

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118054.D
 Acq On : 27 Nov 2019 21:23
 Operator : JU
 Sample : K5999-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 00:17:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

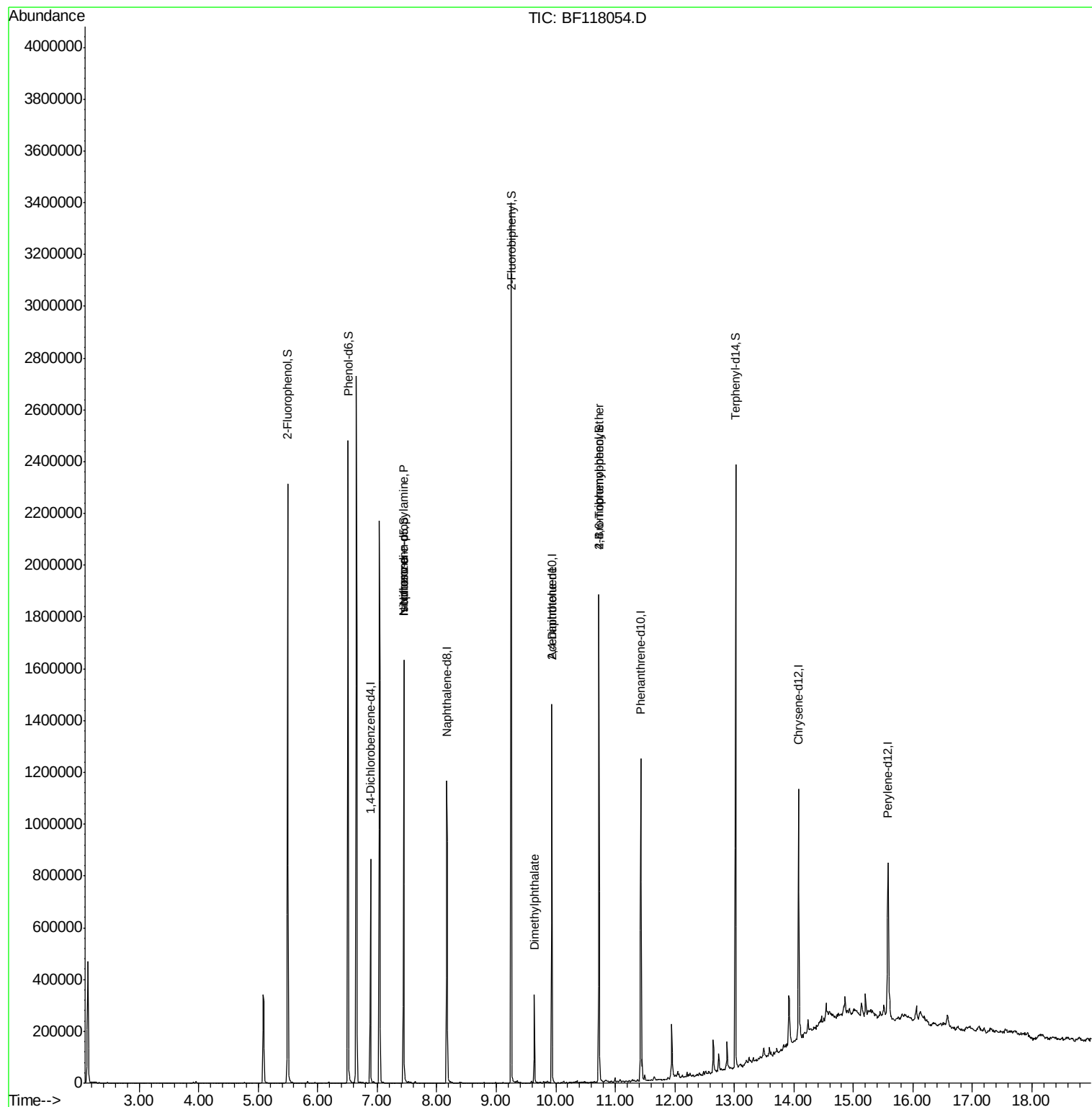
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133111	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	520887	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	263738	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	417746	20.00	ng	0.00
76) Chrysene-d12	14.08	240	290456	20.00	ng	0.00
87) Perylene-d12	15.58	264	288459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	622616	82.80	ng	0.00
7) Phenol-d6	6.51	99	775838	85.54	ng	-0.01
23) Nitrobenzene-d5	7.45	82	466178	53.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	219671	78.67	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	934435	63.56	ng	-0.01
79) Terphenyl-d14	13.02	244	829995	52.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1367	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	63070	11.271 ng	#	73
25) Isophorone	7.45	82	466173	29.027 ng	#	62
50) Dimethylphthalate	9.65	163	144870	7.833 ng	#	97
57) 2,4-Dinitrotoluene	9.93	165	33337	6.484 ng	#	24
67) 4-Bromophenyl-phenylether	10.73	248	14170	3.144 ng	#	1
75) Fluoranthene	12.65	202	43001	Below Cal		99

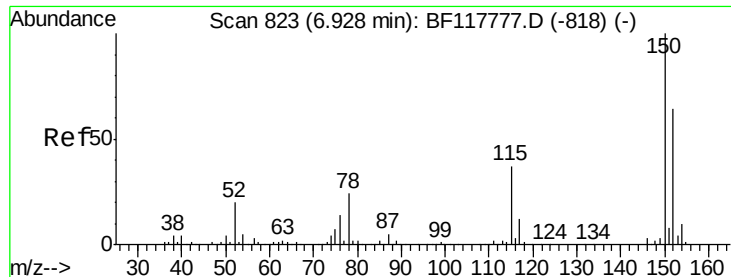
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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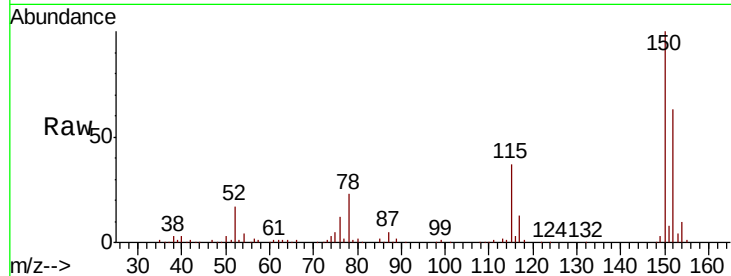


#1

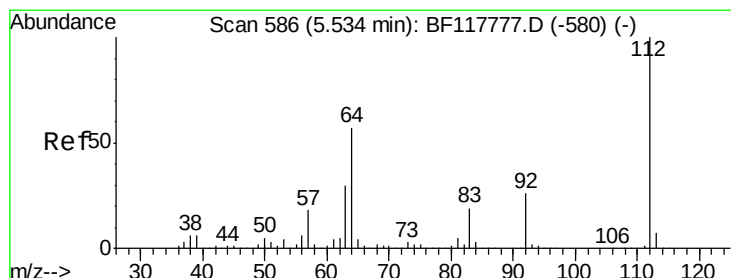
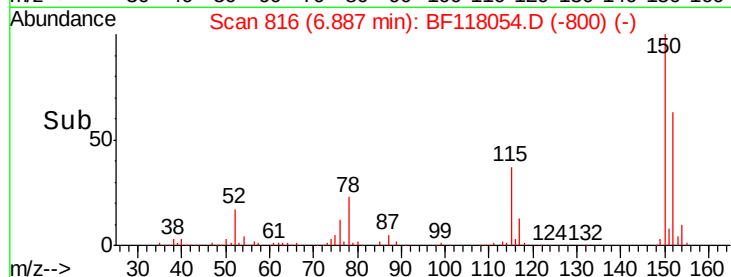
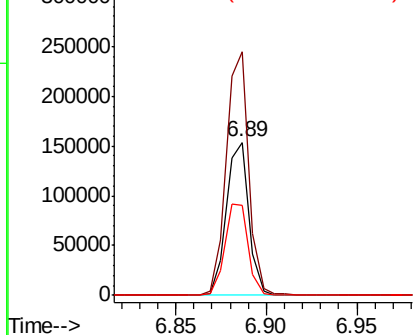
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118054.D
Acq: 27 Nov 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133111
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 58.9 47.0 70.4



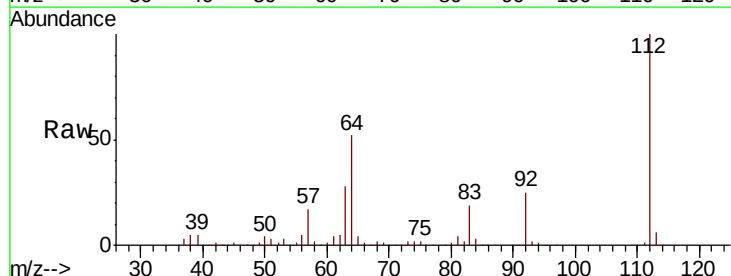
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



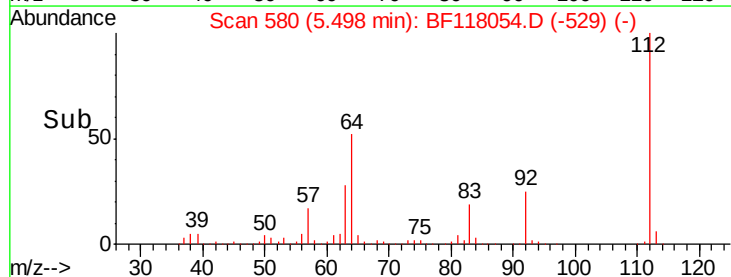
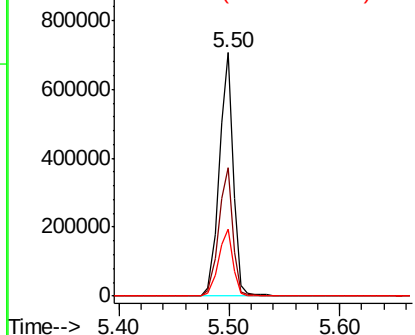
#5

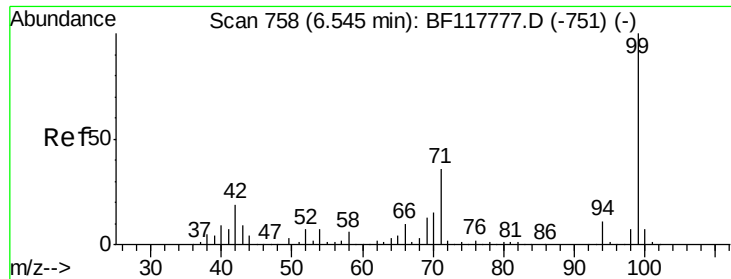
2-Fluorophenol
Concen: 82.795 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118054.D
Acq: 27 Nov 2019 21:23

Tgt Ion:112 Resp: 622616
Ion Ratio Lower Upper
112 100
64 52.5 45.6 68.4
63 27.7 24.1 36.1



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: 85.536 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Instrument :

BNA_F

ClientSampleId :

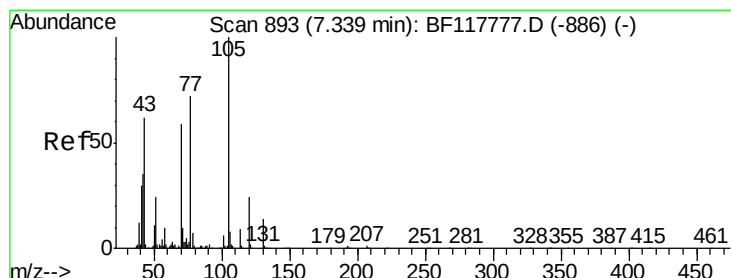
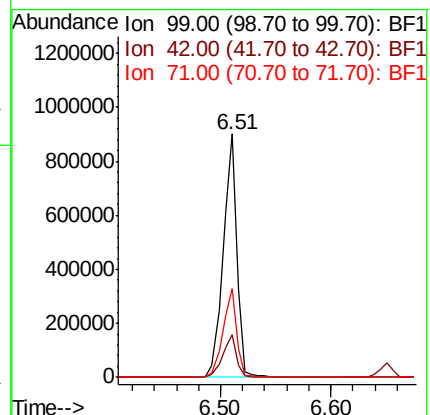
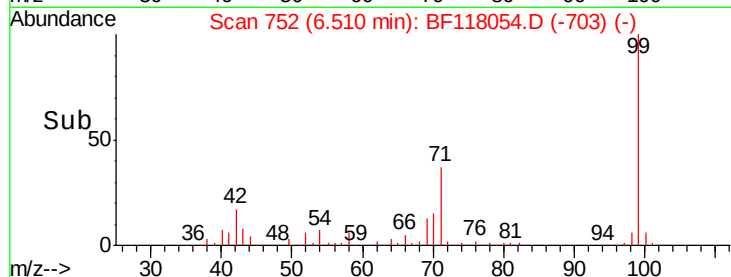
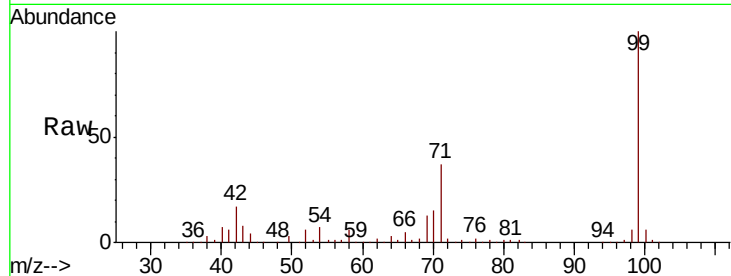
Tot Ion: 99 Resp: 775838

Ion Ratio Lower Upper

99 100

42 17.5 14.9 22.3

71 36.6 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.271 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Tgt Ion: 70 Resp: 63070

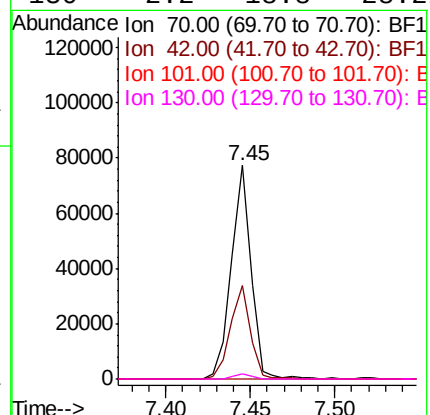
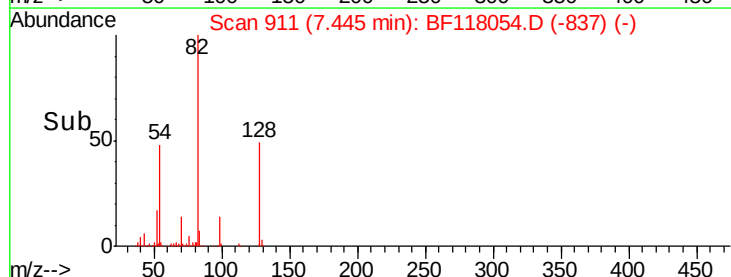
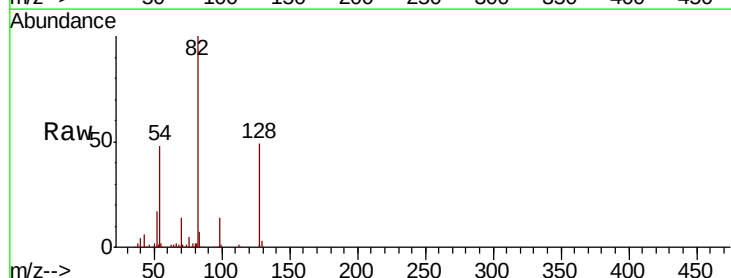
Ion Ratio Lower Upper

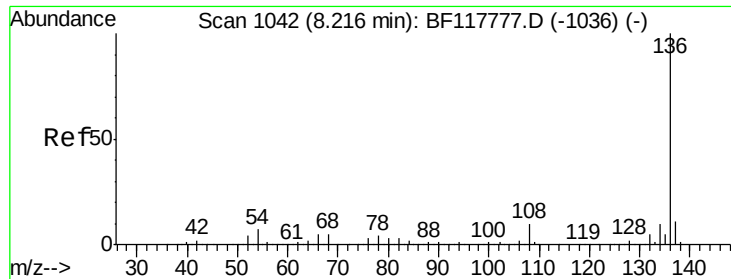
70 100

42 43.6 47.4 71.2#

101 0.0 8.4 12.6#

130 2.2 18.8 28.2#

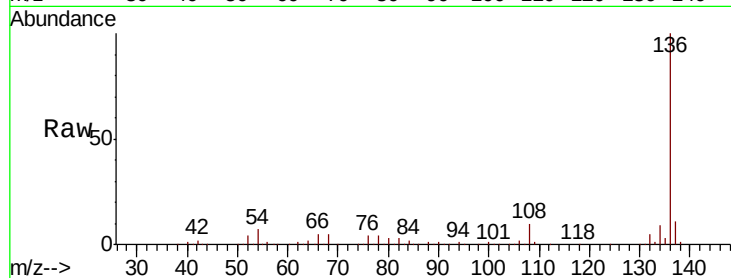




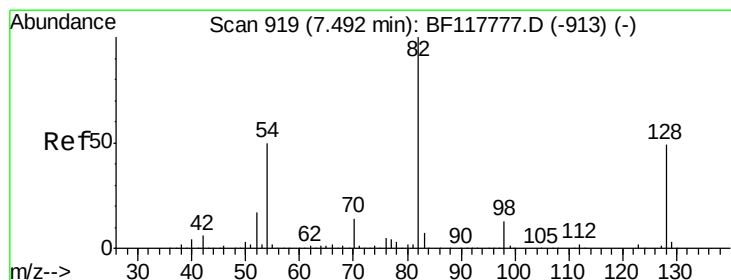
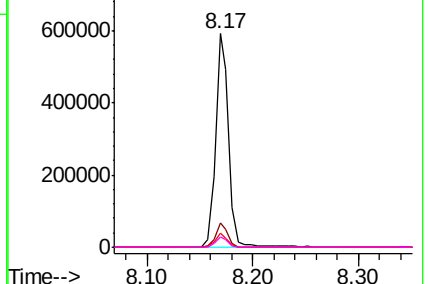
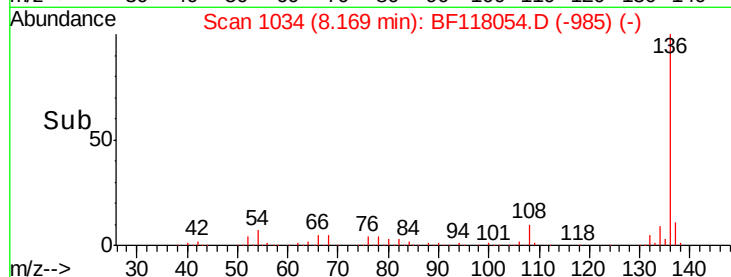
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118054.D
Acq: 27 Nov 2019 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	520887
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	6.7	5.4 8.2
68	4.9	4.3 6.5

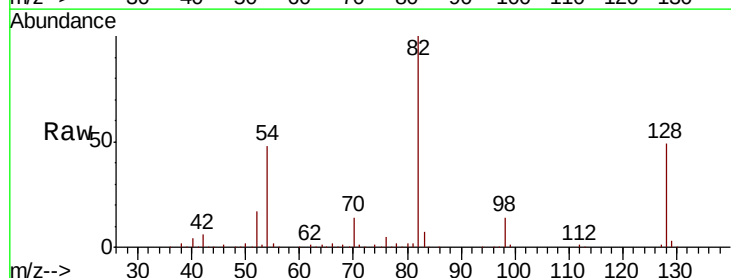


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

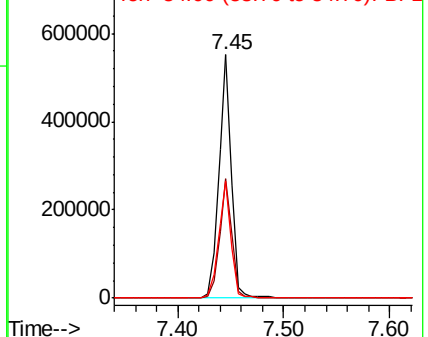
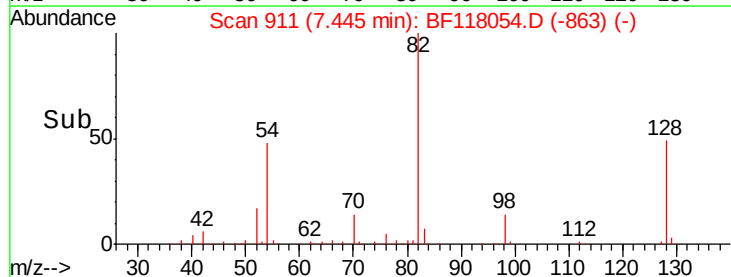


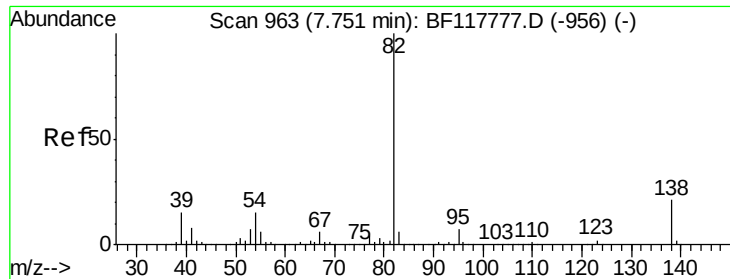
#23
Nitrobenzene-d5
Concen: 53.202 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF118054.D
Acq: 27 Nov 2019 21:23

Tgt Ion: 82	Resp:	466178
Ion Ratio	Lower	Upper
82	100	
128	49.3	38.9 58.3
54	47.8	39.8 59.6



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

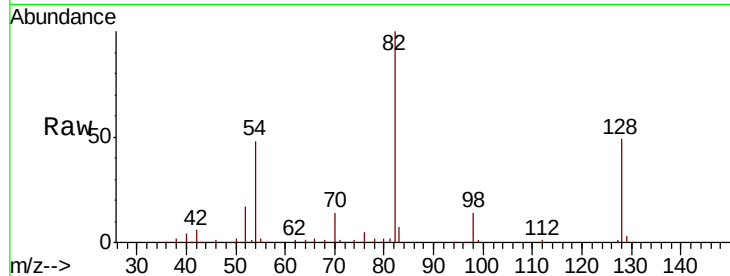




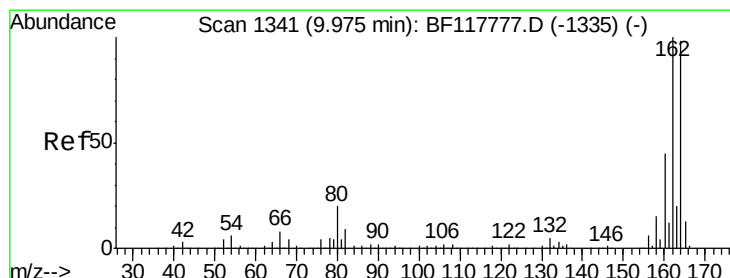
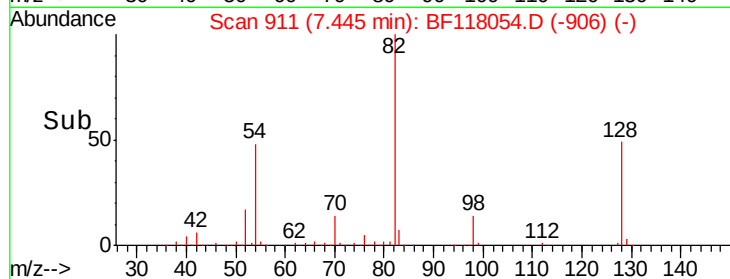
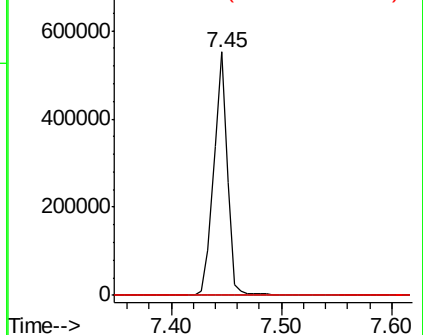
#25
Isophorone
Concen: 29.027 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118054.D
Acq: 27 Nov 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 466173
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#

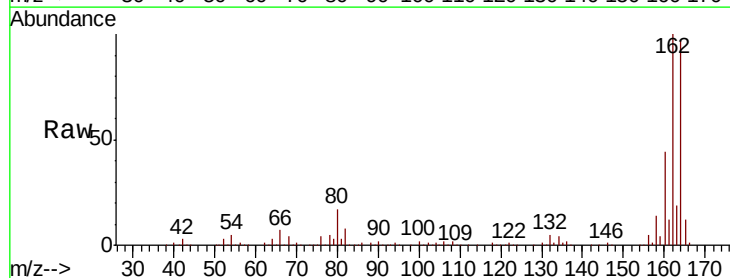


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

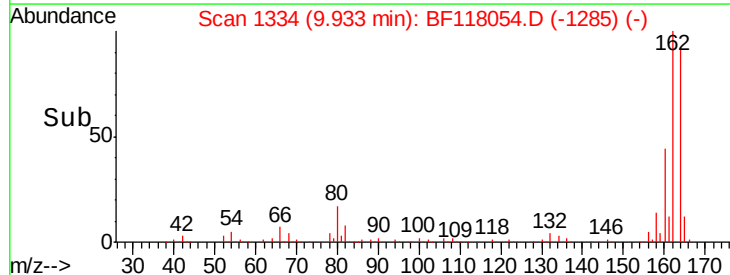
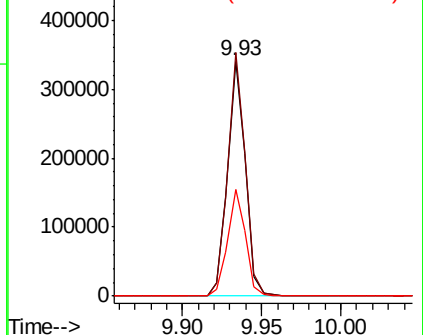


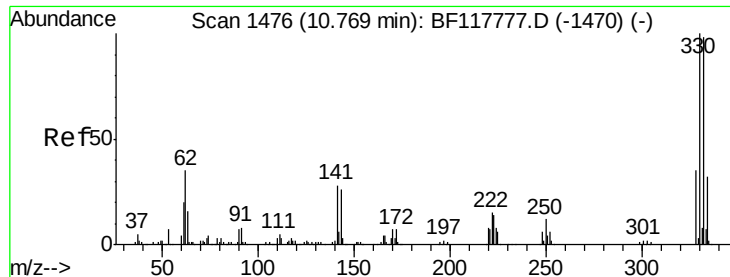
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118054.D
Acq: 27 Nov 2019 21:23

Tgt Ion: 164 Resp: 263738
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 45.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 78.674 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Instrument :

BNA_F

ClientSampleId :

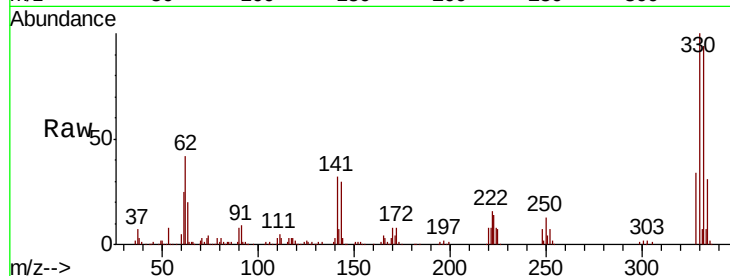
Tot Ion:330 Resp: 219671

Ion Ratio Lower Upper

330 100

332 95.1 76.7 115.1

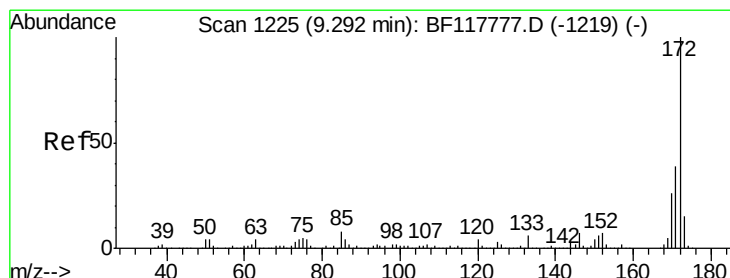
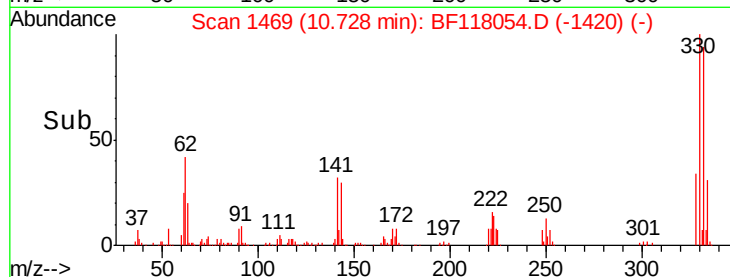
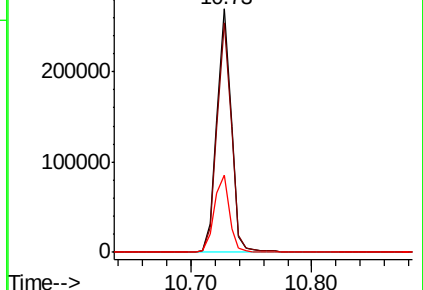
141 33.3 27.7 41.5



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: 63.563 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

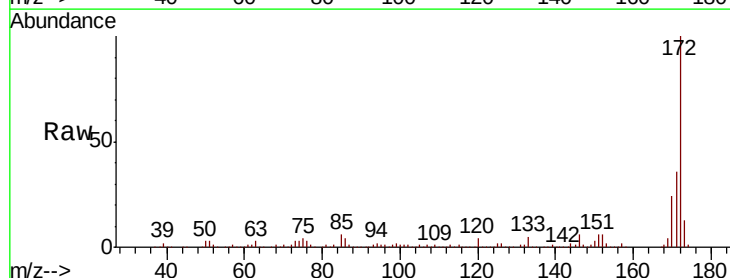
Tgt Ion:172 Resp: 934435

Ion Ratio Lower Upper

172 100

171 36.1 30.9 46.3

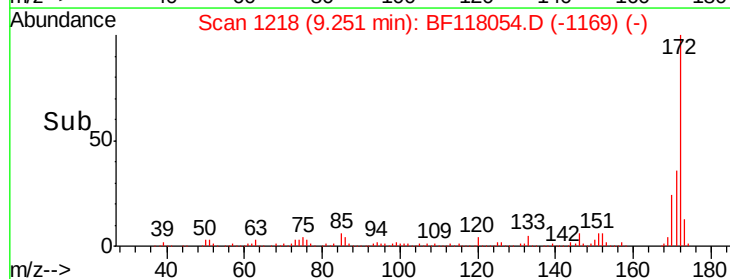
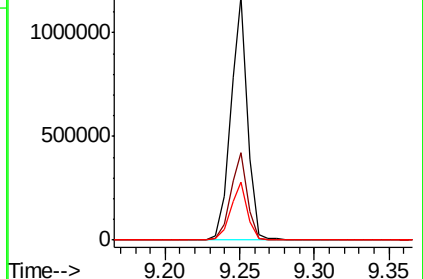
170 23.6 21.0 31.4

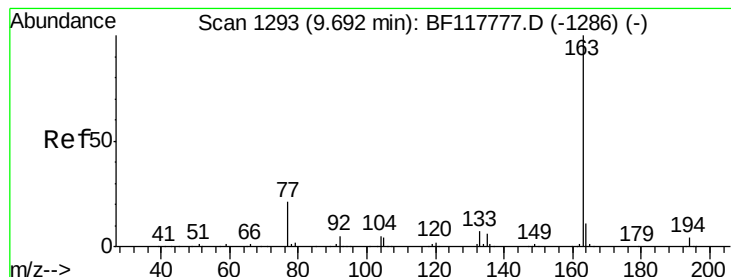


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.833 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Instrument :

BNA_F

ClientSampleId :

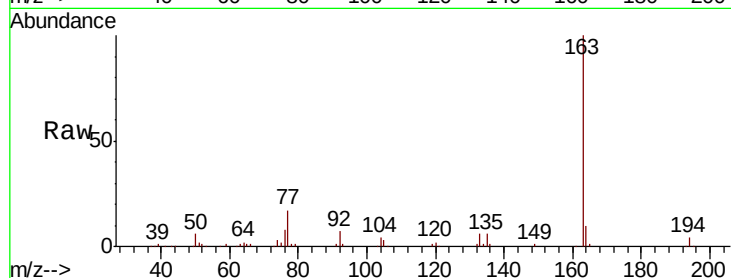
Tot Ion:163 Resp: 144870

Ion Ratio Lower Upper

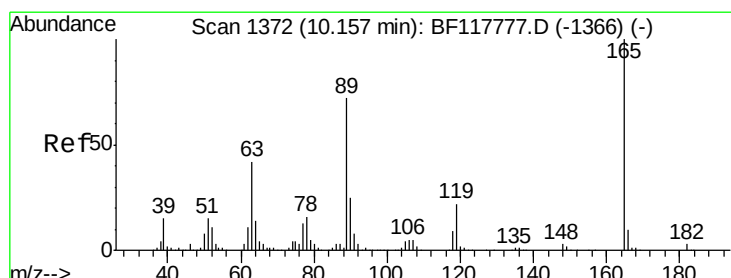
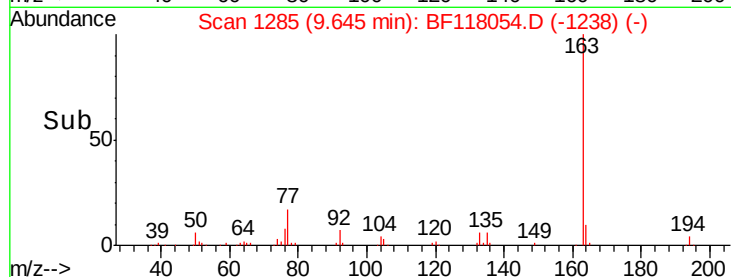
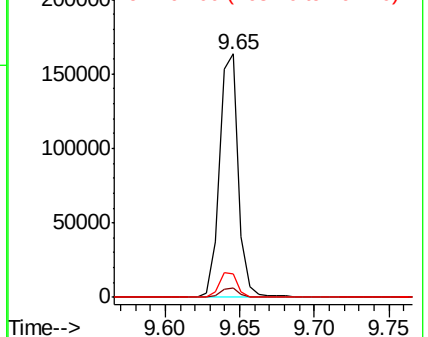
163 100

194 4.1 3.3 4.9

164 9.5 8.7 13.1



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: 6.484 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.20 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Tgt Ion:165 Resp: 33337

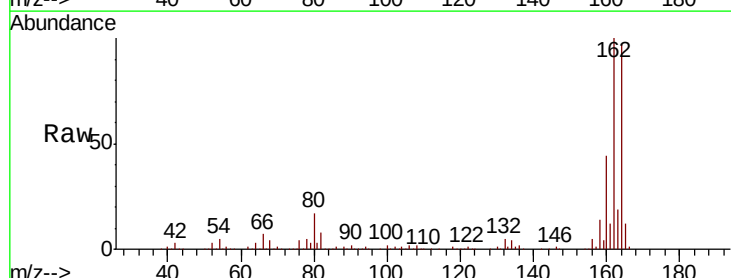
Ion Ratio Lower Upper

165 100

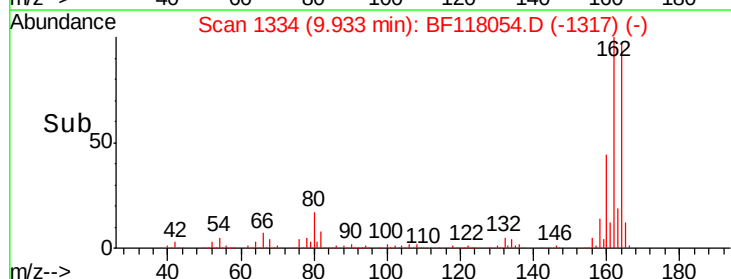
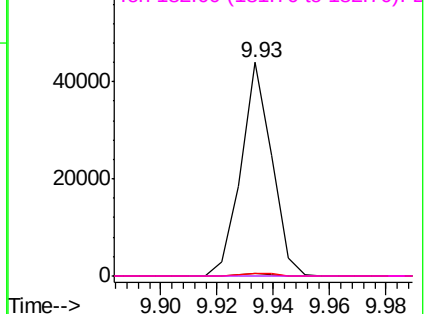
63 1.2 33.7 50.5#

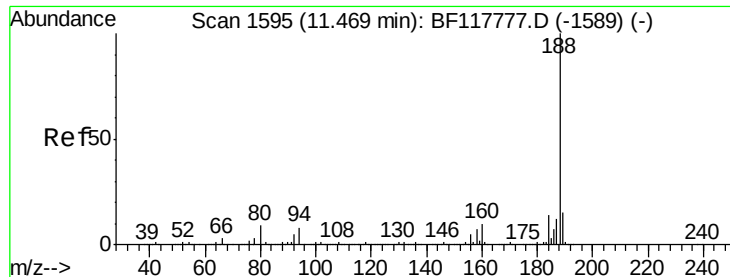
89 1.3 57.3 85.9#

182 0.0 2.3 3.5#



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: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Instrument :

BNA_F

ClientSampleId :

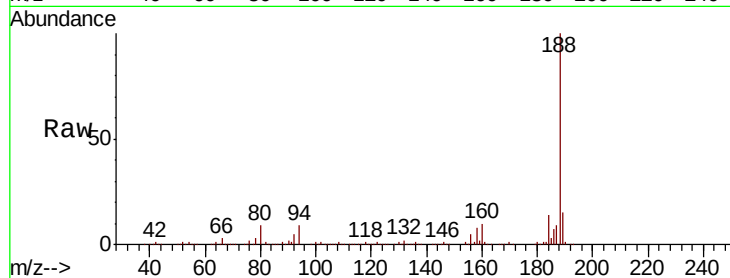
Tot Ion:188 Resp: 417746

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

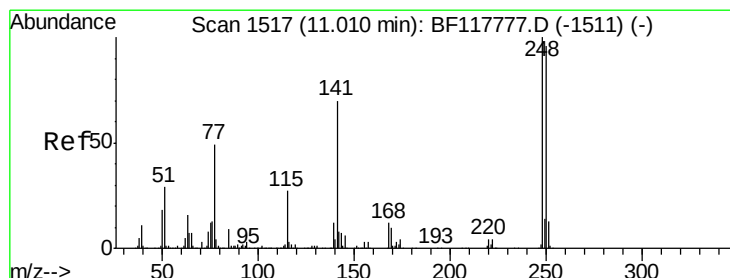
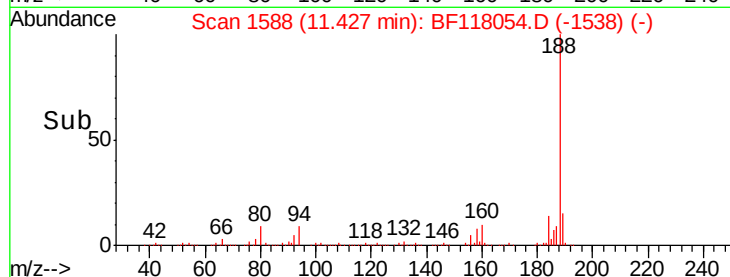
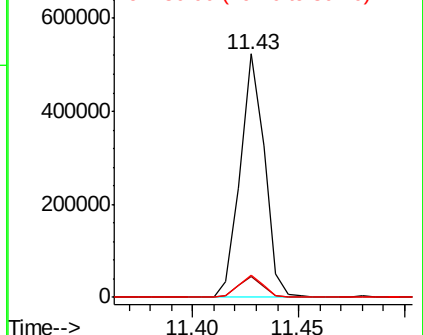
80 8.9 7.2 10.8



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: 3.144 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.25 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

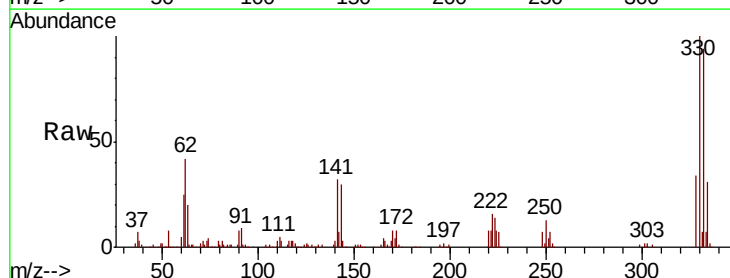
Tgt Ion:248 Resp: 14170

Ion Ratio Lower Upper

248 100

250 196.3 76.6 115.0#

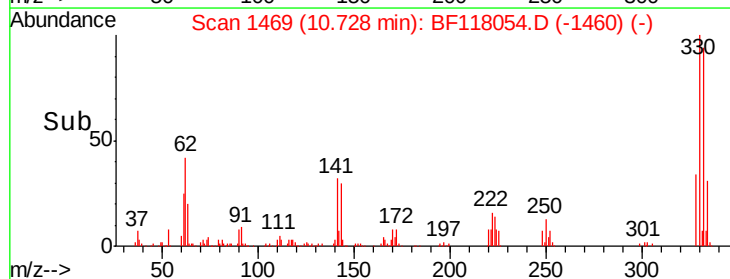
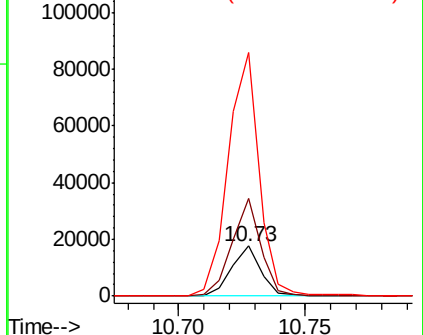
141 486.8 55.9 83.9#

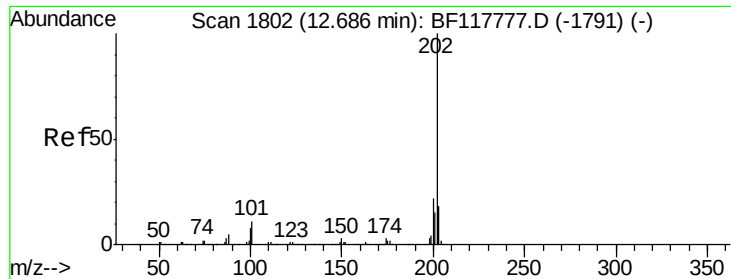


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF118054.D

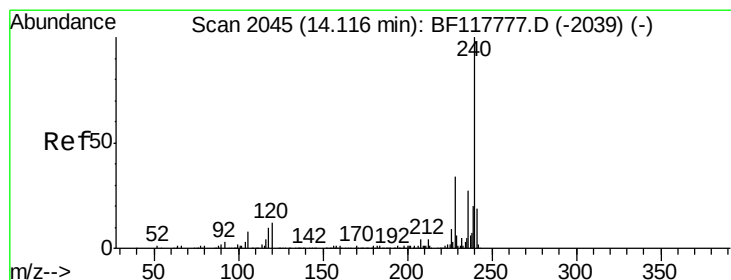
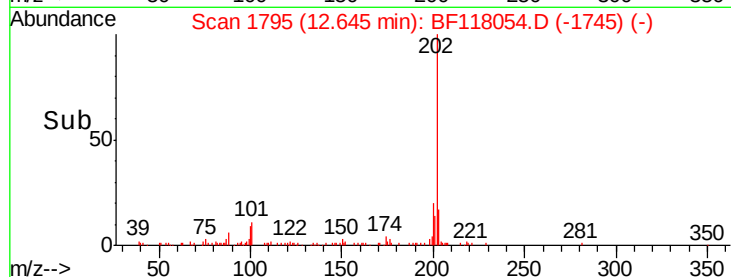
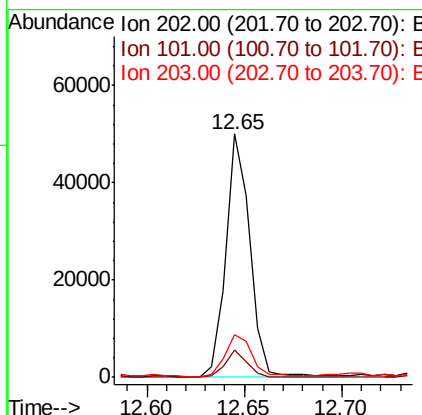
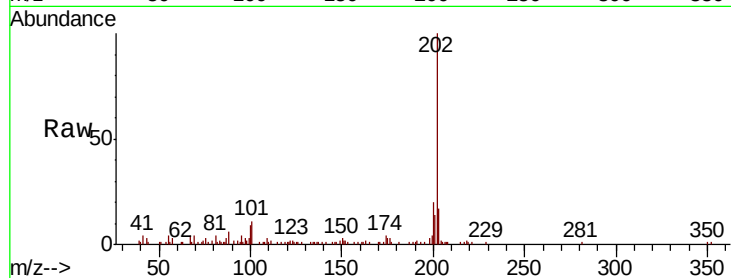
Acq: 27 Nov 2019 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	43001
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	17.5	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

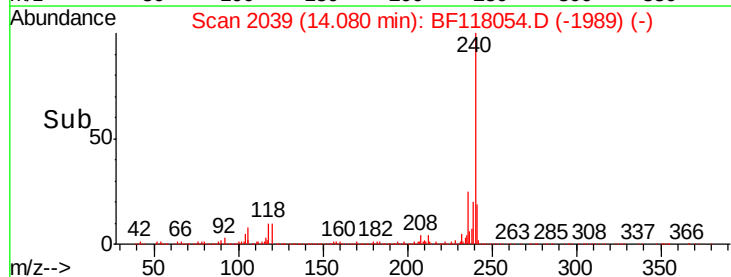
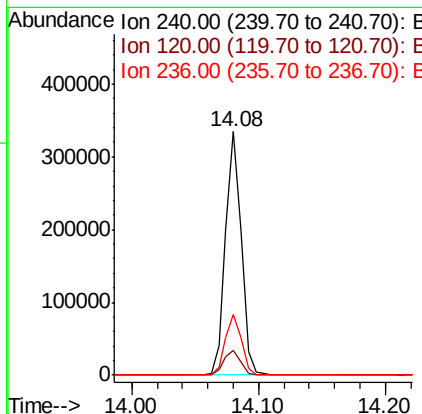
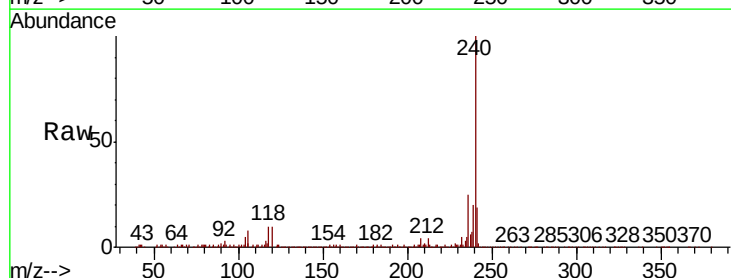
RT: 14.08 min Scan# 2039

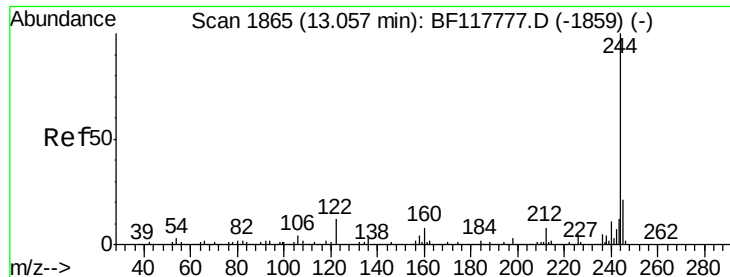
Delta R.T. -0.01 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Tgt Ion:	240	Resp:	290456
Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	24.9	21.3	31.9





#79

Terphenyl-d14

Concen: 52.225 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

Instrument :

BNA_F

ClientSampleId :

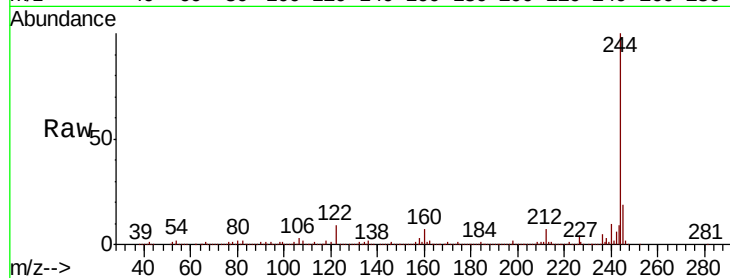
Tot Ion:244 Resp: 829995

Ion Ratio Lower Upper

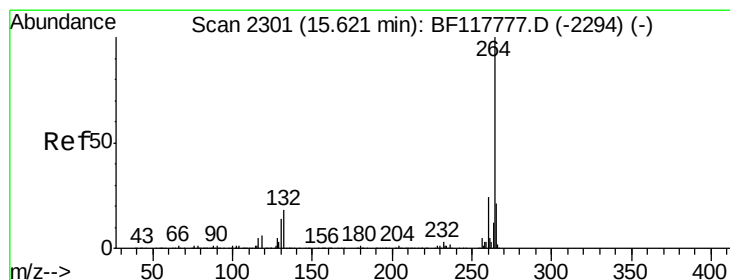
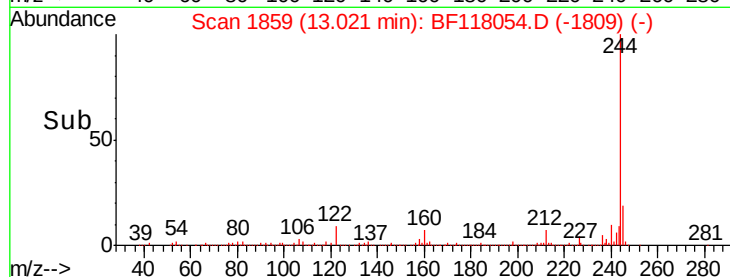
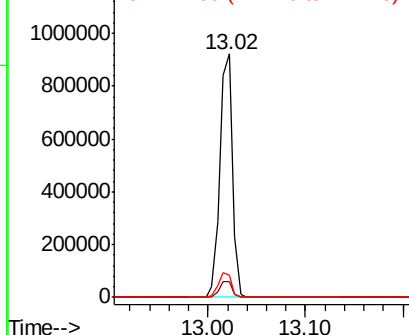
244 100

212 6.6 6.3 9.5

122 8.9 9.4 14.2#



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: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BF118054.D

Acq: 27 Nov 2019 21:23

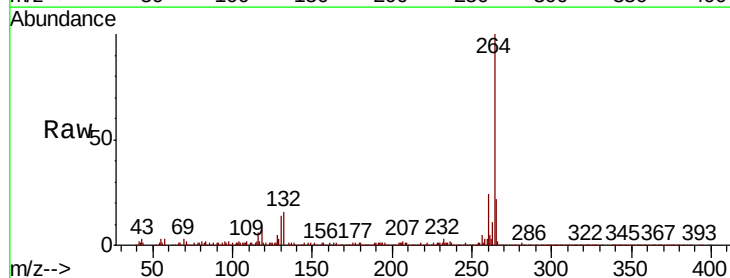
Tgt Ion:264 Resp: 288459

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.6 17.1 25.7



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

