

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081573.D
 Acq On : 10 Sep 2015 18:29
 Operator : UM/IZ
 Sample : G3507-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

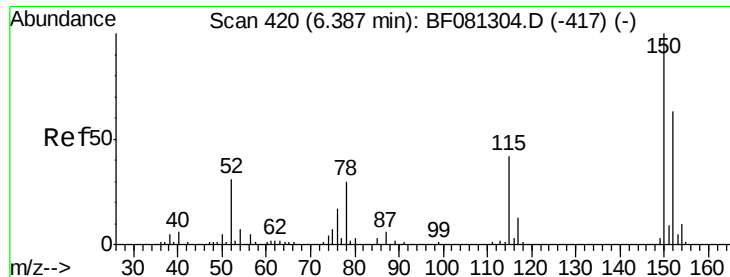
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS083115

Quant Time: Sep 11 12:57:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	50189	20.00	ng	0.08
21) Naphthalene-d8	11.18	136	208068	20.00	ng	0.01
38) Acenaphthene-d10	15.29	164	101552	20.00	ng	-0.01
63) Phenanthrene-d10	18.80	188	201703	20.00	ng	-0.01
75) Chrysene-d12	23.41	240	132778	20.00	ng	-0.01
86) Perylene-d12	24.85	264	96036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	64203	19.85	ng	0.08
7) Phenol-d6	8.22	99	104602m	24.43	ng	0.53
23) Nitrobenzene-d5	9.60	82	399257	92.58	ng	0.03
41) 2,4,6-Tribromophenol	17.20	330	86108	95.23	ng	-0.01
44) 2-Fluorobiphenyl	13.82	172	692342	87.37	ng	0.00
78) Terphenyl-d14	22.15	244	641328	112.44	ng	0.00
Target Compounds						
3) Pyridine	2.22	79	40246	10.05	ng	Qvalue # 79
6) Aniline	7.95	93	30686381m	5075.03	ng	
8) 2-Chlorophenol	8.02	128	123410	34.62	ng	87
12) 1,3-Dichlorobenzene	8.21	146	60746	15.95	ng	# 86
13) 1,4-Dichlorobenzene	8.38	146	332038	85.62	ng	# 90
14) 1,2-Dichlorobenzene	8.71	146	1896571	543.19	ng	# 90
20) 3+4-Methylphenols	9.82	107	69881m	18.22	ng	
24) Nitrobenzene	9.67	77	900983	201.18	ng	# 64
30) 1,2,4-Trichlorobenzene	11.09	180	12824	4.04	ng	95
49) Dimethylphthalate	14.87	163	69954	8.87	ng	# 97

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

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Sample    : G3507-01  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.34 min Scan# 613

Delta R.T. 0.08 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115

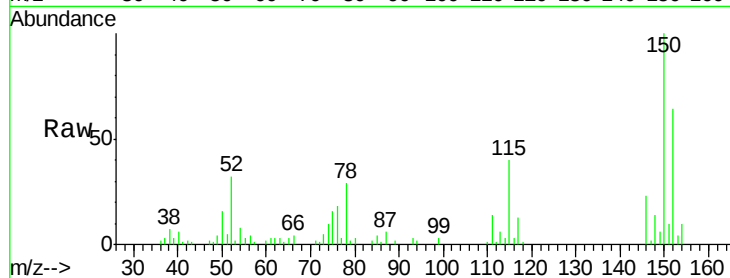
Tgt Ion:152 Resp: 50189

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

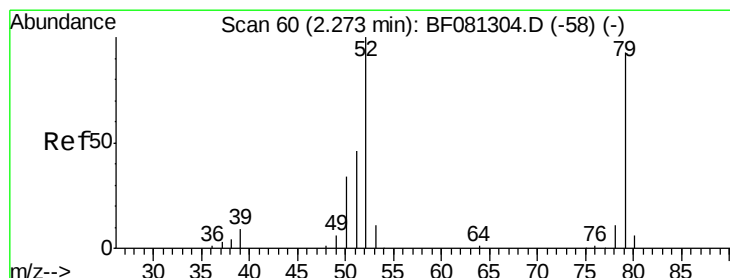
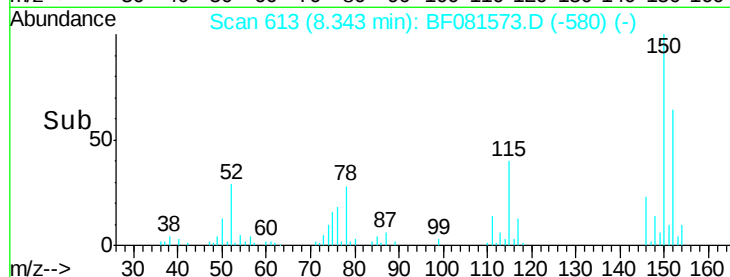
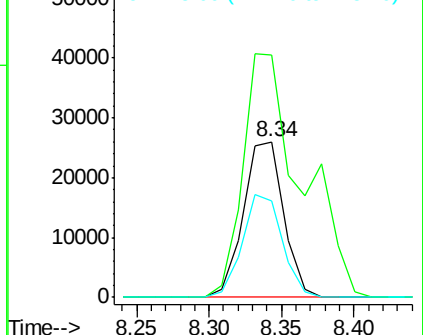
115 62.3 39.0 58.4#



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



#3

Pyridine

Concen: 10.05 ng

RT: 2.22 min Scan# 77

Delta R.T. 0.05 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

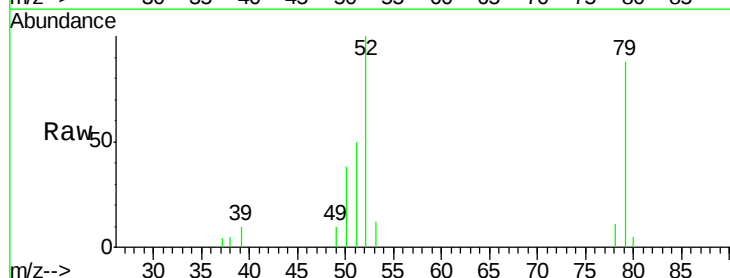
Tgt Ion: 79 Resp: 40246

Ion Ratio Lower Upper

79 100

52 113.7 76.8 115.2

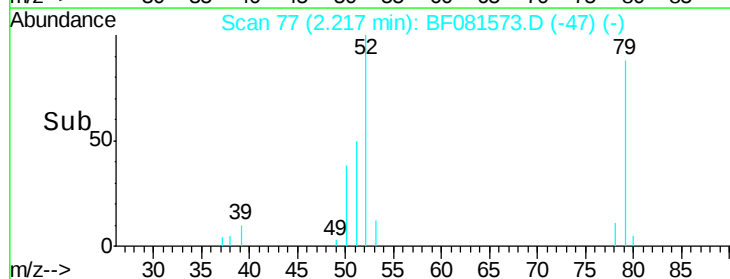
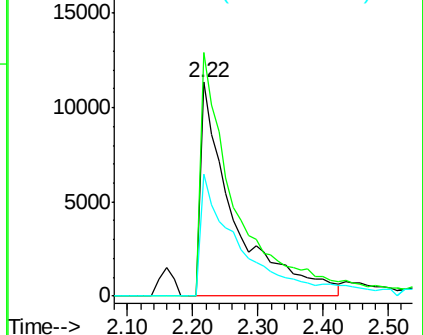
51 57.2 32.2 48.4#

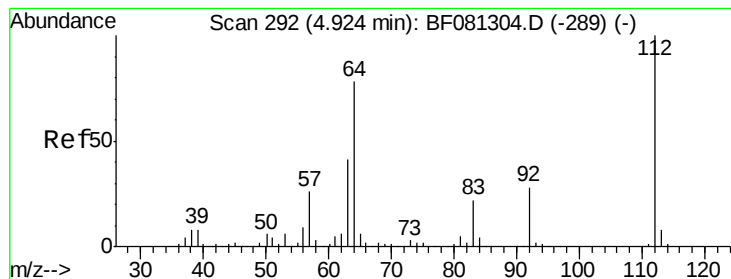


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 19.85 ng

RT: 5.50 min Scan# 364

Delta R.T. 0.08 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

Instrument :

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ClientSampleId :

SYSDIS083115

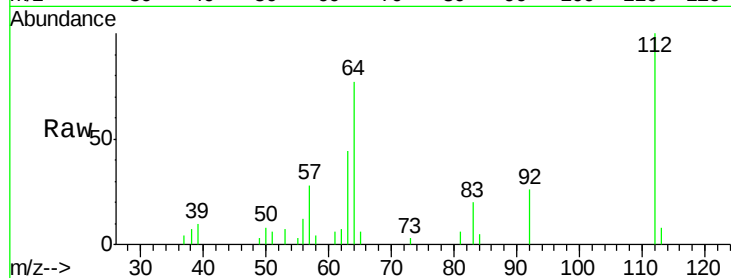
Tgt Ion: 112 Resp: 64203

Ion Ratio Lower Upper

112 100

64 76.8 39.7 59.5#

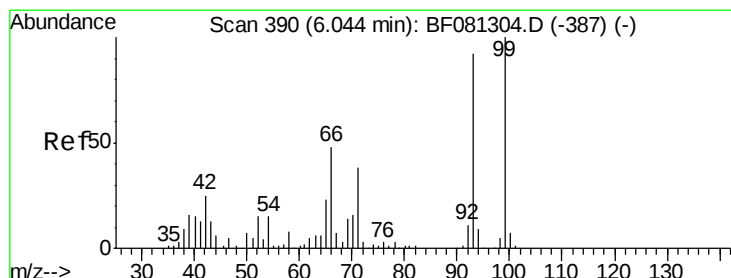
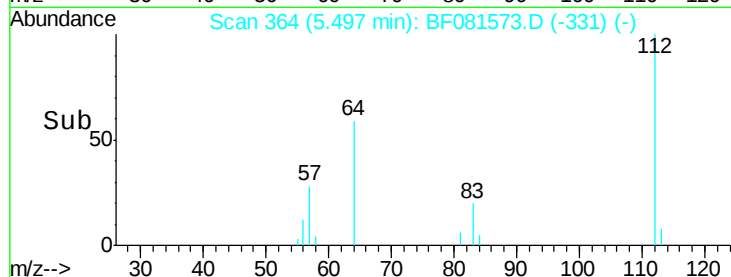
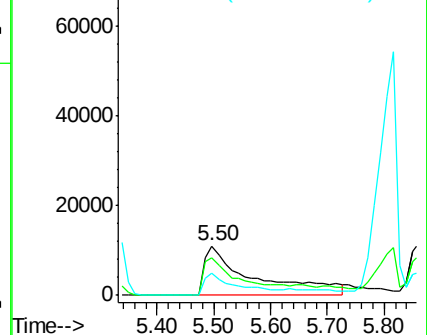
63 44.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5075.03 ng m

RT: 7.95 min Scan# 579

Delta R.T. 0.38 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

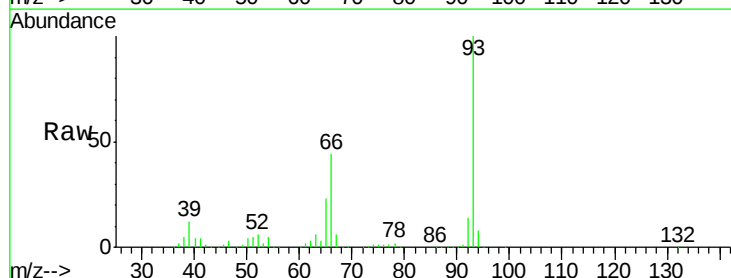
Tgt Ion: 93 Resp: 30686381

Ion Ratio Lower Upper

93 100

66 43.8 27.2 40.8#

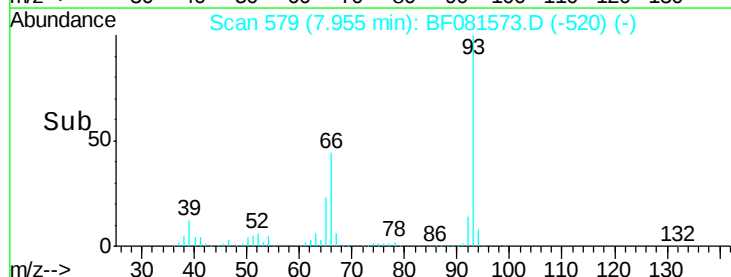
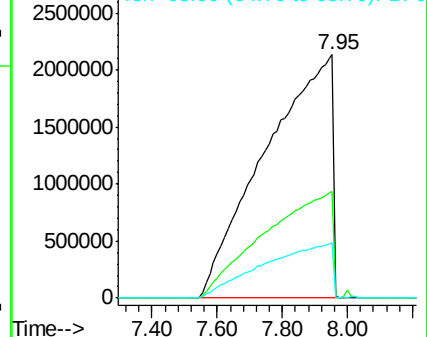
65 22.6 14.7 22.1#

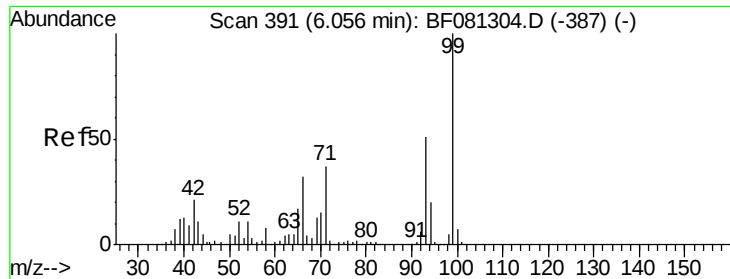


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 24.43 ng m

RT: 8.22 min Scan# 602

Delta R.T. 0.53 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115

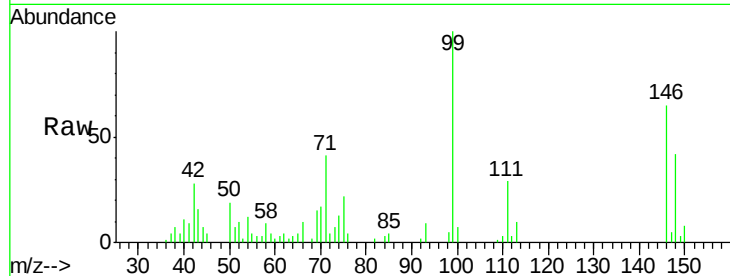
Tgt Ion: 99 Resp: 104602

Ion Ratio Lower Upper

99 100

42 28.2 13.7 20.5#

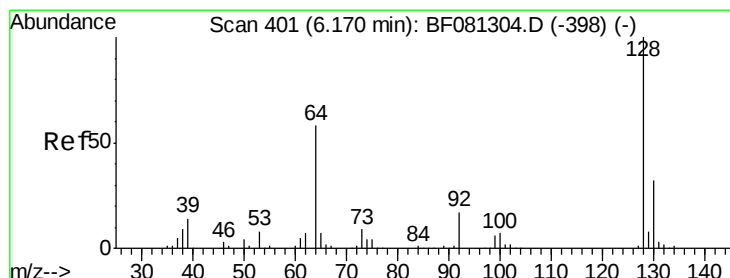
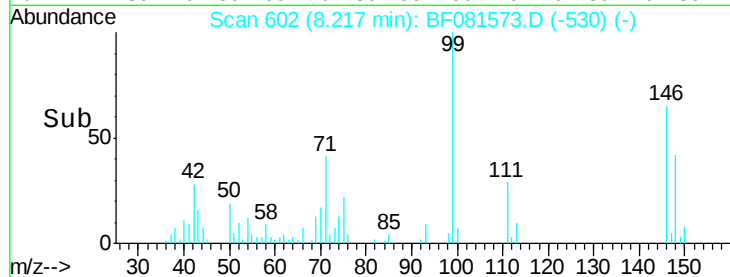
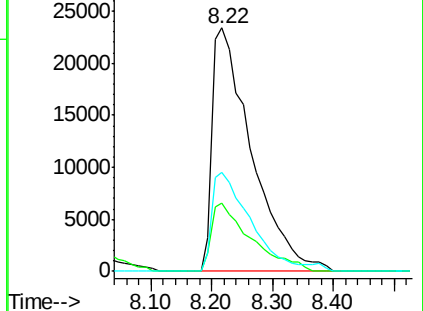
71 40.9 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.62 ng

RT: 8.02 min Scan# 585

Delta R.T. 0.21 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

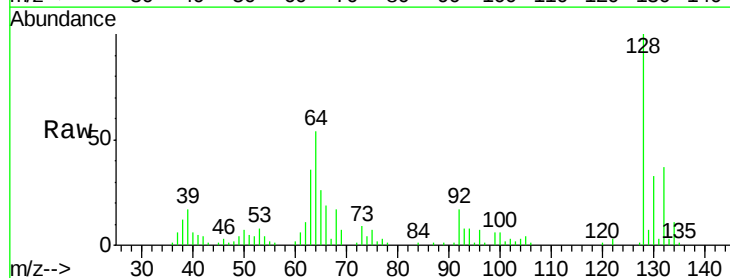
Tgt Ion: 128 Resp: 123410

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

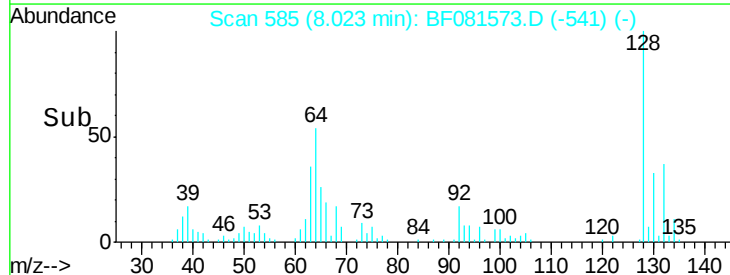
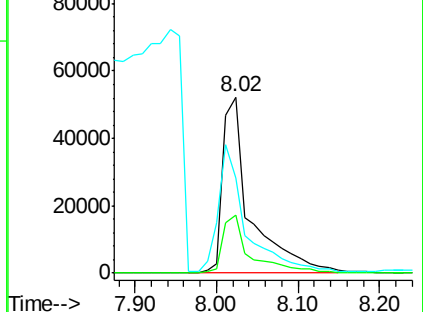
64 53.9 20.5 60.5

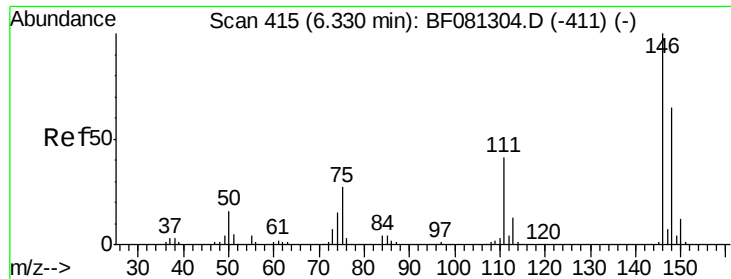


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

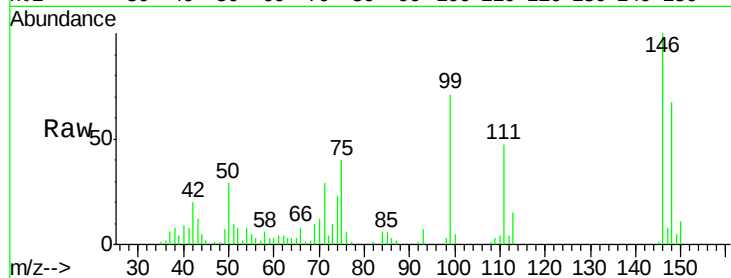




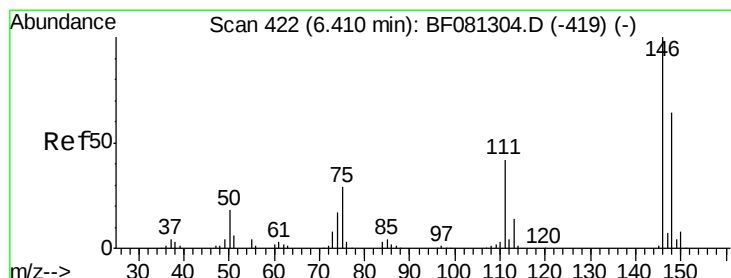
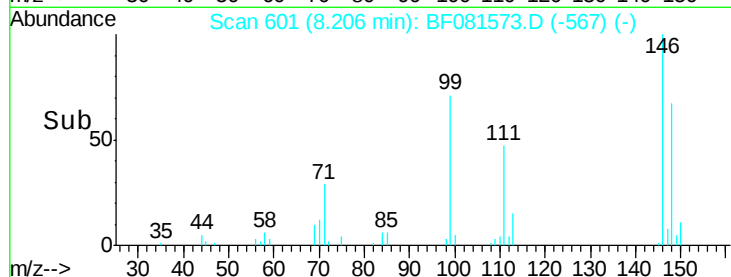
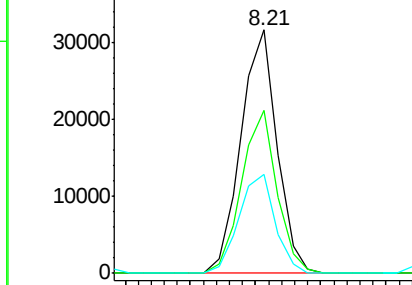
#12
 1,3-Dichlorobenzene
 Concen: 15.95 ng
 RT: 8.21 min Scan# 601
 Delta R.T. 0.09 min
 Lab File: BF081573.D
 Acq: 10 Sep 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS083115

Tgt Ion:146 Resp: 60746
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.0 76.4
 75 40.5 15.0 22.6#

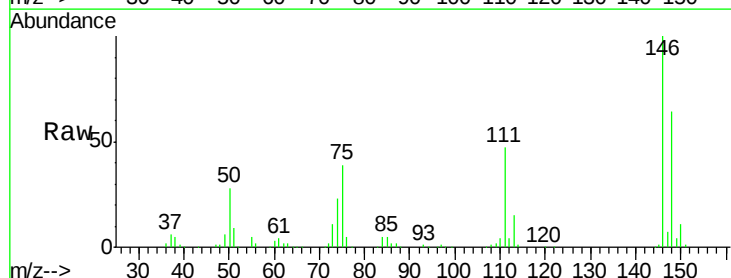


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

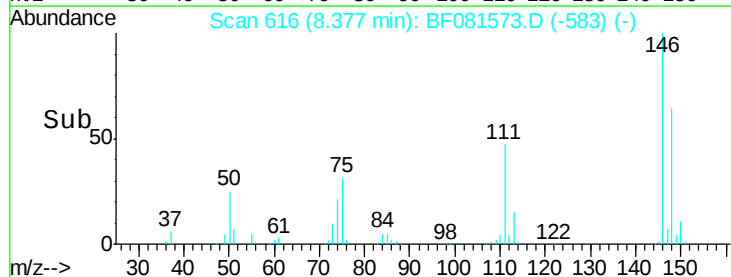
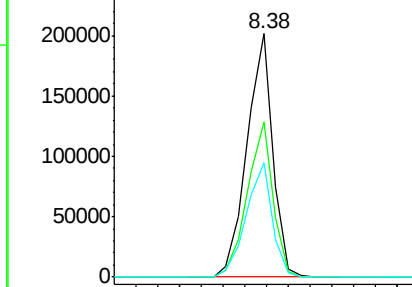


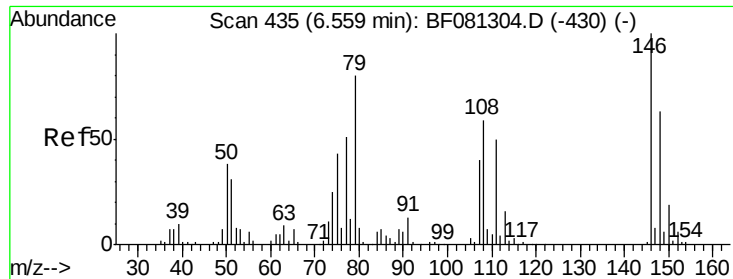
#13
 1,4-Dichlorobenzene
 Concen: 85.62 ng
 RT: 8.38 min Scan# 616
 Delta R.T. 0.08 min
 Lab File: BF081573.D
 Acq: 10 Sep 2015 18:29

Tgt Ion:146 Resp: 332038
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 47.1 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

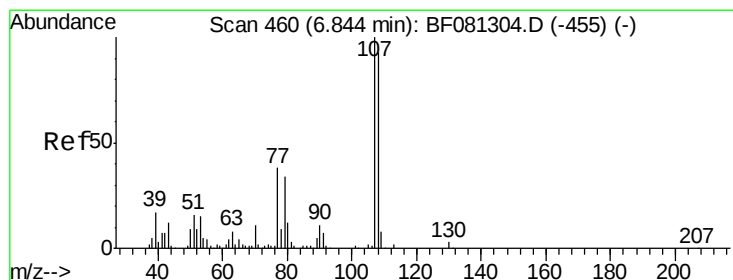
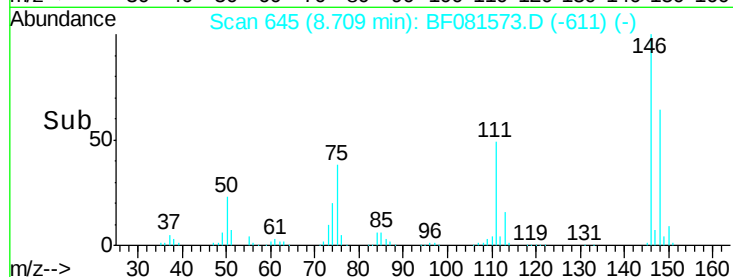
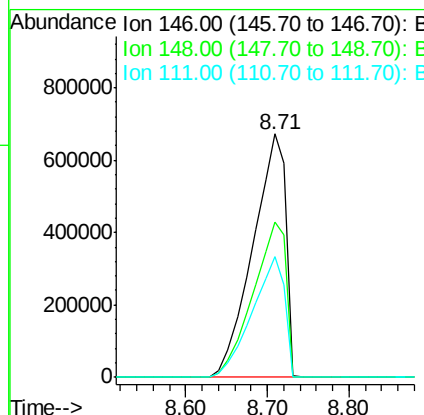
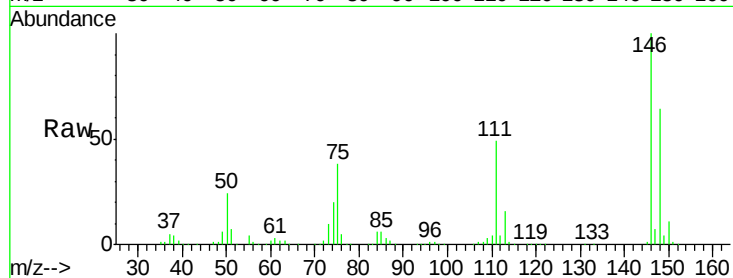




#14
 1,2-Dichlorobenzene
 Concen: 543.19 ng
 RT: 8.71 min Scan# 645
 Delta R.T. 0.09 min
 Lab File: BF081573.D
 Acq: 10 Sep 2015 18:29

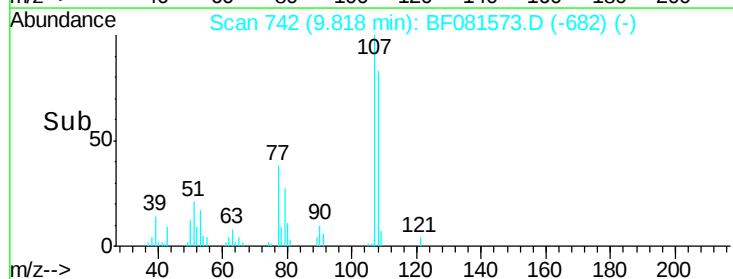
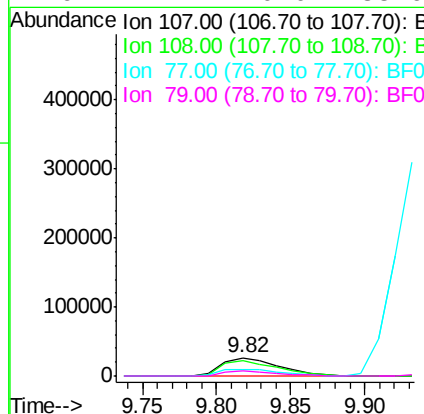
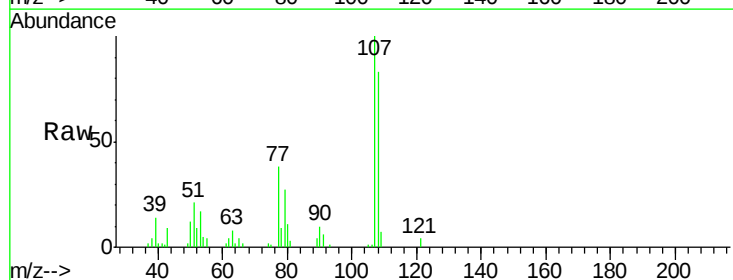
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS083115

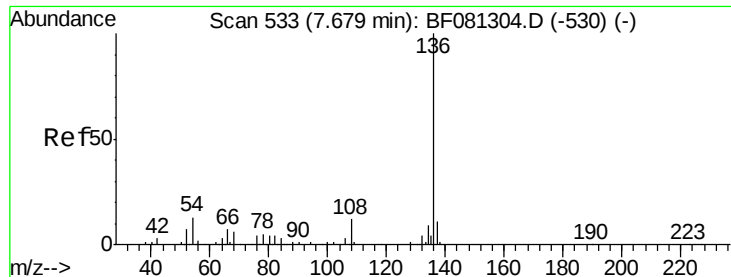
Tgt Ion:146 Resp: 1896571
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.7 79.1
 111 49.4 28.8 43.2#



#20
 3+4-Methylphenols
 Concen: 18.22 ng m
 RT: 9.82 min Scan# 742
 Delta R.T. 0.39 min
 Lab File: BF081573.D
 Acq: 10 Sep 2015 18:29

Tgt Ion:107 Resp: 69881
 Ion Ratio Lower Upper
 107 100
 108 82.8 74.6 114.6
 77 38.0 0.7 40.7
 79 27.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.18 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

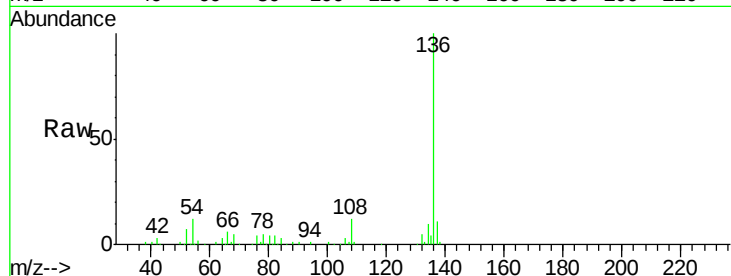
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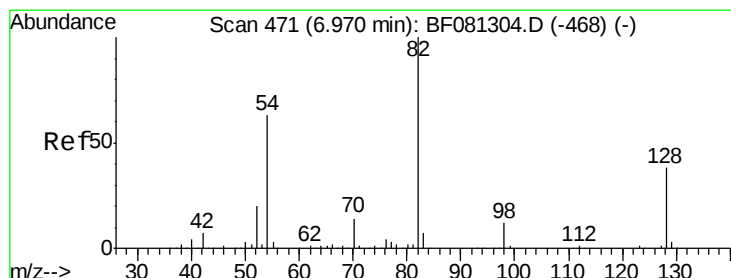
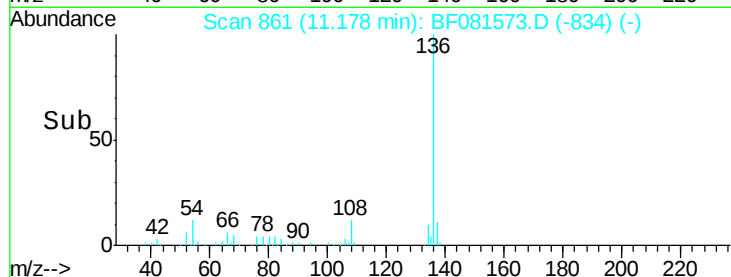
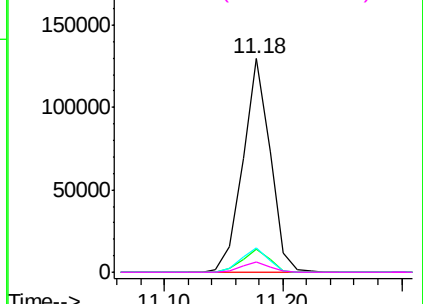
ClientSampleId :

SYSDIS083115

Tgt Ion:	136	Resp:	208068
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.6	8.2	12.2
68	5.0	5.8	8.6#



Abundance Ion 136.00 (135.70 to 136.70): E



#23

Nitrobenzene-d5

Concen: 92.58 ng

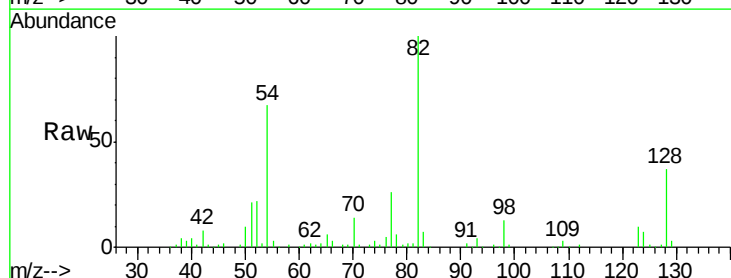
RT: 9.60 min Scan# 723

Delta R.T. 0.03 min

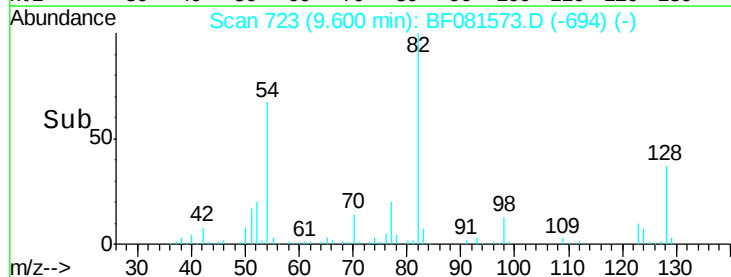
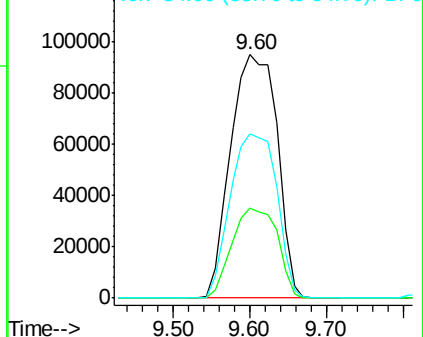
Lab File: BF081573.D

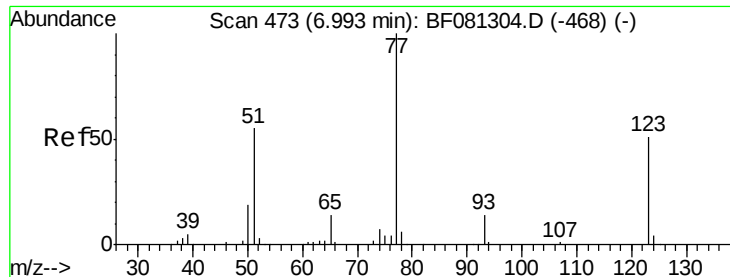
Acq: 10 Sep 2015 18:29

Tgt Ion:	82	Resp:	399257
Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	67.3	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

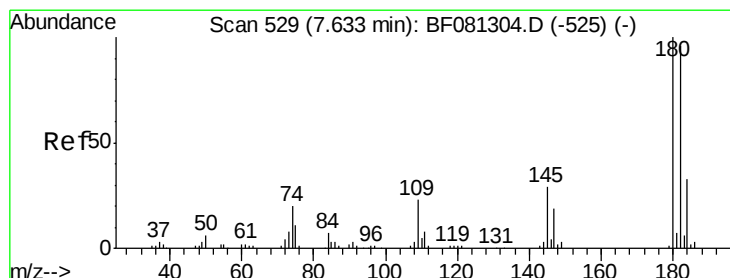
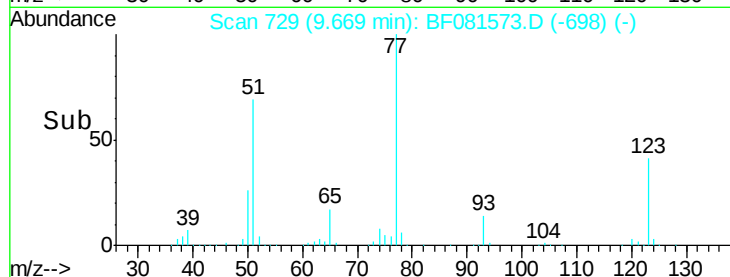
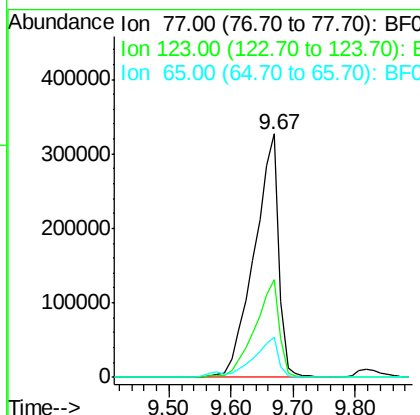
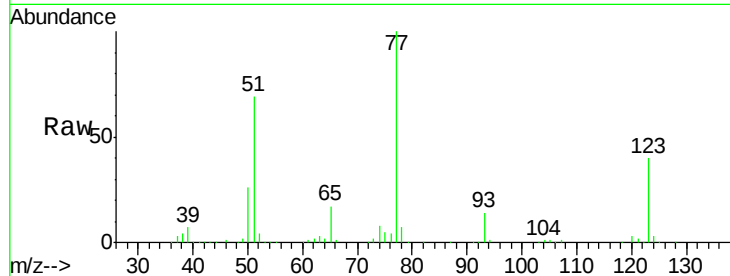




#24
 Nitrobenzene
 Concen: 201.18 ng
 RT: 9.67 min Scan# 729
 Delta R.T. 0.06 min
 Lab File: BF081573.D
 Acq: 10 Sep 2015 18:29

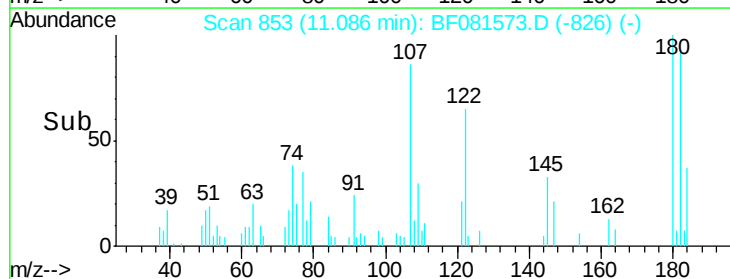
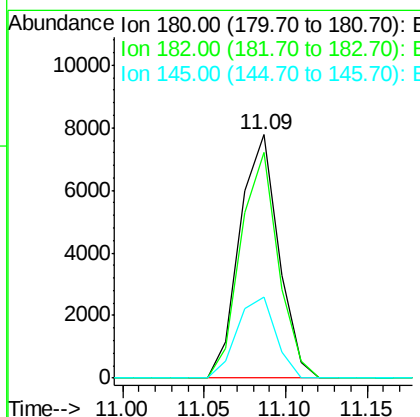
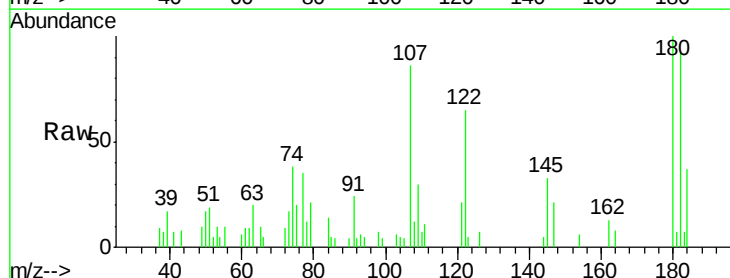
Instrument :
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 SYSDIS083115

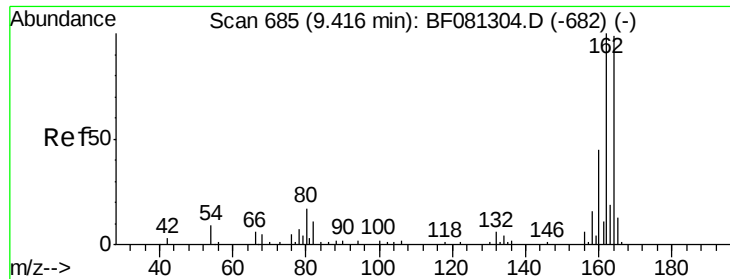
Tgt Ion: 77 Resp: 900983
 Ion Ratio Lower Upper
 77 100
 123 40.3 59.8 89.8#
 65 16.7 10.2 15.4#



#30
 1,2,4-Trichlorobenzene
 Concen: 4.04 ng
 RT: 11.09 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF081573.D
 Acq: 10 Sep 2015 18:29

Tgt Ion: 180 Resp: 12824
 Ion Ratio Lower Upper
 180 100
 182 92.6 77.1 115.7
 145 33.3 23.3 34.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.29 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

Instrument :

BNA_F

ClientSampleId :

SYSDIS083115

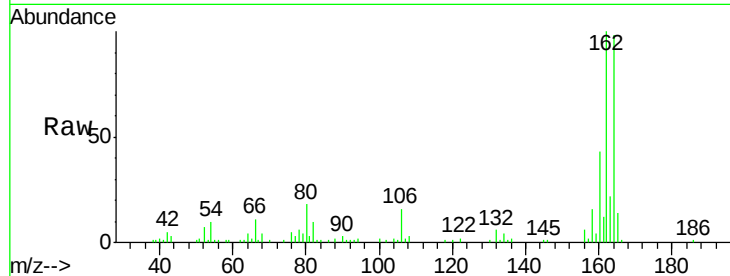
Tgt Ion:164 Resp: 101552

Ion Ratio Lower Upper

164 100

162 102.6 75.2 112.8

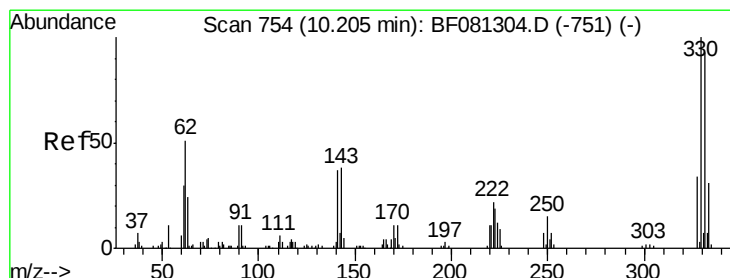
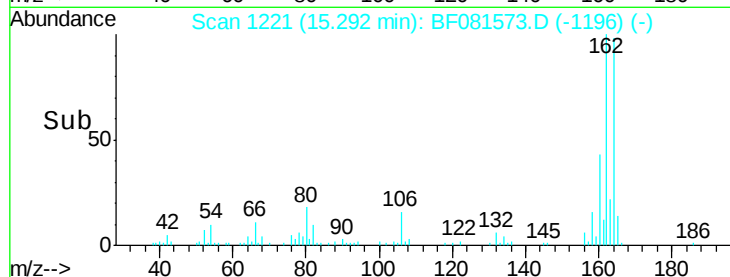
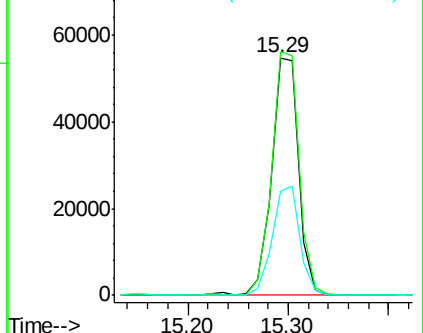
160 43.9 31.5 47.3



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



#41

2,4,6-Tribromophenol

Concen: 95.23 ng

RT: 17.20 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF081573.D

Acq: 10 Sep 2015 18:29

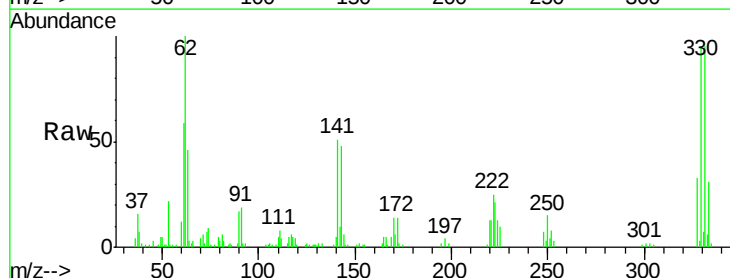
Tgt Ion:330 Resp: 86108

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

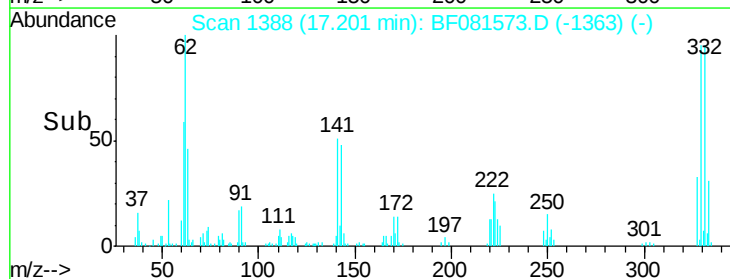
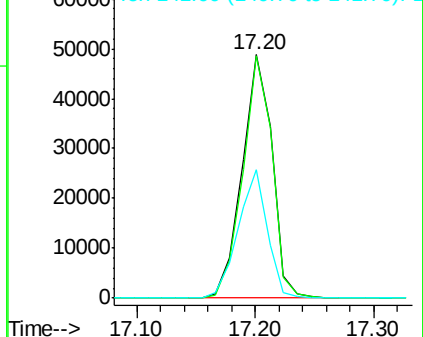
141 51.5 29.7 44.5#

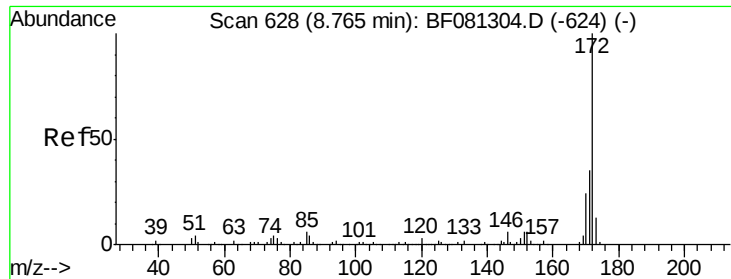


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

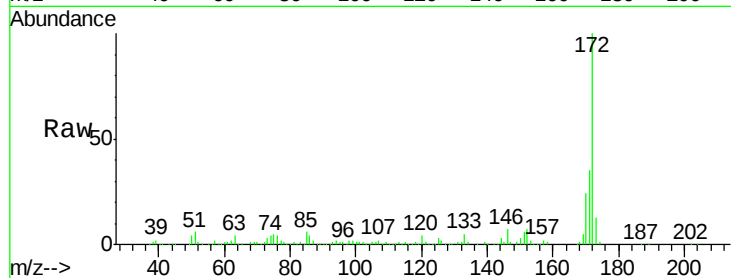




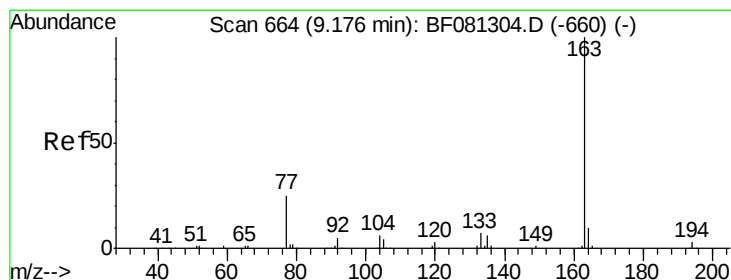
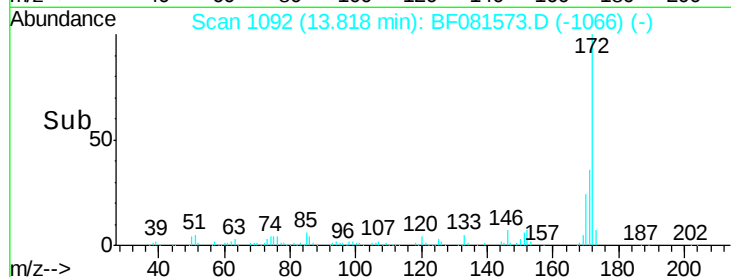
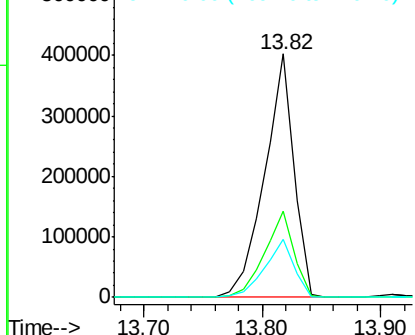
#44
2-Fluorobiphenyl
Concen: 87.37 ng
RT: 13.82 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:172 Resp: 692342
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 23.7 17.4 26.2

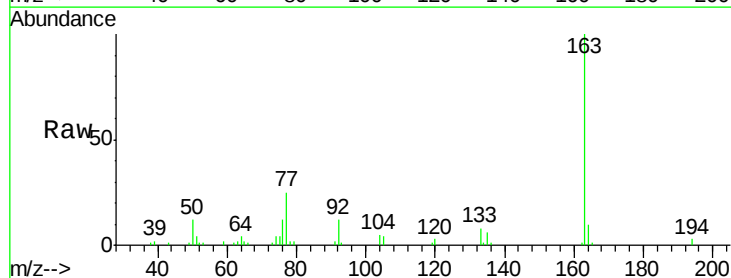


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

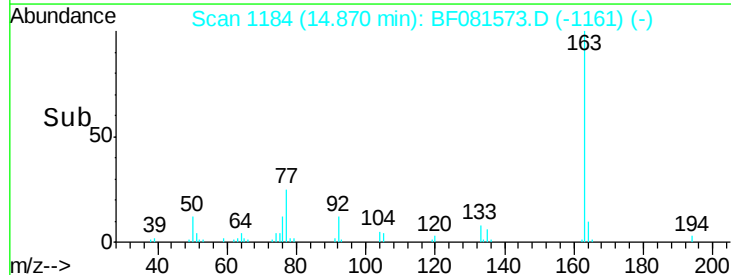
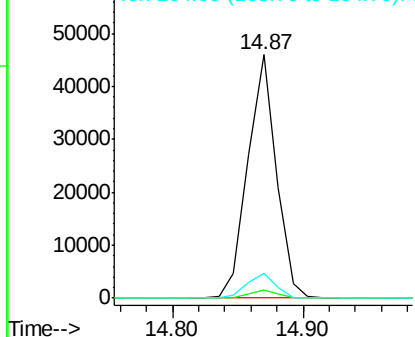


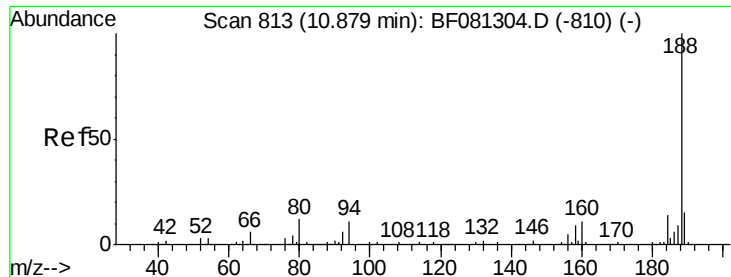
#49
Dimethylphthalate
Concen: 8.87 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:163 Resp: 69954
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.1 8.3 12.5



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

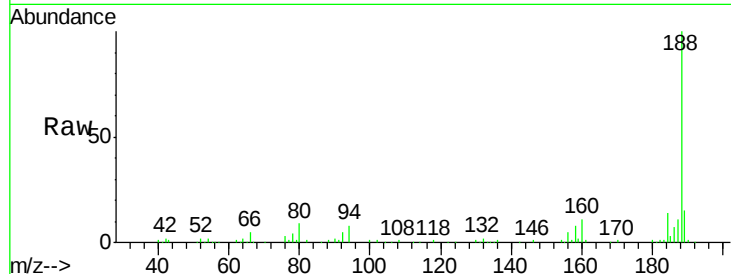




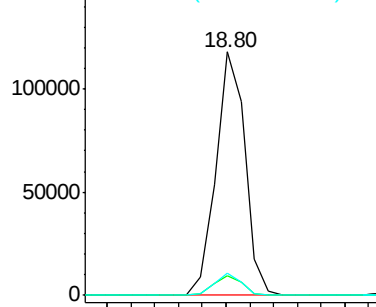
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

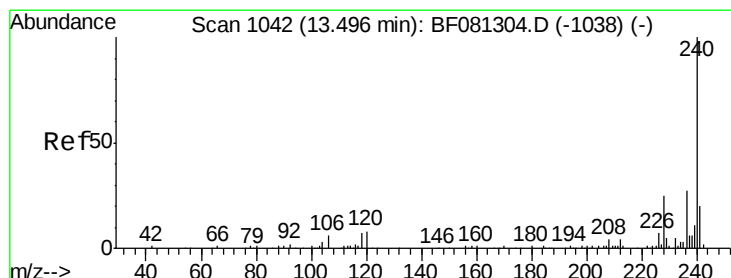
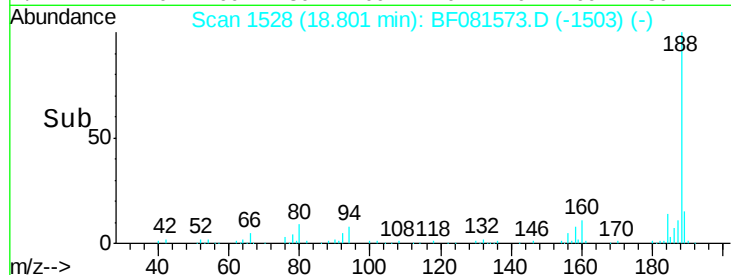
Tgt Ion:188 Resp: 201703
Ion Ratio Lower Upper
188 100
94 7.9 11.1 16.7#
80 9.3 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

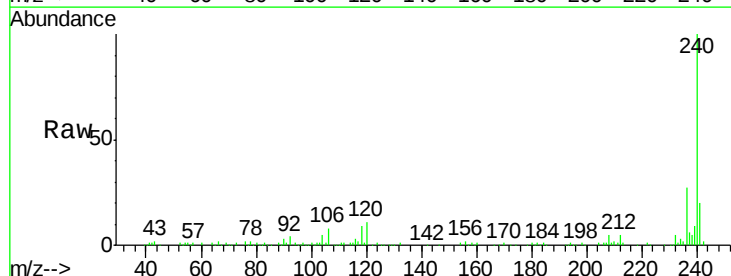


Time--> 18.70 18.80 18.90

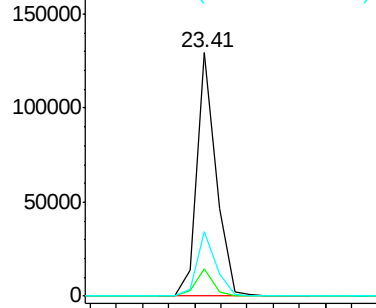


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

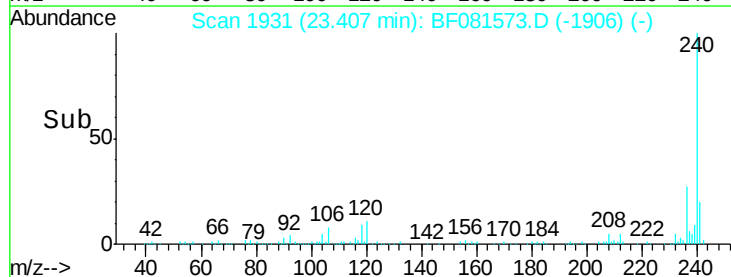
Tgt Ion:240 Resp: 132778
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 26.6 18.4 27.6

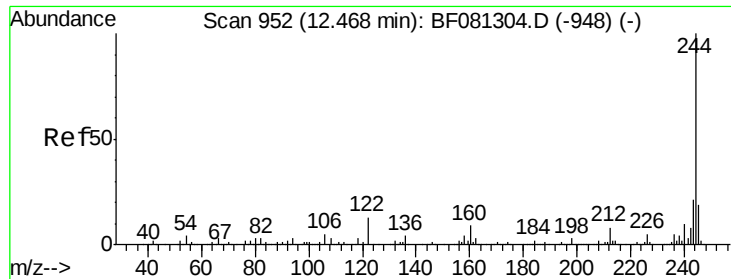


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 23.40 23.50

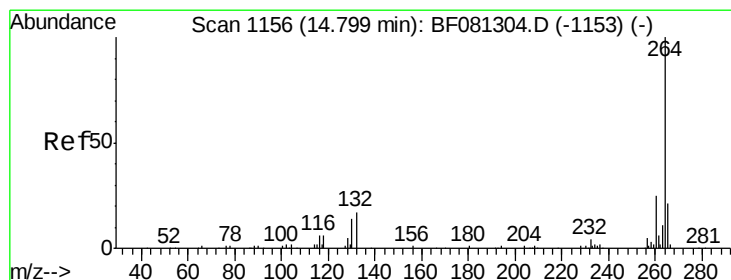
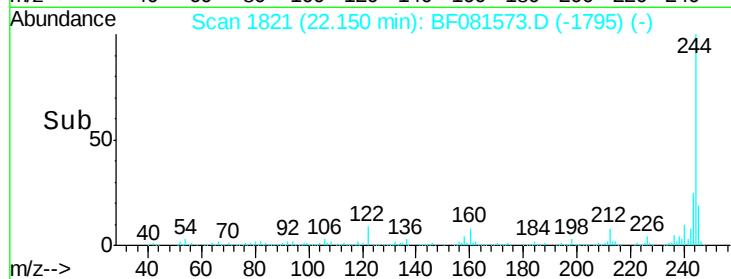
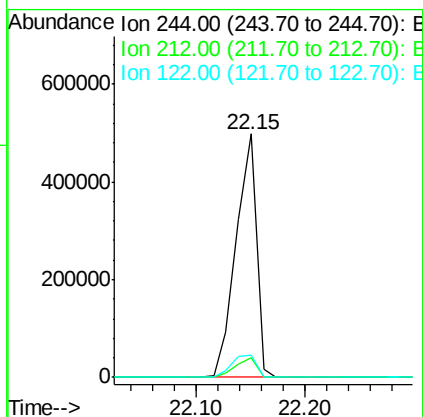
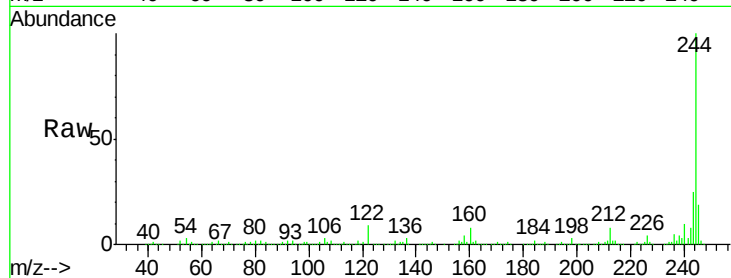




#78
Terphenyl-d14
Concen: 112.44 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:	244	Resp:	641328
Ion Ratio	Lower	Upper	
244	100		
212	8.0	4.3	6.5#
122	9.3	17.4	26.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:	264	Resp:	96036
Ion Ratio	Lower	Upper	
264	100		
260	23.7	16.7	25.1
265	21.0	17.2	25.8

