

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118597.D
 Acq On : 20 Jan 2020 18:04
 Operator : CG/JU
 Sample : PB126152BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:41:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

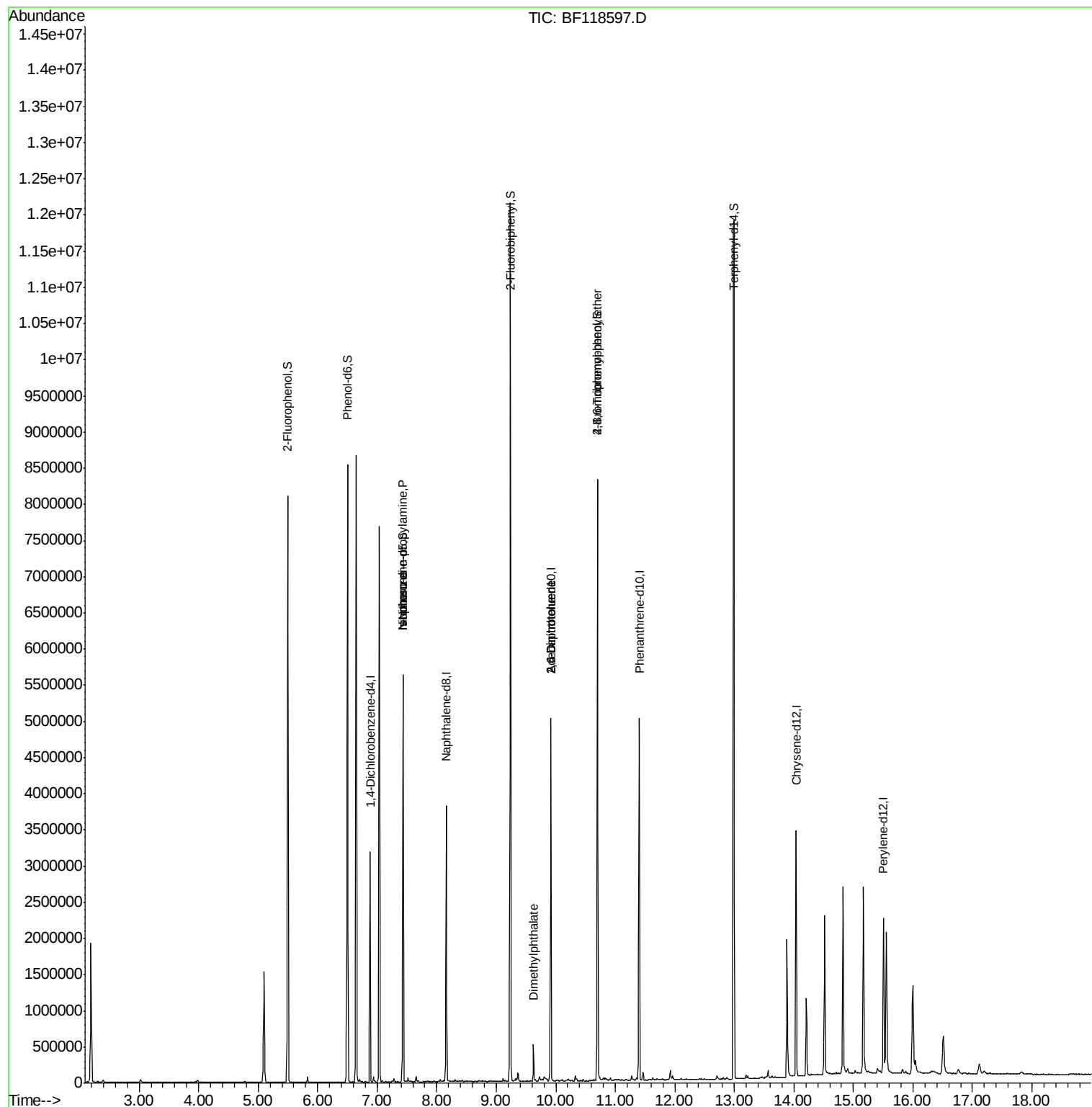
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	457412	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1709616	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	995327	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1839794	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1183838	20.00	ng	0.00
87) Perylene-d12	15.51	264	1084727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2330250	94.62	ng	0.00
7) Phenol-d6	6.50	99	3102605	96.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	1950884	63.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	1086697	94.40	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3722437	61.47	ng	0.00
79) Terphenyl-d14	12.99	244	4468847	82.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	277291	12.829	ng	# 79
25) Isophorone	7.43	82	1944434	34.878	ng	# 64
50) Dimethylphthalate	9.63	163	186057	2.869	ng	96
51) 2,6-Dinitrotoluene	9.92	165	131680	9.068	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	131680	7.193	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	68512	3.014	ng	# 1

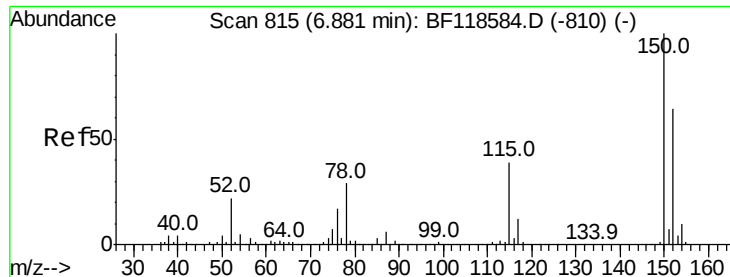
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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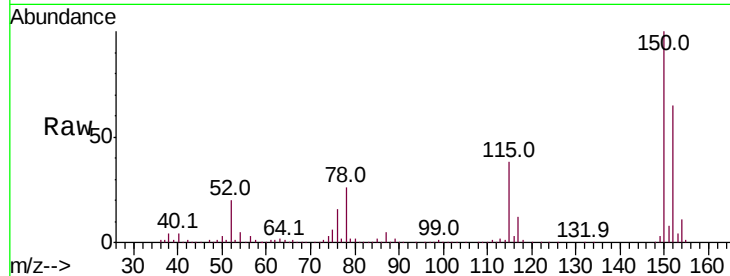


#1

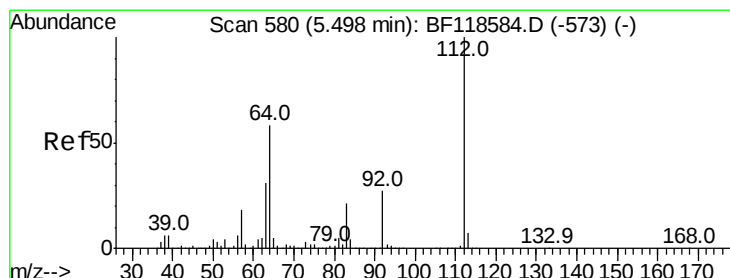
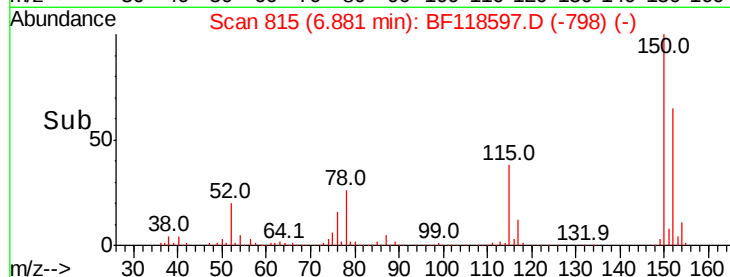
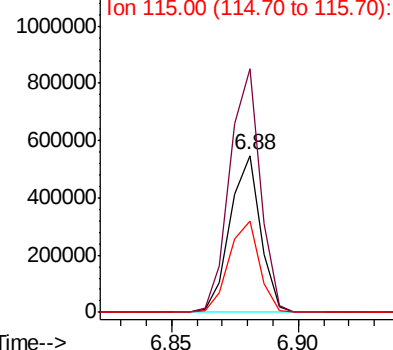
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118597.D
Acq: 20 Jan 2020 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 457412
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 58.3 48.4 72.6



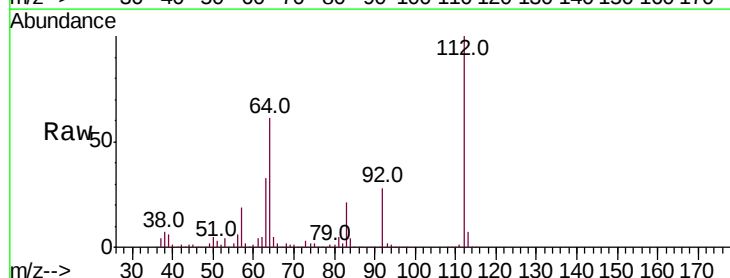
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



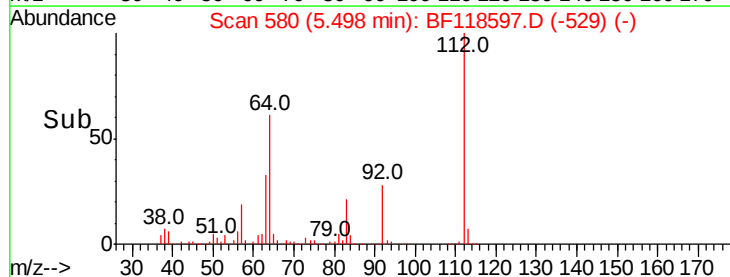
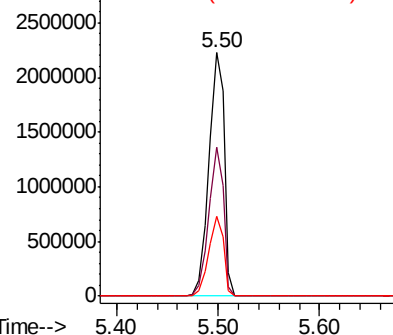
#5

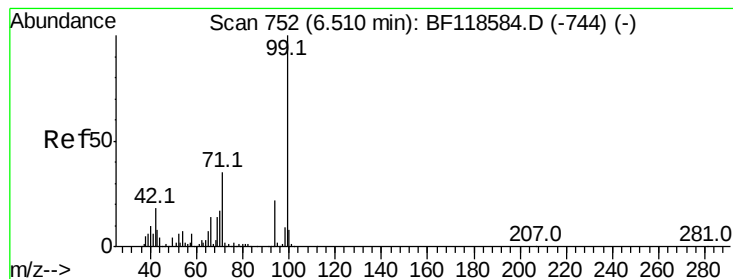
2-Fluorophenol
Concen: 94.616 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118597.D
Acq: 20 Jan 2020 18:04

Tgt Ion:112 Resp: 2330250
Ion Ratio Lower Upper
112 100
64 60.9 46.6 70.0
63 32.6 25.1 37.7



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: 96.924 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

Instrument :

BNA_F

ClientSampleId :

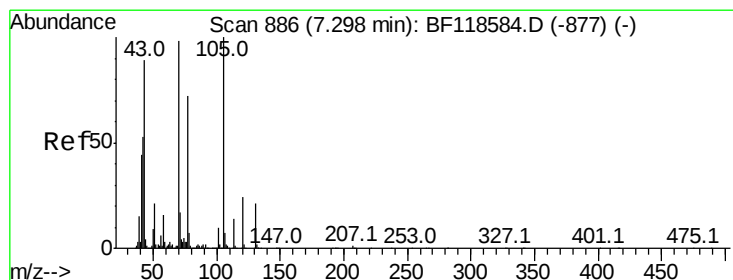
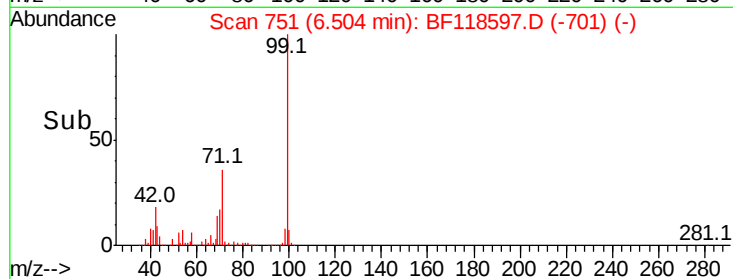
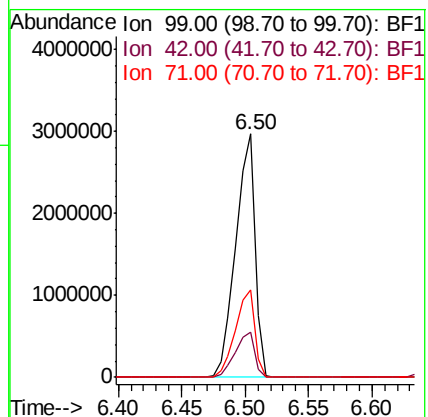
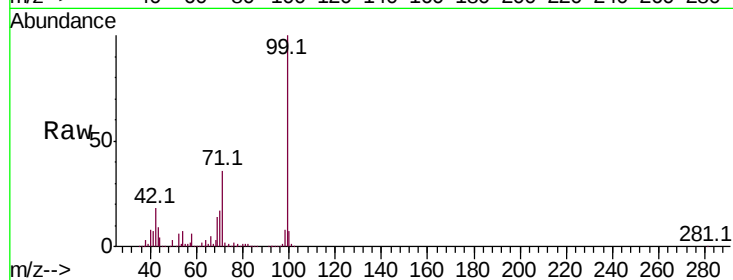
Tot Ion: 99 Resp: 3102605

Ion Ratio Lower Upper

99 100

42 18.3 14.2 21.2

71 36.2 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.829 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

Tgt Ion: 70 Resp: 277291

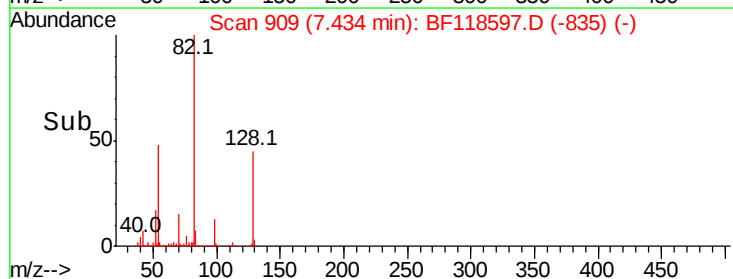
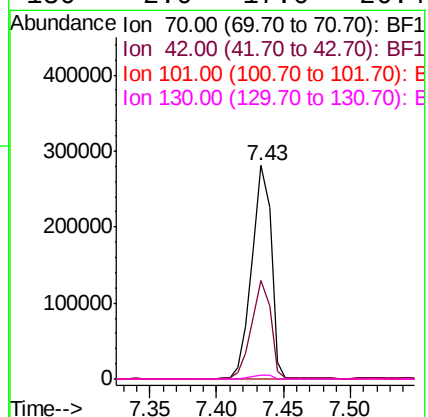
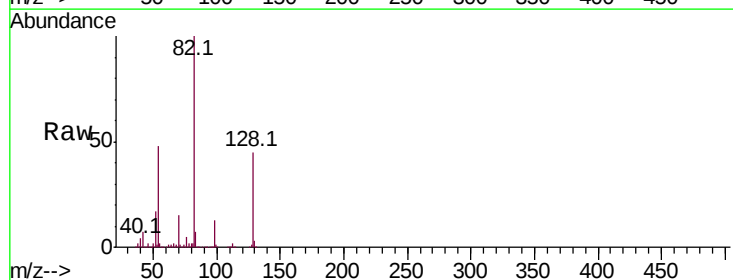
Ion Ratio Lower Upper

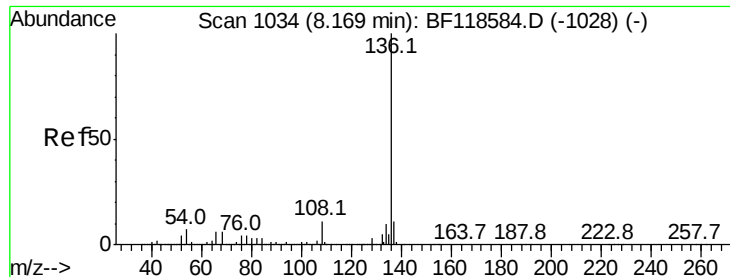
70 100

42 46.3 43.4 65.0

101 0.0 8.1 12.1#

130 2.0 17.6 26.4#

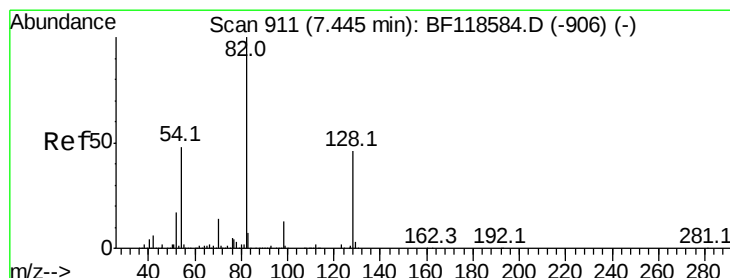
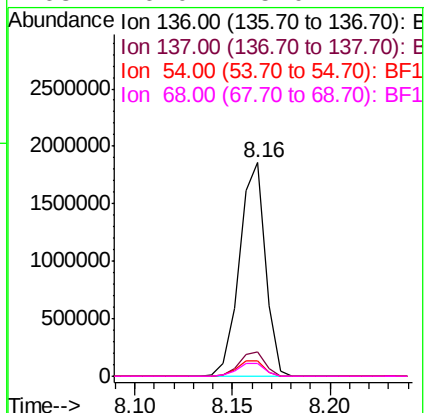
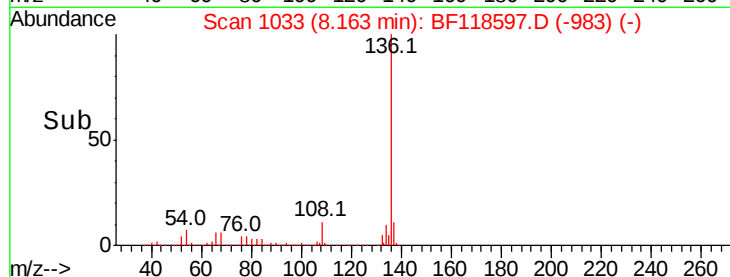
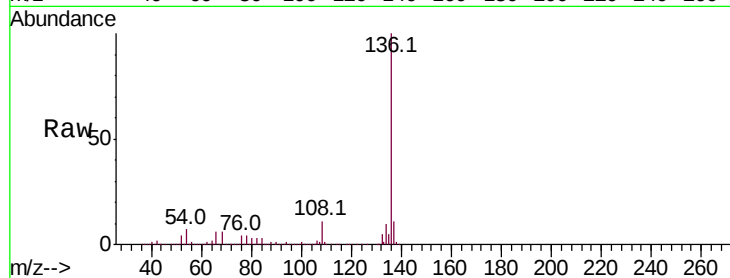




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118597.D
Acq: 20 Jan 2020 18:04

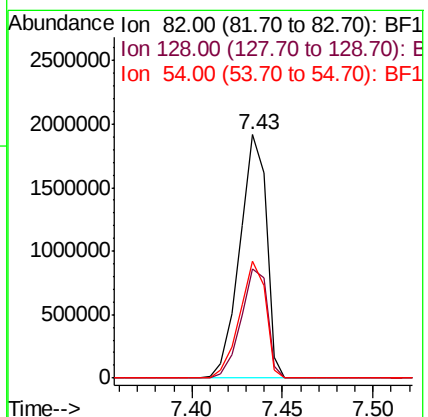
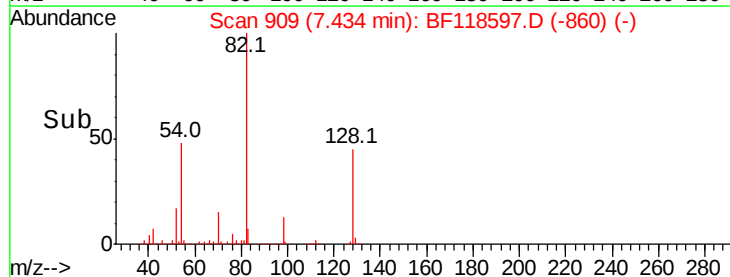
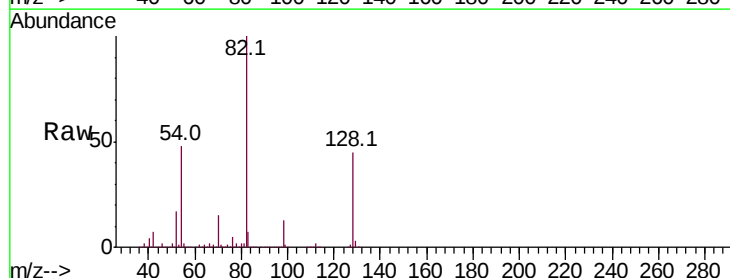
Instrument :
BNA_F
ClientSampleId :

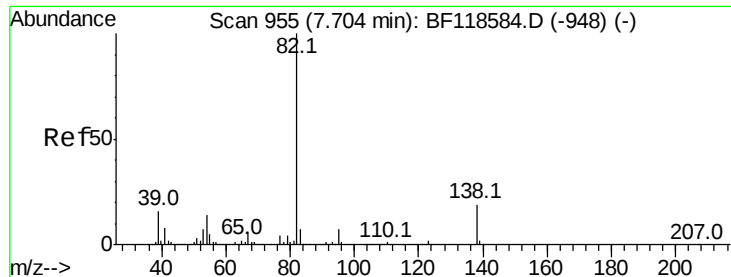
Tot Ion:136 Resp: 1709616
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.1 5.8 8.6
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 63.828 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118597.D
Acq: 20 Jan 2020 18:04

Tgt Ion: 82 Resp: 1950884
Ion Ratio Lower Upper
82 100
128 44.8 36.6 54.8
54 48.1 38.0 57.0





#25

Isophorone

Concen: 34.878 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

Instrument :

BNA_F

ClientSampleId :

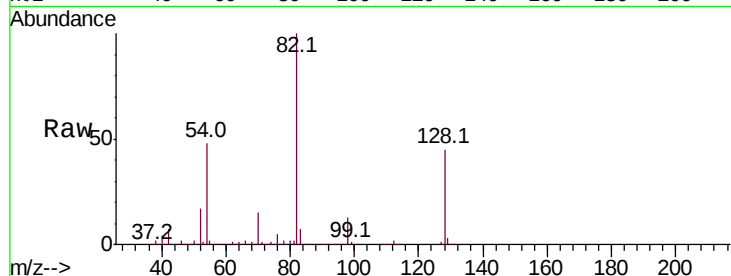
Tot Ion: 82 Resp: 1944434

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

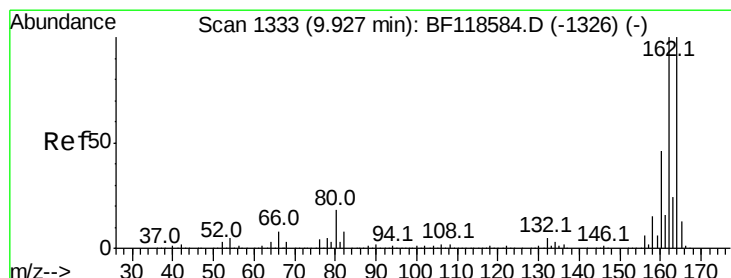
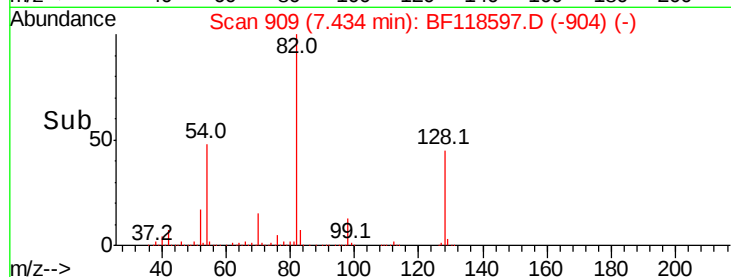
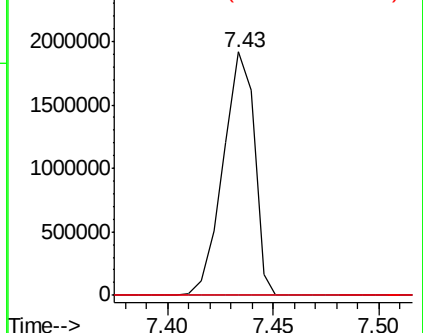
138 0.0 15.3 22.9#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

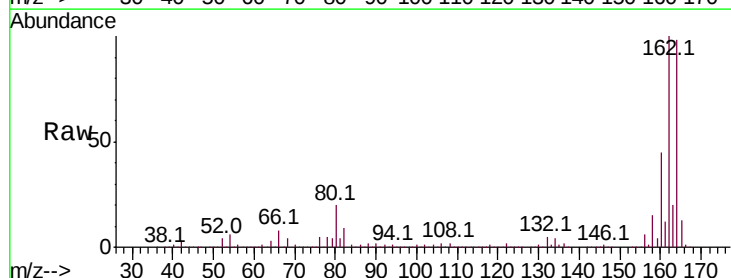
Tgt Ion:164 Resp: 995327

Ion Ratio Lower Upper

164 100

162 101.7 80.4 120.6

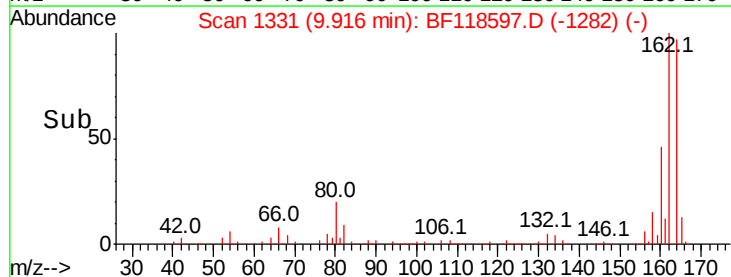
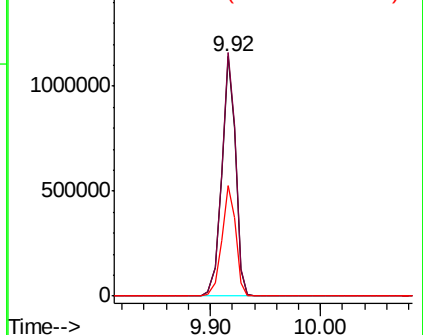
160 46.2 36.6 55.0

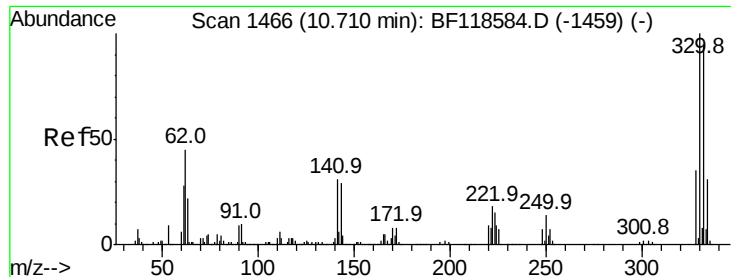


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



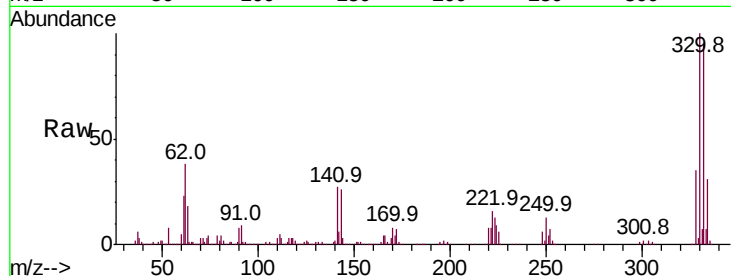


#42
 2,4,6-Tribromophenol
 Concen: 94.395 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118597.D
 Acq: 20 Jan 2020 18:04

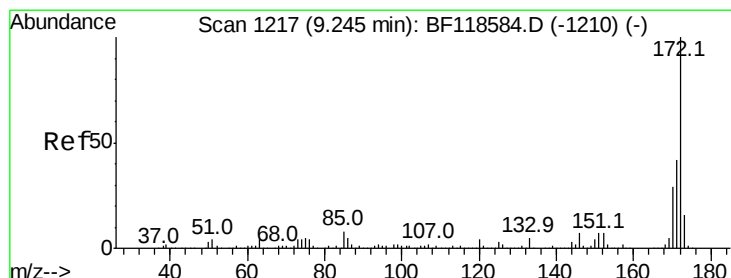
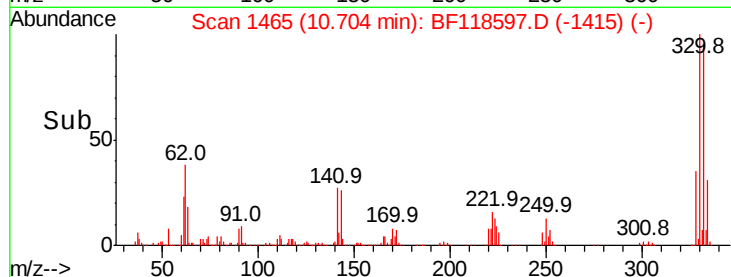
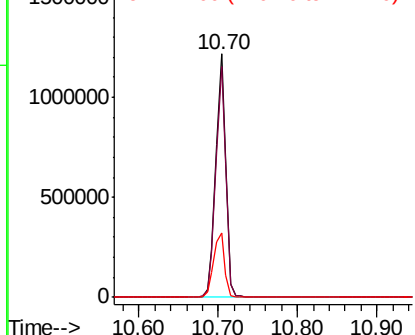
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1086697

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	28.8	23.9	35.9



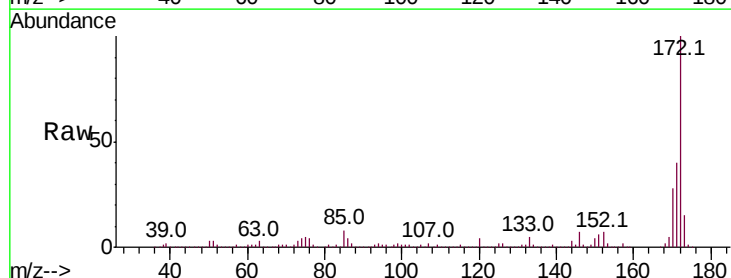
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



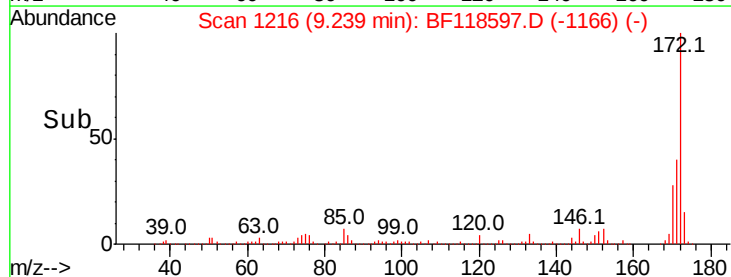
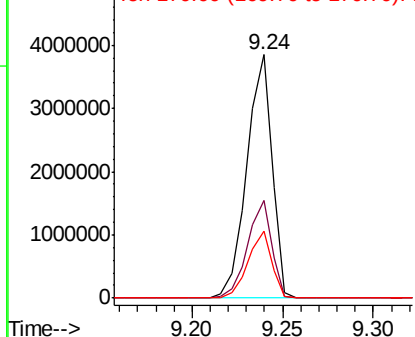
#45
 2-Fluorobiphenyl
 Concen: 61.470 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118597.D
 Acq: 20 Jan 2020 18:04

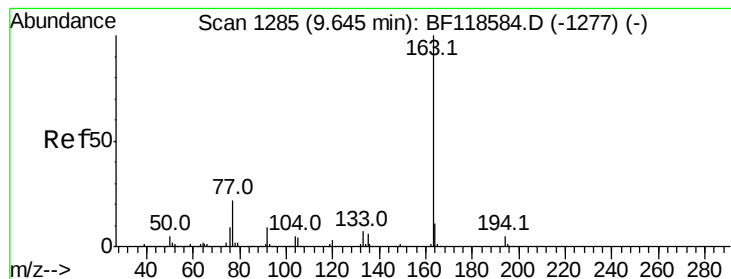
Tgt Ion:172 Resp: 3722437

Ion	Ratio	Lower	Upper
172	100		
171	39.9	33.4	50.2
170	27.5	23.2	34.8



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: 2.869 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

Instrument :

BNA_F

ClientSampleId :

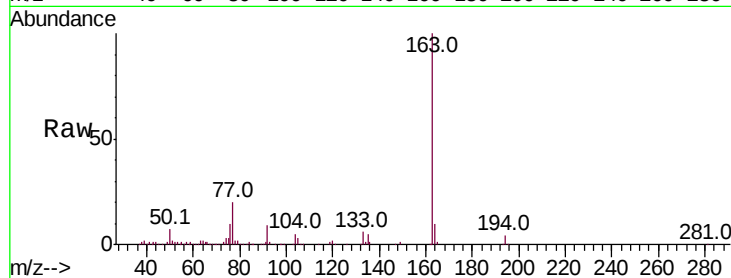
Tot Ion:163 Resp: 186057

Ion Ratio Lower Upper

163 100

194 4.0 3.9 5.9

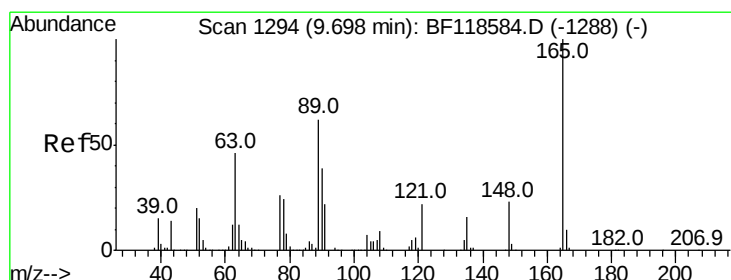
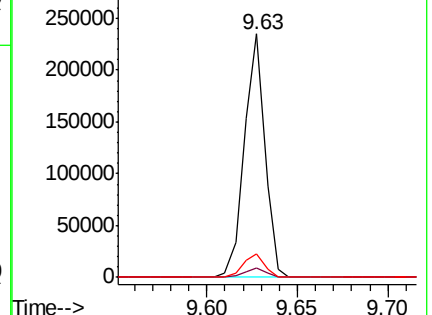
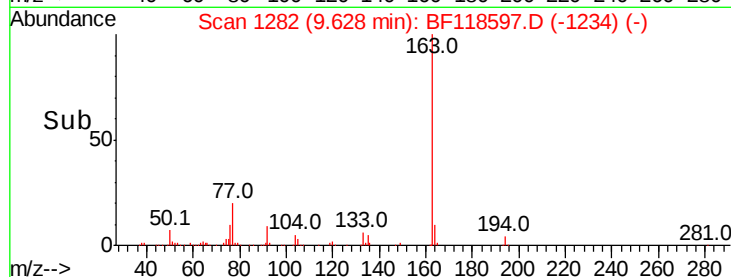
164 9.9 9.1 13.7



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: 9.068 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.22 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

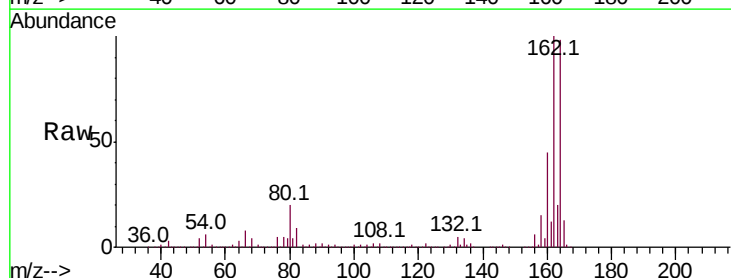
Tgt Ion:165 Resp: 131680

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

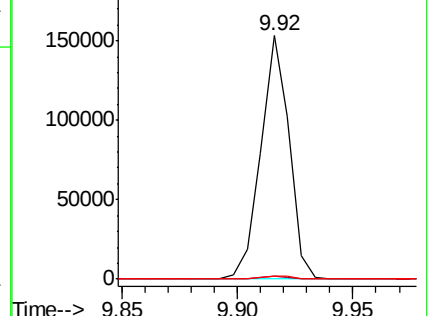
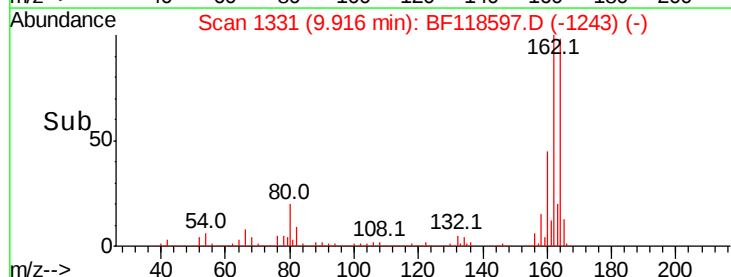
89 1.3 49.8 74.6#

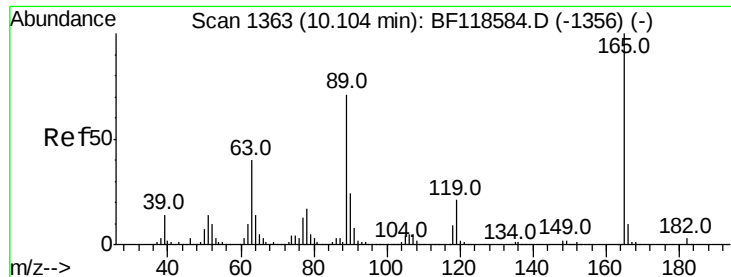


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

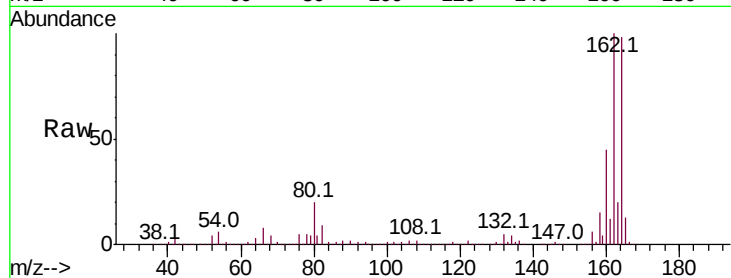




#57
 2,4-Dinitrotoluene
 Concen: 7.193 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118597.D
 Acq: 20 Jan 2020 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.4	48.6#
89	1.3	56.4	84.6#
182	0.0	2.3	3.5#

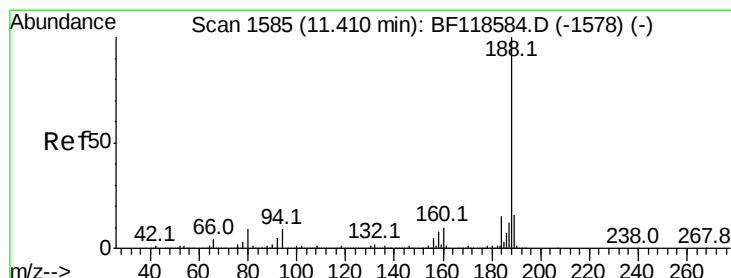
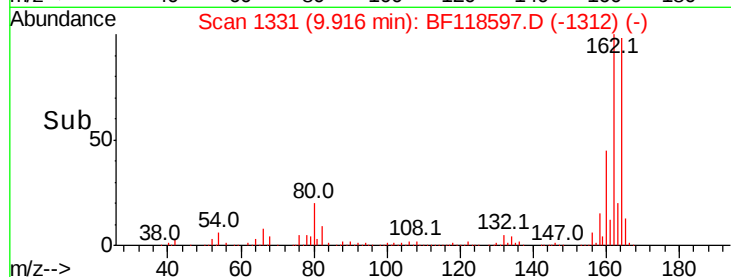
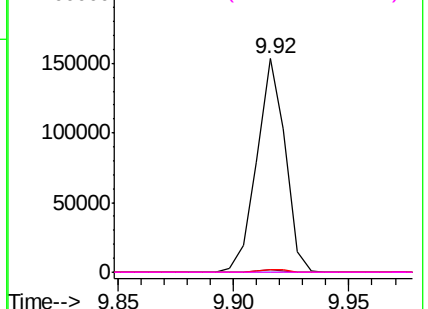


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

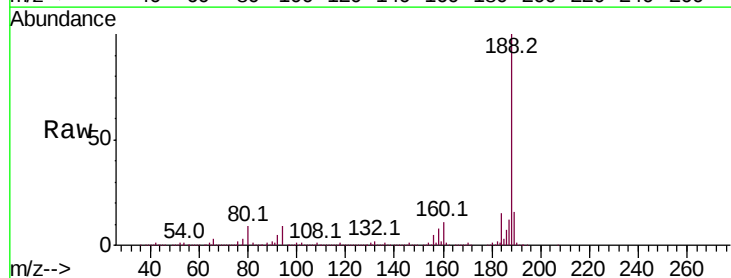
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118597.D
 Acq: 20 Jan 2020 18:04

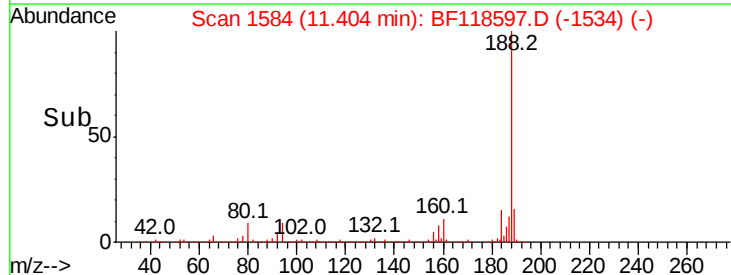
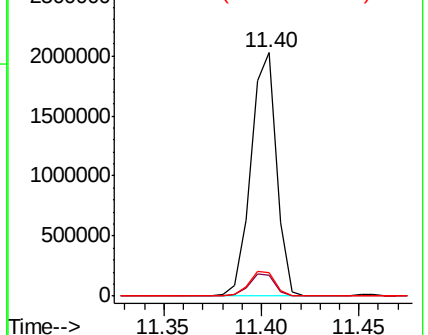
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.4	7.5	11.3

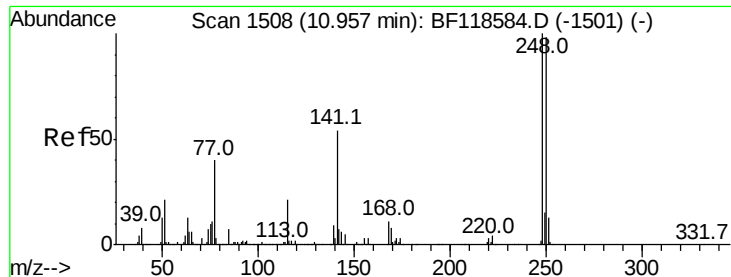


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

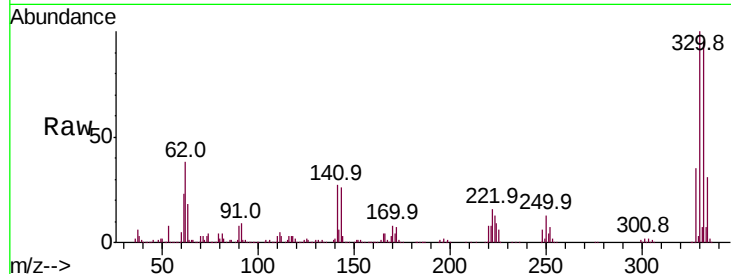




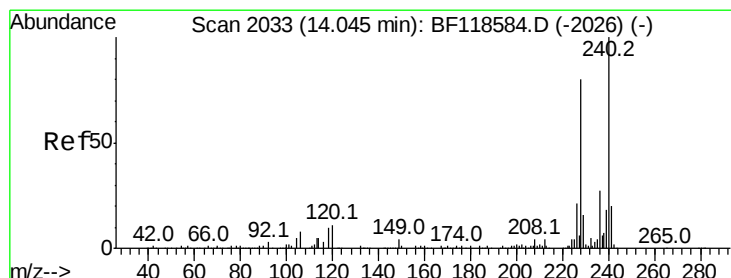
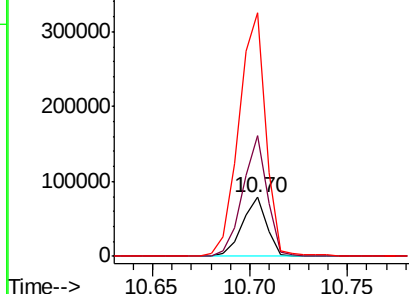
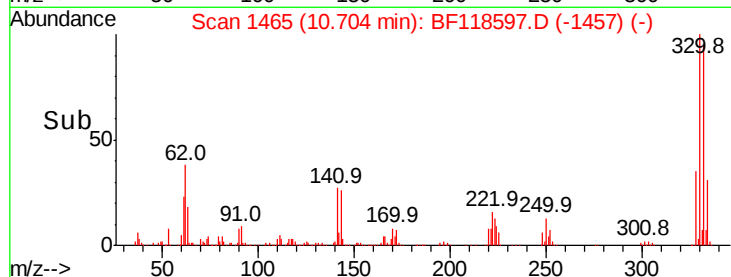
#67
4-Bromophenyl-phenylether
Concen: 3.014 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118597.D
Acq: 20 Jan 2020 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 68512
Ion Ratio Lower Upper
248 100
250 204.0 78.7 118.1#
141 412.5 43.2 64.8#

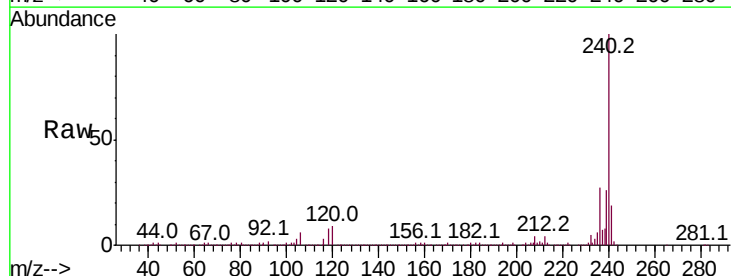


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

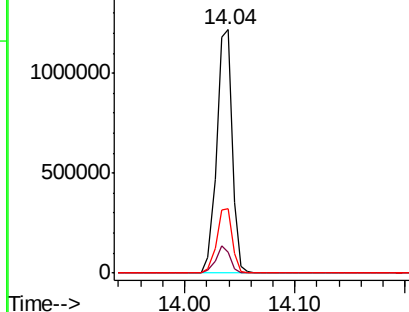
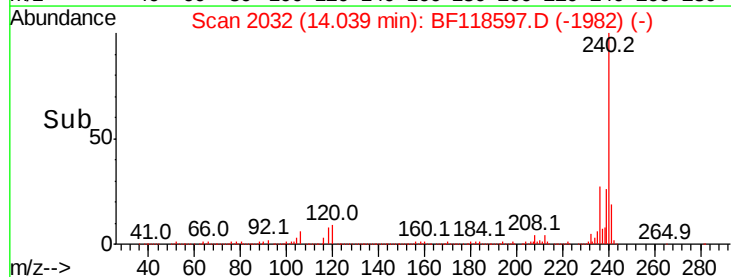


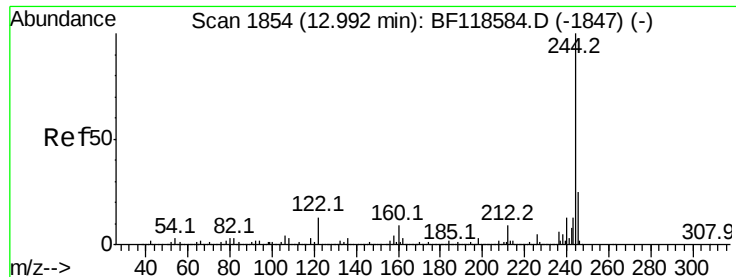
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118597.D
Acq: 20 Jan 2020 18:04

Tgt Ion:240 Resp: 1183838
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 26.6 21.5 32.3



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: 82.334 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

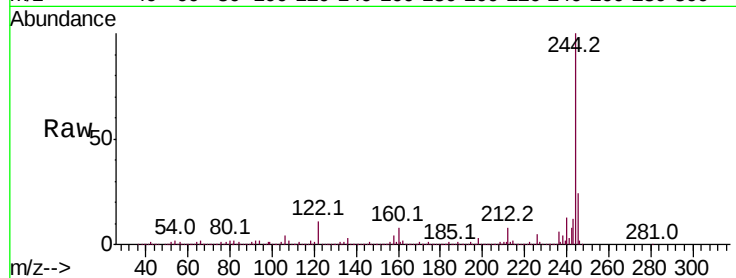
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 4468847

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	11.1	10.7	16.1

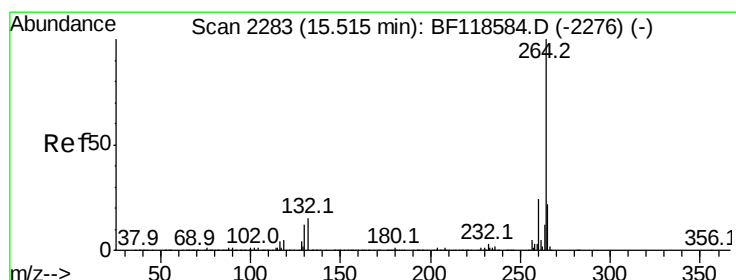
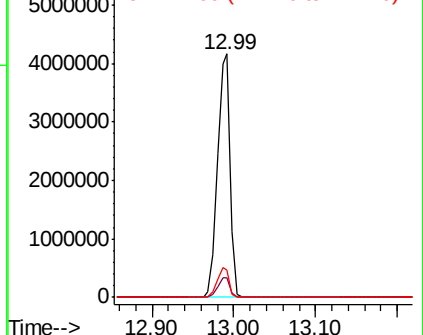
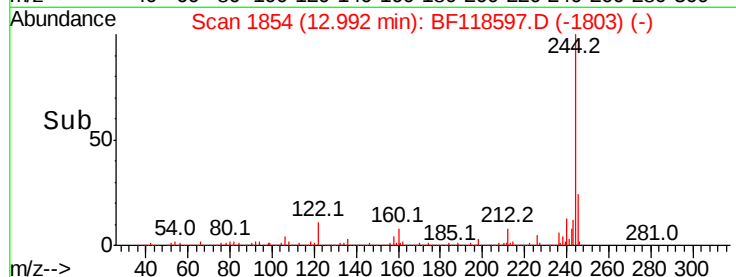


Abundance

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: 15.51 min Scan# 2282

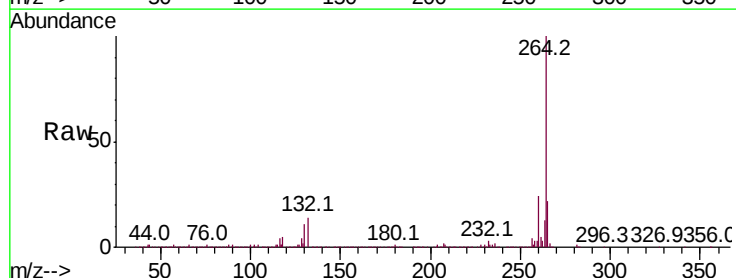
Delta R.T. -0.01 min

Lab File: BF118597.D

Acq: 20 Jan 2020 18:04

Tgt Ion:264 Resp: 1084727

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.1	17.7	26.5



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

