

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119152.D
 Acq On : 29 Feb 2020 1:43
 Operator : CG/JU
 Sample : L1718-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:43:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

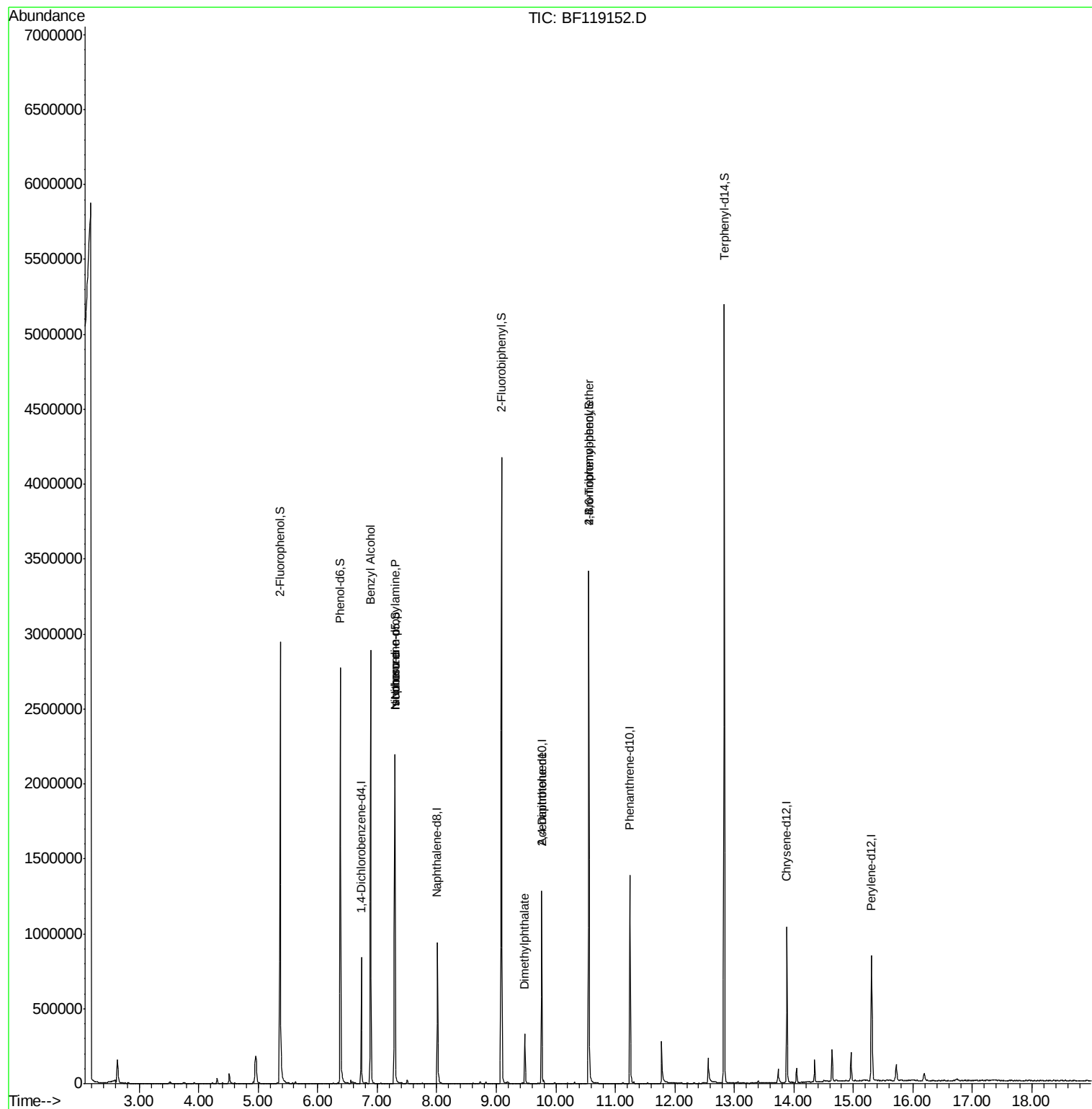
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124070	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	485748	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	268956	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	521045	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	345389	20.00	ng	-0.02
87) Perylene-d12	15.30	264	364777	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	912453	122.90	ng	0.00
7) Phenol-d6	6.38	99	1009058	111.76	ng	-0.02
23) Nitrobenzene-d5	7.30	82	797906	86.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	469574	133.46	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1564692	85.70	ng	-0.02
79) Terphenyl-d14	12.83	244	1952936	97.35	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13631	2.089	ng	# 50
19) n-Nitroso-di-n-propylamine	7.30	70	110157	20.937	ng	# 74
25) Isophorone	7.30	82	797902	49.940	ng	# 63
50) Dimethylphthalate	9.48	163	147665	7.180	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	34822	5.879	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	31079	4.563	ng	# 1

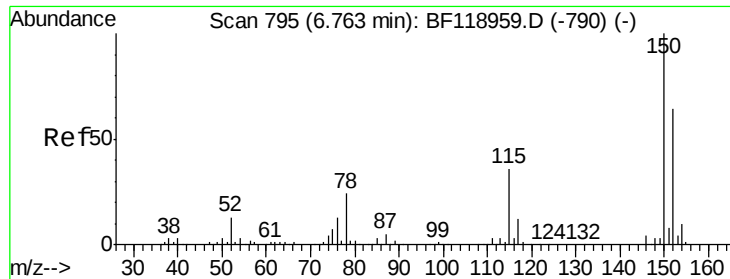
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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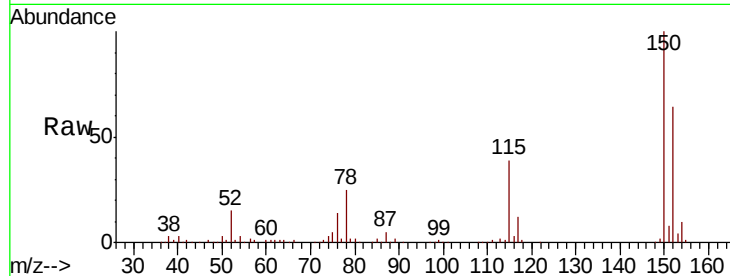


#1

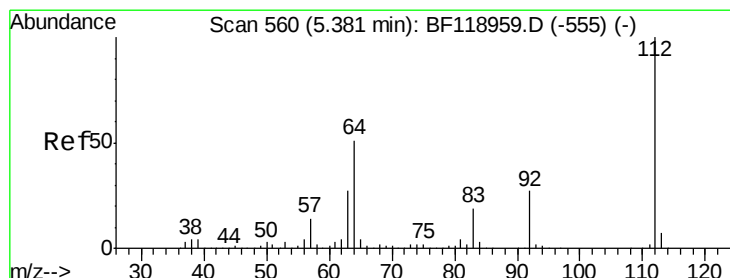
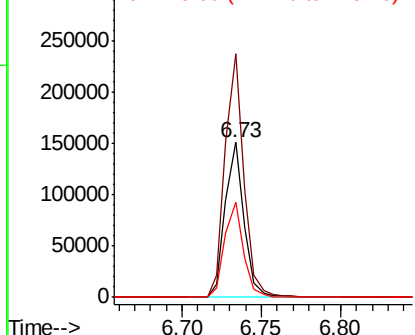
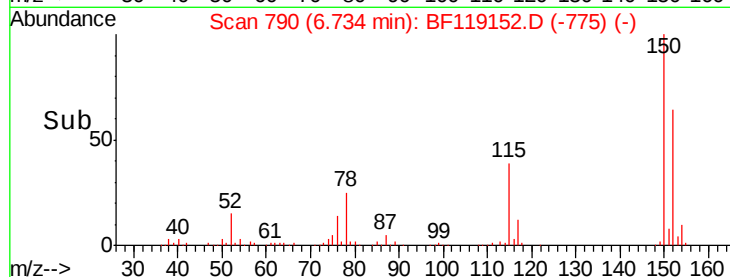
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124070
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.6
115 61.3 49.5 74.3



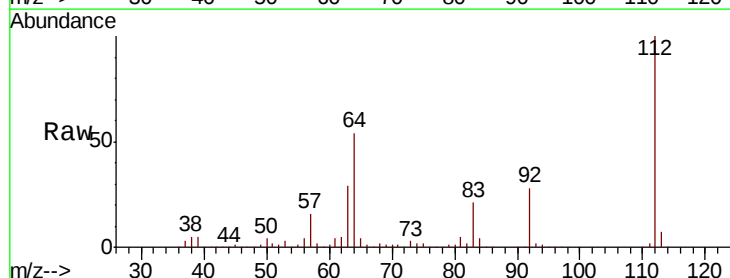
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



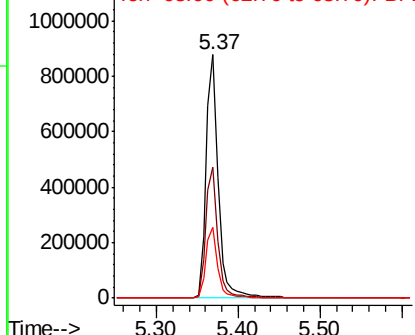
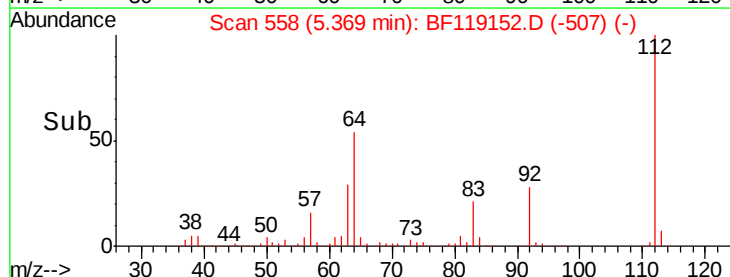
#5

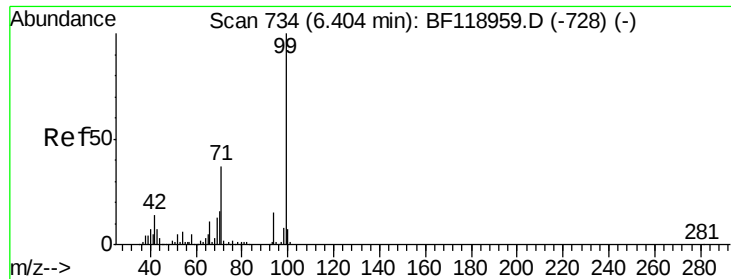
2-Fluorophenol
Concen: 122.904 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Tgt Ion:112 Resp: 912453
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 29.3 24.2 36.4



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: 111.756 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

Instrument :

BNA_F

ClientSampled :

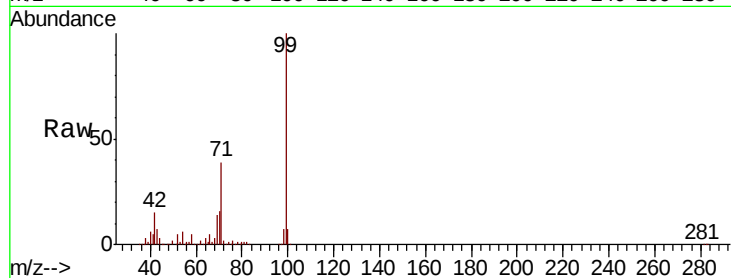
Tot Ion: 99 Resp: 1009058

Ion Ratio Lower Upper

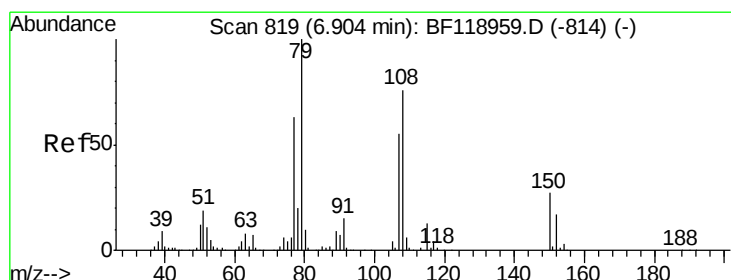
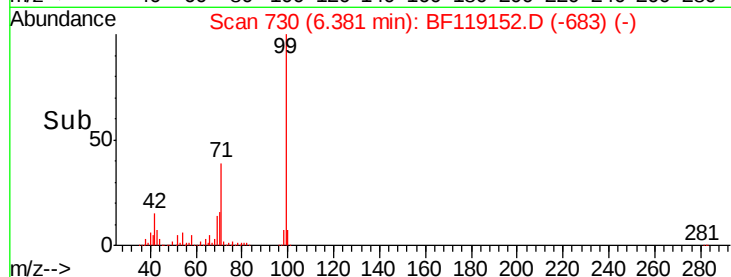
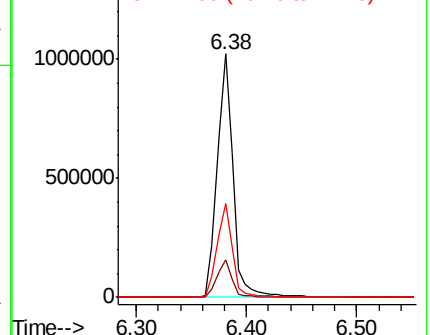
99 100

42 15.3 12.6 18.8

71 38.7 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.089 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

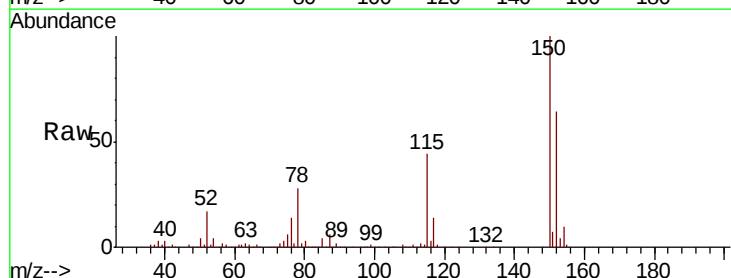
Tgt Ion: 79 Resp: 13631

Ion Ratio Lower Upper

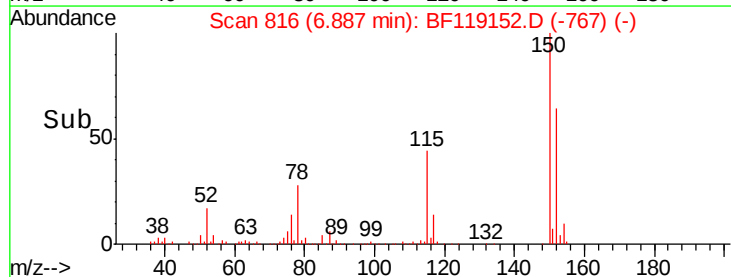
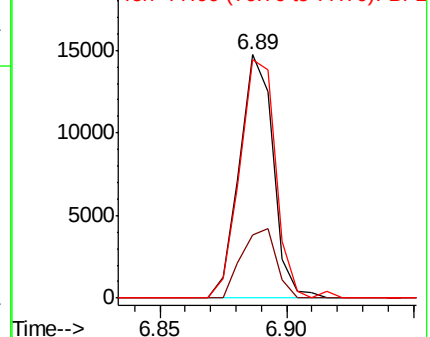
79 100

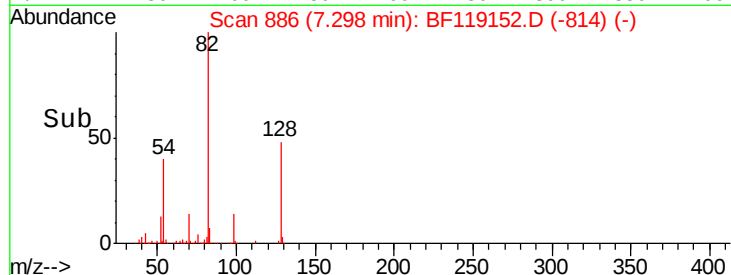
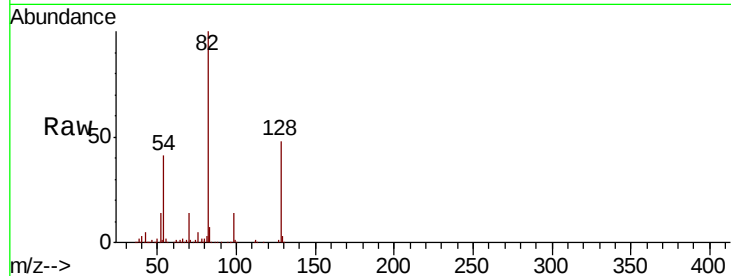
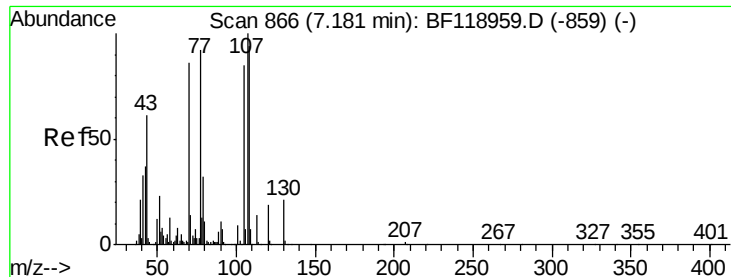
108 26.0 58.2 87.2#

77 97.7 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

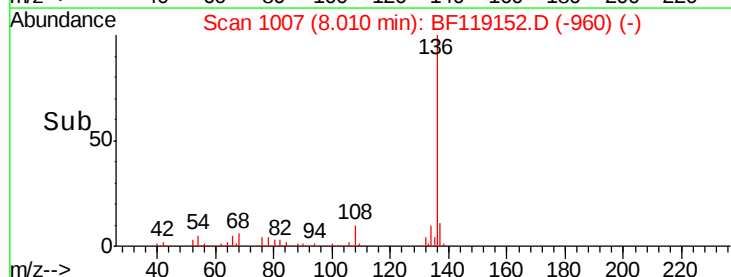
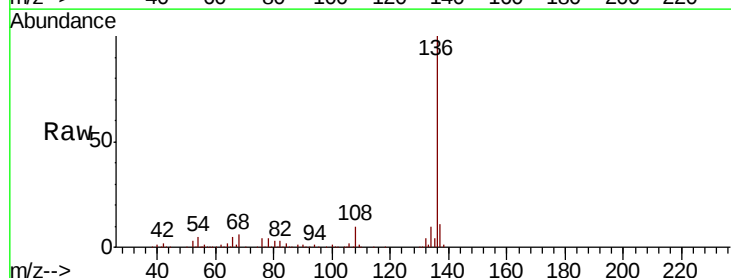
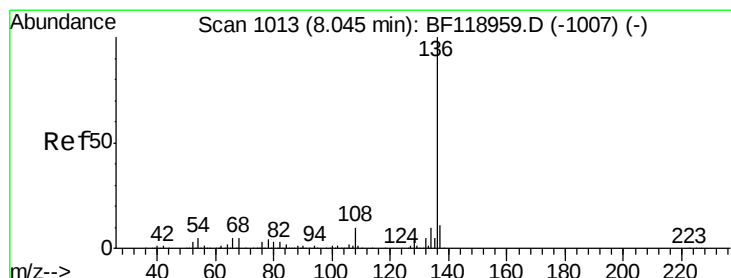
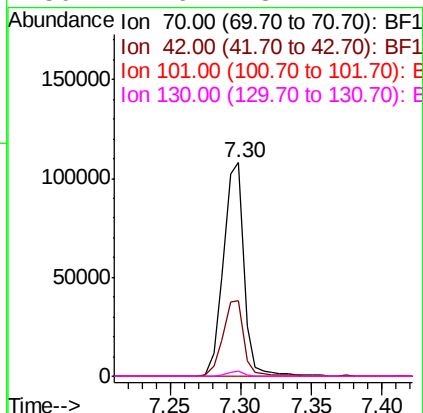




#19
n-Nitroso-di-n-propylamine
Concen: 20.937 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

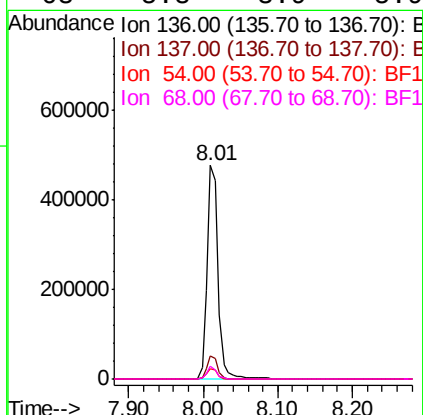
Instrument :
BNA_F
ClientSampleId :

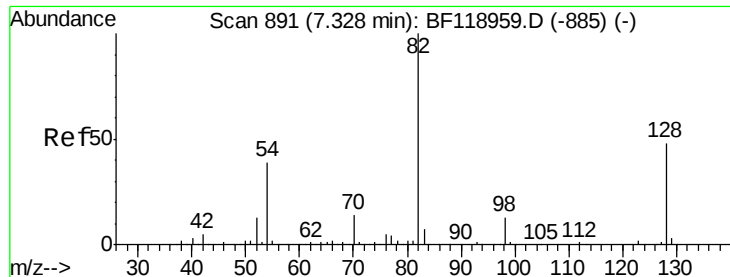
Tot Ion:	70	Resp:	110157
Ion	Ratio	Lower	Upper
70	100		
42	35.5	38.0	57.0#
101	0.0	8.2	12.4#
130	2.6	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Tgt Ion:	136	Resp:	485748
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.0	3.8	5.6
68	5.8	3.9	5.9

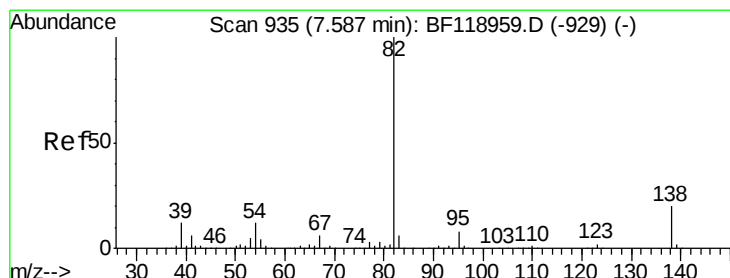
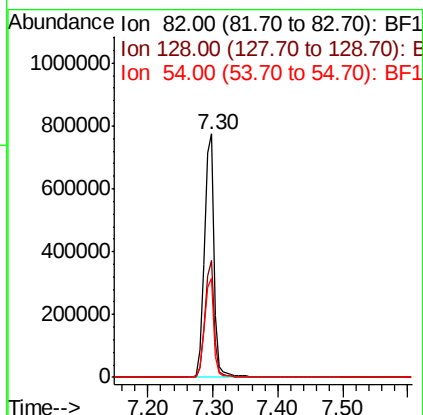
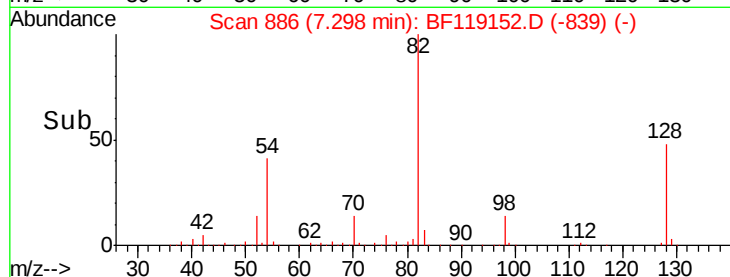
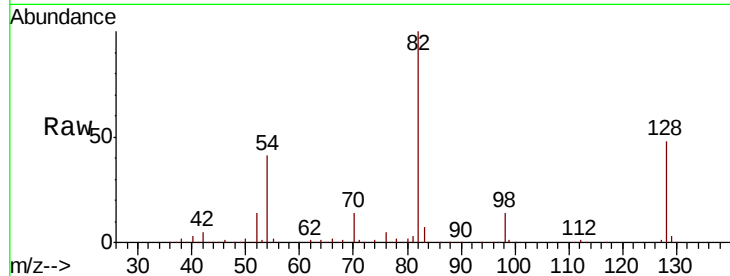




#23
Nitrobenzene-d5
Concen: 86.731 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

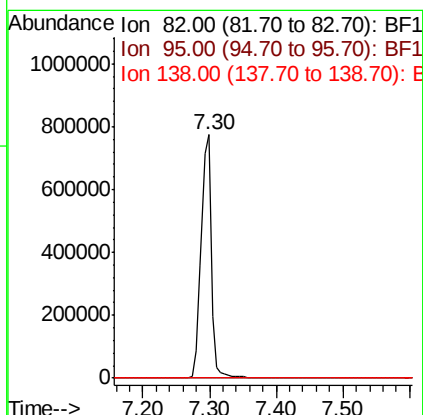
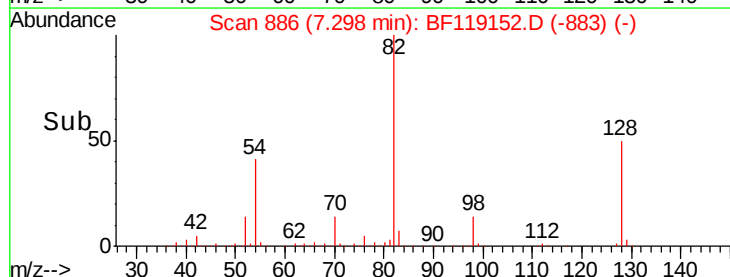
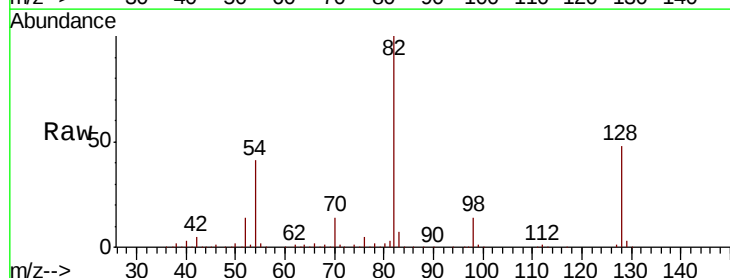
Instrument :
BNA_F
ClientSampleId :

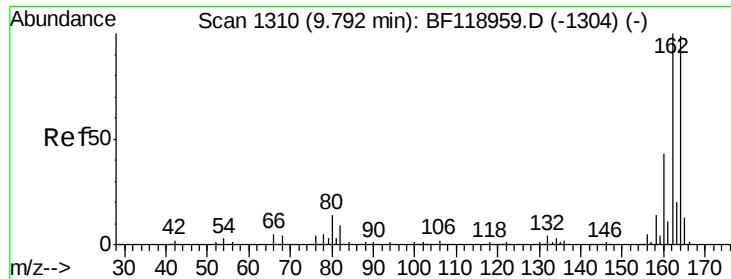
Tot Ion: 82 Resp: 797906
Ion Ratio Lower Upper
82 100
128 48.1 37.9 56.9
54 40.5 33.4 50.2



#25
Isophorone
Concen: 49.940 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Tgt Ion: 82 Resp: 797902
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

Instrument :

BNA_F

ClientSampleId :

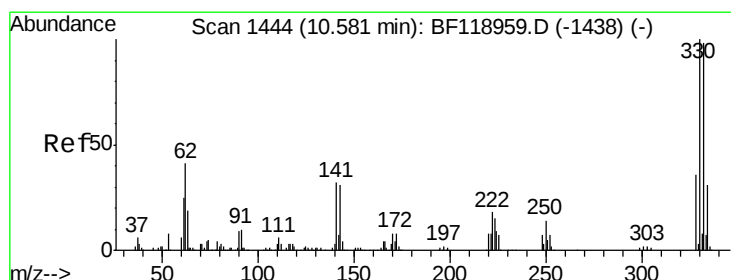
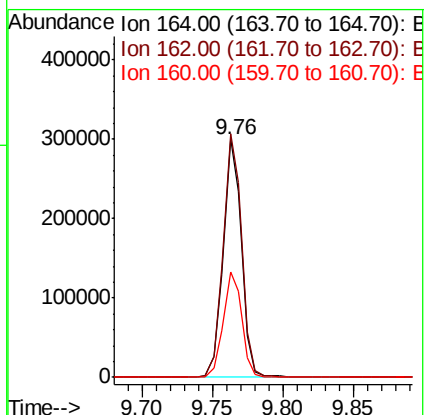
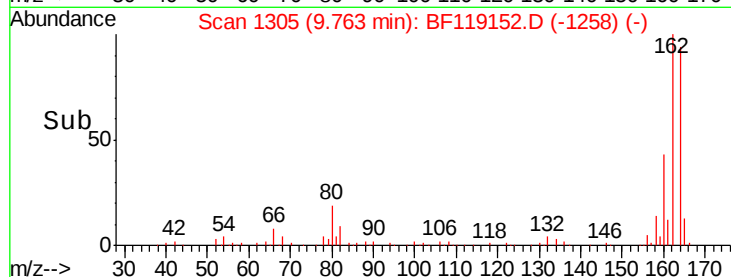
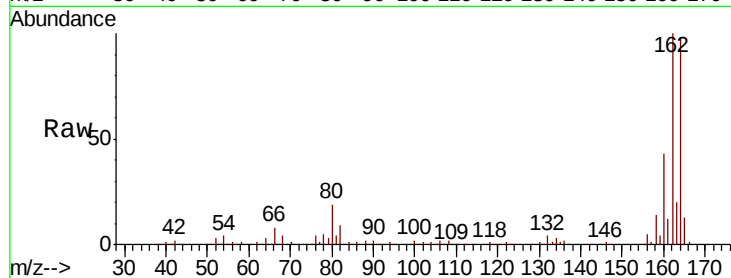
Tot Ion:164 Resp: 268956

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

160 44.1 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 133.462 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

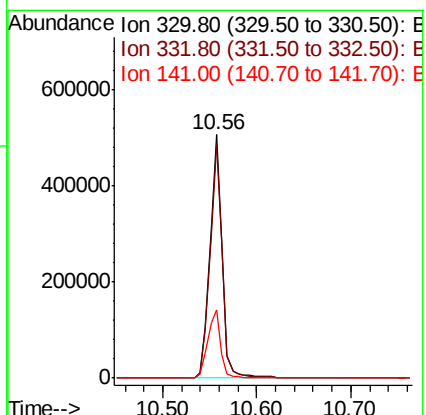
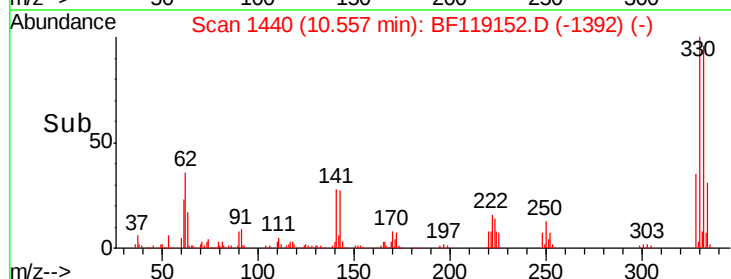
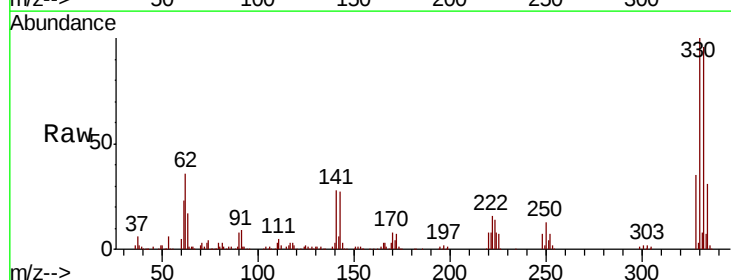
Tgt Ion:330 Resp: 469574

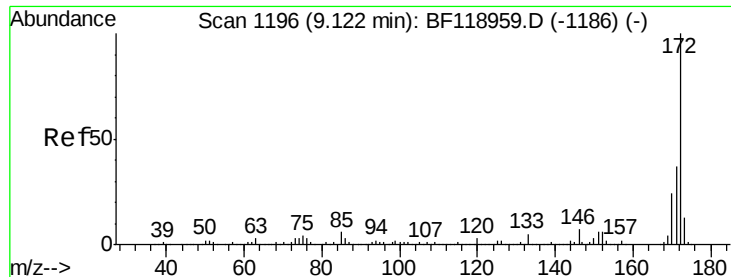
Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 29.4 22.9 34.3

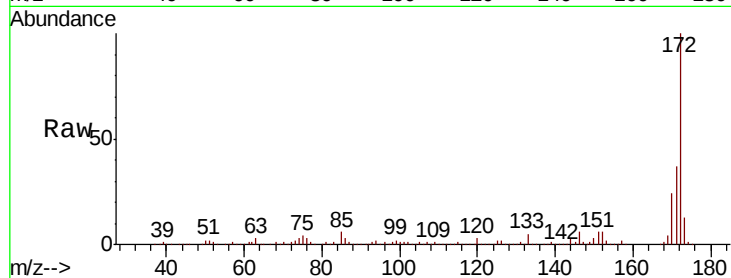




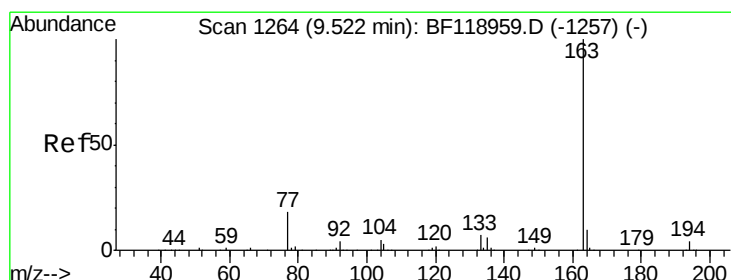
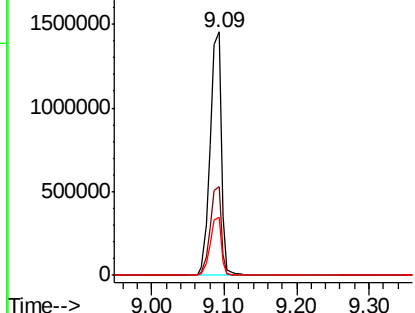
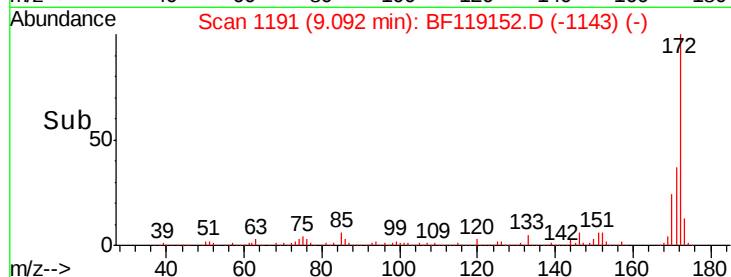
#45
2-Fluorobiphenyl
Concen: 85.704 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1564692
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 23.8 20.2 30.2

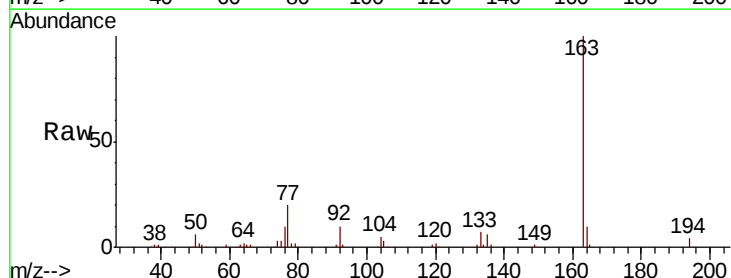


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

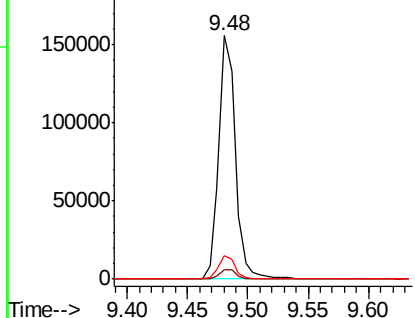
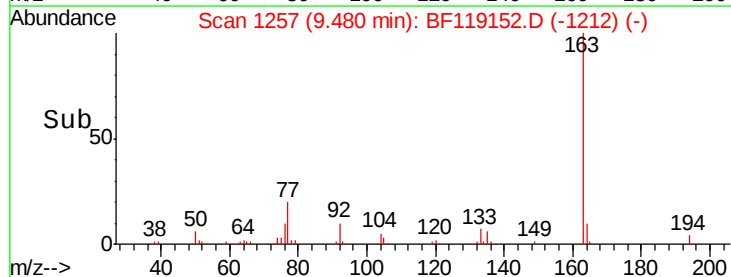


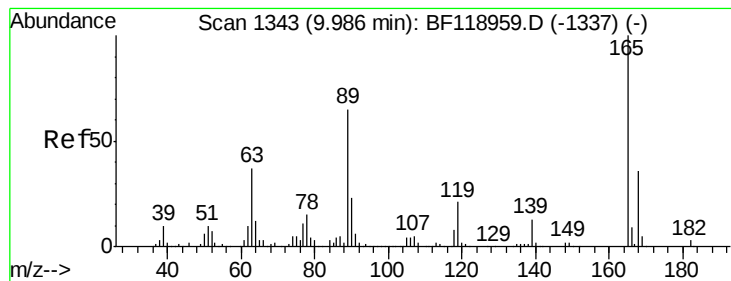
#50
Dimethylphthalate
Concen: 7.180 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Tgt Ion:163 Resp: 147665
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 5.879 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.22 min

Lab File: BF119152.D

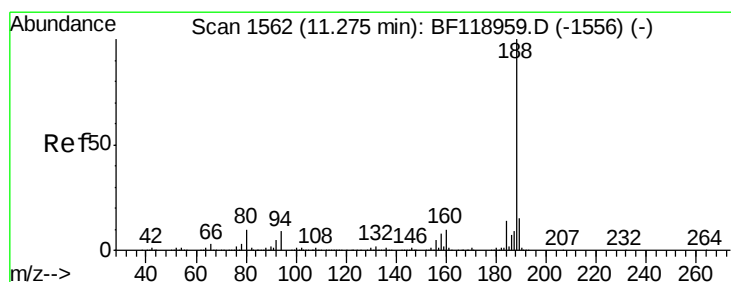
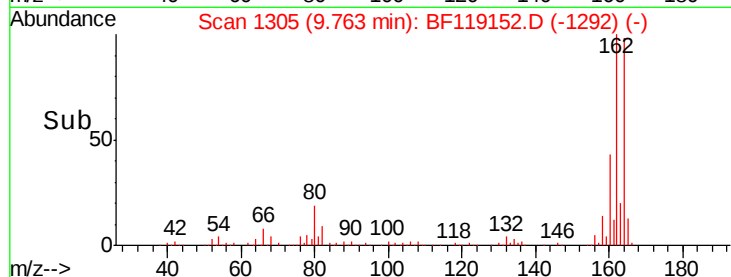
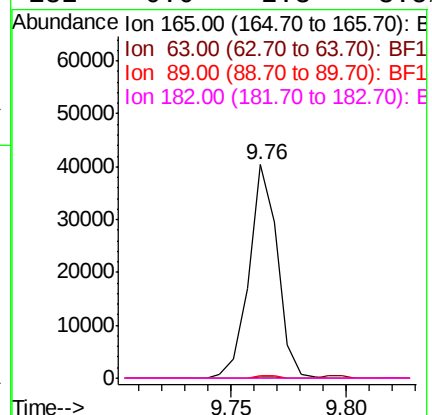
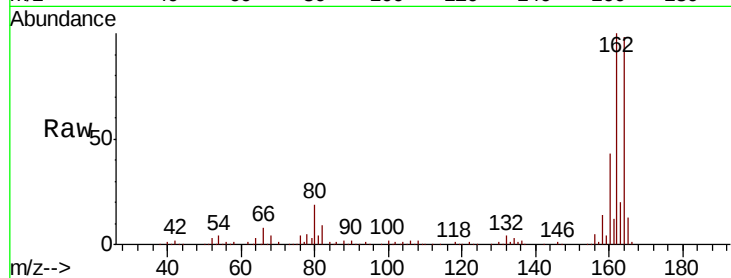
Acq: 29 Feb 2020 1:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	34822
Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.3	63.5#
89	1.2	60.2	90.4#
182	0.0	2.3	3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

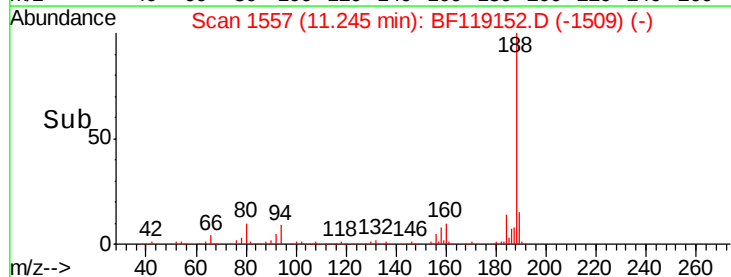
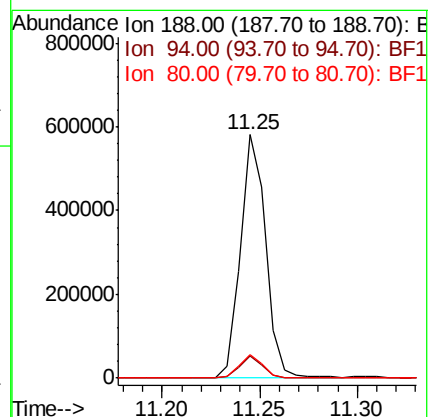
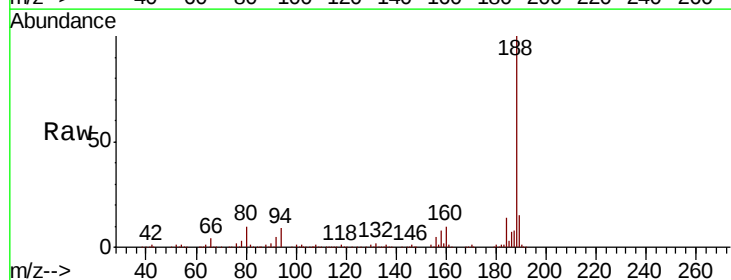
RT: 11.25 min Scan# 1557

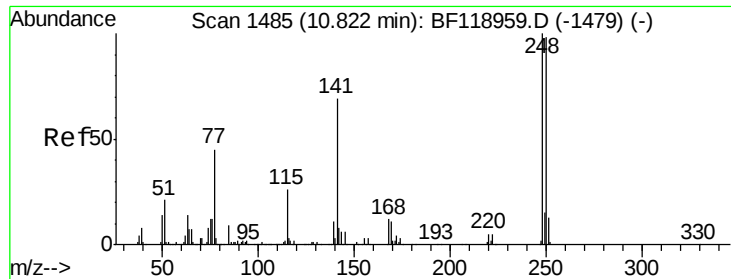
Delta R.T. -0.02 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

Tgt Ion:	188	Resp:	521045
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.8	7.8	11.8

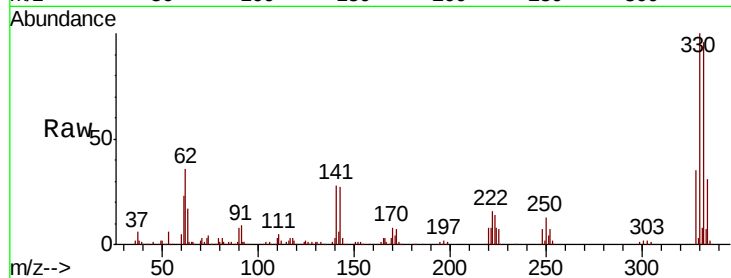




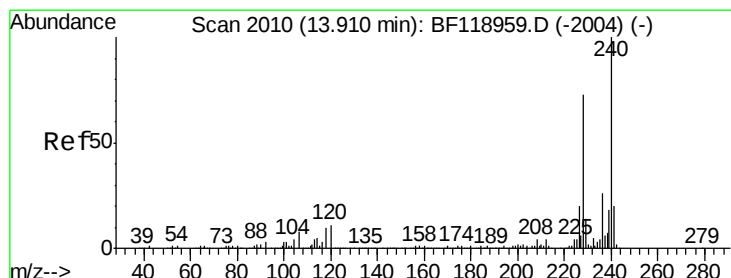
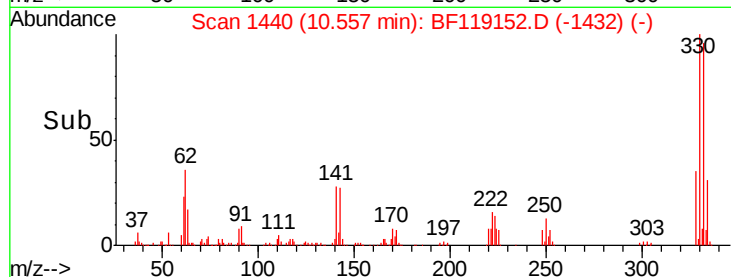
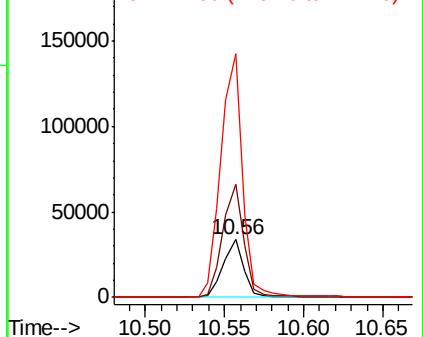
#67
4-Bromophenyl-phenylether
Concen: 4.563 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31079
Ion Ratio Lower Upper
248 100
250 195.9 76.7 115.1#
141 421.6 60.7 91.1#

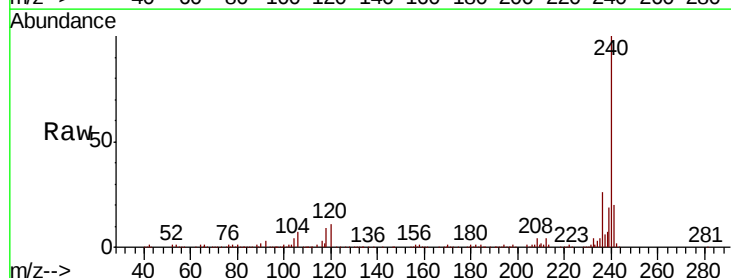


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

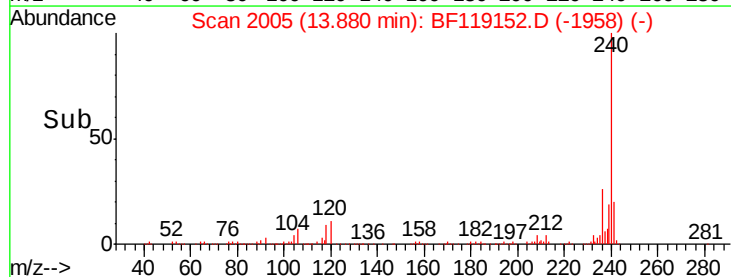
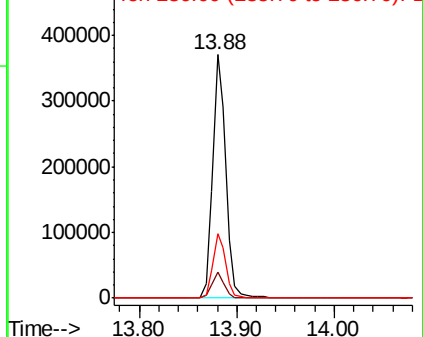


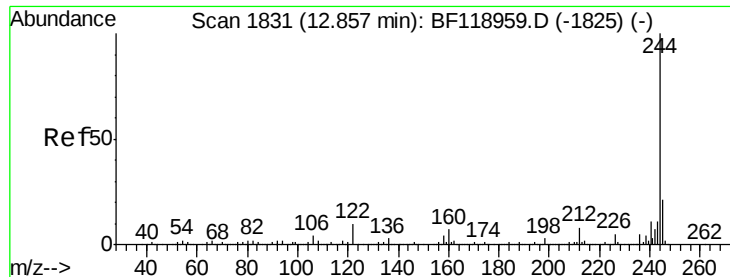
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119152.D
Acq: 29 Feb 2020 1:43

Tgt Ion:240 Resp: 345389
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 26.3 21.0 31.4



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: 97.349 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

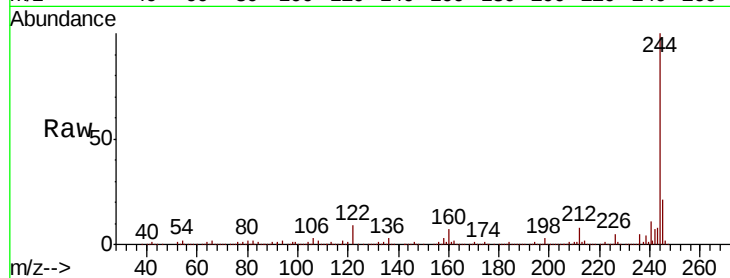
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1952936

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	9.5	8.2	12.2

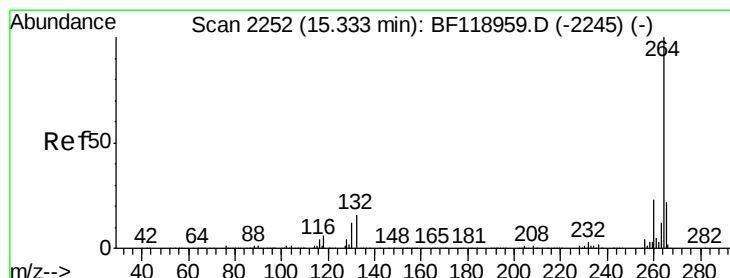
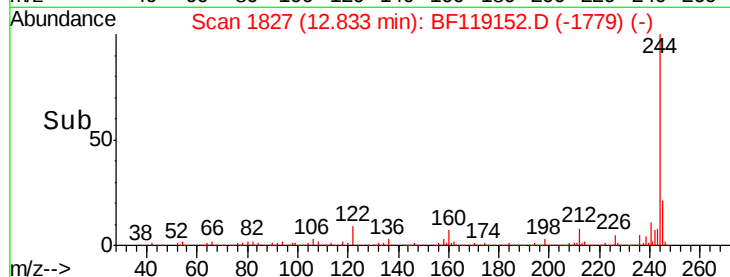
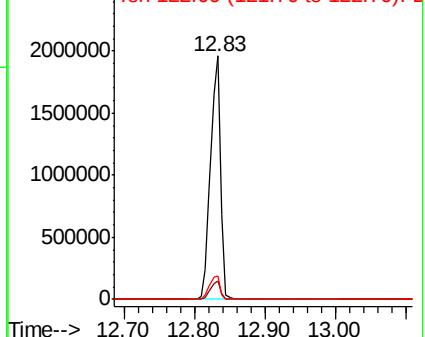


Abundance

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: 15.30 min Scan# 2247

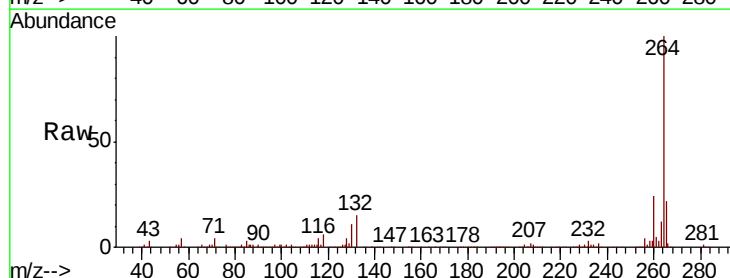
Delta R.T. -0.02 min

Lab File: BF119152.D

Acq: 29 Feb 2020 1:43

Tgt Ion:264 Resp: 364777

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.2	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

