

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114850.D
 Acq On : 6 Jun 2019 9:31
 Operator : HP/JU
 Sample : K2638-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2019

Quant Time: Jun 06 23:58:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

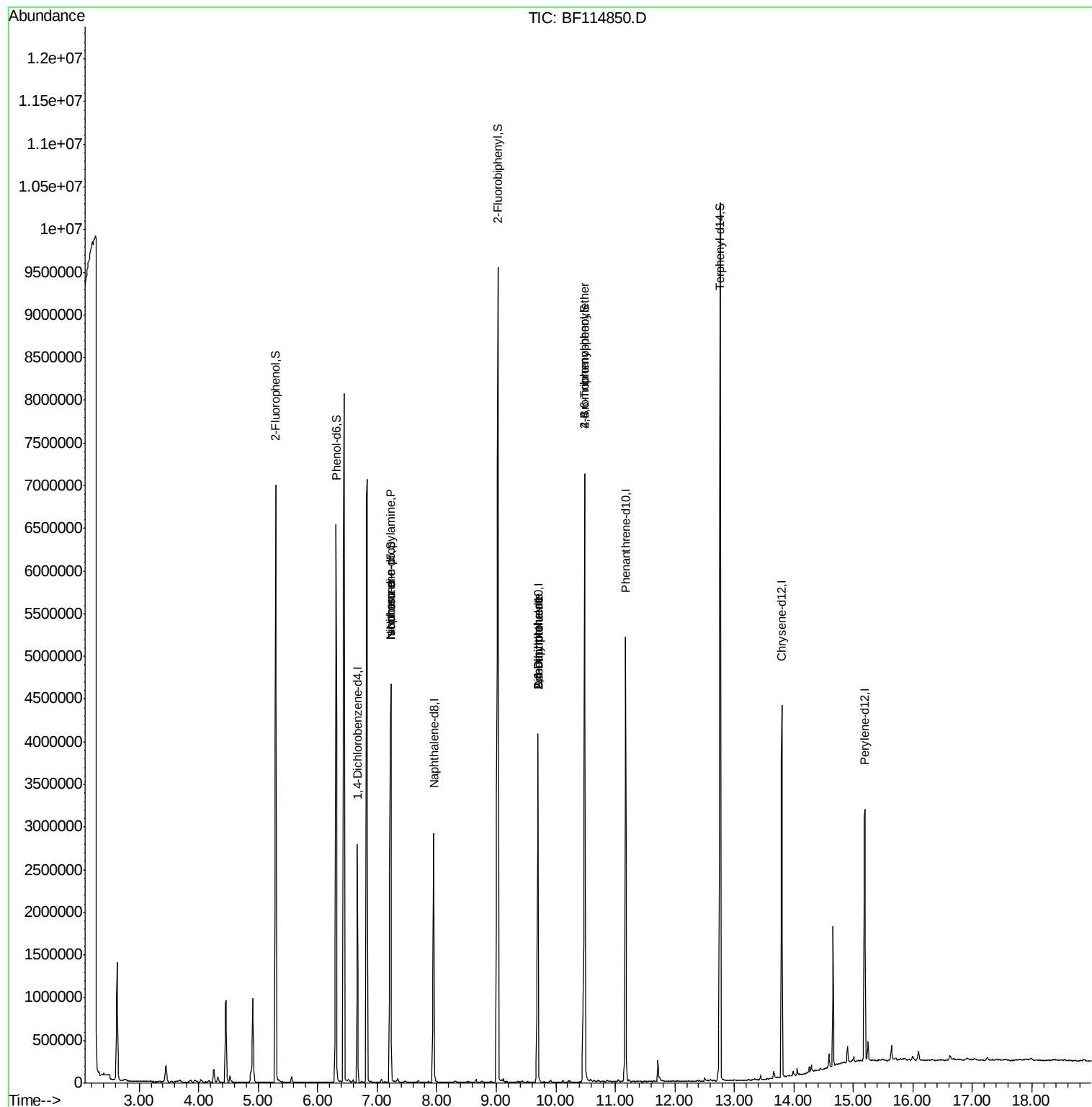
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	477951	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1910221	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	989802	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1942712	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1436864	20.00	ng	0.00
87) Perylene-d12	15.19	264	1377162	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2660677	97.27	ng	0.04
7) Phenol-d6	6.31	99	2829462	85.01	ng	0.00
23) Nitrobenzene-d5	7.23	82	2520561	81.23	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1289937	120.93	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4646894	87.95	ng	0.00
79) Terphenyl-d14	12.76	244	4713756	63.80	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	339293	15.400	ng	# 78
25) Isophorone	7.23	82	2072305	33.780	ng	# 61
50) Dimethylphthalate	9.70	163	280816	3.884	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	127934	7.525	ng	# 33
57) 2,4-Dinitrotoluene	9.70	165	127934	5.986	ng	# 32
58) Fluorene	10.24	166	5010	Below Cal		# 79
67) 4-Bromophenyl-phenylether	10.49	248	83185	3.770	ng	# 1

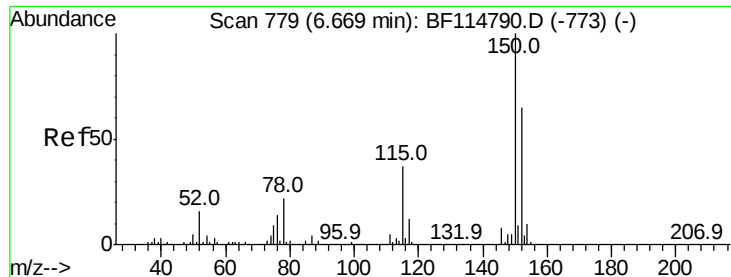
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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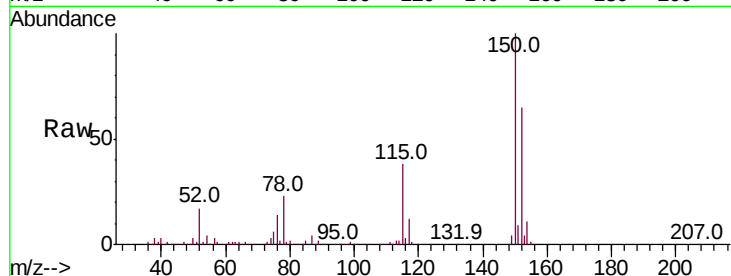


#1

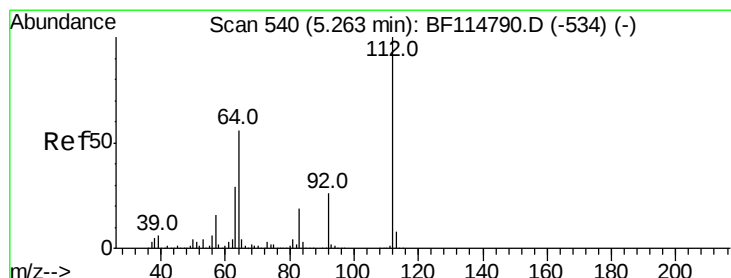
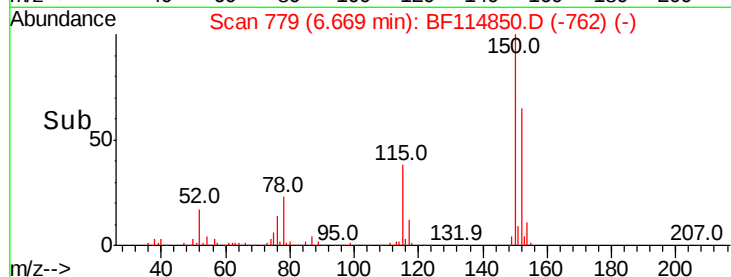
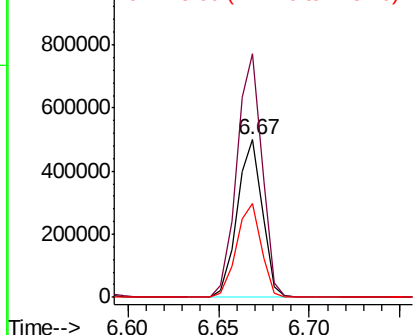
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.0	186.0
115	59.3	46.3	69.5



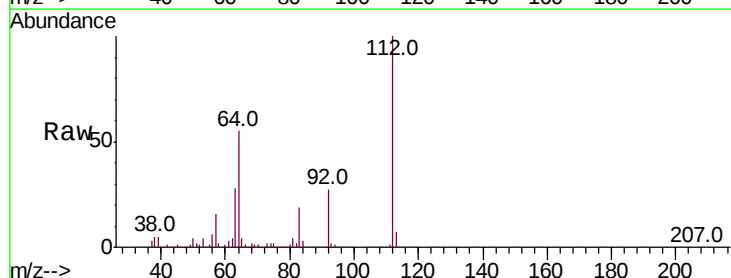
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



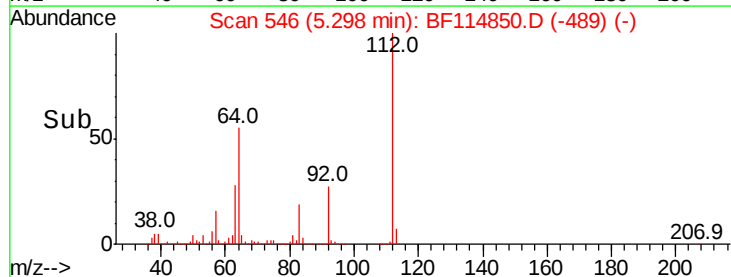
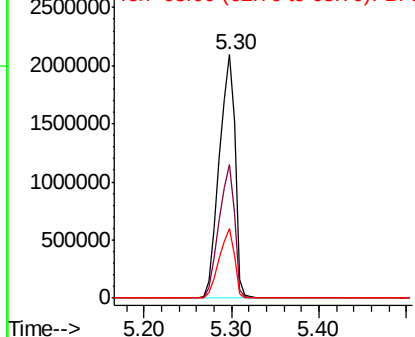
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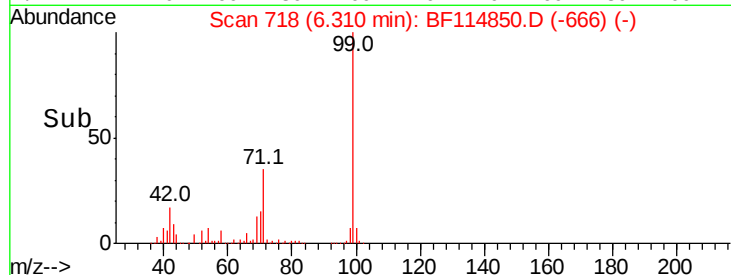
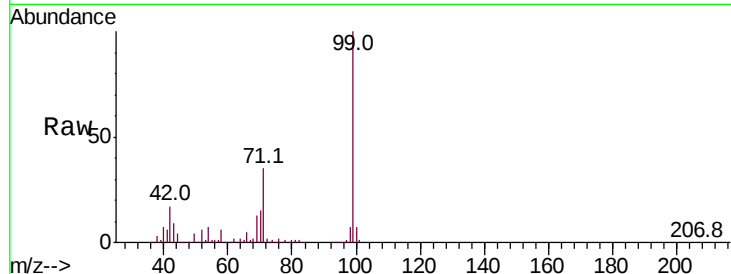
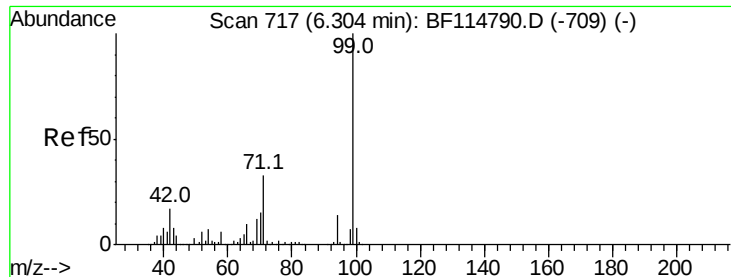
2-Fluorophenol
Concen: 97.272 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.6	66.8
63	28.4	23.0	34.4



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: 85.012 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114850.D

Acq: 6 Jun 2019 9:31

Instrument :

BNA_F

ClientSampled :
2019

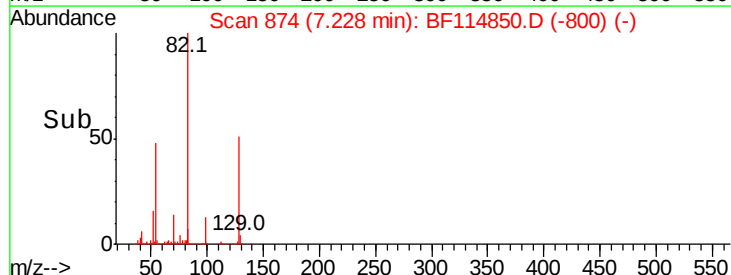
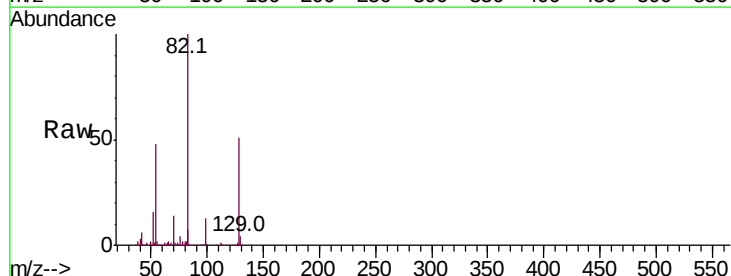
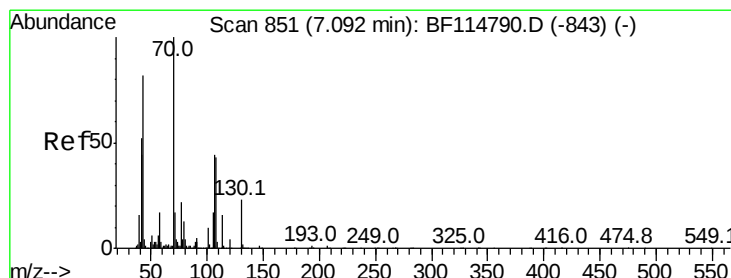
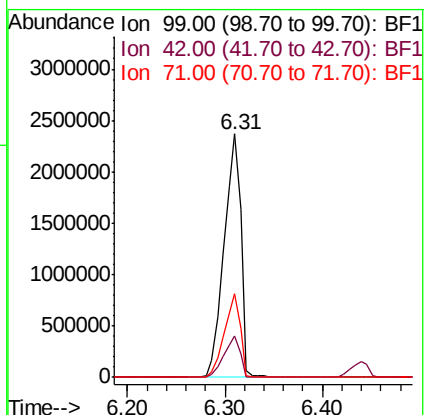
Tot Ion: 99 Resp: 2829462

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

71 34.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.400 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114850.D

Acq: 6 Jun 2019 9:31

Tgt Ion: 70 Resp: 339293

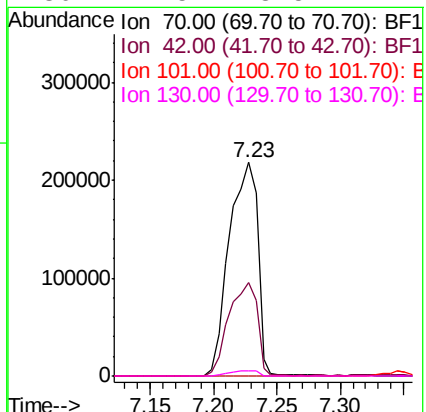
Ion Ratio Lower Upper

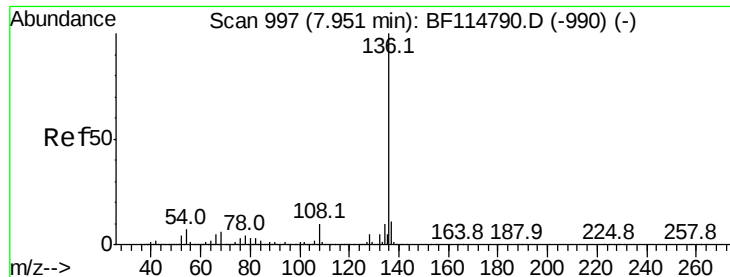
70 100

42 43.6 41.8 62.8

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#



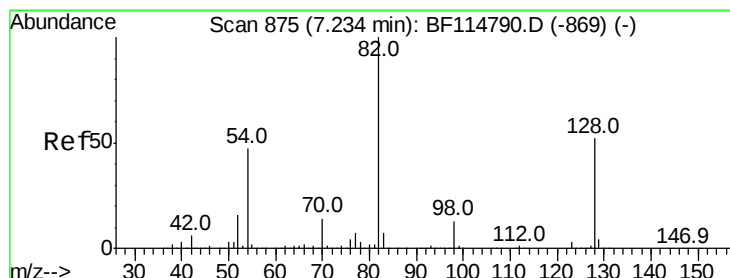
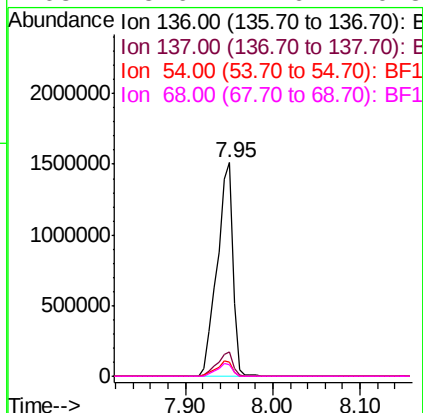
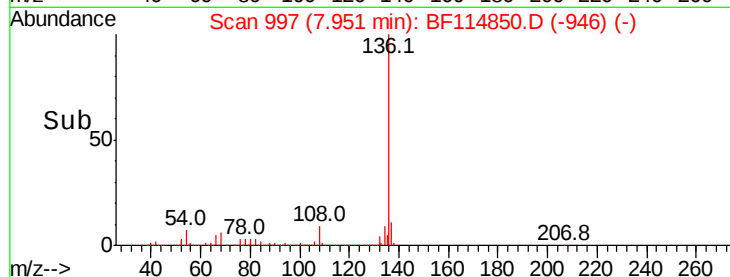
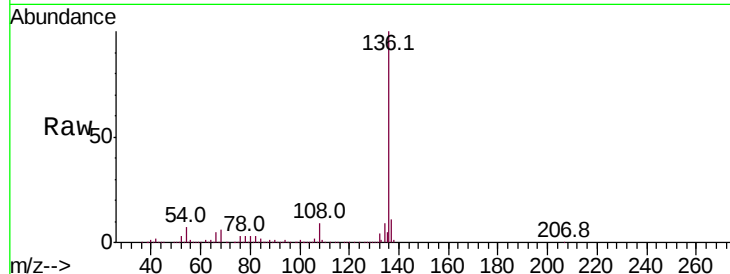


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion:136 Resp: 1910221

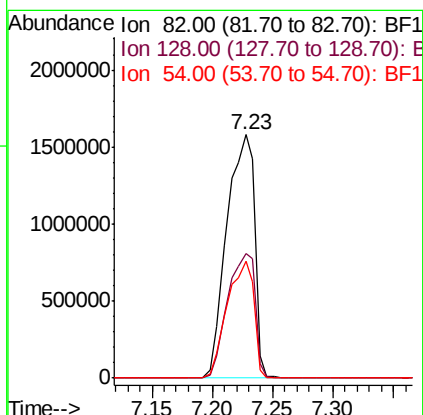
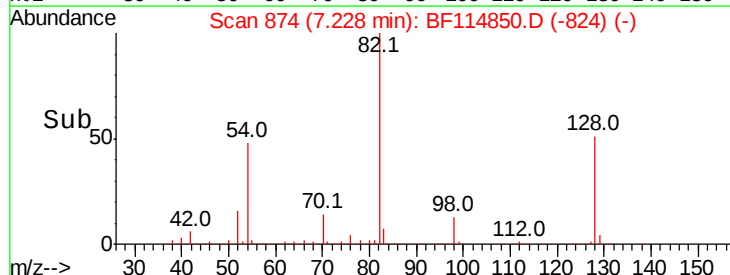
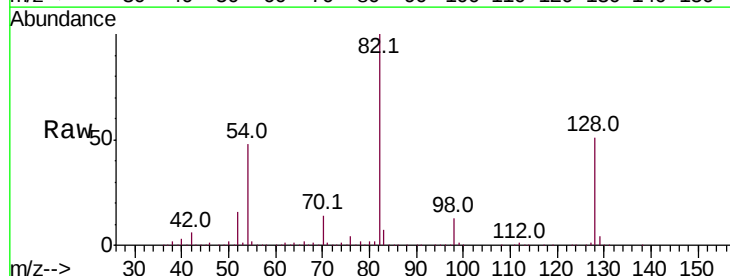
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.4	8.0
68	5.6	4.6	6.8

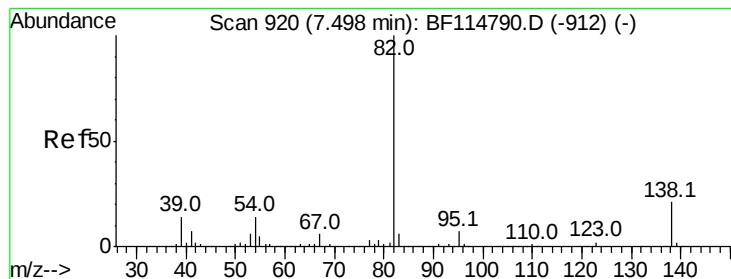


#23
Nitrobenzene-d5
Concen: 81.227 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Tgt Ion: 82 Resp: 2520561

Ion	Ratio	Lower	Upper
82	100		
128	51.4	41.8	62.6
54	47.8	37.9	56.9





#25

Isophorone

Concen: 33.780 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114850.D

Acq: 6 Jun 2019 9:31

Instrument :

BNA_F

ClientSampled :
2019

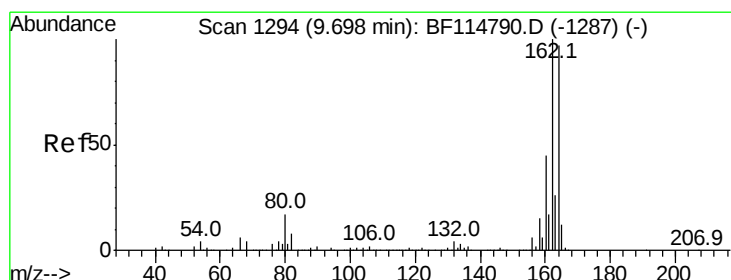
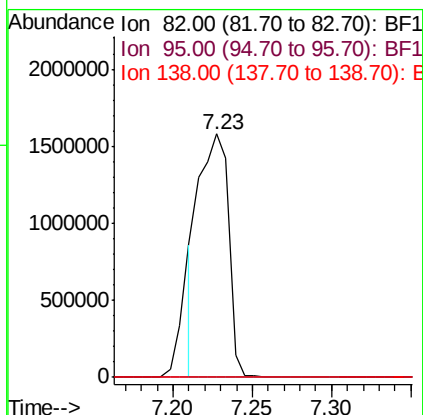
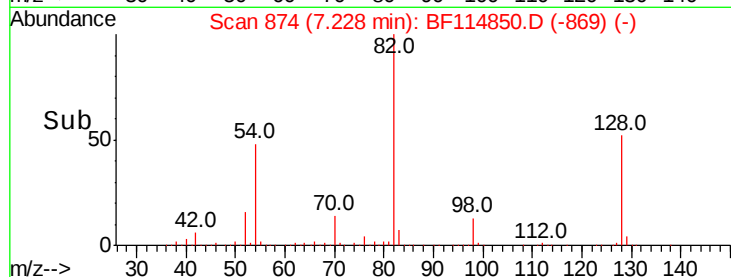
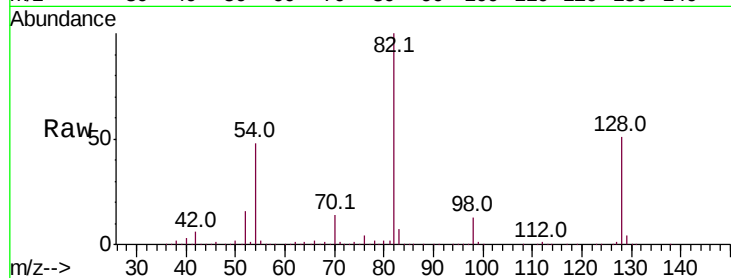
Tot Ion: 82 Resp: 2072305

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF114850.D

Acq: 6 Jun 2019 9:31

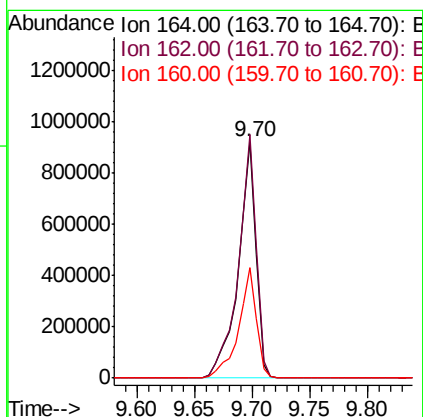
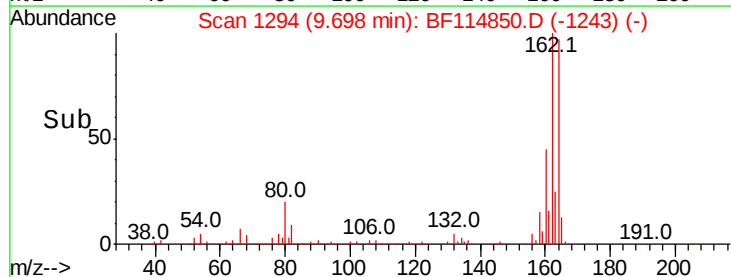
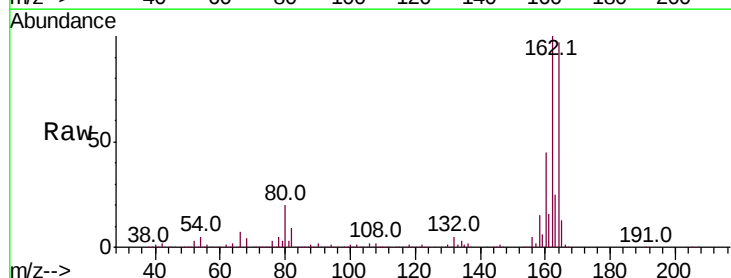
Tgt Ion:164 Resp: 989802

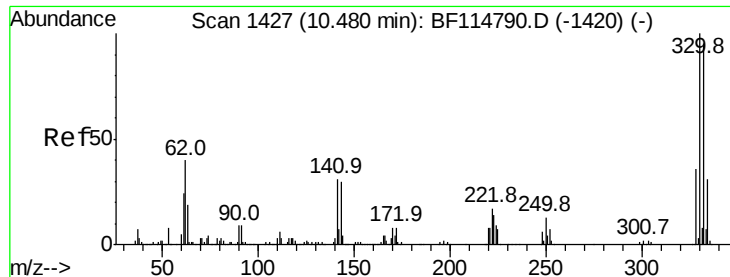
Ion Ratio Lower Upper

164 100

162 103.2 82.3 123.5

160 46.6 36.7 55.1



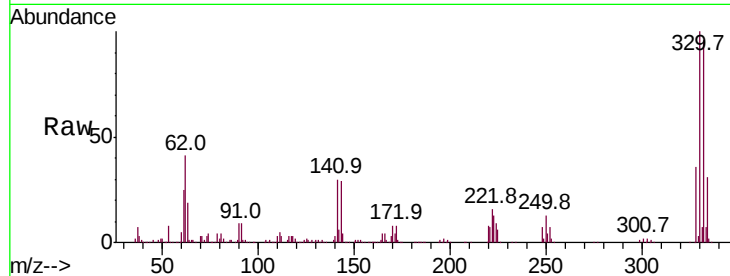


#42
 2,4,6-Tribromophenol
 Concen: 120.931 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114850.D
 Acq: 6 Jun 2019 9:31

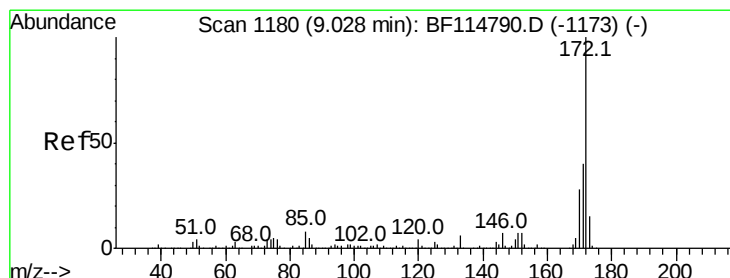
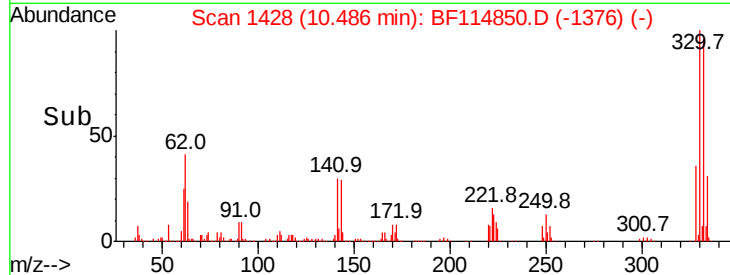
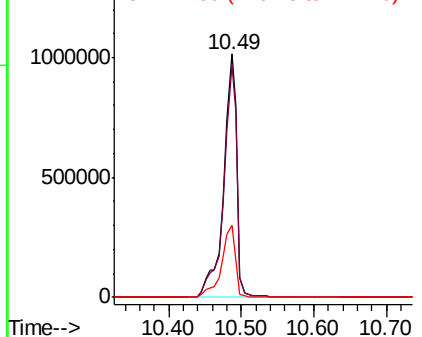
Instrument :
 BNA_F
 ClientSampled :
 2019

Tot Ion:330 Resp: 1289937

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.2	26.2	39.4



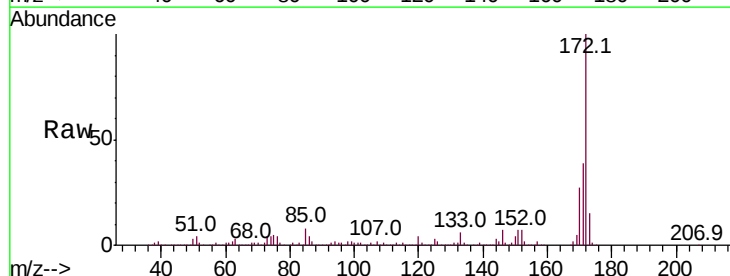
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



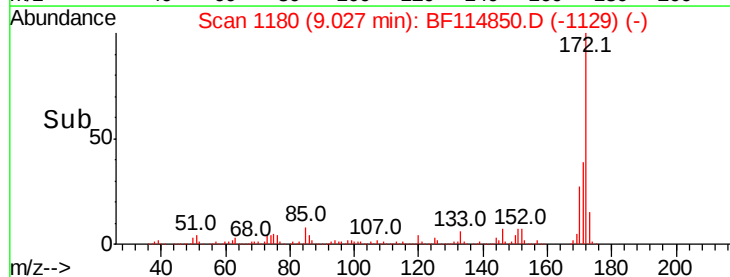
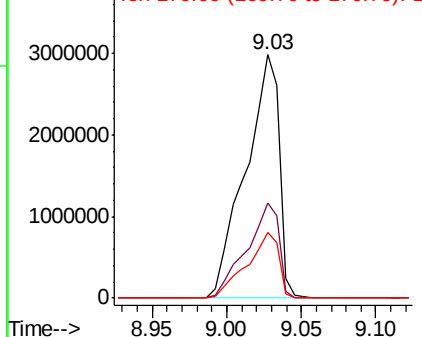
#45
 2-Fluorobiphenyl
 Concen: 87.946 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114850.D
 Acq: 6 Jun 2019 9:31

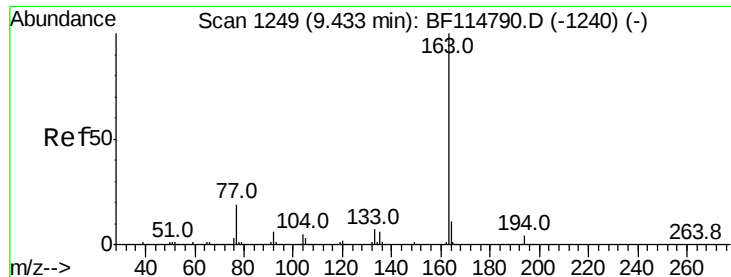
Tgt Ion:172 Resp: 4646894

Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.3	48.5
170	27.0	22.4	33.6



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

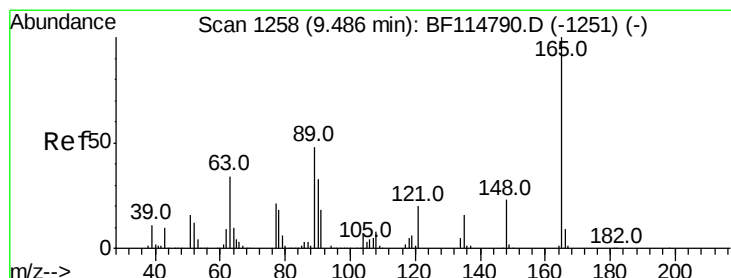
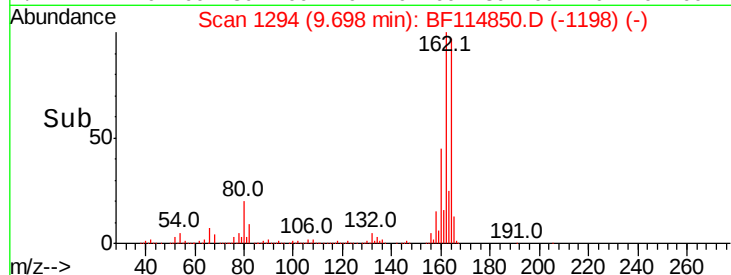
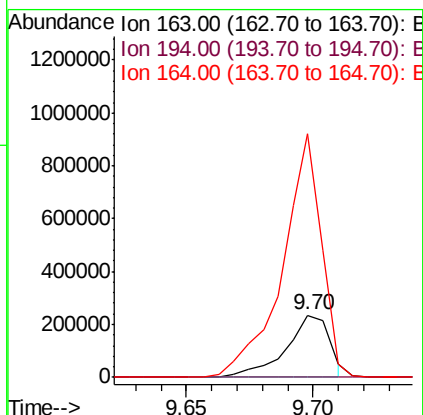
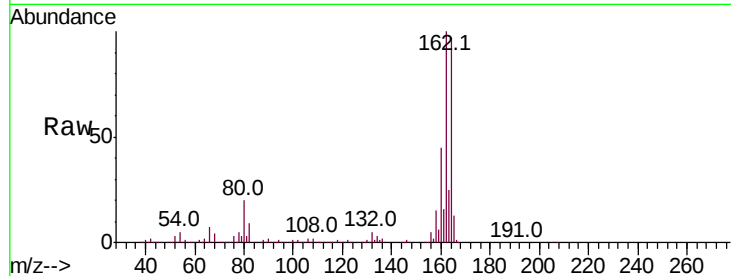




#50
Dimethylphthalate
Concen: 3.884 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

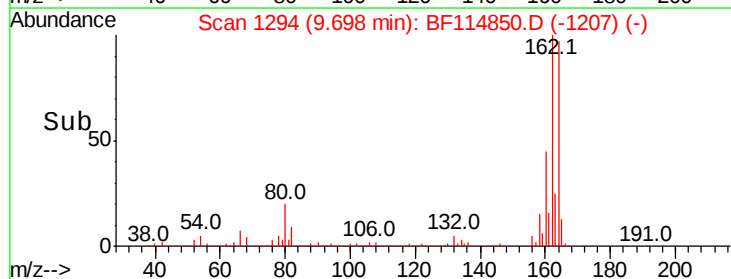
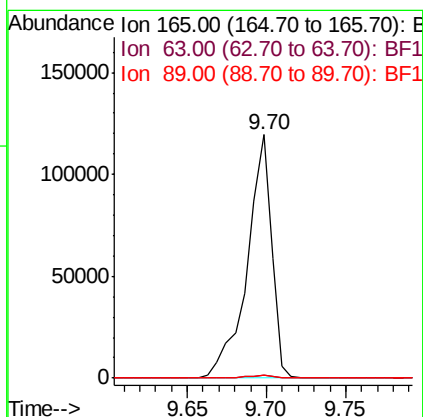
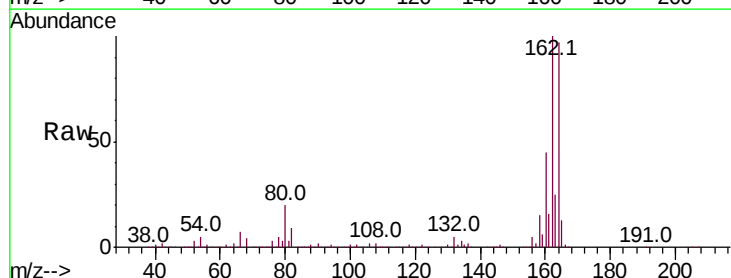
Instrument :
BNA_F
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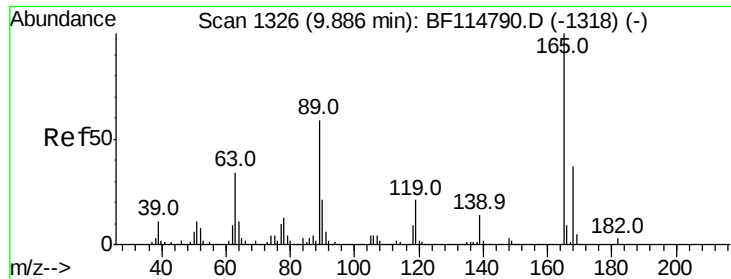
Tot Ion:163 Resp: 280816
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 392.8 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 7.525 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.21 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Tgt Ion:165 Resp: 127934
Ion Ratio Lower Upper
165 100
63 1.3 35.1 52.7#
89 1.3 38.2 57.2#

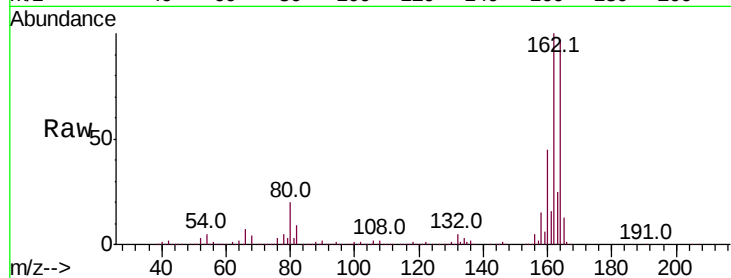




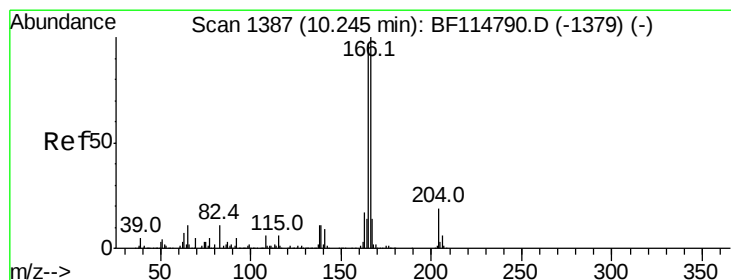
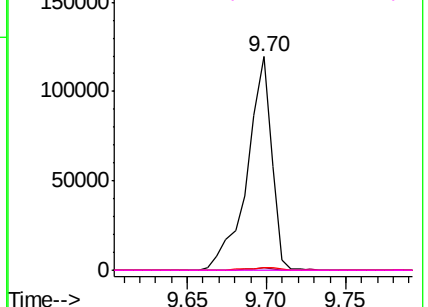
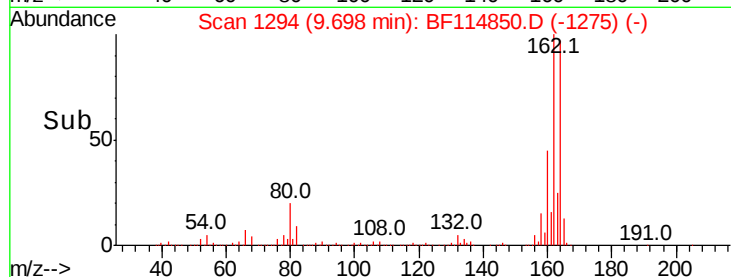
#57
2,4-Dinitrotoluene
Concen: 5.986 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.19 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion:165 Resp: 127934
Ion Ratio Lower Upper
165 100
63 1.3 27.0 40.4#
89 1.3 47.0 70.6#
182 0.0 2.2 3.2#

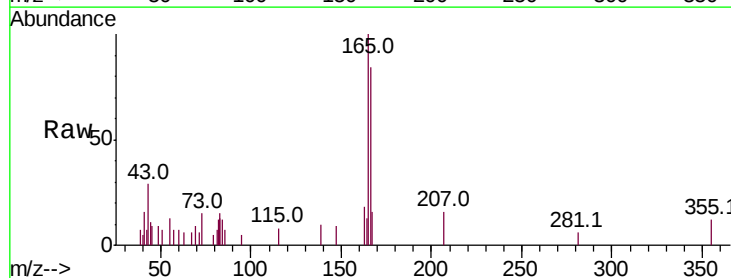


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

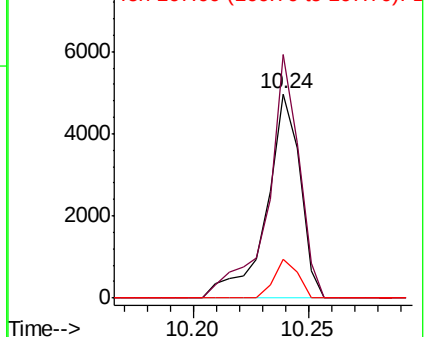
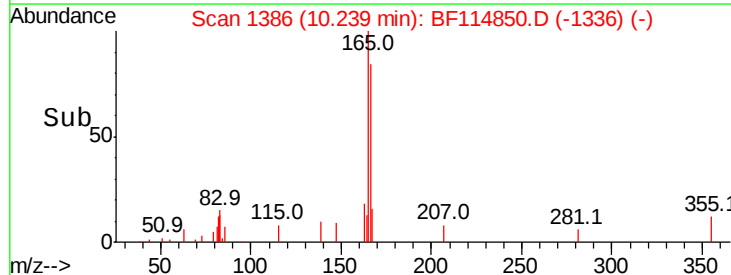


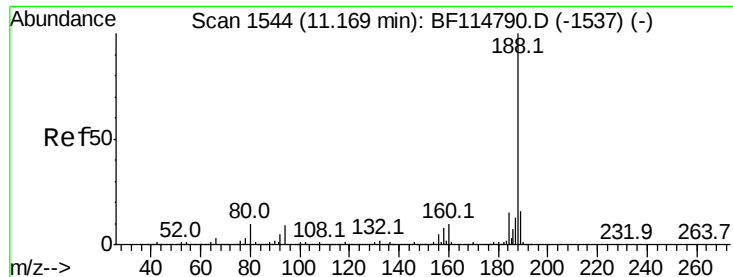
#58
Fluorene
Concen: Below Cal
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Tgt Ion:166 Resp: 5010
Ion Ratio Lower Upper
166 100
165 119.2 77.9 116.9#
167 19.3 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

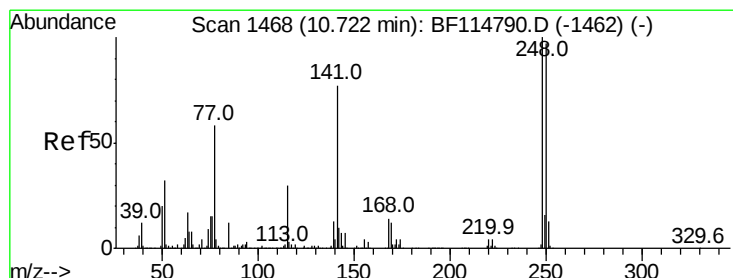
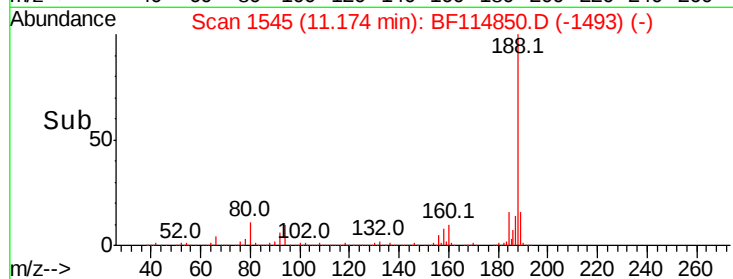
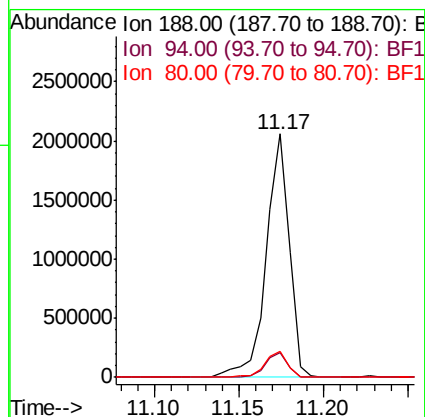
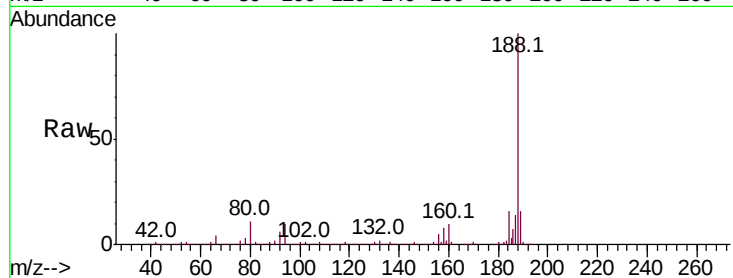




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF114850.D
 Acq: 6 Jun 2019 9:31

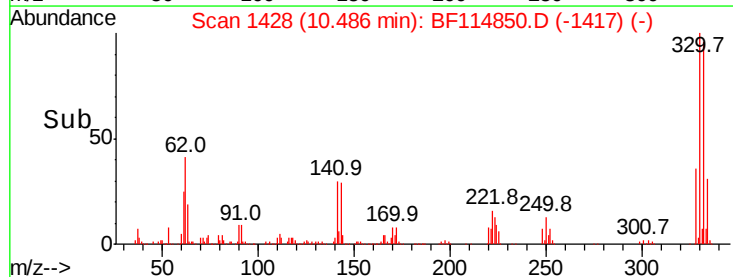
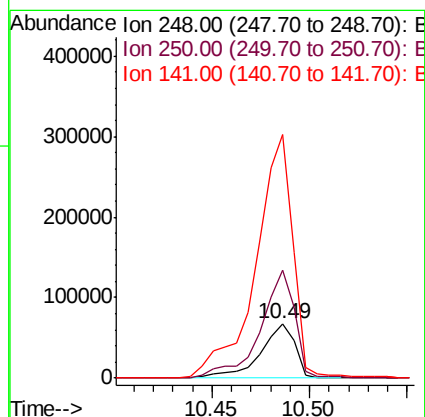
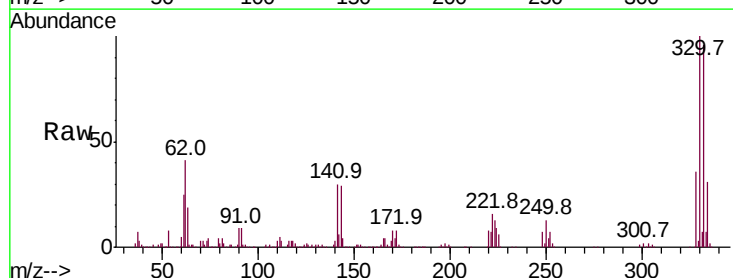
Instrument :
 BNA_F
 ClientSampled :
 2019

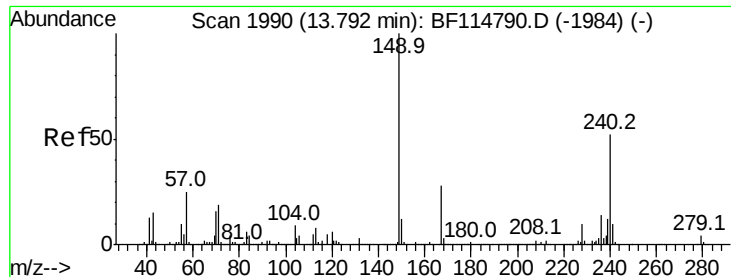
Tot Ion:188 Resp: 1942712
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.6 11.4
 80 10.8 8.3 12.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.770 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF114850.D
 Acq: 6 Jun 2019 9:31

Tgt Ion:248 Resp: 83185
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.5 116.3#
 141 447.7 61.8 92.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114850.D

Acq: 6 Jun 2019 9:31

Instrument :

BNA_F

ClientSampleId :
2019

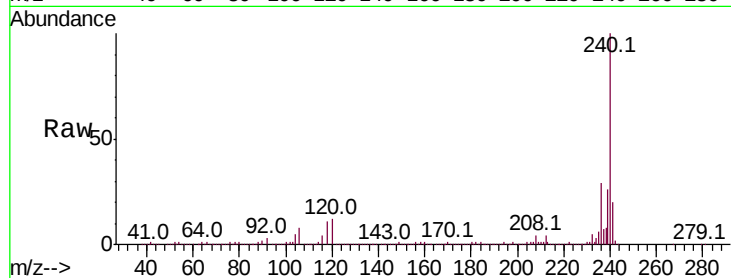
Tot Ion:240 Resp: 1436864

Ion Ratio Lower Upper

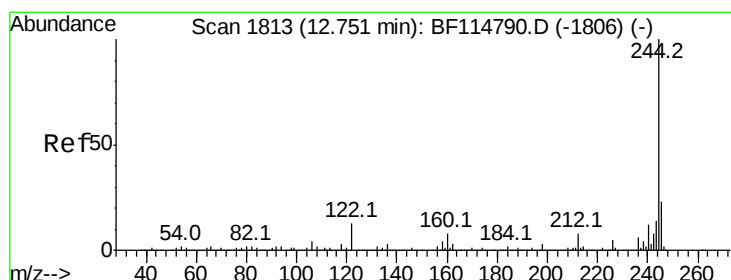
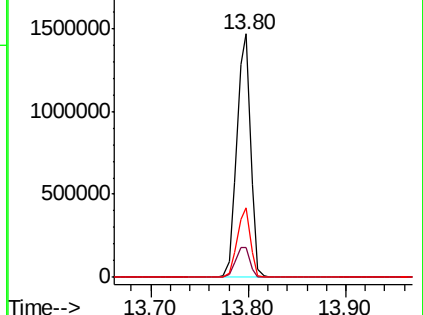
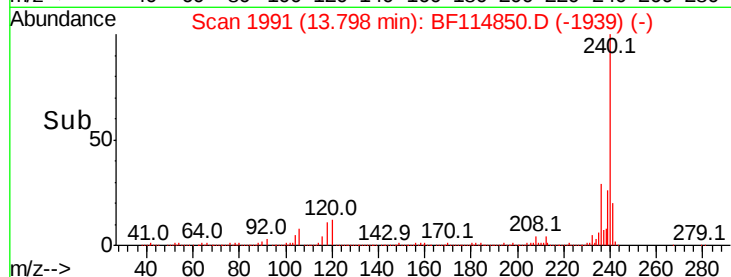
240 100

120 12.0 9.0 13.4

236 28.5 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
2000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 63.799 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114850.D

Acq: 6 Jun 2019 9:31

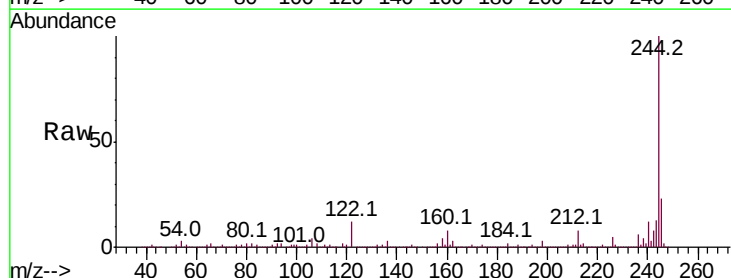
Tgt Ion:244 Resp: 4713756

Ion Ratio Lower Upper

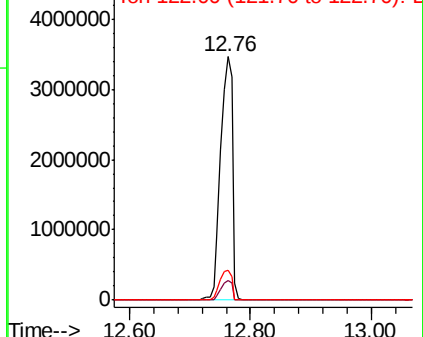
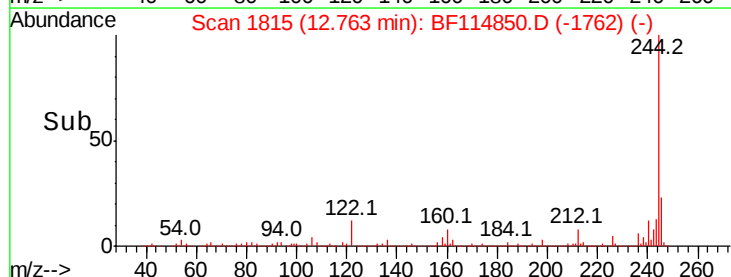
244 100

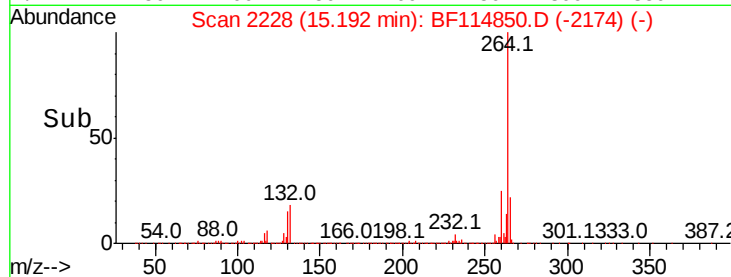
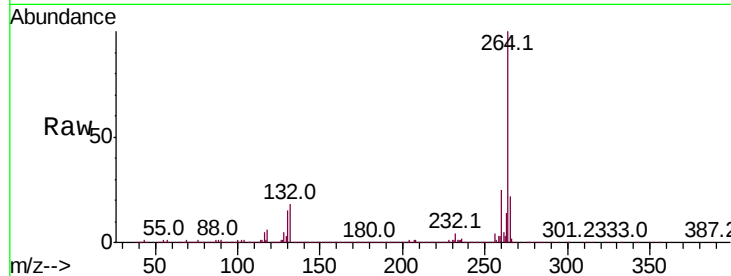
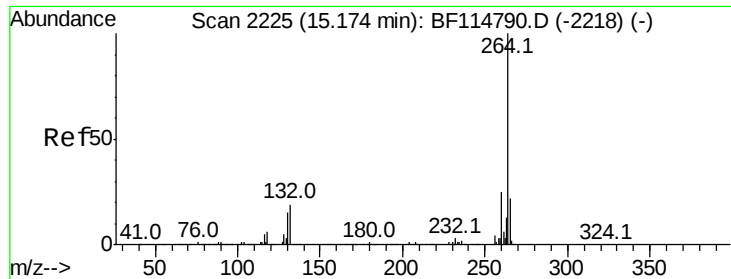
212 8.2 6.5 9.7

122 12.3 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E
4000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BF114850.D
Acq: 6 Jun 2019 9:31

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion:264 Resp: 1377162

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	22.5	17.7	26.5

