

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118919.D
 Acq On : 13 Feb 2020 14:43
 Operator : CG/JU
 Sample : PB126794BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:35:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

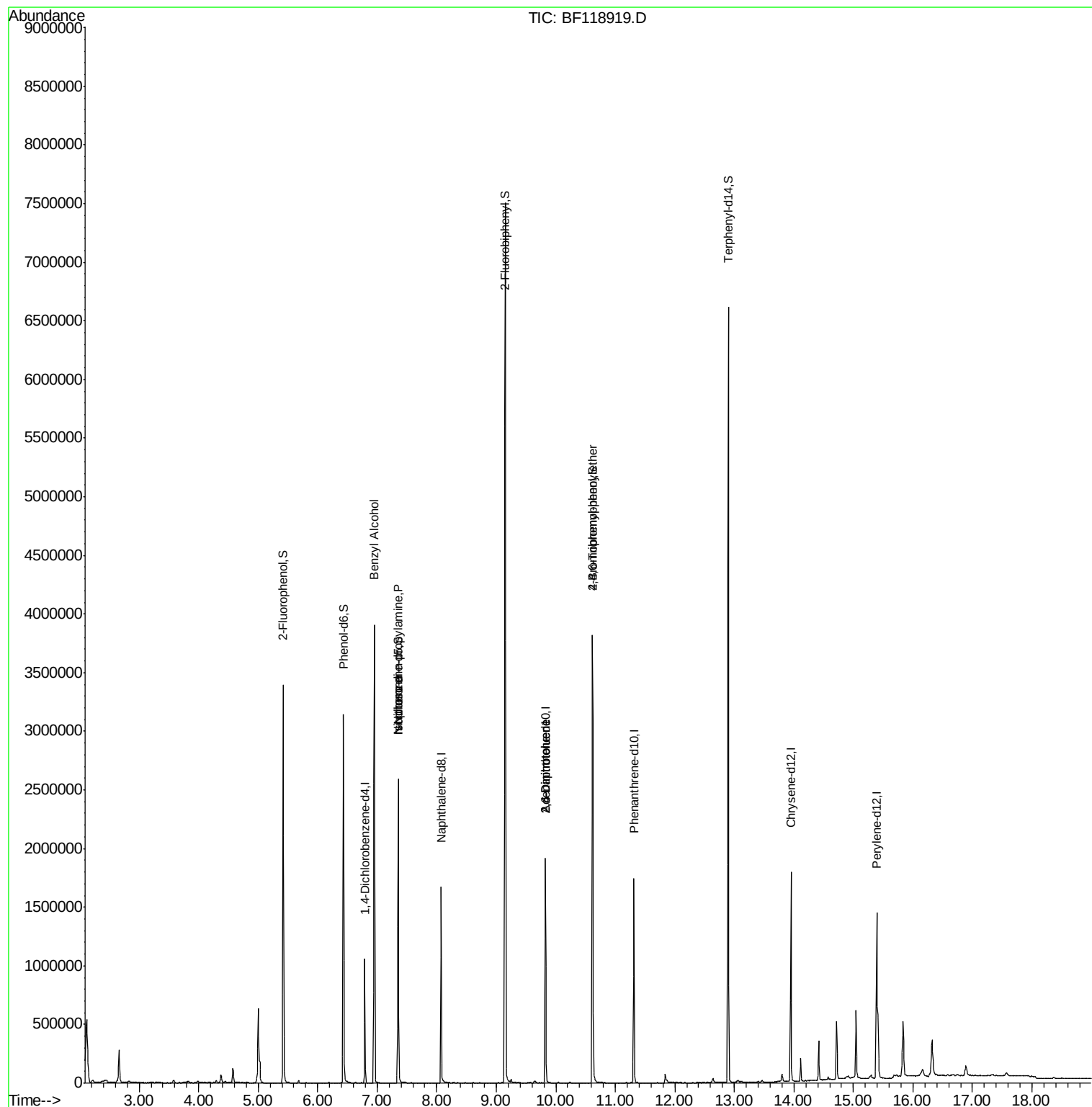
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153103	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	755032	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	389155	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	660667	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	679313	20.00	ng	-0.03
87) Perylene-d12	15.39	264	683325	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	975763	120.64	ng	-0.01
7) Phenol-d6	6.43	99	1104350	109.99	ng	-0.02
23) Nitrobenzene-d5	7.36	82	925820	73.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	578731	124.29	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2499611	114.83	ng	-0.03
79) Terphenyl-d14	12.90	244	2717710	82.18	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.39	77	220	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.95	79	15809	2.037 ng	#	50
19) n-Nitroso-di-n-propylamine	7.36	70	127798	20.803 ng	#	75
25) Isophorone	7.36	82	925813	40.667 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	49814	8.216 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	49814	6.208 ng	#	34
67) 4-Bromophenyl-phenylether	10.62	248	37395	4.785 ng	#	1

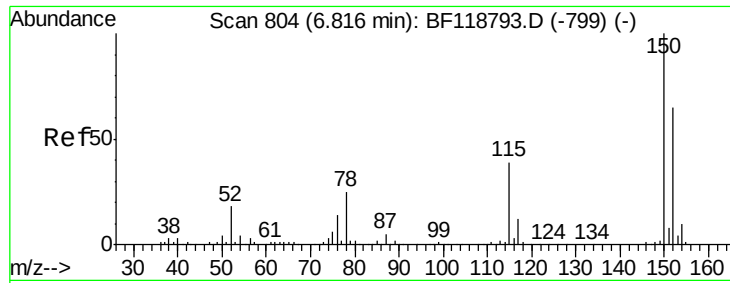
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB126794BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 00:35:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



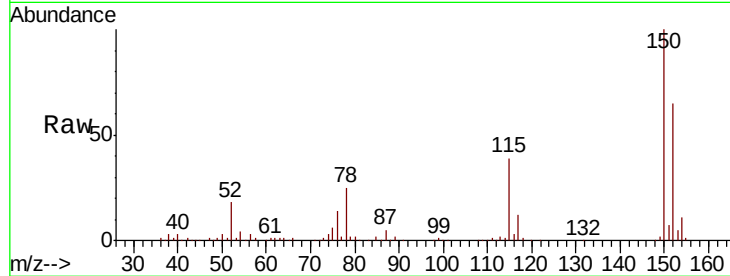


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.6	185.4
115	60.2	48.2	72.2

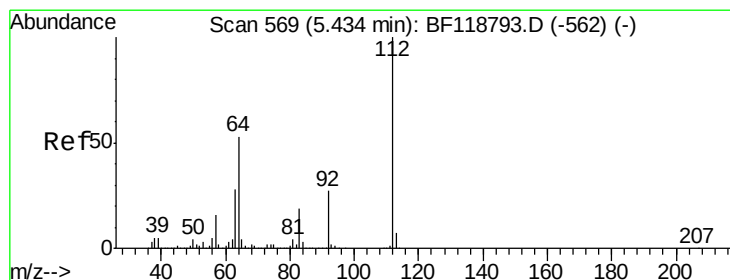
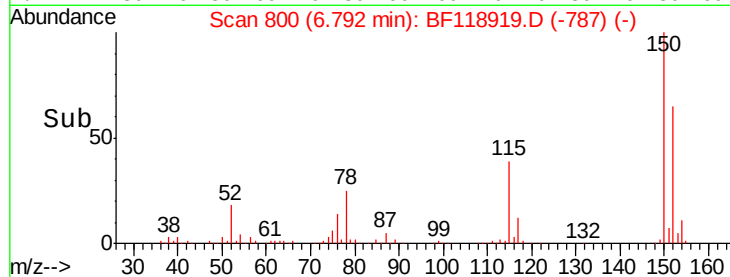
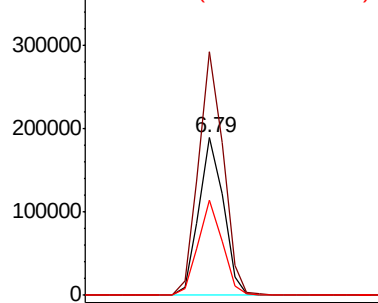


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

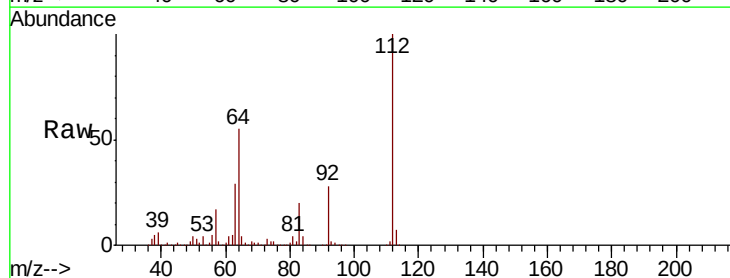
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.641 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.6	63.8
63	29.2	22.2	33.4

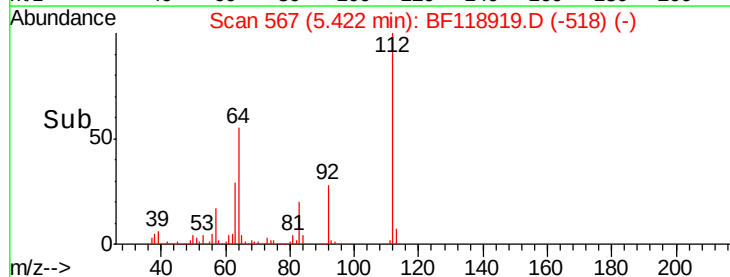
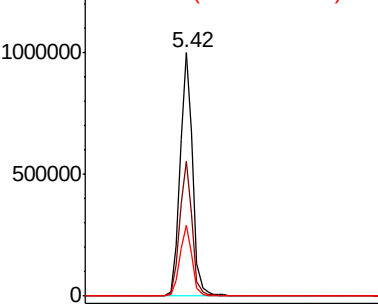


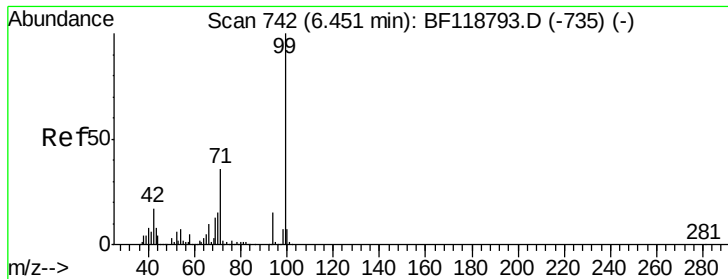
Abundance

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: 109.992 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118919.D

Acq: 13 Feb 2020 14:43

Instrument :

BNA_F

ClientSampleId :

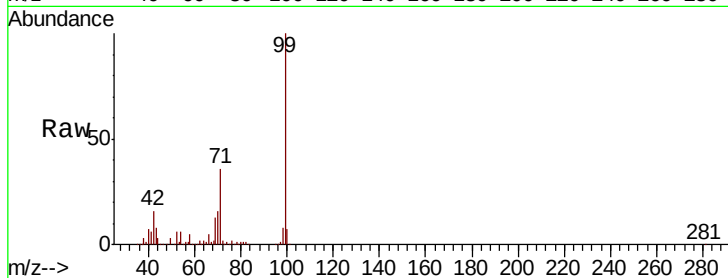
Tot Ion: 99 Resp: 1104350

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.0

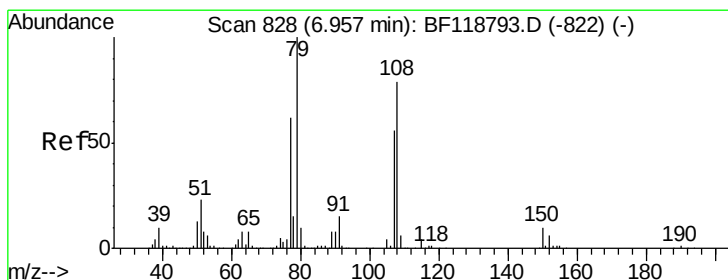
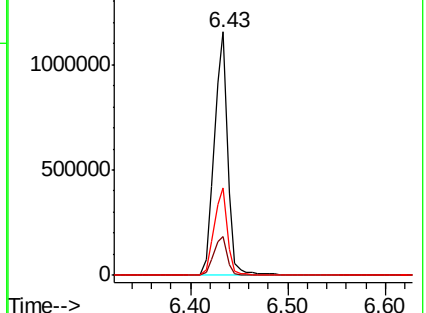
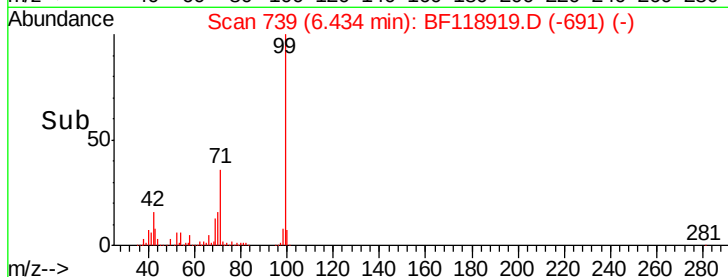
71 36.2 29.0 43.6



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: 2.037 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118919.D

Acq: 13 Feb 2020 14:43

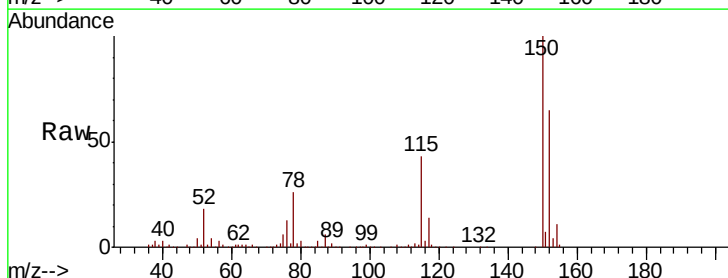
Tgt Ion: 79 Resp: 15809

Ion Ratio Lower Upper

79 100

108 32.1 62.9 94.3#

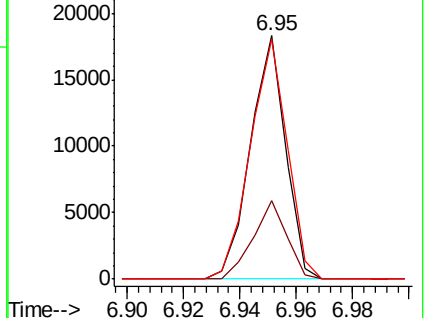
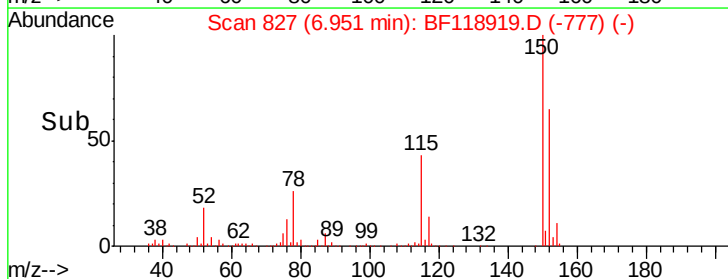
77 98.3 50.0 75.0#

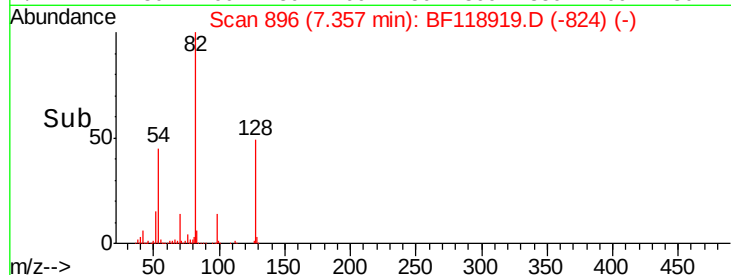
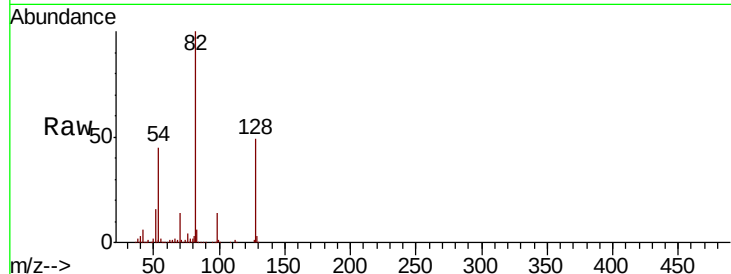
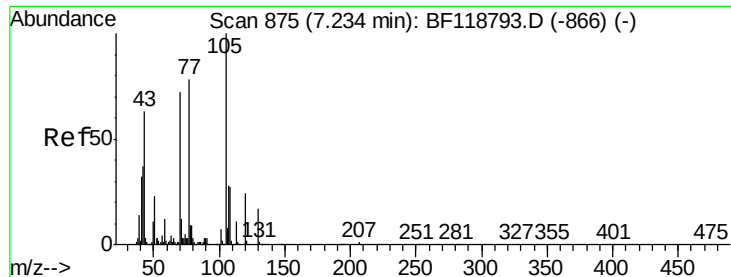


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

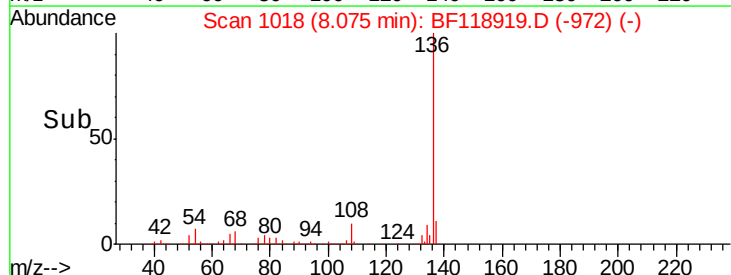
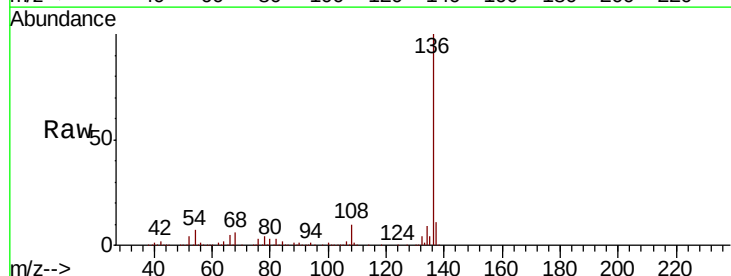
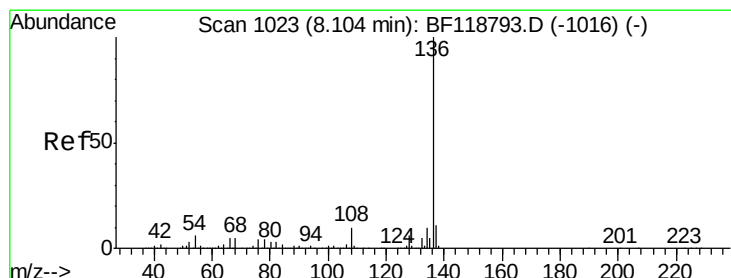
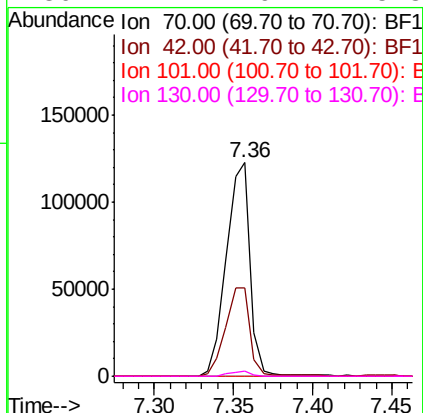




#19
n-Nitroso-di-n-propylamine
Concen: 20.803 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.12 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

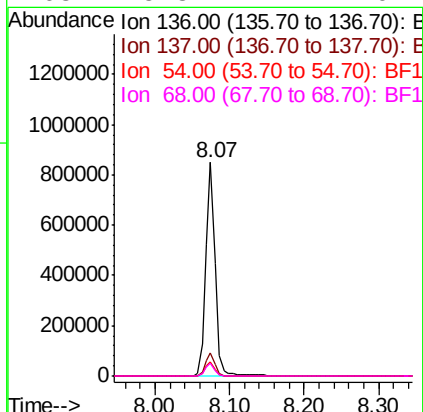
Instrument :
BNA_F
ClientSampleId :

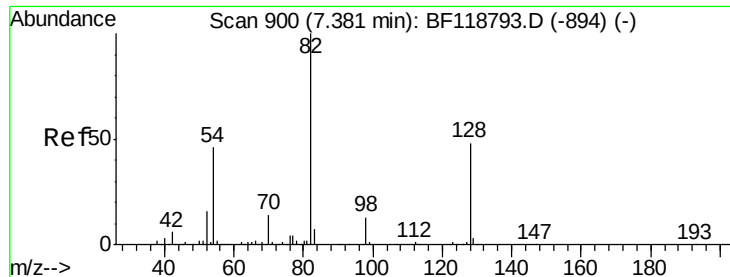
Tot Ion:	70	Resp:	127798
Ion	Ratio	Lower	Upper
70	100		
42	41.5	41.5	62.3
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Tgt Ion:	136	Resp:	755032
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.0	7.6
68	5.8	4.2	6.4

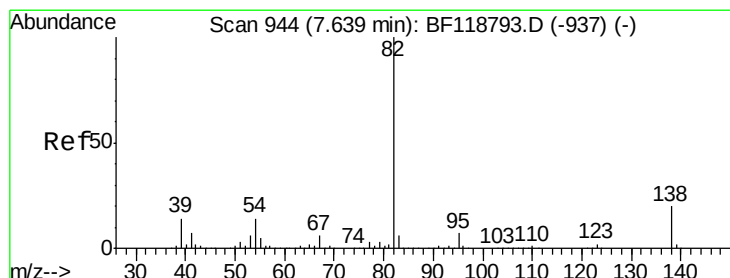
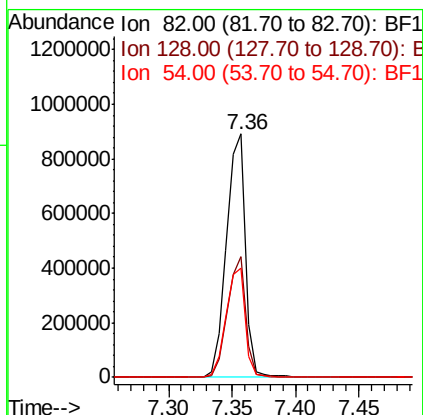
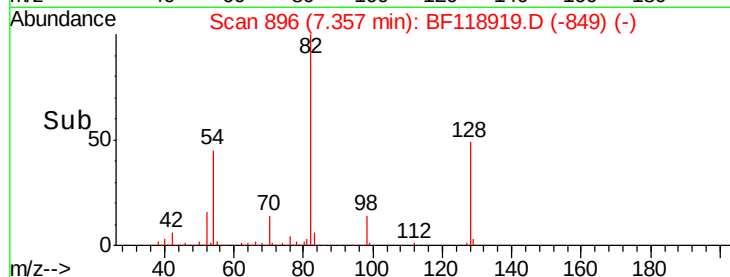
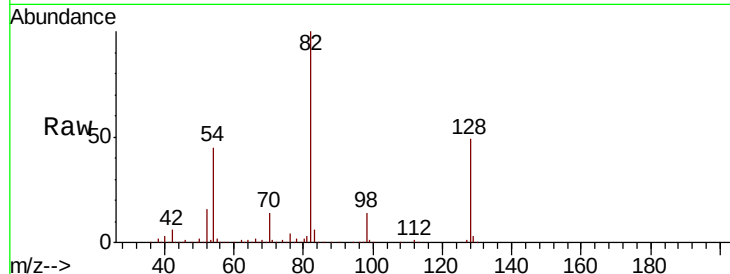




#23
Nitrobenzene-d5
Concen: 73.088 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

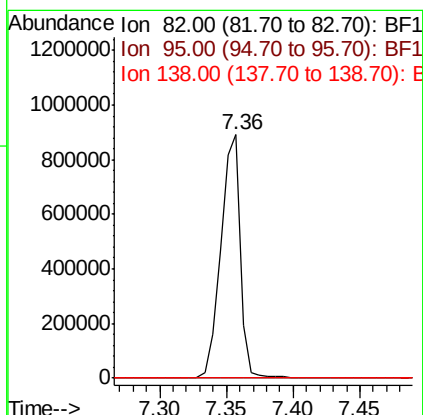
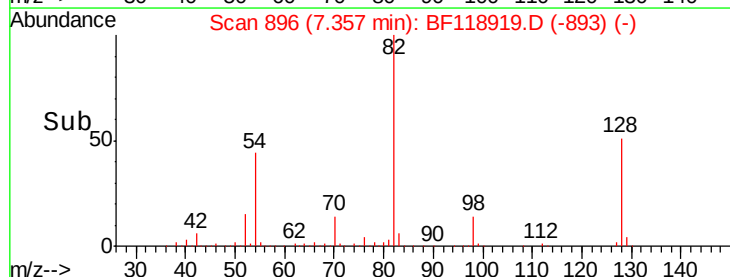
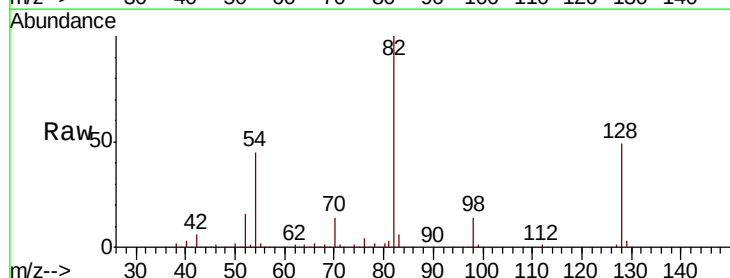
Instrument :
BNA_F
ClientSampled :

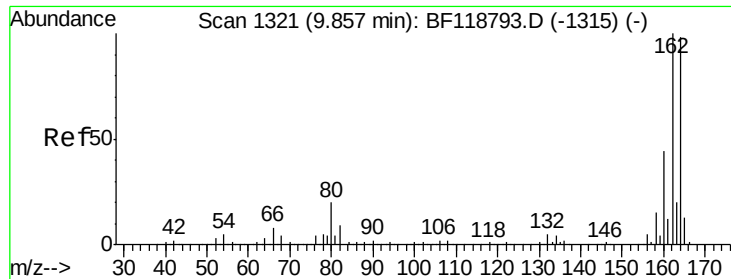
Tot Ion: 82 Resp: 925820
Ion Ratio Lower Upper
82 100
128 49.4 38.5 57.7
54 44.7 36.7 55.1



#25
Isophorone
Concen: 40.667 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Tgt Ion: 82 Resp: 925813
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF118919.D

Acq: 13 Feb 2020 14:43

Instrument :

BNA_F

ClientSampleId :

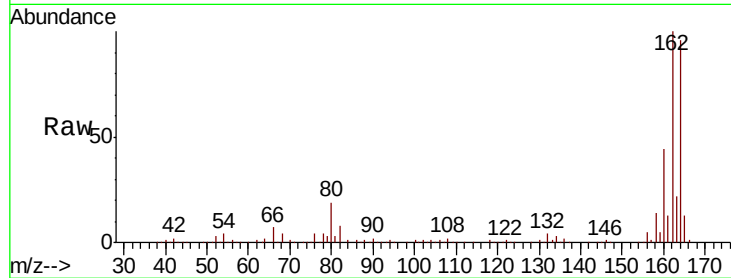
Tot Ion:164 Resp: 389155

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.2

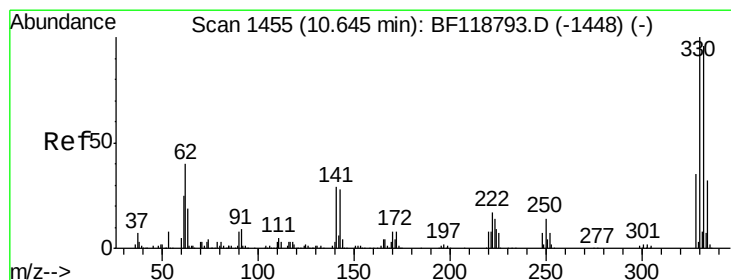
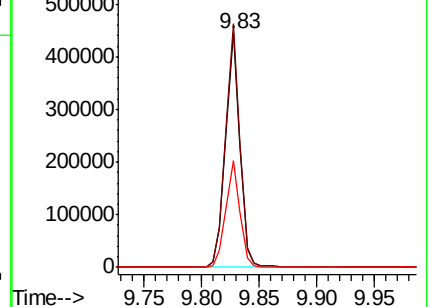
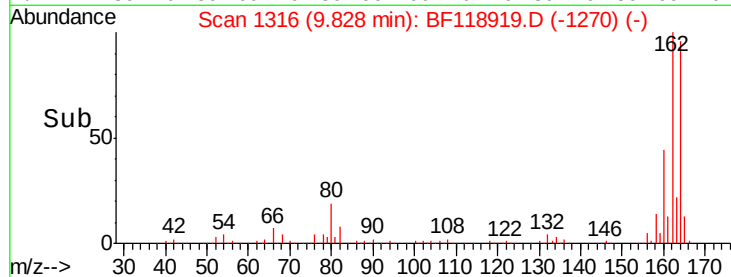
160 45.4 35.6 53.4



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: 124.289 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.03 min

Lab File: BF118919.D

Acq: 13 Feb 2020 14:43

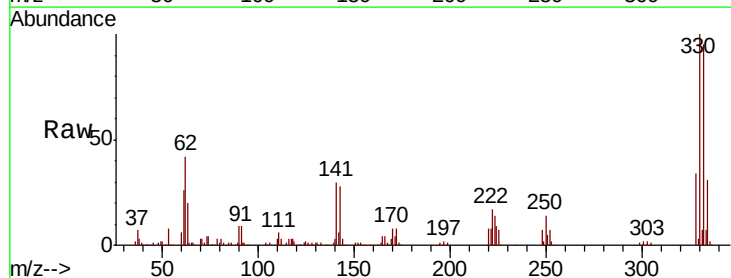
Tgt Ion:330 Resp: 578731

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

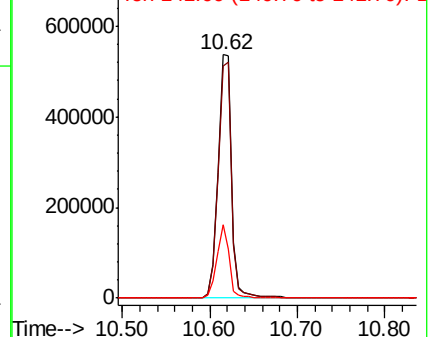
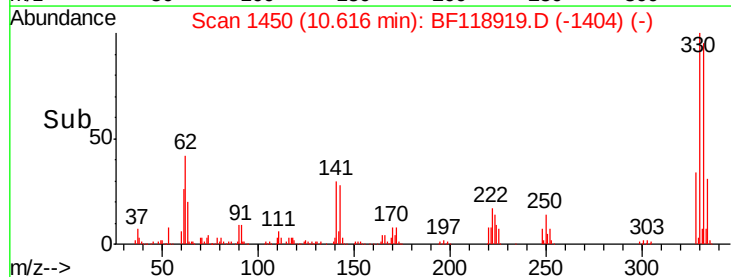
141 27.7 22.4 33.6

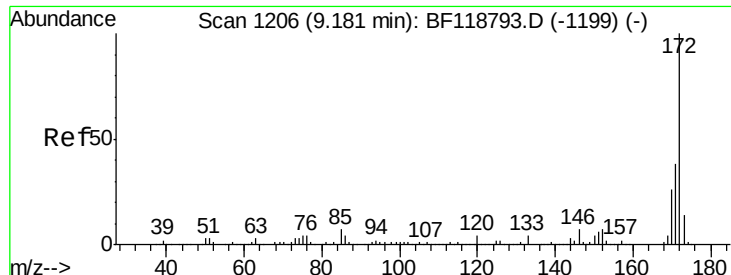


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

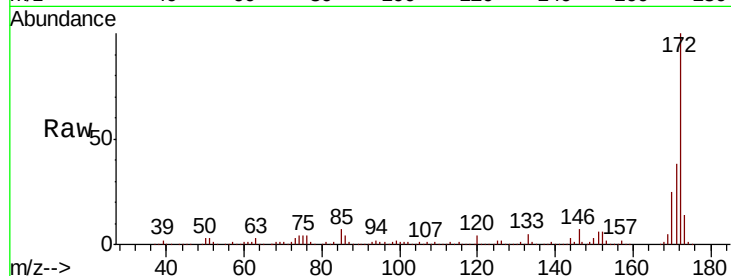




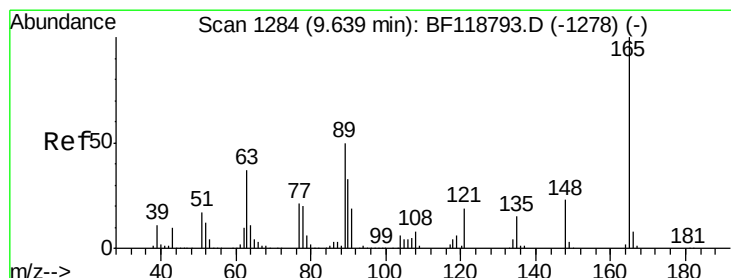
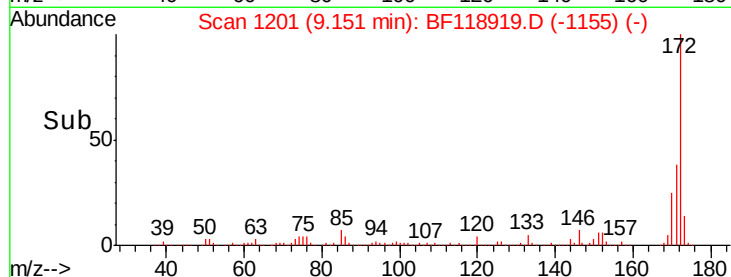
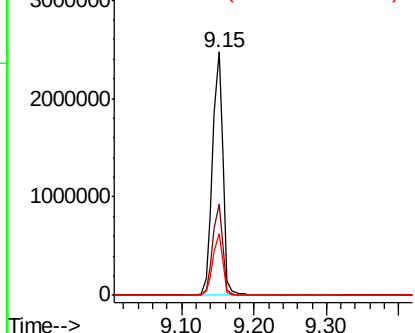
#45
2-Fluorobiphenyl
Concen: 114.827 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2499611
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 25.2 20.5 30.7

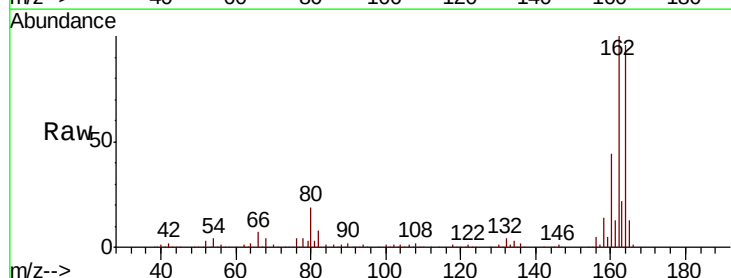


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

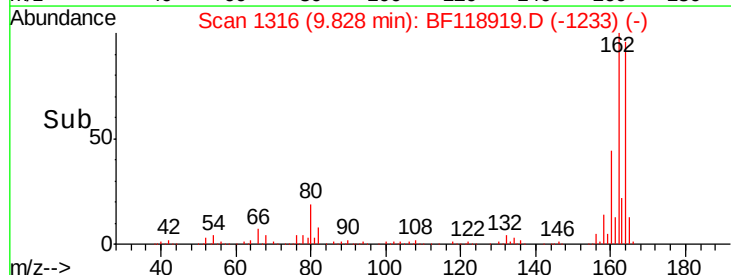
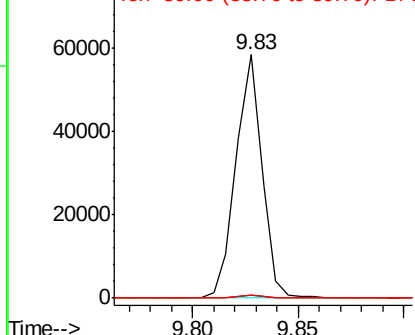


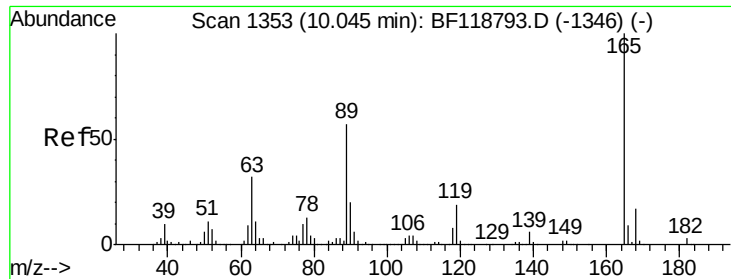
#51
2,6-Dinitrotoluene
Concen: 8.216 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Tgt Ion:165 Resp: 49814
Ion Ratio Lower Upper
165 100
63 1.0 37.4 56.0#
89 1.2 39.7 59.5#



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

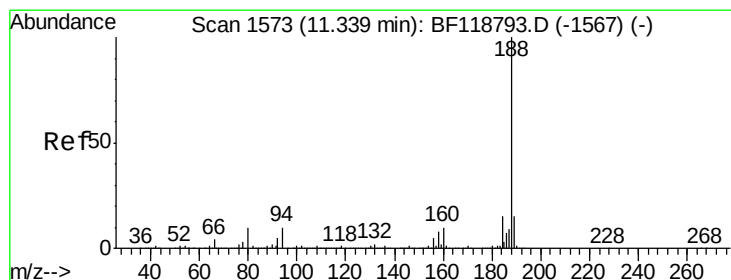
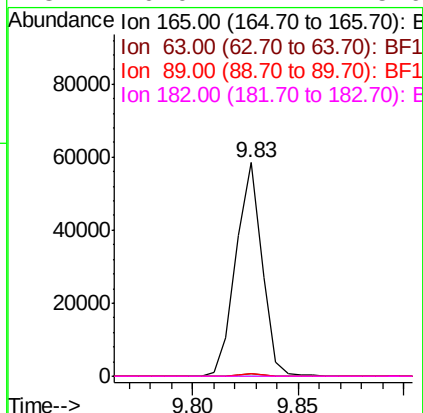
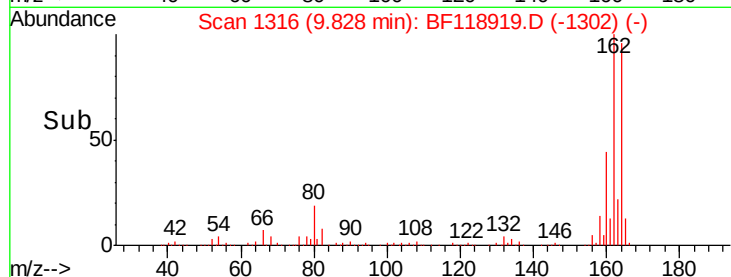
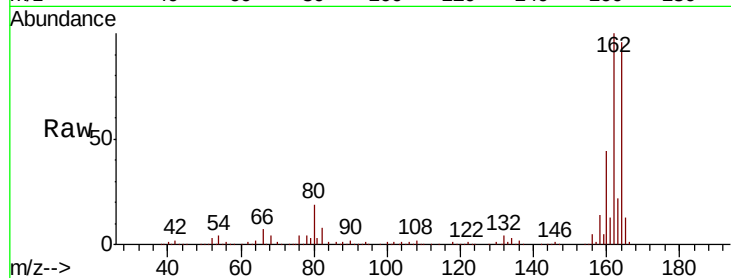




#57
 2,4-Dinitrotoluene
 Concen: 6.208 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF118919.D
 Acq: 13 Feb 2020 14:43

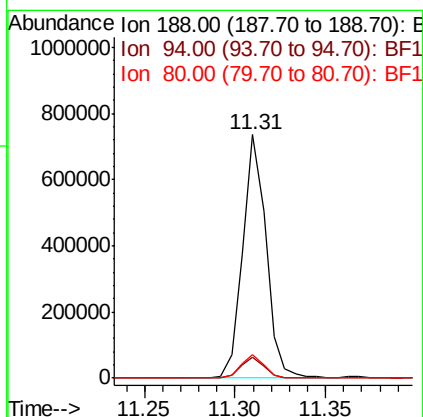
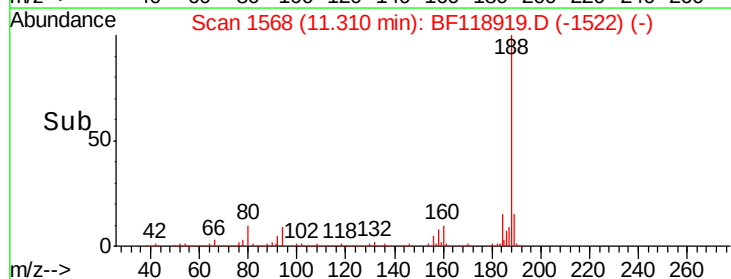
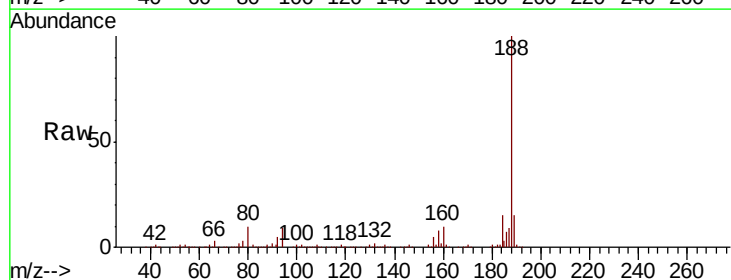
Instrument :
 BNA_F
 ClientSampleId :

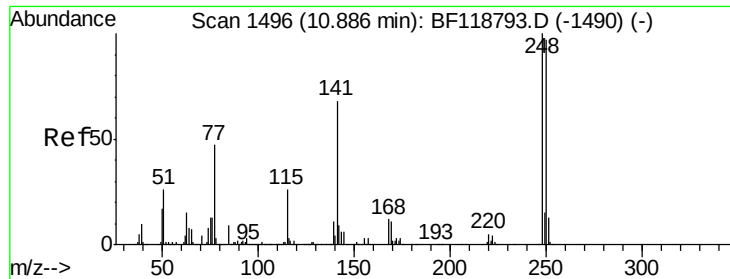
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.2	45.4	68.0#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.03 min
 Lab File: BF118919.D
 Acq: 13 Feb 2020 14:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.9	11.9
80	9.7	8.4	12.6

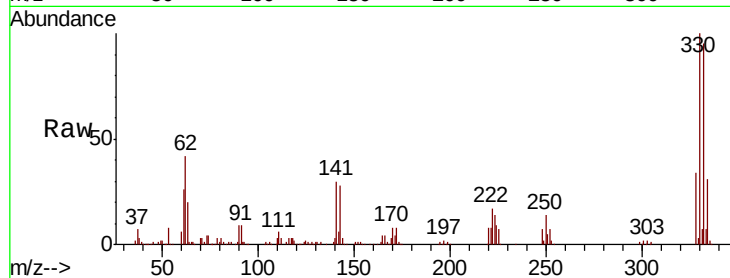




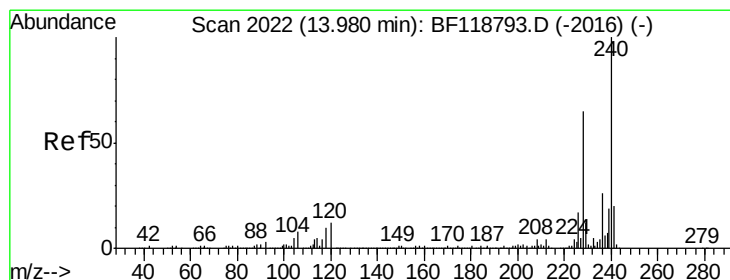
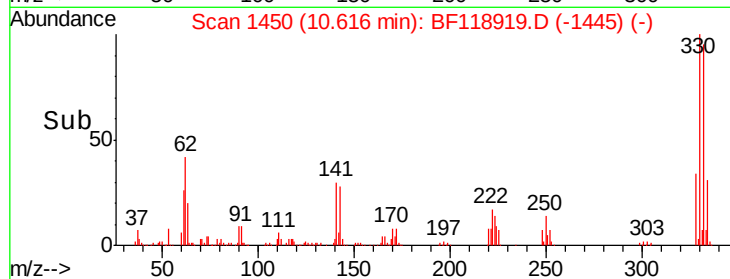
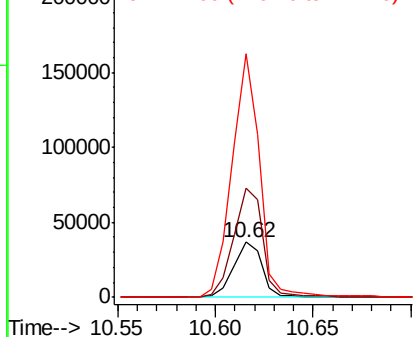
#67
4-Bromophenyl-phenylether
Concen: 4.785 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.27 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 37395
Ion Ratio Lower Upper
248 100
250 198.9 77.6 116.4#
141 443.9 54.4 81.6#

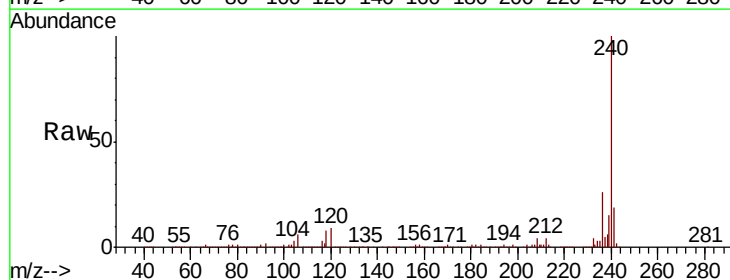


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

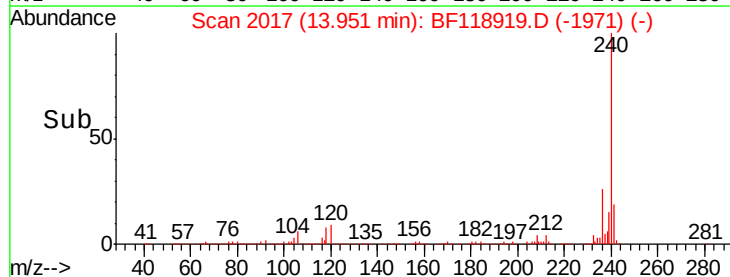
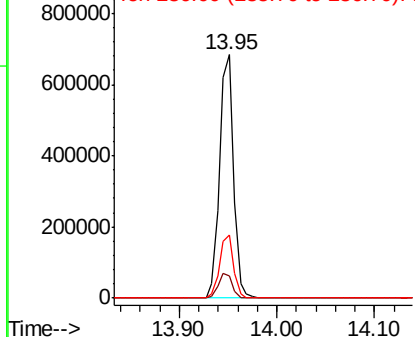


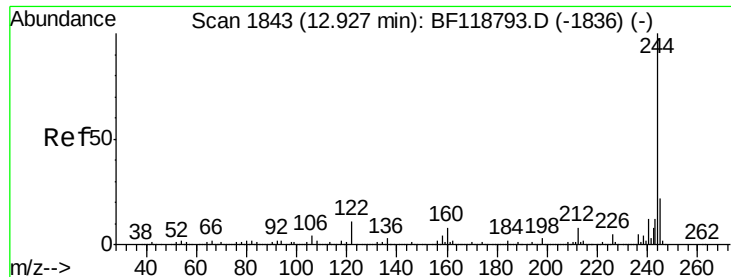
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF118919.D
Acq: 13 Feb 2020 14:43

Tgt Ion:240 Resp: 679313
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.0#
236 26.1 21.0 31.6



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: 82.176 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118919.D

Acq: 13 Feb 2020 14:43

Instrument :

BNA_F

ClientSampleId :

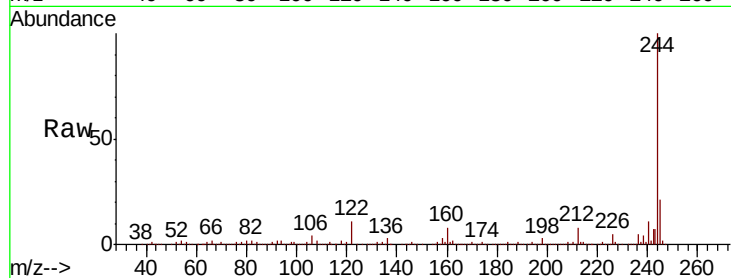
Tot Ion:244 Resp: 2717710

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

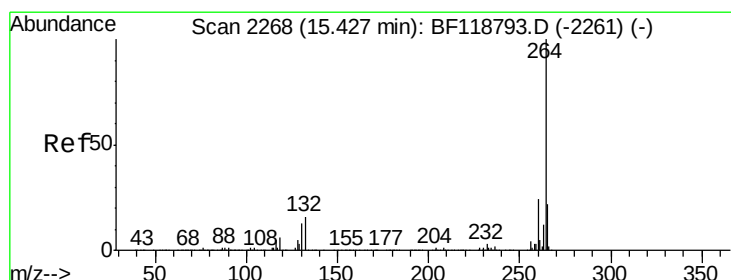
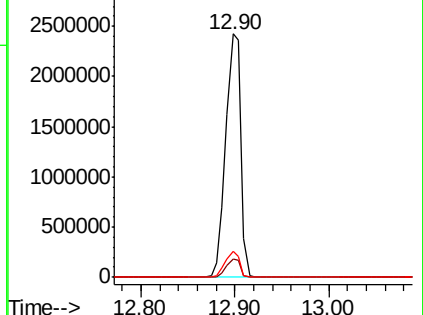
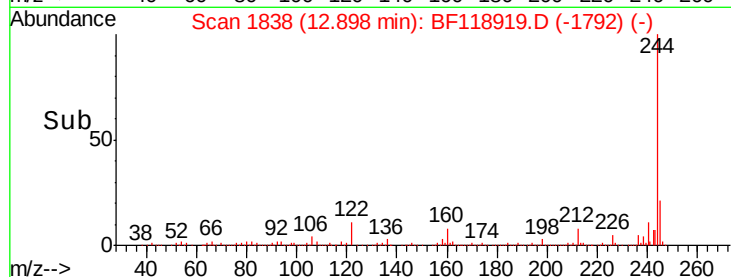
122 10.8 8.9 13.3



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: 15.39 min Scan# 2262

Delta R.T. -0.04 min

Lab File: BF118919.D

Acq: 13 Feb 2020 14:43

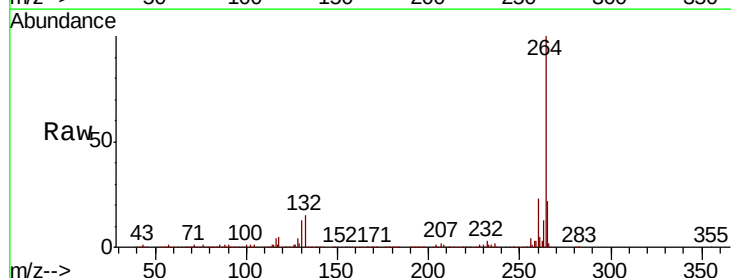
Tgt Ion:264 Resp: 683325

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 22.2 17.2 25.8



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

