

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112085.D
 Acq On : 17 Jan 2019 13:23
 Operator : JU/SJ
 Sample : K1167-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1

Quant Time: Jan 17 13:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	306236	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1115961	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	510885	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	821246	20.00	ng	0.00
76) Chrysene-d12	14.03	240	678768	20.00	ng	0.00
87) Perylene-d12	15.50	264	585854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2016200	119.50	ng	0.01
7) Phenol-d6	6.51	99	2551038	120.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1562241	96.72	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	644766	116.99	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2624502	75.32	ng	0.00
79) Terphenyl-d14	12.97	244	2201762	69.01	ng	0.00

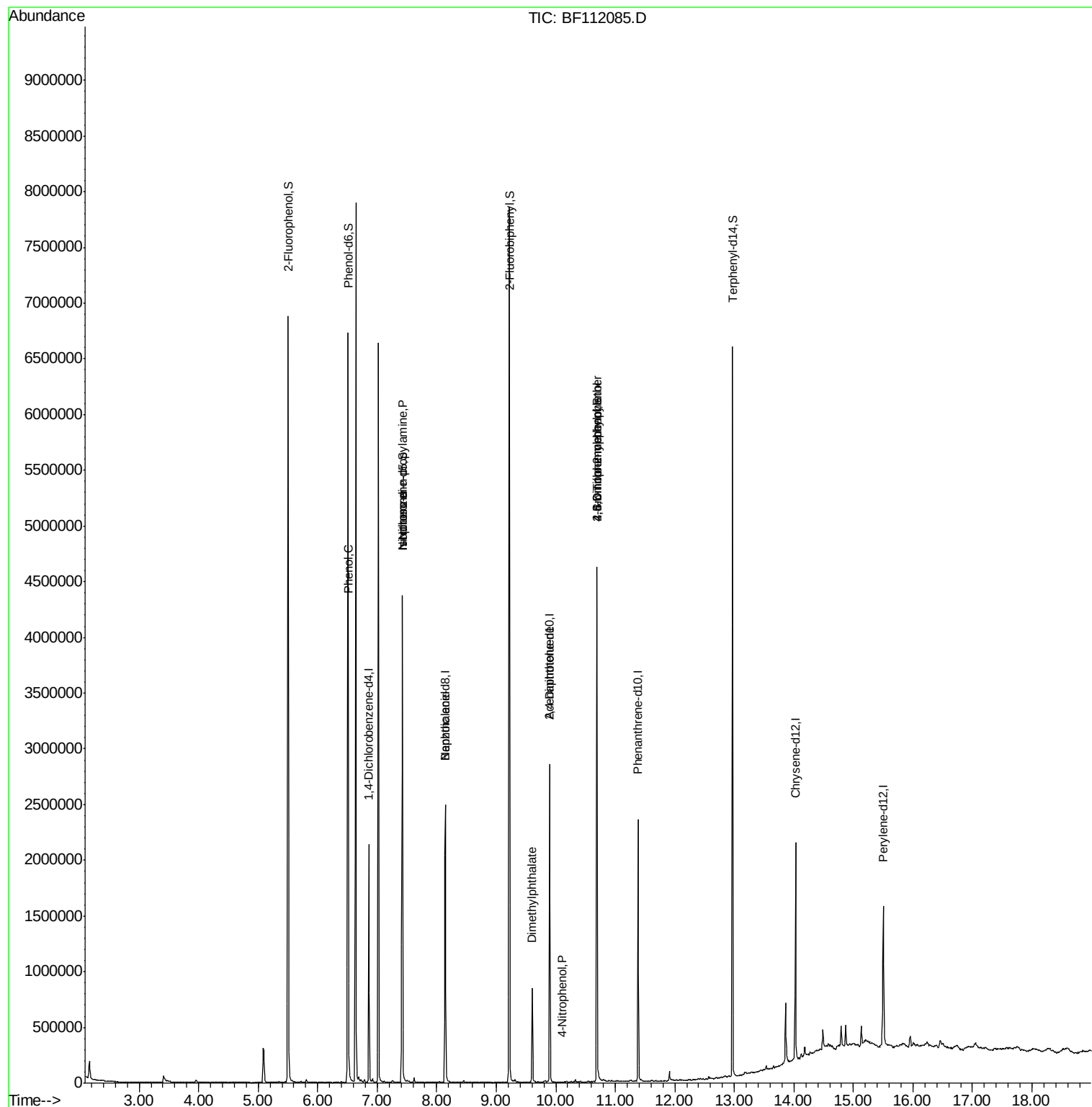
Target Compounds				Qvalue		
9) Benzaldehyde	6.51	77	5995	Below Cal	#	1
10) Phenol	6.52	94	154938	6.716 ng	#	70
19) n-Nitroso-di-n-propylamine	7.42	70	213257	16.583 ng	#	78
25) Isophorone	7.42	82	1562227	50.073 ng	#	64
32) Benzoic acid	8.15	122	260	7.211 ng	#	1
50) Dimethylphthalate	9.61	163	365205	9.802 ng		97
56) 4-Nitrophenol	10.10	139	112	5.672 ng	#	12
57) 2,4-Dinitrotoluene	9.90	165	65299	10.766 ng	#	32
65) 4,6-Dinitro-2-methylphenol	10.69	198	1405	10.394 ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	36521	3.829 ng	#	1

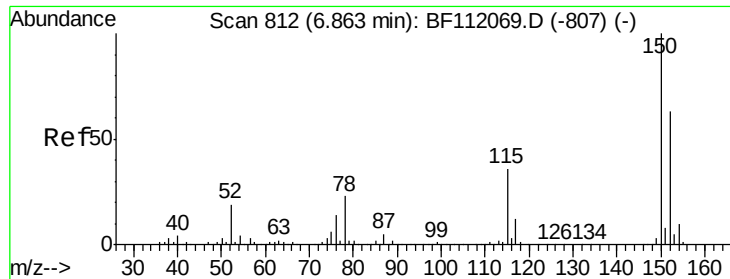
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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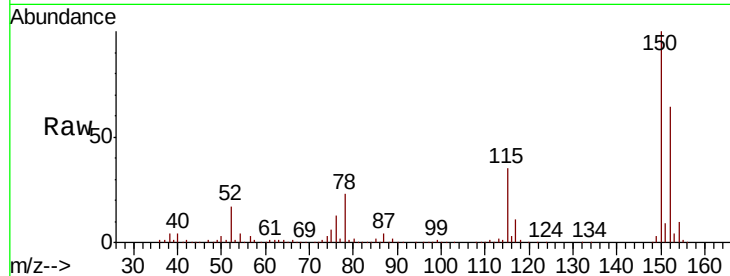


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	54.9	45.5	68.3

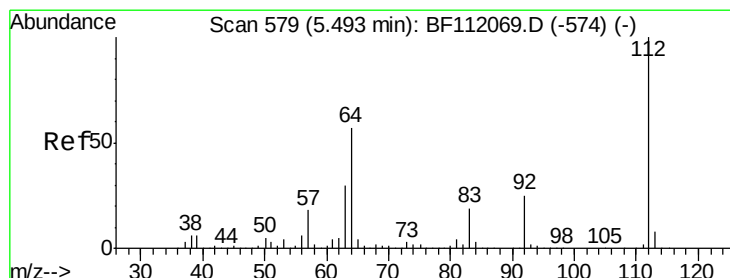
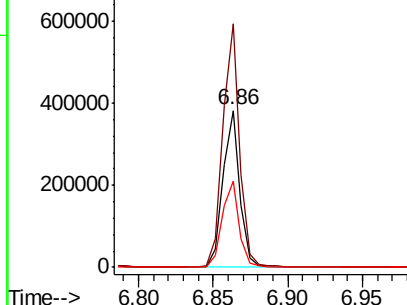
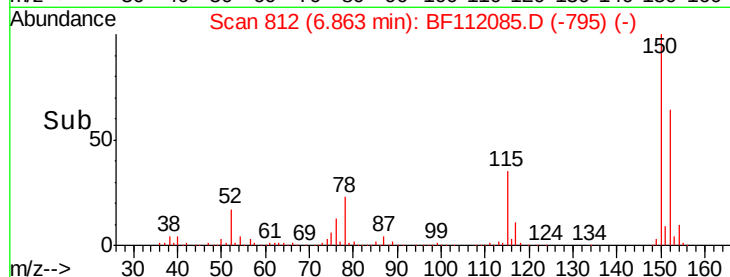


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

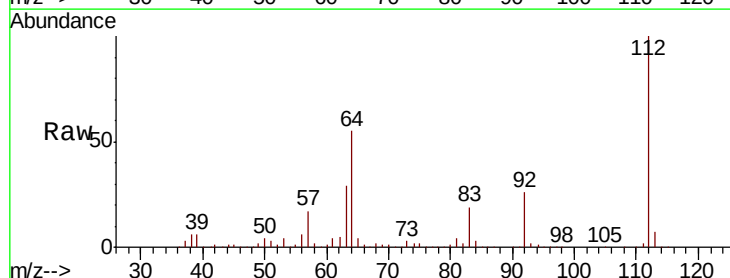
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.499 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.7	68.5
63	29.1	23.6	35.4

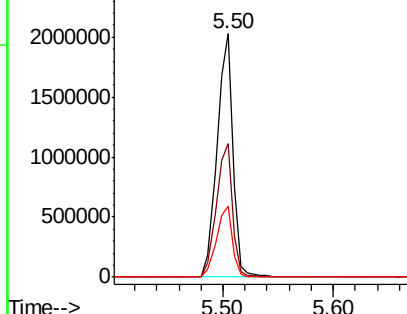
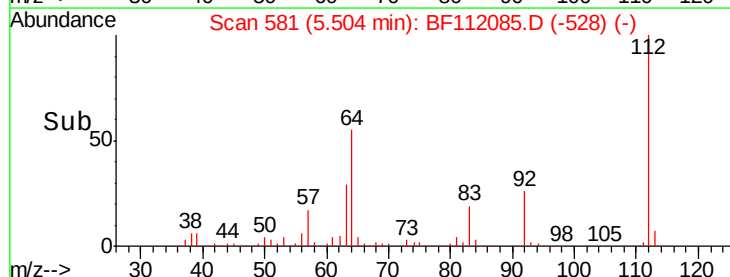


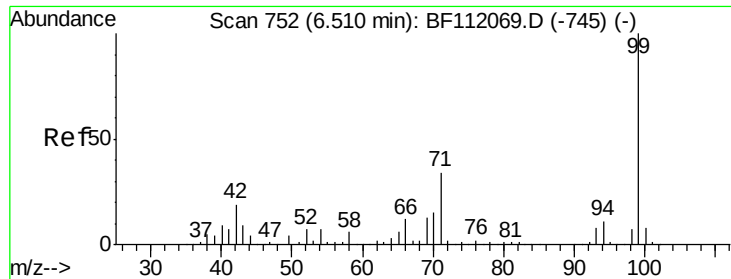
Abundance

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: 120.847 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112085.D

Acq: 17 Jan 2019 13:23

Instrument :

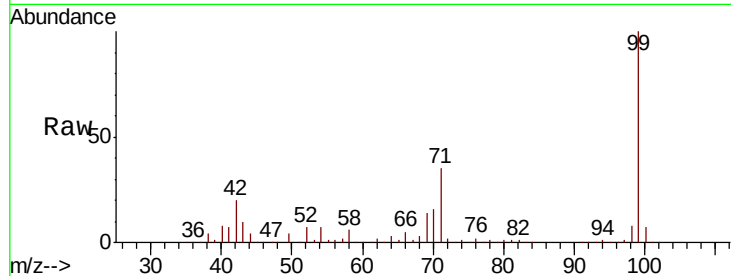
BNA_F

ClientSampleId :

JDHS-SOUTH-1

Tot Ion: 99 Resp: 2551038

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.1	22.7
71	35.5	26.9	40.3

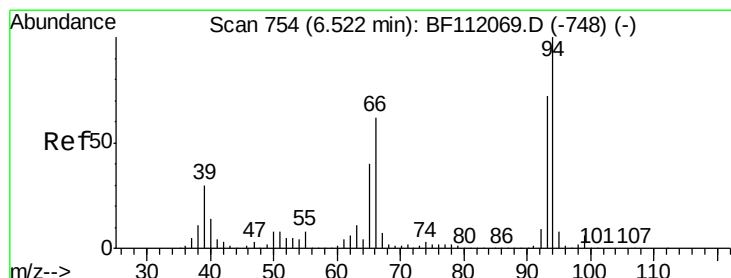
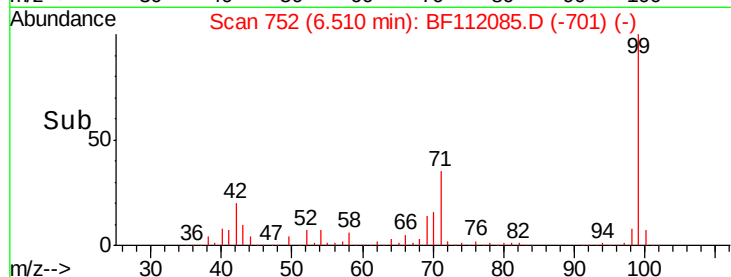
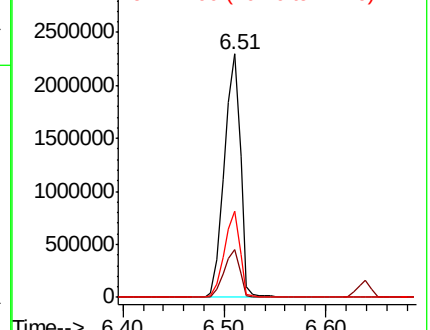


Abundance

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



#10

Phenol

Concen: 6.716 ng

RT: 6.52 min Scan# 754

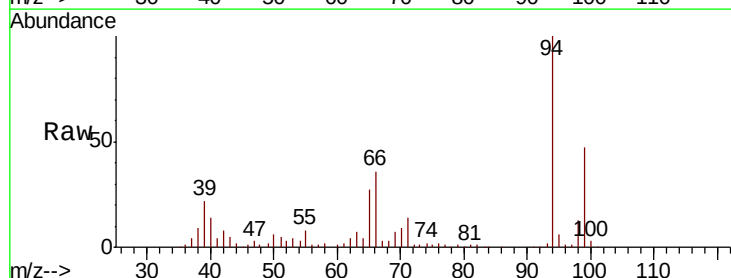
Delta R.T. -0.00 min

Lab File: BF112085.D

Acq: 17 Jan 2019 13:23

Tgt Ion: 94 Resp: 154938

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.3	60.3
66	35.7	42.4	82.4#

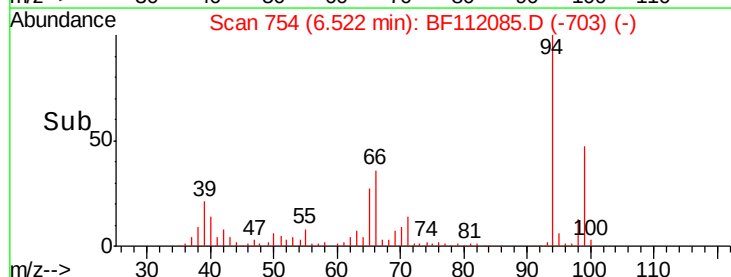
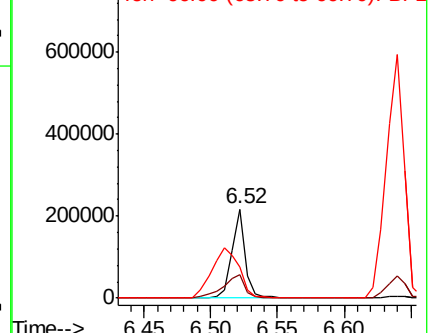


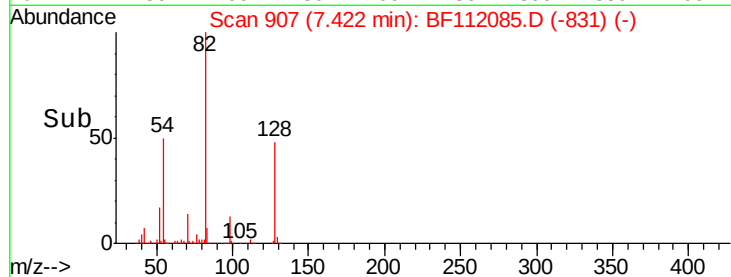
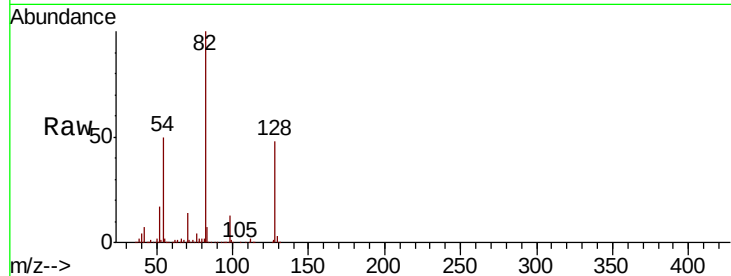
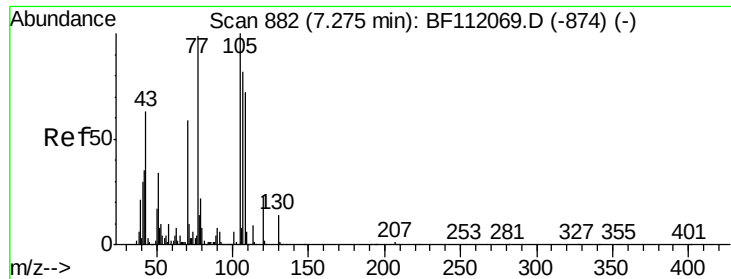
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

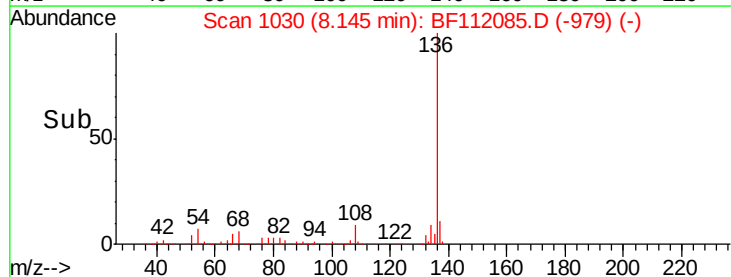
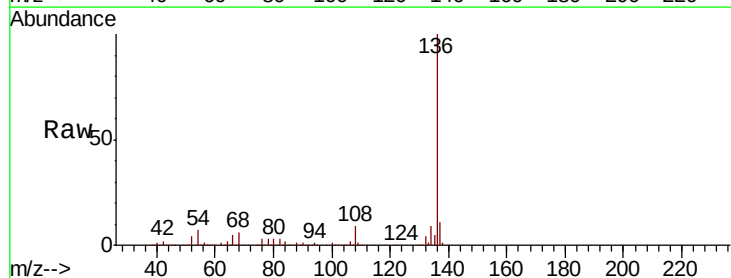
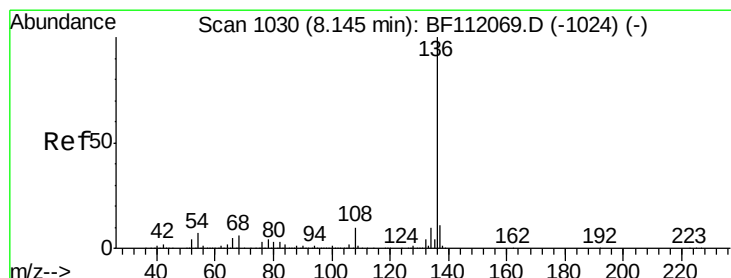
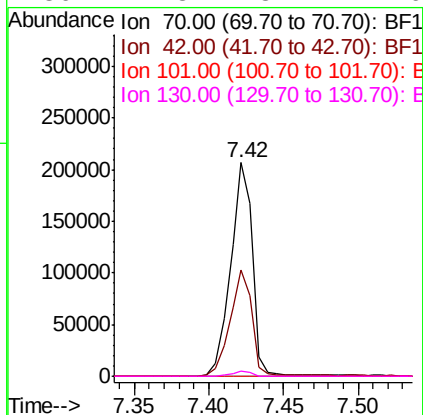




#19
n-Nitroso-di-n-propylamine
Concen: 16.583 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

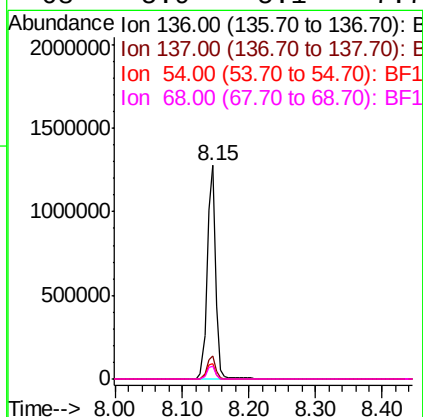
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1

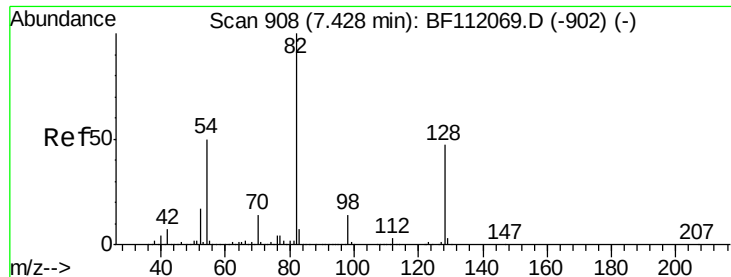
Tot Ion: 70 Resp: 213257
Ion Ratio Lower Upper
70 100
42 50.0 47.6 71.4
101 0.0 7.9 11.9#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Tgt Ion:136 Resp: 1115961
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.9 5.9 8.9
68 5.9 5.1 7.7

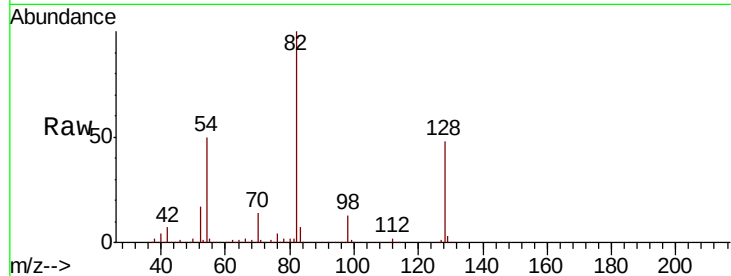




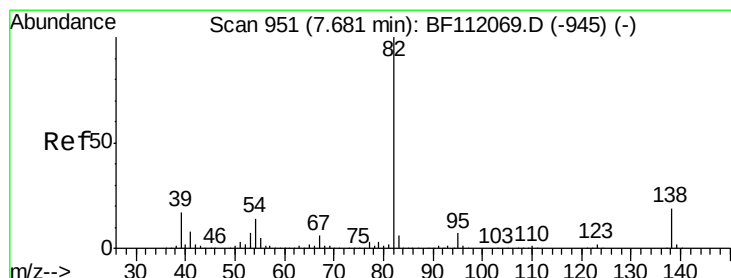
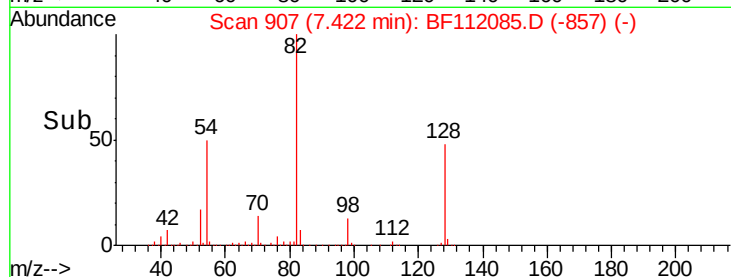
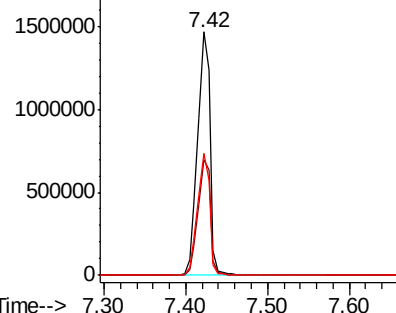
#23
Nitrobenzene-d5
Concen: 96.718 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1

Tot Ion: 82 Resp: 1562241
Ion Ratio Lower Upper
82 100
128 47.7 37.8 56.8
54 50.0 39.7 59.5

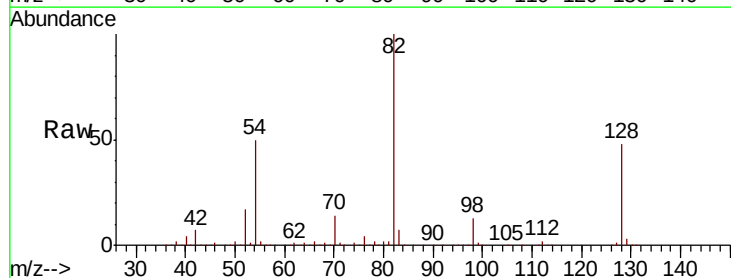


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

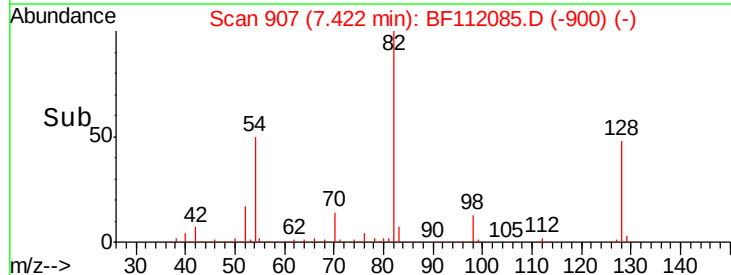
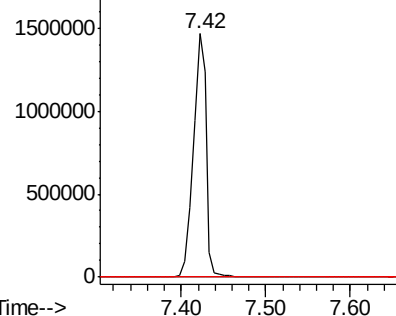


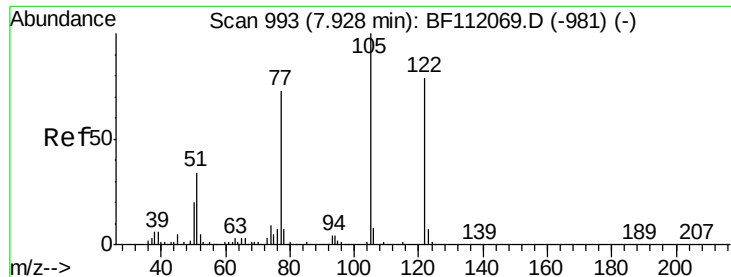
#25
Isophorone
Concen: 50.073 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Tgt Ion: 82 Resp: 1562227
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 7.211 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.22 min

Lab File: BF112085.D

Acq: 17 Jan 2019 13:23

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1

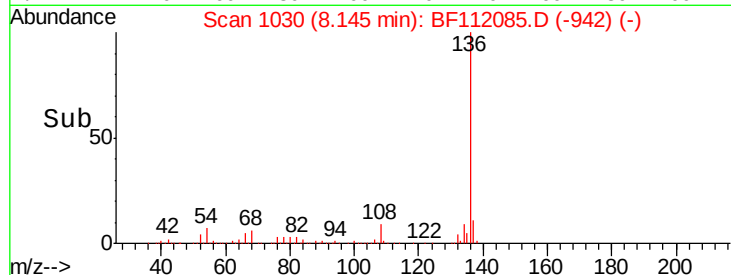
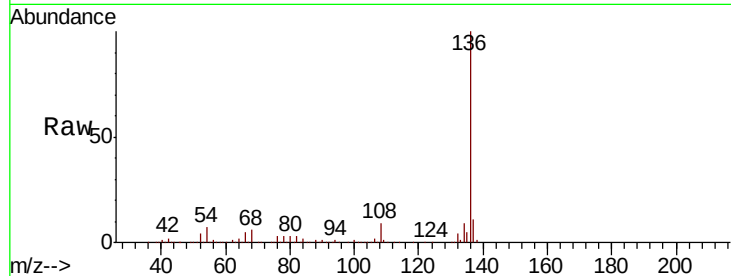
Tot Ion:122 Resp: 260

Ion Ratio Lower Upper

122 100

105 325.5 101.2 141.2#

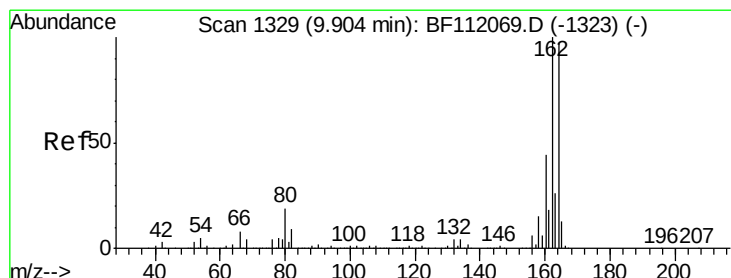
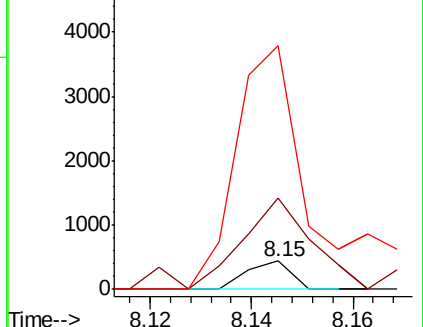
77 868.8 70.4 110.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112085.D

Acq: 17 Jan 2019 13:23

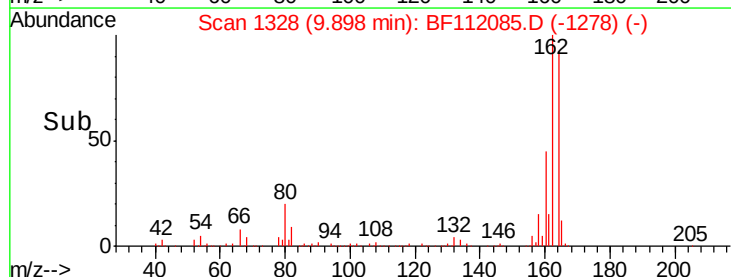
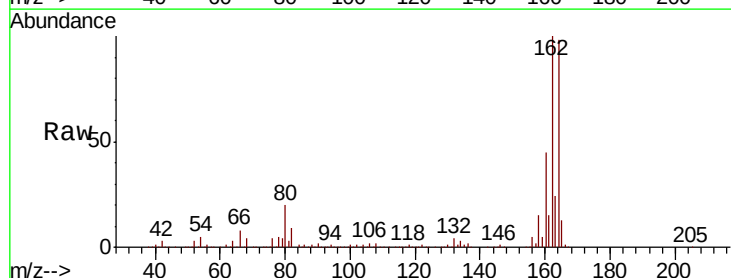
Tgt Ion:164 Resp: 510885

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.4

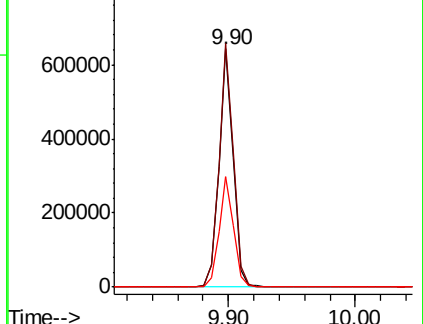
160 46.2 36.2 54.4

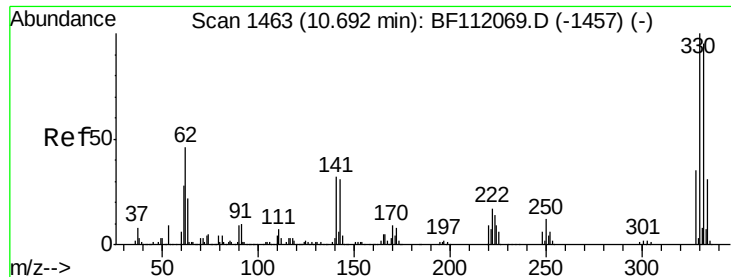


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

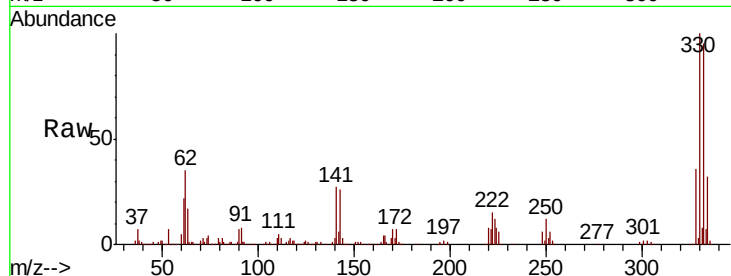




#42
 2,4,6-Tribromophenol
 Concen: 116.989 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF112085.D
 Acq: 17 Jan 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	29.6	24.3	36.5

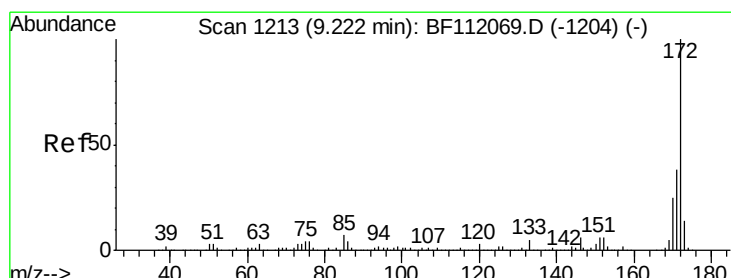
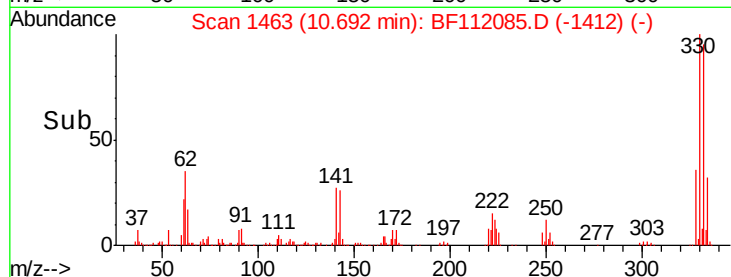
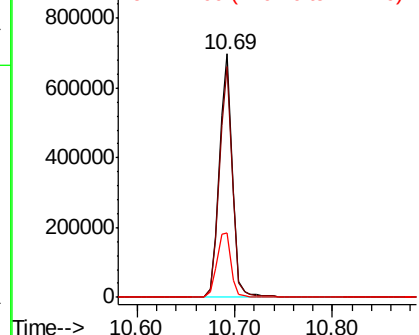


Abundance

Ion 329.80 (329.50 to 330.50): E

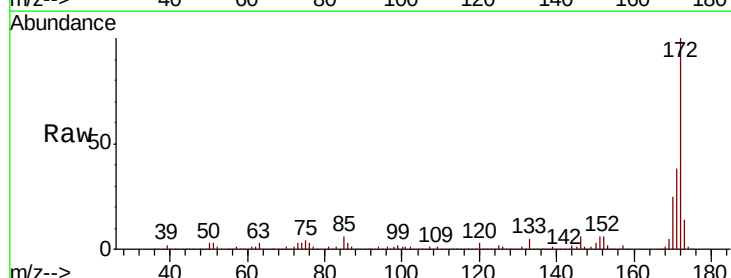
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.317 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112085.D
 Acq: 17 Jan 2019 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	25.3	20.2	30.4

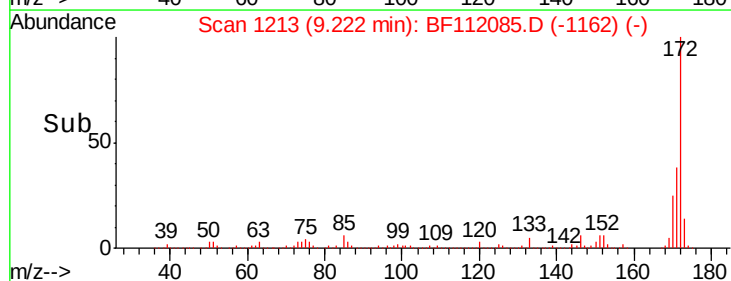
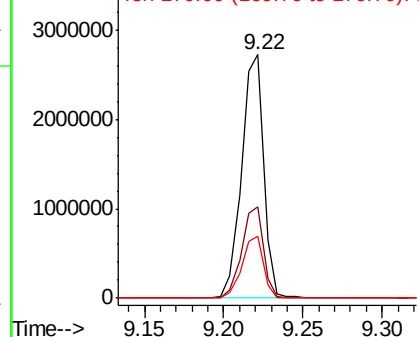


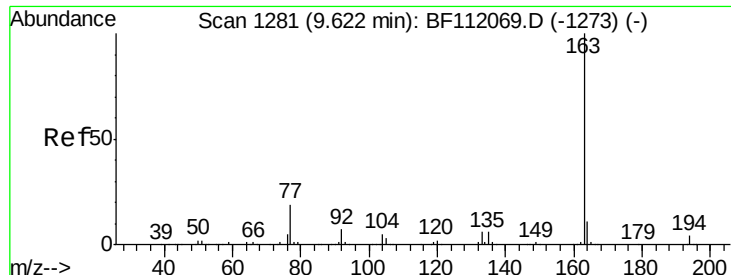
Abundance

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

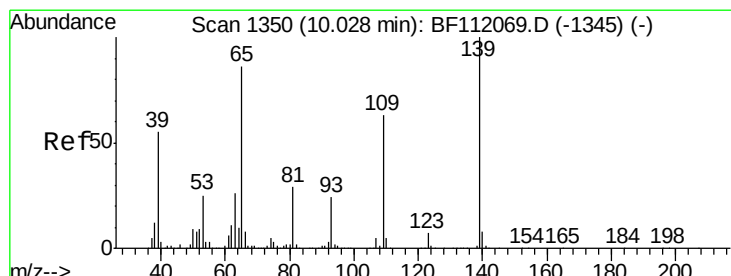
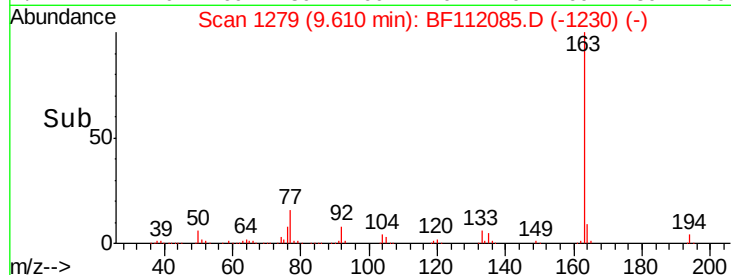
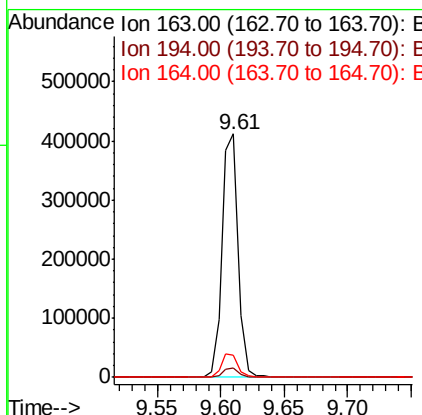
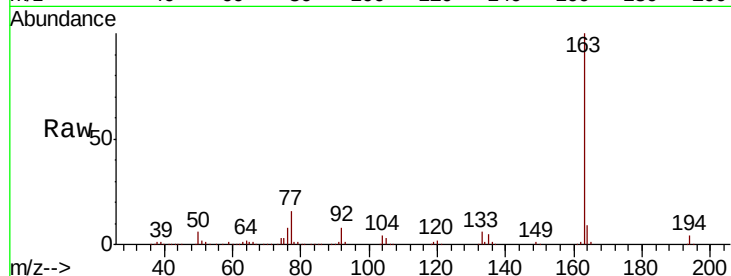




#50
Dimethylphthalate
Concen: 9.802 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

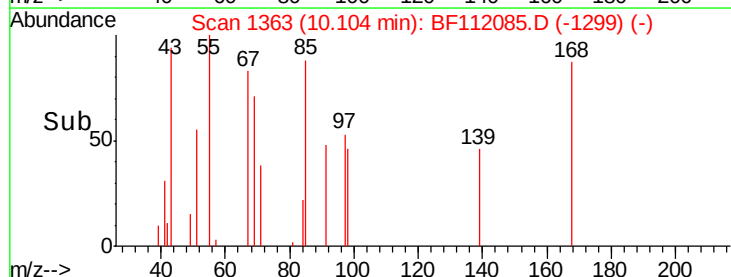
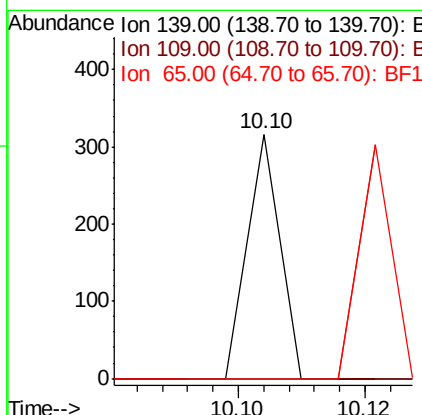
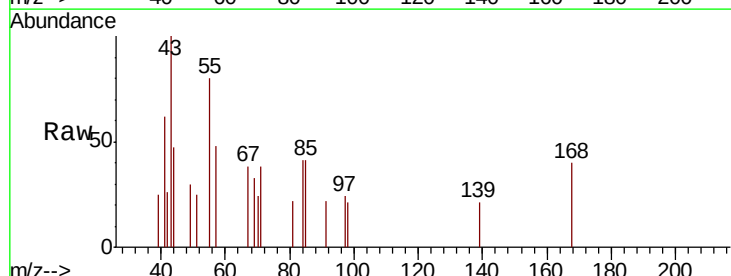
Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1

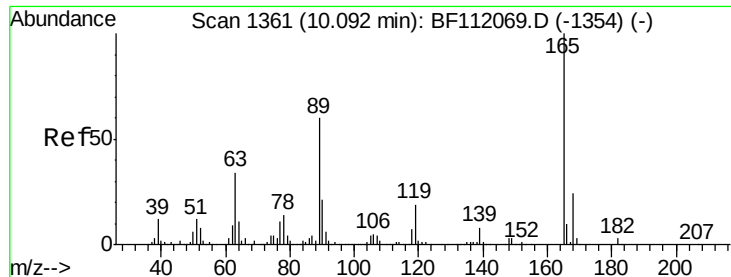
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.4	8.5	12.7



#56
4-Nitrophenol
Concen: 5.672 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

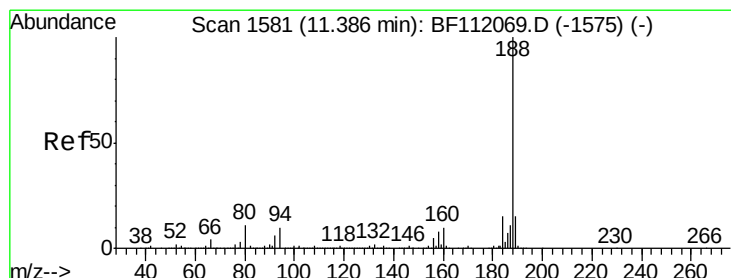
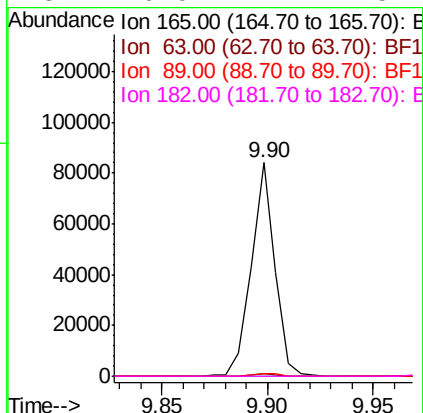
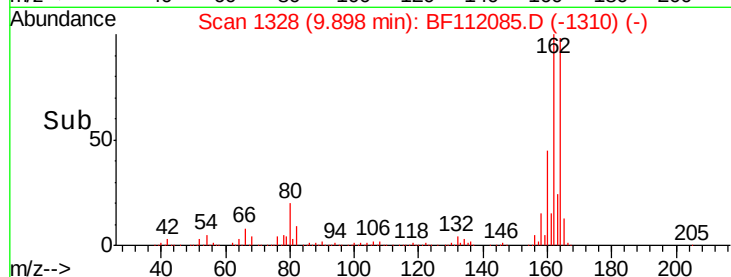
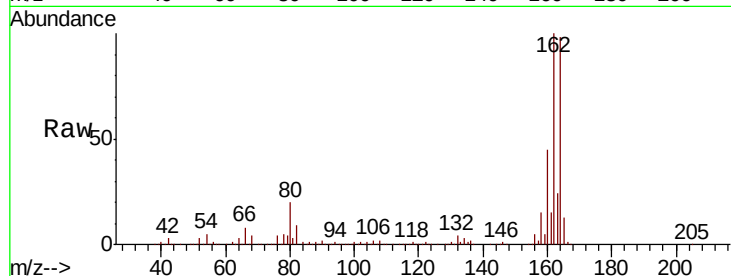




#57
 2,4-Dinitrotoluene
 Concen: 10.766 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF112085.D
 Acq: 17 Jan 2019 13:23

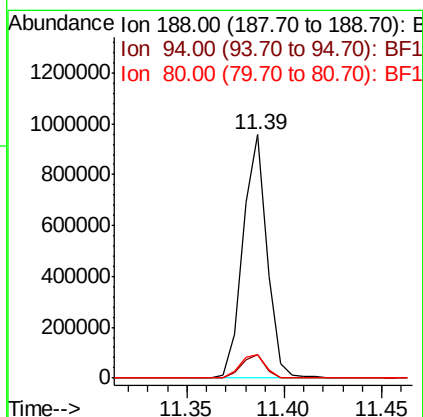
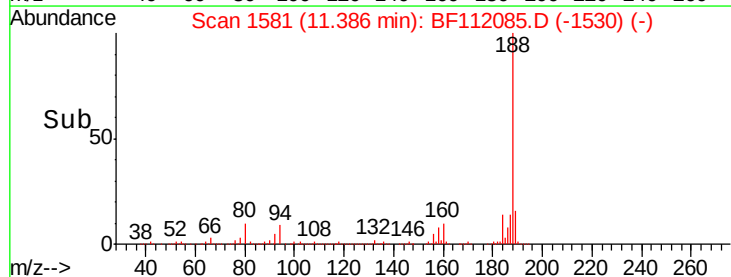
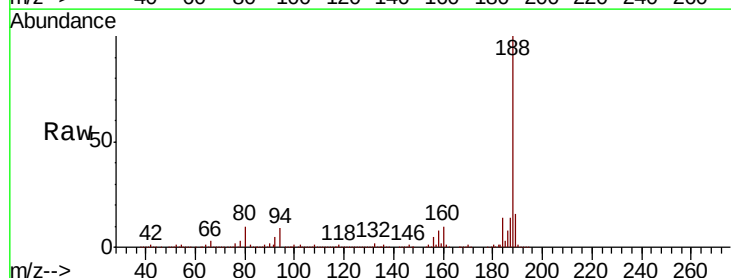
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1

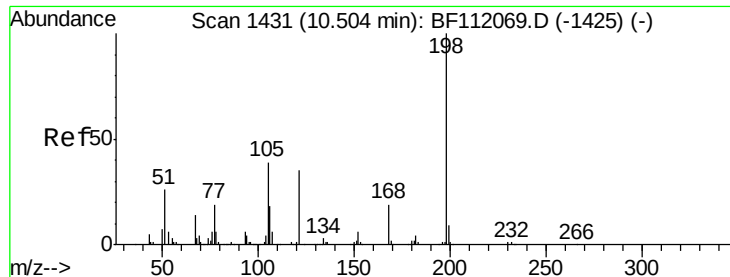
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF112085.D
 Acq: 17 Jan 2019 13:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.7	8.9	13.3

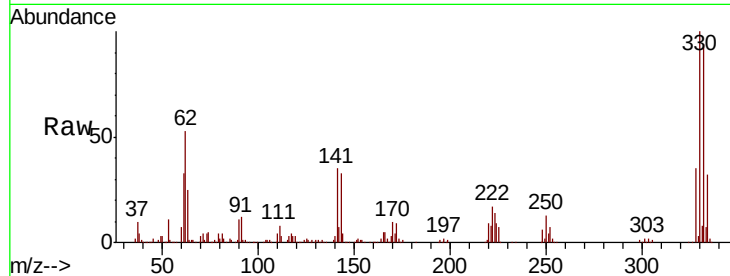




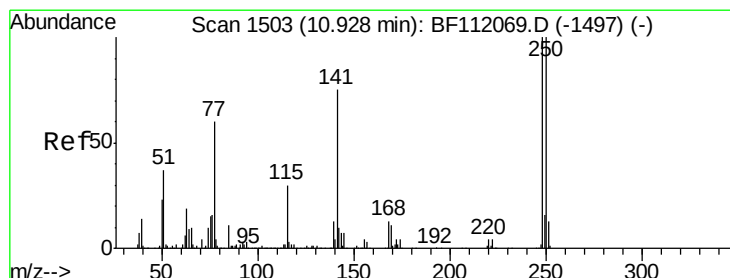
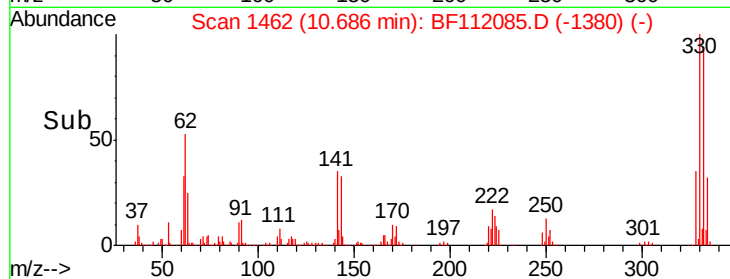
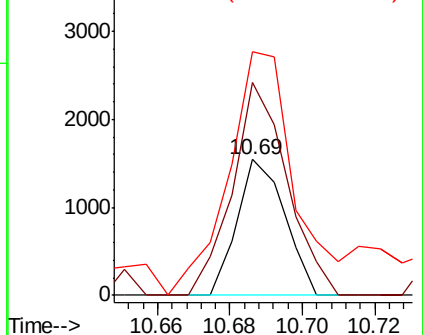
#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.394 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.18 min
 Lab File: BF112085.D
 Acq: 17 Jan 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1

Tot Ion:198 Resp: 1405
 Ion Ratio Lower Upper
 198 100
 51 156.6 17.2 57.2#
 105 179.3 21.9 61.9#

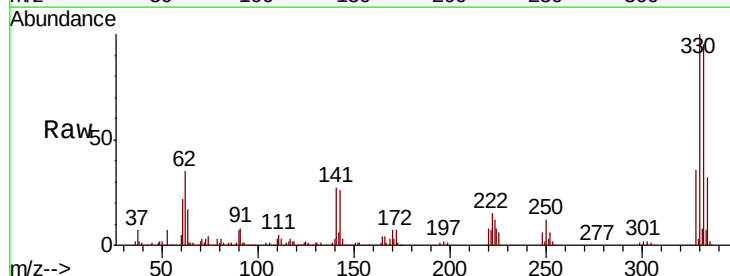


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

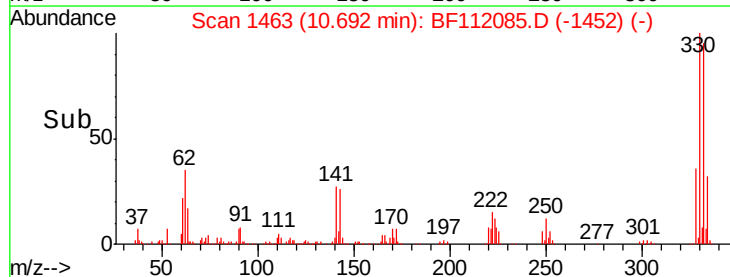
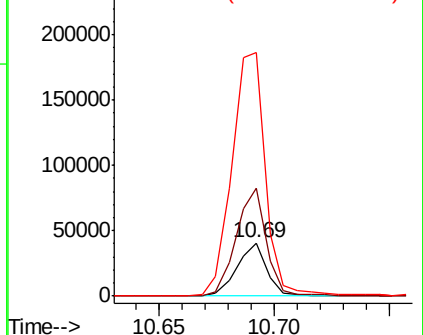


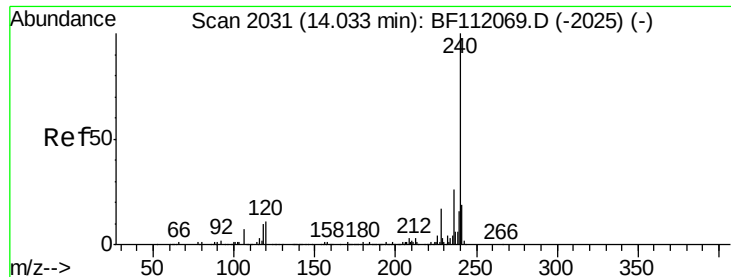
#67
 4-Bromophenyl-phenylether
 Concen: 3.829 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF112085.D
 Acq: 17 Jan 2019 13:23

Tgt Ion:248 Resp: 36521
 Ion Ratio Lower Upper
 248 100
 250 203.0 79.7 119.5#
 141 459.6 60.3 90.5#



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112085.D

Acq: 17 Jan 2019 13:23

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1

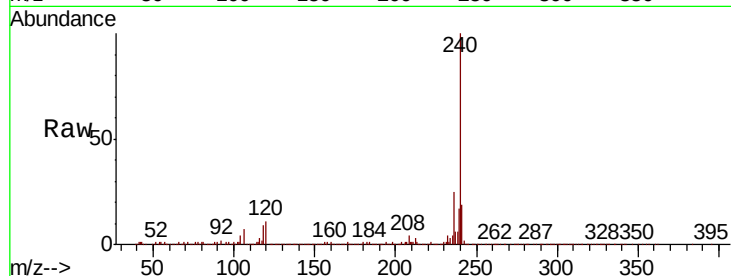
Tot Ion:240 Resp: 678768

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

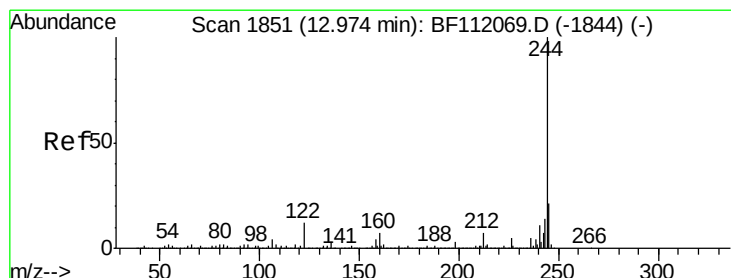
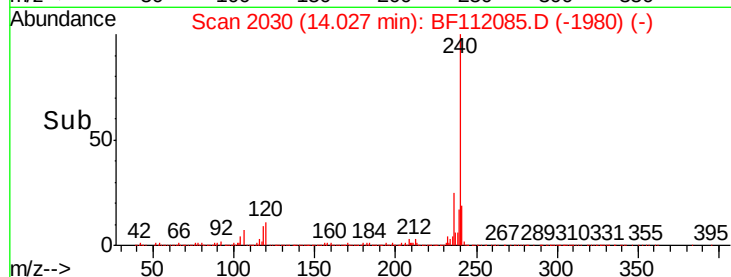
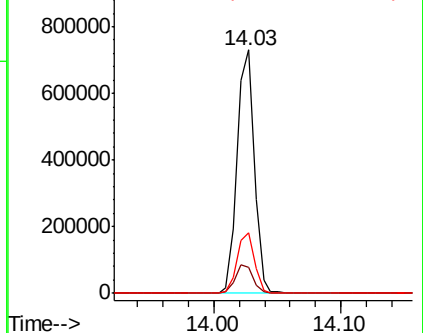
236 25.1 20.7 31.1



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: 69.007 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112085.D

Acq: 17 Jan 2019 13:23

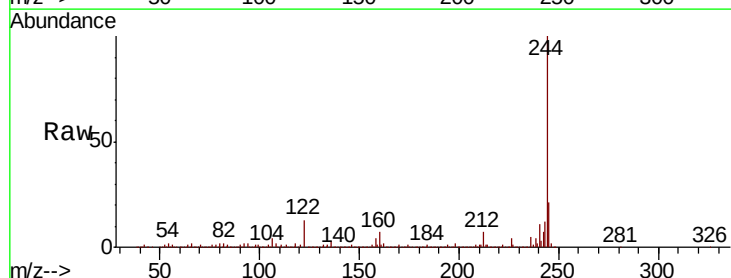
Tgt Ion:244 Resp: 2201762

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

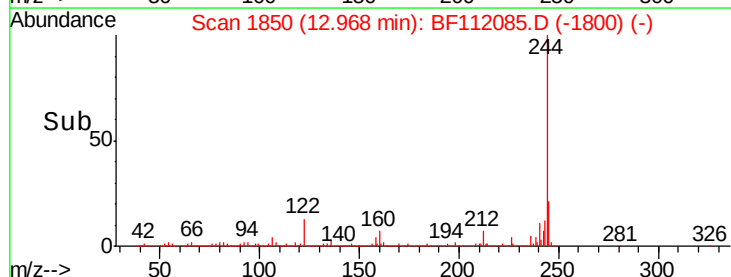
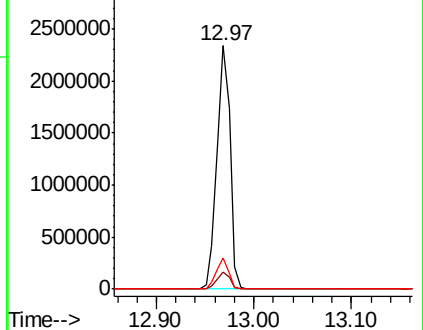
122 12.9 9.8 14.6

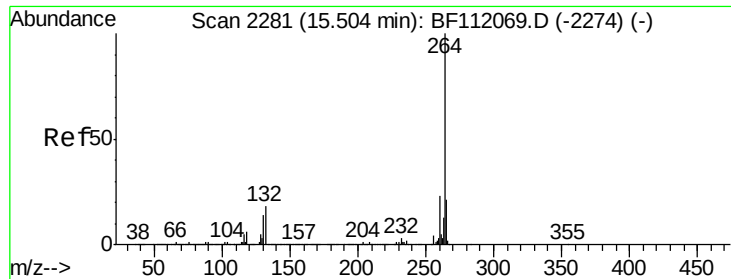


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112085.D
Acq: 17 Jan 2019 13:23

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.5	17.0	25.4

