

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116707.D
 Acq On : 31 Aug 2019 18:49
 Operator : HP/JU
 Sample : K4619-27
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP

Quant Time: Sep 01 00:44:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

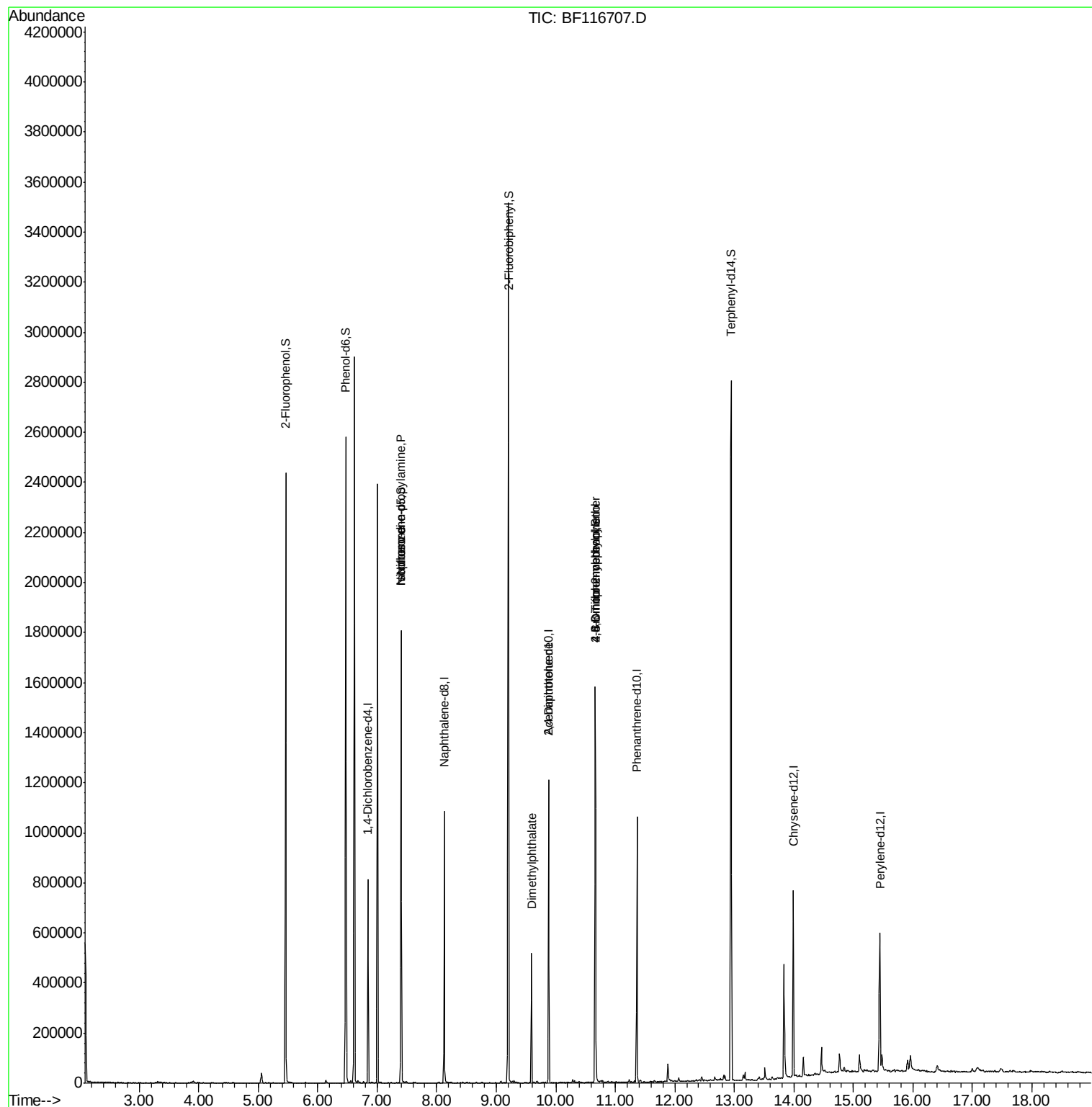
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109876	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	432337	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	220156	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	356332	20.00	ng	0.00
76) Chrysene-d12	13.99	240	226337	20.00	ng	0.00
87) Perylene-d12	15.44	264	249047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	673983	99.37	ng	0.00
7) Phenol-d6	6.47	99	923448	103.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	570379	75.31	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	149531	101.60	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	981741	75.22	ng	0.00
79) Terphenyl-d14	12.94	244	892779	72.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	76045	12.968	ng	# 73
25) Isophorone	7.40	82	570373	37.167	ng	# 66
50) Dimethylphthalate	9.59	163	177050	11.648	ng	97
57) 2,4-Dinitrotoluene	9.88	165	27290	7.696	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	180	7.567	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	10032	2.771	ng	# 1

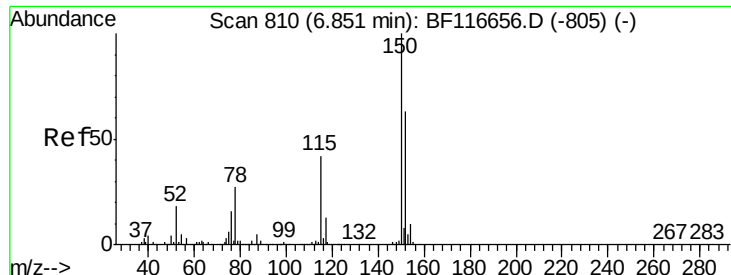
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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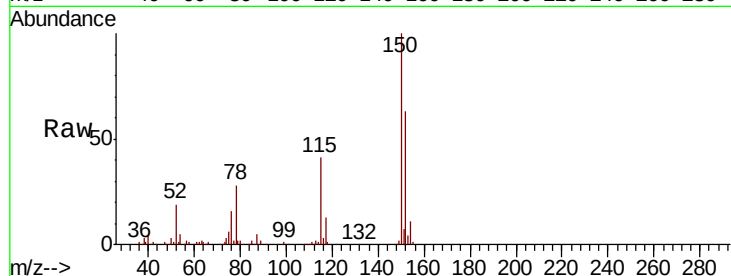


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	64.7	49.9	74.9

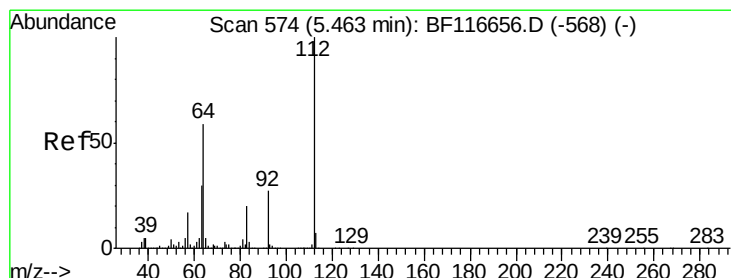
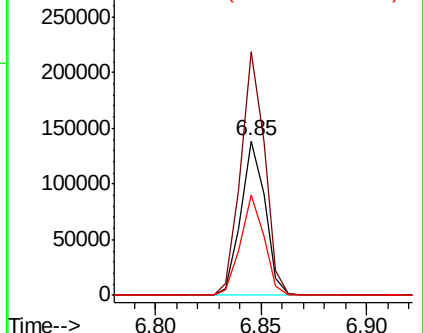
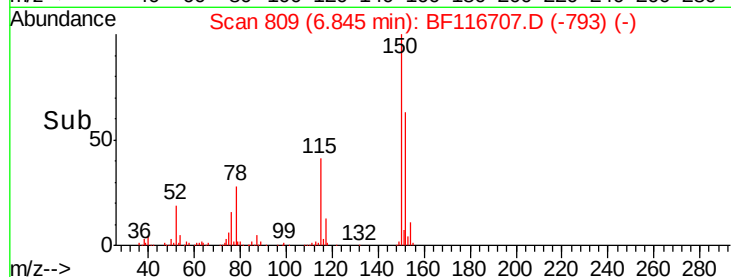


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

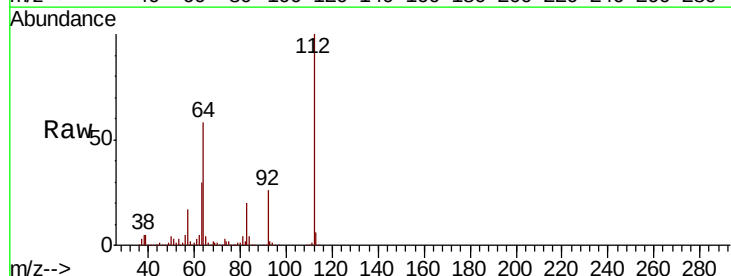
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.375 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	30.2	24.9	37.3

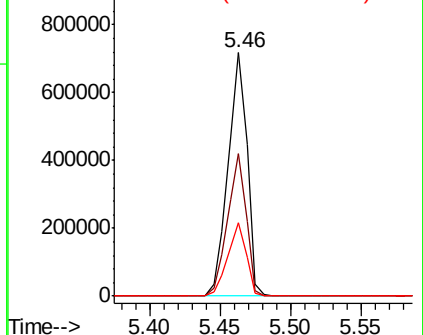
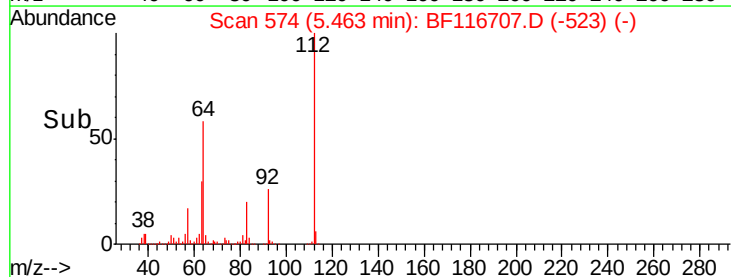


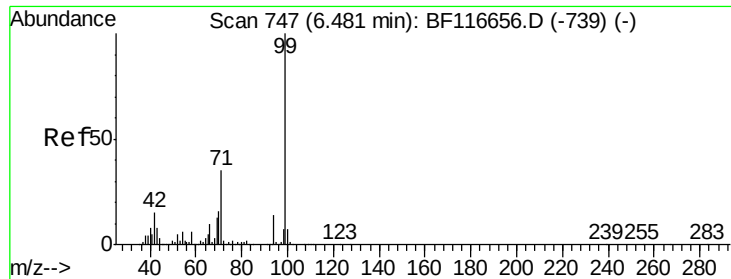
Abundance

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: 103.690 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

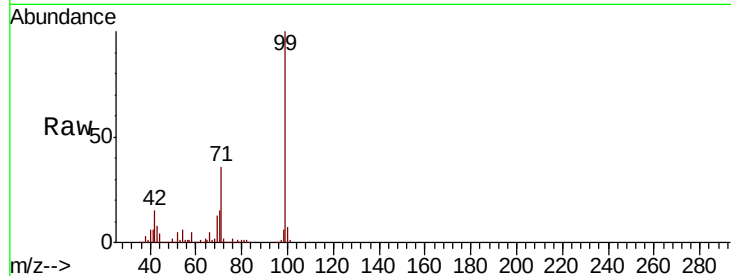
Tot Ion: 99 Resp: 923448

Ion Ratio Lower Upper

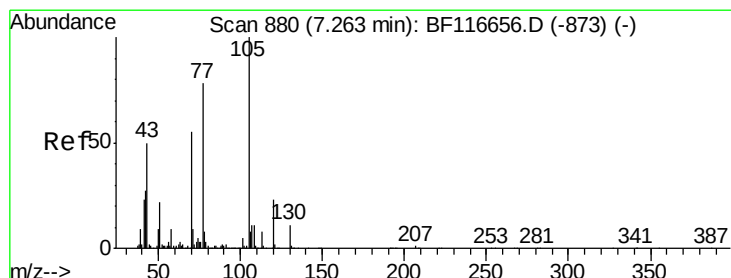
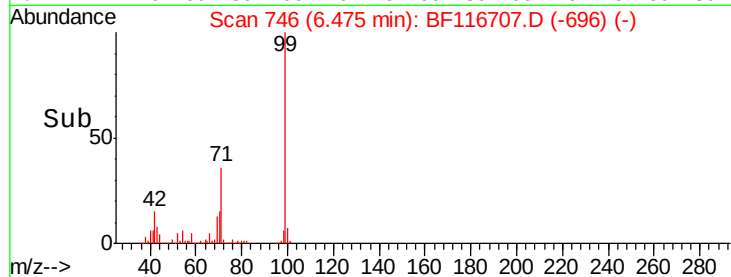
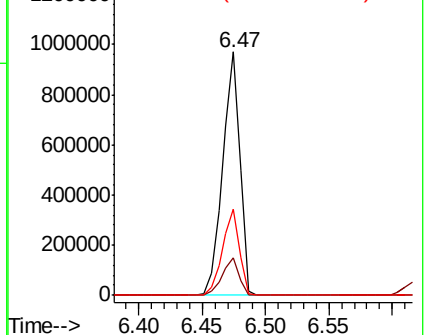
99 100

42 15.5 13.7 20.5

71 35.5 30.8 46.2



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: 12.968 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Tgt Ion: 70 Resp: 76045

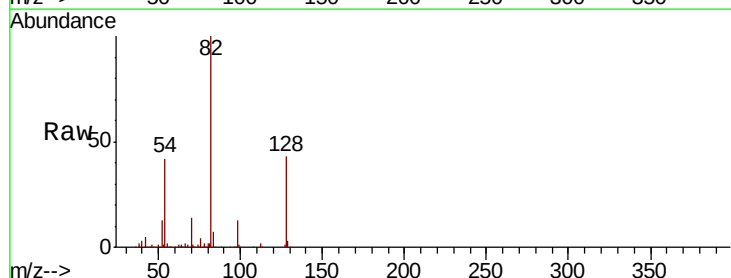
Ion Ratio Lower Upper

70 100

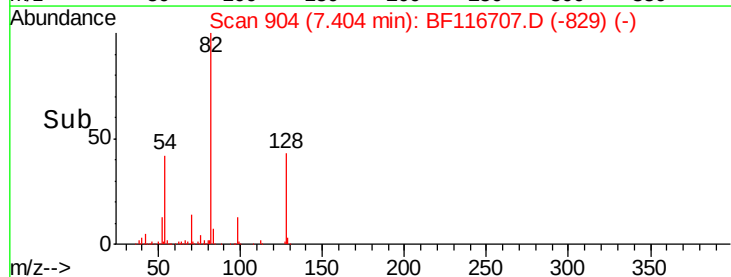
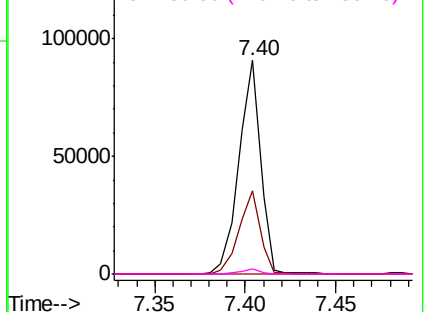
42 38.8 43.5 65.3#

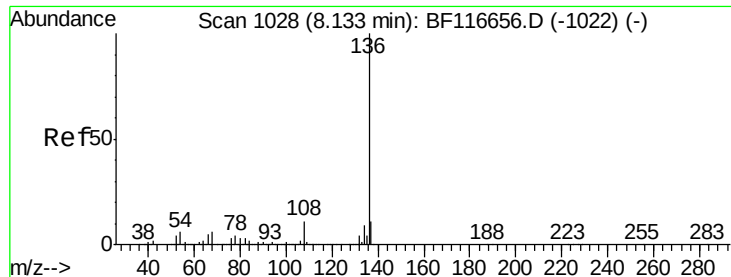
101 0.0 7.8 11.6#

130 2.3 16.6 24.8#



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

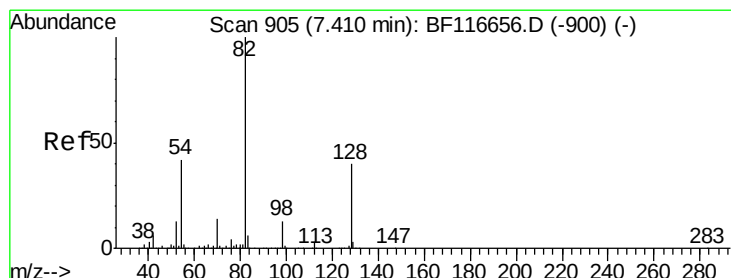
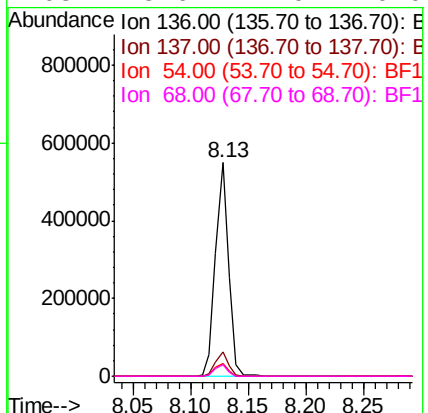
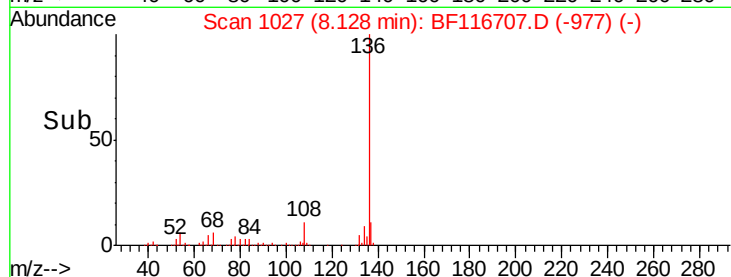
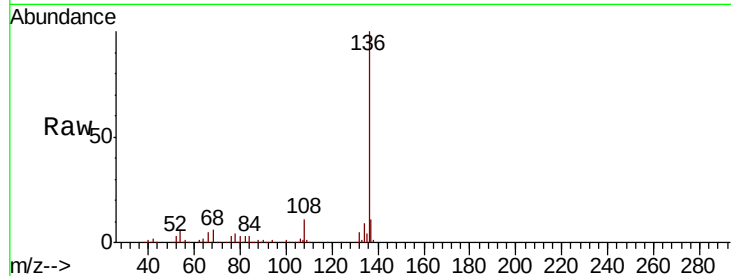




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

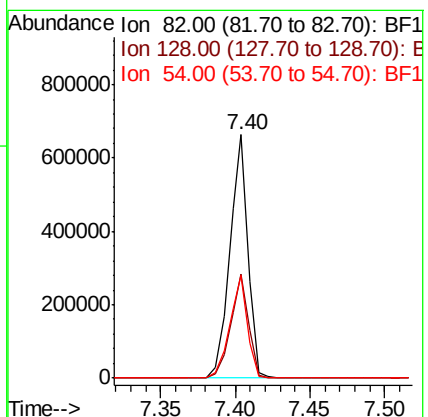
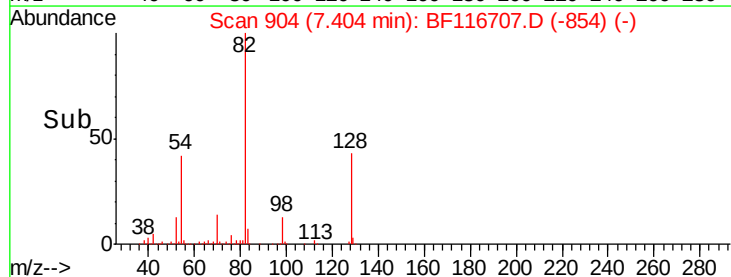
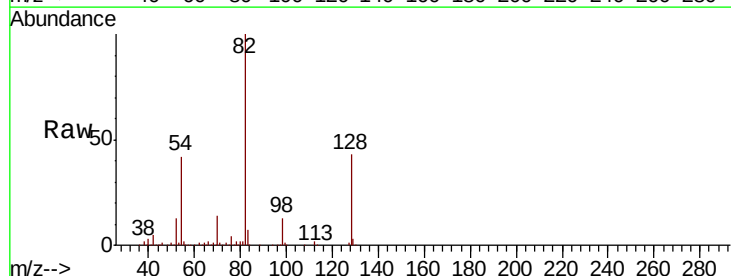
Instrument :
BNA_F
ClientSampleId :
TP9-COMP

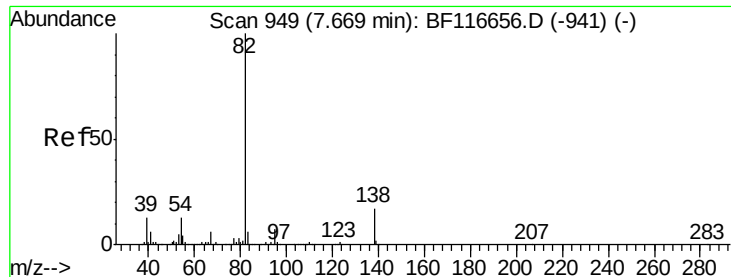
Tot Ion:136	Resp:	432337
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 6.2	4.8	7.2
68 5.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 75.315 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Tgt Ion: 82	Resp: 570379
Ion Ratio	Lower Upper
82 100	
128 42.9	32.8 49.2
54 42.2	36.9 55.3





#25

Isophorone

Concen: 37.167 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampled :

TP9-COMP

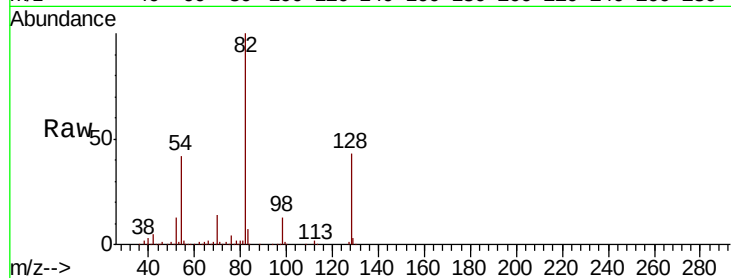
Tot Ion: 82 Resp: 570373

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

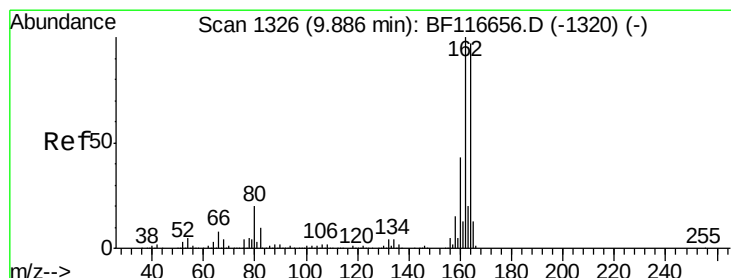
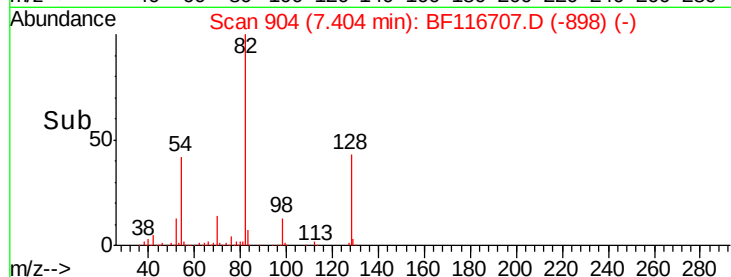
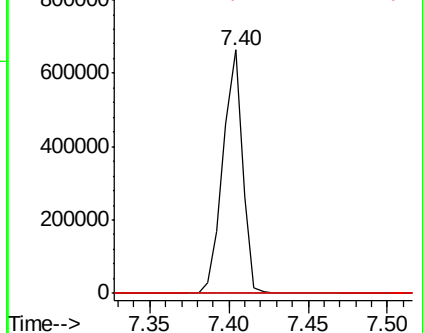
138 0.0 13.5 20.3#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

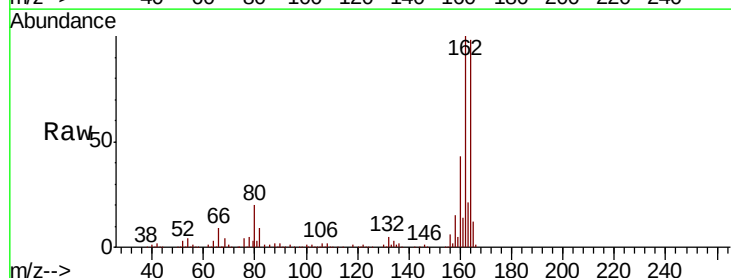
Tgt Ion:164 Resp: 220156

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

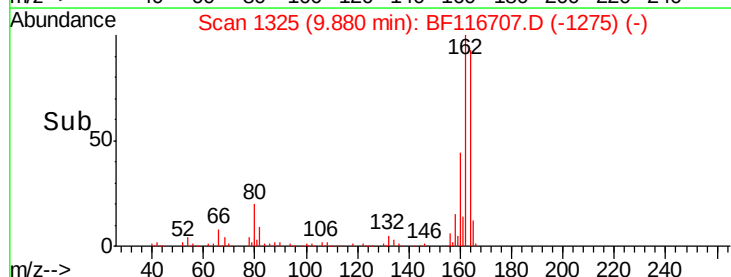
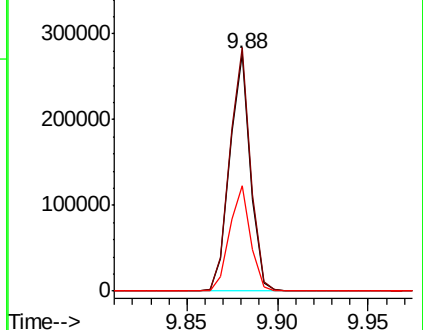
160 44.5 35.4 53.2

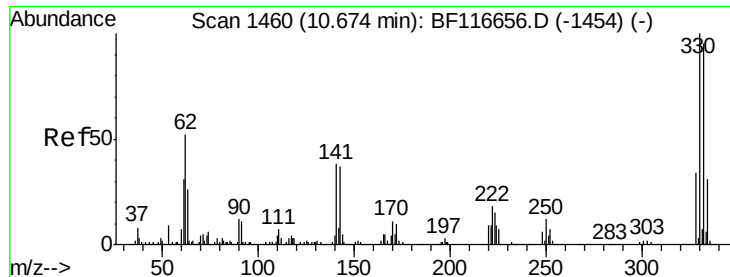


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 101.598 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

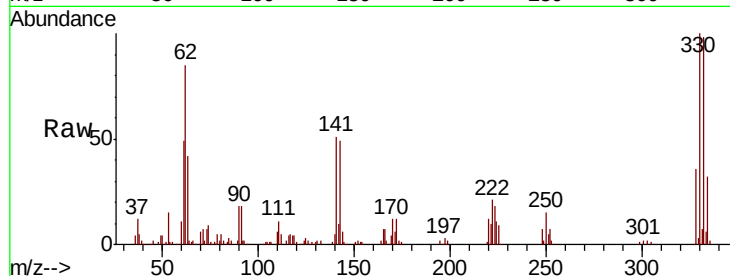
Tot Ion:330 Resp: 149531

Ion Ratio Lower Upper

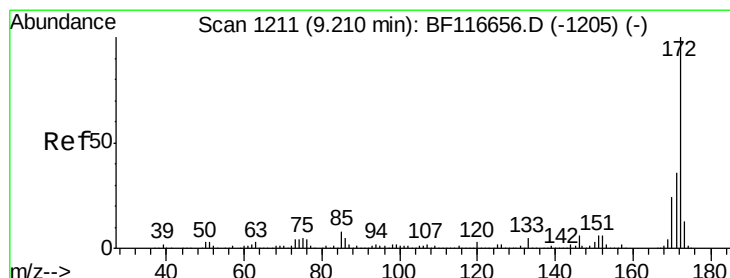
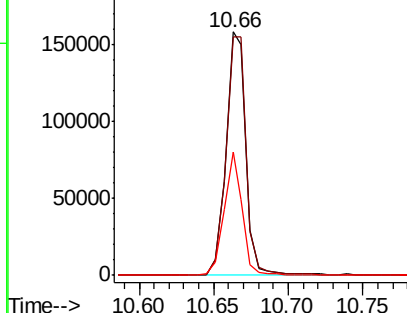
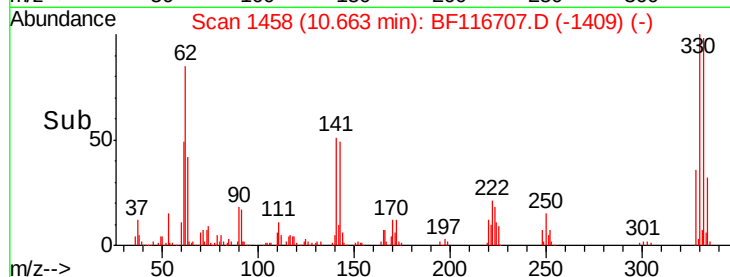
330 100

332 100.4 76.9 115.3

141 45.7 31.4 47.2



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: 75.224 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

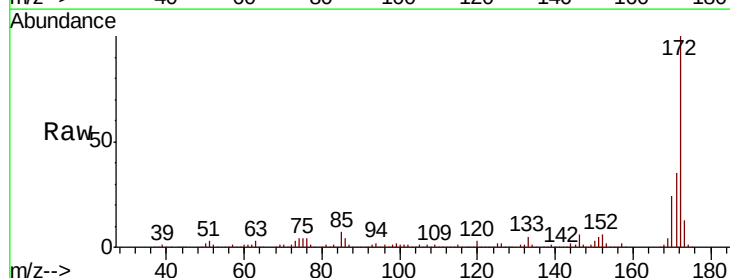
Tgt Ion:172 Resp: 981741

Ion Ratio Lower Upper

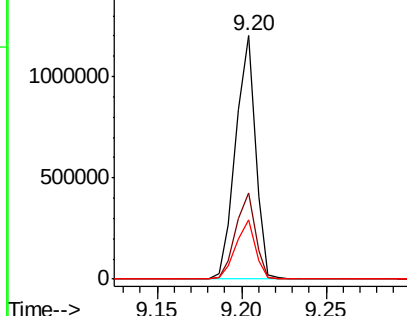
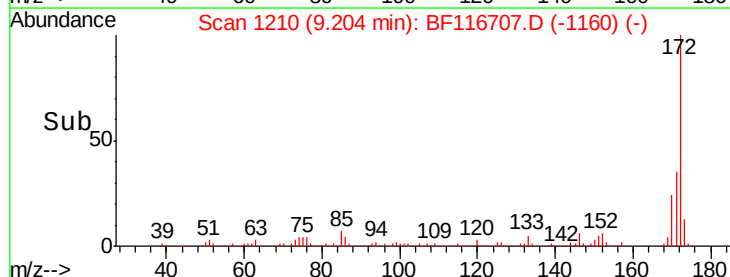
172 100

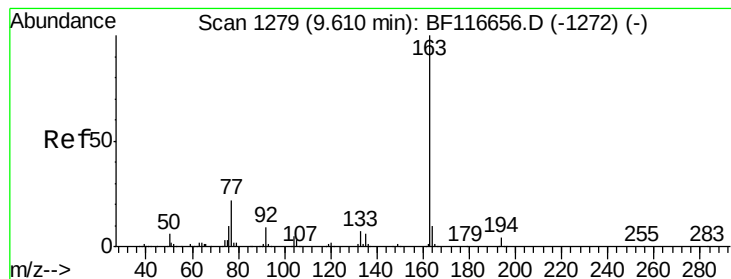
171 35.2 27.8 41.6

170 24.1 18.9 28.3



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: 11.648 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

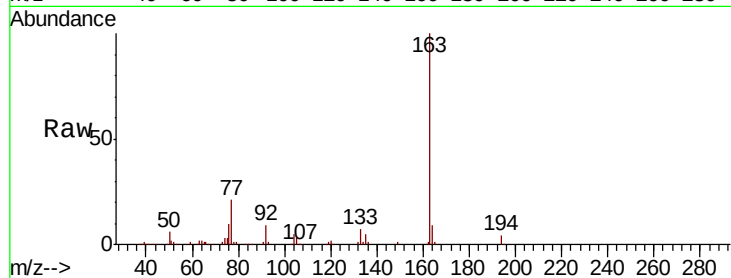
Tot Ion:163 Resp: 177050

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

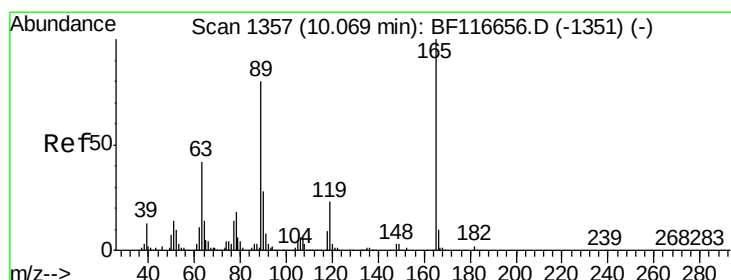
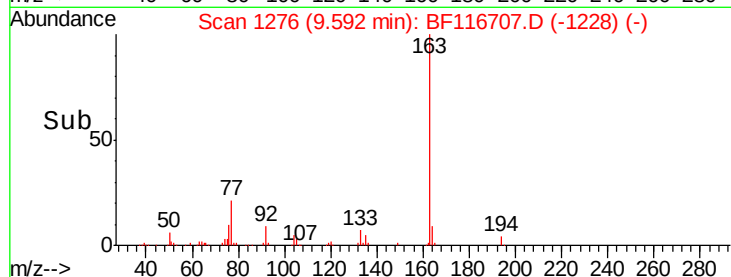
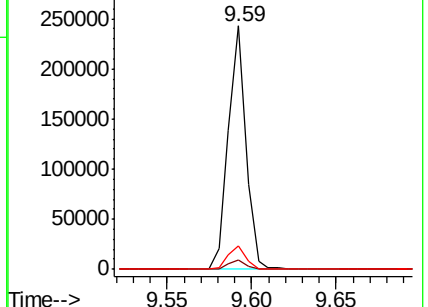
164 9.5 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 7.696 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Tgt Ion:165 Resp: 27290

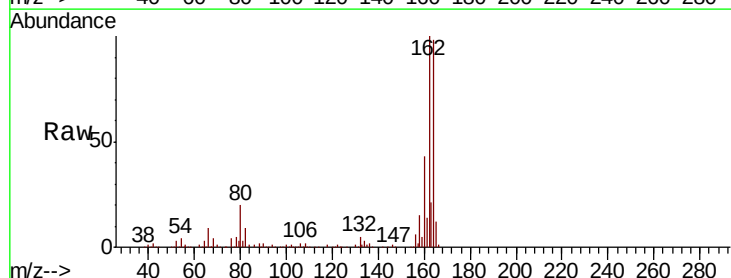
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.8 62.6 94.0#

182 0.0 2.1 3.1#

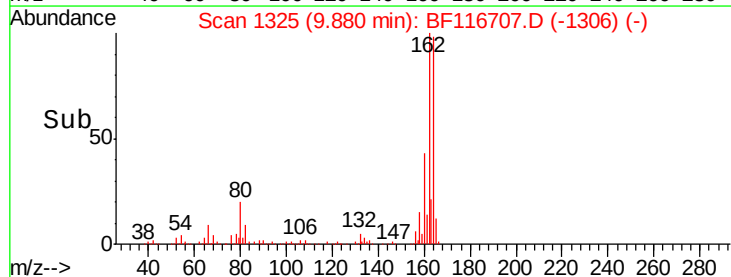
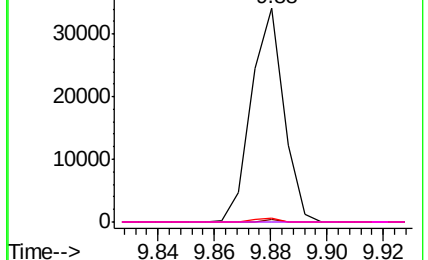


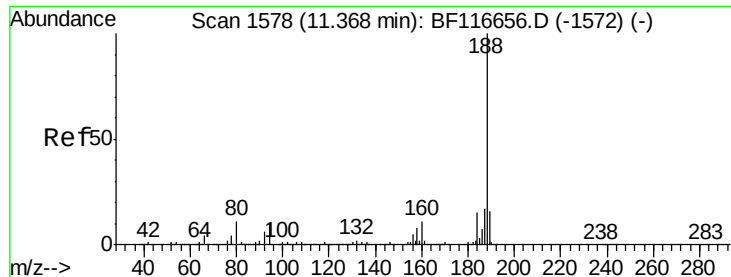
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1577

Delta R.T. -0.01 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP

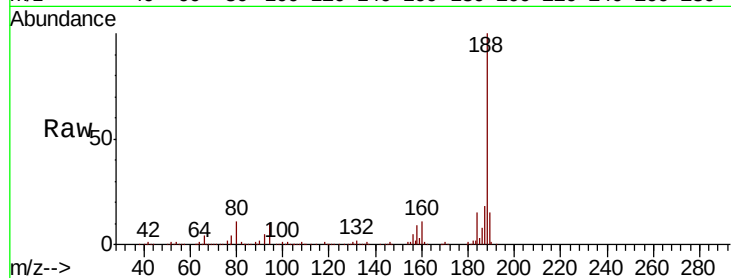
Tot Ion:188 Resp: 356332

Ion Ratio Lower Upper

188 100

94 10.3 7.3 10.9

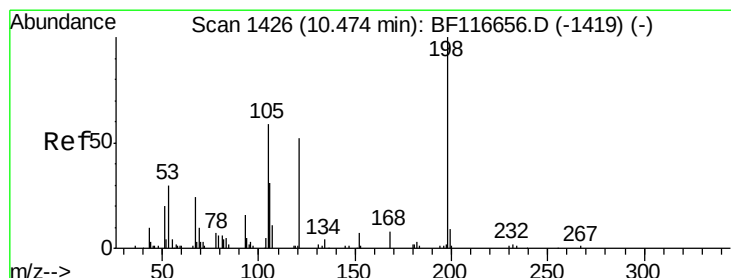
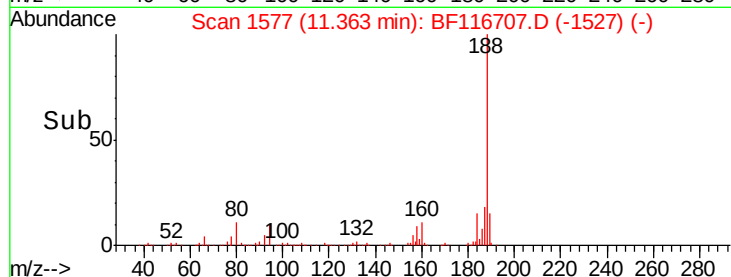
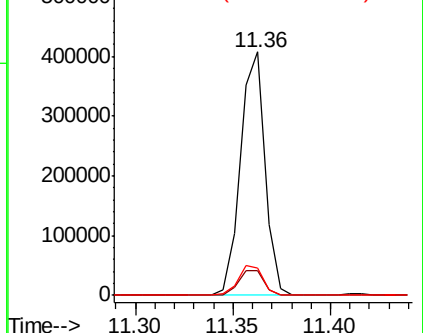
80 11.0 8.4 12.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.567 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116707.D

Acq: 31 Aug 2019 18:49

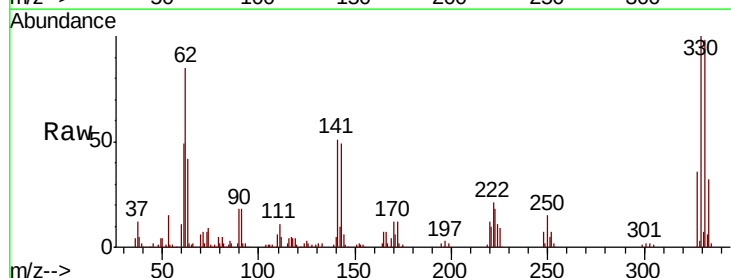
Tgt Ion:198 Resp: 180

Ion Ratio Lower Upper

198 100

51 142.6 18.4 58.4#

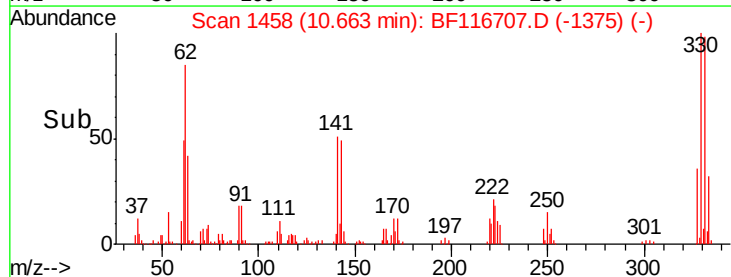
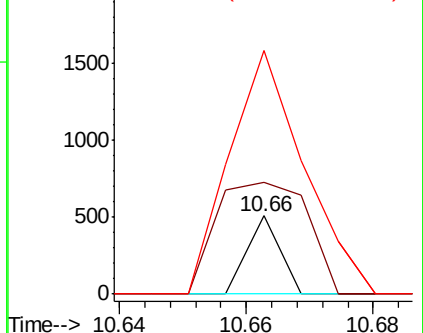
105 311.4 22.9 62.9#

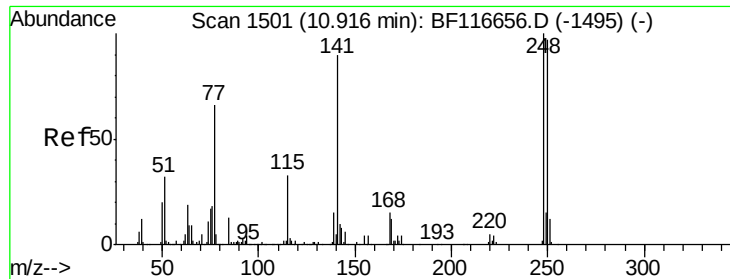


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

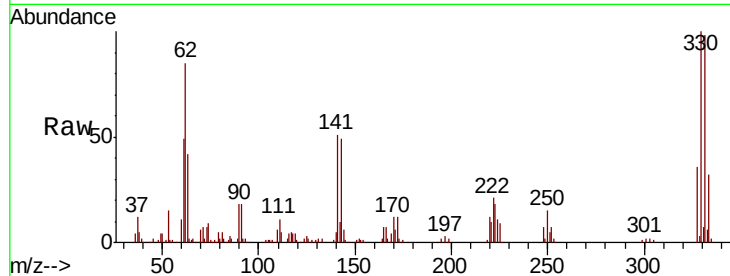




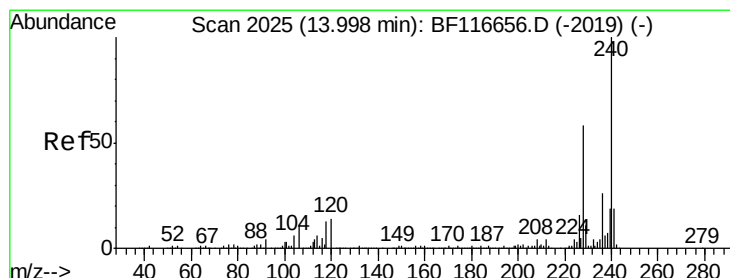
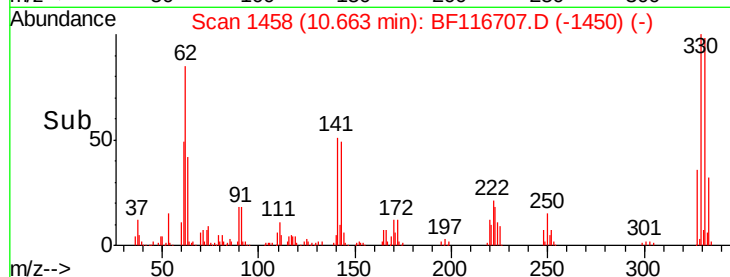
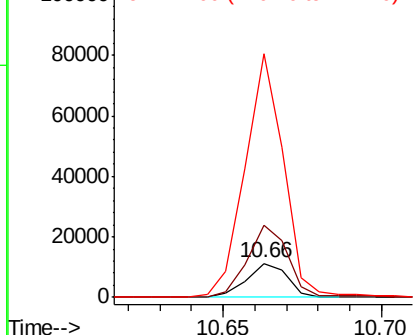
#67
4-Bromophenyl-phenylether
Concen: 2.771 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Instrument :
BNA_F
ClientSampled :
TP9-COMP

Tot Ion:248 Resp: 10032
Ion Ratio Lower Upper
248 100
250 213.0 77.8 116.8#
141 719.6 75.9 113.9#

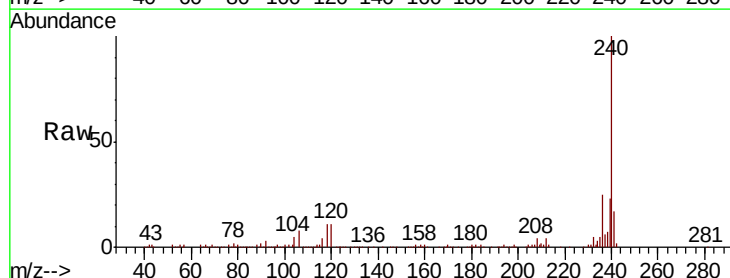


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

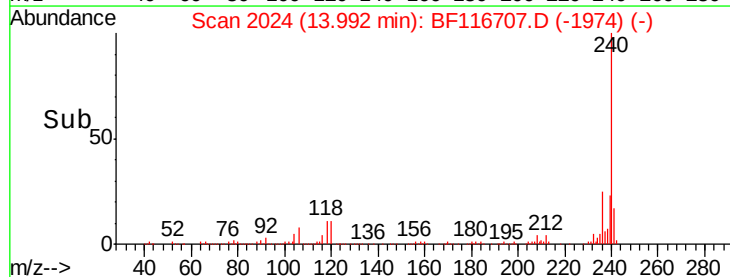
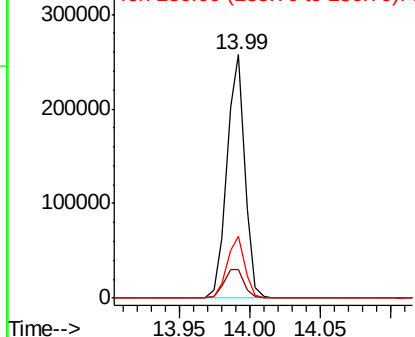


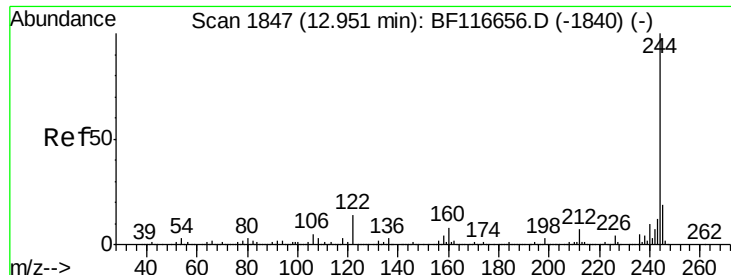
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116707.D
Acq: 31 Aug 2019 18:49

Tgt Ion:240 Resp: 226337
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 25.5 21.1 31.7



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

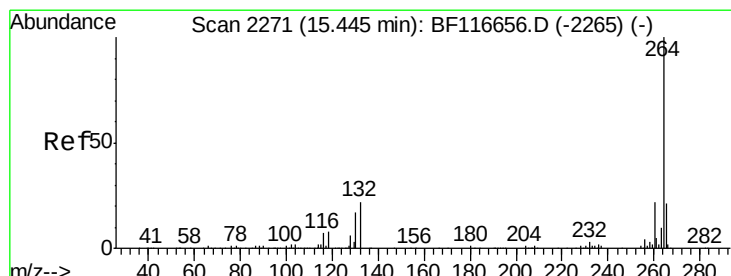
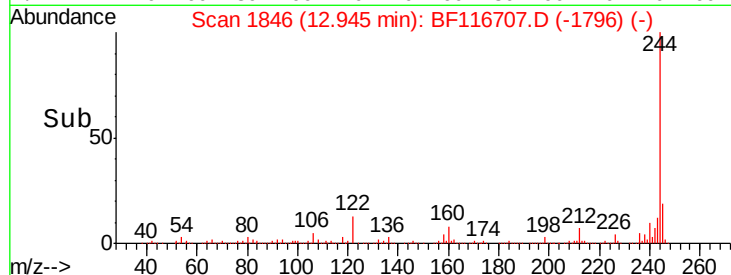
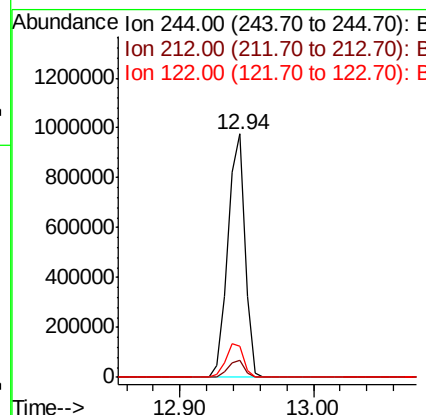
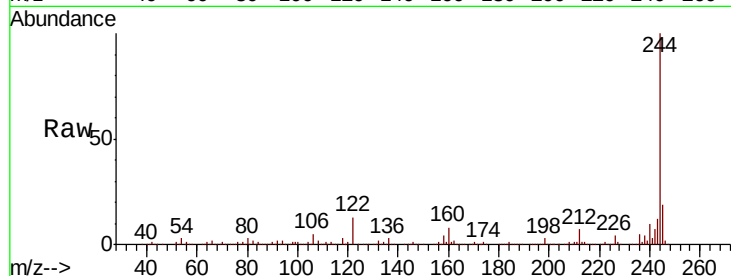




#79
 Terphenyl-d14
 Concen: 72.970 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116707.D
 Acq: 31 Aug 2019 18:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP

Tot Ion:244 Resp: 892779
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.8 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116707.D
 Acq: 31 Aug 2019 18:49

Tgt Ion:264 Resp: 249047
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.2 16.5 24.7

