

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116133.D
 Acq On : 10 Aug 2019 00:46
 Operator : HP/JU
 Sample : K4244-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:38:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

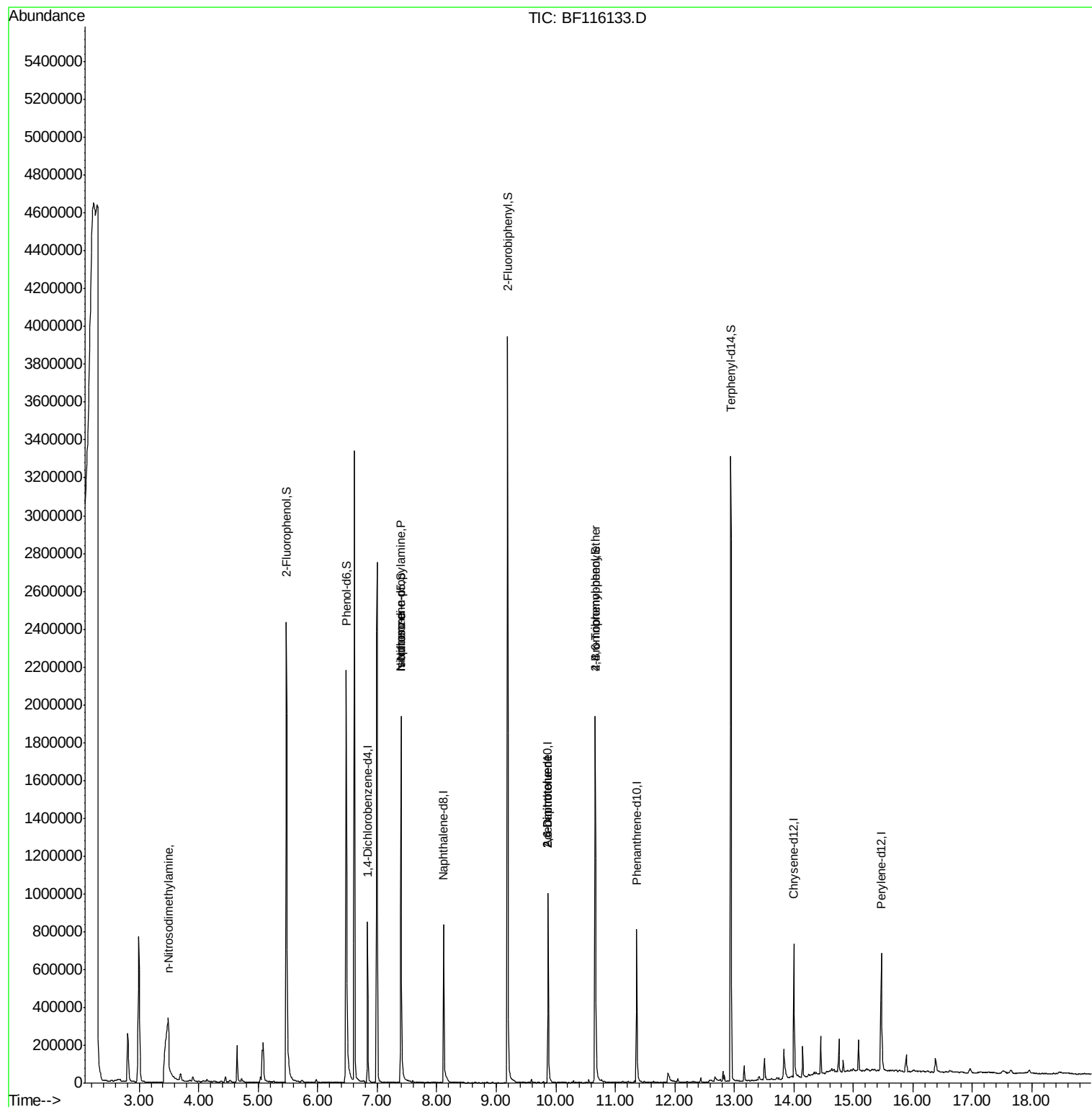
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122473	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	454049	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	223866	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	349408	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	268346	20.00	ng	0.00
87) Perylene-d12	15.47	264	305156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	842905	115.22	ng	0.00
7) Phenol-d6	6.48	99	974166	105.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	769712	97.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	279372	128.72	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1275535	106.72	ng	-0.01
79) Terphenyl-d14	12.94	244	1186699	93.18	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.49	42	35902	8.812	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	102476	17.916	ng	# 80
25) Isophorone	7.40	82	769708	51.174	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	29186	8.811	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	29186	6.618	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	16887	4.515	ng	# 1

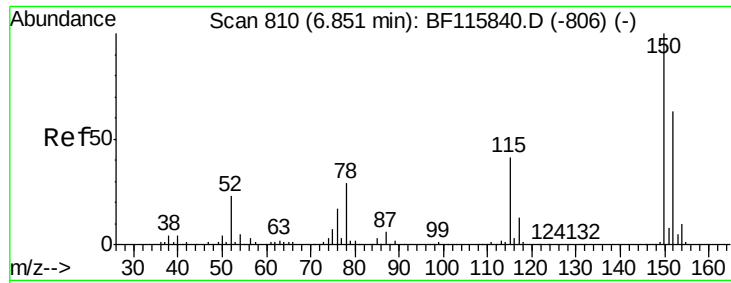
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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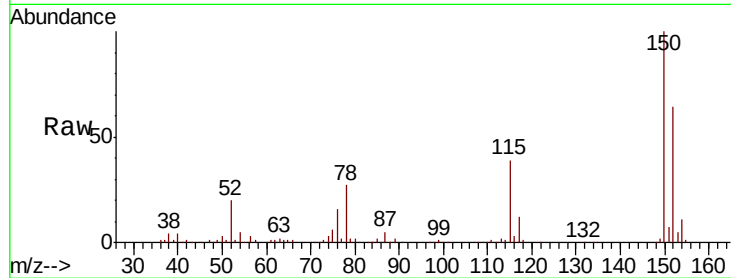


#1

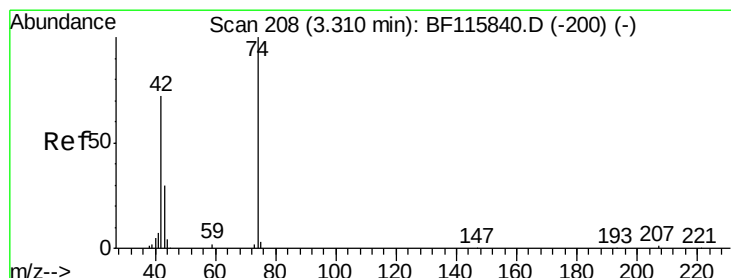
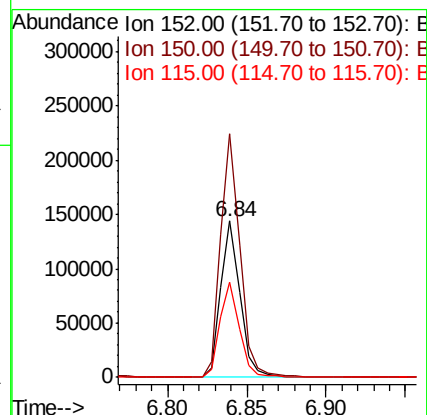
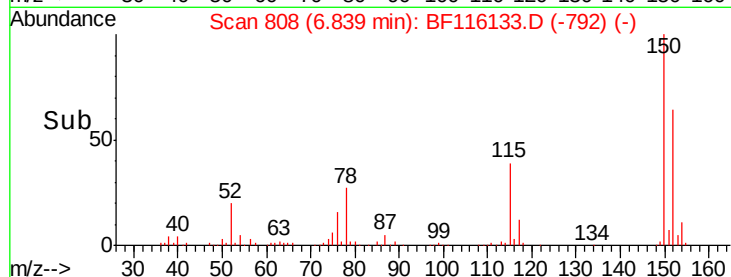
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	60.7	49.9	74.9



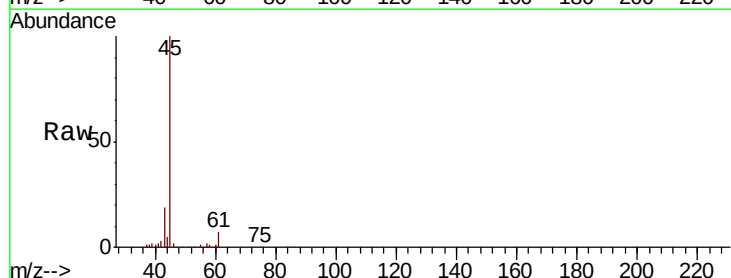
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



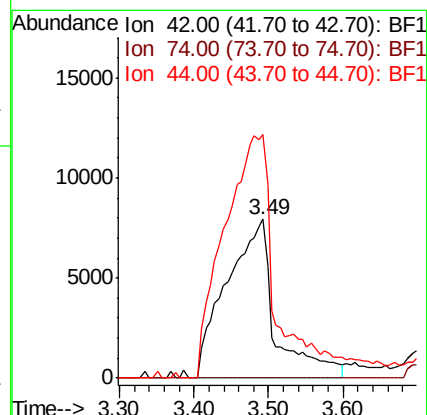
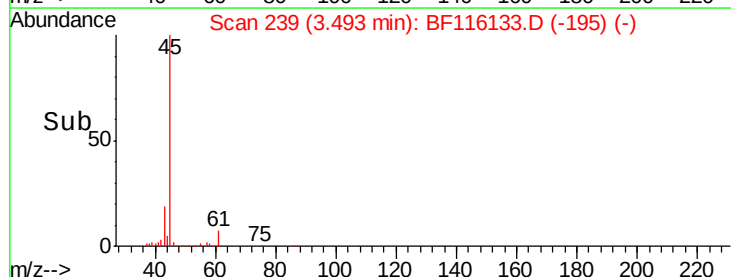
#4

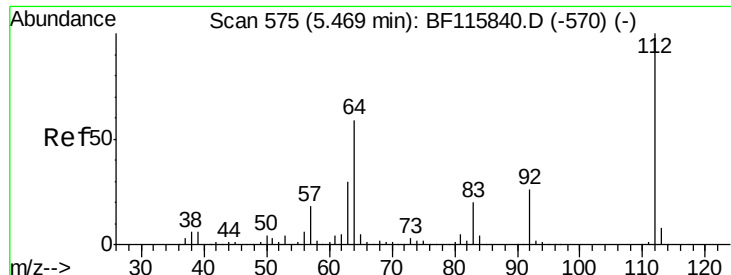
n-Nitrosodimethylamine
Concen: 8.812 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.16 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.0	174.0#
44	153.5	4.6	7.0#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.215 ng

RT: 5.47 min Scan# 576

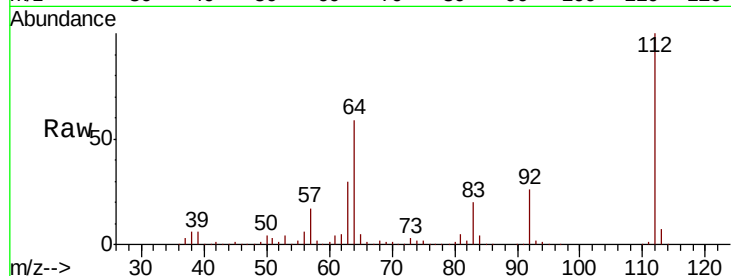
Delta R.T. 0.01 min

Lab File: BF116133.D

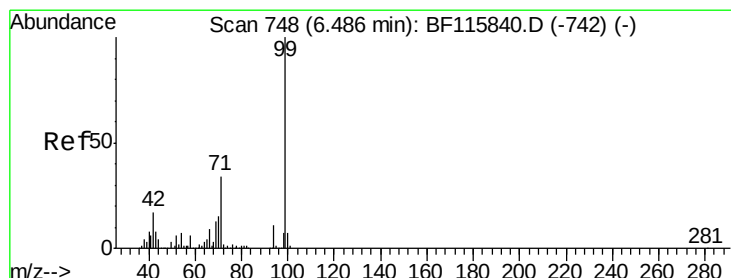
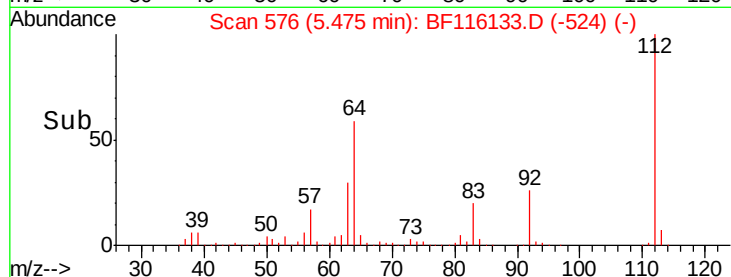
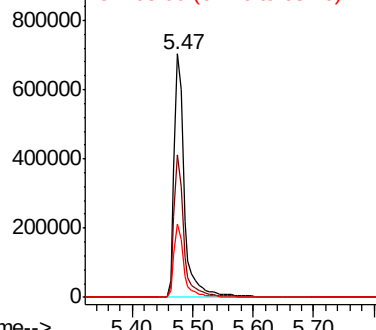
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	842905
Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.4	68.2
63	30.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 105.540 ng

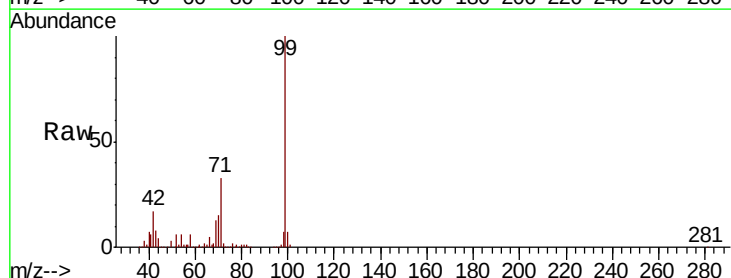
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

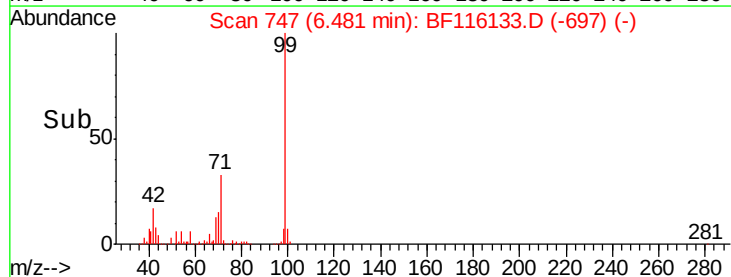
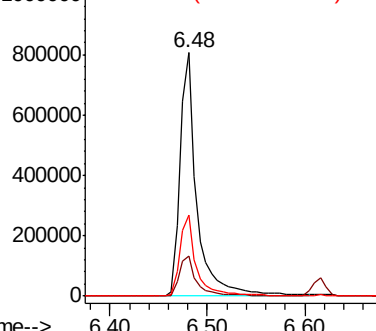
Lab File: BF116133.D

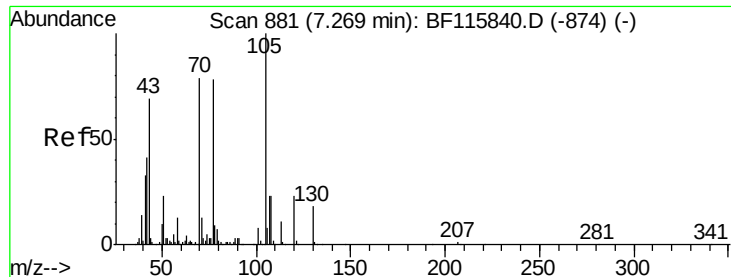
Acq: 10 Aug 2019 00:46

Tgt Ion:	99	Resp:	974166
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	33.1	27.3	40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

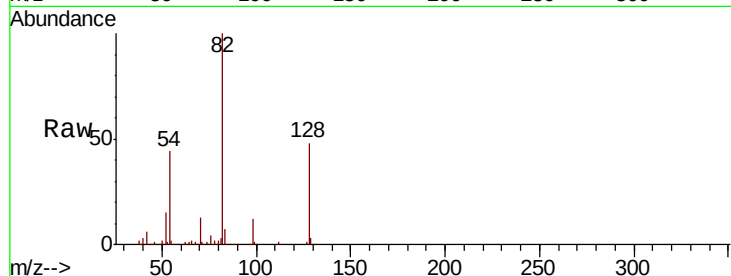




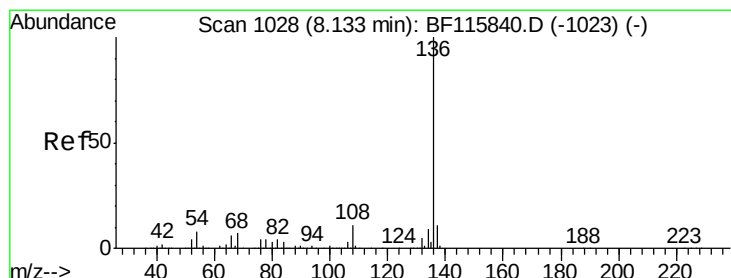
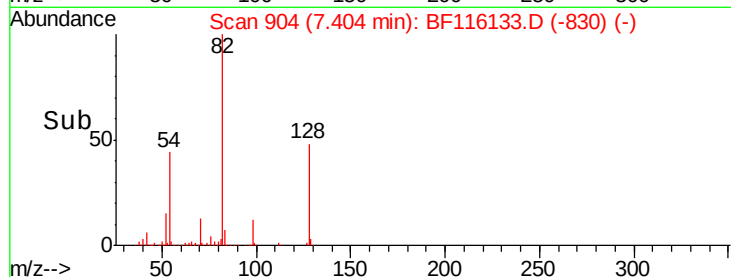
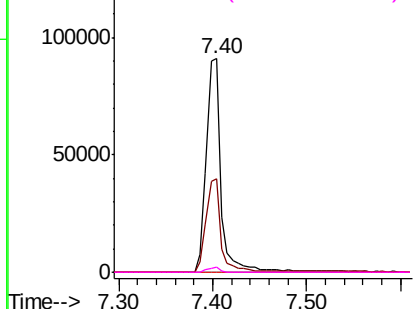
#19
n-Nitroso-di-n-propylamine
Concen: 17.916 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 102476
Ion Ratio Lower Upper
70 100
42 43.8 40.9 61.3
101 0.0 7.9 11.9#
130 2.4 16.9 25.3#

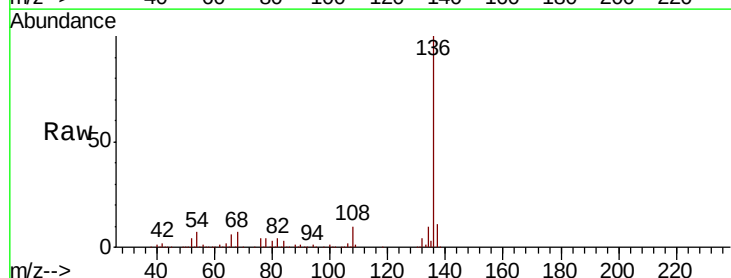


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

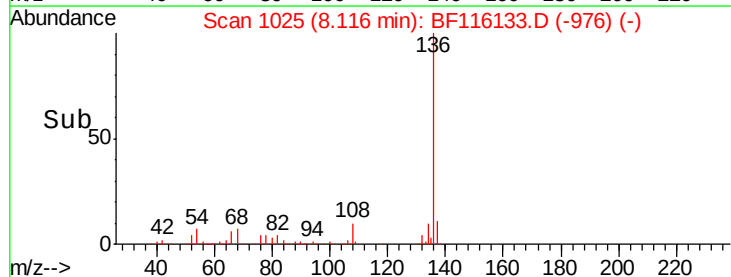
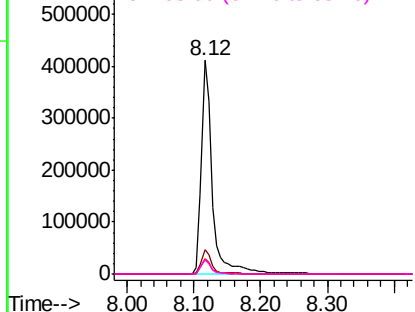


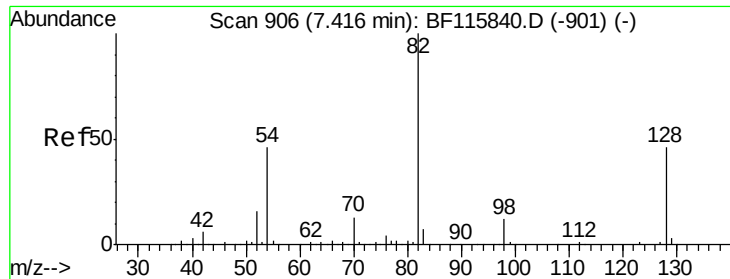
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion: 136 Resp: 454049
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.4 5.8 8.6
68 6.6 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

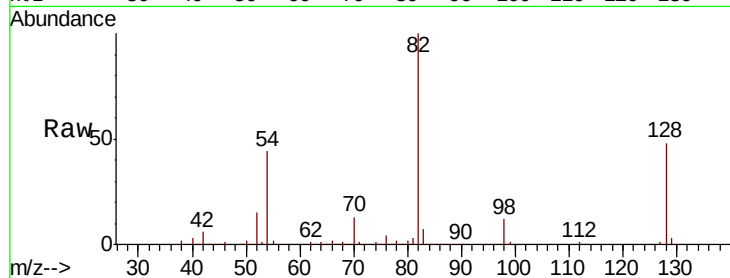




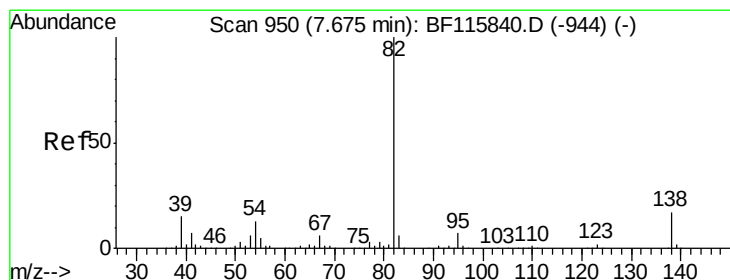
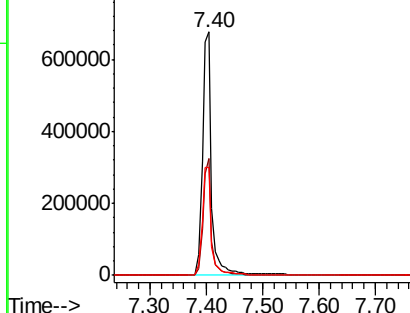
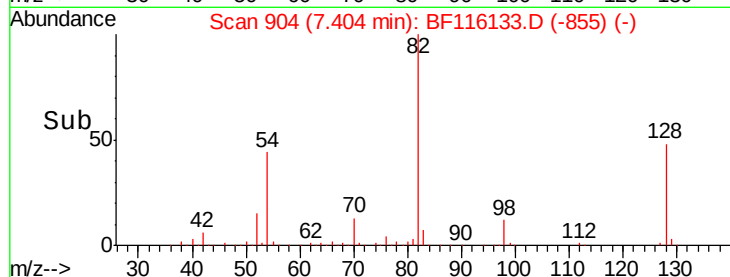
#23
Nitrobenzene-d5
Concen: 97.853 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 769712
Ion Ratio Lower Upper
82 100
128 48.2 36.5 54.7
54 44.1 36.0 54.0

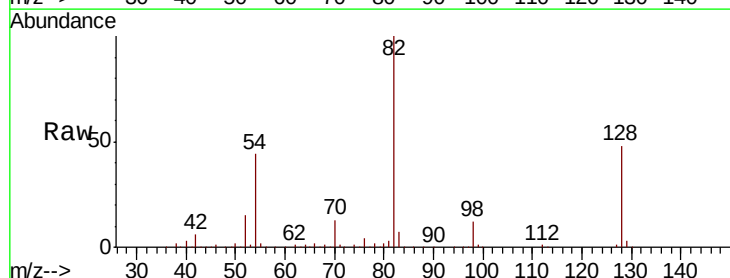


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

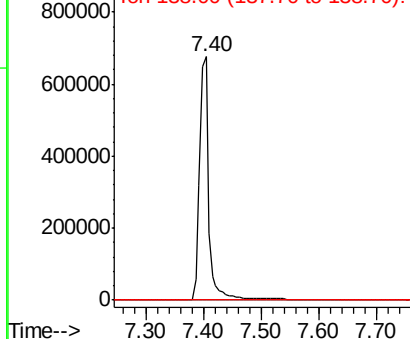
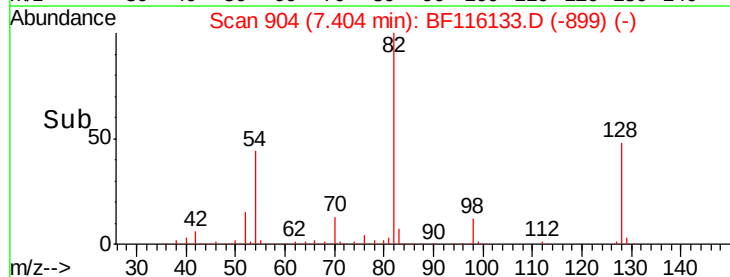


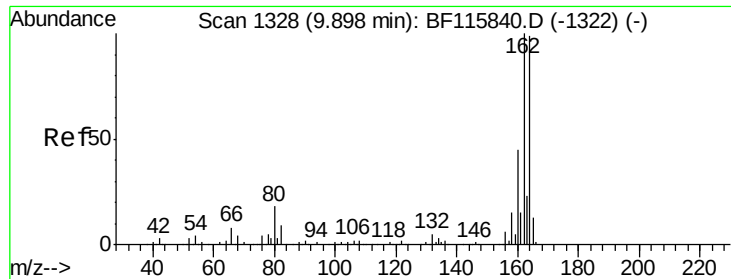
#25
Isophorone
Concen: 51.174 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion: 82 Resp: 769708
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

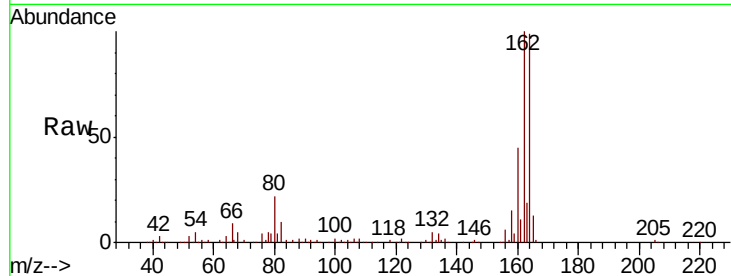




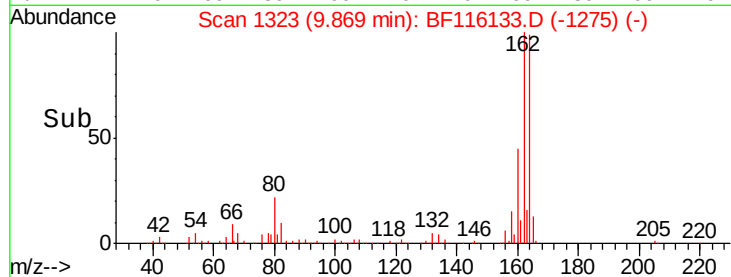
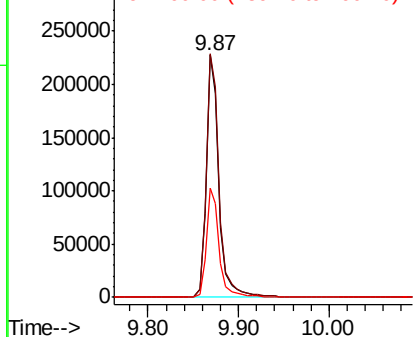
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116133.D
 Acq: 10 Aug 2019 00:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 223866
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 45.4 37.6 56.4

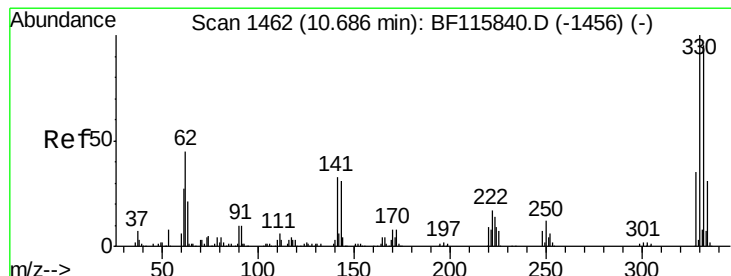


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

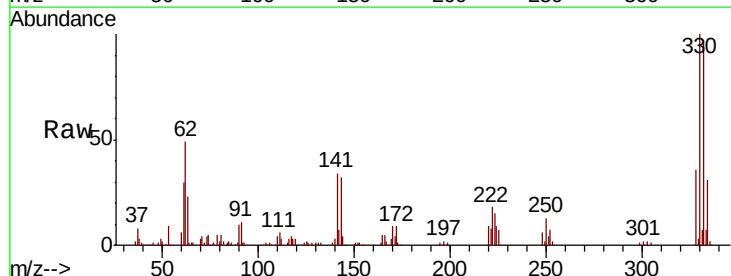
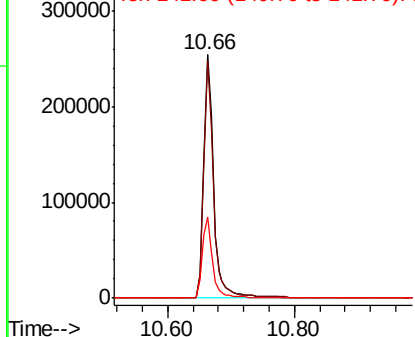


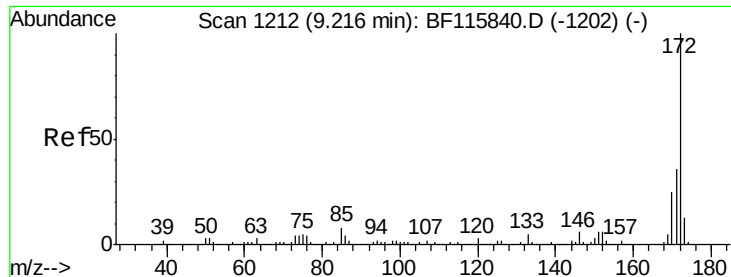
#42
 2,4,6-Tribromophenol
 Concen: 128.717 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116133.D
 Acq: 10 Aug 2019 00:46

Tgt Ion:330 Resp: 279372
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.8 115.2
 141 33.7 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



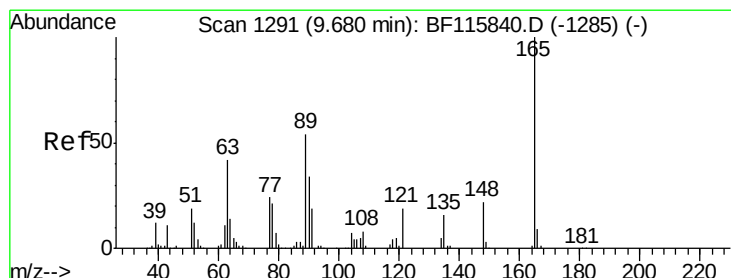
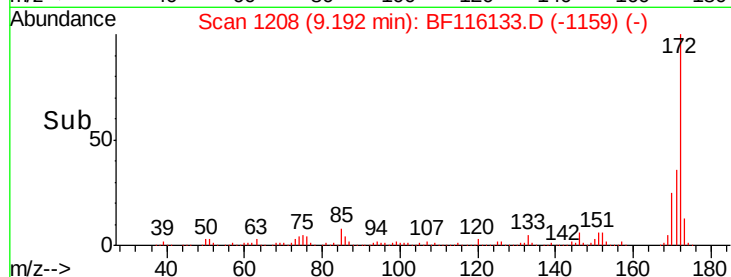
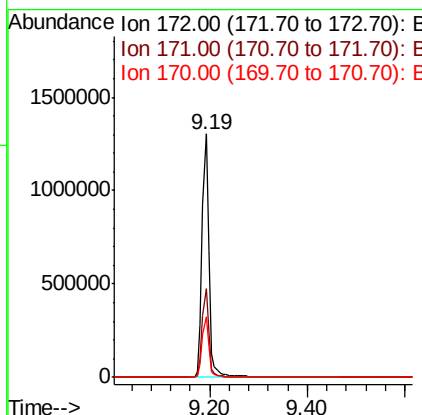
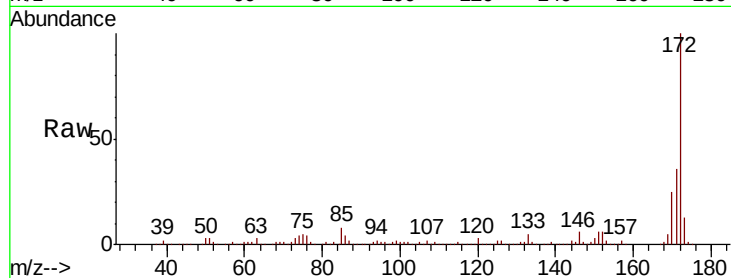


#45
 2-Fluorobiphenyl
 Concen: 106.723 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116133.D
 Acq: 10 Aug 2019 00:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1275535

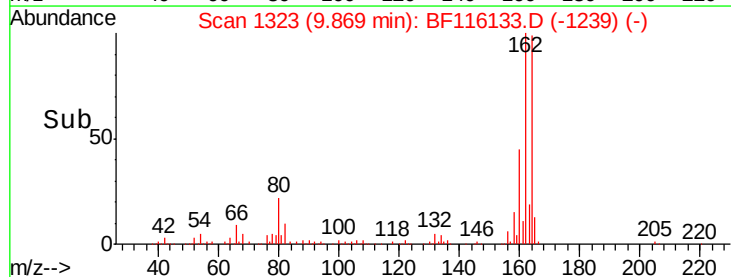
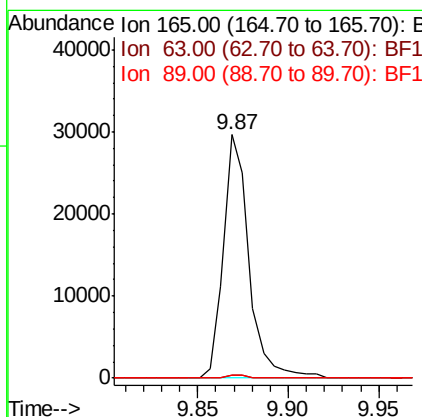
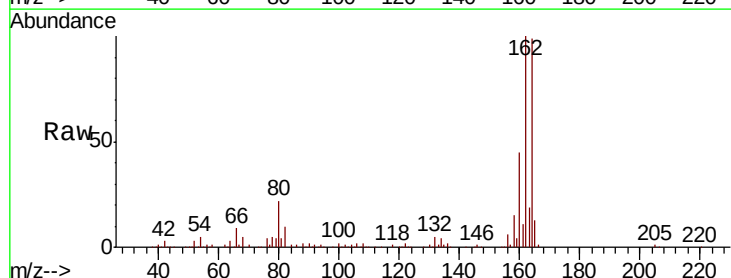
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.7	20.1	30.1

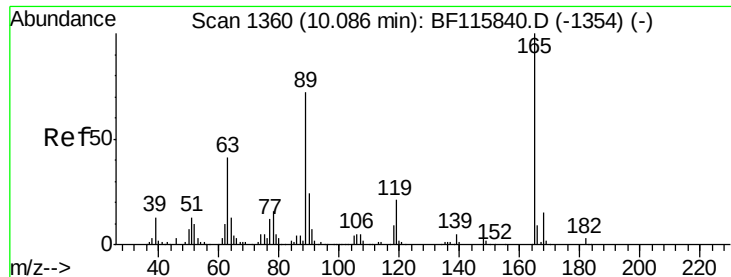


#51
 2,6-Dinitrotoluene
 Concen: 8.811 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116133.D
 Acq: 10 Aug 2019 00:46

Tgt Ion:165 Resp: 29186

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.3	42.9	64.3#





#57

2,4-Dinitrotoluene

Concen: 6.618 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 29186

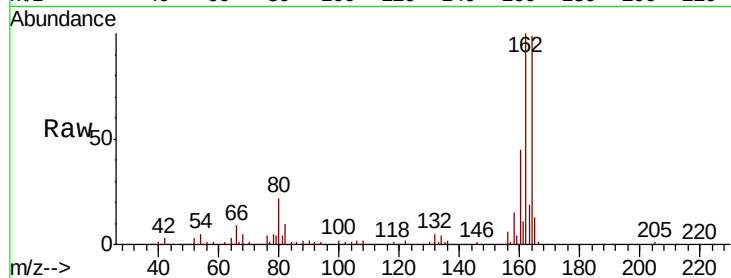
Ion Ratio Lower Upper

165 100

63 1.3 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

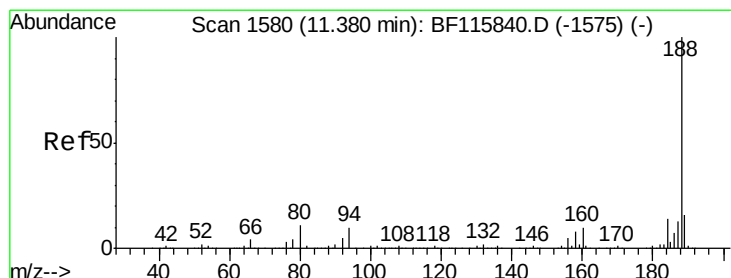
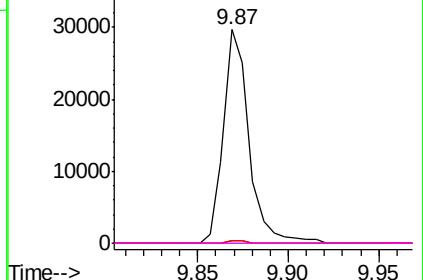
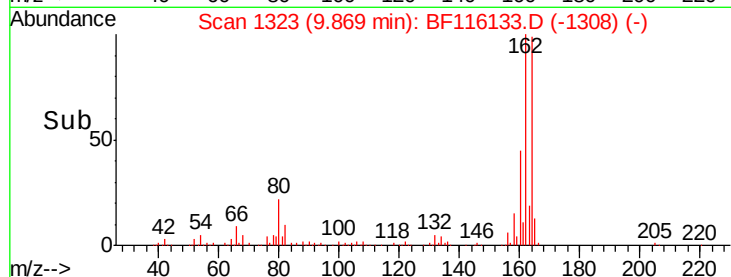


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

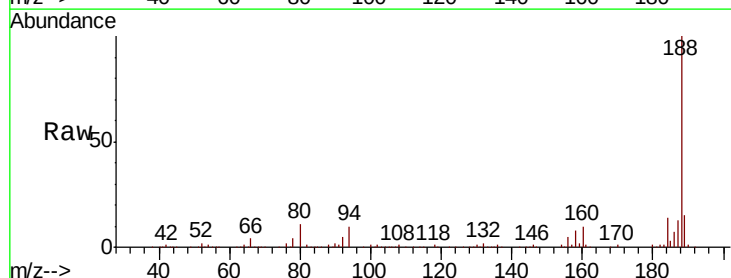
Tgt Ion:188 Resp: 349408

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

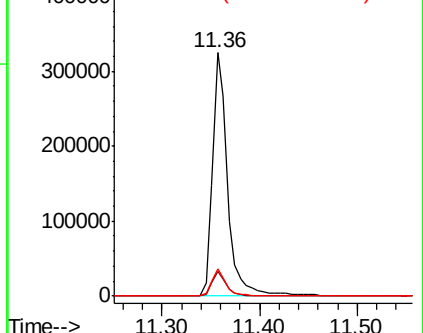
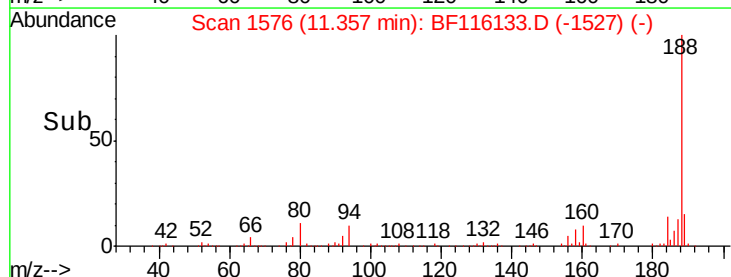
80 11.2 8.7 13.1

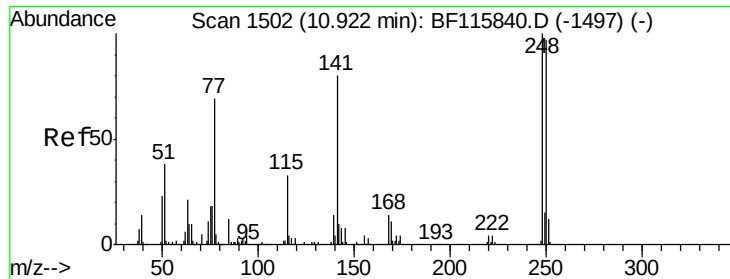


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 4.515 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_F

ClientSampled :

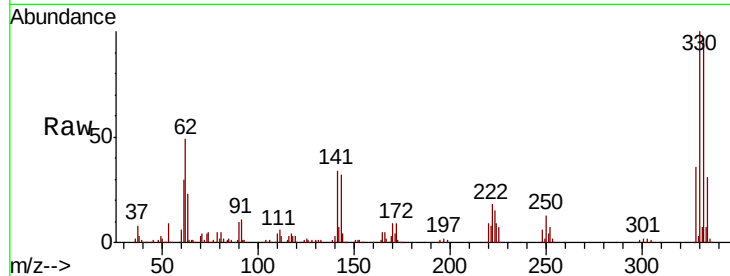
Tot Ion:248 Resp: 16887

Ion Ratio Lower Upper

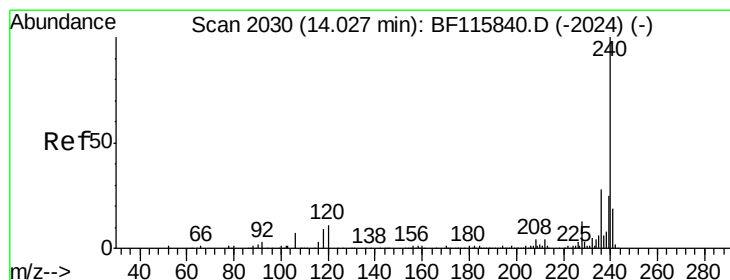
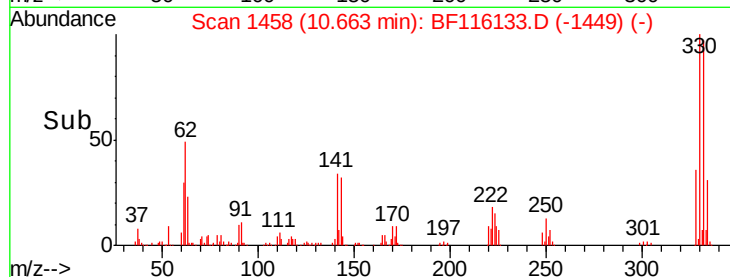
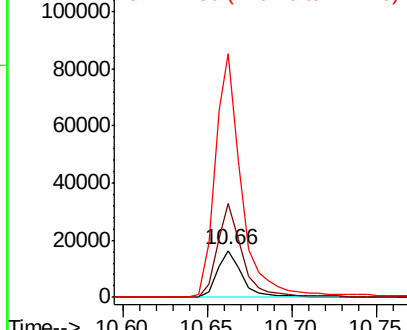
248 100

250 199.7 77.4 116.2#

141 520.6 56.8 85.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

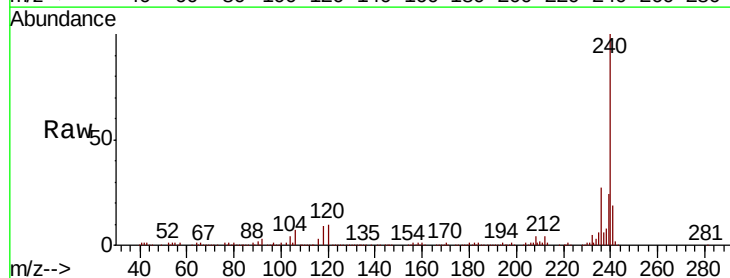
Tgt Ion:240 Resp: 268346

Ion Ratio Lower Upper

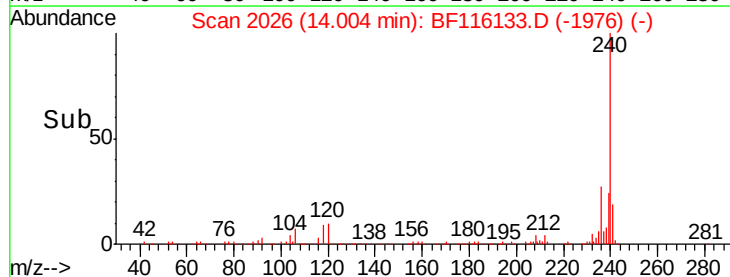
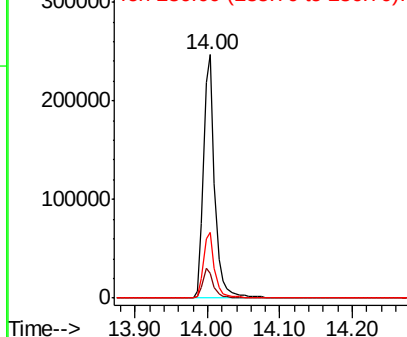
240 100

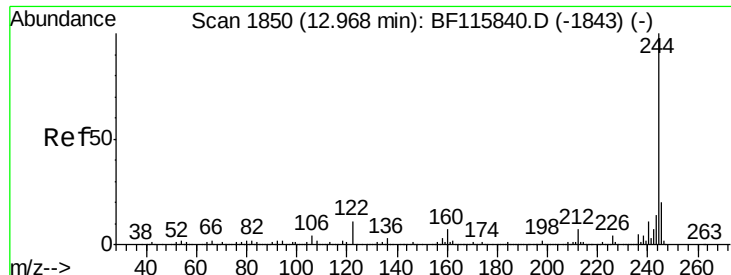
120 10.2 10.7 16.1#

236 27.0 22.2 33.2



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





#79

Terphenyl-d14

Concen: 93.185 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

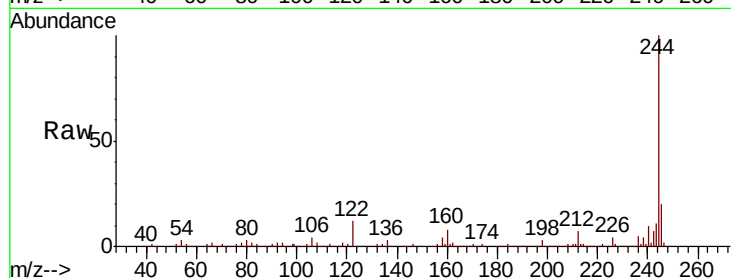
Tot Ion:244 Resp: 1186699

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

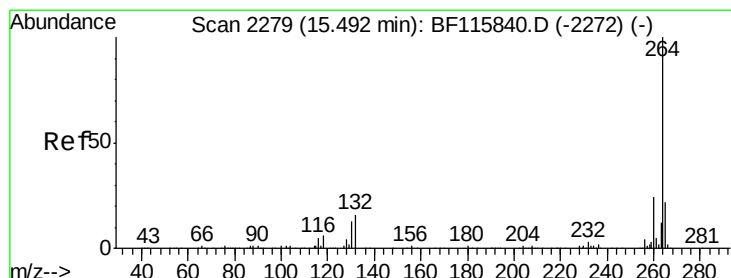
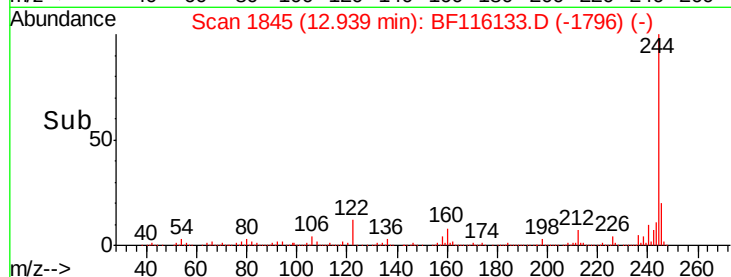
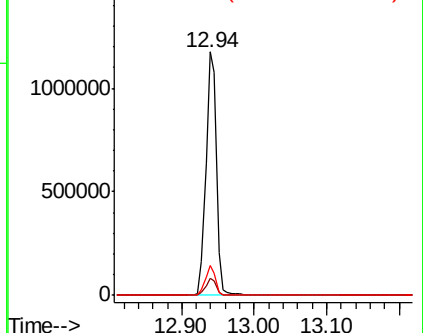
122 12.4 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116133.D

Acq: 10 Aug 2019 00:46

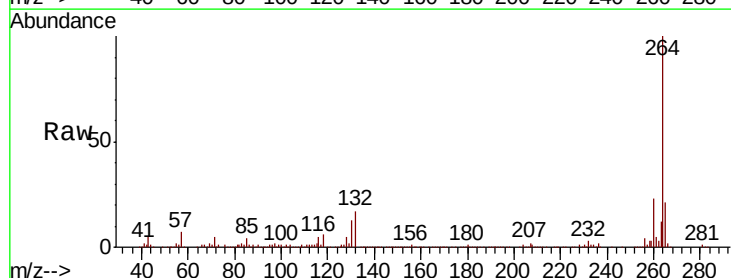
Tgt Ion:264 Resp: 305156

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

265 21.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

