

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
 Data File : BF084540.D
 Acq On : 18 Jan 2016 17:24
 Operator : SJ/UM
 Sample : H1140-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-011416

Quant Time: Jan 19 00:07:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

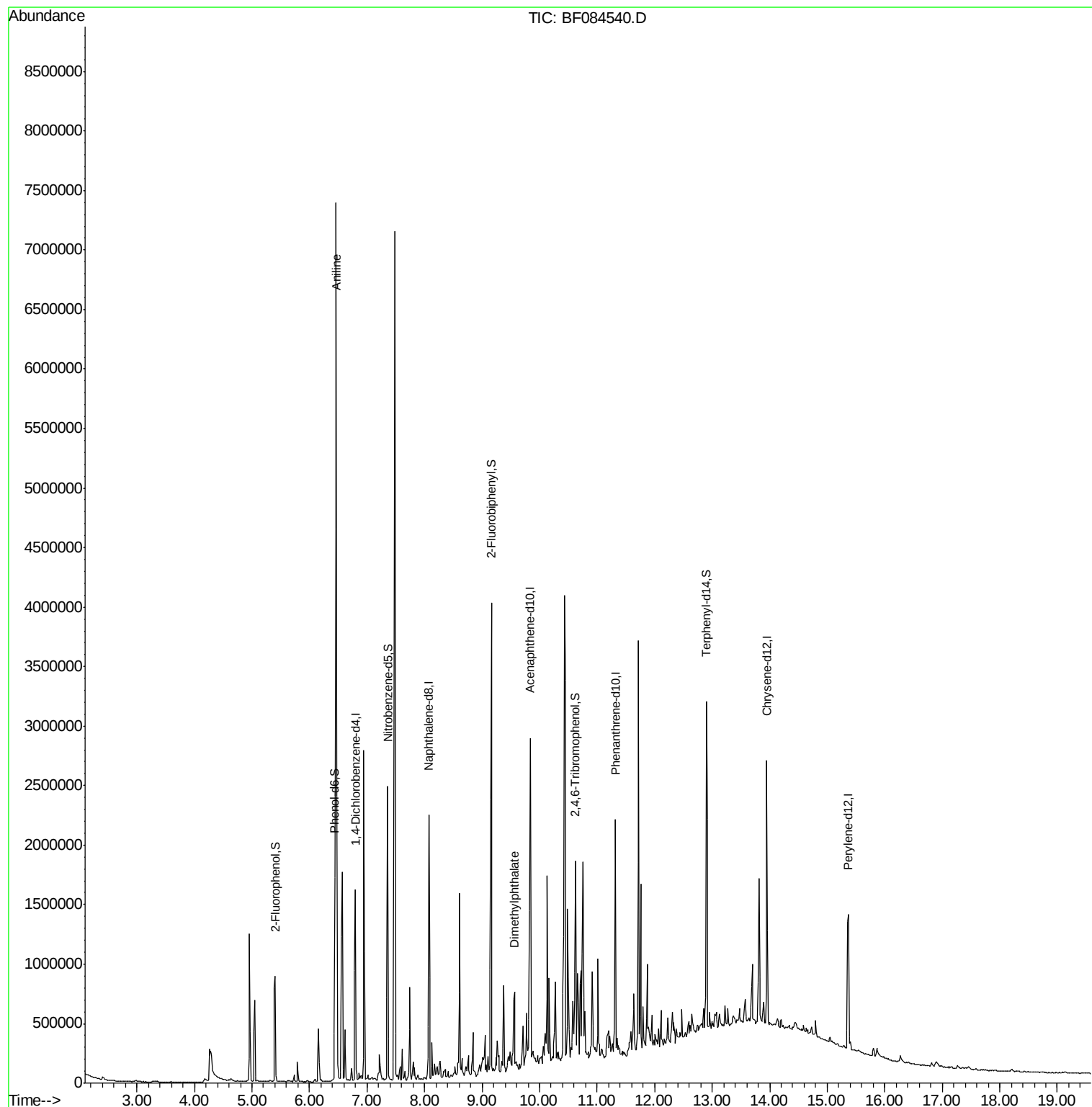
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	287517	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	1139959	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	582420	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	1041258	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	829356	20.00	ng	-0.05
86) Perylene-d12	15.37	264	648835	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	353342	19.88	ng	-0.03
7) Phenol-d6	6.44	99	307123	13.76	ng	-0.03
23) Nitrobenzene-d5	7.36	82	798731	39.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	227860	38.75	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1536314	43.30	ng	-0.03
78) Terphenyl-d14	12.90	244	1118471	30.10	ng	-0.05
Target Compounds						
6) Aniline	6.46	93	3861012	118.22	ng	# 86
49) Dimethylphthalate	9.56	163	380226	9.13	ng	# 91

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

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Quant Time: Jan 19 00:07:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

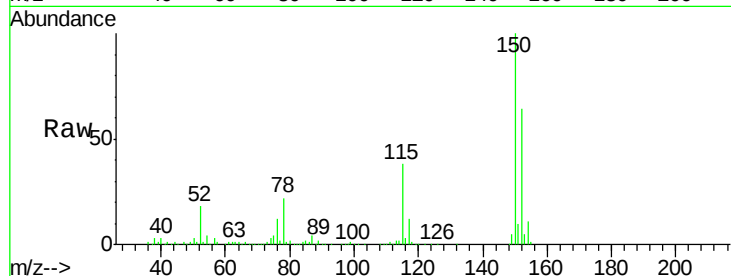
Tot Ion:152 Resp: 287517

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.4

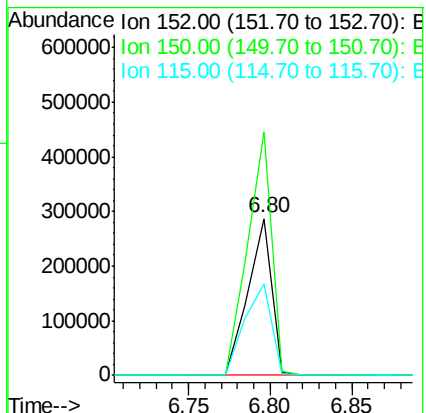
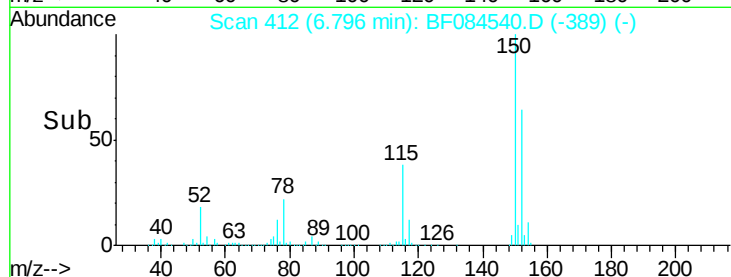
115 58.5 51.4 77.2



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: 19.88 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

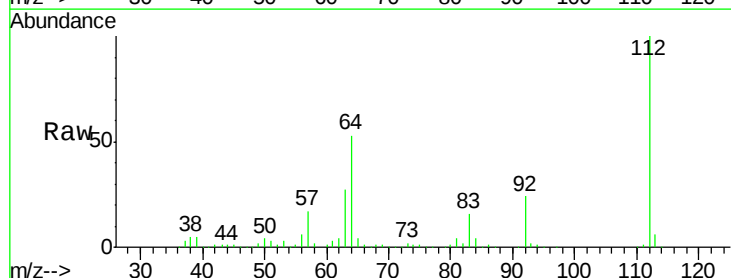
Tgt Ion:112 Resp: 353342

Ion Ratio Lower Upper

112 100

64 53.2 36.6 55.0

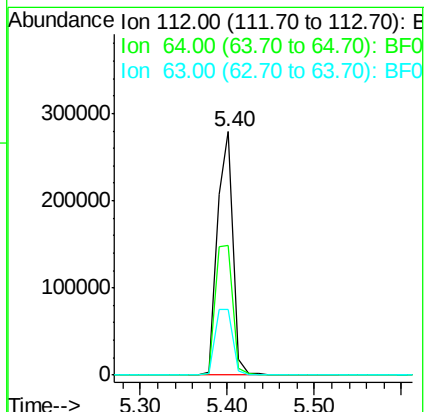
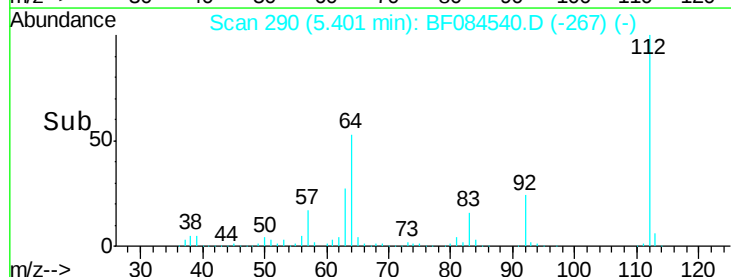
63 26.8 19.4 29.0

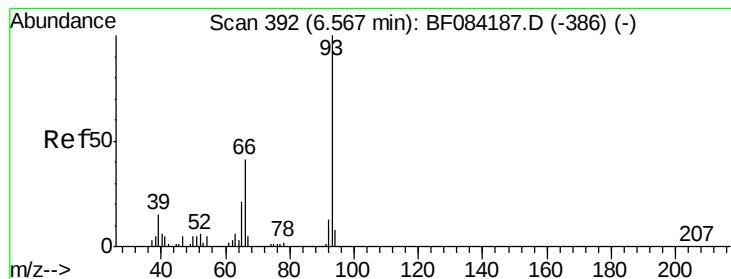


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 118.22 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

Instrument :

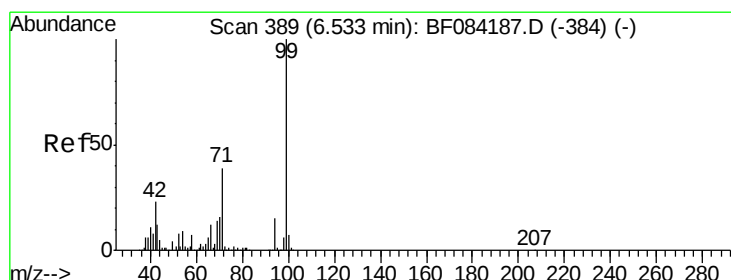
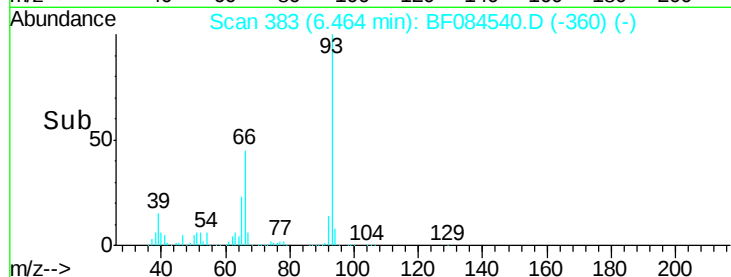
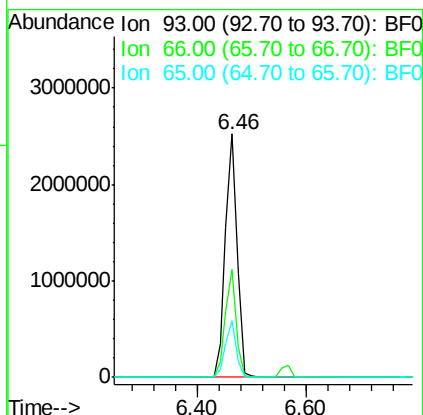
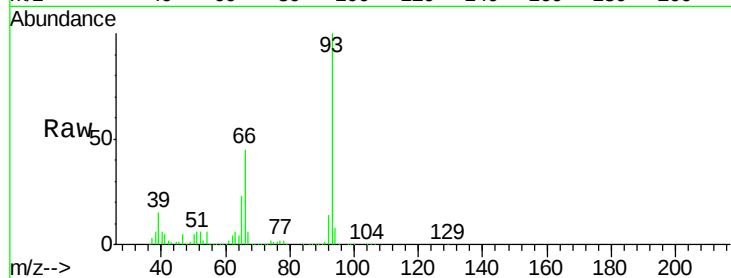
BNA_F

ClientSampleId :

SYS-DIS-011416

Tot Ion: 93 Resp: 3861012

Ion	Ratio	Lower	Upper
93	100		
66	44.5	44.9	67.3#
65	23.3	23.7	35.5#



#7

Phenol-d6

Concen: 13.76 ng

RT: 6.44 min Scan# 381

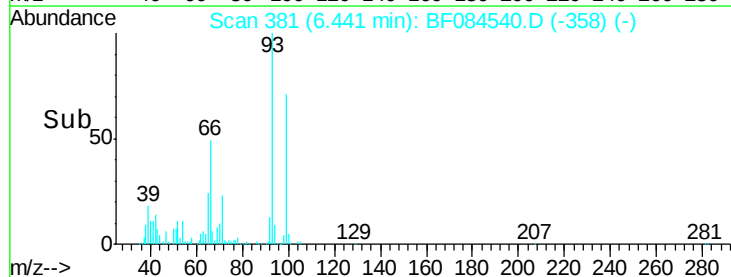
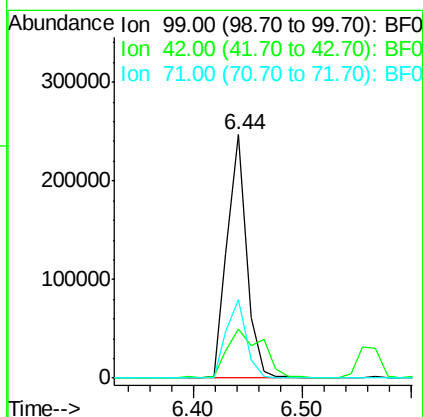
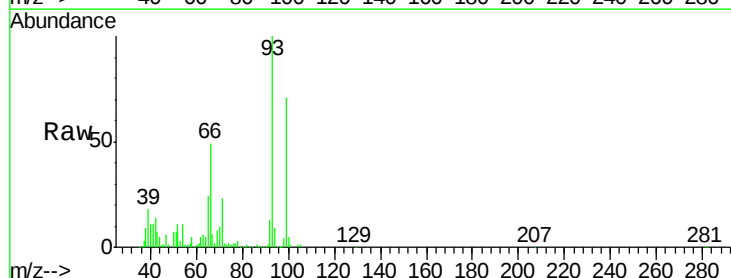
Delta R.T. -0.03 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

Tgt Ion: 99 Resp: 307123

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	32.1	30.9	46.3

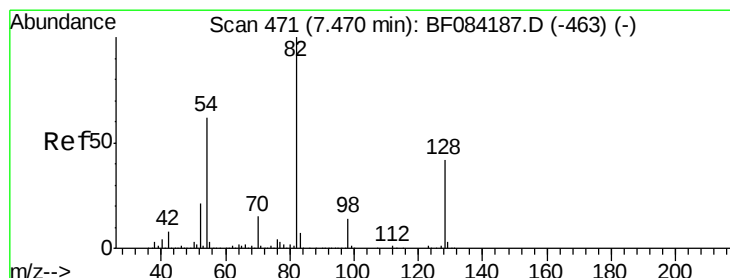
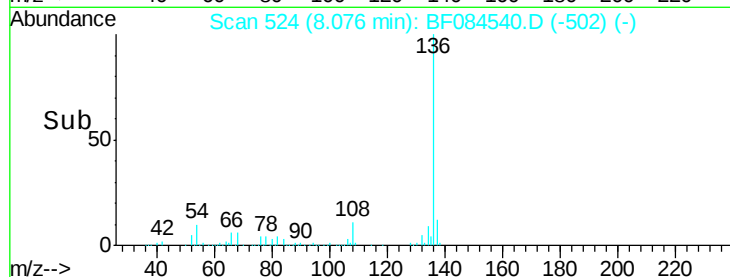
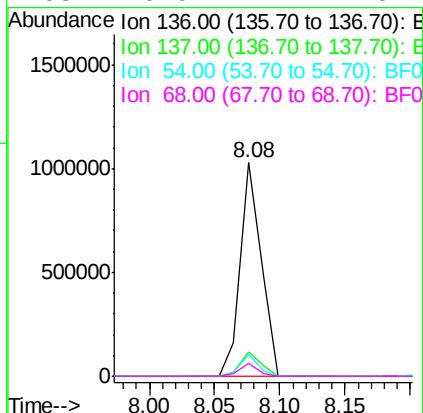
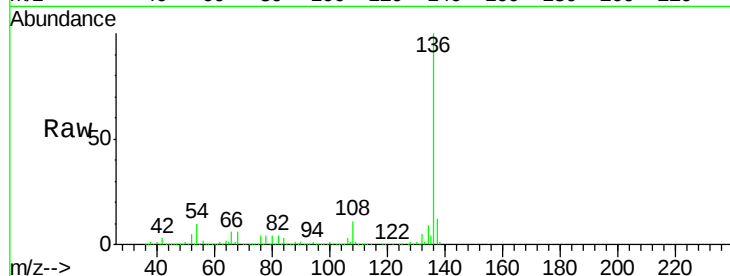




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF084540.D
Acq: 18 Jan 2016 17:24

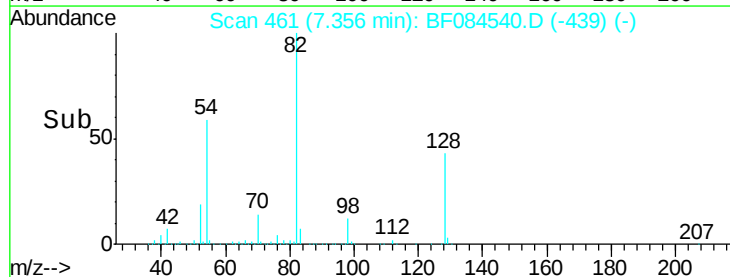
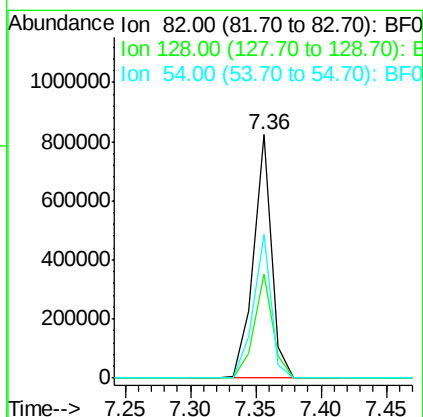
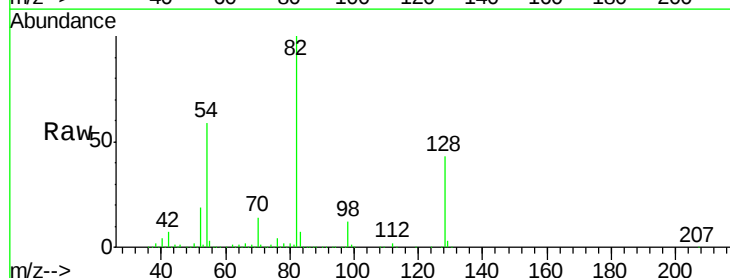
Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416

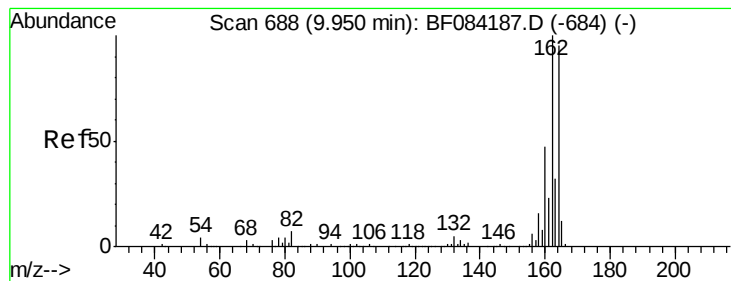
Tot Ion:136	Resp: 1139959
Ion Ratio	Lower Upper
136 100	
137 11.5	8.7 13.1
54 10.2	5.8 8.8#
68 6.0	4.2 6.2



#23
Nitrobenzene-d5
Concen: 39.00 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084540.D
Acq: 18 Jan 2016 17:24

Tgt Ion: 82	Resp: 798731
Ion Ratio	Lower Upper
82 100	
128 42.7	34.6 51.8
54 58.8	38.4 57.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

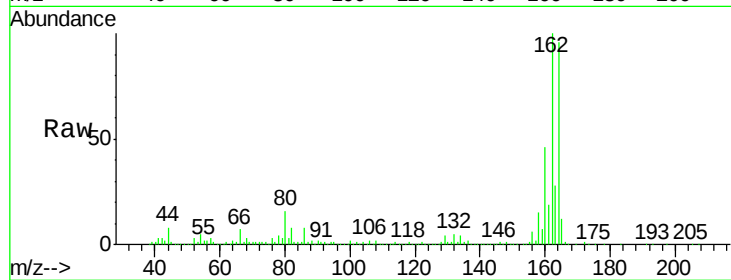
Tot Ion:164 Resp: 582420

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

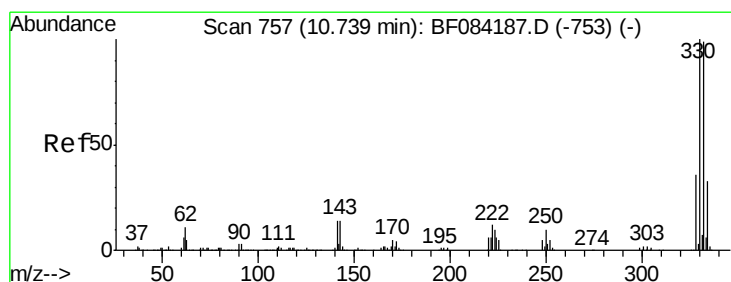
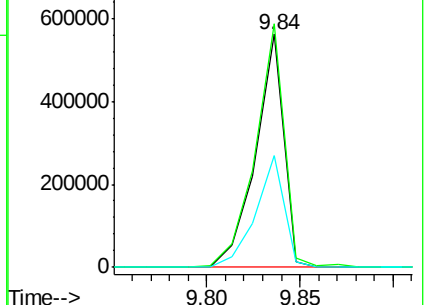
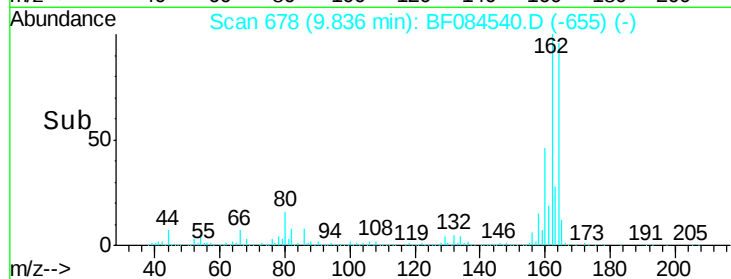
160 48.0 37.5 56.3



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: 38.75 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

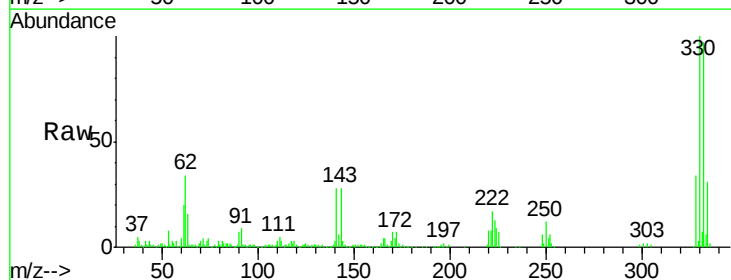
Tgt Ion:330 Resp: 227860

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

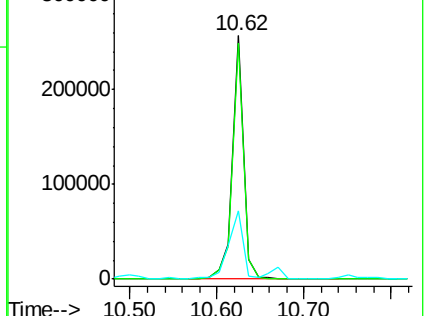
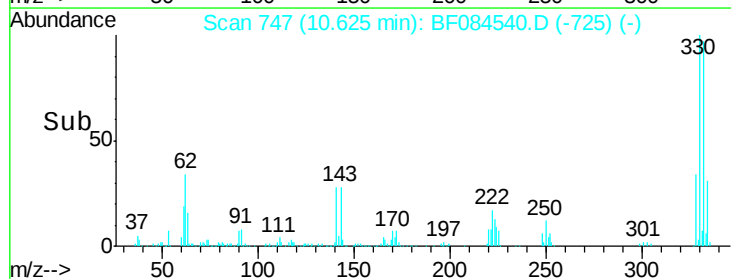
141 35.7 27.8 41.6

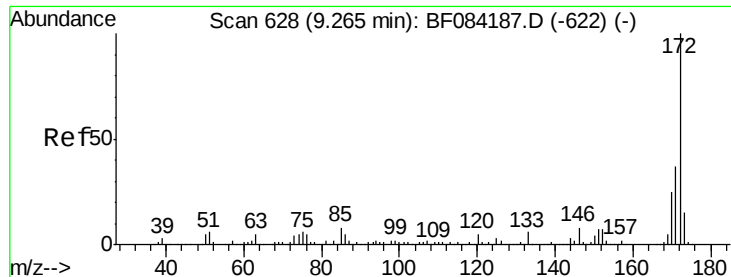


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

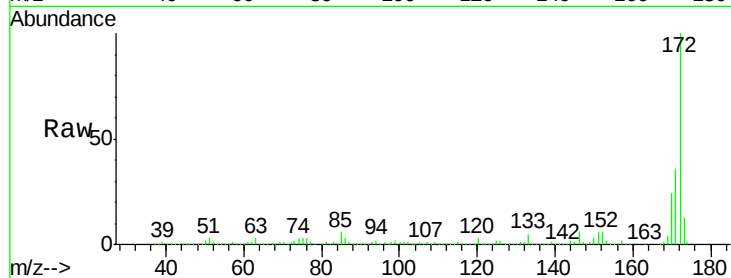




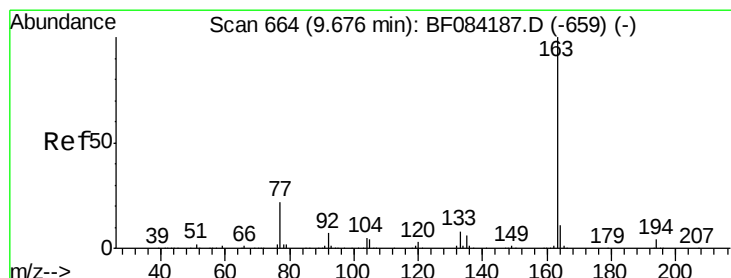
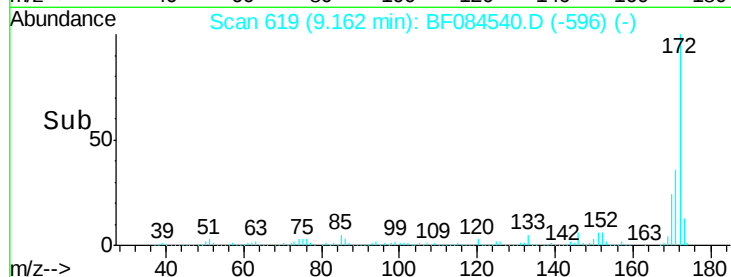
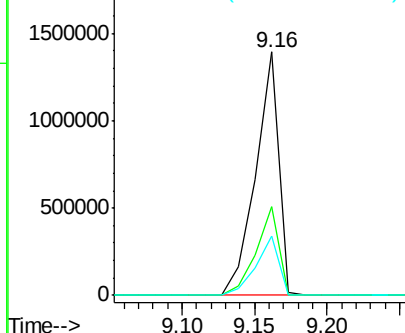
#44
2-Fluorobiphenyl
Concen: 43.30 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084540.D
Acq: 18 Jan 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416

Tot Ion:172 Resp: 1536314
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.4 18.6 27.8

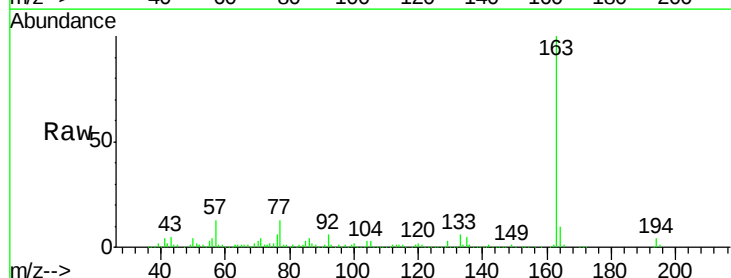


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

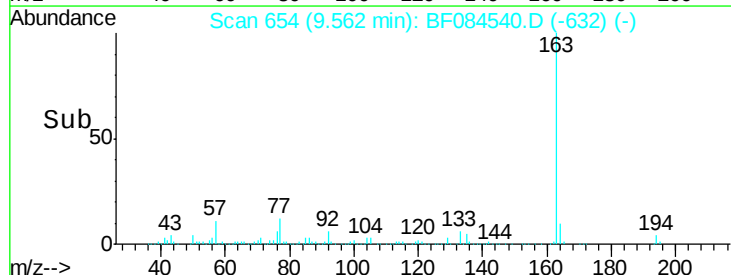
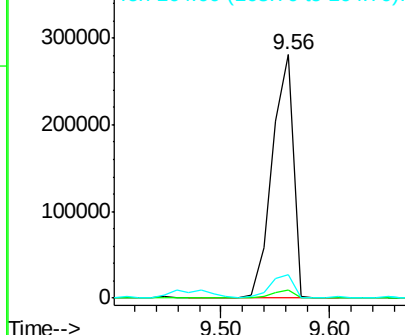


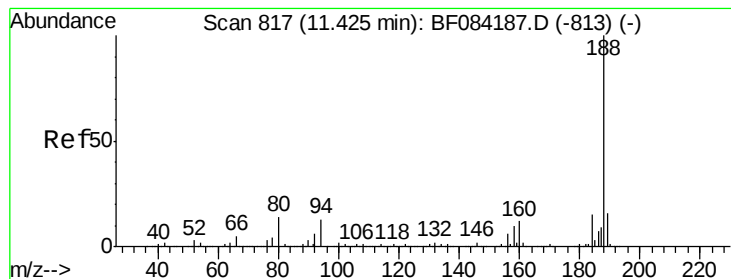
#49
Dimethylphthalate
Concen: 9.13 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084540.D
Acq: 18 Jan 2016 17:24

Tgt Ion:163 Resp: 380226
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 9.7 8.0 12.0



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: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-011416

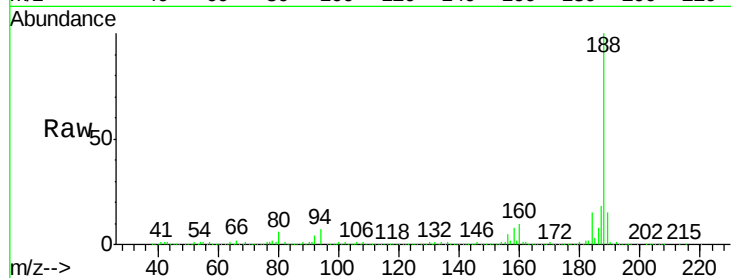
Tot Ion:188 Resp: 1041258

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.4#

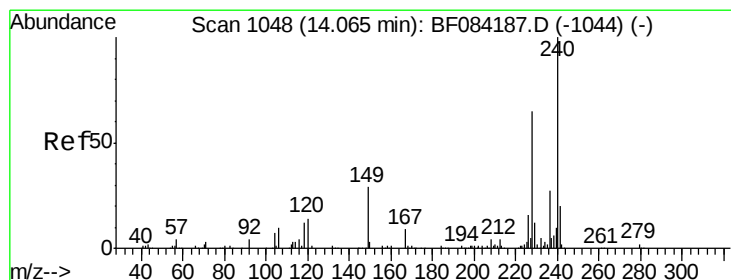
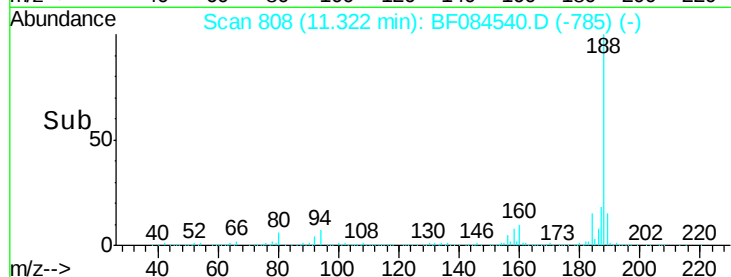
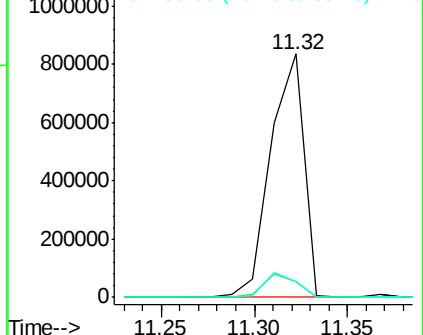
80 6.5 9.6 14.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

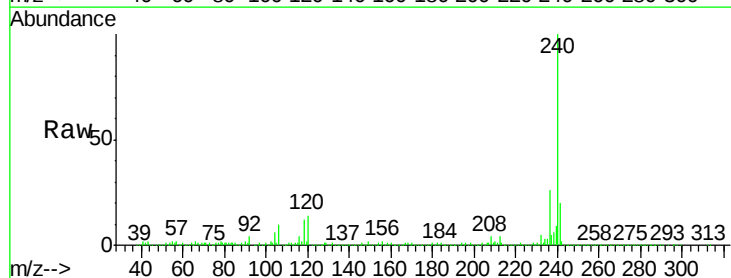
Tgt Ion:240 Resp: 829356

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

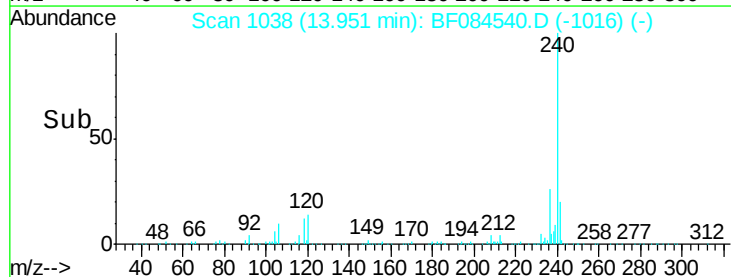
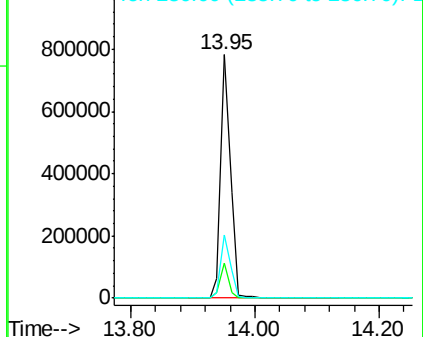
236 25.9 20.6 31.0

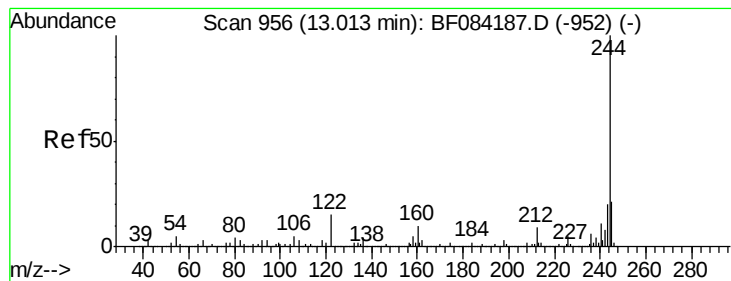


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.10 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

Instrument :

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SYS-DIS-011416

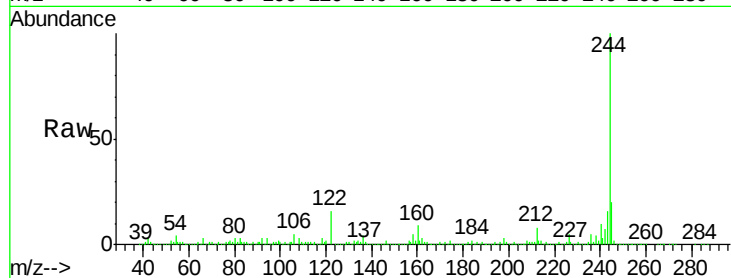
Tot Ion:244 Resp: 1118471

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

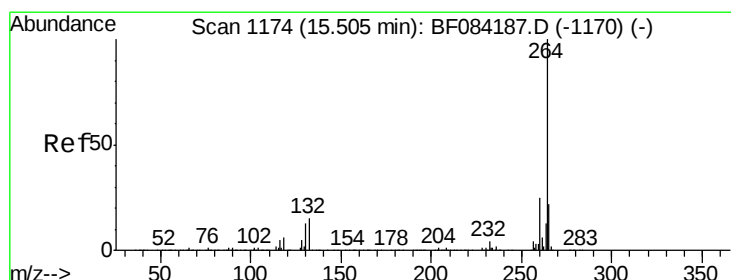
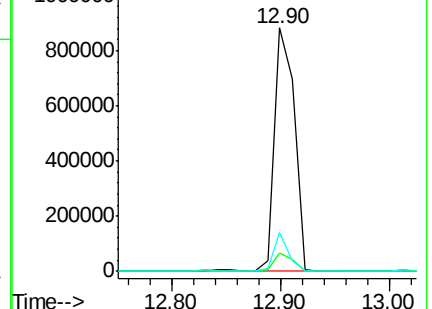
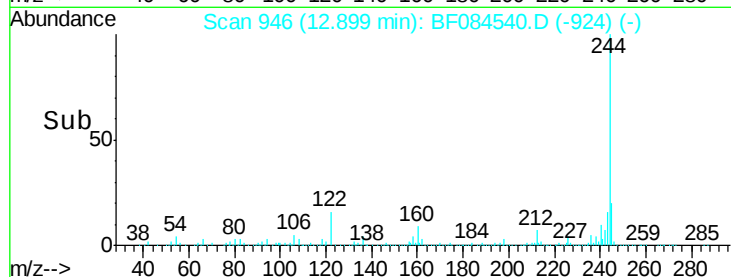
122 15.8 7.4 11.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF084540.D

Acq: 18 Jan 2016 17:24

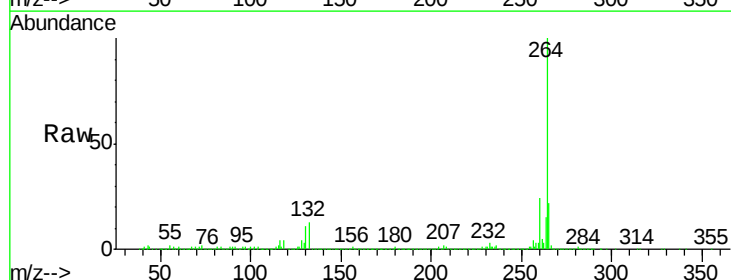
Tgt Ion:264 Resp: 648835

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.0 17.8 26.6



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

