

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118619.D
 Acq On : 21 Jan 2020 5:44
 Operator : CG/JU
 Sample : PB126132BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 06:50:12 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	415314	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1378163	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	632565	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	965935	20.00	ng	0.00
76) Chrysene-d12	14.04	240	796407	20.00	ng	0.00
87) Perylene-d12	15.52	264	688914	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	3098957	138.58	ng	0.02
7) Phenol-d6	6.52	99	3912344	134.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	2435786	98.86	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	897535	122.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3991734	103.72	ng	0.00
79) Terphenyl-d14	12.99	244	3978360	108.95	ng	0.00

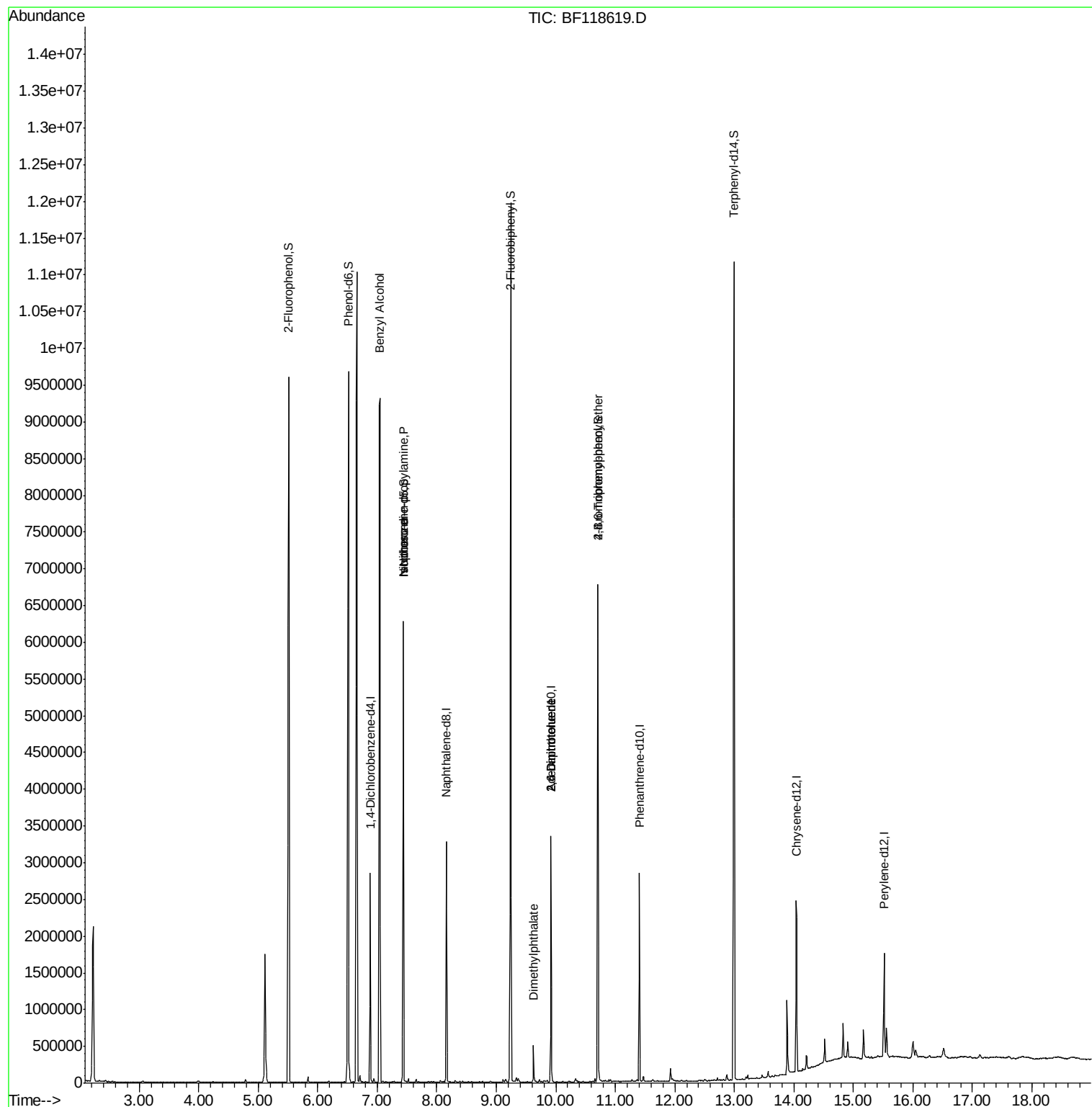
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	46609	2.022	ng	# 46
19) n-Nitroso-di-n-propylamine	7.44	70	350512	17.860	ng	# 77
25) Isophorone	7.44	82	2430584	54.084	ng	# 64
50) Dimethylphthalate	9.63	163	193591	4.697	ng	97
51) 2,6-Dinitrotoluene	9.92	165	83245	9.020	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	83245	7.155	ng	# 25
67) 4-Bromophenyl-phenylether	10.71	248	57103	4.785	ng	# 1

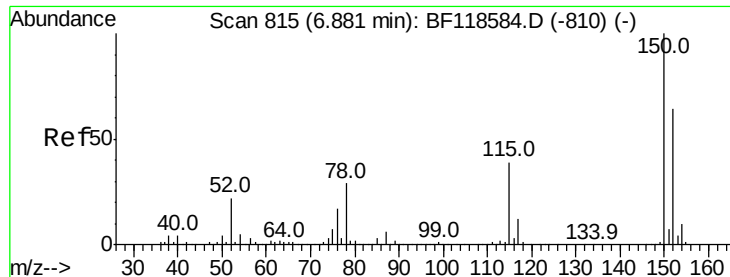
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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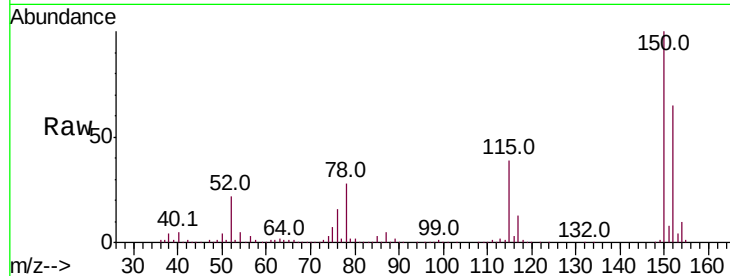


#1

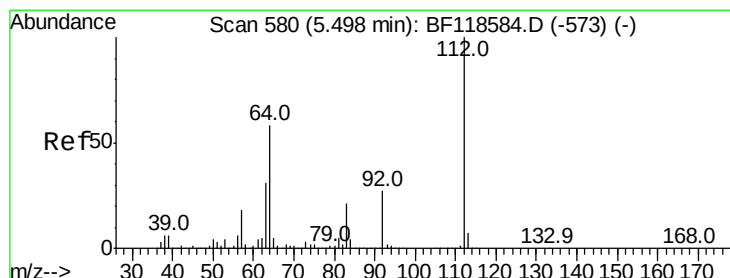
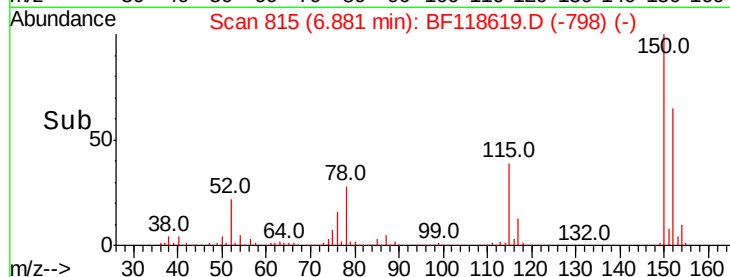
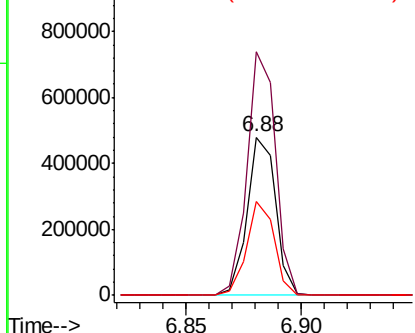
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118619.D
Acq: 21 Jan 2020 5:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 415314
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 59.8 48.4 72.6



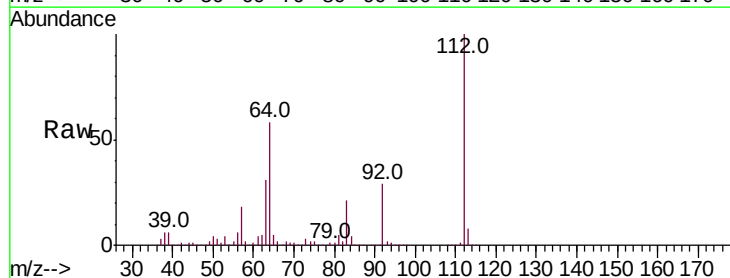
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



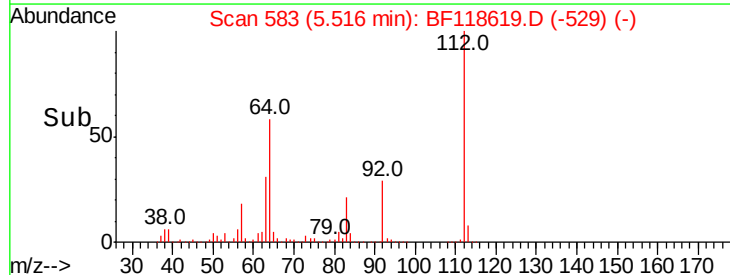
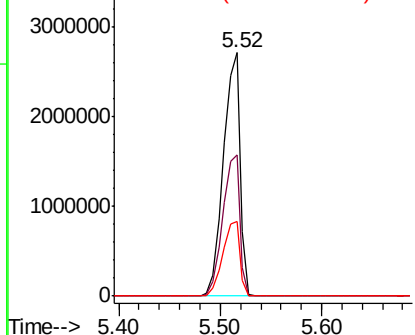
#5

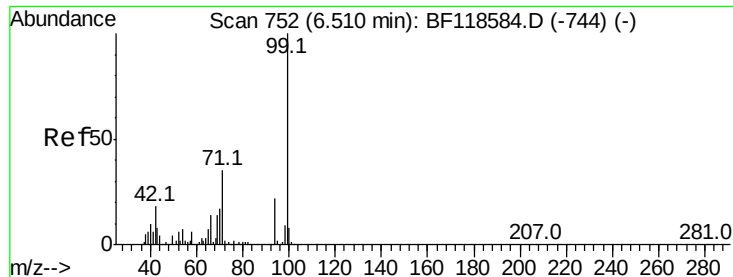
2-Fluorophenol
Concen: 138.583 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118619.D
Acq: 21 Jan 2020 5:44

Tgt Ion:112 Resp: 3098957
Ion Ratio Lower Upper
112 100
64 57.9 46.6 70.0
63 30.8 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: 134.609 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118619.D

Acq: 21 Jan 2020 5:44

Instrument :

BNA_F

ClientSampleId :

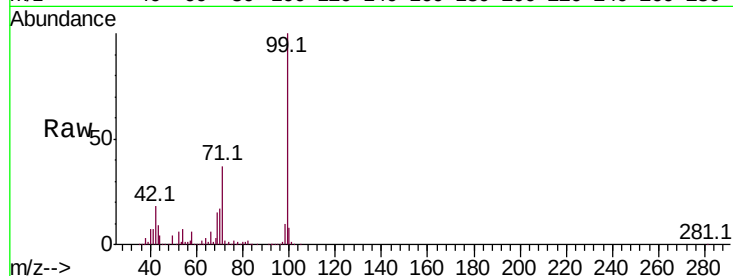
Tot Ion: 99 Resp: 3912344

Ion Ratio Lower Upper

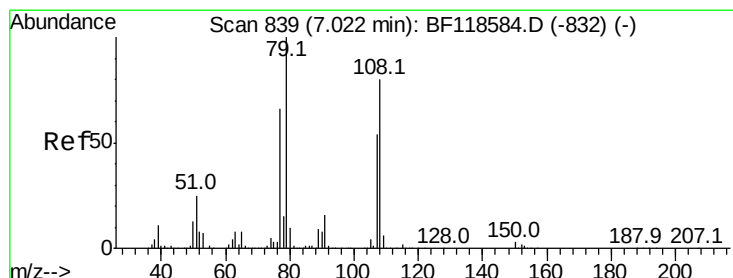
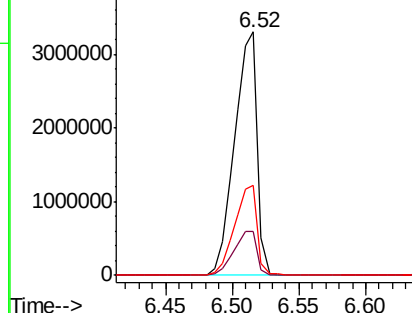
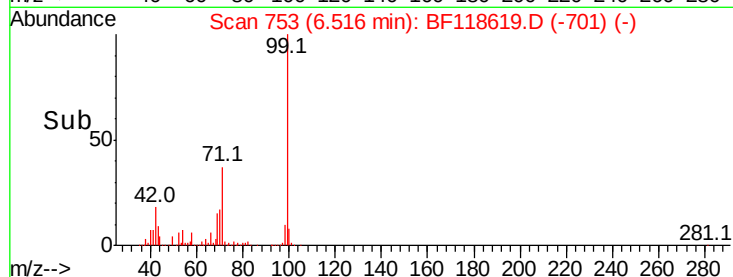
99 100

42 18.2 14.2 21.2

71 36.9 27.8 41.6



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: 2.022 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.02 min

Lab File: BF118619.D

Acq: 21 Jan 2020 5:44

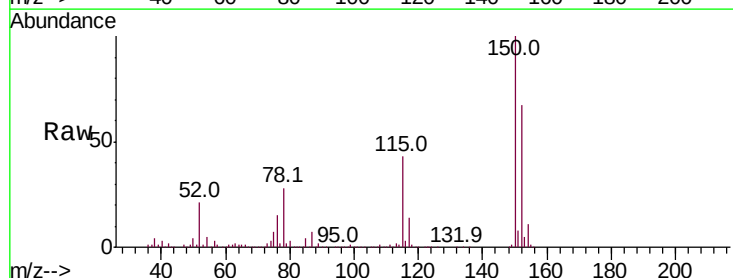
Tgt Ion: 79 Resp: 46609

Ion Ratio Lower Upper

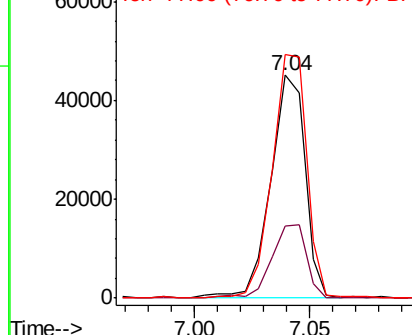
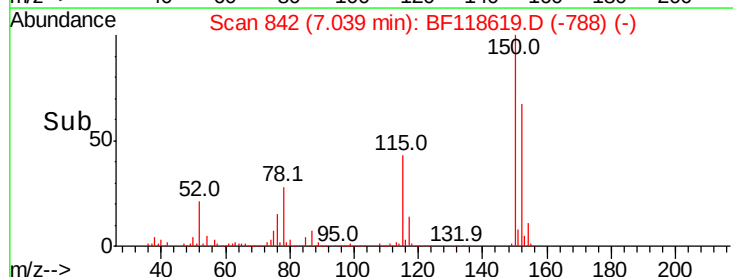
79 100

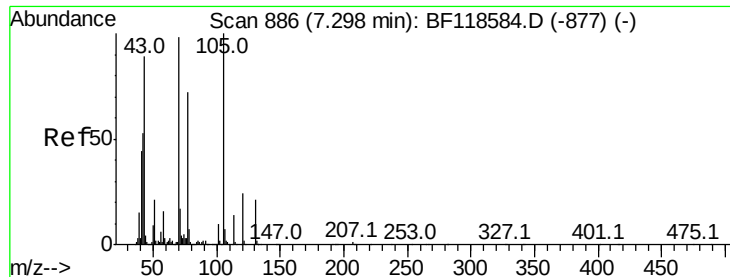
108 32.4 63.6 95.4#

77 109.1 52.5 78.7#



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

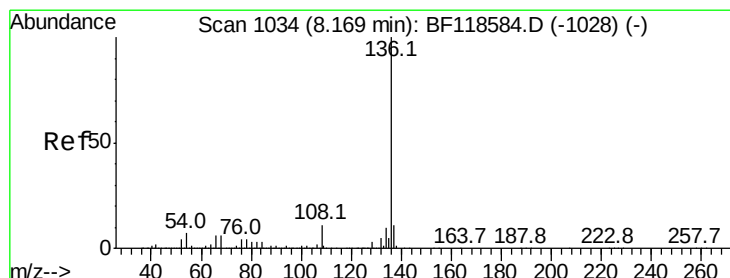
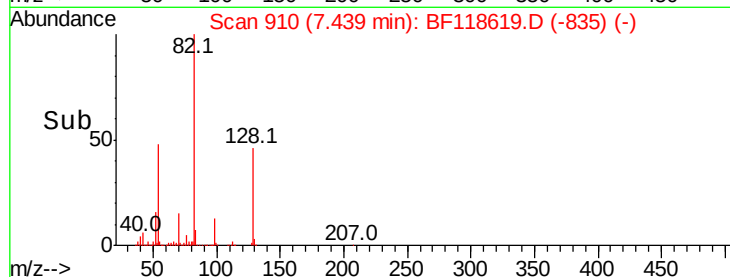
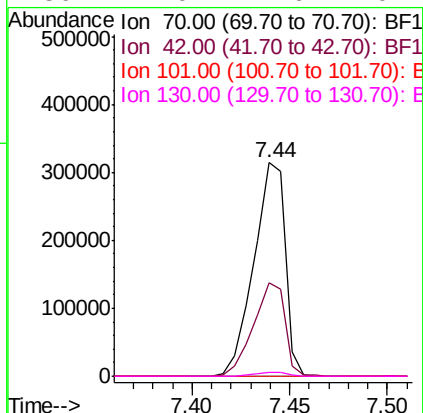
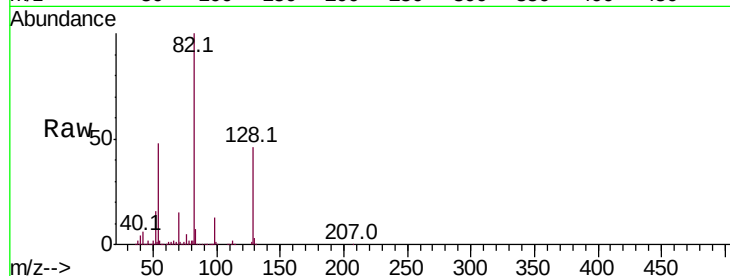




#19
n-Nitroso-di-n-propylamine
Concen: 17.860 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118619.D
Acq: 21 Jan 2020 5:44

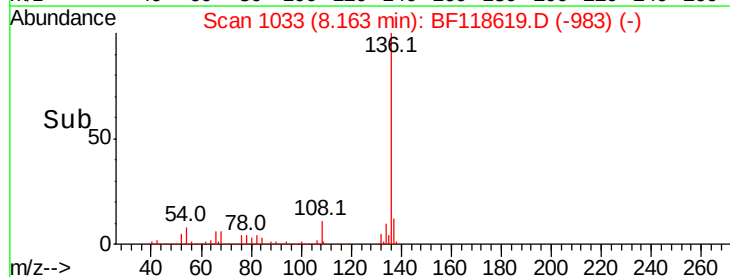
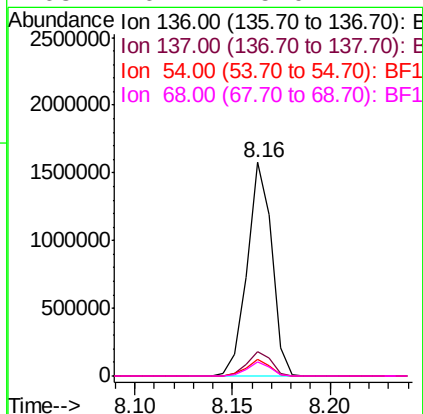
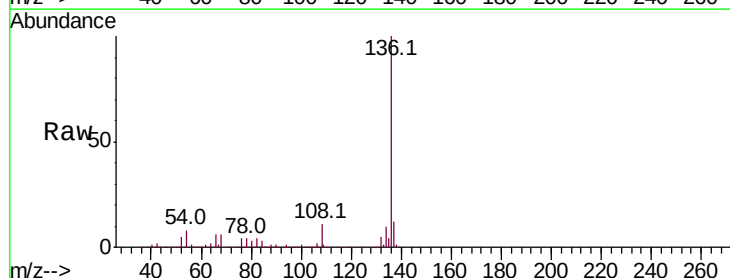
Instrument :
BNA_F
ClientSampled :

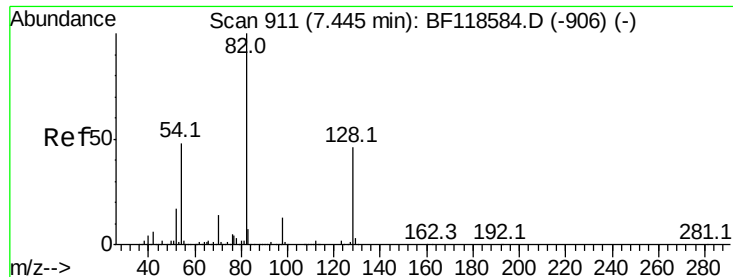
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.7	43.4	65.0
101	0.0	8.1	12.1#
130	2.0	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118619.D
Acq: 21 Jan 2020 5:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.8	5.8	8.6
68	6.4	5.0	7.4



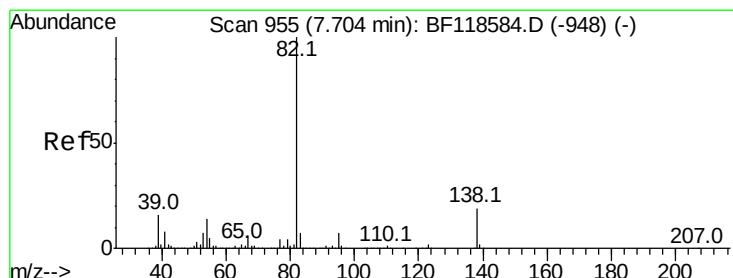
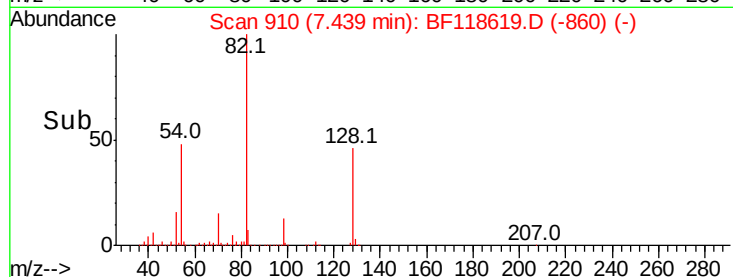
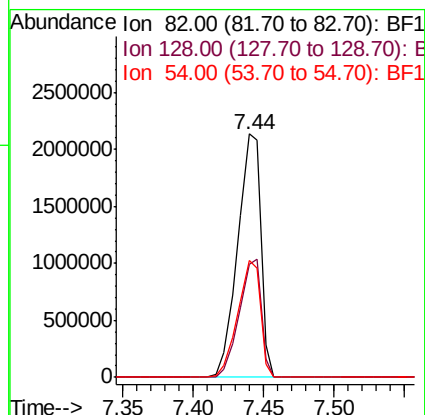
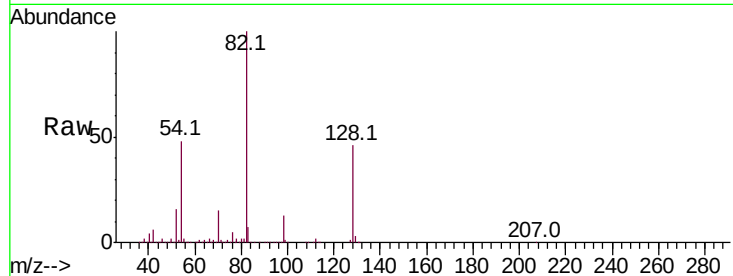


#23
 Nitrobenzene-d5
 Concen: 98.859 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2435786

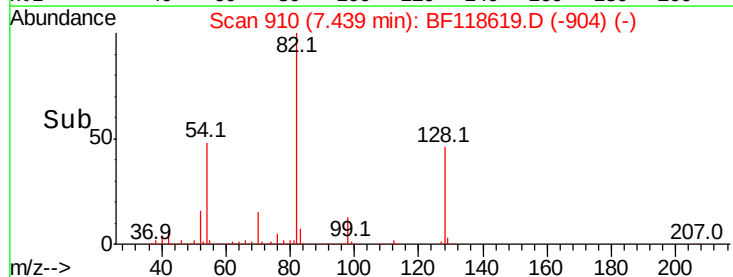
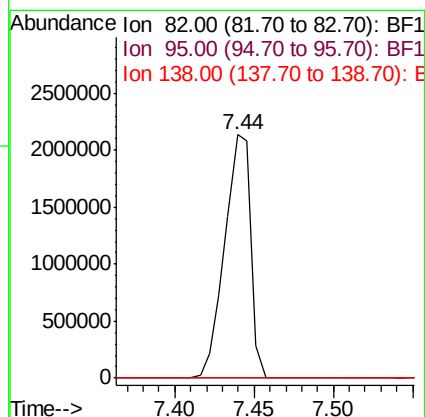
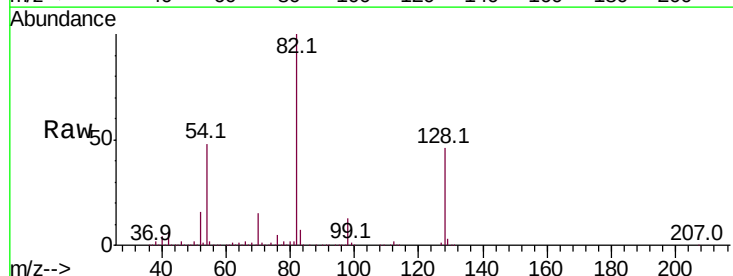
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.6	54.8
54	47.8	38.0	57.0

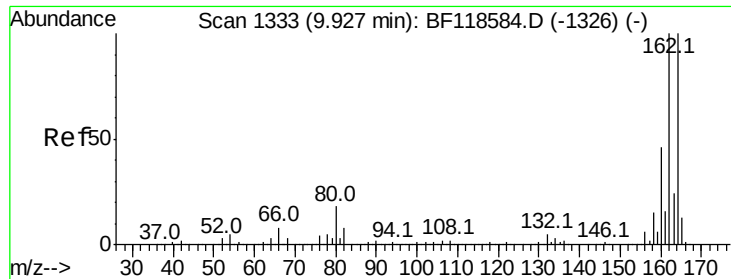


#25
 Isophorone
 Concen: 54.084 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Tgt Ion: 82 Resp: 2430584

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.3	22.9#

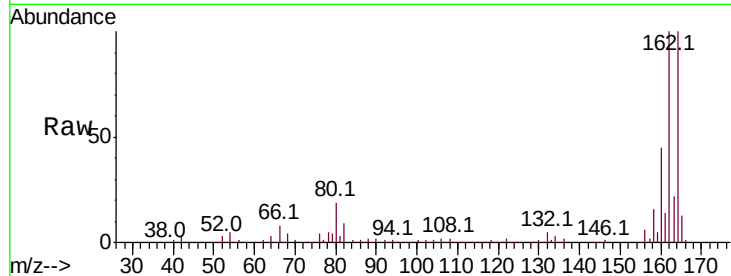




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.4	120.6
160	45.7	36.6	55.0

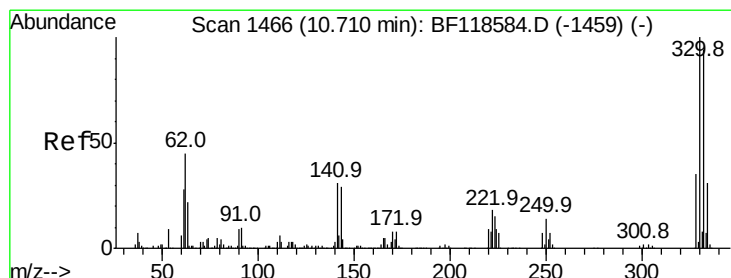
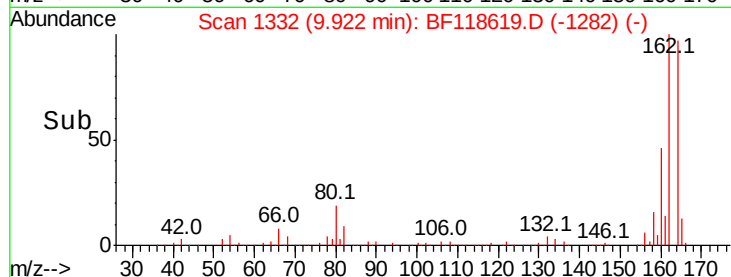
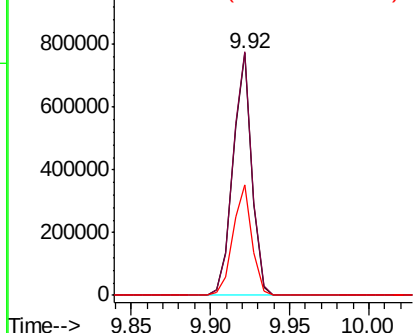


Abundance

Ion 164.00 (163.70 to 164.70): E

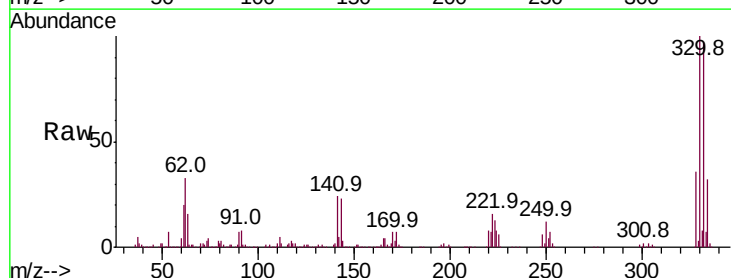
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 122.674 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	28.2	23.9	35.9

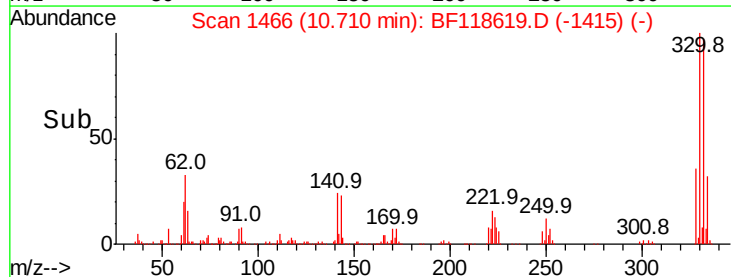
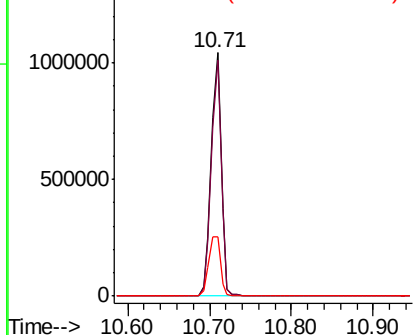


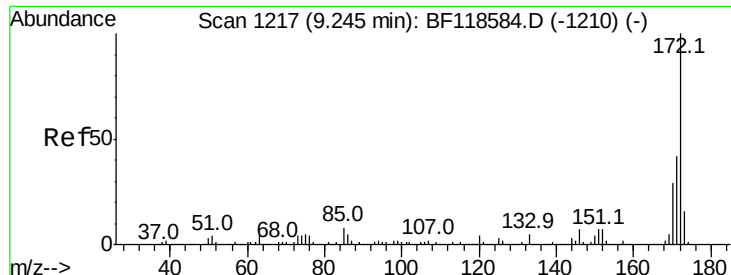
Abundance

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



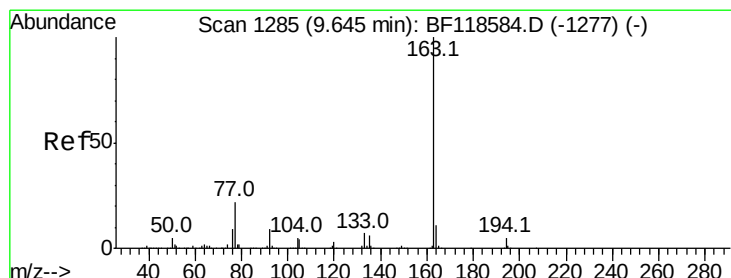
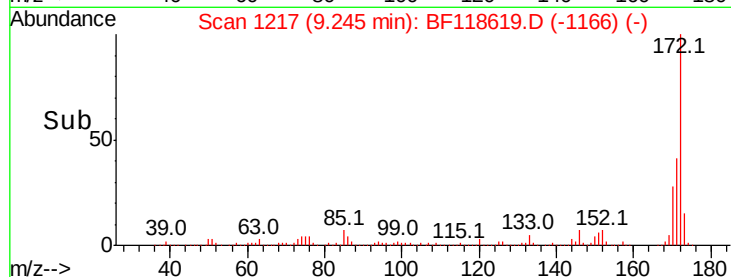
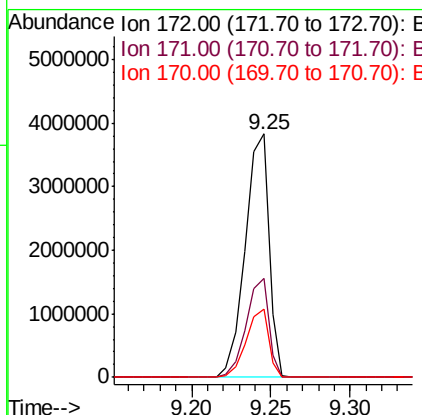
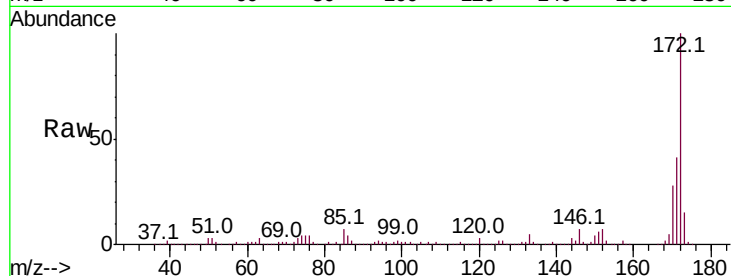


#45
 2-Fluorobiphenyl
 Concen: 103.719 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3991734

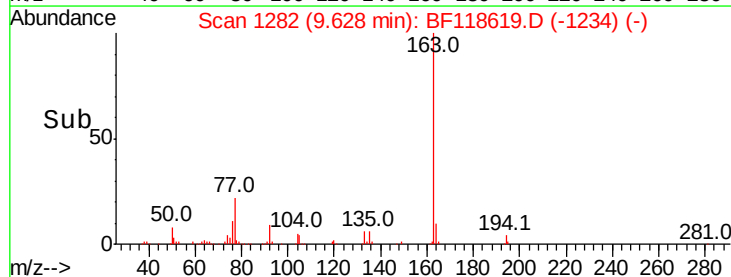
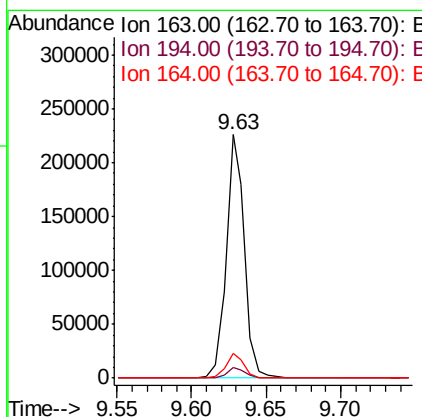
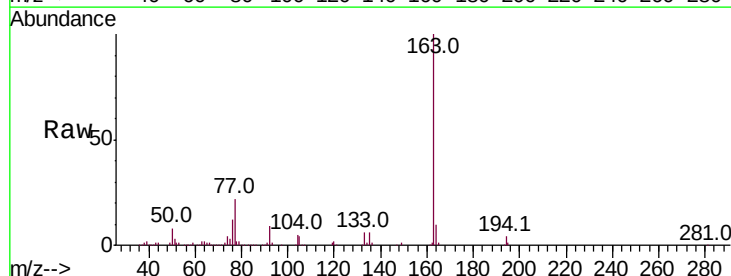
Ion	Ratio	Lower	Upper
172	100		
171	40.5	33.4	50.2
170	27.8	23.2	34.8

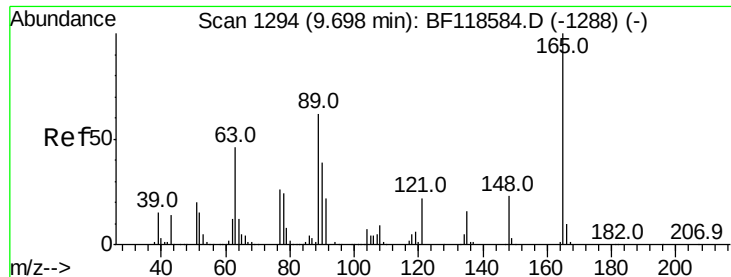


#50
 Dimethylphthalate
 Concen: 4.697 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Tgt Ion:163 Resp: 193591

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	10.1	9.1	13.7

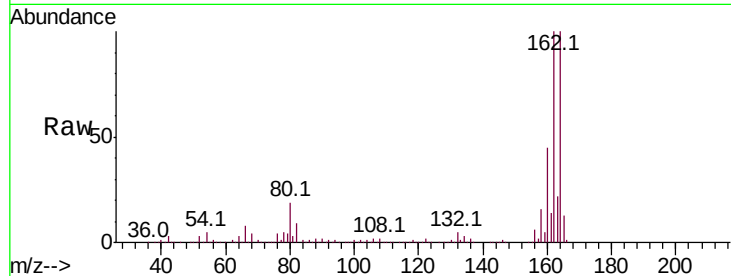




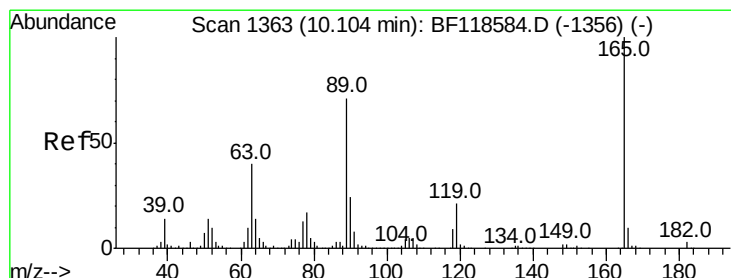
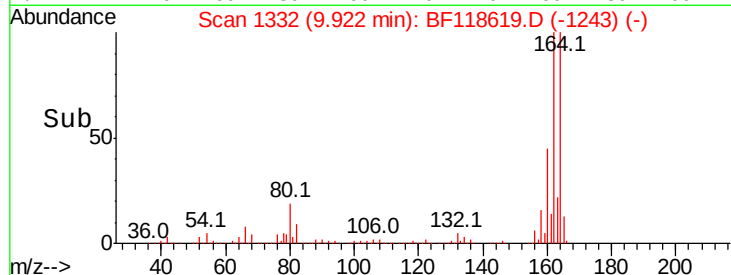
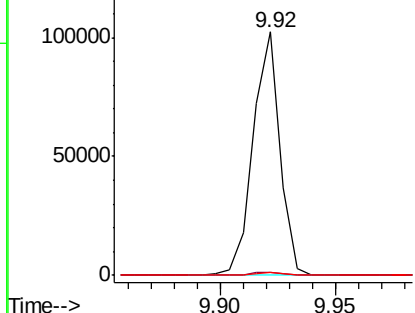
#51
 2,6-Dinitrotoluene
 Concen: 9.020 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.9	73.3#
89	1.4	49.8	74.6#

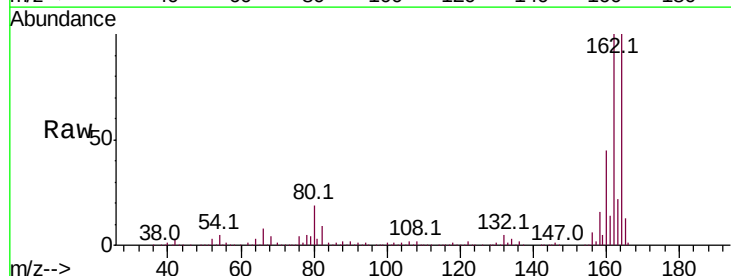


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

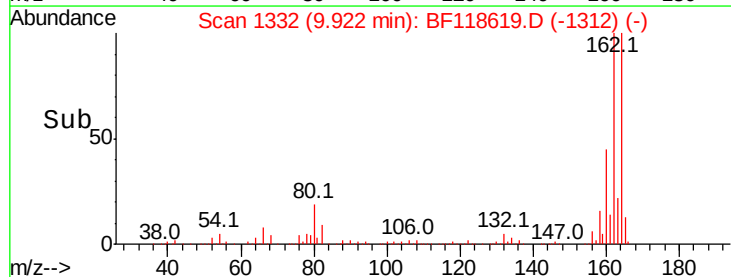
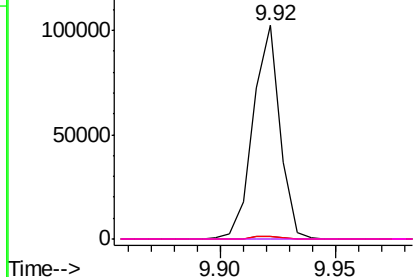


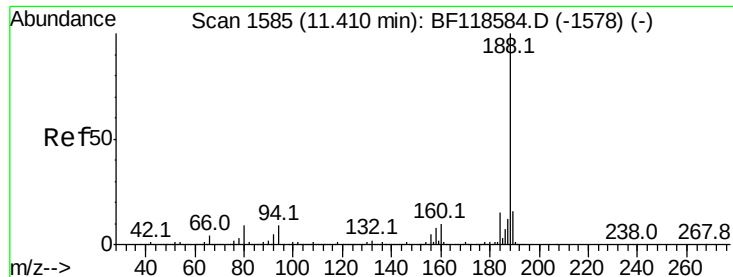
#57
 2,4-Dinitrotoluene
 Concen: 7.155 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.4	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: BF118619.D

Acq: 21 Jan 2020 5:44

Instrument :

BNA_F

ClientSampleId :

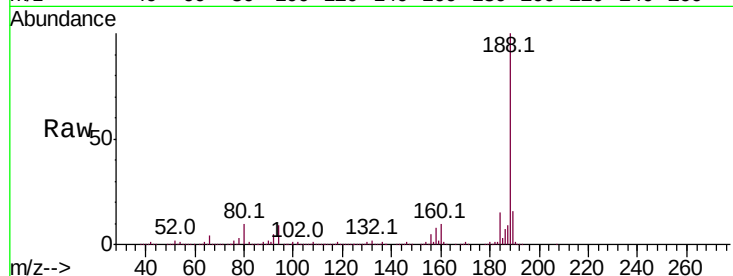
Tot Ion:188 Resp: 965935

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

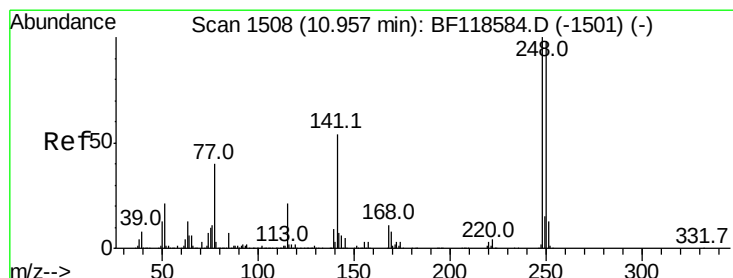
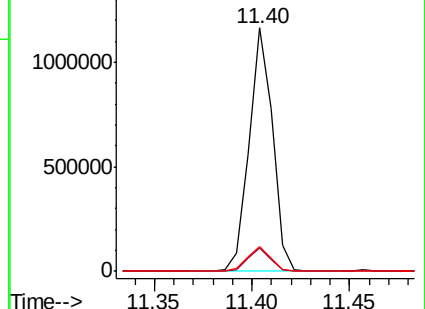
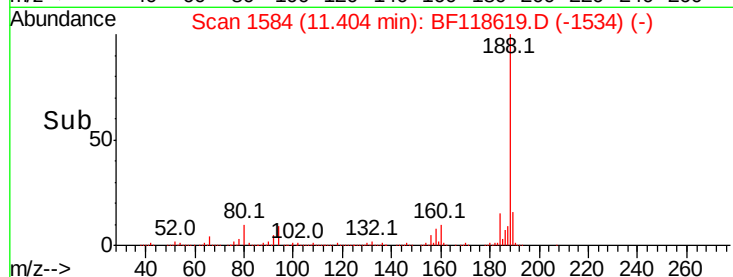
80 10.3 7.5 11.3



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: 4.785 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF118619.D

Acq: 21 Jan 2020 5:44

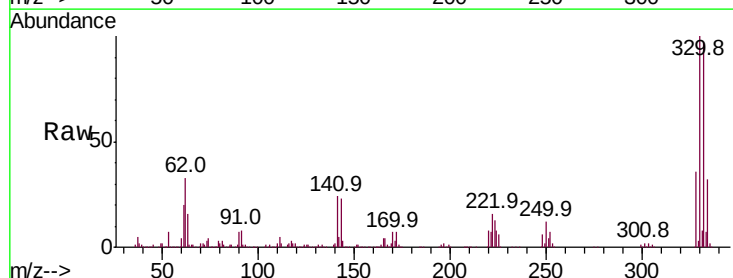
Tgt Ion:248 Resp: 57103

Ion Ratio Lower Upper

248 100

250 191.7 78.7 118.1#

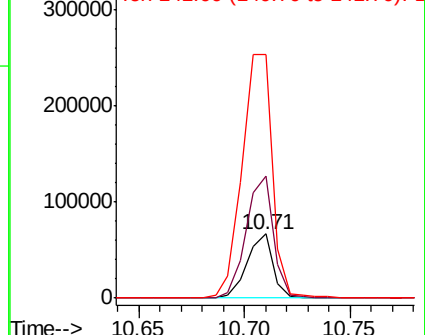
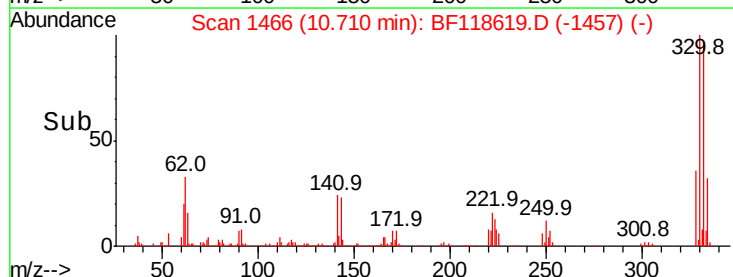
141 380.8 43.2 64.8#

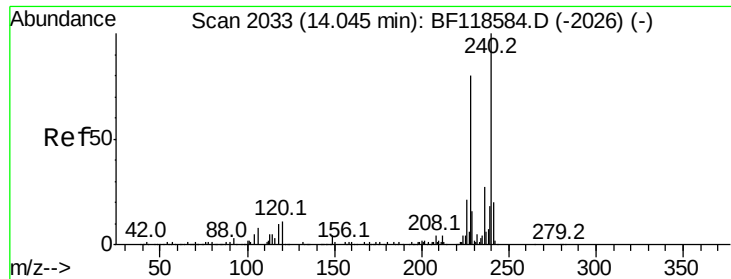


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

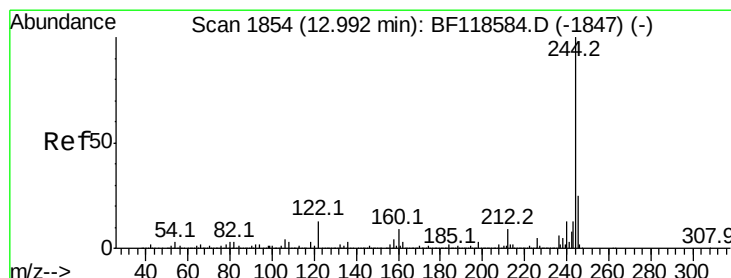
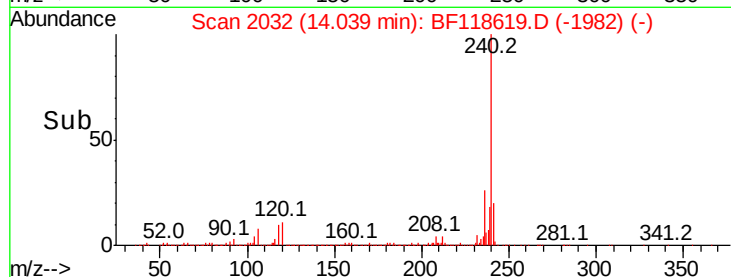
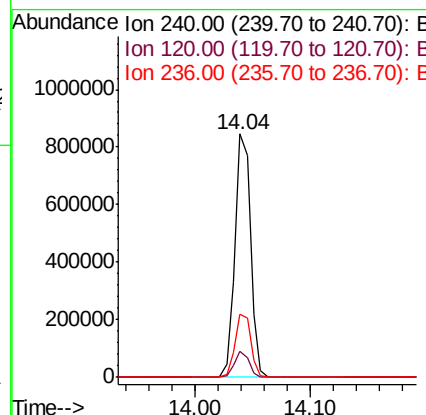
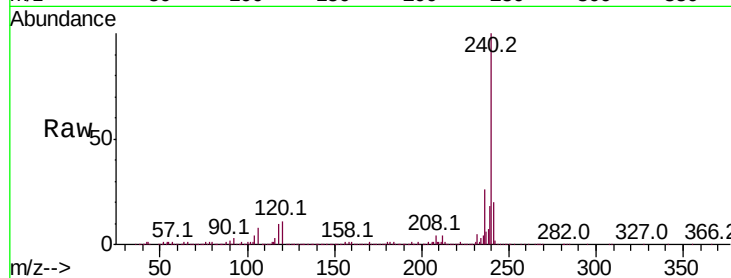




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

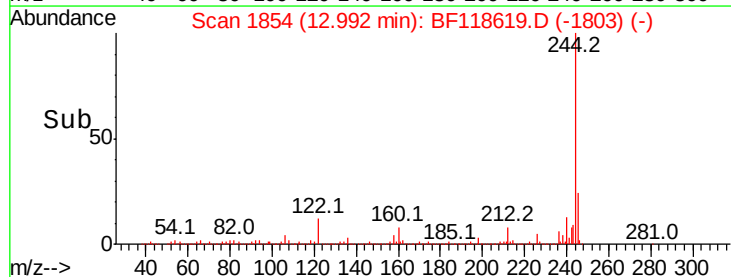
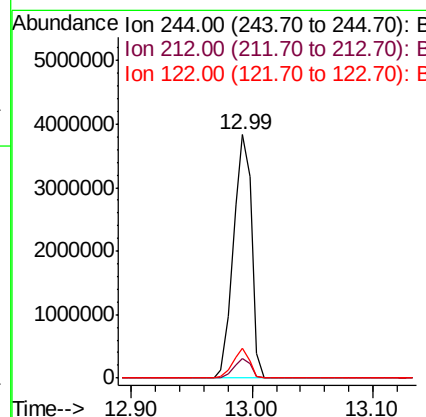
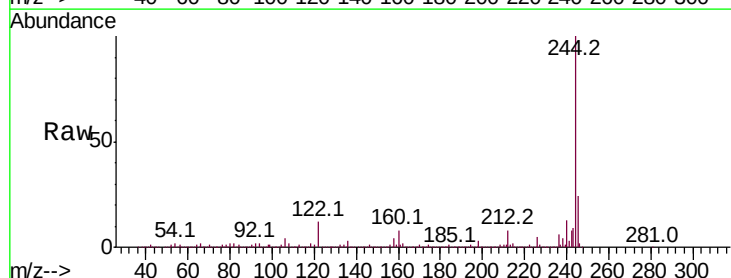
Instrument :
 BNA_F
 ClientSampleId :

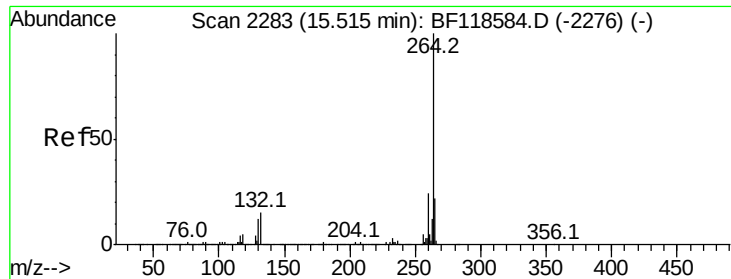
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.8	21.5	32.3



#79
 Terphenyl-d14
 Concen: 108.954 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118619.D
 Acq: 21 Jan 2020 5:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	12.3	10.7	16.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118619.D
Acq: 21 Jan 2020 5:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.0	17.7	26.5

