acq On : 13 Sep 2019 21:13
 Operator : HP/JU
 Sample : K4858-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20190910

Quant Time: Sep 14 03:01:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

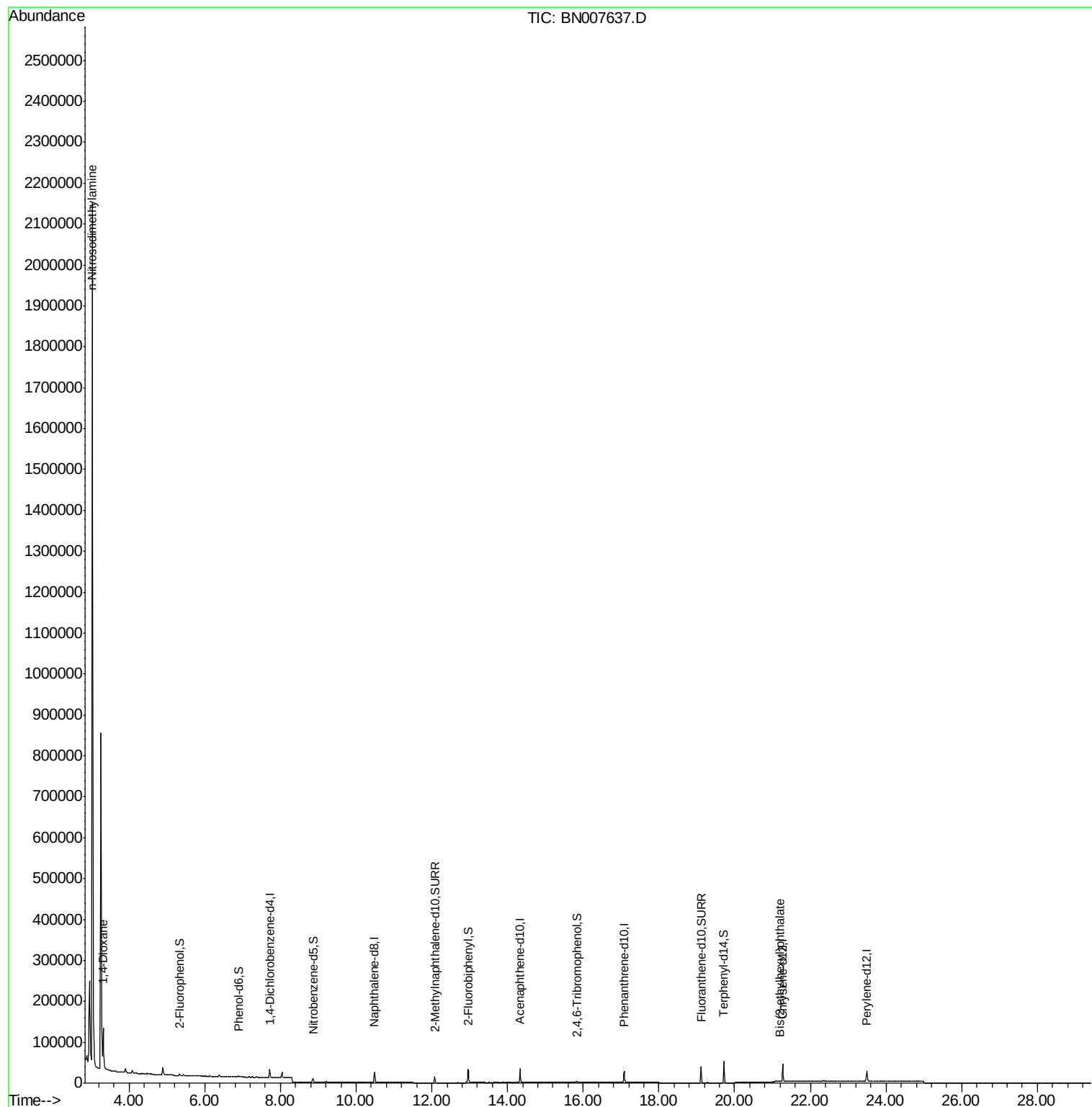
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9114	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34948	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19153	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38586	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36772	0.40	ng	-0.01
34) Perylene-d12	23.49	264	34819	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3472	0.12	ng	0.00
5) Phenol-d6	6.90	99	2716	0.08	ng	0.00
8) Nitrobenzene-d5	8.86	82	8992	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	20625	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2069	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	31312	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	46274	0.38	ng	0.00
29) Terphenyl-d14	19.72	244	53964	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	71362	6.535	ng	88
3) n-Nitrosodimethylamine	3.03	42	182929	36.914	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	1520	0.034	ng	94

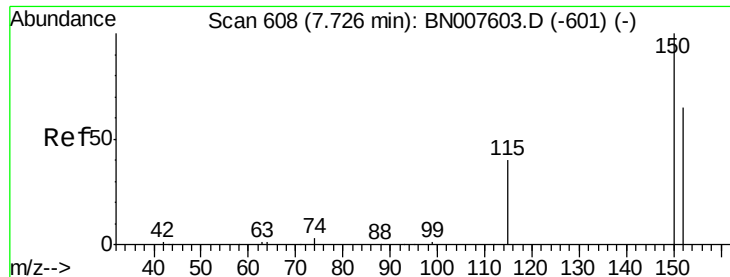
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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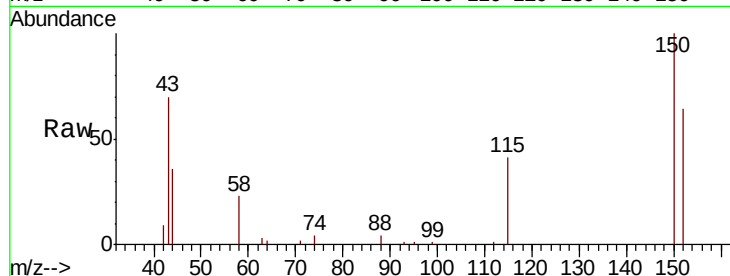


#1

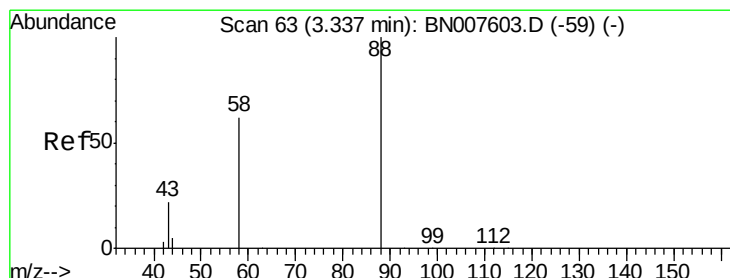
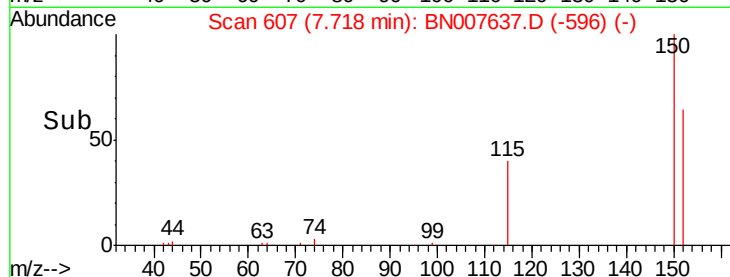
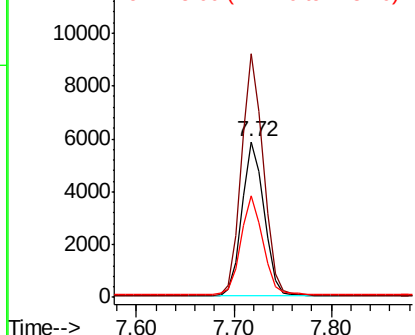
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Instrument :
BNA_N
ClientSampleId :
RE125D1-20190910

Tot Ion:152 Resp: 9114
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 65.0 50.4 75.6



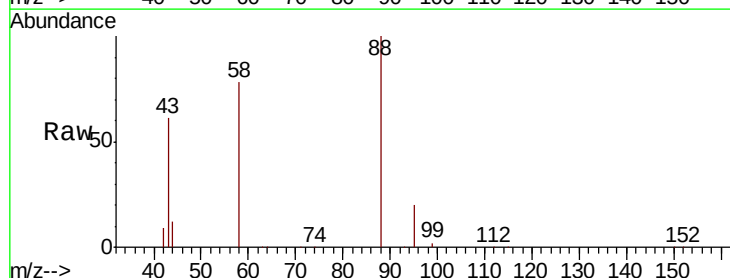
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



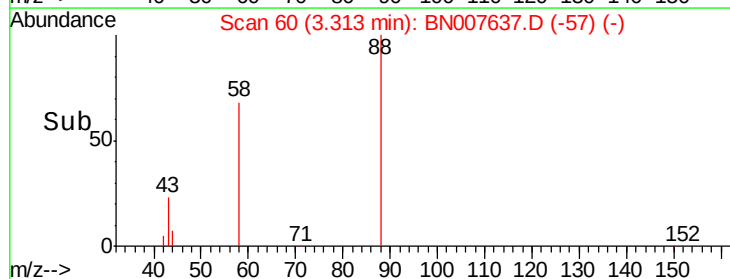
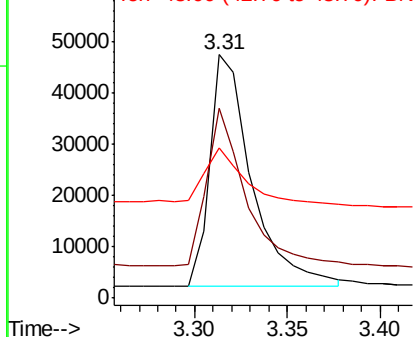
#2

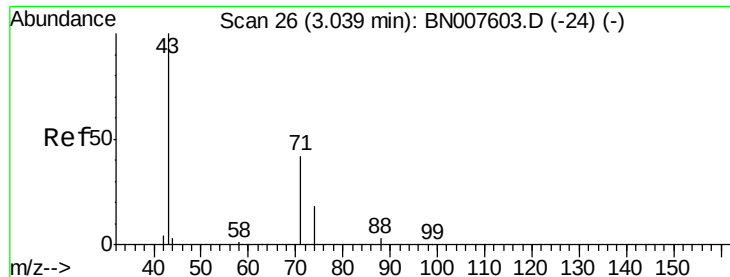
1,4-Dioxane
Concen: 6.535 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion: 88 Resp: 71362
Ion Ratio Lower Upper
88 100
58 59.9 57.0 85.4
43 22.0 20.0 30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



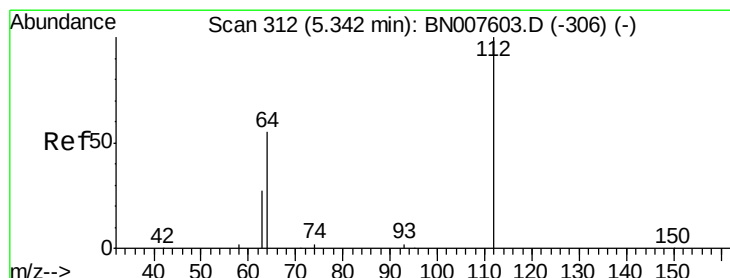
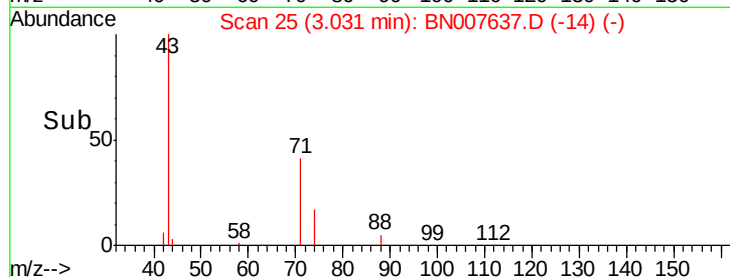
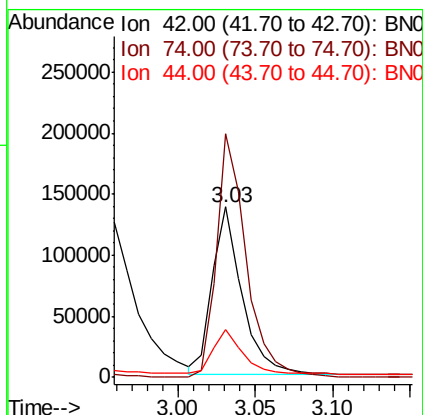
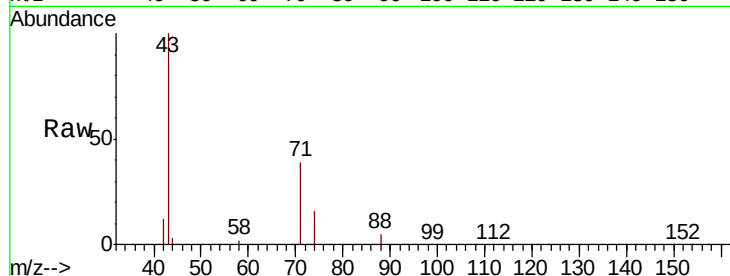


#3

n-Nitrosodimethylamine
 Concen: 36.914 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007637.D
 Acq: 13 Sep 2019 21:13

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20190910

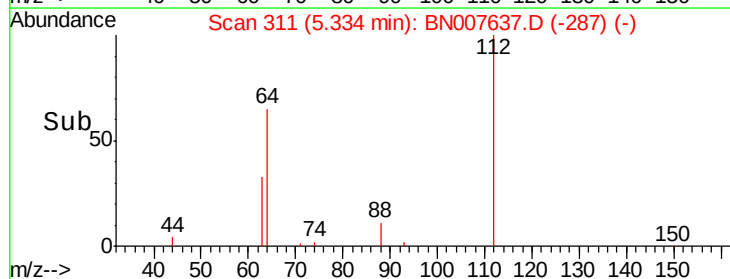
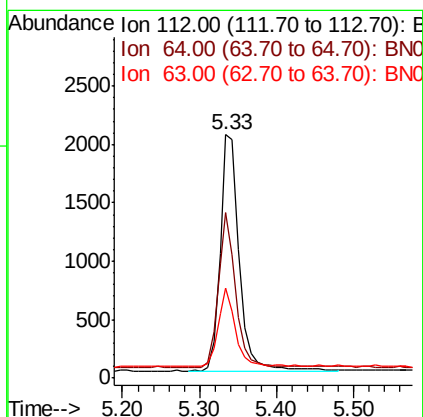
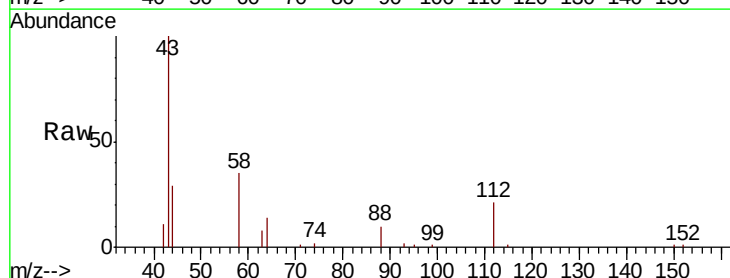
Tot Ion: 42 Resp: 182929
 Ion Ratio Lower Upper
 42 100
 74 145.0 9.8 14.8#
 44 26.4 0.0 0.0#

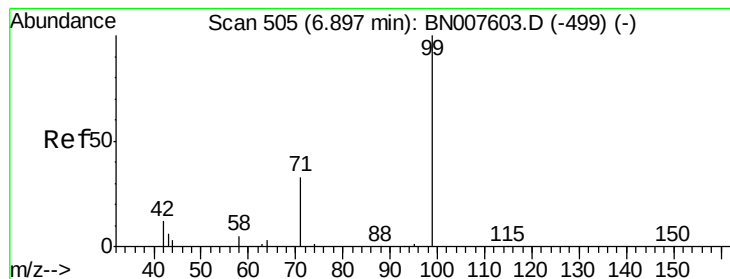


#4

2-Fluorophenol
 Concen: 0.119 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007637.D
 Acq: 13 Sep 2019 21:13

Tgt Ion: 112 Resp: 3472
 Ion Ratio Lower Upper
 112 100
 64 61.7 48.5 72.7
 63 30.2 24.4 36.6





#5

Phenol-d6

Concen: 0.083 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007637.D

Acq: 13 Sep 2019 21:13

Instrument :

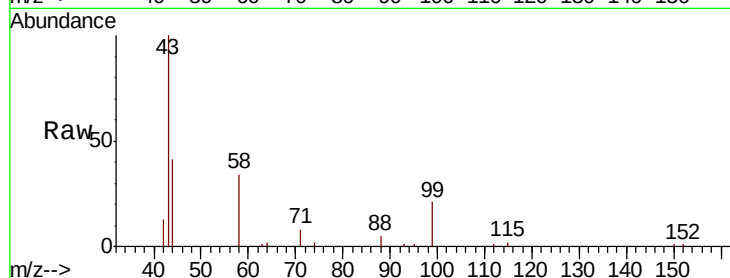
BNA_N

ClientSampleId :

RE125D1-20190910

Tot Ion: 99 Resp: 2716

Ion	Ratio	Lower	Upper
99	100		
42	24.5	11.8	17.6#
71	38.6	28.0	42.0

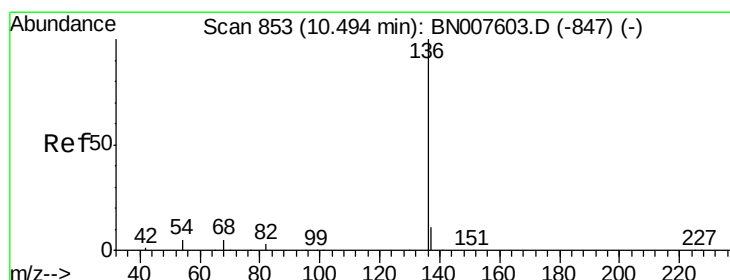
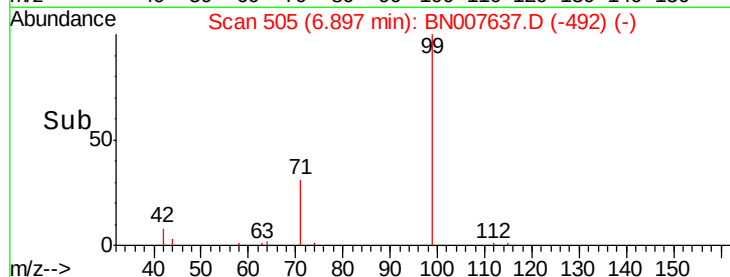


Abundance Ion 99.00 (98.70 to 99.70): BN007637.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007637.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007637.D (-499) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

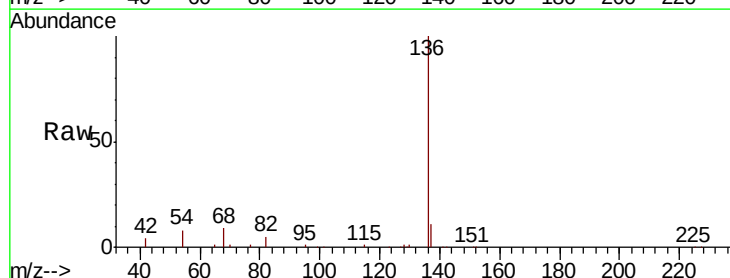
Delta R.T. -0.01 min

Lab File: BN007637.D

Acq: 13 Sep 2019 21:13

Tgt Ion: 136 Resp: 34948

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	4.2	6.4#
68	8.7	4.6	7.0#



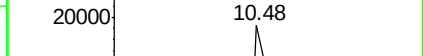
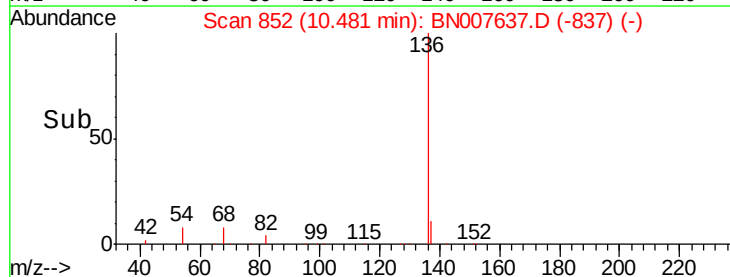
Abundance Ion 136.00 (135.70 to 136.70): BN007637.D (-847) (-)

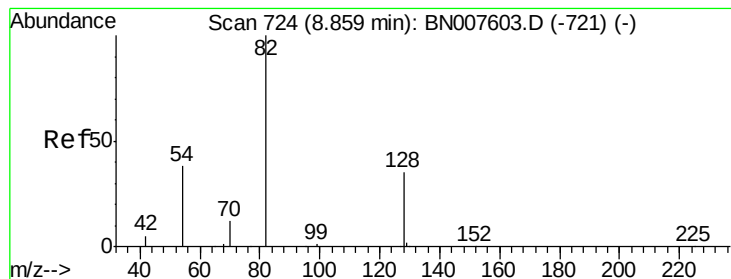
Ion 137.00 (136.70 to 137.70): BN007637.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007637.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007637.D (-847) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.322 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007637.D

Acq: 13 Sep 2019 21:13

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910

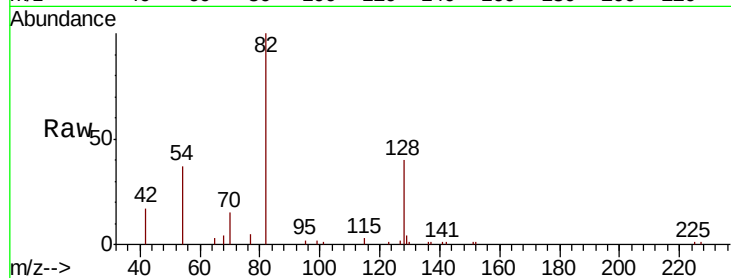
Tot Ion: 82 Resp: 8992

Ion Ratio Lower Upper

82 100

128 40.1 27.9 41.9

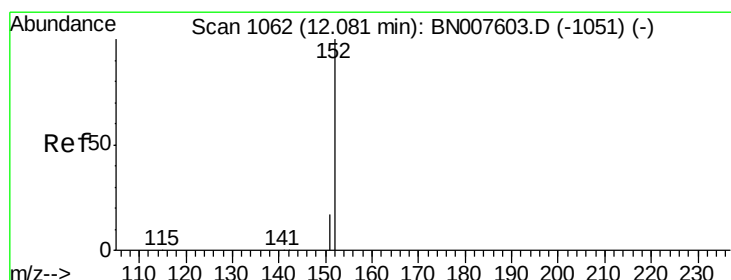
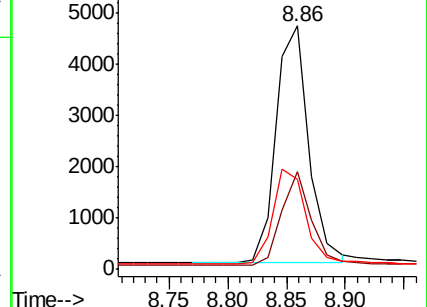
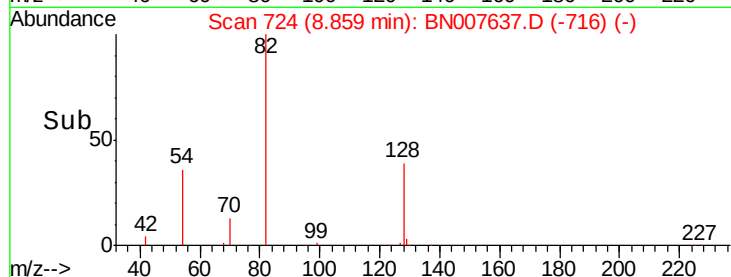
54 37.1 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007637.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007637.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007637.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007637.D

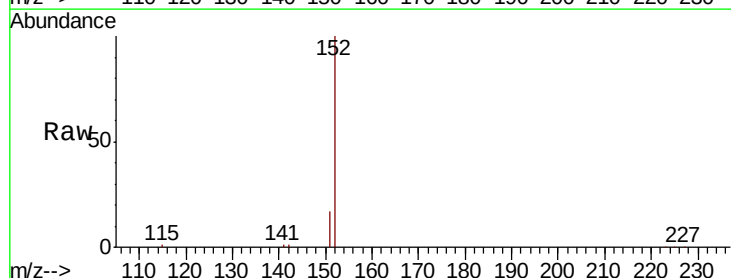
Acq: 13 Sep 2019 21:13

Tgt Ion: 152 Resp: 20625

Ion Ratio Lower Upper

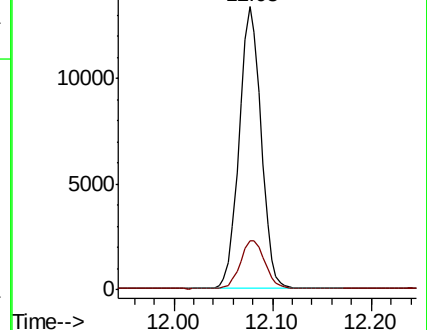
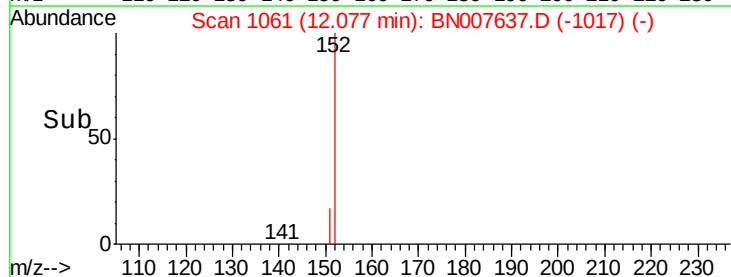
152 100

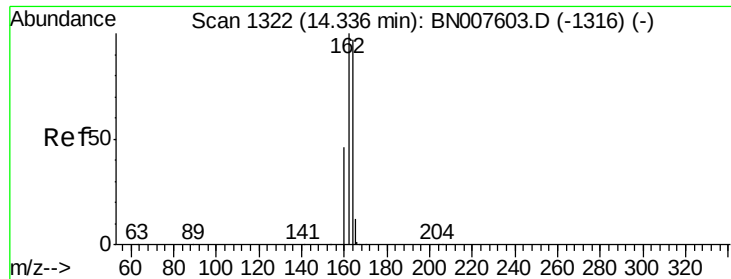
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007637.D (-1051) (-)

Ion 151.00 (150.70 to 151.70): BN007637.D (-1051) (-)

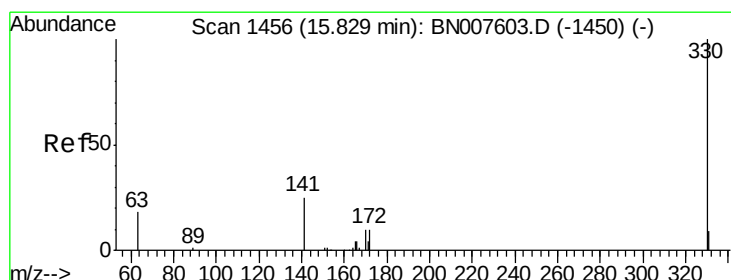
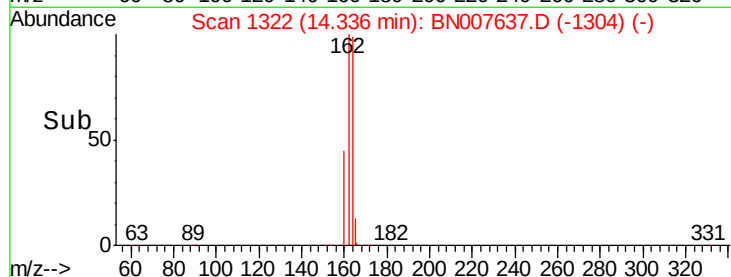
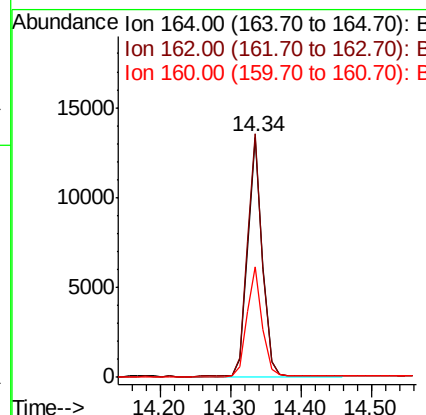
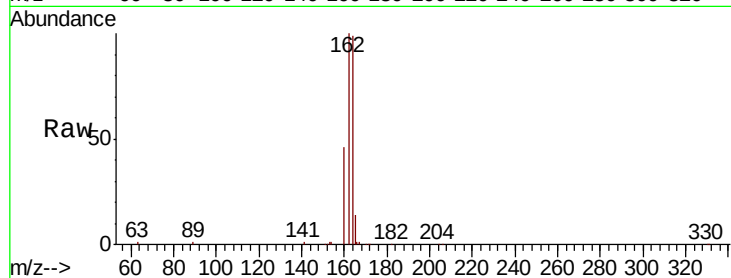




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

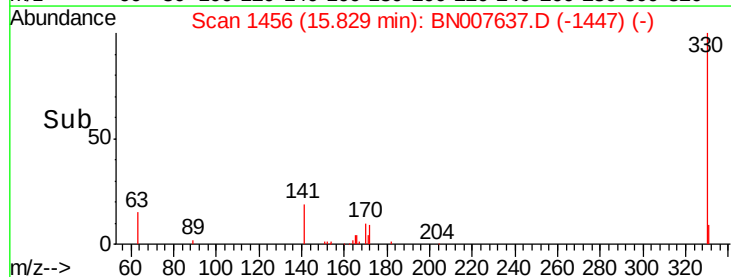
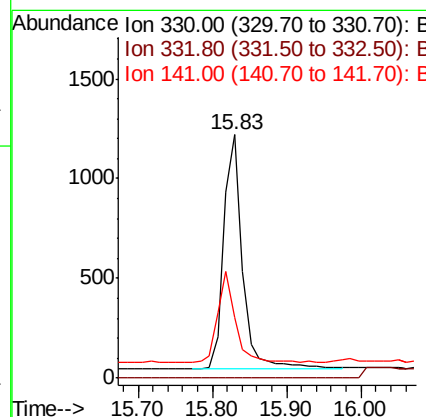
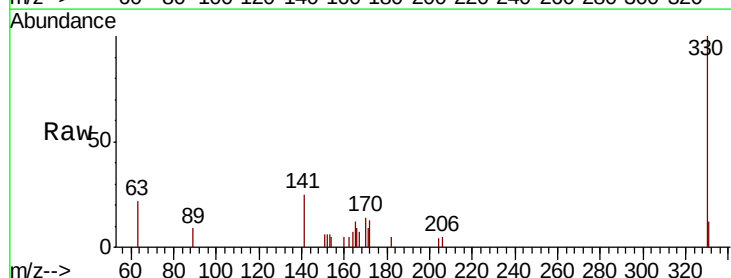
Instrument :
BNA_N
ClientSampleId :
RE125D1-20190910

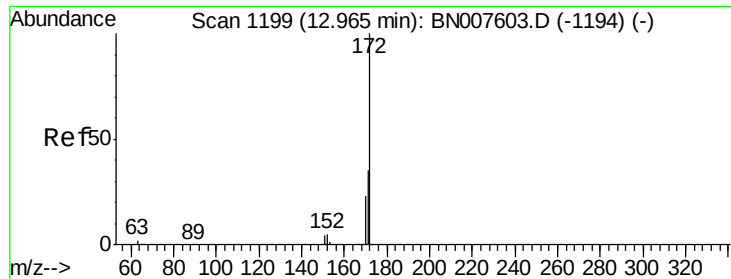
Tot Ion:164 Resp: 19153
Ion Ratio Lower Upper
164 100
162 101.3 82.8 124.2
160 46.1 38.0 57.0



#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:330 Resp: 2069
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.0 30.1 45.1

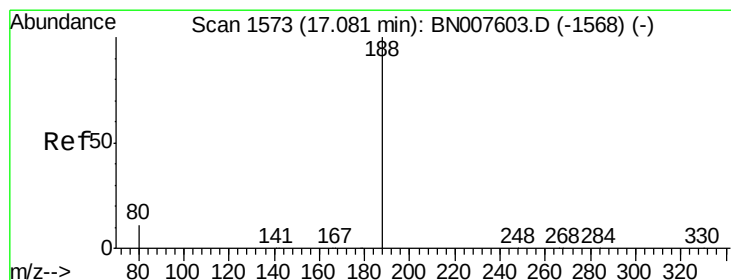
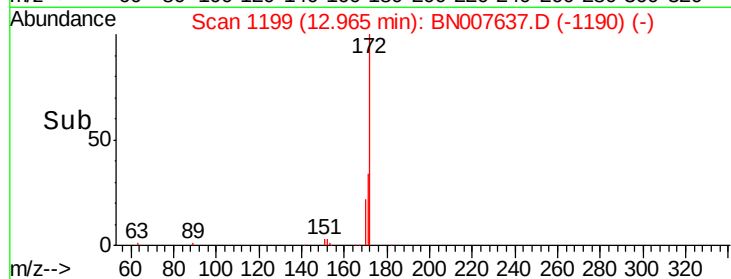
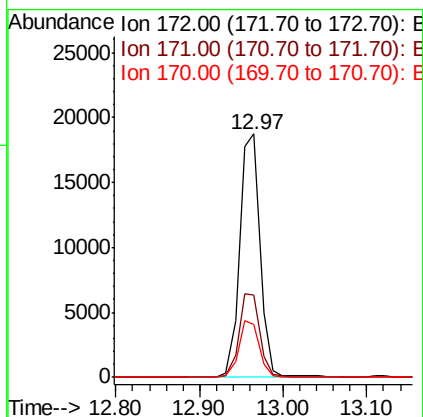
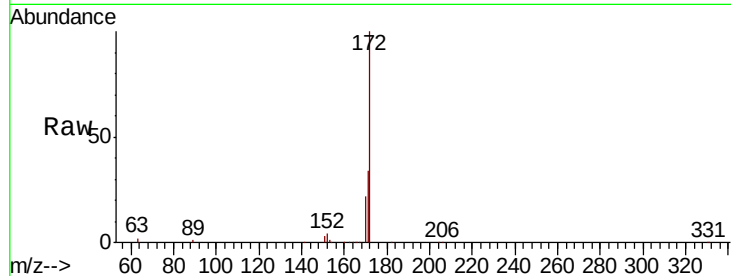




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

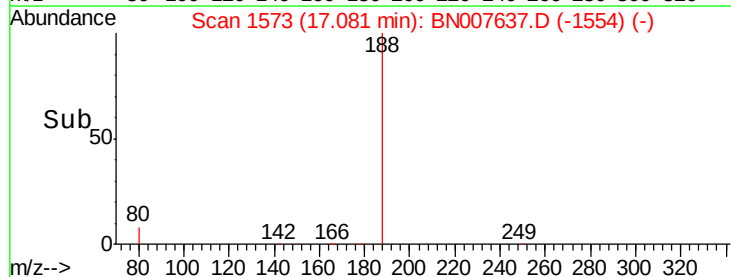
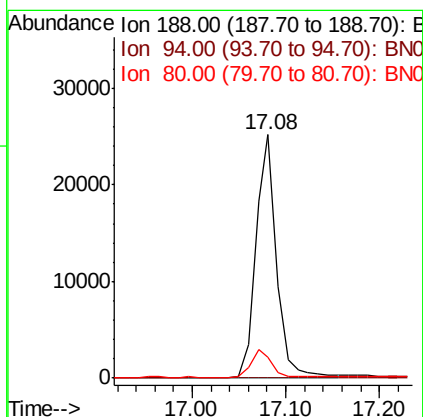
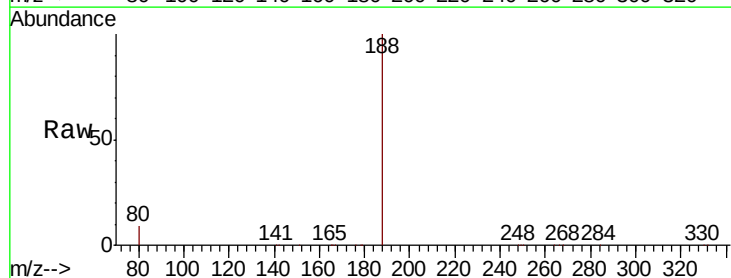
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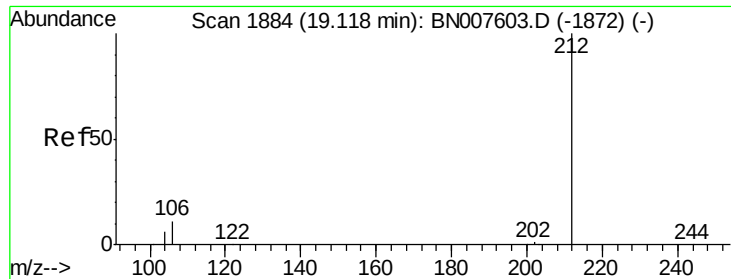
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.9	41.9
170	21.8	18.5	27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	8.8	13.2#

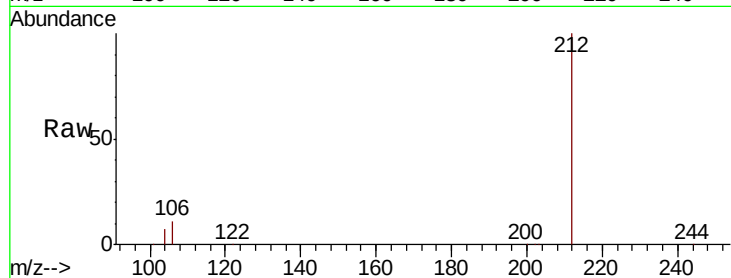




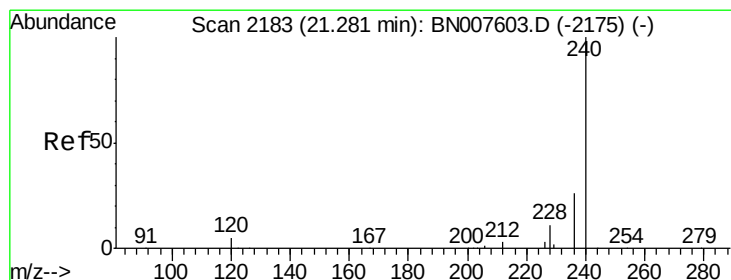
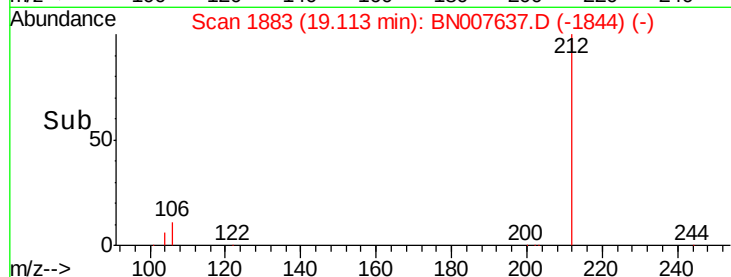
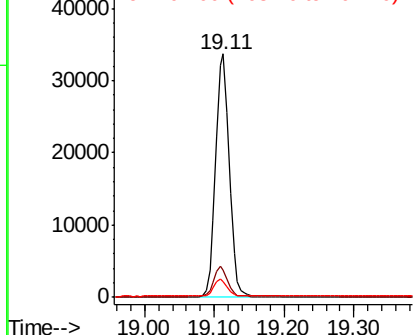
#25
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.11 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BN007637.D
 Acq: 13 Sep 2019 21:13

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20190910

Tot Ion:212 Resp: 46274
 Ion Ratio Lower Upper
 212 100
 106 12.2 9.6 14.4
 104 6.8 5.4 8.0

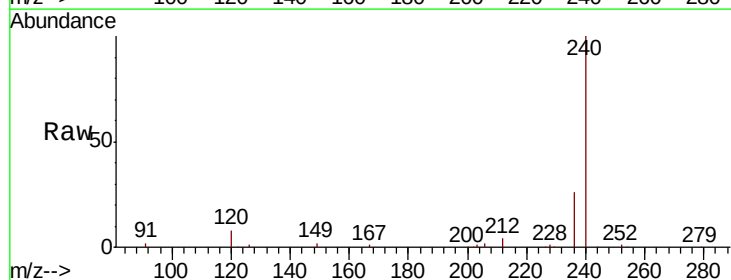


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

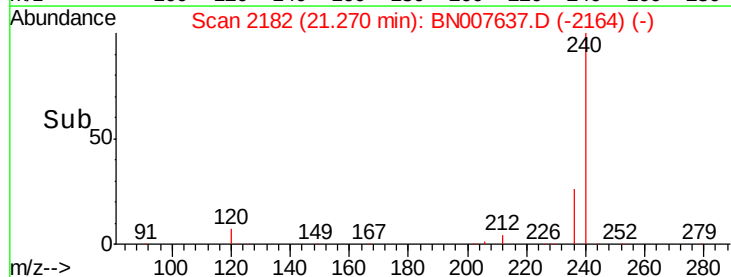
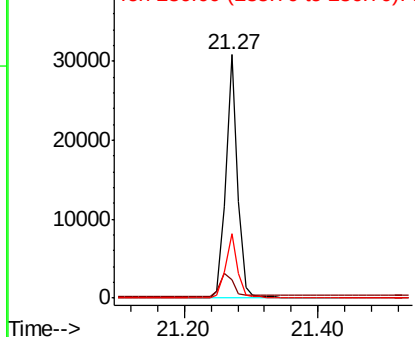


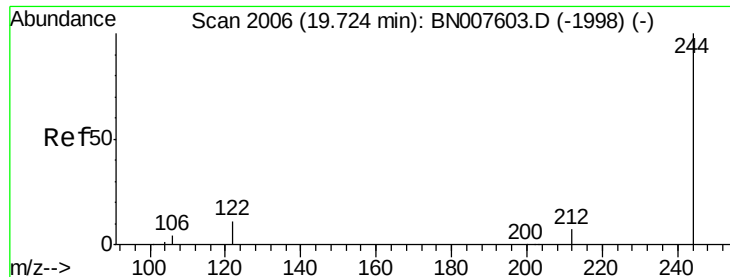
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN007637.D
 Acq: 13 Sep 2019 21:13

Tgt Ion:240 Resp: 36772
 Ion Ratio Lower Upper
 240 100
 120 7.8 4.3 6.5#
 236 26.2 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.557 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007637.D

Acq: 13 Sep 2019 21:13

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910

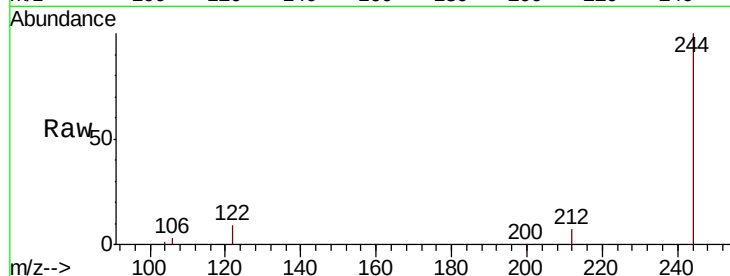
Tot Ion:244 Resp: 53964

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

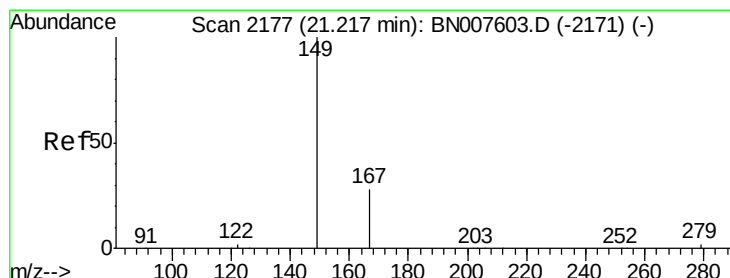
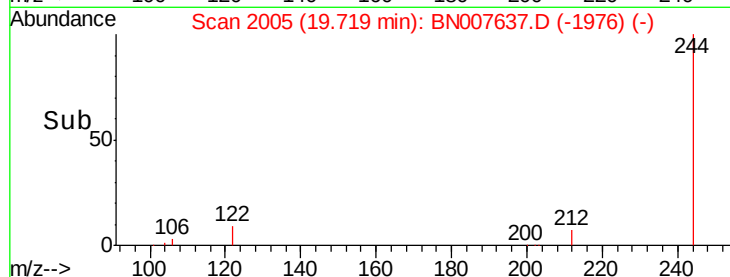
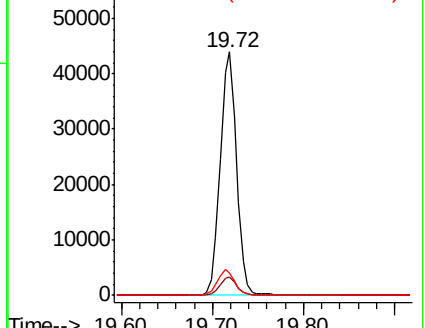
122 9.3 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007637.D

Acq: 13 Sep 2019 21:13

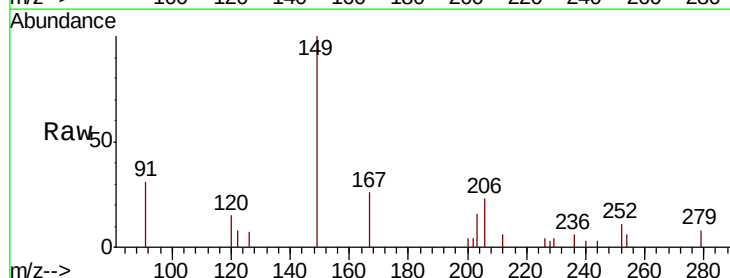
Tgt Ion:149 Resp: 1520

Ion Ratio Lower Upper

149 100

167 24.8 22.6 34.0

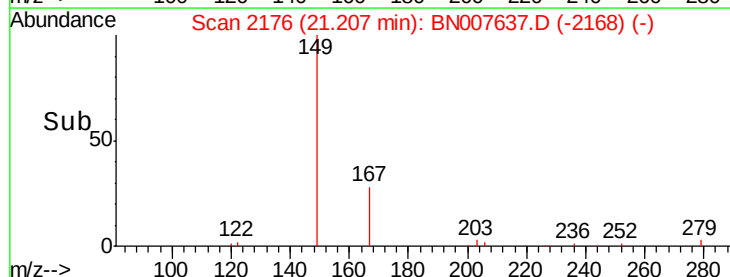
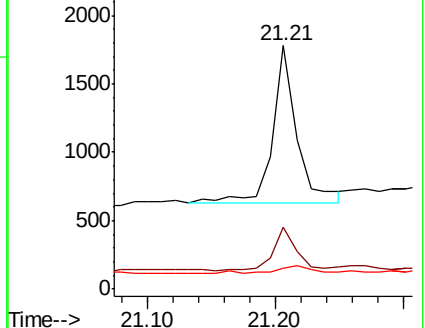
279 5.6 3.8 5.6

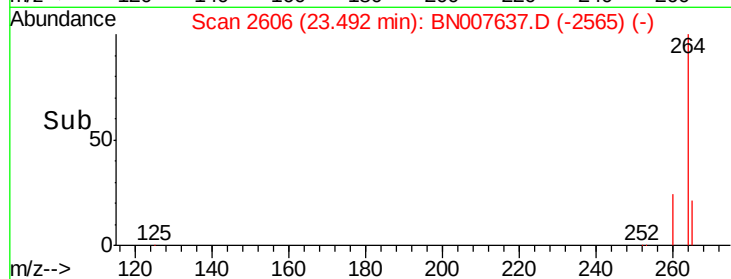
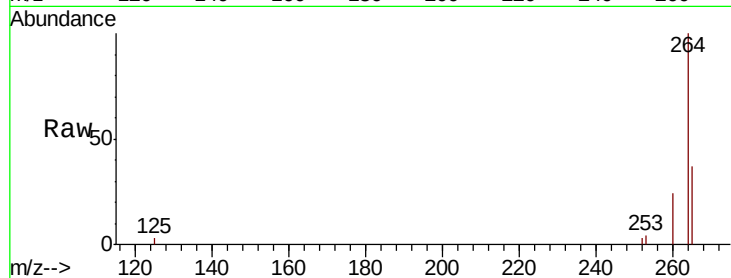
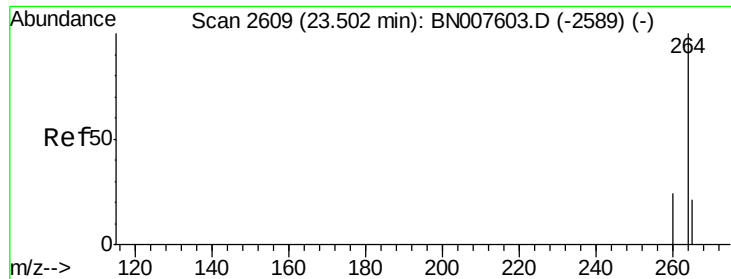


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BN007637.D

Acq: 13 Sep 2019 21:13

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910

Tot Ion: 264 Resp: 34819

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 36.9 24.6 37.0

