

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121599.D
 Acq On : 17 Sep 2020 15:53
 Operator : JU/CG
 Sample : PB131684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Quant Time: Sep 17 16:37:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

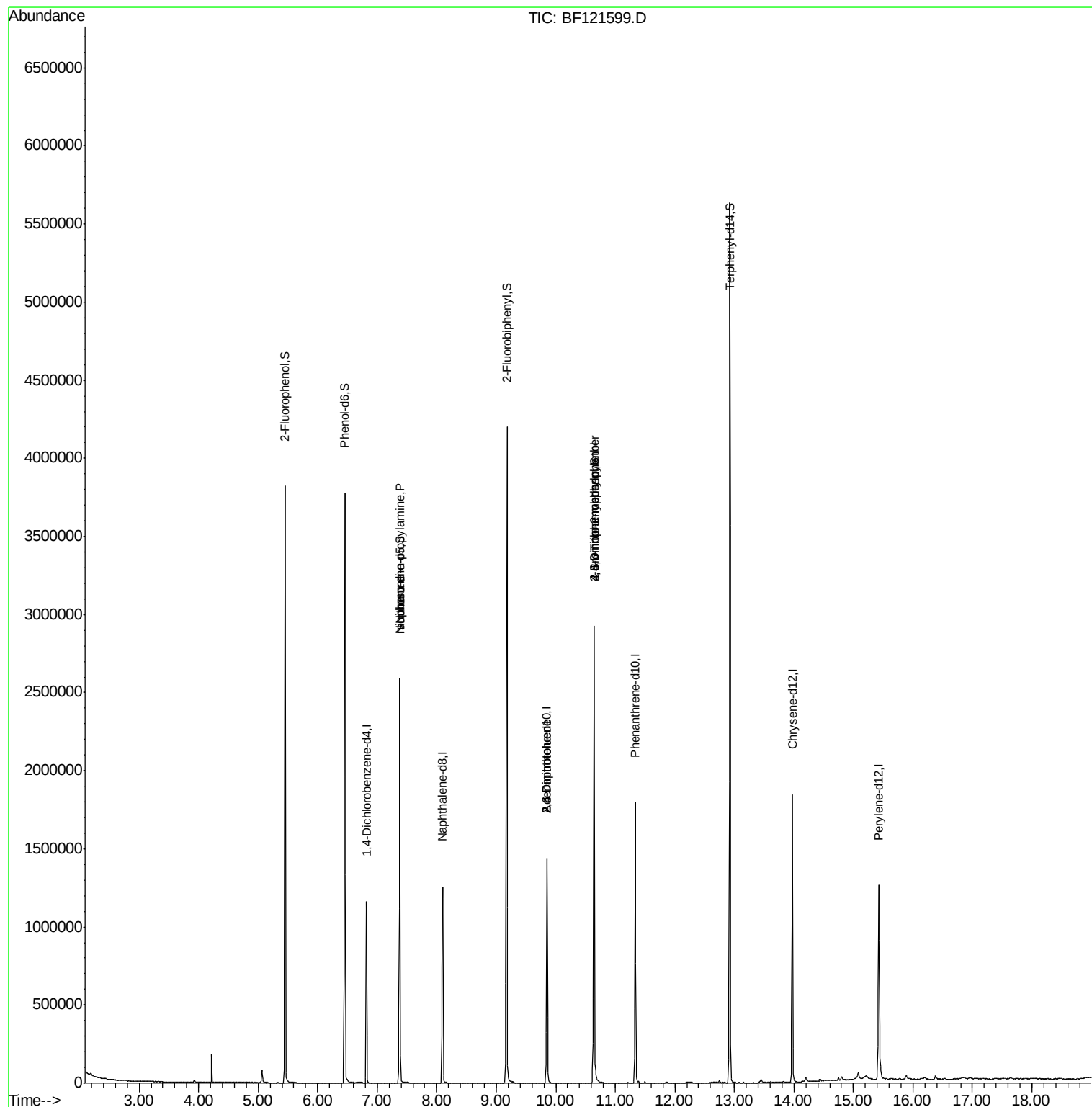
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173852	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	689566	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	362684	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	688288	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	633866	20.00	ng	-0.02
86) Perylene-d12	15.43	264	591421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1093833	93.50	ng	0.01
7) Phenol-d6	6.46	99	1388396	90.46	ng	0.00
23) Nitrobenzene-d5	7.38	82	983551	76.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	454576	100.84	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1708557	71.35	ng	-0.01
79) Terphenyl-d14	12.93	244	1931504	61.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	134582	15.215	ng	# 78
25) Isophorone	7.38	82	975028	37.714	ng	# 66
51) 2,6-Dinitrotoluene	9.86	165	46086	8.232	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	46086	6.544	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	672	6.988	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	26796	3.419	ng	# 1

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

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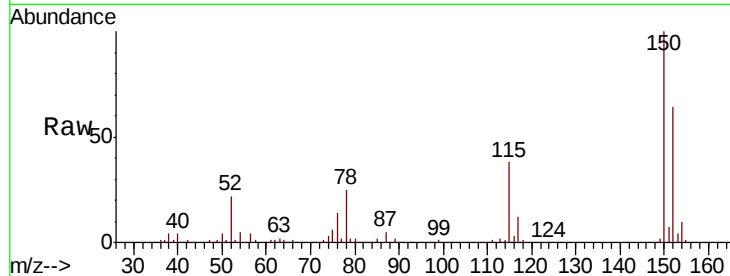


#1

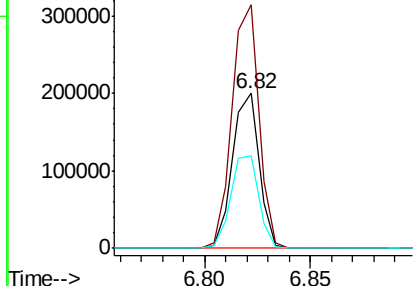
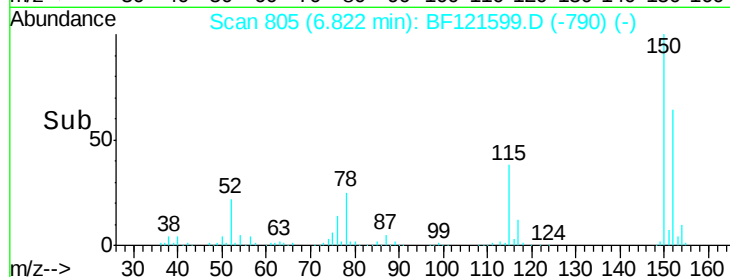
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.8	188.6
115	59.9	47.8	71.8



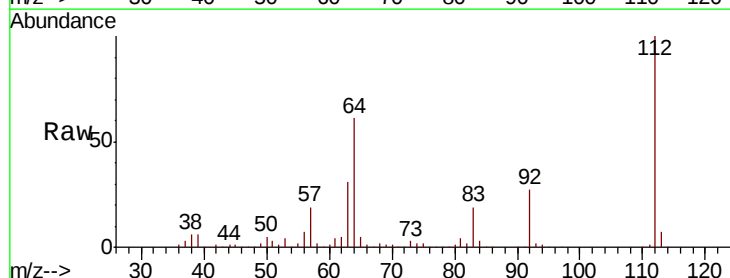
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



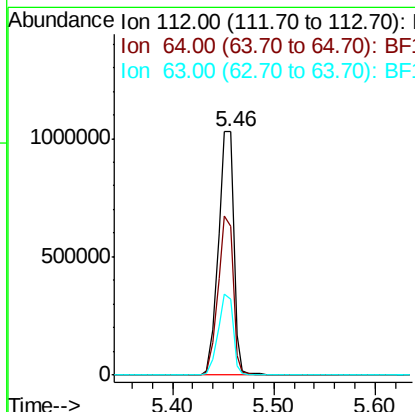
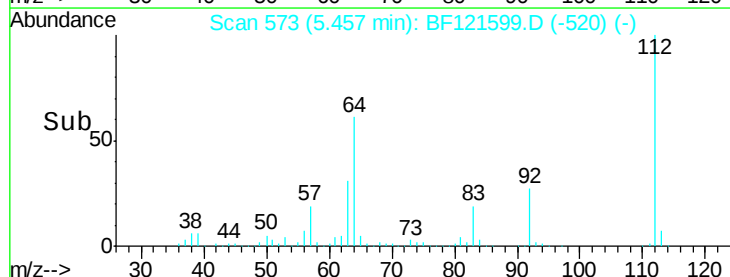
#5

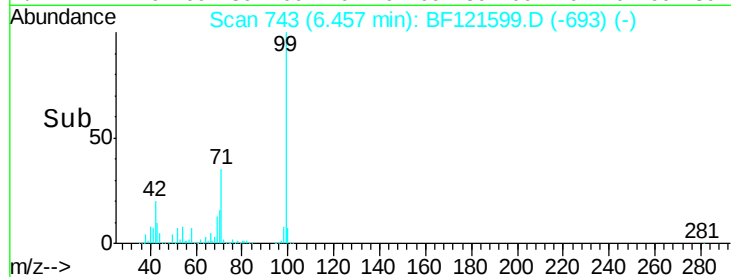
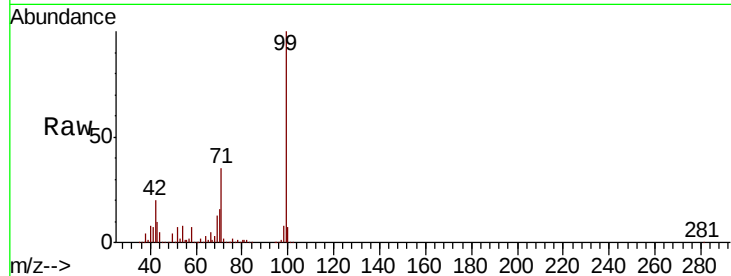
2-Fluorophenol
 Concen: 93.503 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	50.3	75.5
63	30.9	25.6	38.4



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: 90.464 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Instrument :

BNA_F

ClientSampleId :

PB131684BL

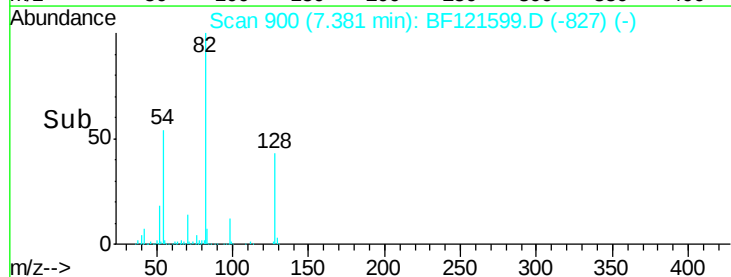
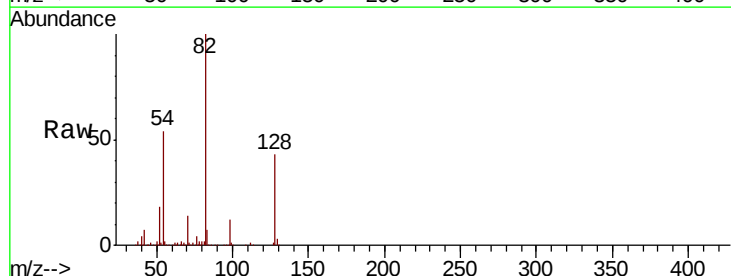
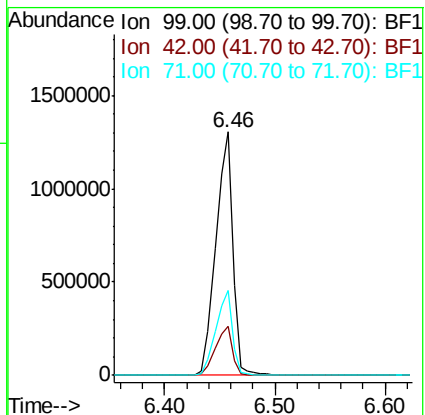
Tot Ion: 99 Resp: 1388396

Ion Ratio Lower Upper

99 100

42 19.9 15.5 23.3

71 35.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.215 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Tgt Ion: 70 Resp: 134582

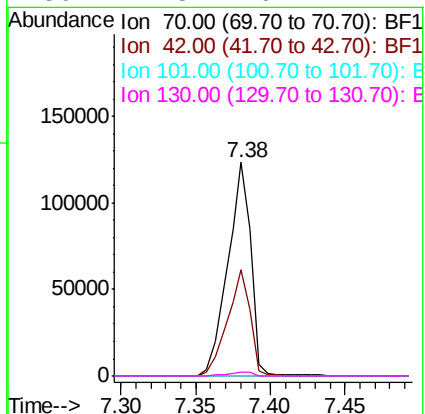
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.2

101 0.0 7.6 11.4#

130 1.8 16.2 24.4#

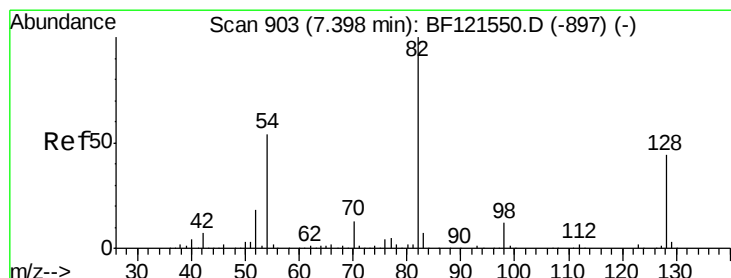
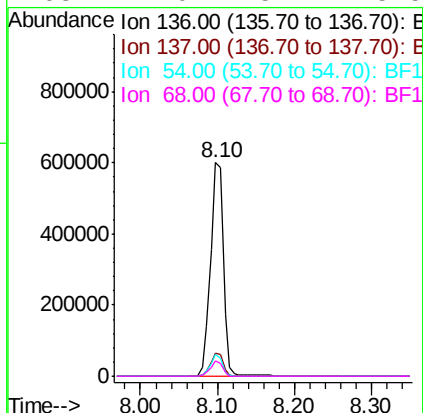
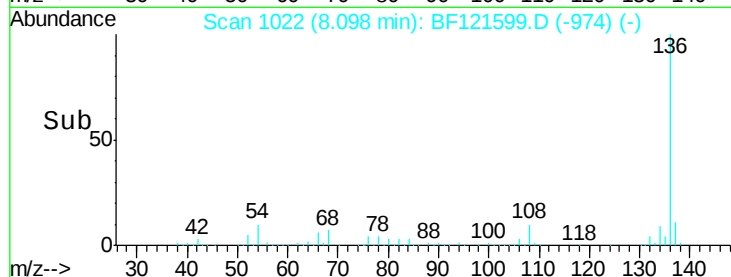
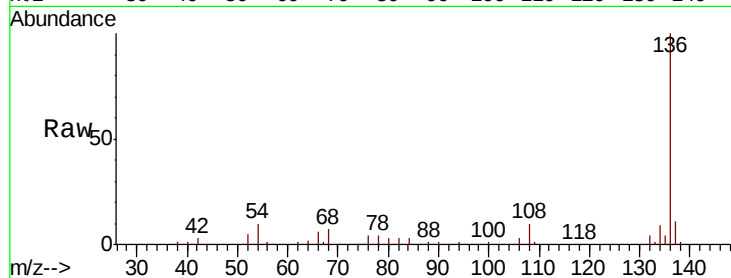




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF121599.D
Acq: 17 Sep 2020 15:53

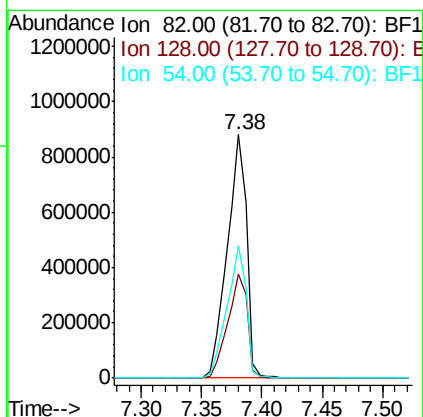
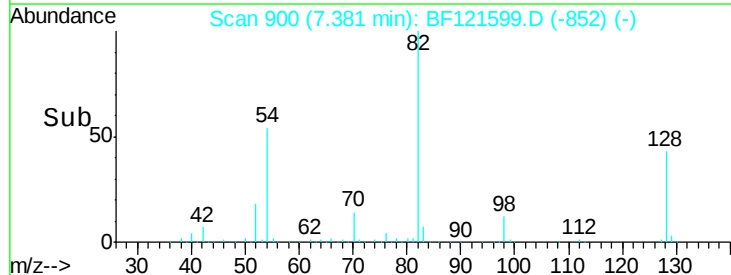
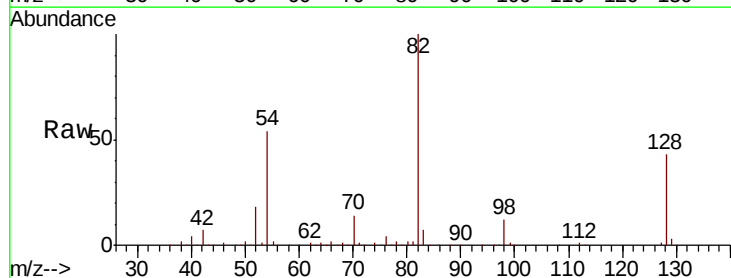
Instrument :
BNA_F
ClientSampleId :
PB131684BL

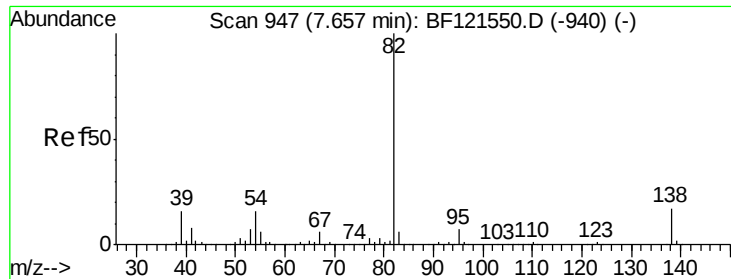
Tot Ion:136	Resp:	689566
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	10.0	7.6 11.4
68	7.0	5.7 8.5



#23
Nitrobenzene-d5
Concen: 76.582 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF121599.D
Acq: 17 Sep 2020 15:53

Tgt Ion: 82	Resp:	983551
Ion	Ratio	Lower Upper
82	100	
128	42.6	35.1 52.7
54	54.1	43.0 64.6





#25

Isophorone

Concen: 37.714 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

Instrument :

BNA_F

ClientSampleId :

PB131684BL

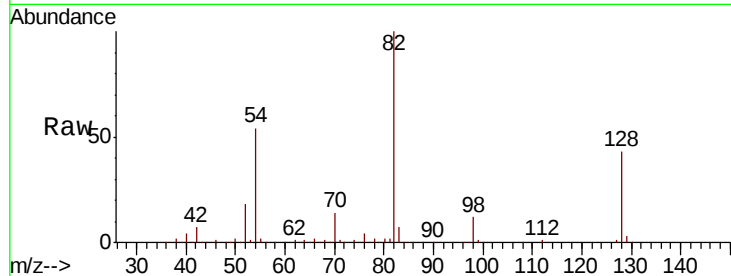
Tot Ion: 82 Resp: 975028

Ion Ratio Lower Upper

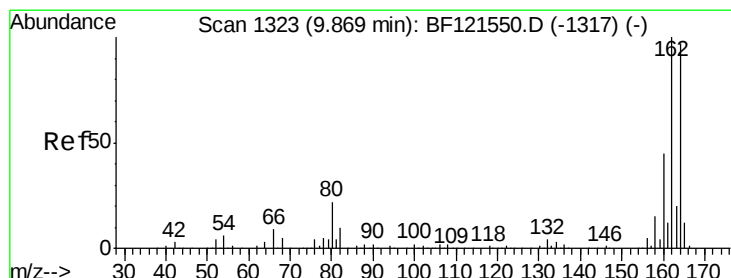
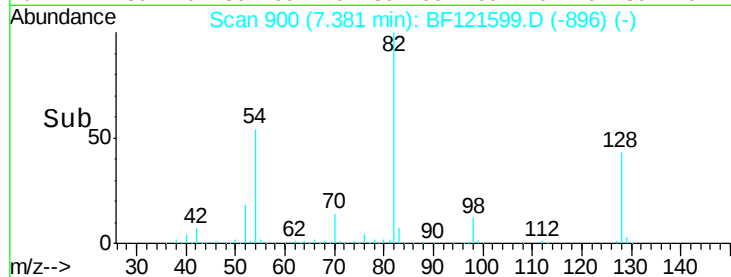
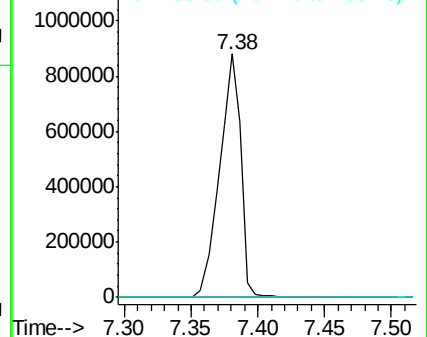
82 100

95 0.0 5.3 7.9#

138 0.0 13.7 20.5#



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: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF121599.D

Acq: 17 Sep 2020 15:53

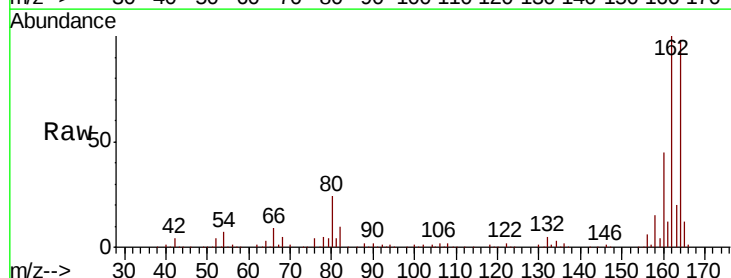
Tgt Ion: 164 Resp: 362684

Ion Ratio Lower Upper

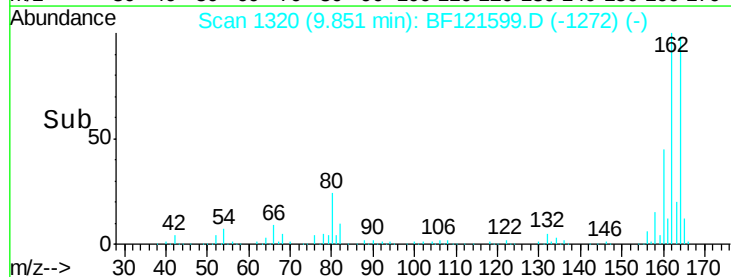
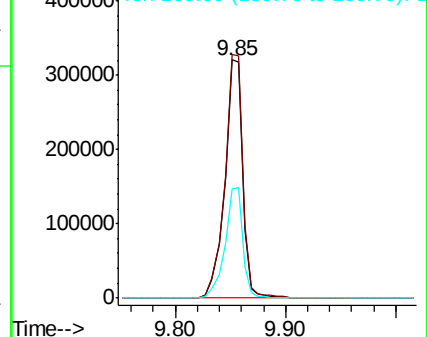
164 100

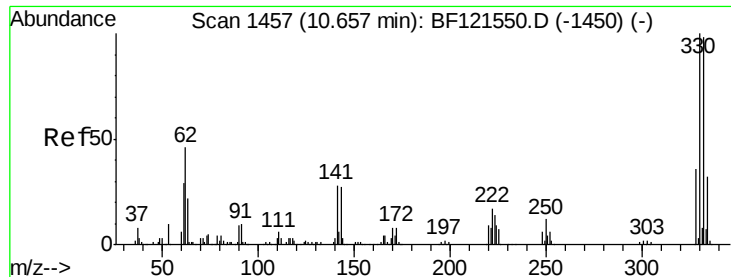
162 102.3 82.3 123.5

160 45.9 37.0 55.4



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

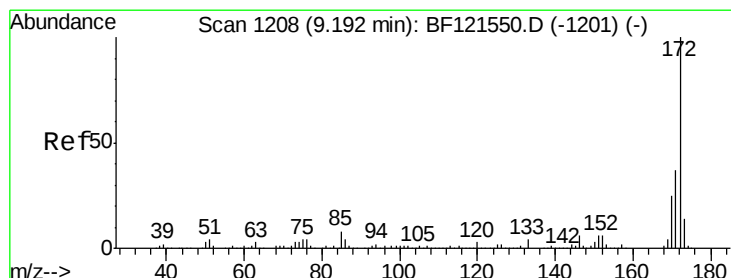
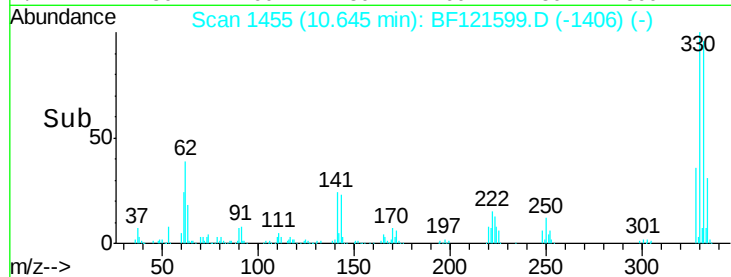
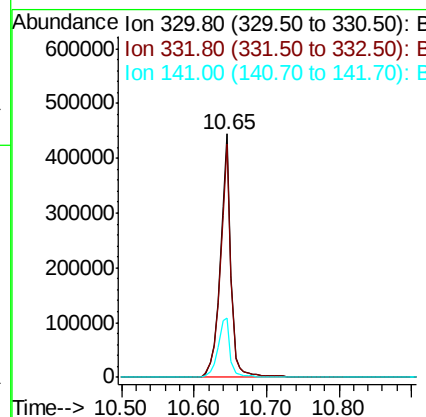
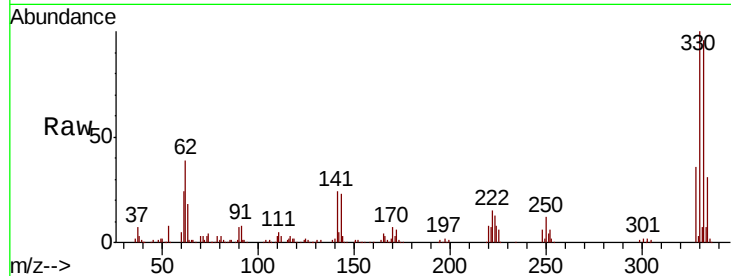




#42
 2,4,6-Tribromophenol
 Concen: 100.845 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

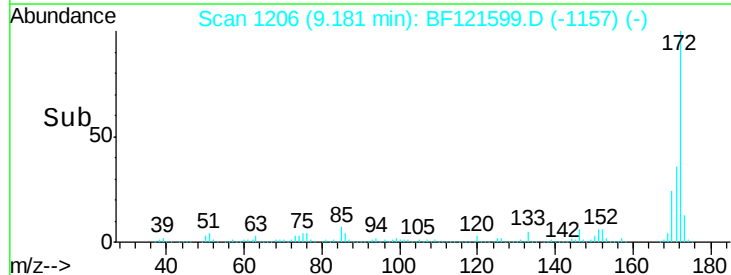
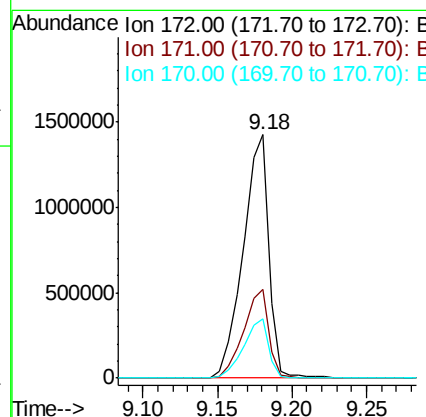
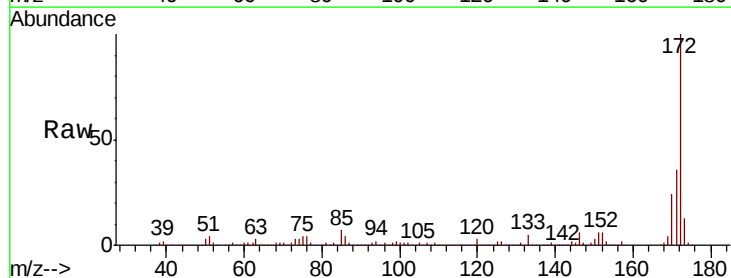
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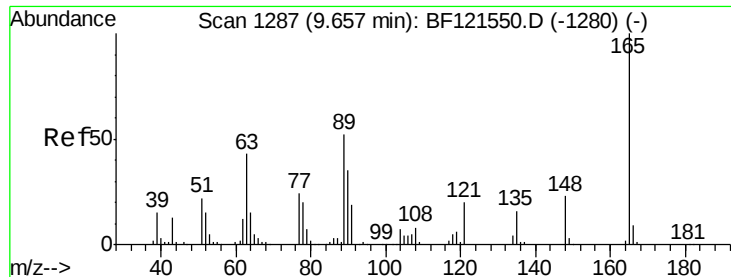
Tot Ion:330 Resp: 454576
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 28.3 23.6 35.4



#45
 2-Fluorobiphenyl
 Concen: 71.348 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion:172 Resp: 1708557
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.3 19.8 29.8

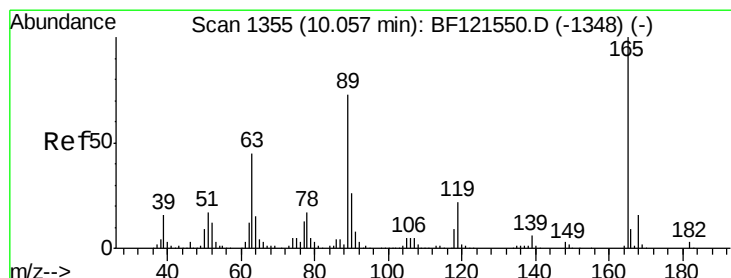
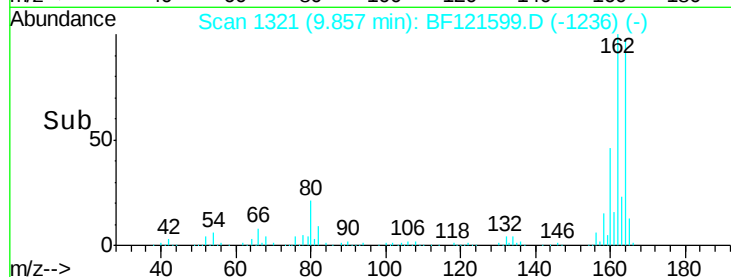
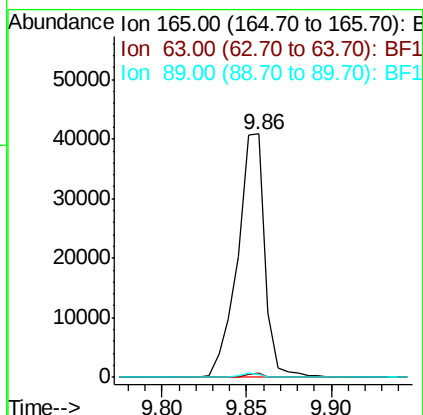
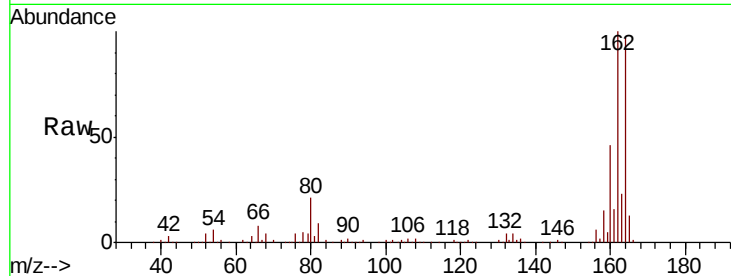




#51
 2,6-Dinitrotoluene
 Concen: 8.232 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

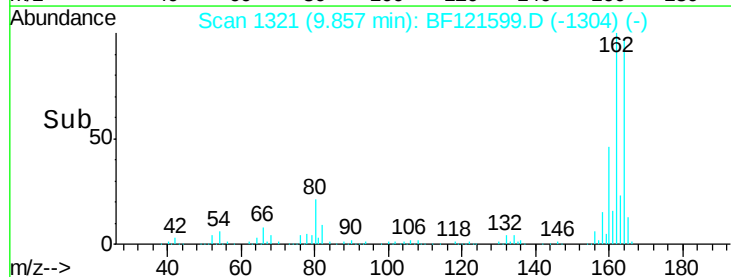
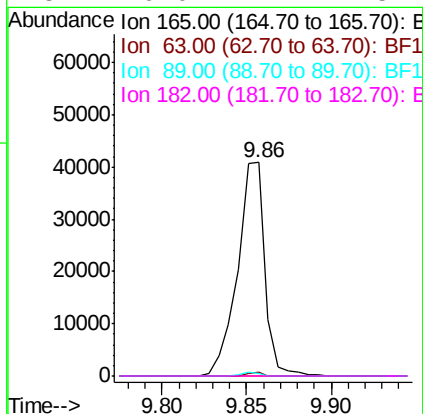
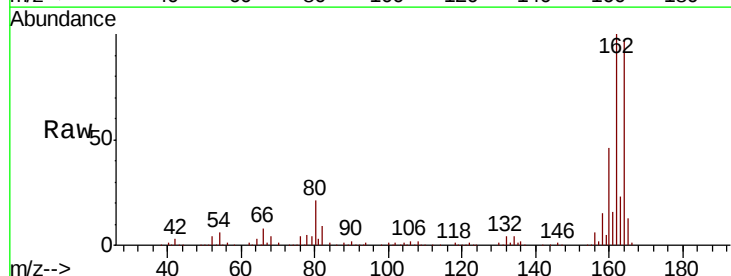
Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

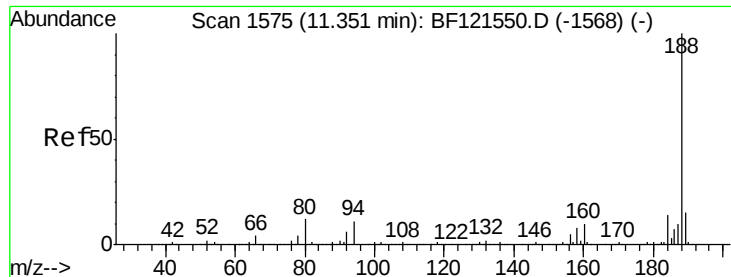
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.6	61.0#
89	1.2	41.8	62.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.544 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.2	58.2	87.4#
182	0.0	2.2	3.2#

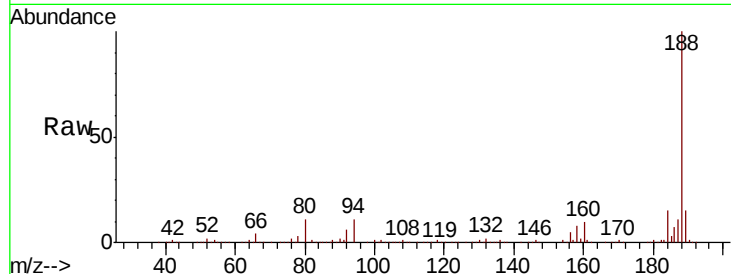




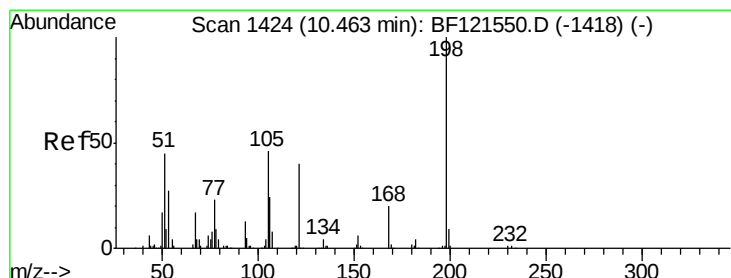
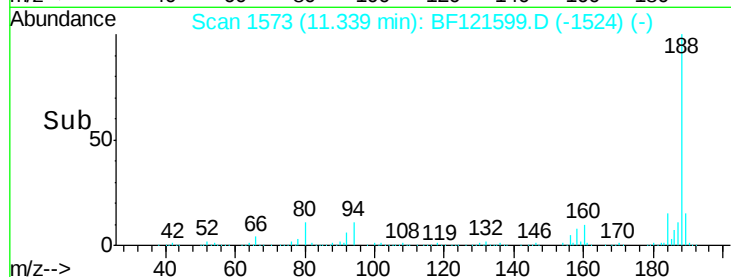
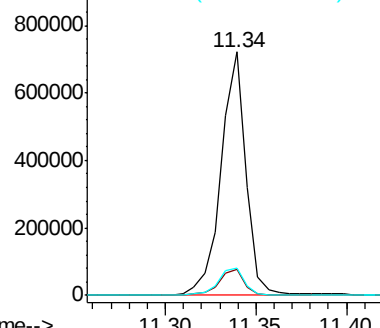
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.3	9.3	13.9

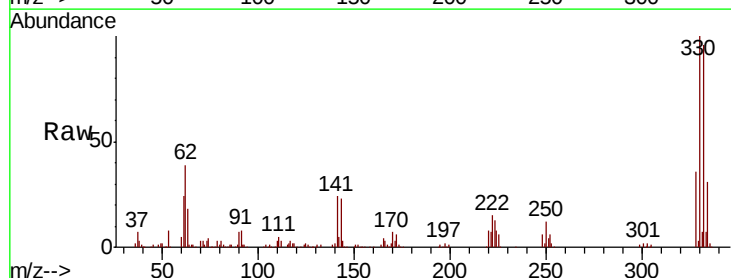


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

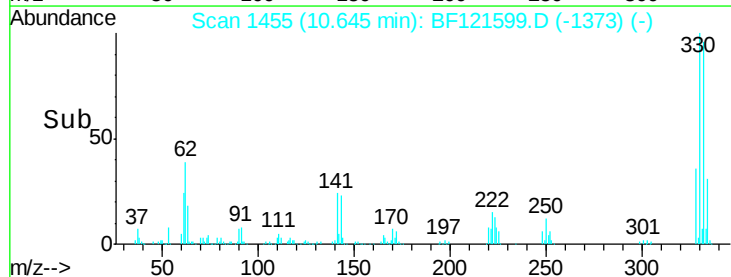
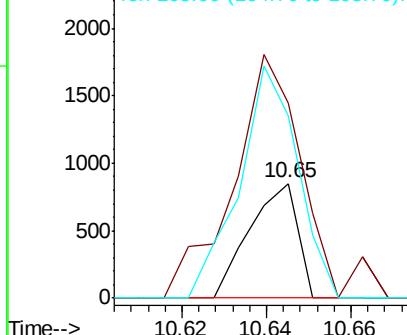


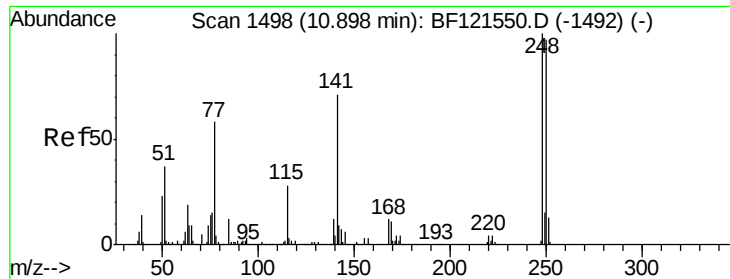
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.988 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.18 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
198	100		
51	170.9	31.1	71.1#
105	159.3	26.6	66.6#



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

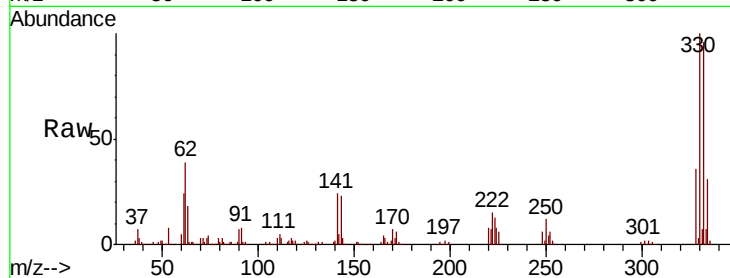




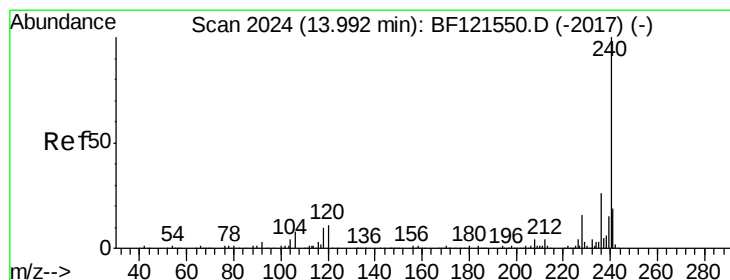
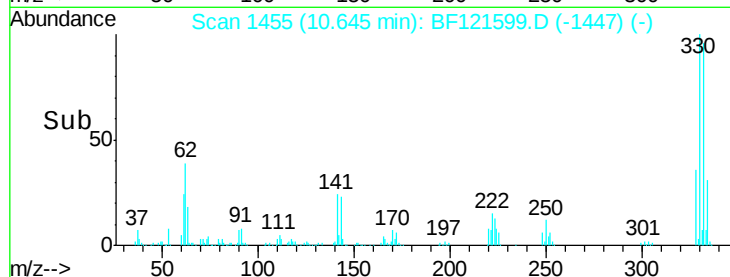
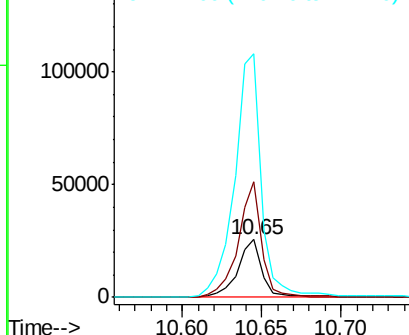
#67
 4-Bromophenyl-phenylether
 Concen: 3.419 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.4	116.0#
141	422.4	56.7	85.1#

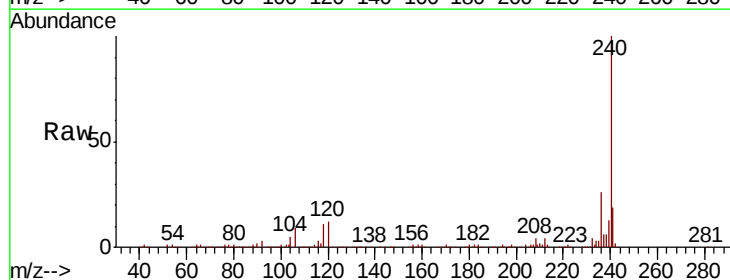


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

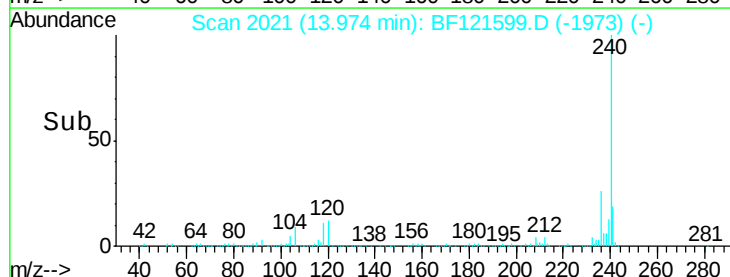
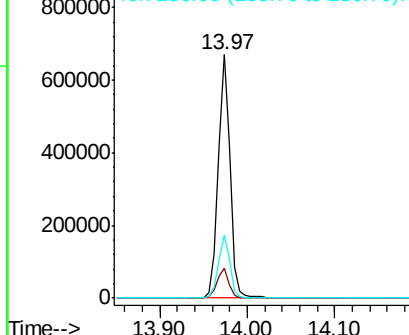


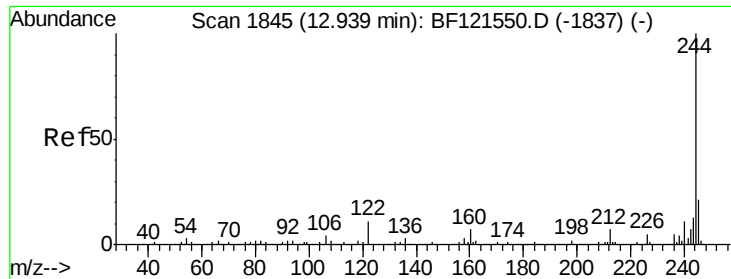
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.9	20.5	30.7



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

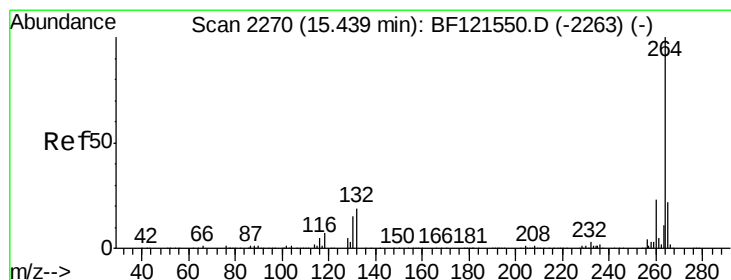
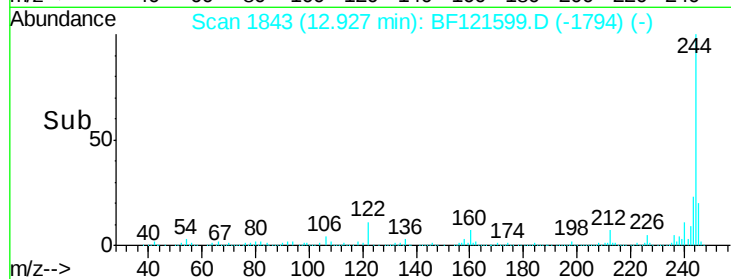
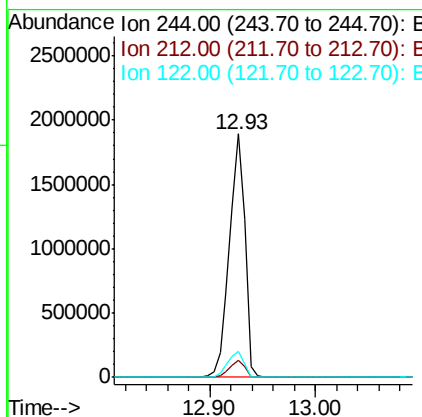
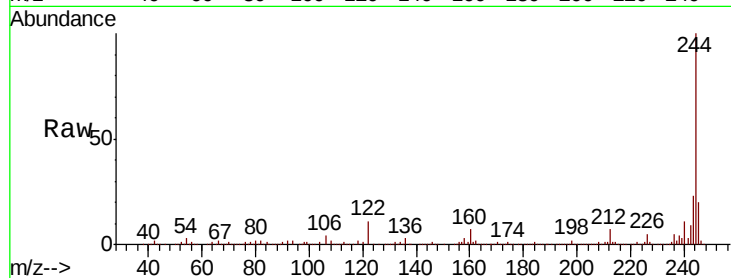




#79
 Terphenyl-d14
 Concen: 61.733 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion:244 Resp: 1931504
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.8 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF121599.D
 Acq: 17 Sep 2020 15:53

Tgt Ion:264 Resp: 591421
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.7 17.8 26.6

