

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111924.D
 Acq On : 8 Jan 2019 23:00
 Operator : JU/SJ
 Sample : K1075-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 01:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

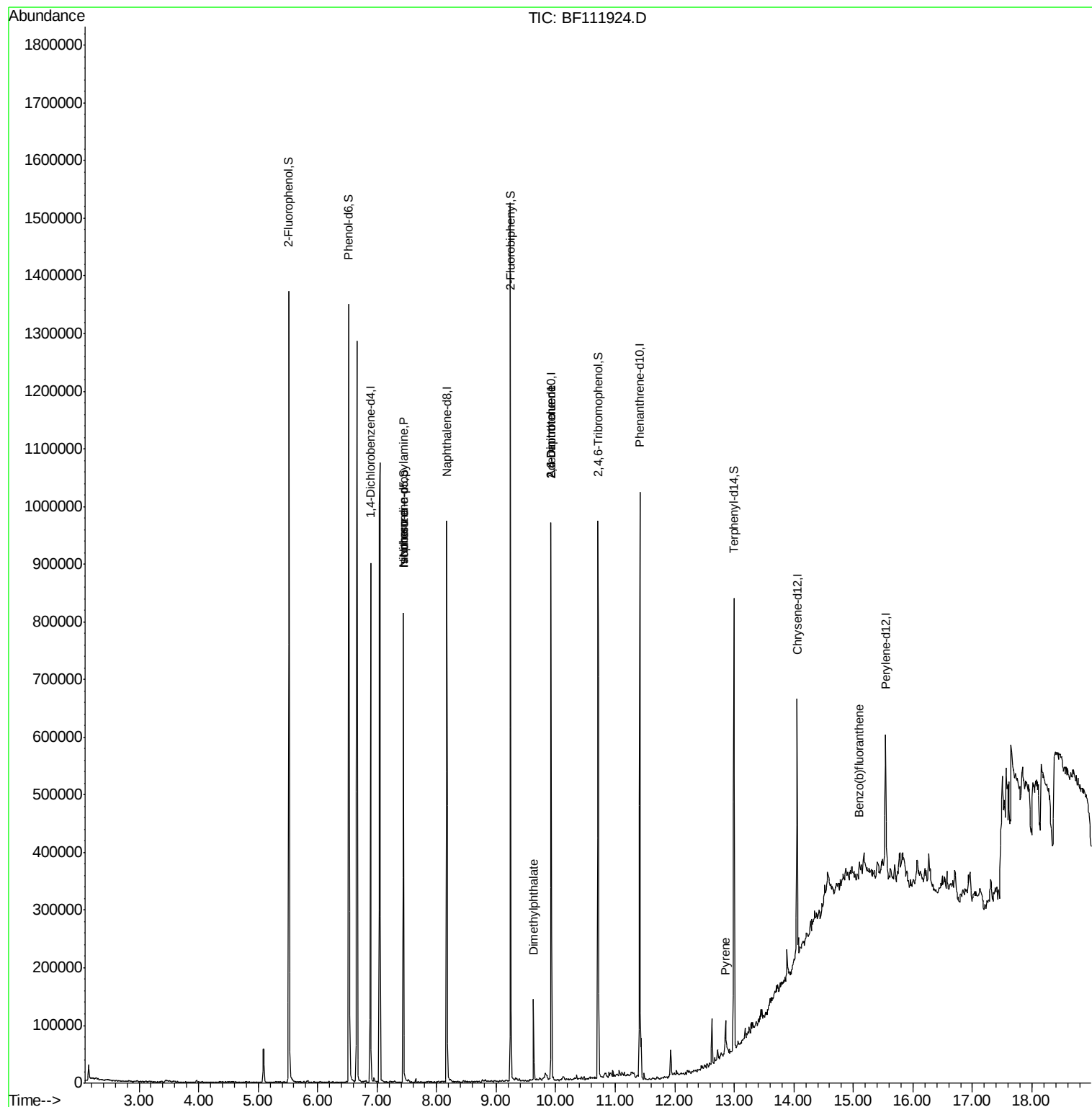
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121285	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	386293	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	190881	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	331931	20.00	ng	0.00
76) Chrysene-d12	14.05	240	148935	20.00	ng	0.00
87) Perylene-d12	15.54	264	112324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	327663	46.22	ng	0.00
7) Phenol-d6	6.52	99	387897	42.45	ng	-0.01
23) Nitrobenzene-d5	7.44	82	217984	30.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	108913	43.87	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	412383	31.50	ng	-0.01
79) Terphenyl-d14	12.99	244	242062	30.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	779	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	29474	4.965 ng	#	75
25) Isophorone	7.44	82	217982	18.624 ng	#	65
50) Dimethylphthalate	9.63	163	55873	3.897 ng	#	99
51) 2,6-Dinitrotoluene	9.92	165	24085	7.511 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	24085	5.813 ng	#	27
78) Pyrene	12.85	202	25169	2.456 ng	#	98
88) Benzo(b)fluoranthene	15.10	252	16321	2.429 ng	#	67

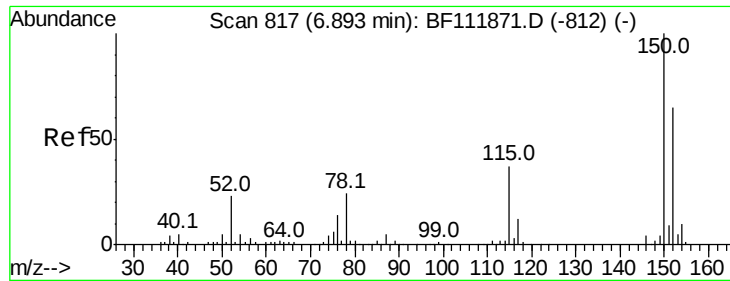
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111924.D
Acq On : 8 Jan 2019 23:00
Operator : JU/SJ
Sample : K1075-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 09 01:00:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



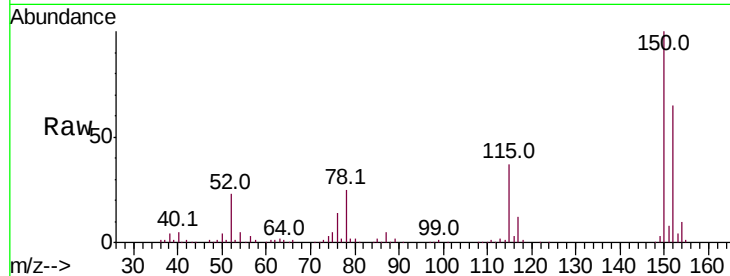


#1

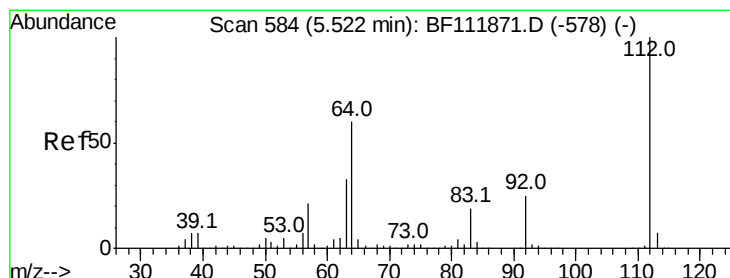
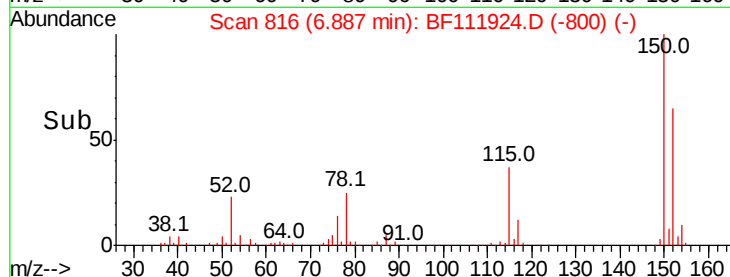
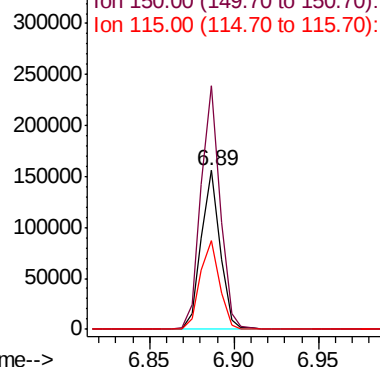
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121285
Ion Ratio Lower Upper
152 100
150 153.1 122.7 184.1
115 56.1 45.2 67.8



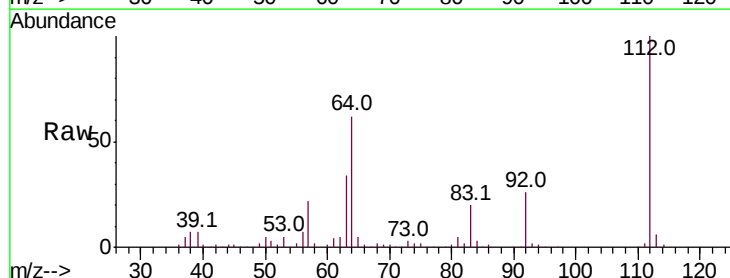
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



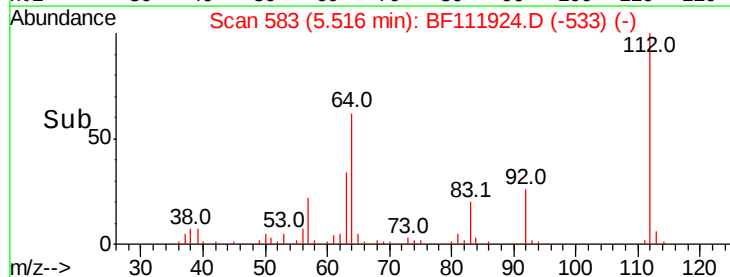
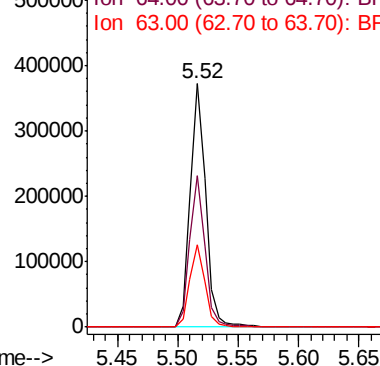
#5

2-Fluorophenol
Concen: 46.219 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Tgt Ion:112 Resp: 327663
Ion Ratio Lower Upper
112 100
64 62.3 48.3 72.5
63 34.1 26.1 39.1



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: 42.452 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

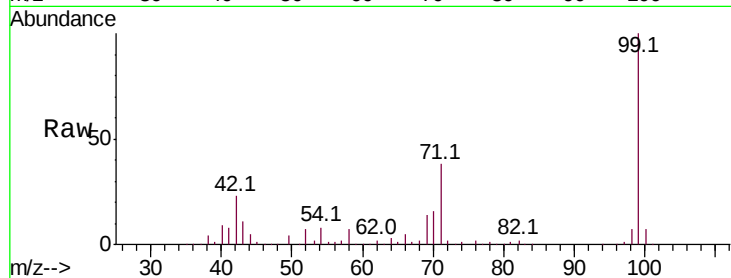
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 387897

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	37.5	28.7	43.1

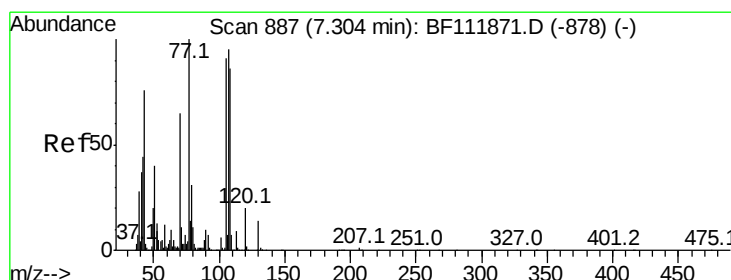
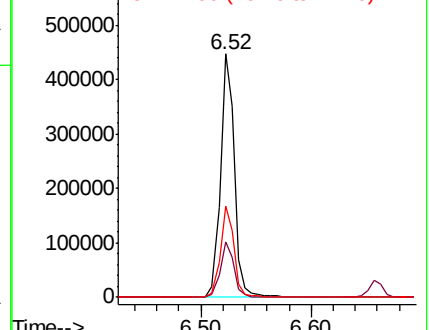
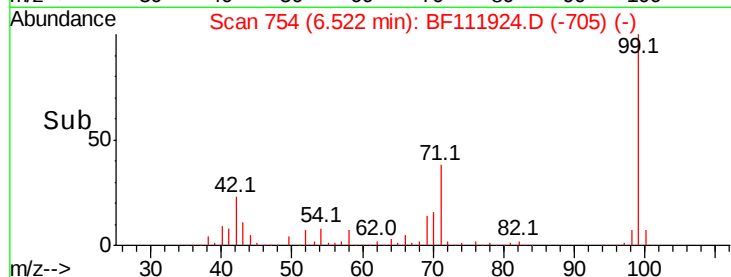


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 4.965 ng

RT: 7.44 min Scan# 910

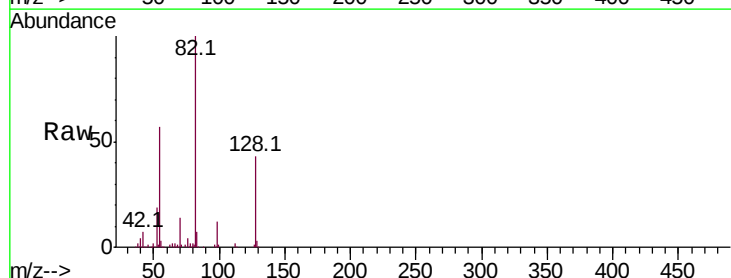
Delta R.T. 0.14 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

Tgt Ion: 70 Resp: 29474

Ion	Ratio	Lower	Upper
70	100		
42	50.6	53.6	80.4#
101	0.0	7.3	10.9#
130	3.0	16.8	25.2#



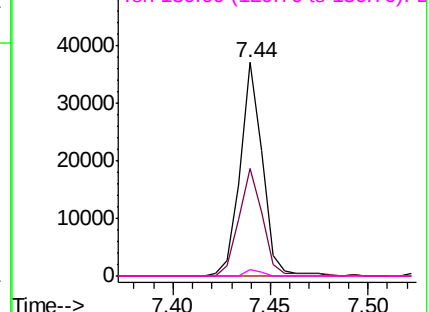
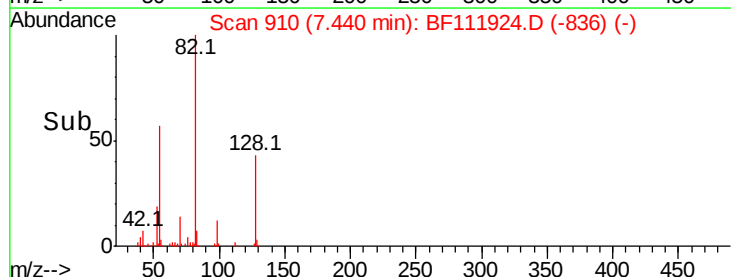
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

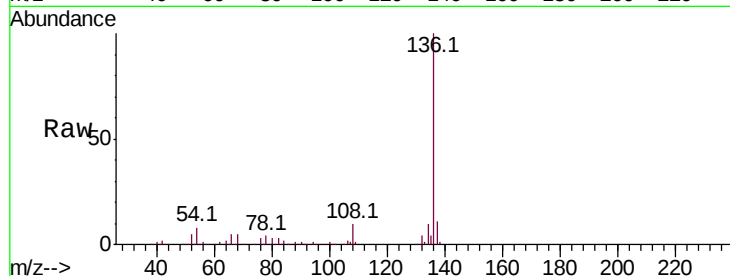




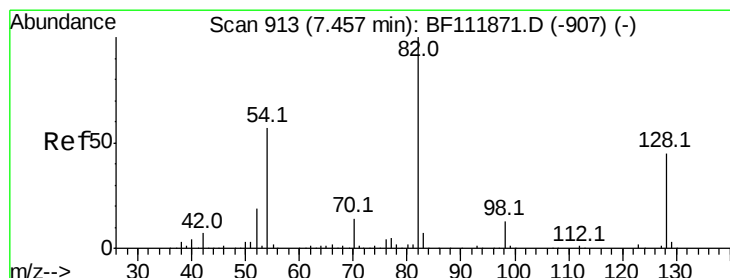
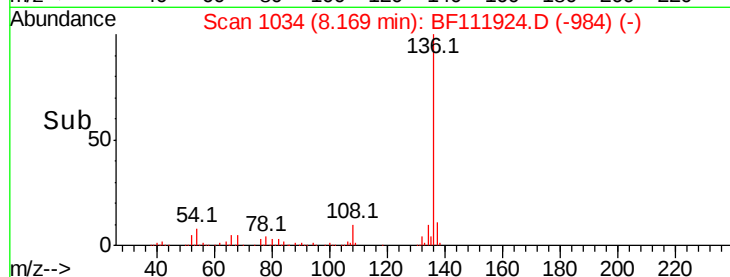
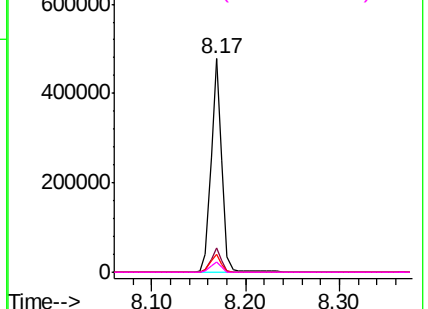
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	386293	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.1	13.7	
54 8.5	7.2	10.8	
68 5.0	4.4	6.6	

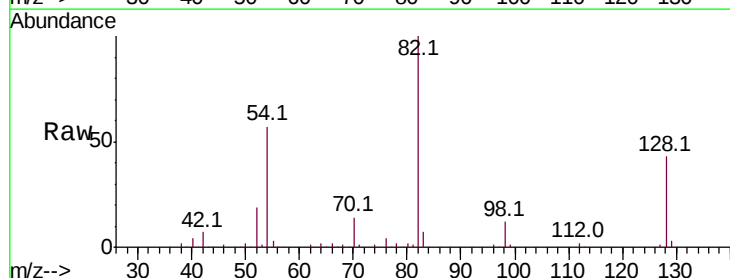


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

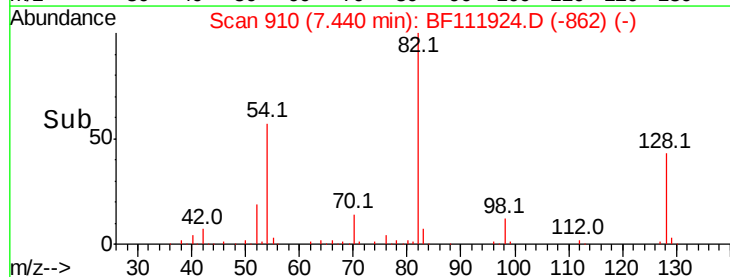
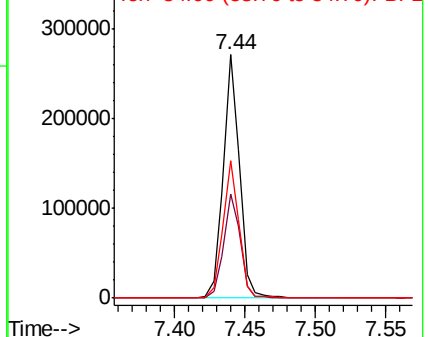


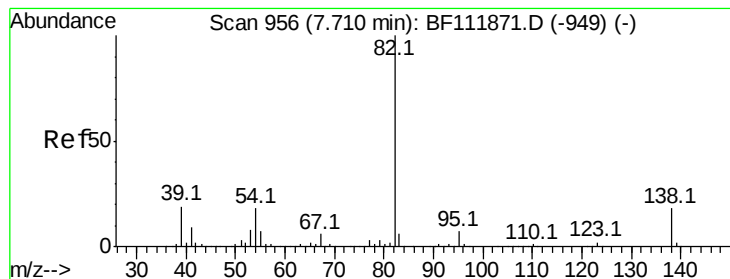
#23
Nitrobenzene-d5
Concen: 30.159 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Tgt	Ion: 82	Resp:	217984
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.7	53.5
54	56.7	45.8	68.8



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





#25

Isophorone

Concen: 18.624 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

Instrument :

BNA_F

ClientSampled :

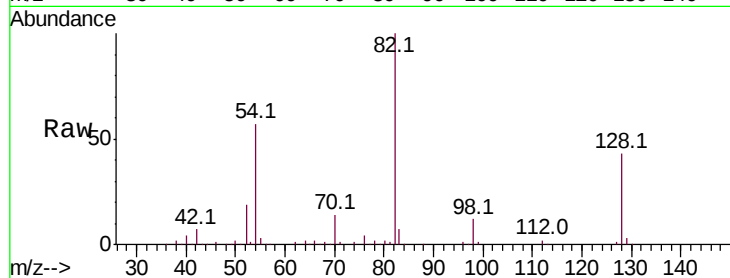
Tot Ion: 82 Resp: 217982

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

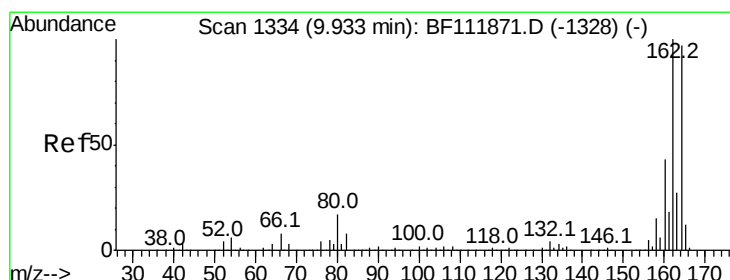
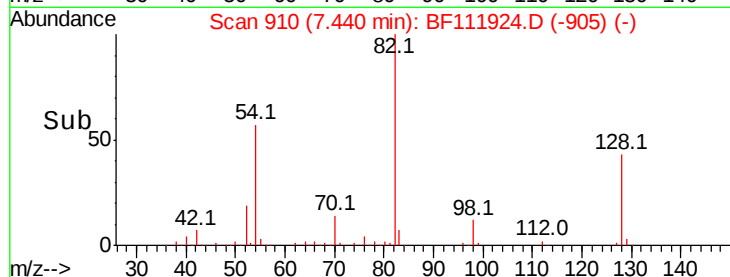
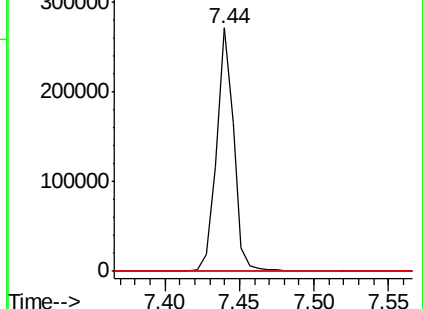
138 0.0 14.4 21.6#



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

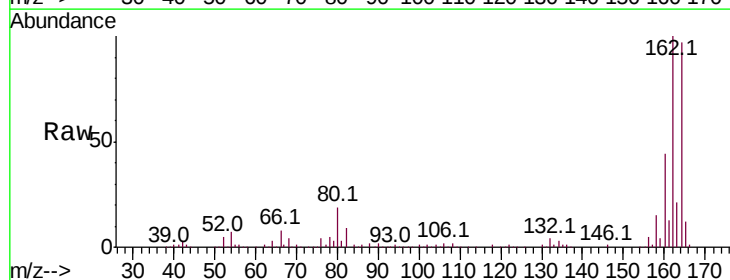
Tgt Ion:164 Resp: 190881

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

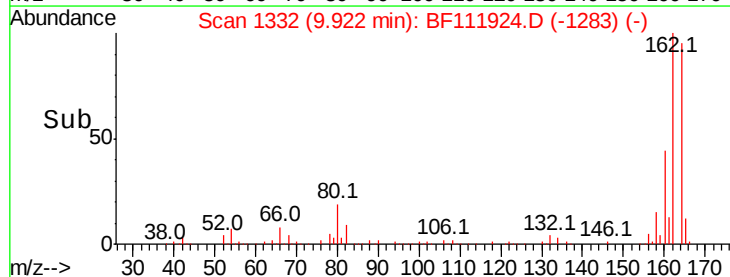
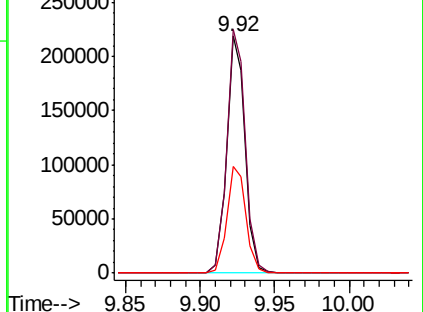
160 45.1 35.5 53.3

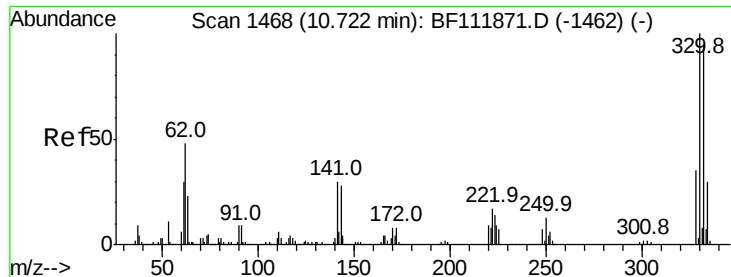


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

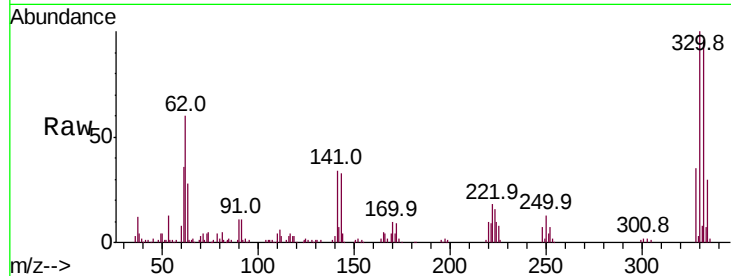




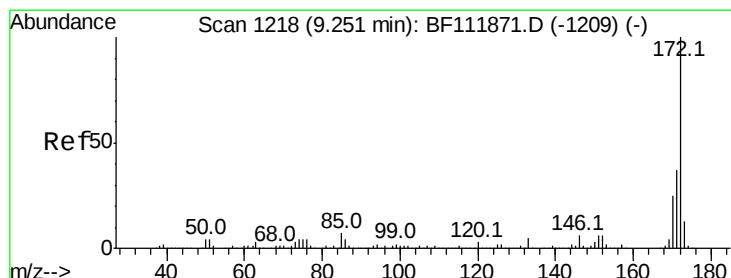
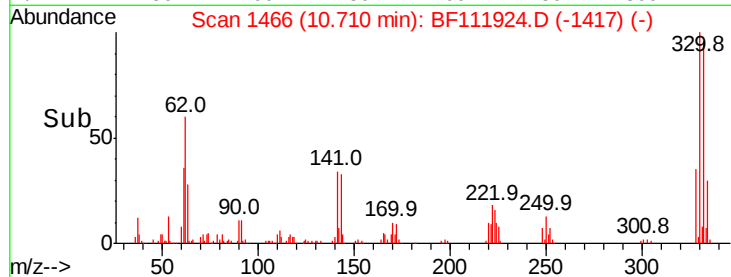
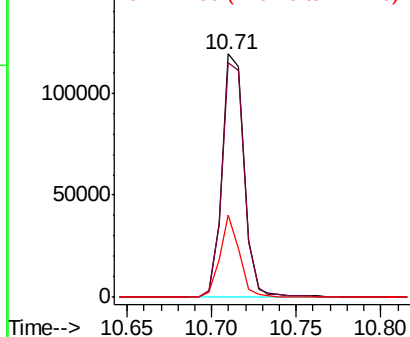
#42
 2,4,6-Tribromophenol
 Concen: 43.867 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111924.D
 Acq: 8 Jan 2019 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	30.2	23.7	35.5

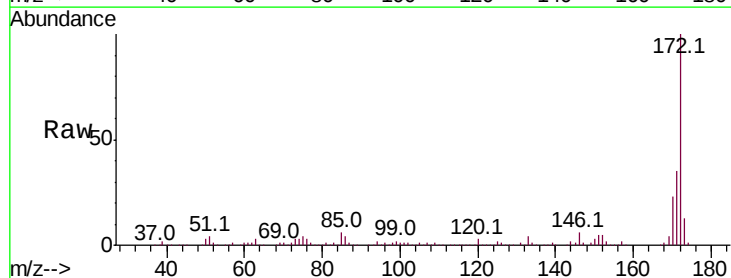


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

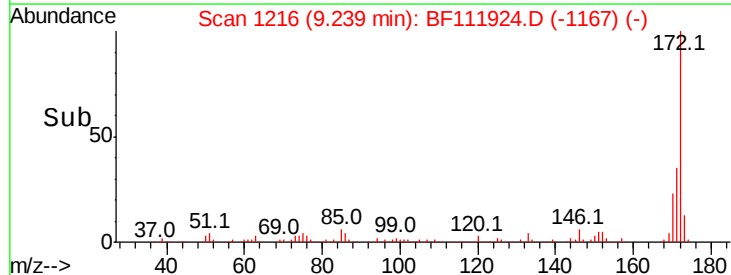
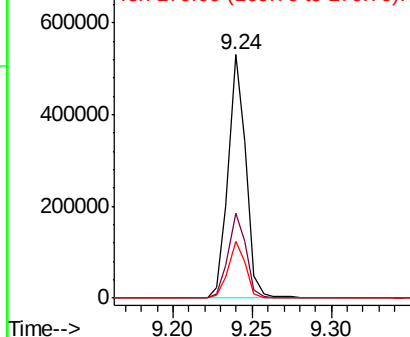


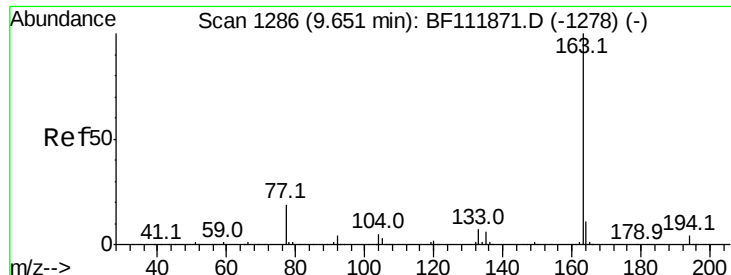
#45
 2-Fluorobiphenyl
 Concen: 31.503 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111924.D
 Acq: 8 Jan 2019 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.2	19.8	29.8



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

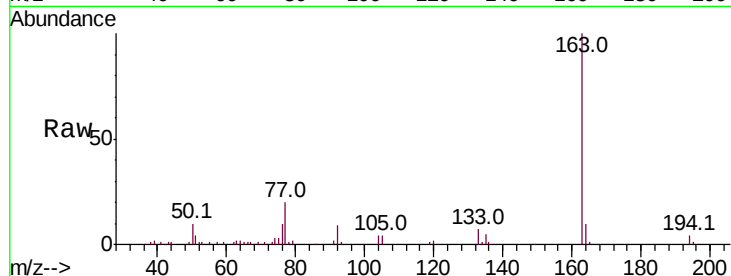




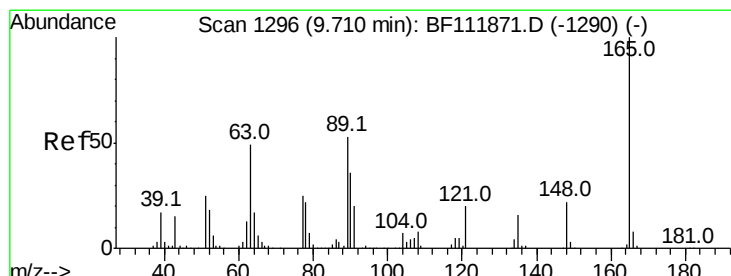
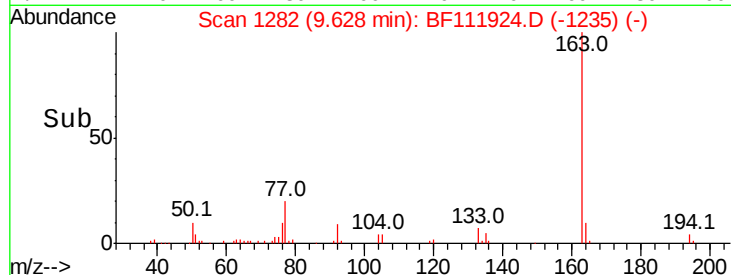
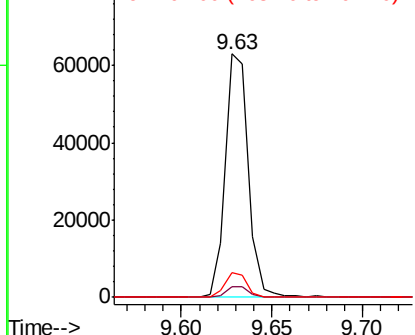
#50
Dimethylphthalate
Concen: 3.897 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 55873
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.5 12.7

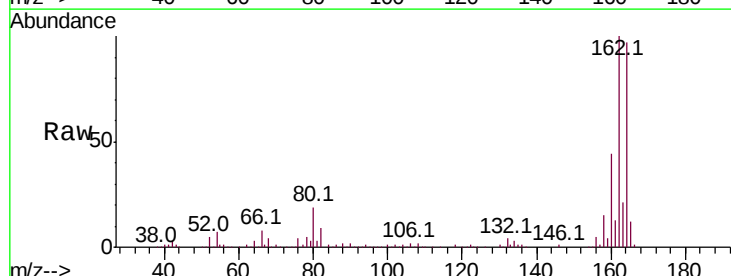


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

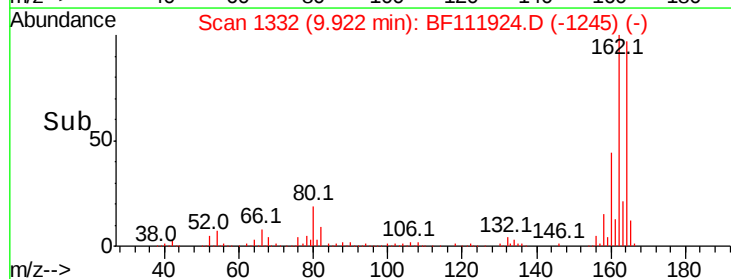
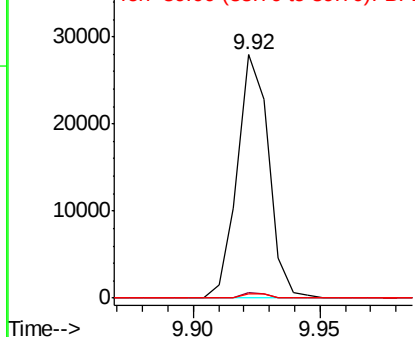


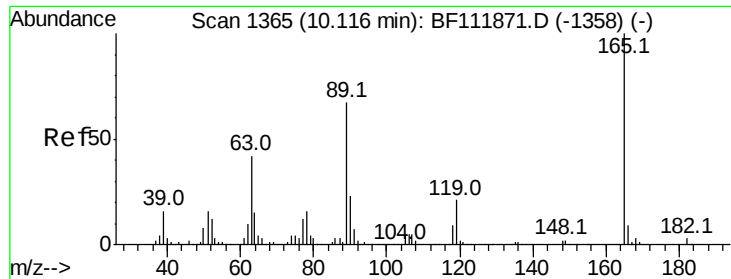
#51
2,6-Dinitrotoluene
Concen: 7.511 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Tgt Ion:165 Resp: 24085
Ion Ratio Lower Upper
165 100
63 2.2 46.2 69.2#
89 1.5 42.2 63.2#



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

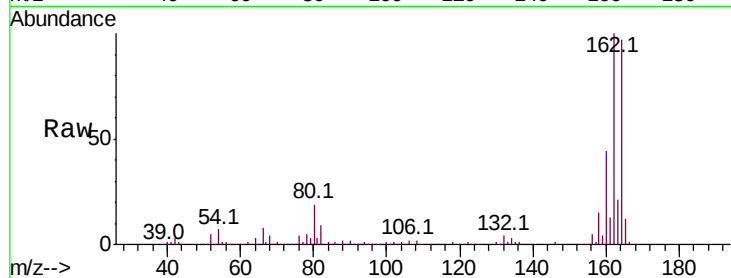




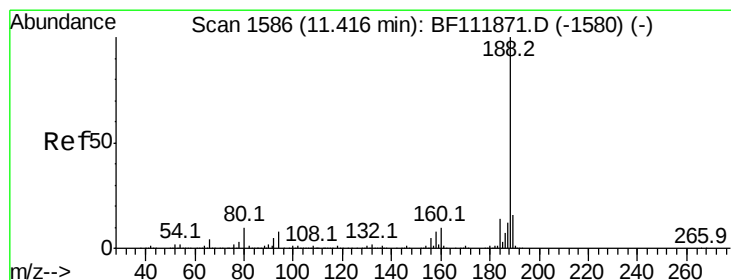
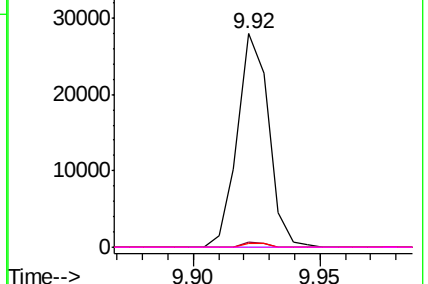
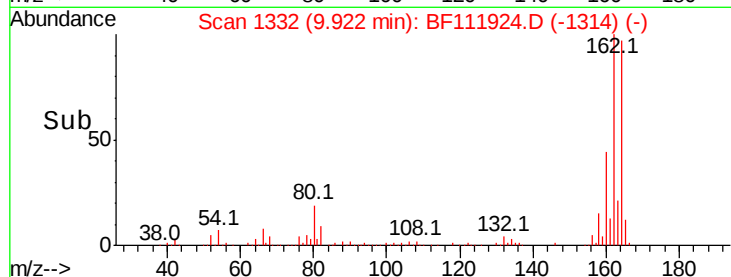
#57
 2,4-Dinitrotoluene
 Concen: 5.813 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111924.D
 Acq: 8 Jan 2019 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24085
 Ion Ratio Lower Upper
 165 100
 63 2.2 34.1 51.1#
 89 1.5 53.5 80.3#
 182 0.0 2.0 3.0#

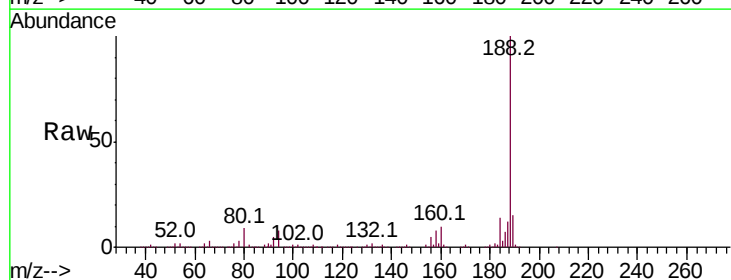


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

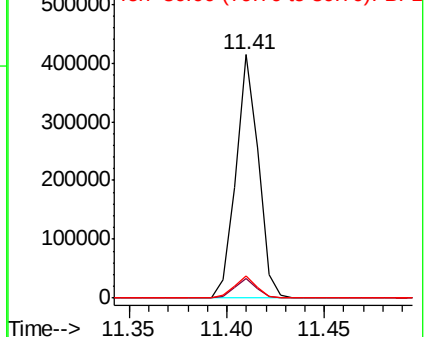
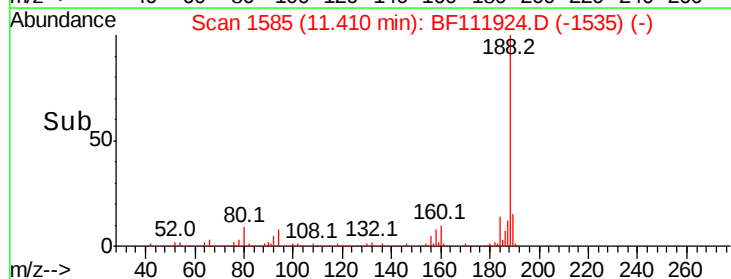


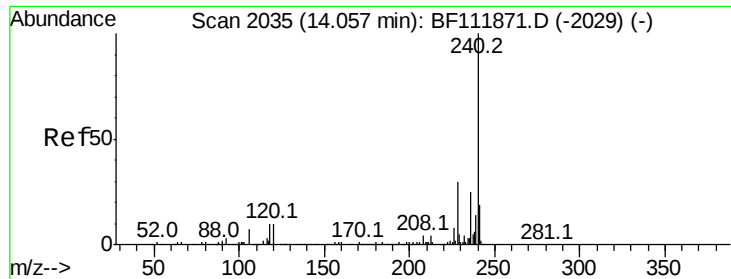
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111924.D
 Acq: 8 Jan 2019 23:00

Tgt Ion:188 Resp: 331931
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.6 10.0
 80 9.0 7.7 11.5



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

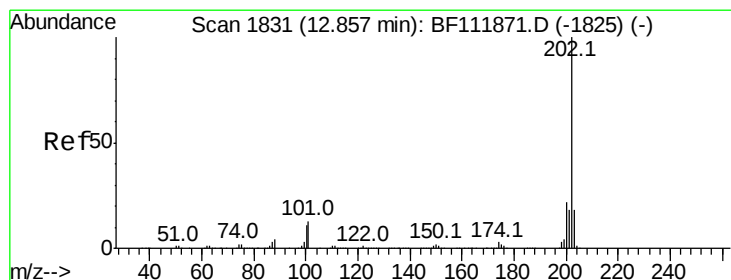
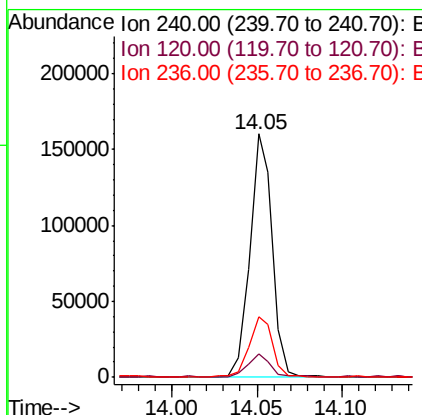
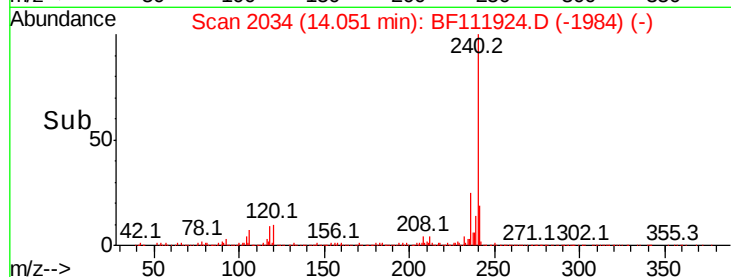
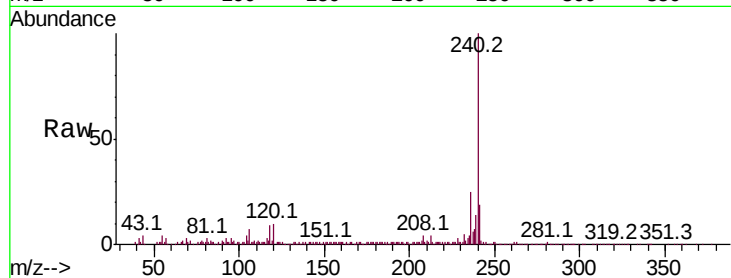




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

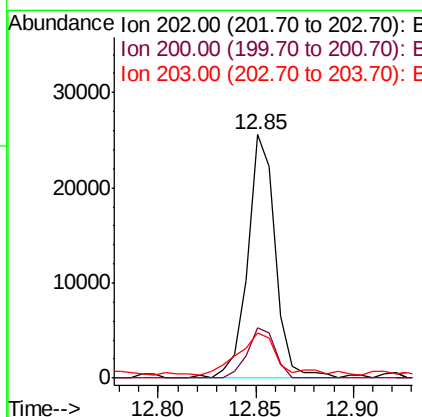
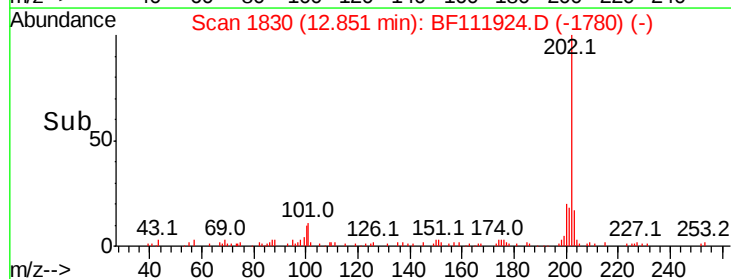
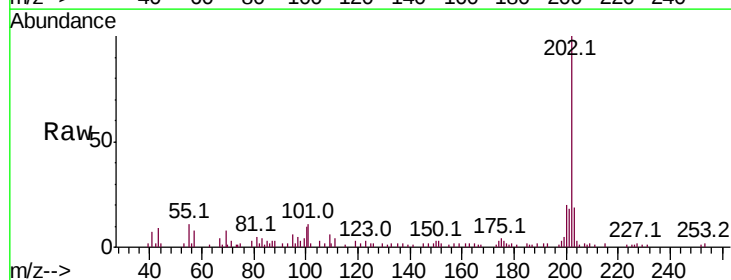
Instrument :
BNA_F
ClientSampleId :

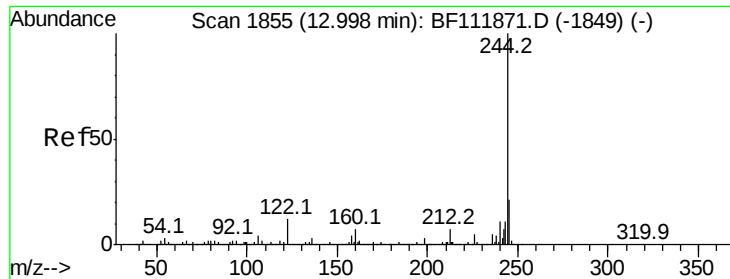
Tot Ion:240 Resp: 148935
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.1 20.2 30.4



#78
Pyrene
Concen: 2.456 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111924.D
Acq: 8 Jan 2019 23:00

Tgt Ion:202 Resp: 25169
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 18.7 14.6 21.8





#79

Terphenyl-d14

Concen: 30.852 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

Instrument :

BNA_F

ClientSampleId :

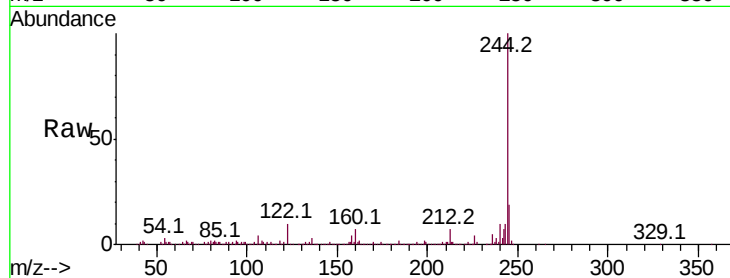
Tot Ion:244 Resp: 242062

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

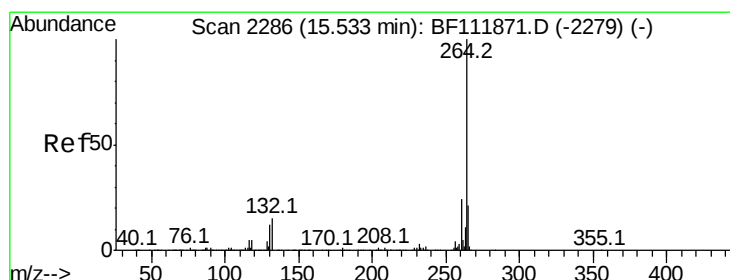
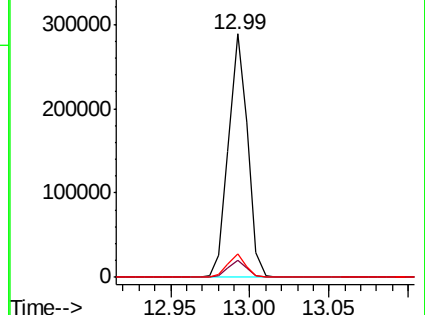
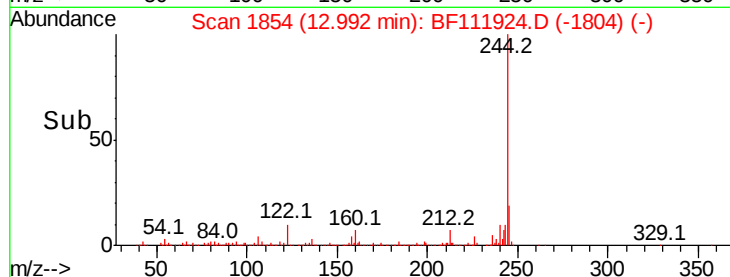
122 9.7 9.5 14.3



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

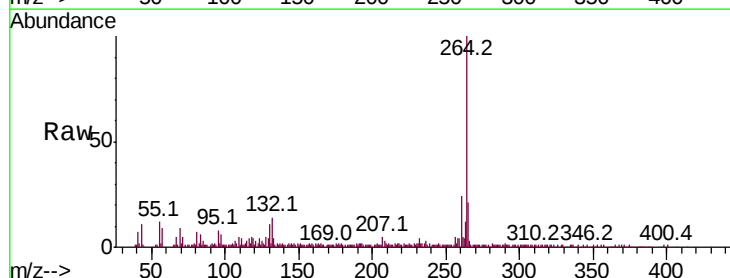
Tgt Ion:264 Resp: 112324

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

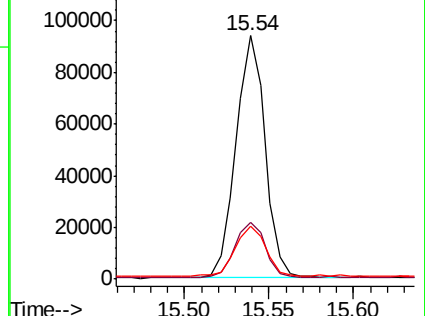
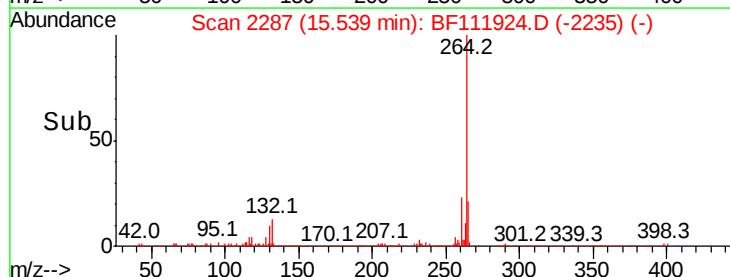
265 21.5 17.1 25.7

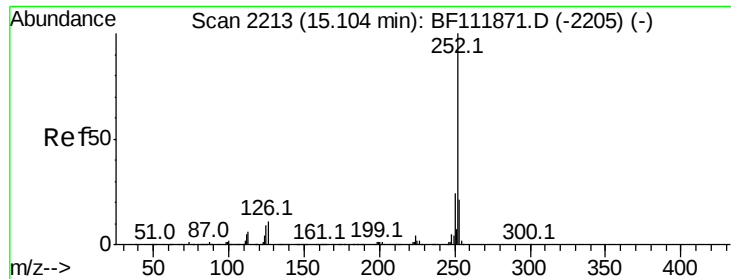


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.429 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF111924.D

Acq: 8 Jan 2019 23:00

Instrument :

BNA_F

ClientSampleId :

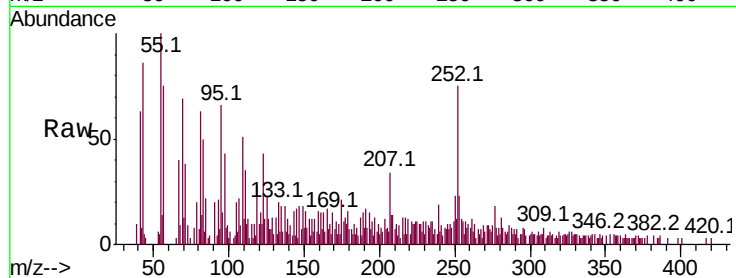
Tot Ion:252 Resp: 16321

Ion Ratio Lower Upper

252 100

253 31.3 17.0 25.6#

125 30.8 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

