

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116449.D
 Acq On : 21 Aug 2019 00:00
 Operator : HP/JU
 Sample : K4403-32
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 01:17:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

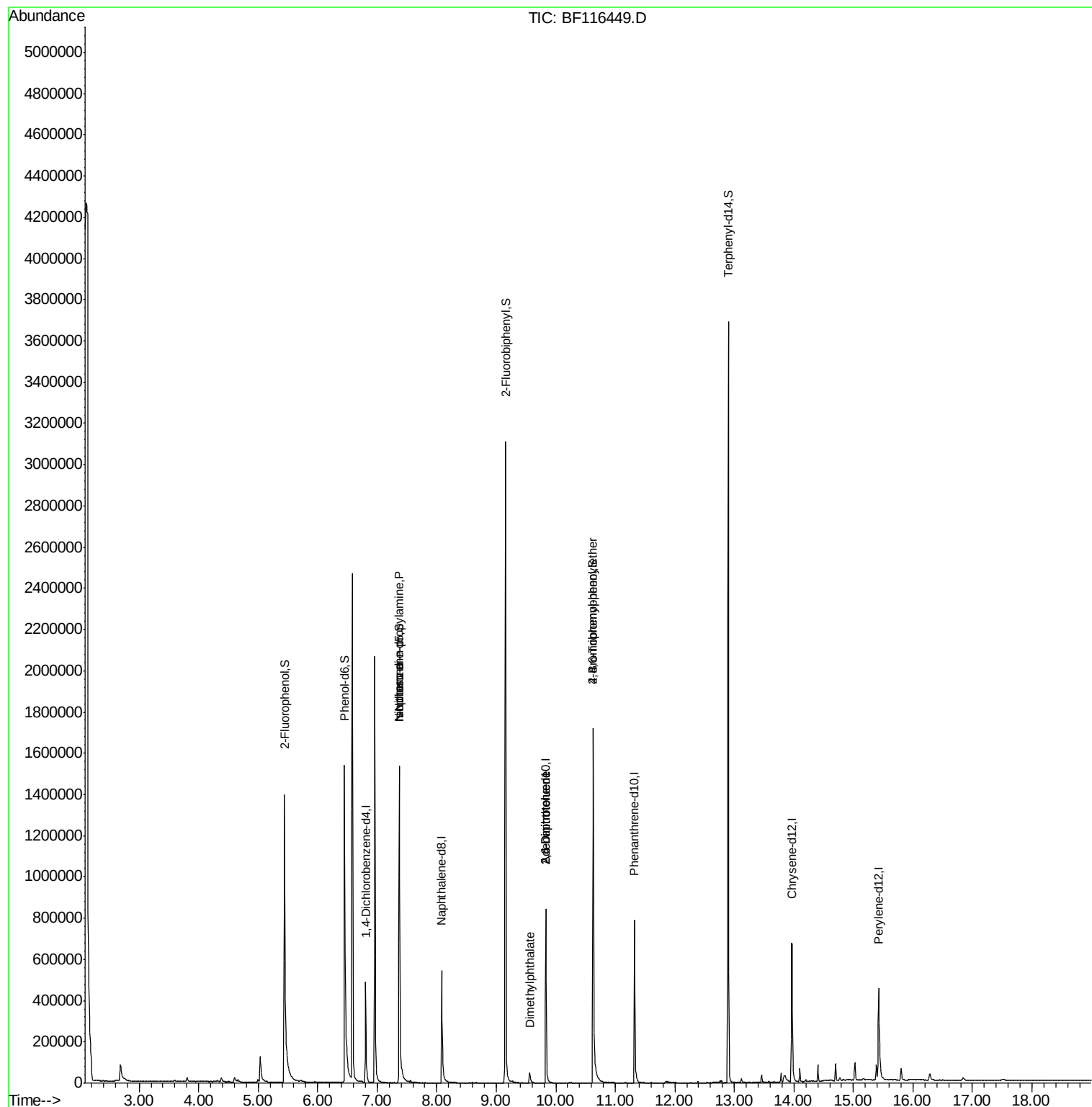
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	83991	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	321185	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	172376	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	328731	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	289488	20.00	ng	-0.01
87) Perylene-d12	15.42	264	288753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	653489	130.25	ng	0.00
7) Phenol-d6	6.45	99	784918	124.00	ng	-0.01
23) Nitrobenzene-d5	7.37	82	588245	105.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	271543	162.48	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1053357	114.46	ng	-0.01
79) Terphenyl-d14	12.90	244	1373783	100.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	76363	19.467	ng	# 78
25) Isophorone	7.37	82	588245	55.288	ng	# 65
50) Dimethylphthalate	9.56	163	34909	2.974	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	22560	8.845	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	22560	6.643	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	16396	4.659	ng	# 1

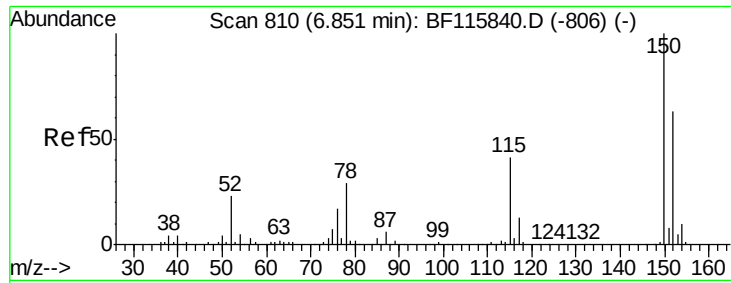
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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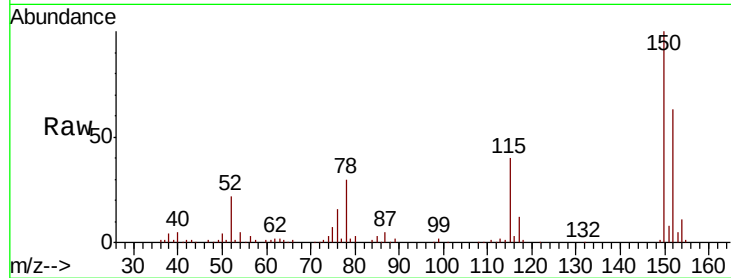


#1

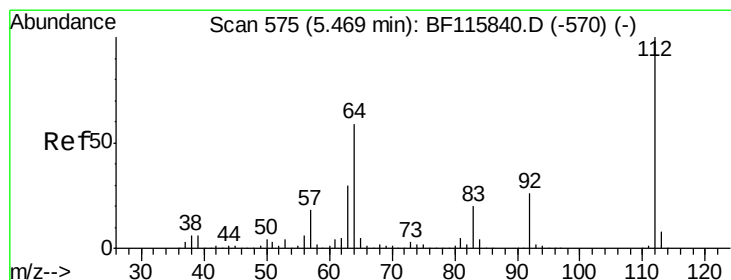
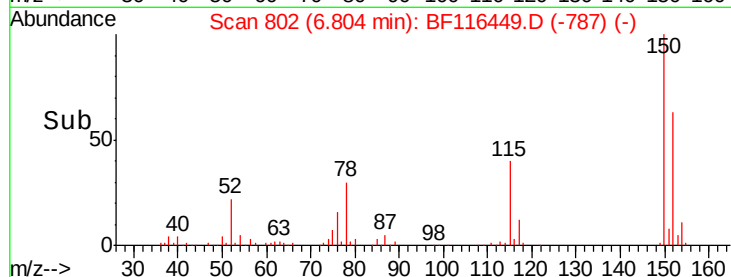
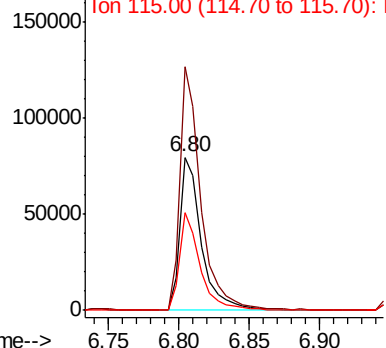
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116449.D
Acq: 21 Aug 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83991
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 63.7 49.9 74.9



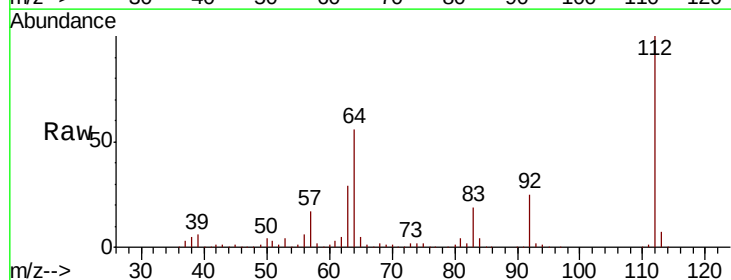
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



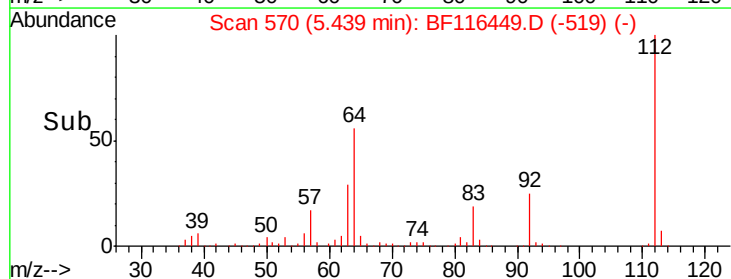
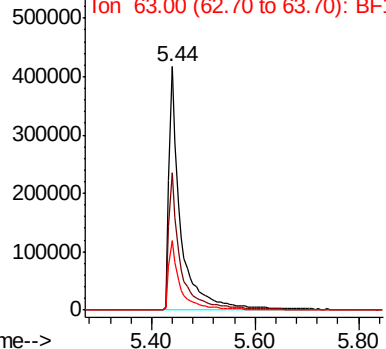
#5

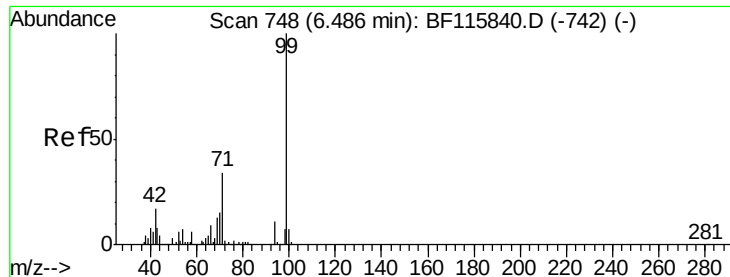
2-Fluorophenol
Concen: 130.250 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116449.D
Acq: 21 Aug 2019 00:00

Tgt Ion:112 Resp: 653489
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.2
63 28.8 23.7 35.5



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





#7

Phenol-d6

Concen: 123.998 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

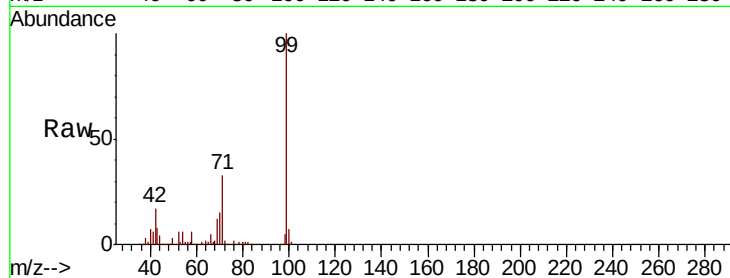
Tot Ion: 99 Resp: 784918

Ion Ratio Lower Upper

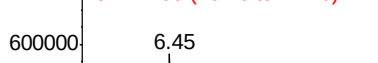
99 100

42 16.6 13.8 20.8

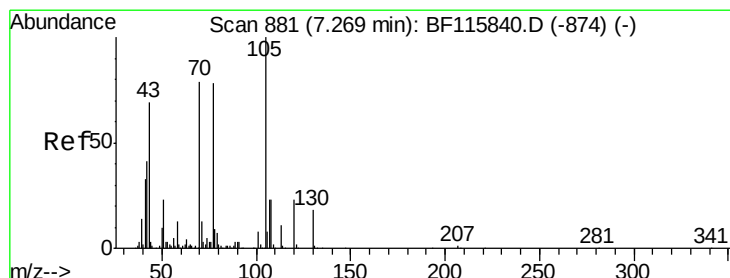
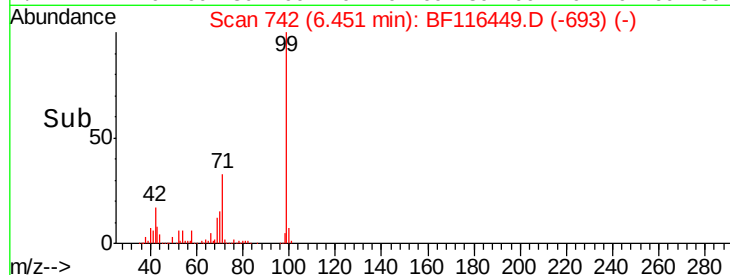
71 33.1 27.3 40.9



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 19.467 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Tgt Ion: 70 Resp: 76363

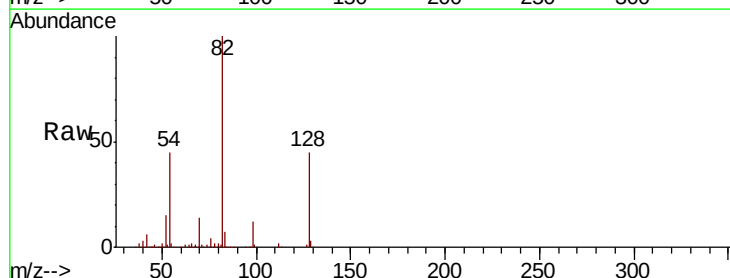
Ion Ratio Lower Upper

70 100

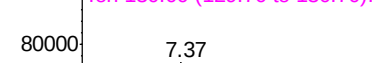
42 42.2 40.9 61.3

101 0.0 7.9 11.9#

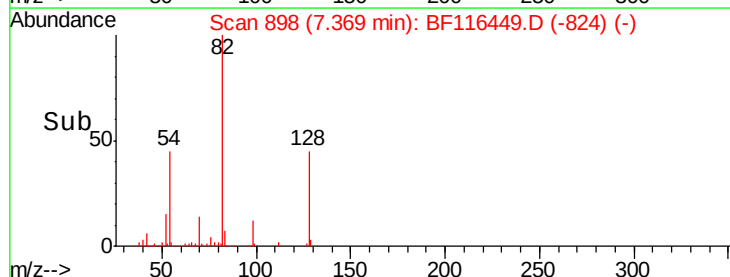
130 2.3 16.9 25.3#

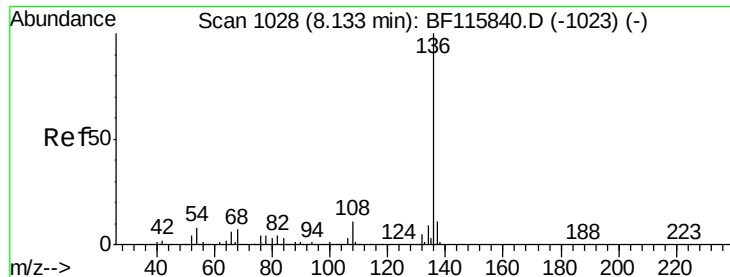


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



Time-->

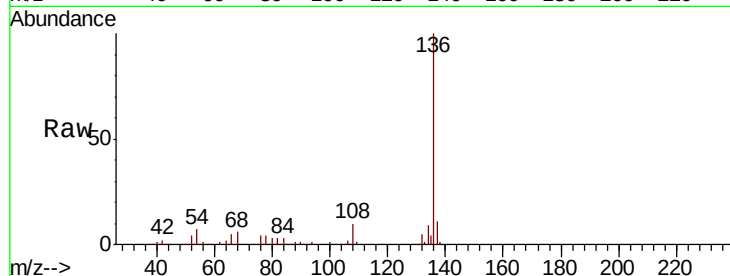




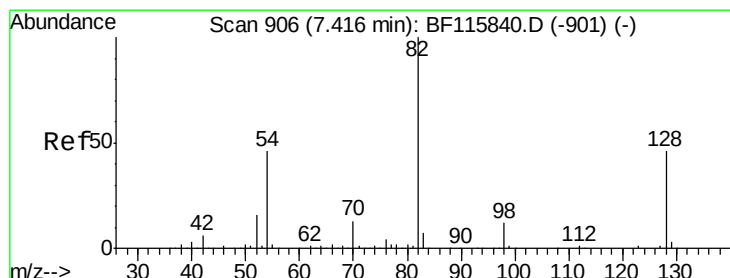
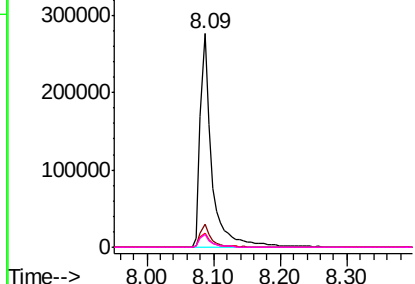
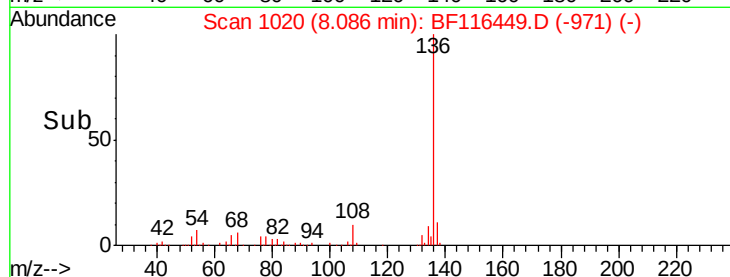
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116449.D
Acq: 21 Aug 2019 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	321185
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.8	5.8 8.6
68	6.0	5.2 7.8

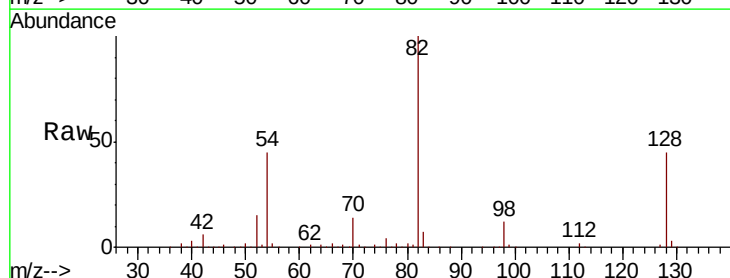


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

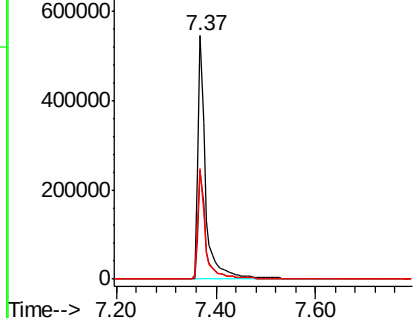
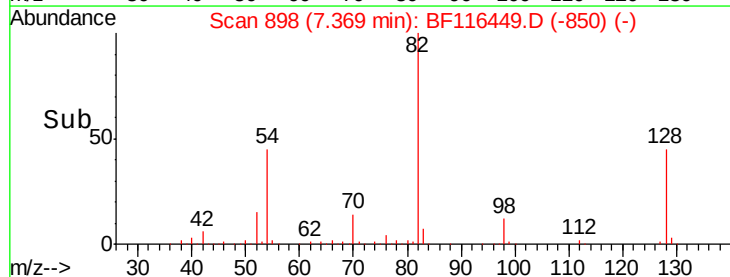


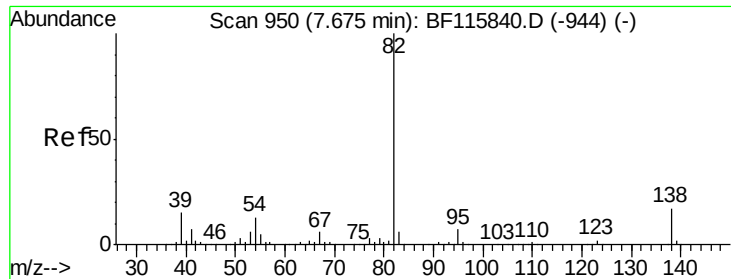
#23
Nitrobenzene-d5
Concen: 105.719 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116449.D
Acq: 21 Aug 2019 00:00

Tgt Ion: 82	Resp:	588245
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.5 54.7
54	45.4	36.0 54.0



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





#25

Isophorone

Concen: 55.288 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

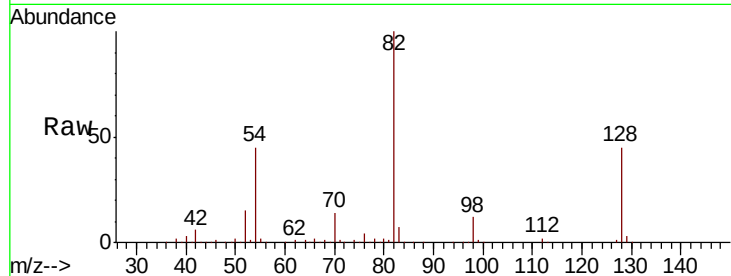
Tot Ion: 82 Resp: 588245

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

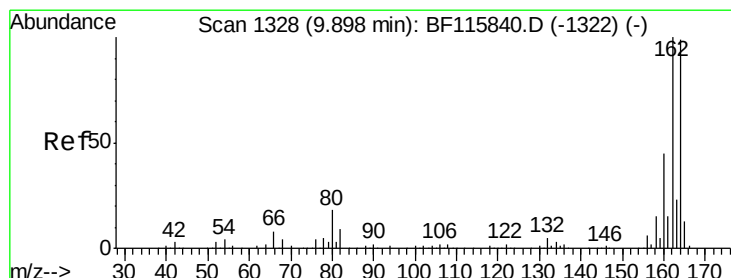
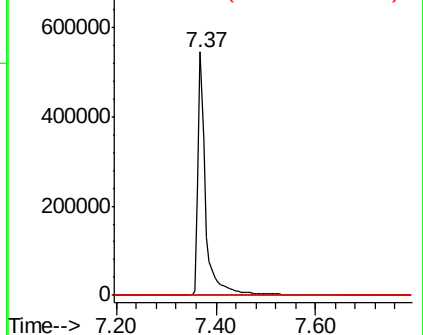
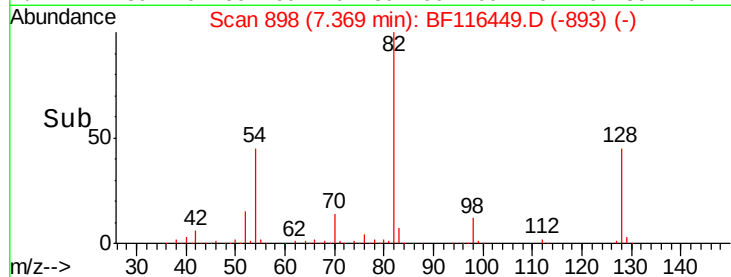
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

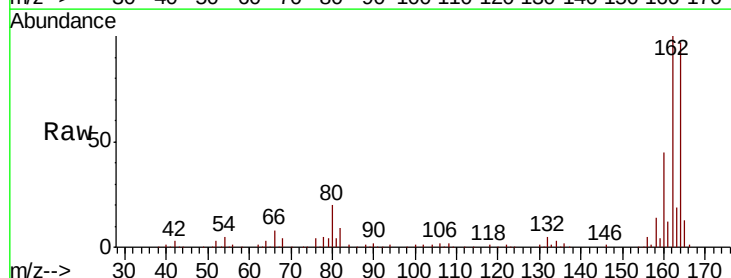
Tgt Ion: 164 Resp: 172376

Ion Ratio Lower Upper

164 100

162 103.1 82.6 124.0

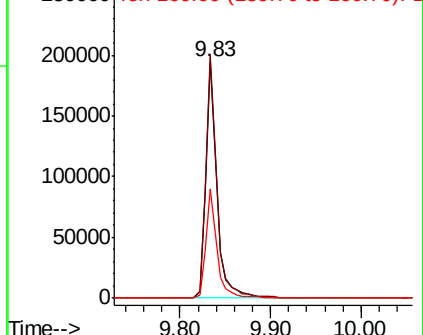
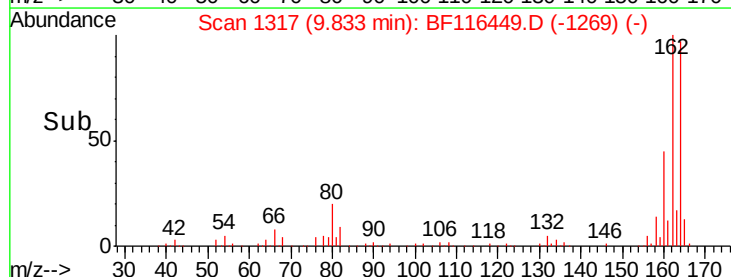
160 46.5 37.6 56.4

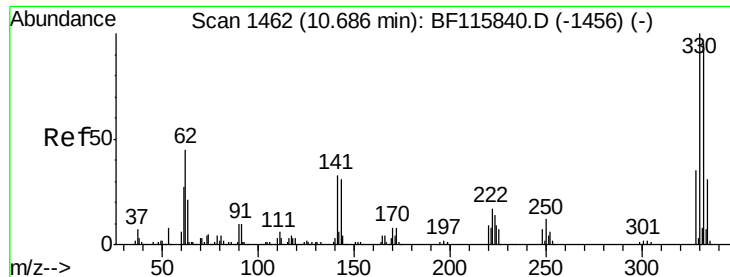


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

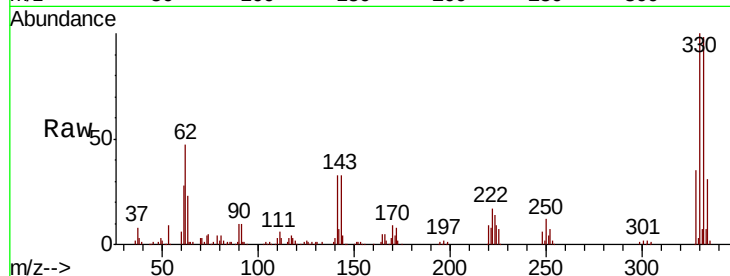




#42
 2,4,6-Tribromophenol
 Concen: 162.481 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	34.4	26.3	39.5

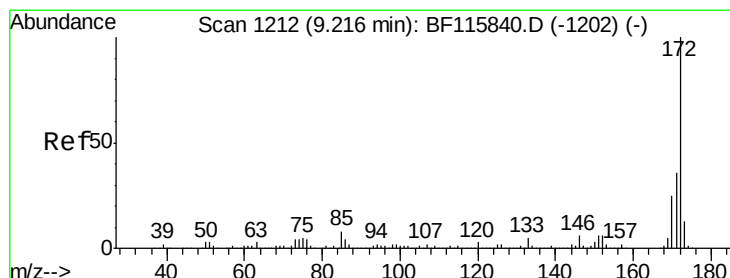
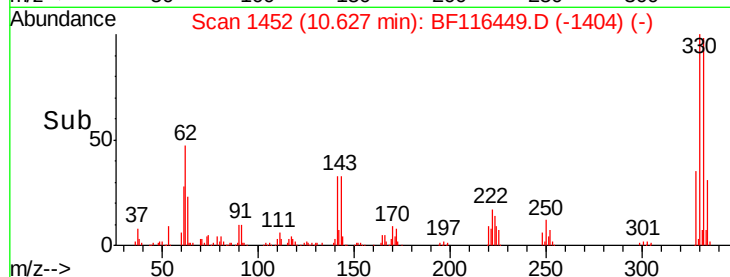
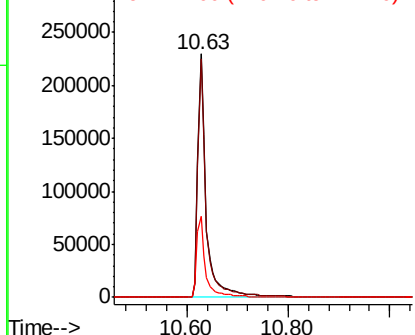


Abundance

Ion 329.80 (329.50 to 330.50): E

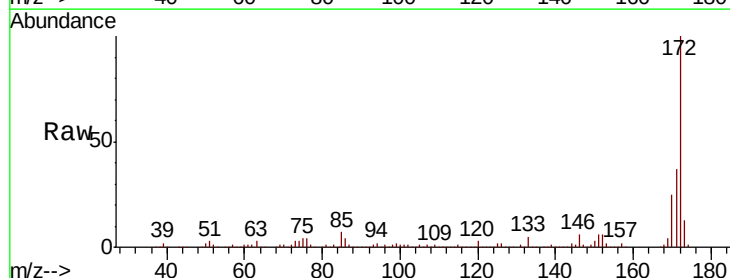
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 114.460 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.1	20.1	30.1

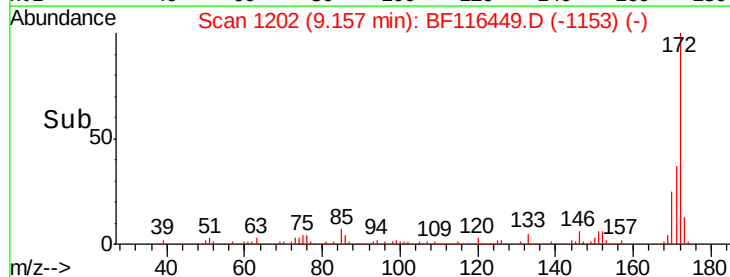
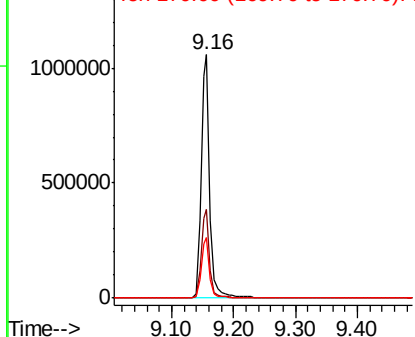


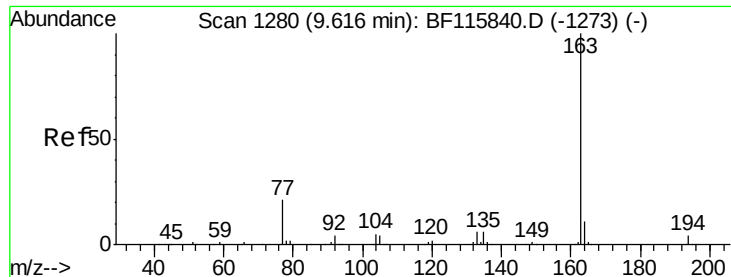
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.974 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

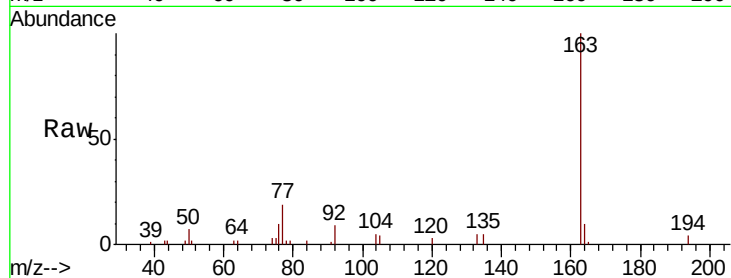
Tot Ion:163 Resp: 34909

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

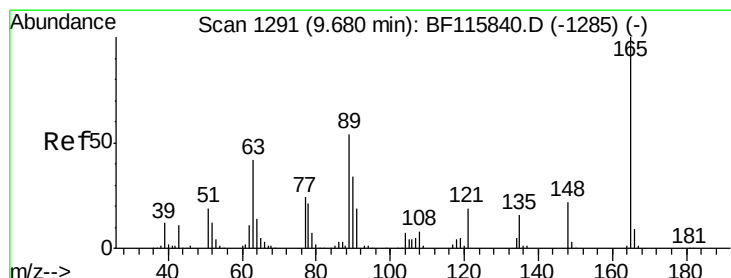
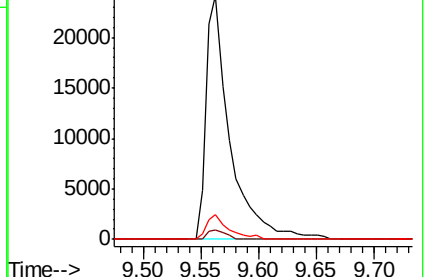
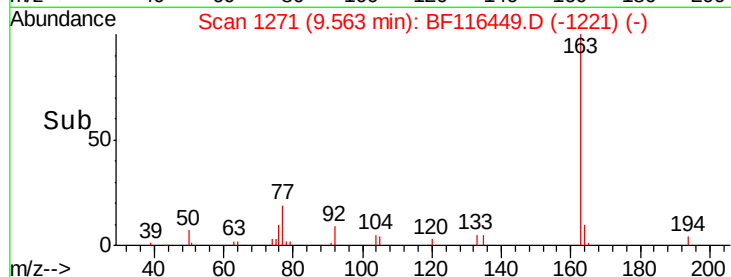
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.845 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

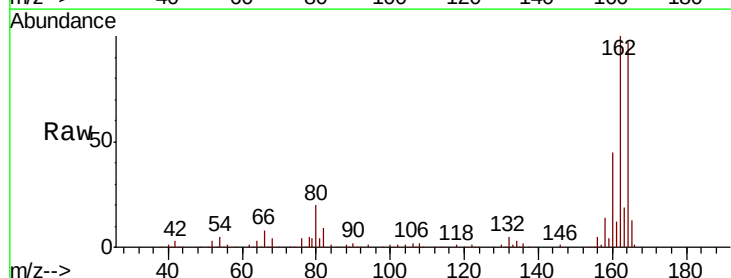
Tgt Ion:165 Resp: 22560

Ion Ratio Lower Upper

165 100

63 1.2 38.2 57.2#

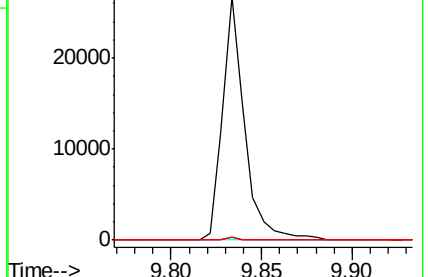
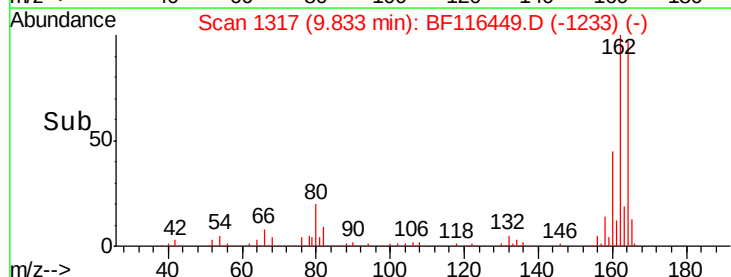
89 1.3 42.9 64.3#

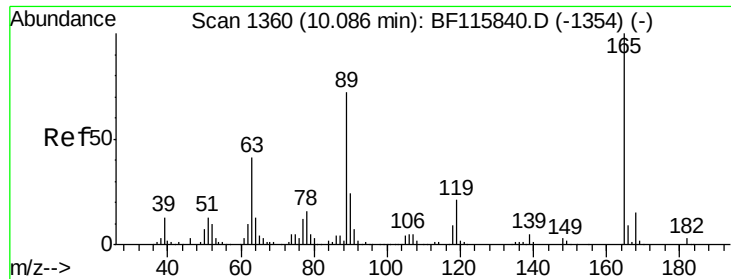


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.643 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116449.D

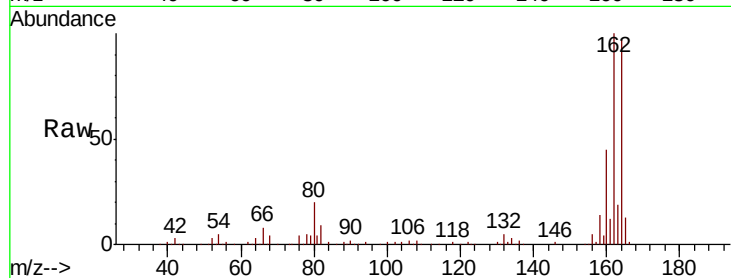
Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	22560
Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

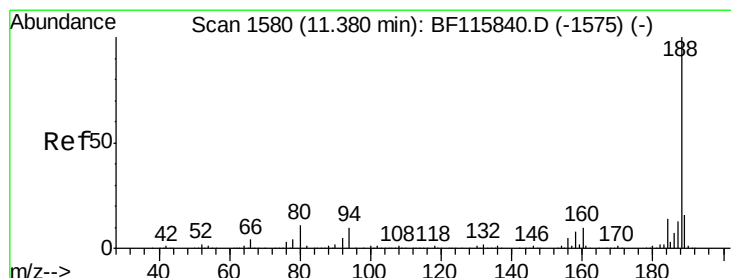
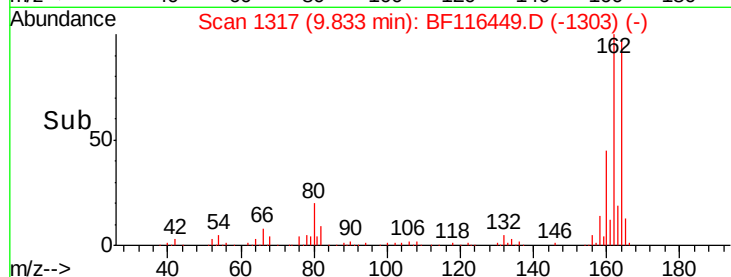
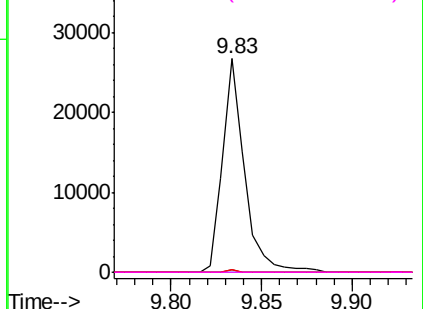


Abundance Ion 165.00 (164.70 to 165.70): E

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

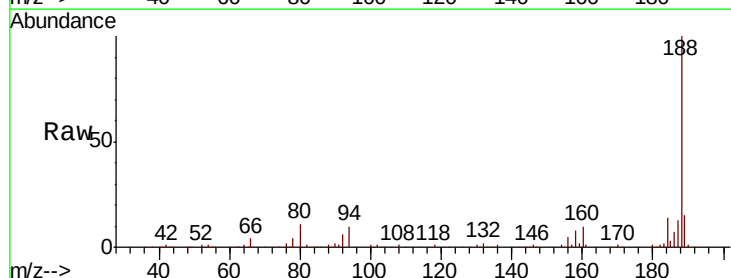
RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

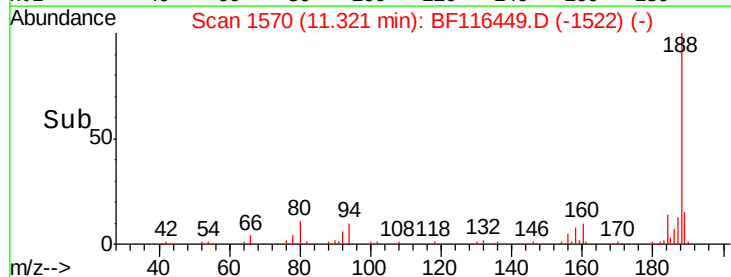
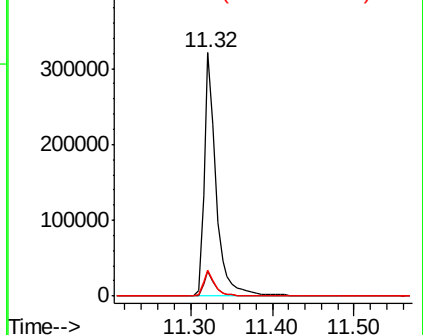
Tgt Ion:	188	Resp:	328731
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.7	8.7	13.1

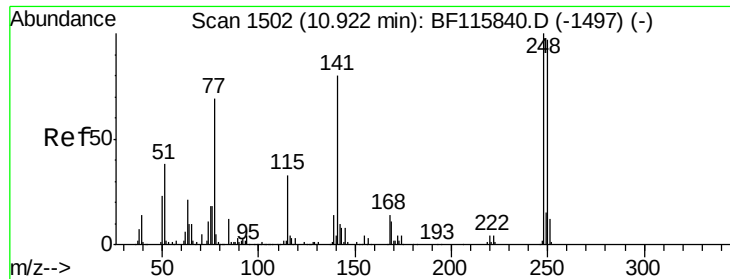


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

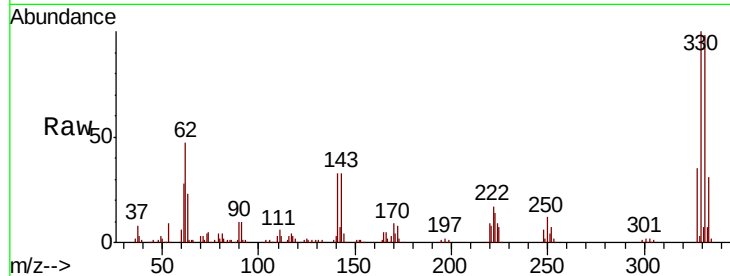




#67
 4-Bromophenyl-phenylether
 Concen: 4.659 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	197.5	77.4	116.2#
141	529.7	56.8	85.2#

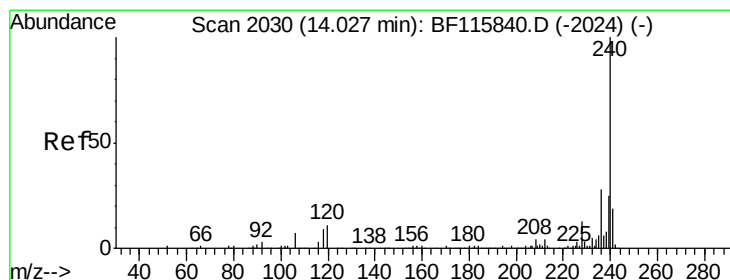
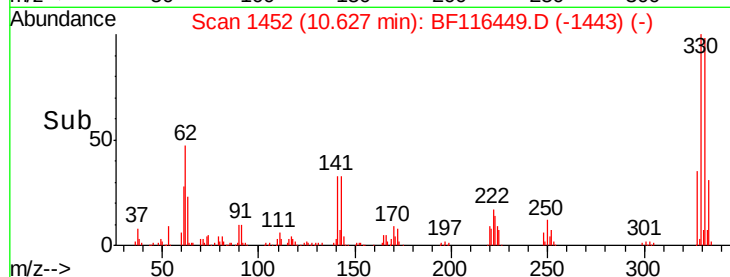
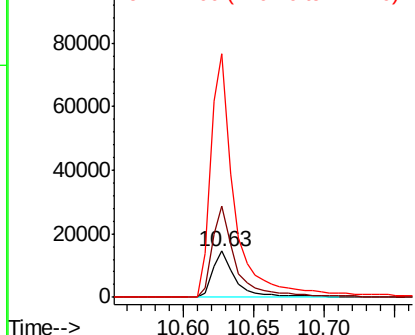


Abundance

Ion 248.00 (247.70 to 248.70): E

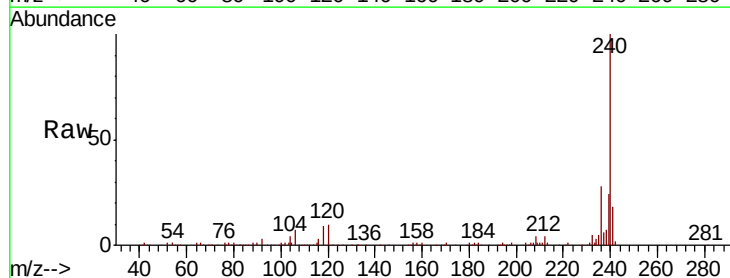
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.7	16.1#
236	27.5	22.2	33.2

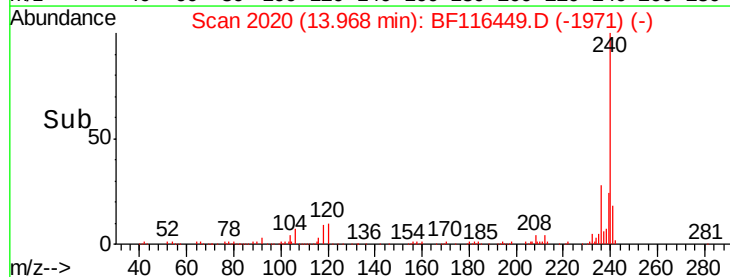
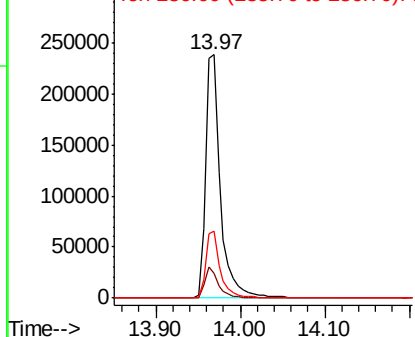


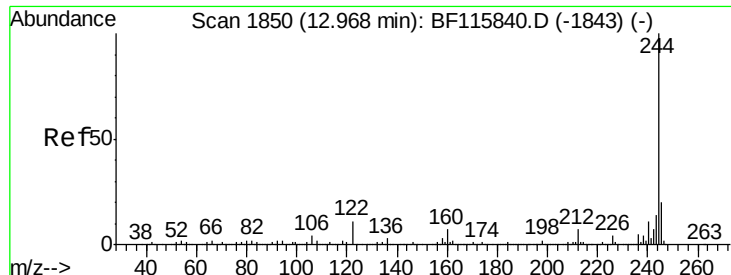
Abundance

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: 99.997 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

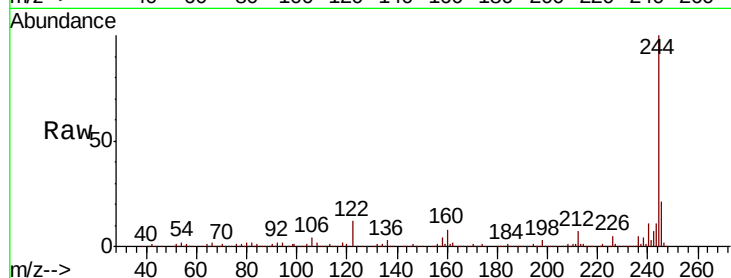
Tot Ion:244 Resp: 1373783

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

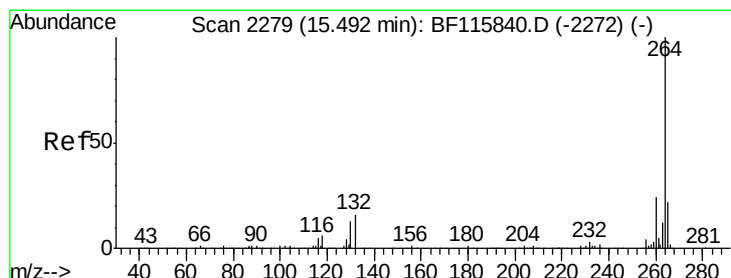
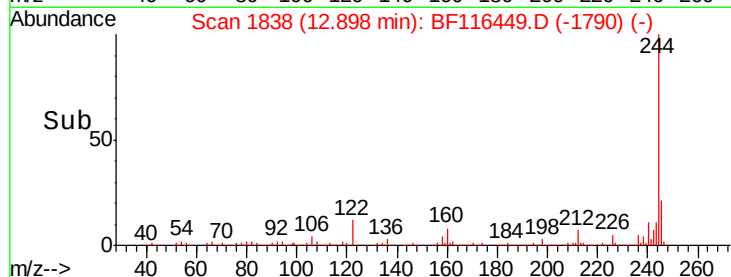
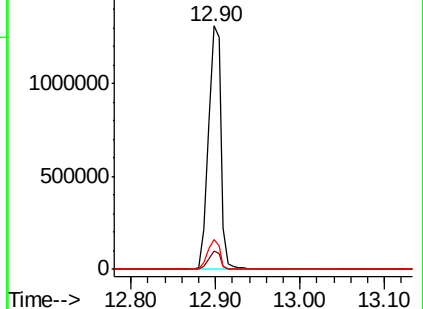
122 12.5 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

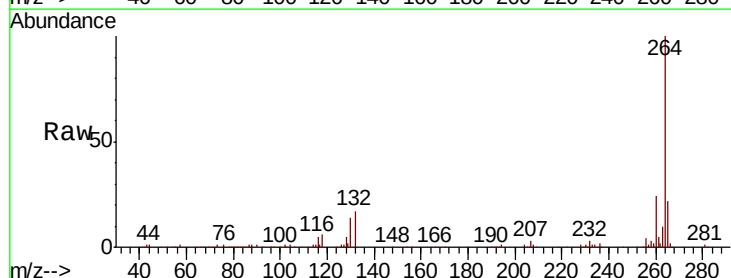
Tgt Ion:264 Resp: 288753

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 22.3 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

