

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121175.D
 Acq On : 3 Aug 2020 14:24
 Operator : JU/CG
 Sample : L3535-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-SB-0203

Quant Time: Aug 03 15:43:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

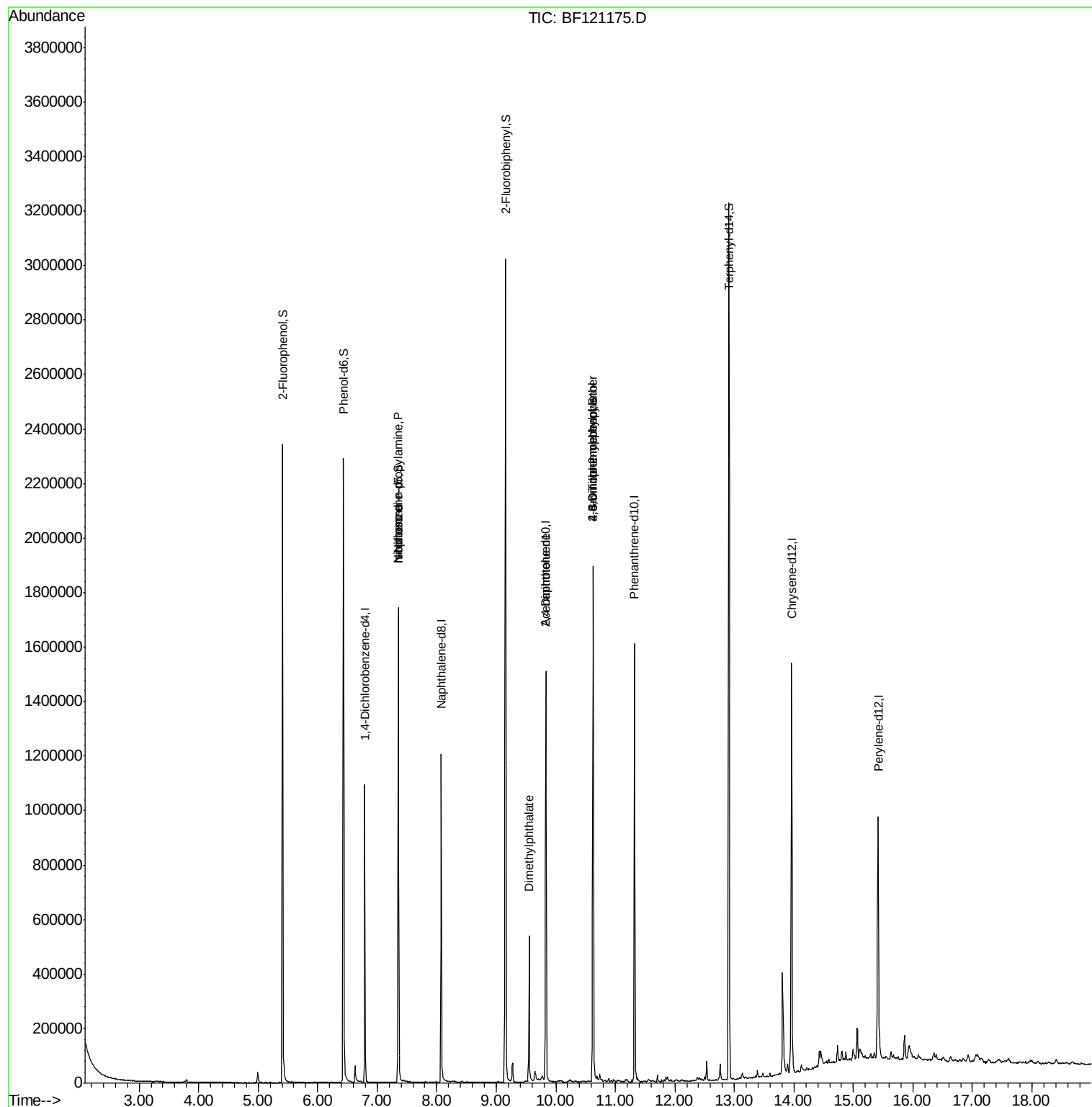
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153627	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	595302	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	309288	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	599970	20.00	ng	0.00
76) Chrysene-d12	13.96	240	488192	20.00	ng	0.00
86) Perylene-d12	15.42	264	433387	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	714382	76.23	ng	0.00
7) Phenol-d6	6.43	99	878414	72.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	569561	55.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	275828	81.47	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1044670	50.43	ng	0.00
79) Terphenyl-d14	12.91	244	1103664	49.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1213	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	74367	10.804	ng	# 77
25) Isophorone	7.36	82	561262	27.335	ng	# 62
50) Dimethylphthalate	9.55	163	215047	9.638	ng	100
57) 2,4-Dinitrotoluene	9.83	165	40145	6.377	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	355	3.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	15624	2.336	ng	# 1

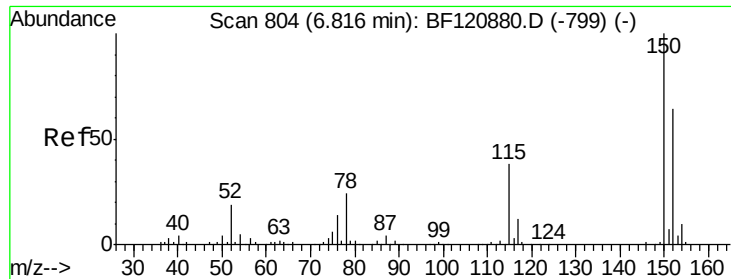
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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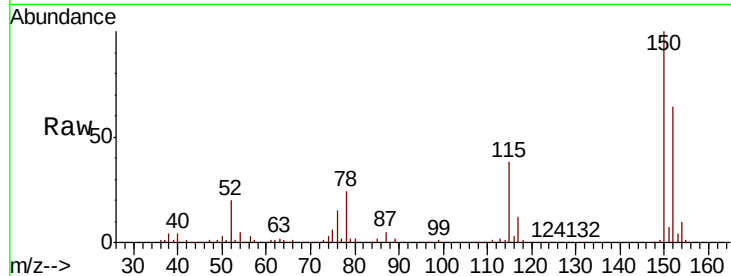


#1

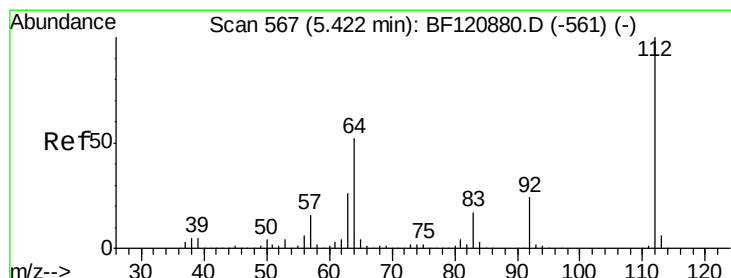
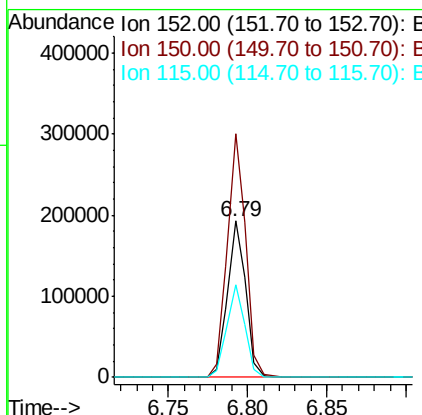
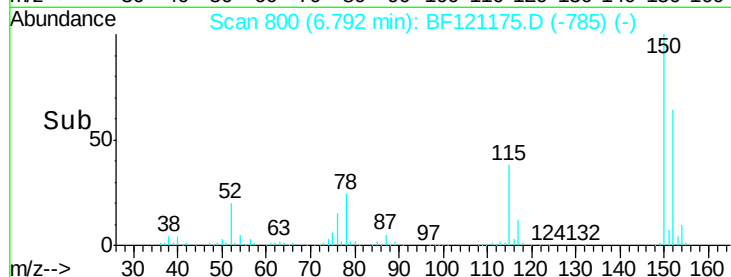
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-SB-0203

Tot Ion:152 Resp: 153627
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.6 188.4
 115 59.7 46.2 69.2



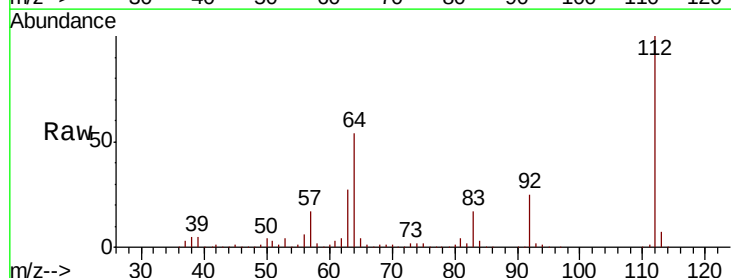
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



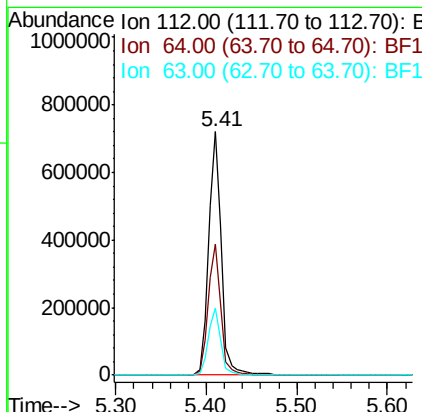
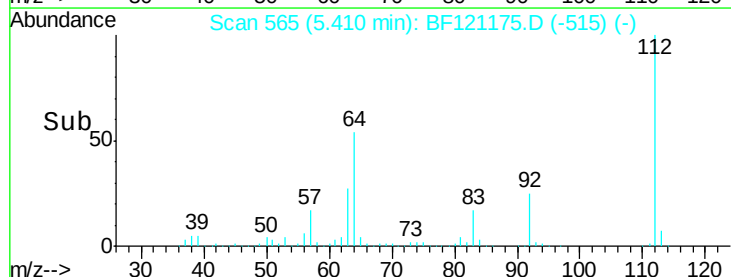
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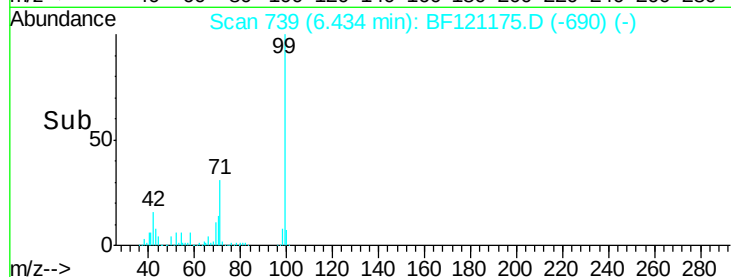
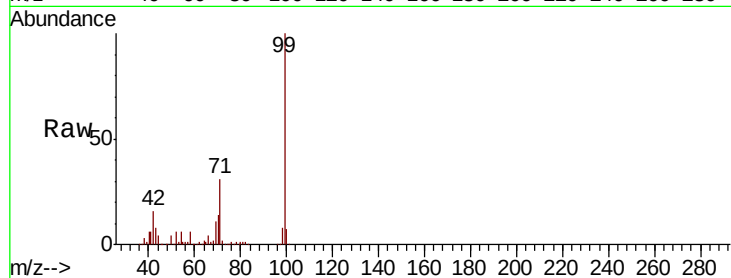
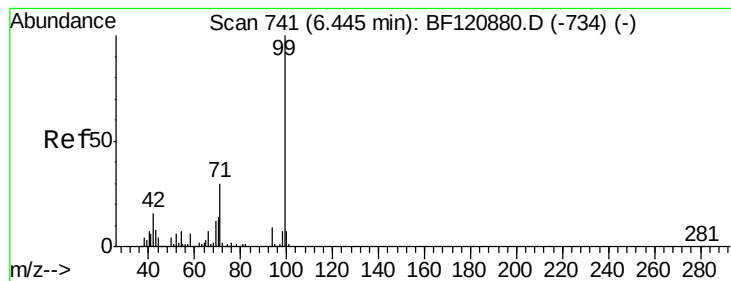
2-Fluorophenol
 Concen: 76.232 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Tgt Ion:112 Resp: 714382
 Ion Ratio Lower Upper
 112 100
 64 53.6 43.9 65.9
 63 27.5 22.7 34.1



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: 72.565 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121175.D

Acq: 3 Aug 2020 14:24

Instrument :

BNA_F

ClientSampleId :

JTY1-SB-0203

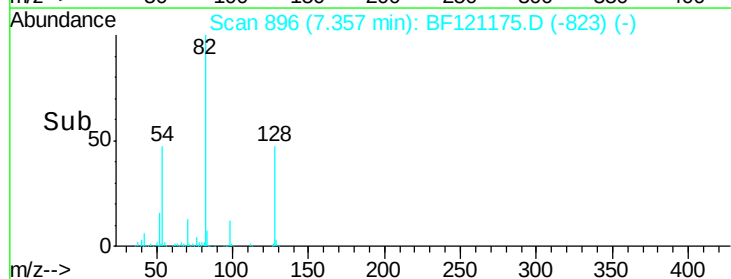
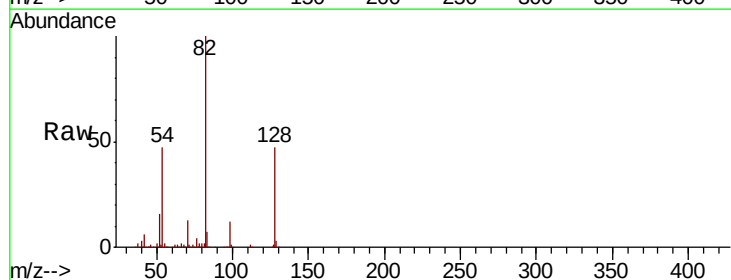
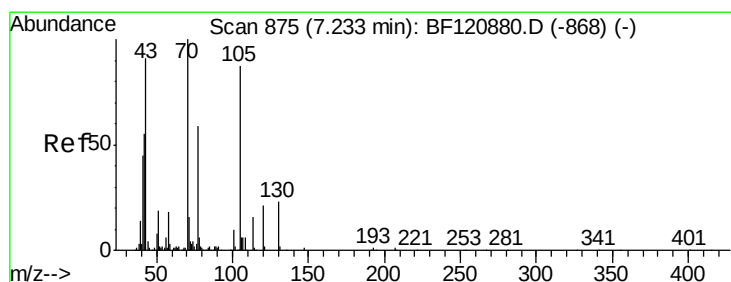
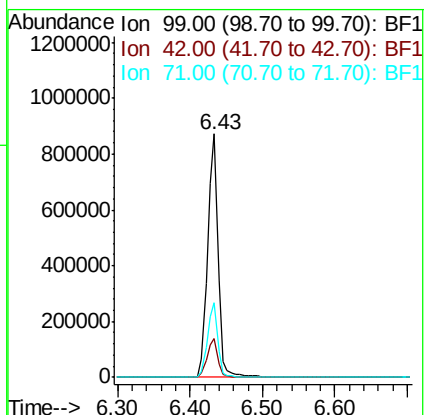
Tot Ion: 99 Resp: 878414

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 30.7 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.804 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121175.D

Acq: 3 Aug 2020 14:24

Tgt Ion: 70 Resp: 74367

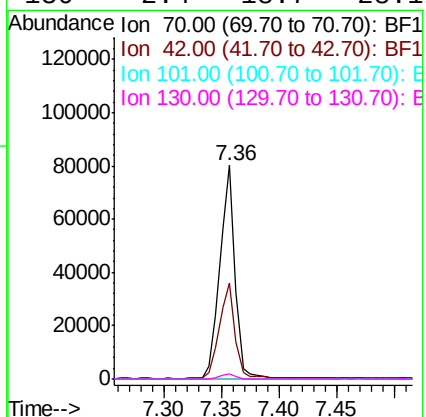
Ion Ratio Lower Upper

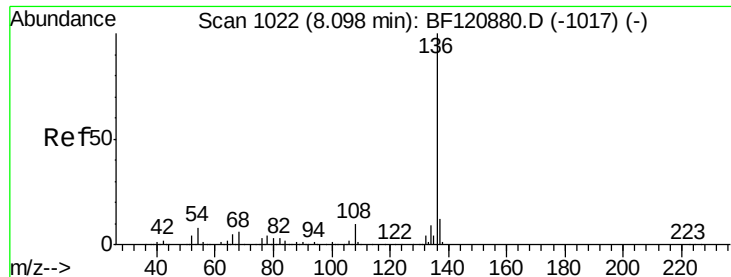
70 100

42 44.8 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#

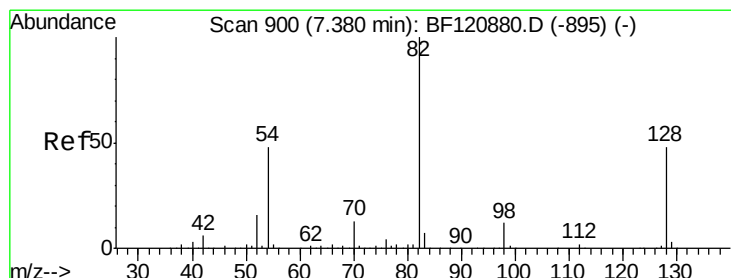
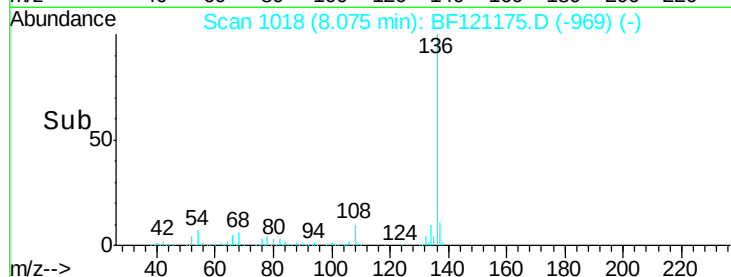
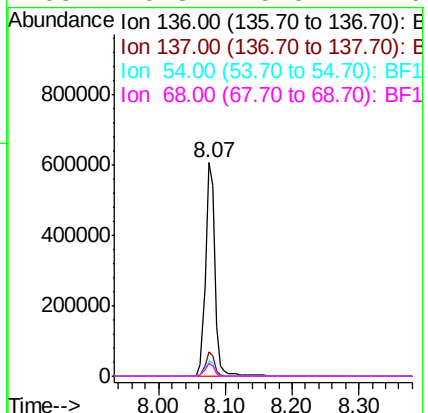
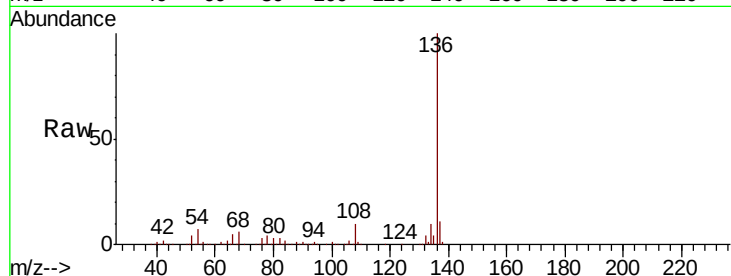




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121175.D
Acq: 3 Aug 2020 14:24

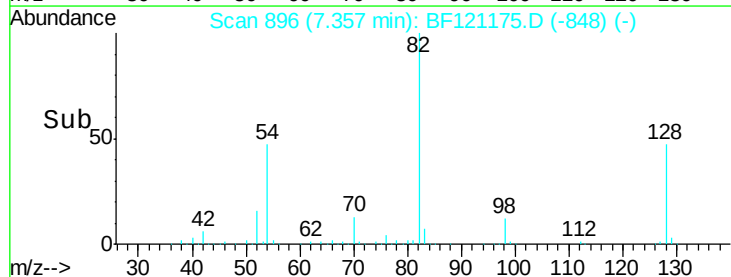
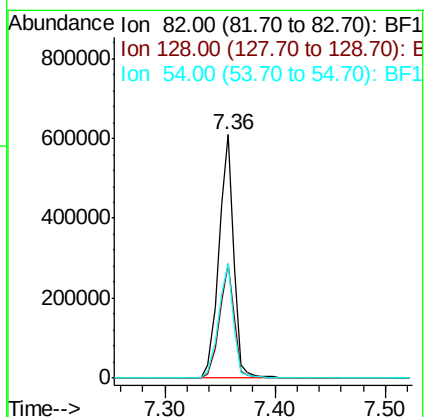
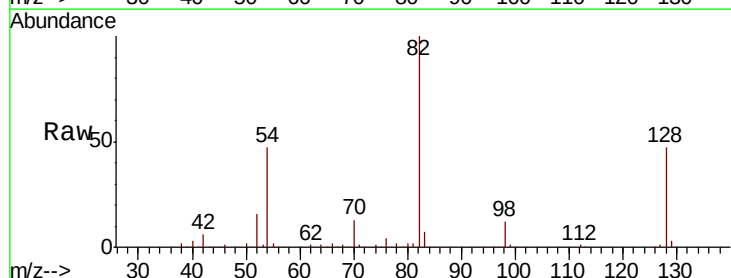
Instrument :
BNA_F
ClientSampleId :
JTY1-SB-0203

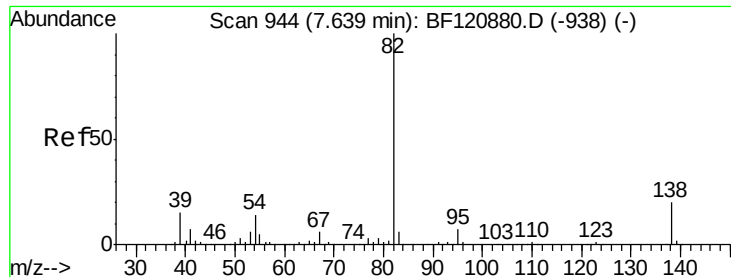
Tot Ion:136	Resp:	595302
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.4
54	7.5	6.1 9.1
68	6.3	5.0 7.6



#23
Nitrobenzene-d5
Concen: 55.361 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121175.D
Acq: 3 Aug 2020 14:24

Tgt Ion: 82	Resp:	569561
Ion	Ratio	Lower Upper
82	100	
128	47.0	39.2 58.8
54	47.0	37.8 56.8





#25

Isophorone

Concen: 27.335 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121175.D

Acq: 3 Aug 2020 14:24

Instrument :

BNA_F

ClientSampleId :

JTY1-SB-0203

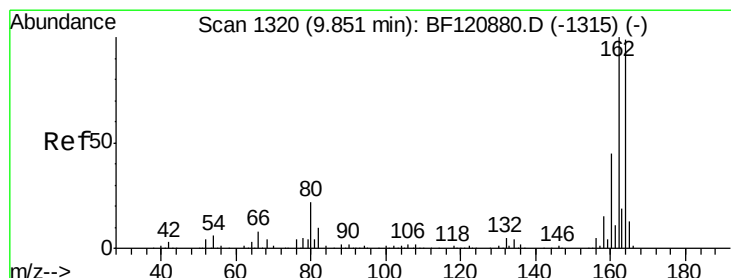
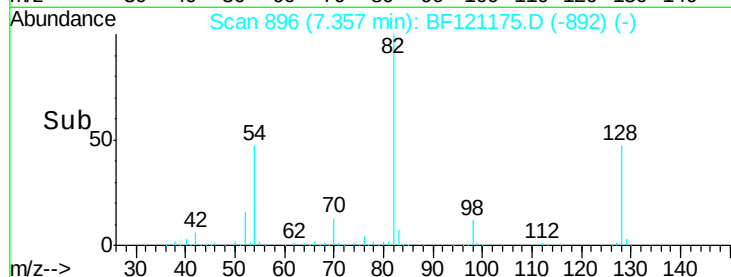
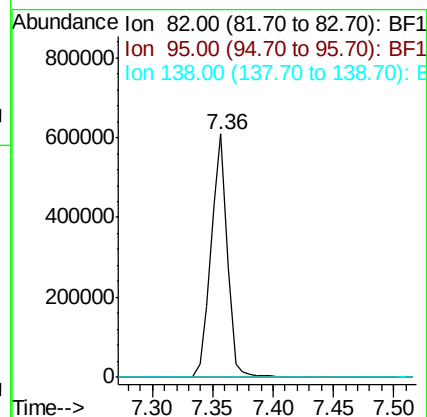
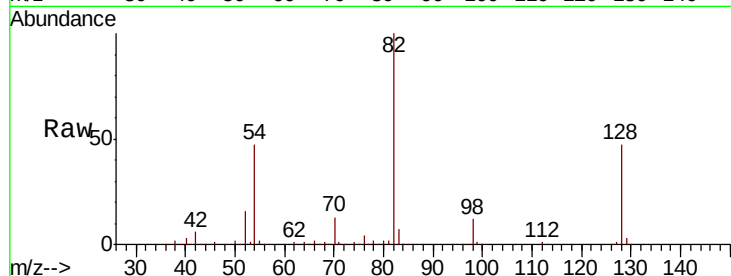
Tot Ion: 82 Resp: 561262

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 16.2 24.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121175.D

Acq: 3 Aug 2020 14:24

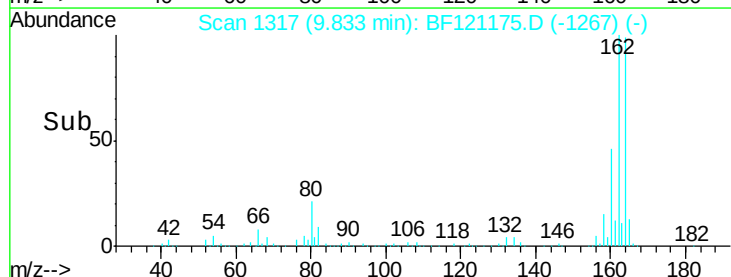
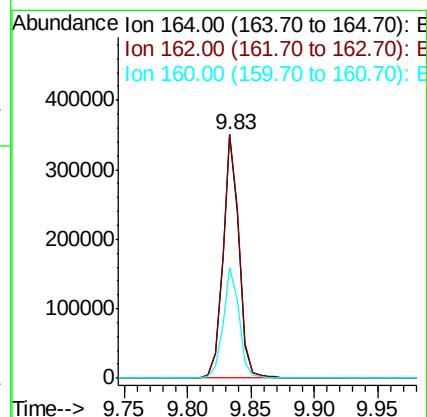
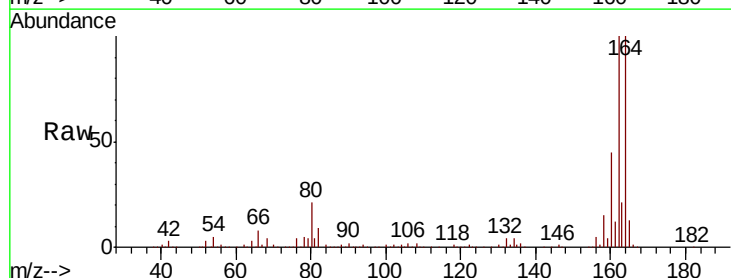
Tgt Ion:164 Resp: 309288

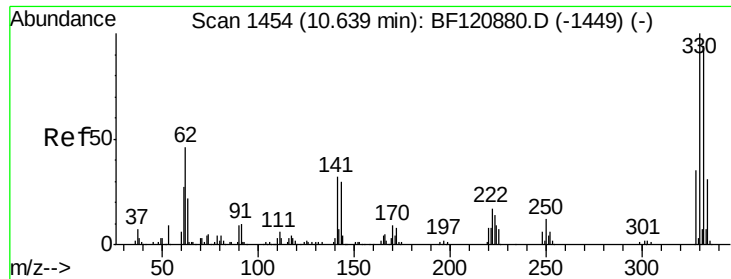
Ion Ratio Lower Upper

164 100

162 99.9 82.2 123.2

160 45.5 37.2 55.8

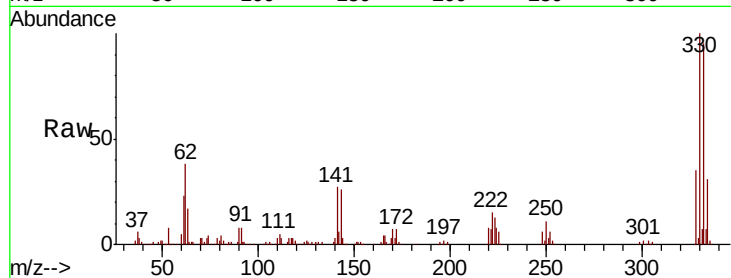




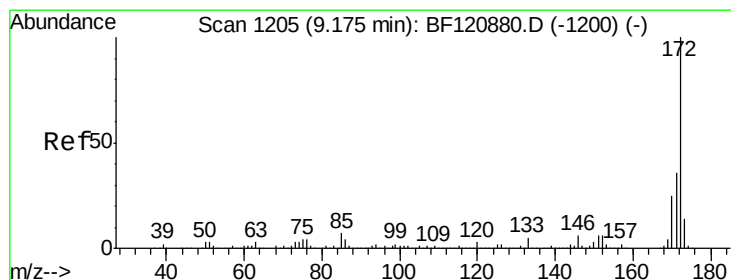
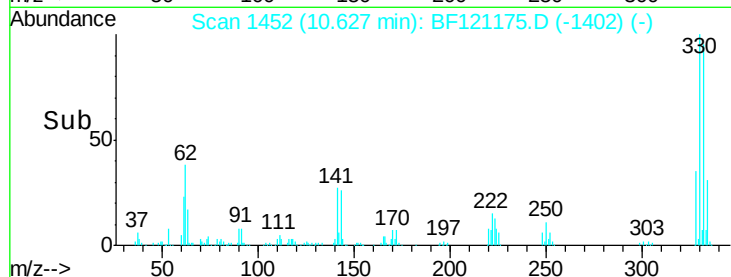
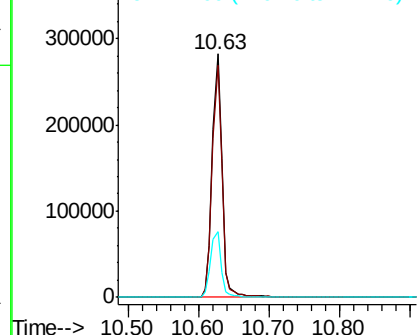
#42
 2,4,6-Tribromophenol
 Concen: 81.474 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-SB-0203

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.1	114.1
141	28.9	24.1	36.1

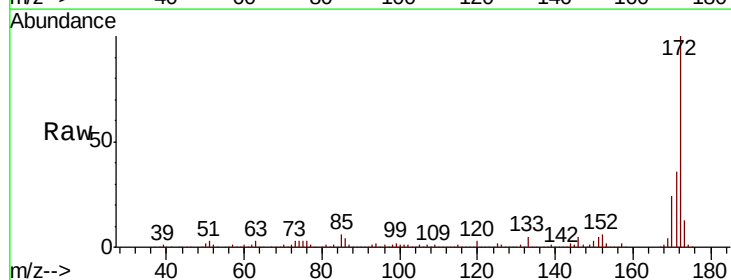


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

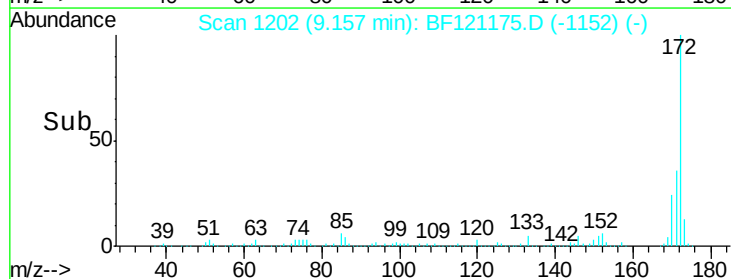
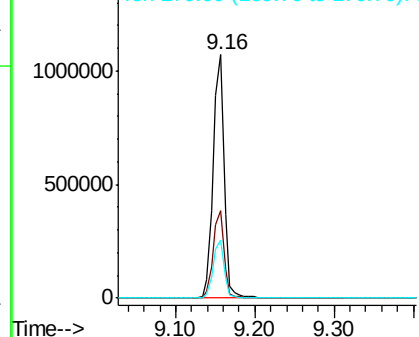


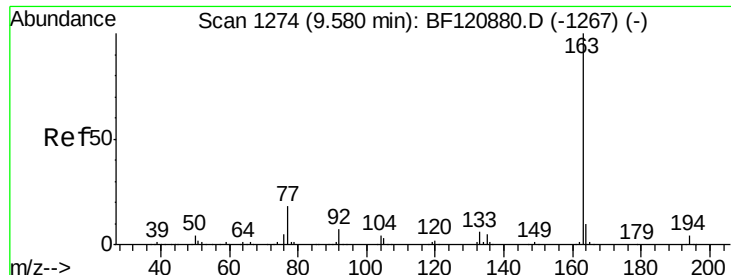
#45
 2-Fluorobiphenyl
 Concen: 50.430 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.9	19.6	29.4



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

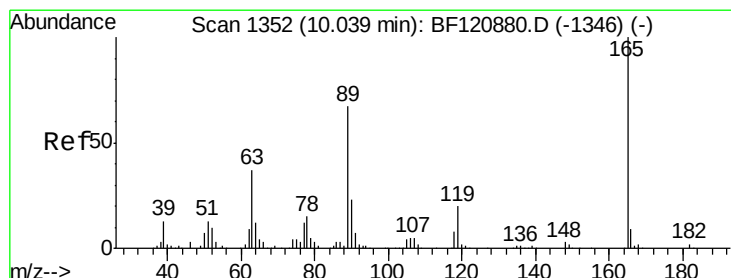
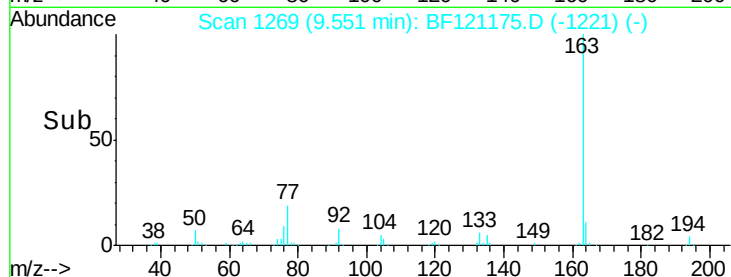
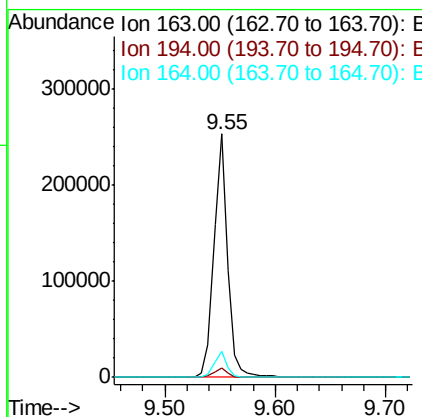
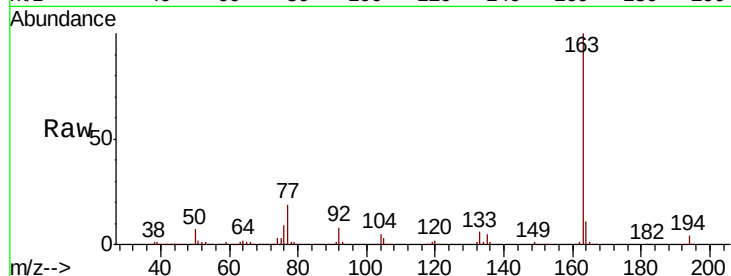




#50
Dimethylphthalate
Concen: 9.638 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121175.D
Acq: 3 Aug 2020 14:24

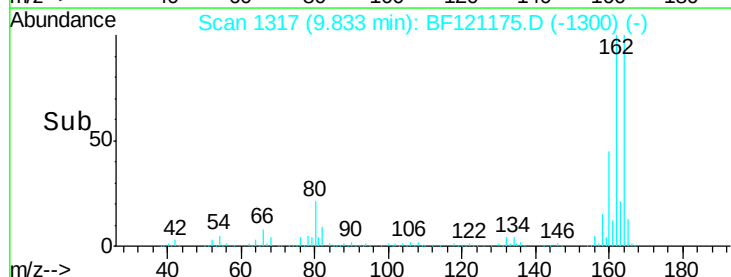
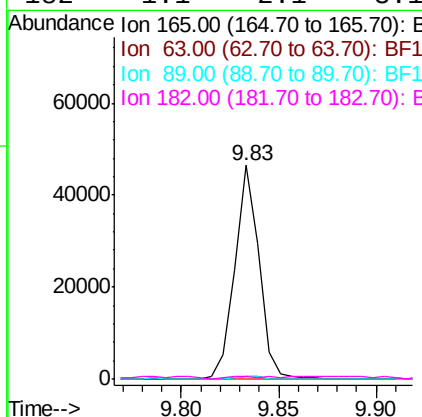
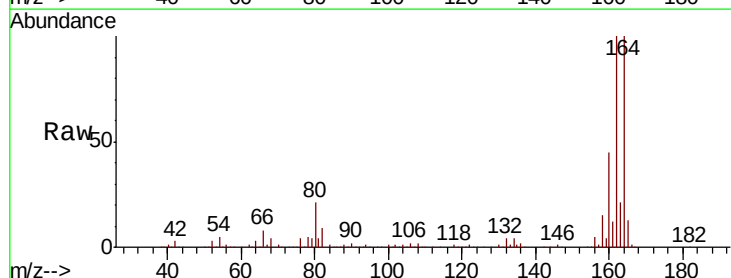
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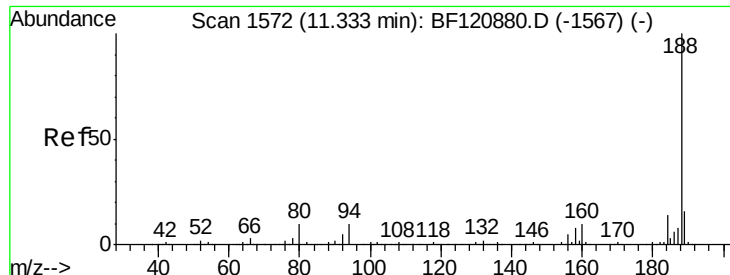
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.6	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 6.377 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121175.D
Acq: 3 Aug 2020 14:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.4	50.3	75.5#
182	1.1	2.1	3.1#

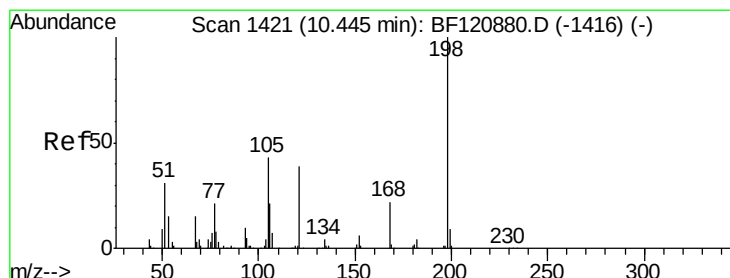
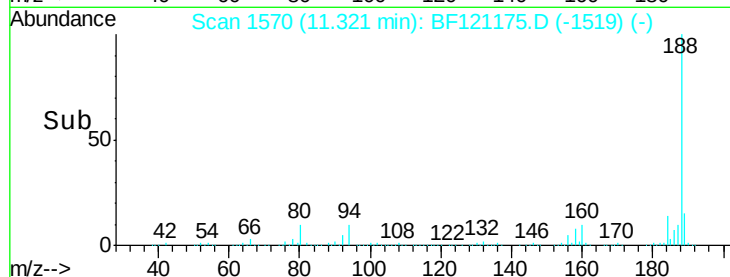
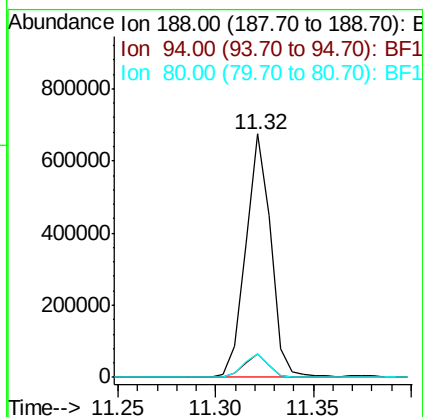
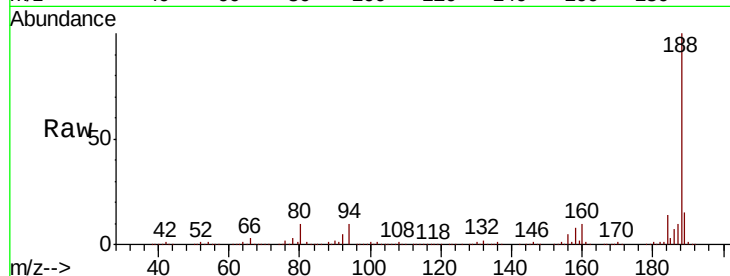




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121175.D
Acq: 3 Aug 2020 14:24

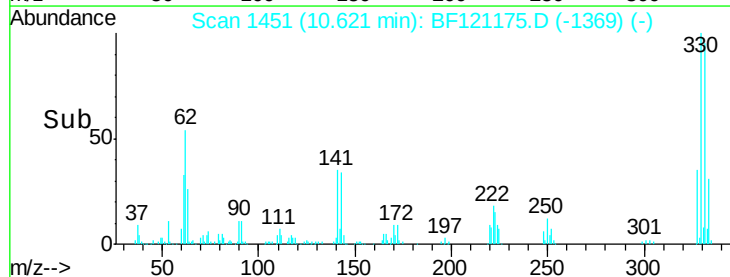
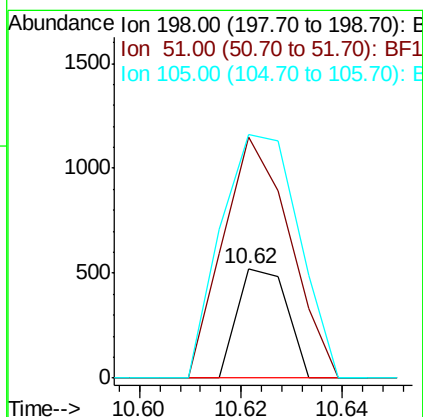
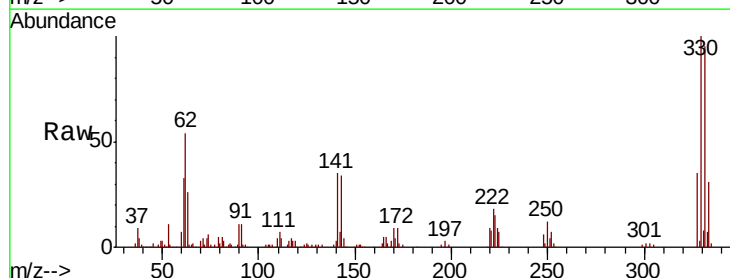
Instrument :
BNA_F
ClientSampleId :
JTY1-SB-0203

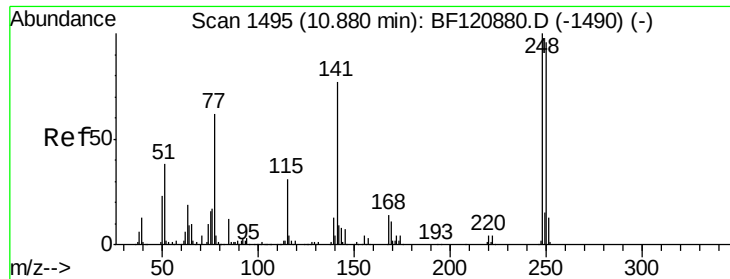
Tot Ion:188 Resp: 599970
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 9.7 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 3.937 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF121175.D
Acq: 3 Aug 2020 14:24

Tgt Ion:198 Resp: 355
Ion Ratio Lower Upper
198 100
51 220.3 23.4 63.4#
105 222.4 23.7 63.7#

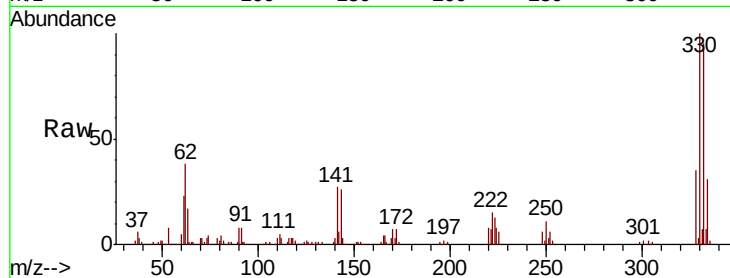




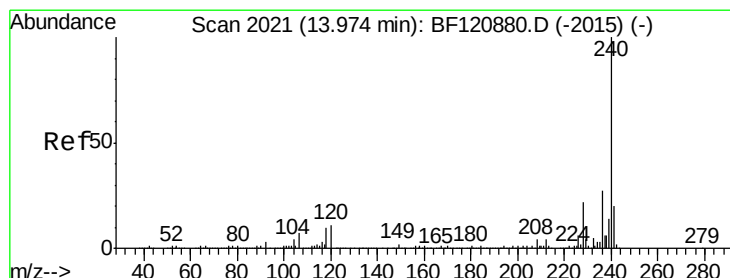
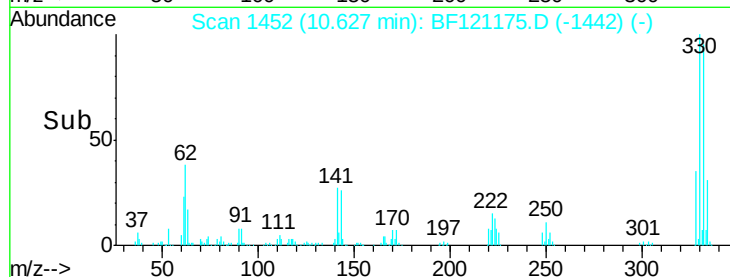
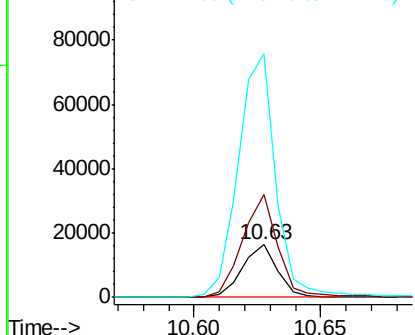
#67
 4-Bromophenyl-phenylether
 Concen: 2.336 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-SB-0203

Tot Ion:248 Resp: 15624
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.0 115.6#
 141 462.5 56.6 85.0#

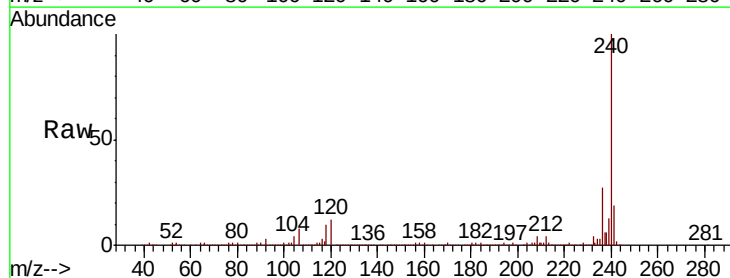


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

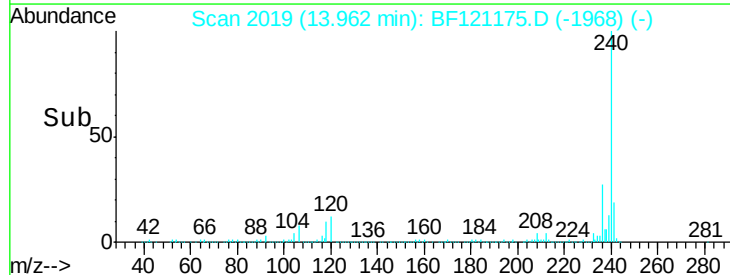
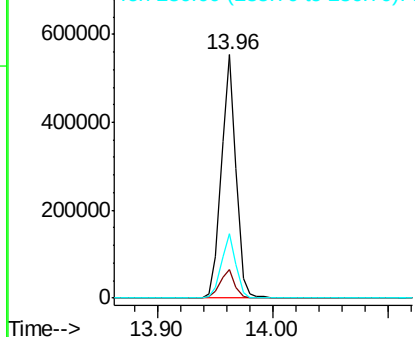


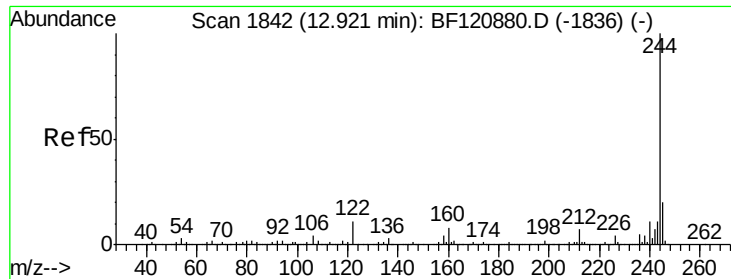
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Tgt Ion:240 Resp: 488192
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.3 13.9
 236 26.6 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

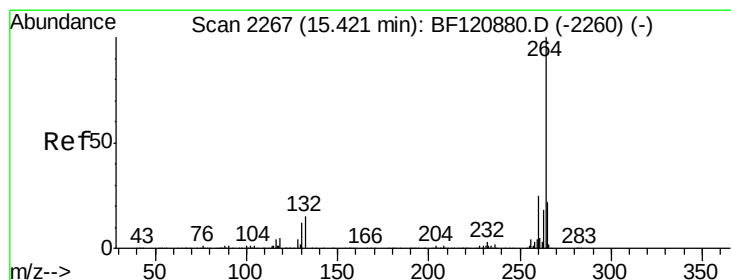
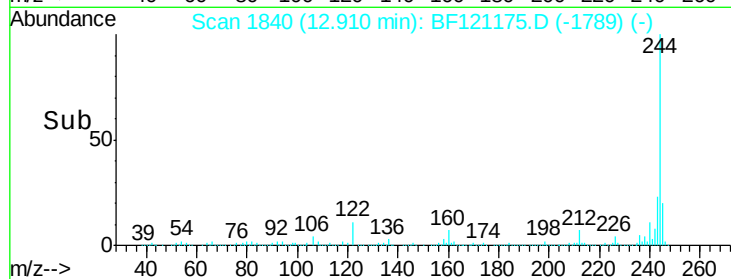
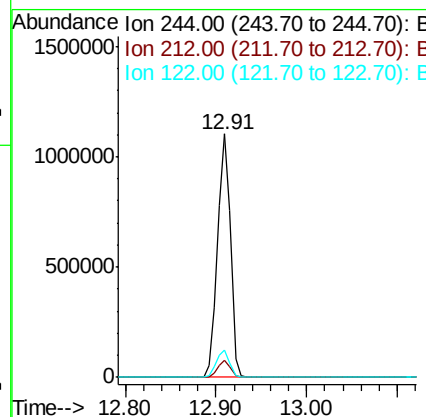
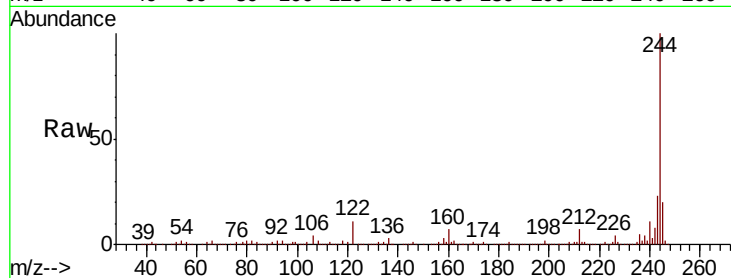




#79
 Terphenyl-d14
 Concen: 49.143 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-SB-0203

Tot Ion:244 Resp: 1103664
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121175.D
 Acq: 3 Aug 2020 14:24

Tgt Ion:264 Resp: 433387
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.4 17.8 26.8

