

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113151.D
 Acq On : 20 Mar 2019 4:03
 Operator : JU/SJ
 Sample : K1933-05DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

Quant Time: Mar 20 07:19:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

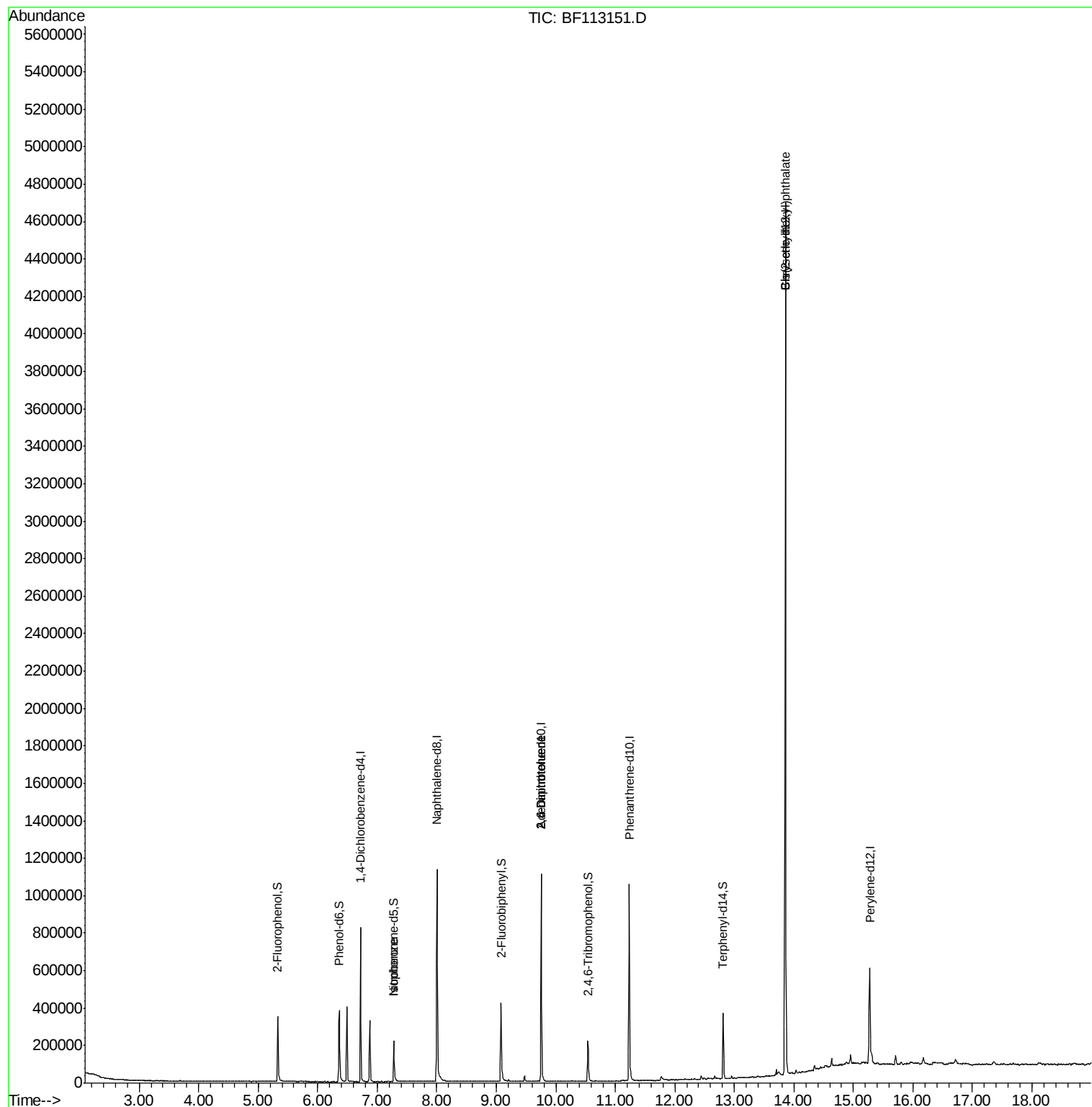
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121861	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	582442	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	255381	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	425743	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	290925	20.00	ng	0.00
87) Perylene-d12	15.27	264	260172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	123026	15.70	ng	-0.01
7) Phenol-d6	6.36	99	151536	15.40	ng	-0.01
23) Nitrobenzene-d5	7.28	82	82859	8.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	33812	12.47	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	183715	8.39	ng	-0.01
79) Terphenyl-d14	12.81	244	133065	8.87	ng	-0.01
Target Compounds						
25) Isophorone	7.28	82	82858	3.951	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	32092	8.184	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	32092	6.584	ng	# 17
84) Bis(2-ethylhexyl)phthalate	13.86	149	1231960	97.020	ng	99

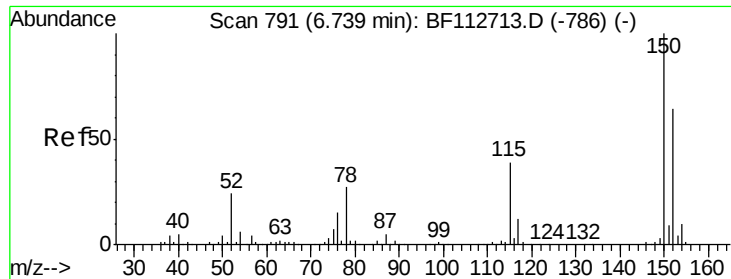
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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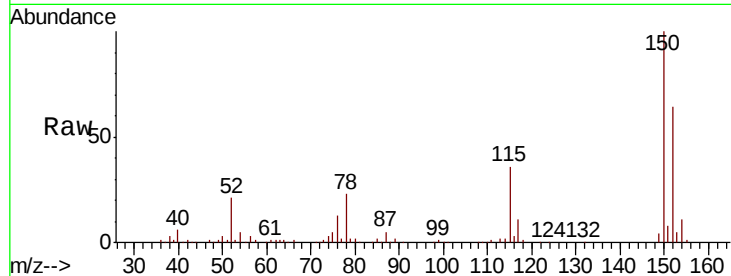




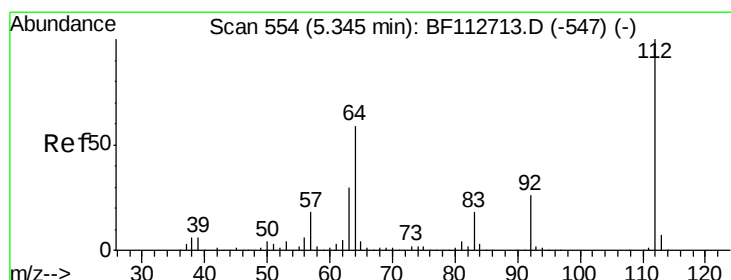
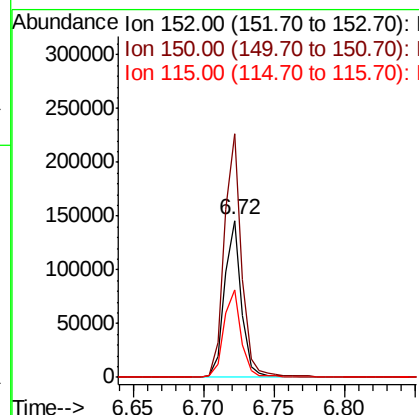
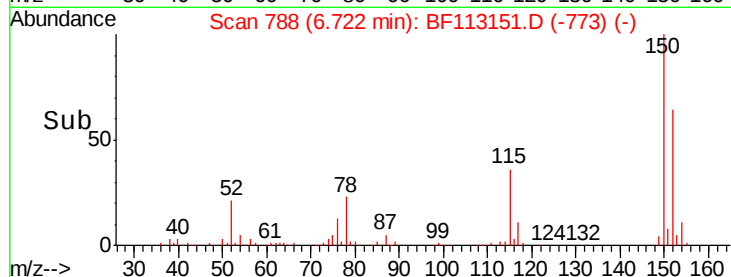
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113151.D
 Acq: 20 Mar 2019 4:03

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

Tgt Ion:152 Resp: 121861
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 56.0 48.2 72.4

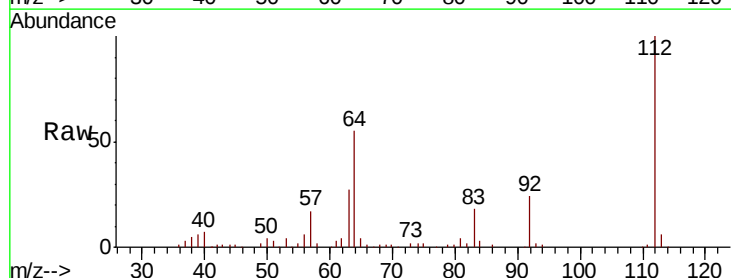


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

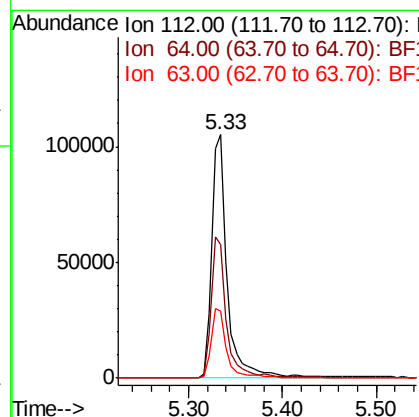
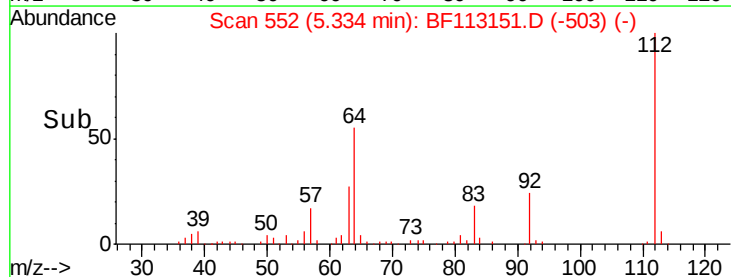


#5
 2-Fluorophenol
 Concen: 15.704 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113151.D
 Acq: 20 Mar 2019 4:03

Tgt Ion:112 Resp: 123026
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.6 71.4
 63 27.3 24.4 36.6



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: 15.399 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113151.D

Acq: 20 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

S-5DL

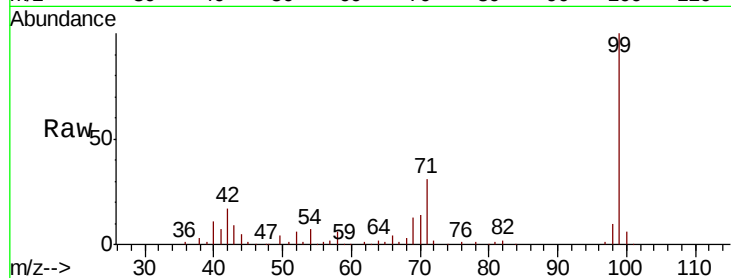
Tgt Ion: 99 Resp: 151536

Ion Ratio Lower Upper

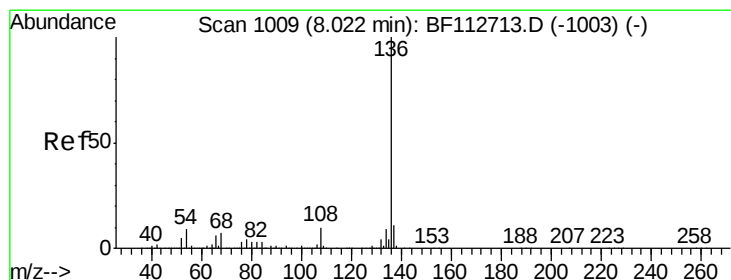
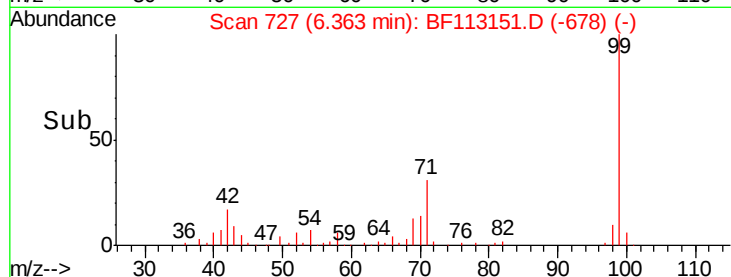
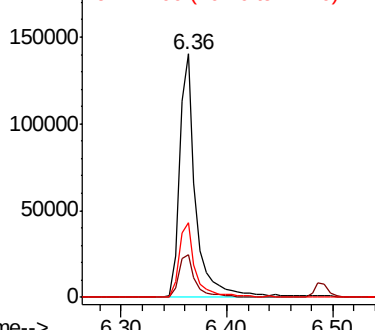
99 100

42 17.3 16.3 24.5

71 30.8 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113151.D

Acq: 20 Mar 2019 4:03

Tgt Ion: 136 Resp: 582442

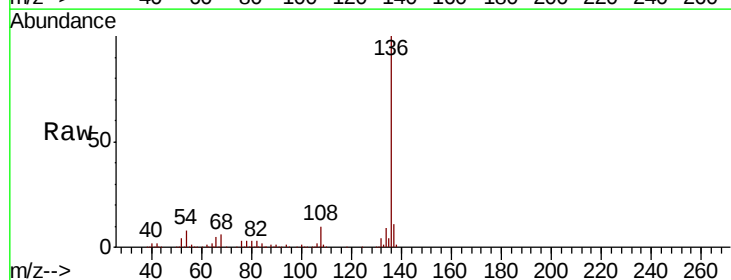
Ion Ratio Lower Upper

136 100

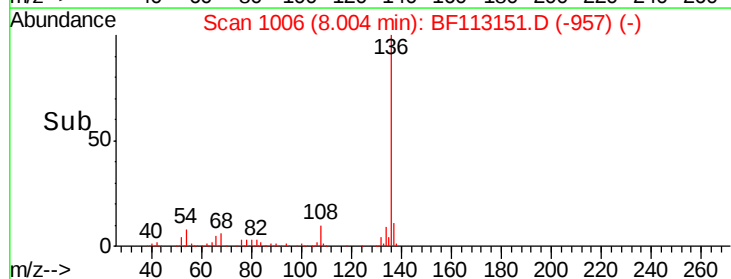
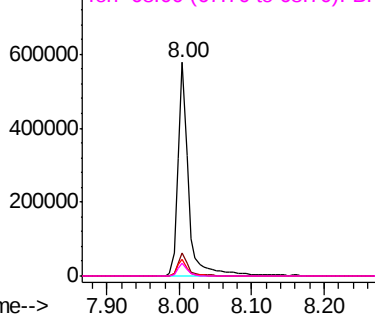
137 10.8 8.9 13.3

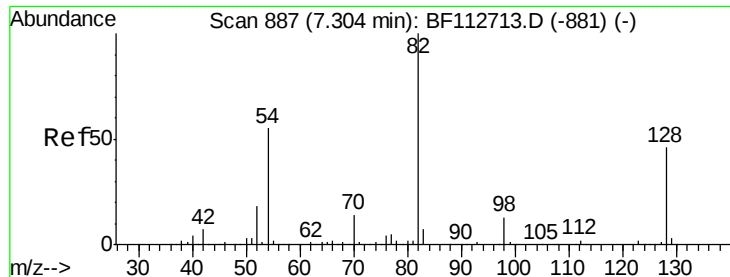
54 7.8 7.3 10.9

68 5.8 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

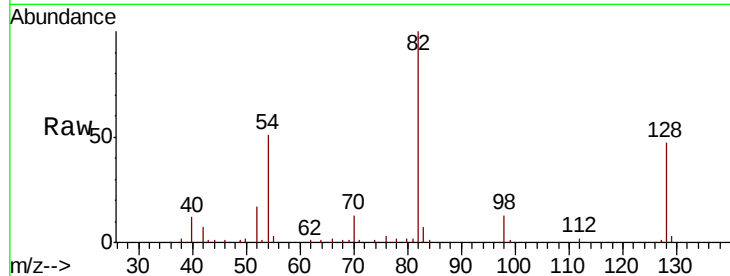




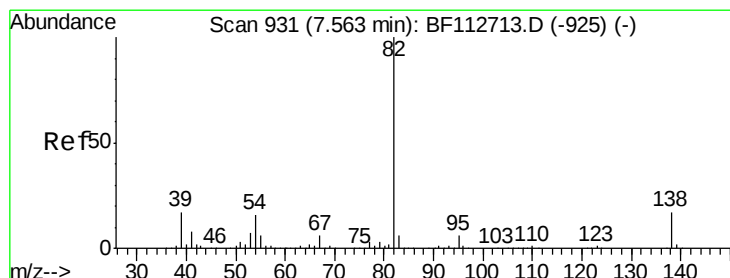
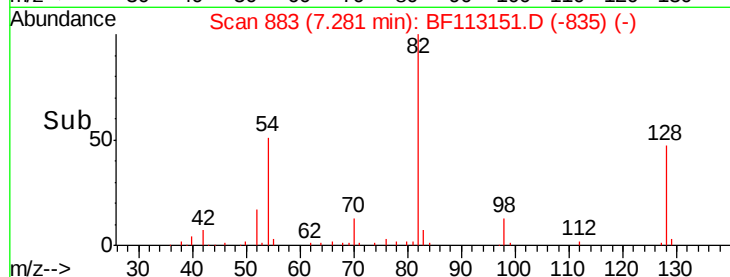
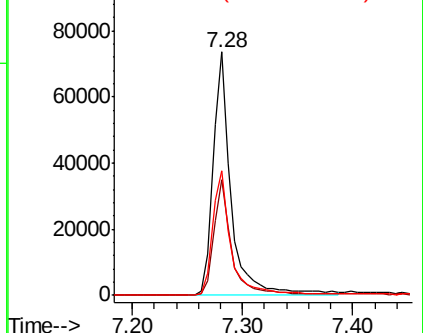
#23
Nitrobenzene-d5
Concen: 8.513 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

Instrument :
BNA_F
ClientSampled :
S-5DL

Tgt Ion: 82 Resp: 82859
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 51.2 43.7 65.5

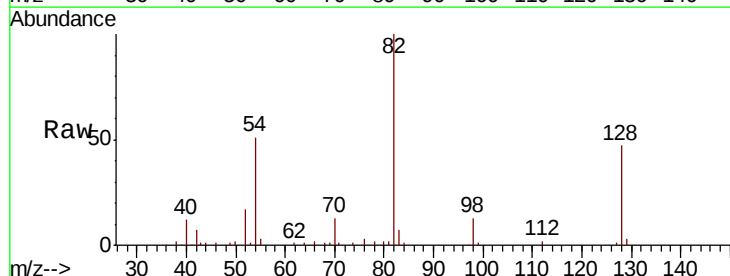


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

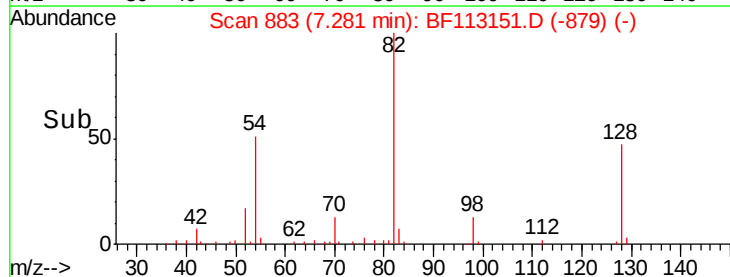
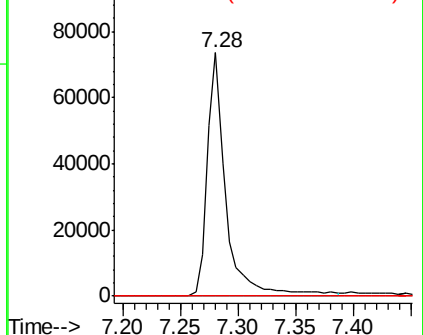


#25
Isophorone
Concen: 3.951 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

Tgt Ion: 82 Resp: 82858
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



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

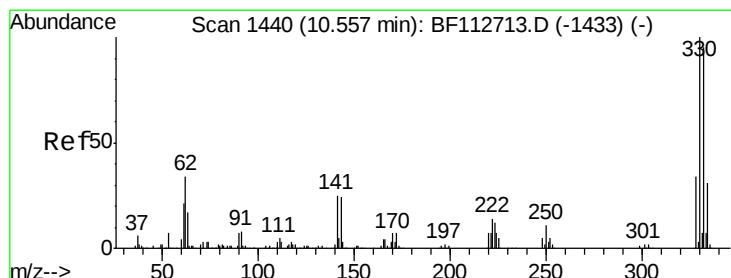
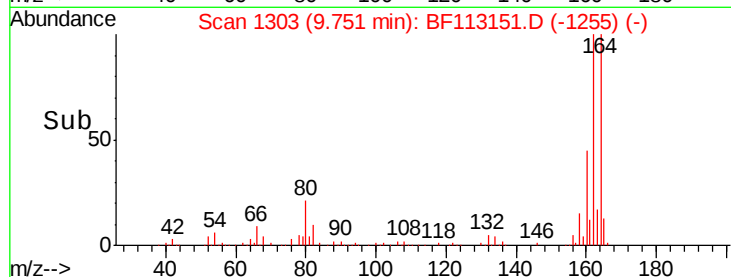
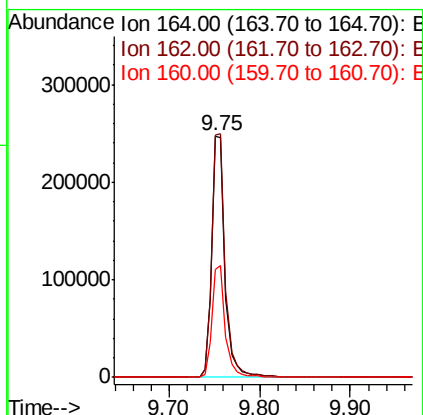
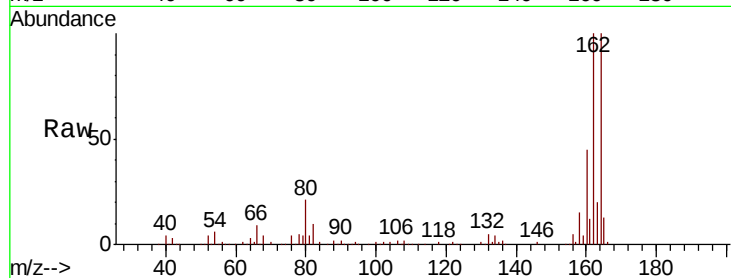




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

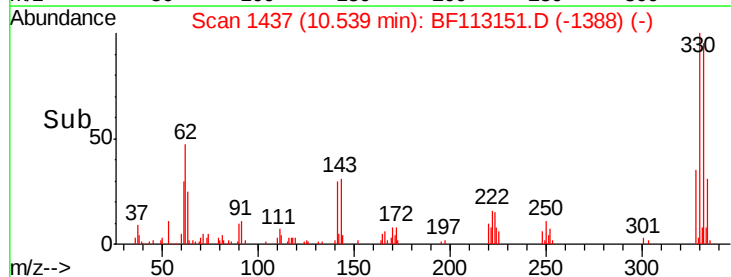
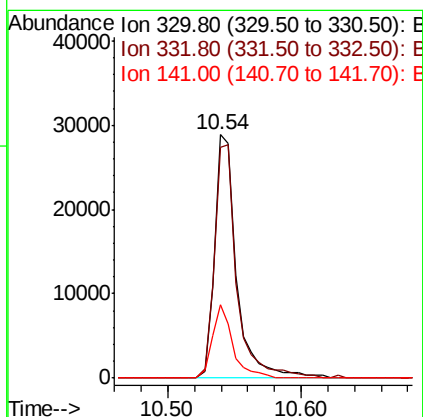
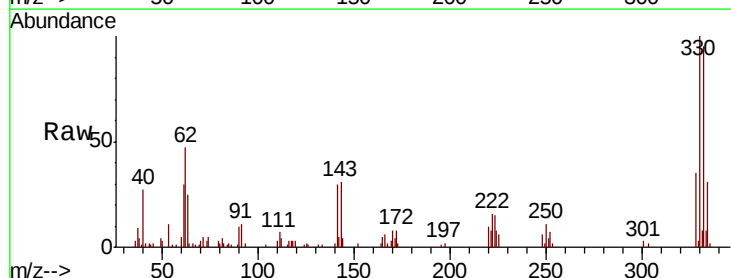
Instrument :
BNA_F
ClientSampleId :
S-5DL

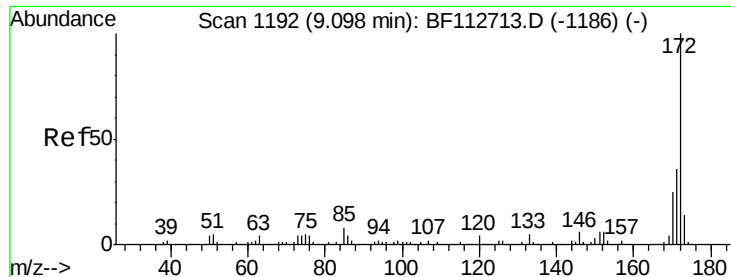
Tgt Ion:164 Resp: 255381
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.7 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 12.471 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

Tgt Ion:330 Resp: 33812
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 27.8 27.0 40.6

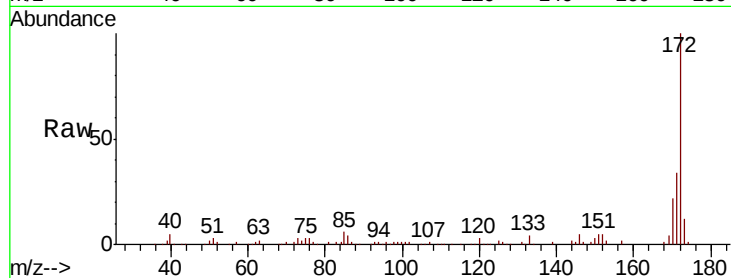




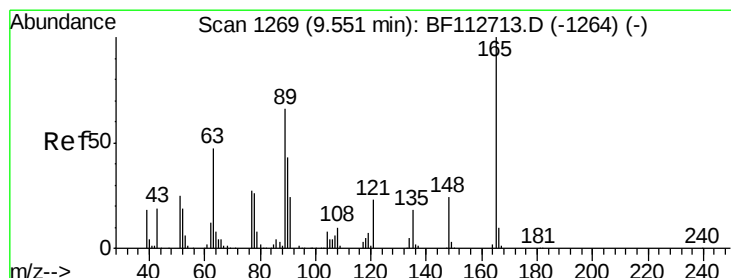
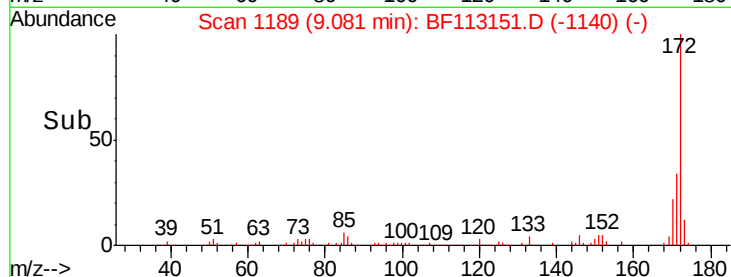
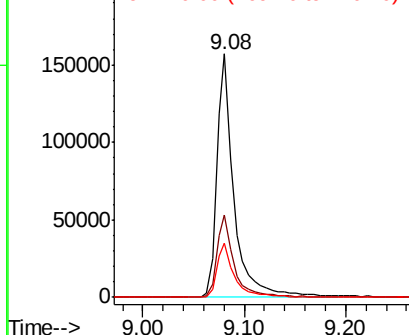
#45
 2-Fluorobiphenyl
 Concen: 8.393 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113151.D
 Acq: 20 Mar 2019 4:03

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.0	43.4
170	22.3	20.0	30.0

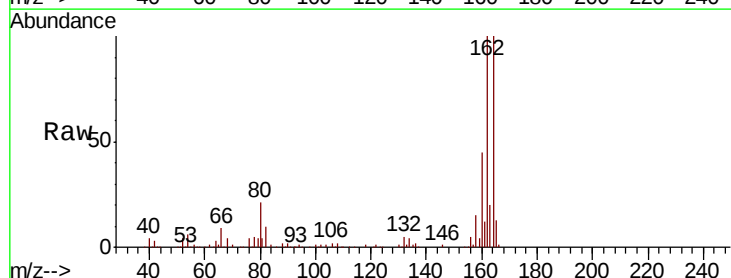


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

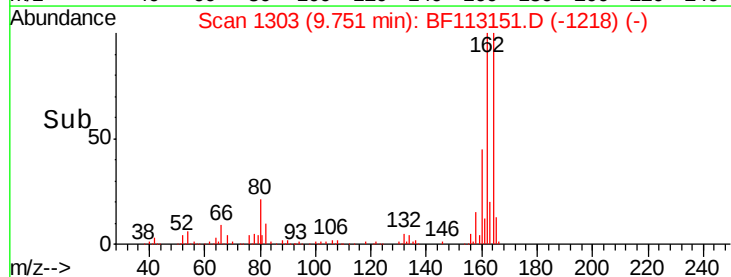
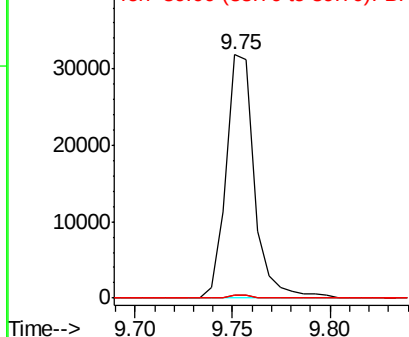


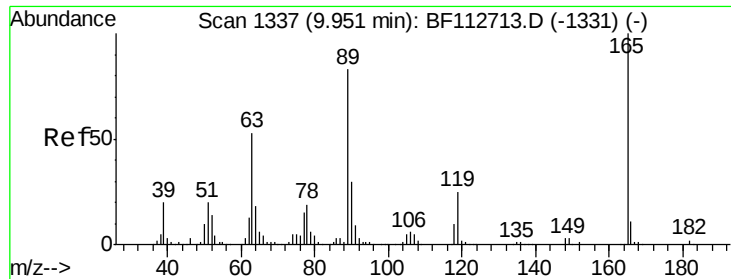
#51
 2,6-Dinitrotoluene
 Concen: 8.184 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF113151.D
 Acq: 20 Mar 2019 4:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.1	52.8	79.2#



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

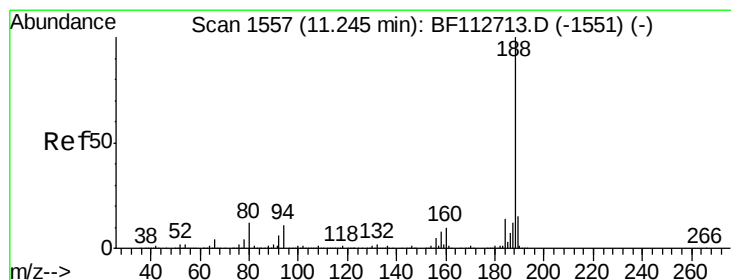
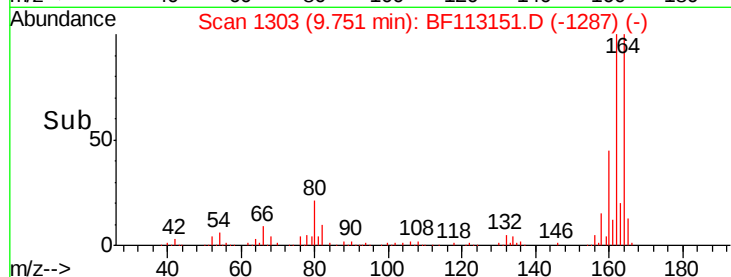
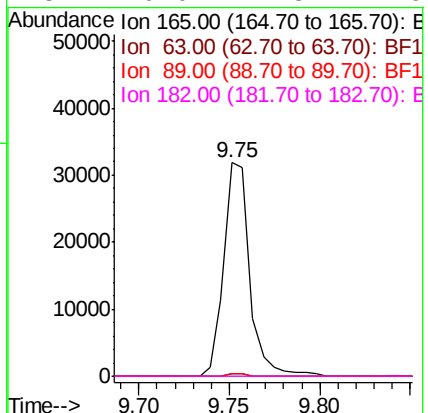
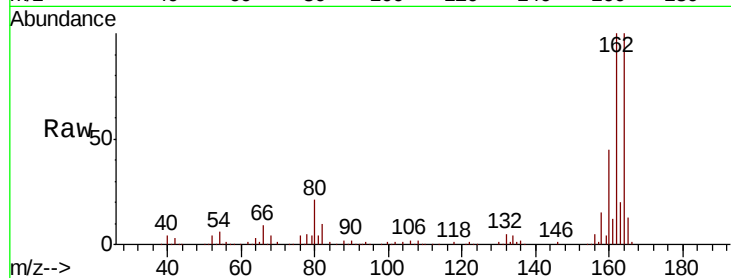




#57
2,4-Dinitrotoluene
Concen: 6.584 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

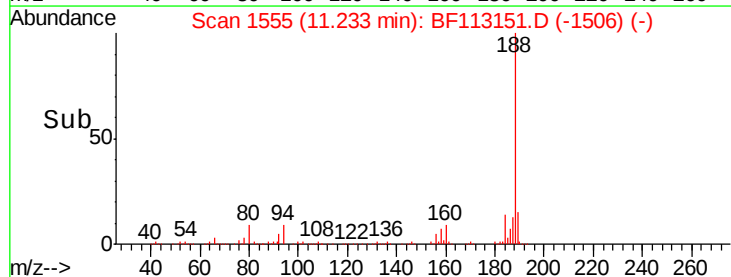
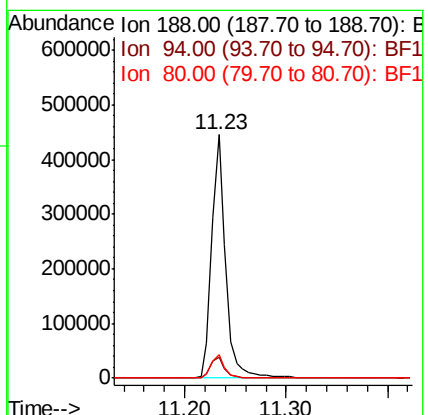
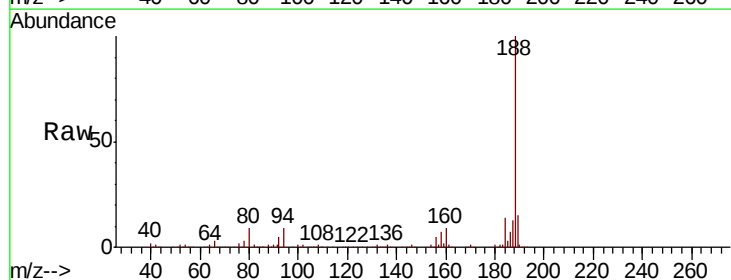
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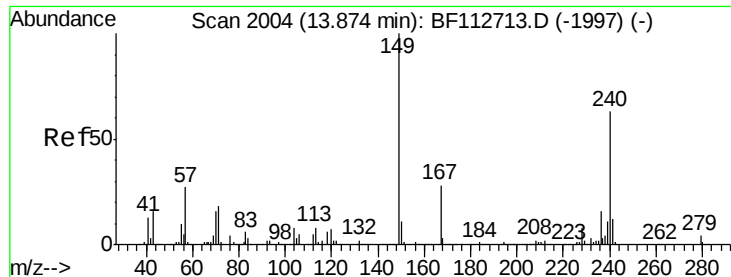
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.4	9.2	13.8

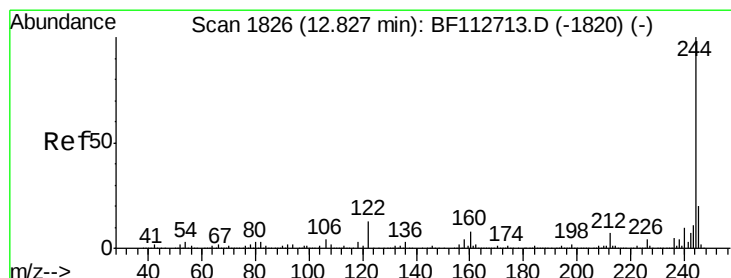
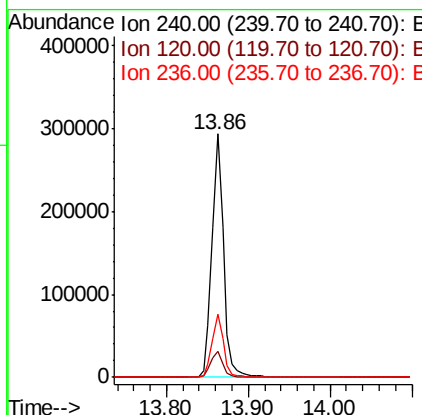
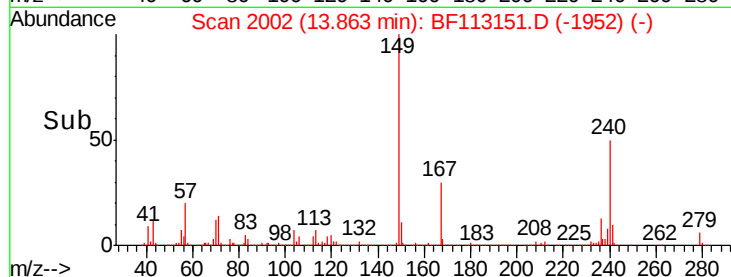
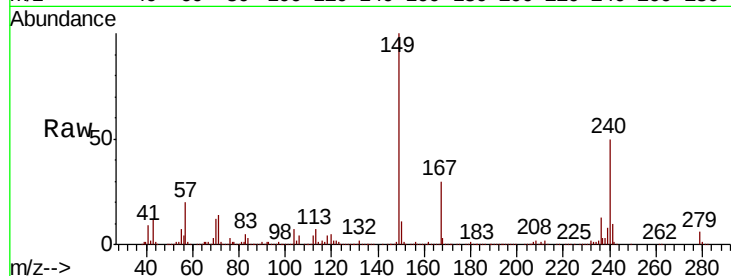




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

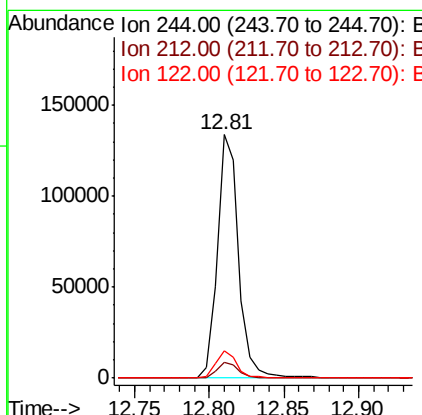
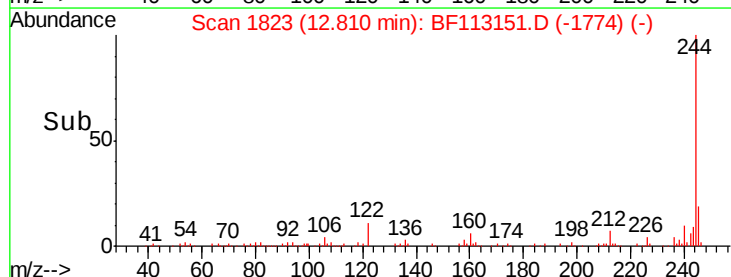
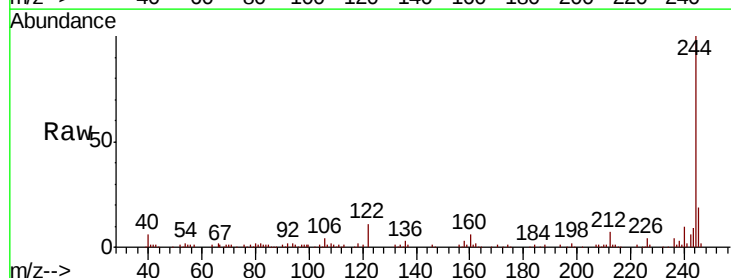
Instrument :
BNA_F
ClientSampleId :
S-5DL

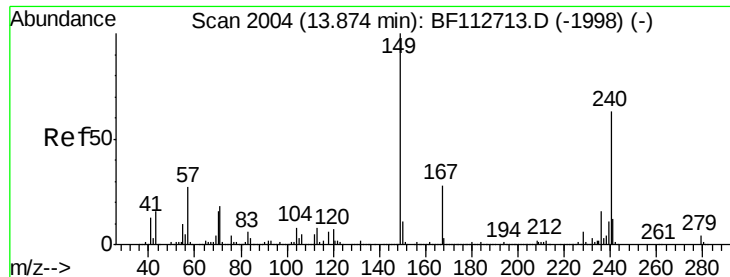
Tgt Ion: 240 Resp: 290925
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 8.866 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113151.D
Acq: 20 Mar 2019 4:03

Tgt Ion: 244 Resp: 133065
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 11.3 10.5 15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 97.020 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113151.D

Acq: 20 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

S-5DL

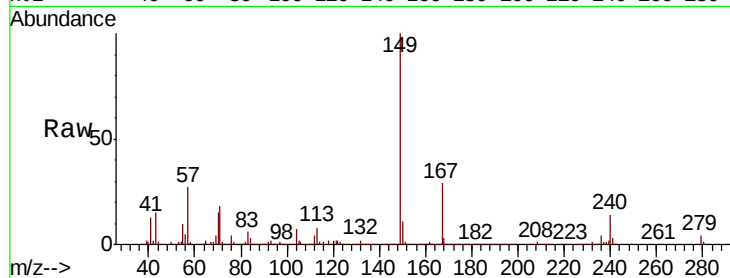
Tgt Ion:149 Resp: 1231960

Ion Ratio Lower Upper

149 100

167 28.7 22.4 33.6

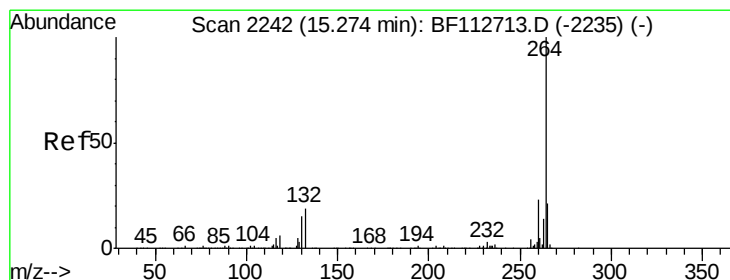
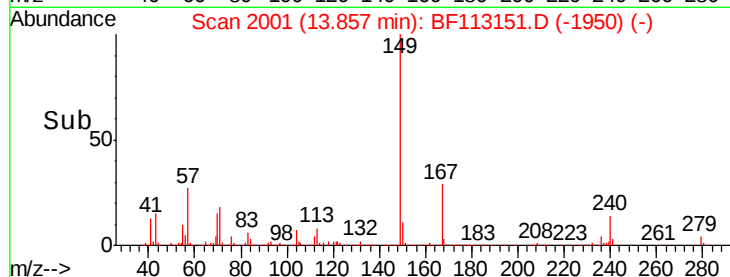
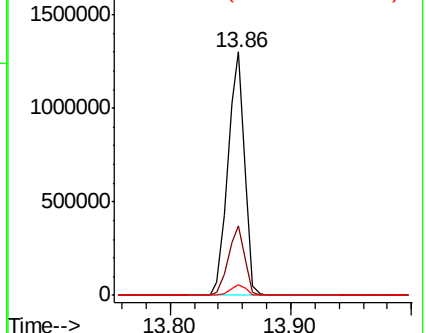
279 4.4 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113151.D

Acq: 20 Mar 2019 4:03

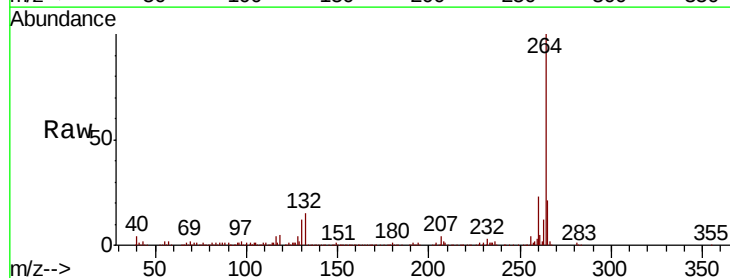
Tgt Ion:264 Resp: 260172

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.3 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

