

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085078.D
 Acq On : 13 Feb 2016 11:27
 Operator : SJ/IZ
 Sample : H1409-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(9-11)

Quant Time: Feb 15 00:58:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

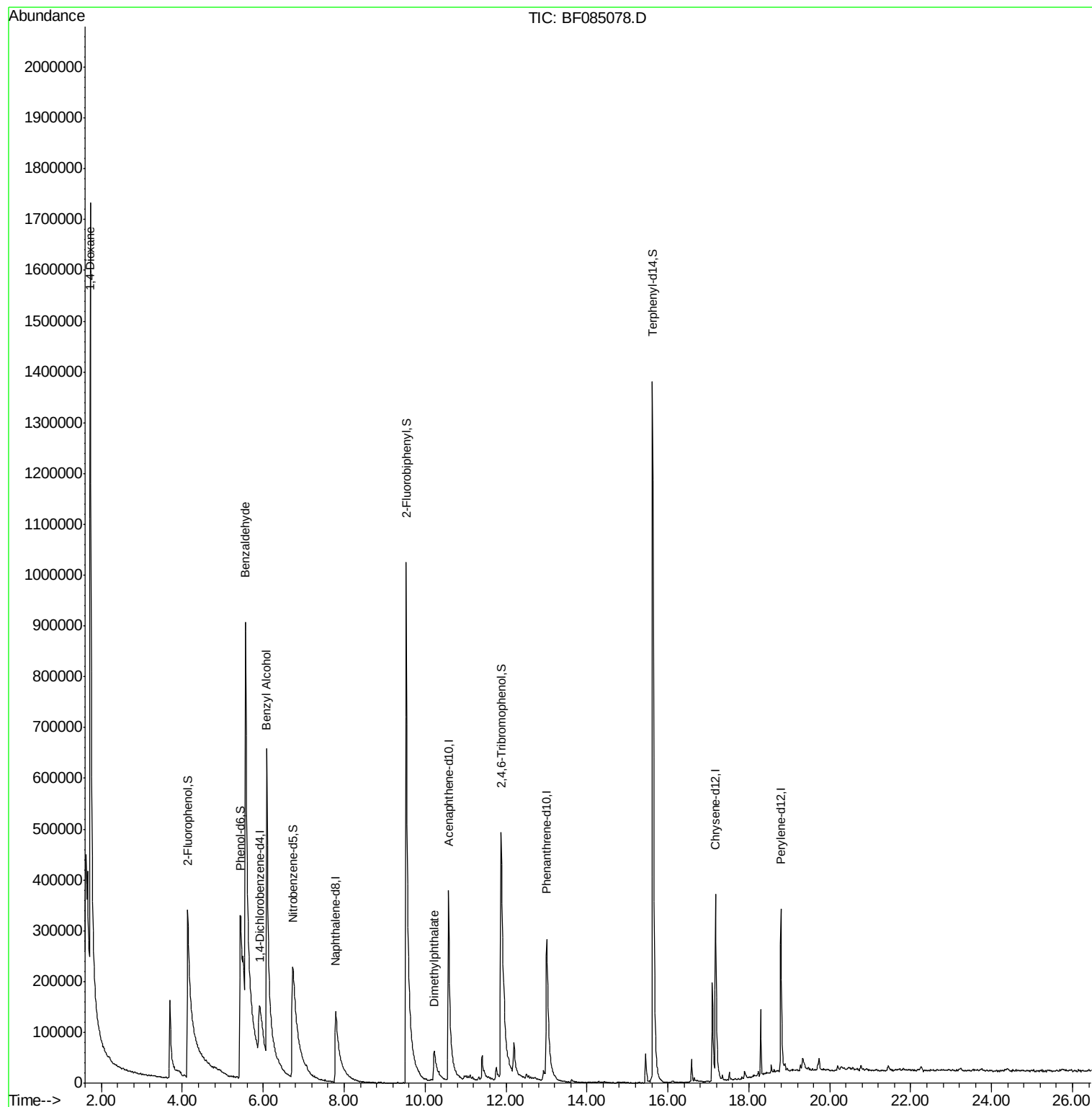
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	112998	20.00	ng	0.03
21) Naphthalene-d8	7.79	136	527112	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	275093	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	505242	20.00	ng	0.01
75) Chrysene-d12	17.18	240	329647	20.00	ng	0.00
86) Perylene-d12	18.80	264	264968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	718991	111.26	ng	-0.02
7) Phenol-d6	5.43	99	1055077	122.50	ng	-0.01
23) Nitrobenzene-d5	6.73	82	637319	71.40	ng	0.01
41) 2,4,6-Tribromophenol	11.89	330	302547	106.48	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1308429	67.99	ng	0.00
78) Terphenyl-d14	15.62	244	1128419	70.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	94006	35.31	ng	# 15
9) Benzaldehyde	5.55	77	10792	2.33	ng	# 72
11) bis(2-Chloroethyl)ether	5.56	93	448	Below Cal		# 1
15) Benzyl Alcohol	6.08	79	10875	2.07	ng	# 43
49) Dimethylphthalate	10.23	163	171514	8.32	ng	100

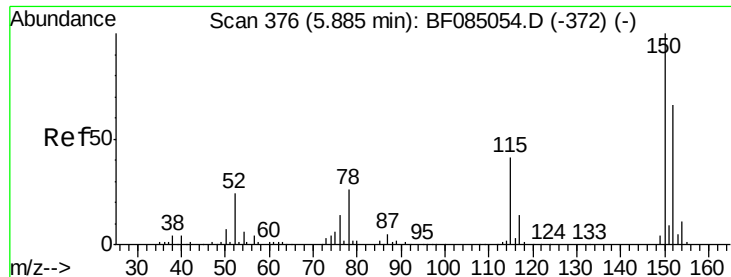
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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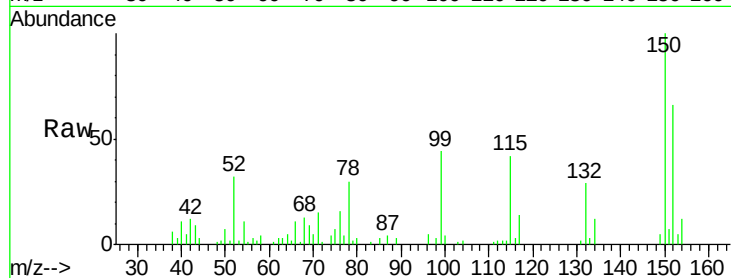


#1

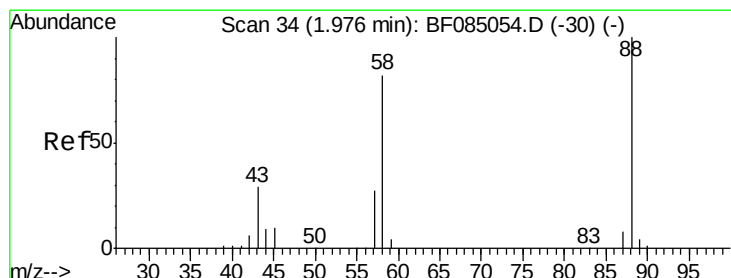
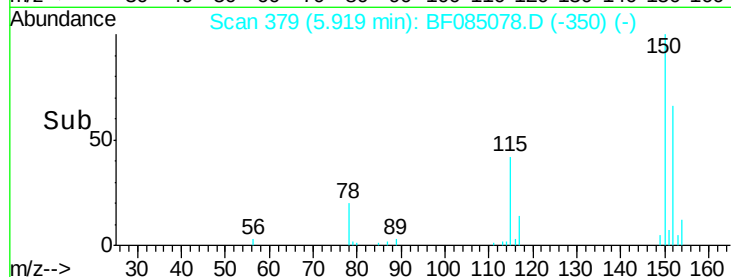
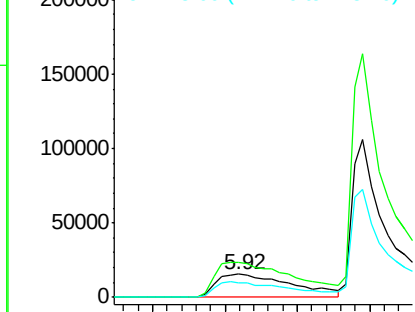
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 379
Delta R.T. 0.03 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SUP-B019(9-11)

Tgt Ion: 152 Resp: 112998
Ion Ratio Lower Upper
152 100
150 152.0 127.4 191.2
115 63.5 50.5 75.7



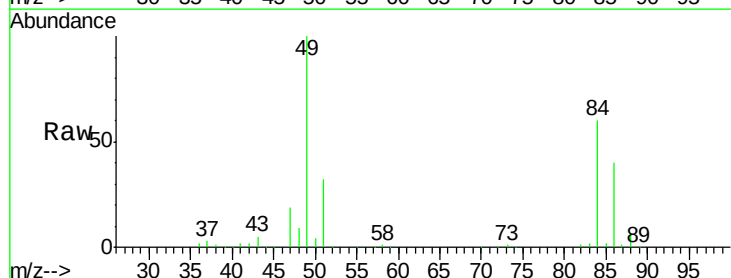
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



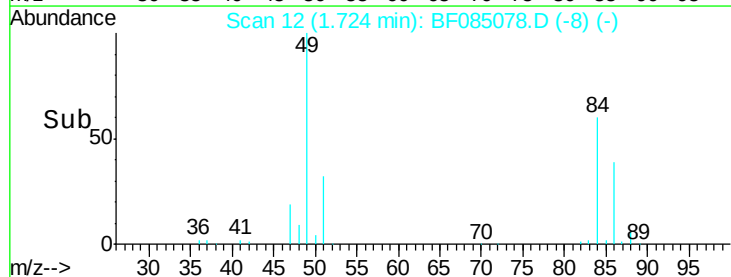
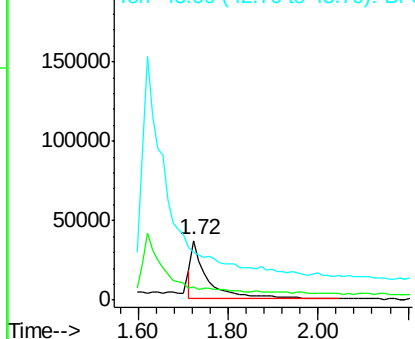
#2

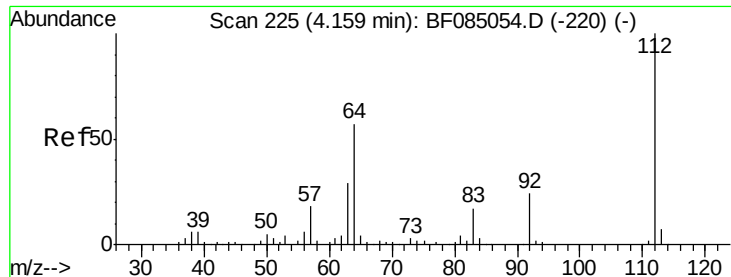
1,4-Dioxane
Concen: 35.31 ng
RT: 1.72 min Scan# 12
Delta R.T. -0.25 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Tgt Ion: 88 Resp: 94006
Ion Ratio Lower Upper
88 100
58 0.0 70.9 106.3#
43 0.0 25.9 38.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 111.26 ng

RT: 4.14 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SUP-B019(9-11)

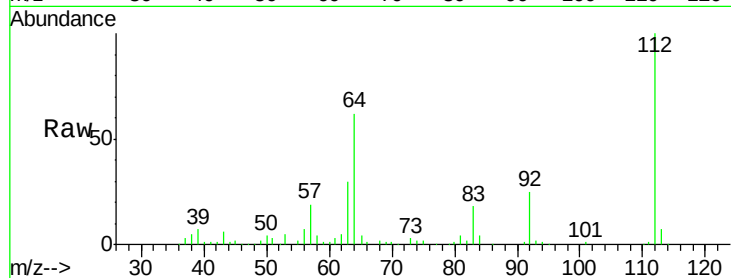
Tgt Ion: 112 Resp: 718991

Ion Ratio Lower Upper

112 100

64 61.7 45.4 68.2

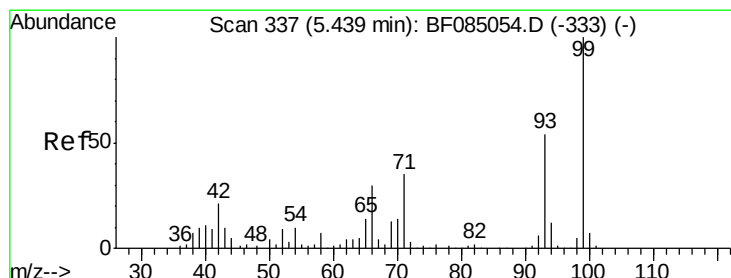
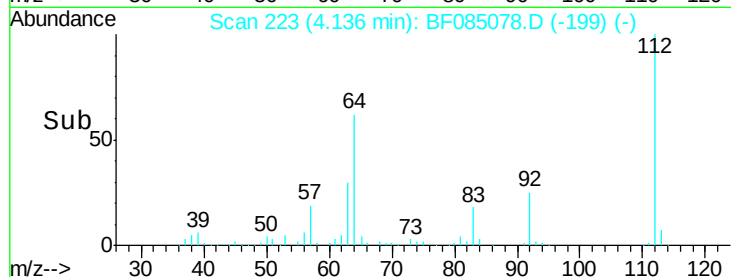
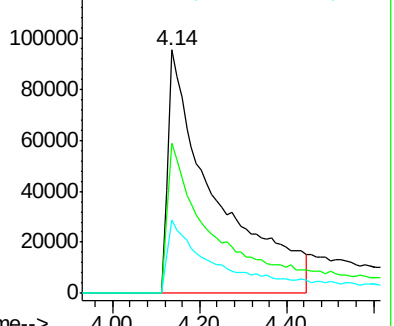
63 30.0 23.2 34.8



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



#7

Phenol-d6

Concen: 122.50 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

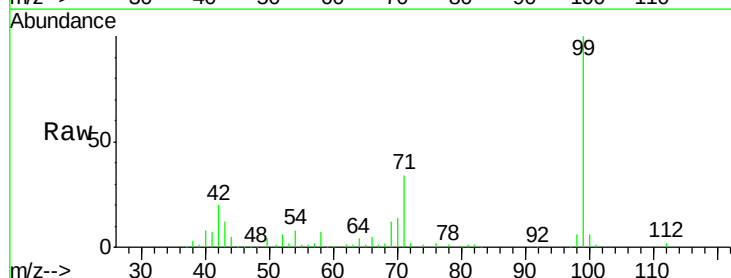
Tgt Ion: 99 Resp: 1055077

Ion Ratio Lower Upper

99 100

42 19.5 17.0 25.4

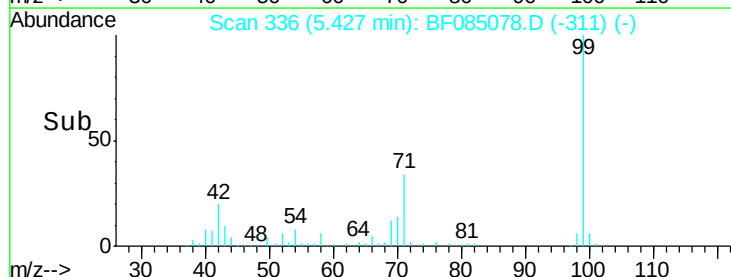
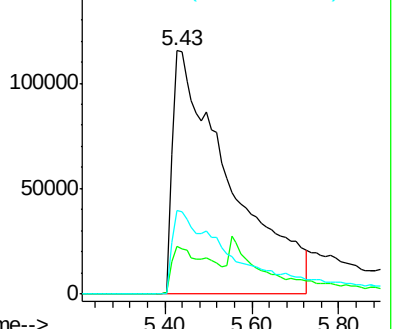
71 34.4 28.3 42.5

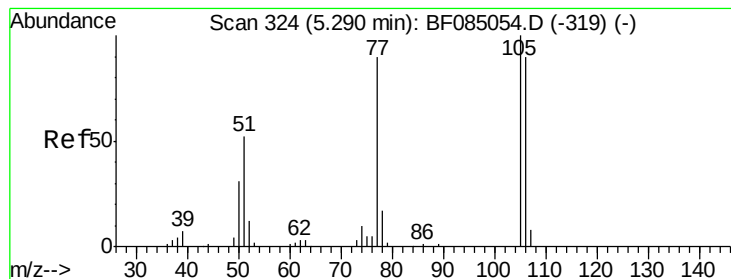


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.33 ng

RT: 5.55 min Scan# 347

Delta R.T. 0.26 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

Instrument :

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ClientSampleId :

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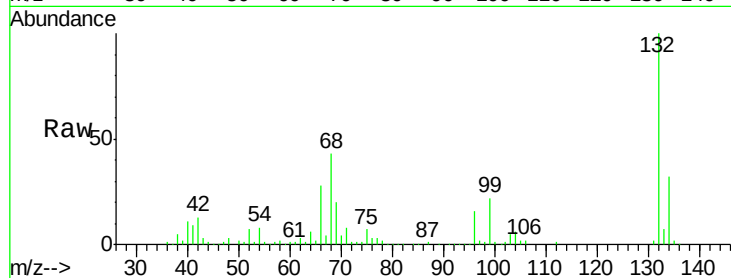
Tgt Ion: 77 Resp: 10792

Ion Ratio Lower Upper

77 100

105 78.5 90.9 130.9#

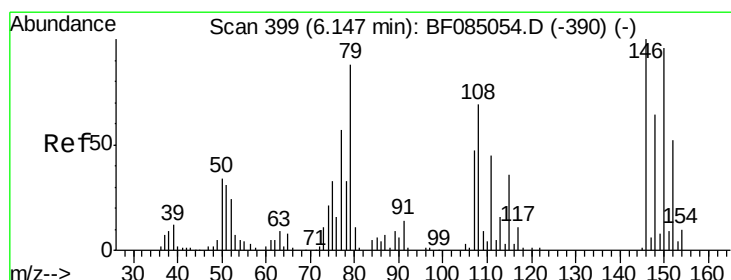
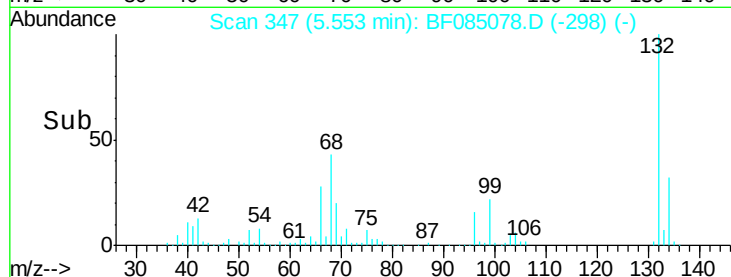
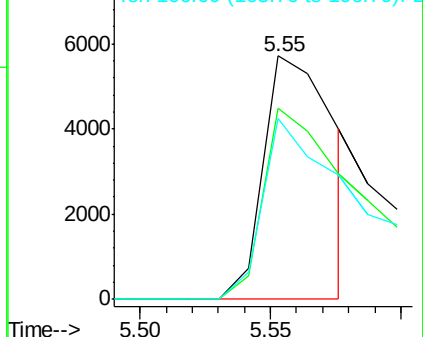
106 74.1 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.07 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

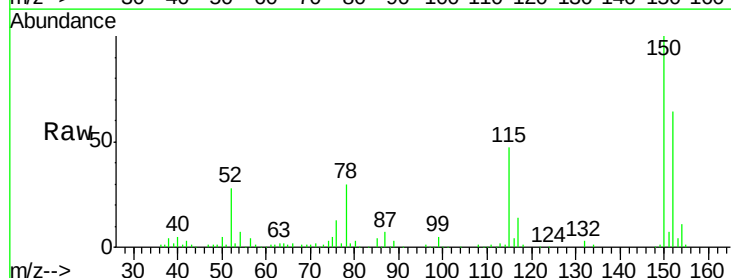
Tgt Ion: 79 Resp: 10875

Ion Ratio Lower Upper

79 100

108 24.2 63.4 95.0#

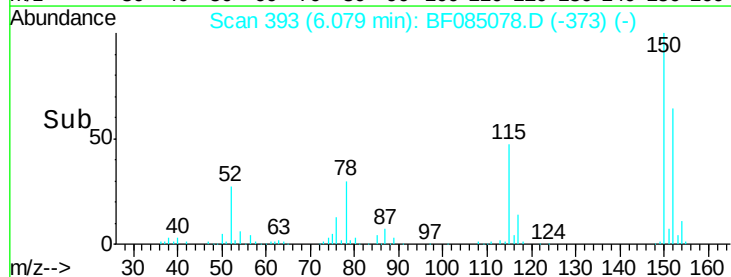
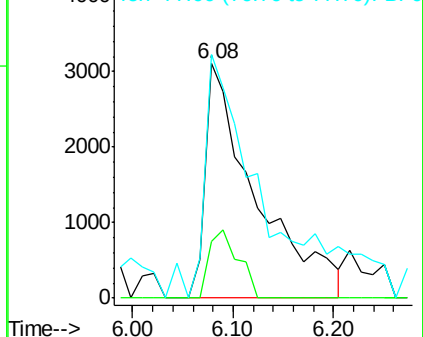
77 103.9 51.8 77.6#

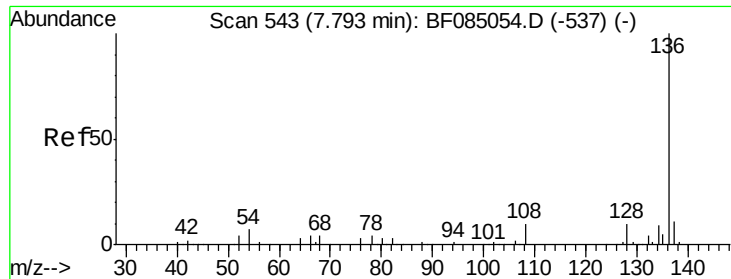


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

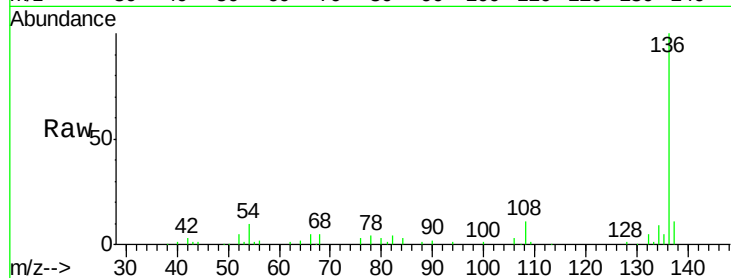




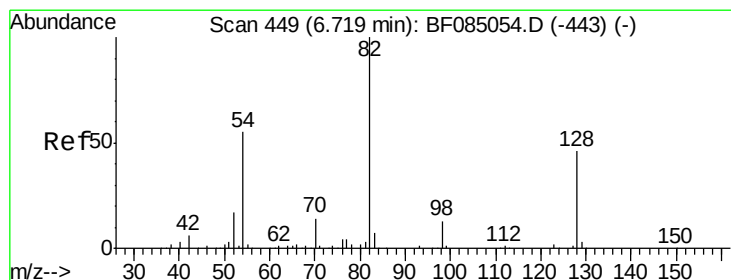
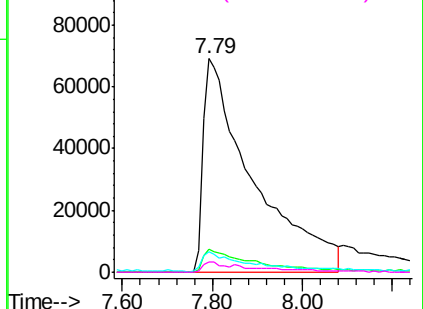
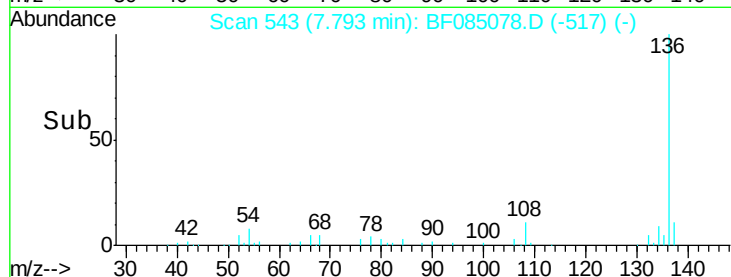
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Instrument :
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ClientSampleId :
SUP-B019(9-11)

Tgt Ion:	136	Resp:	527112
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.6	6.1	9.1#
68	4.9	3.5	5.3

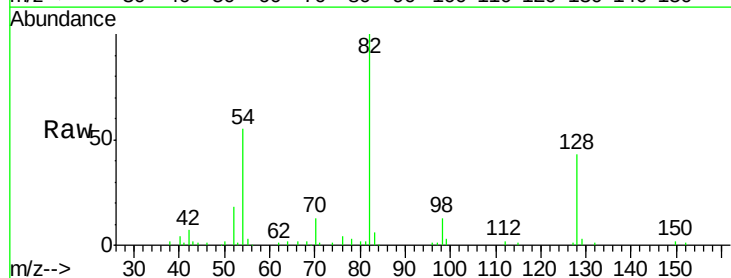


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

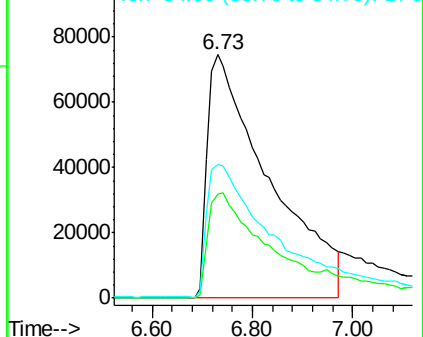
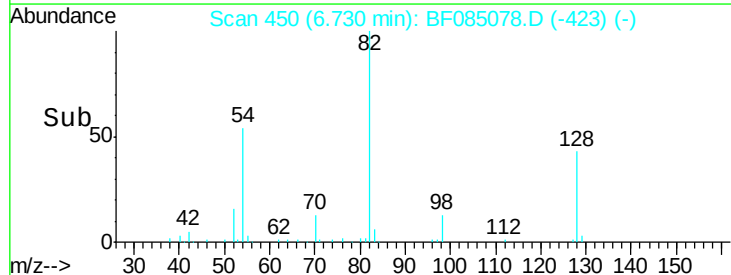


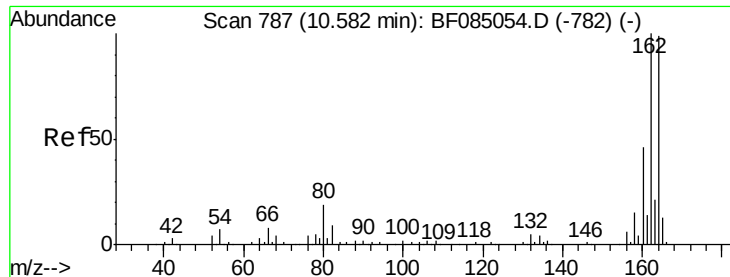
#23
Nitrobenzene-d5
Concen: 71.40 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Tgt Ion:	82	Resp:	637319
Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.8	55.2
54	54.7	44.4	66.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

Instrument :

BNA_F

ClientSampleId :

SUP-B019(9-11)

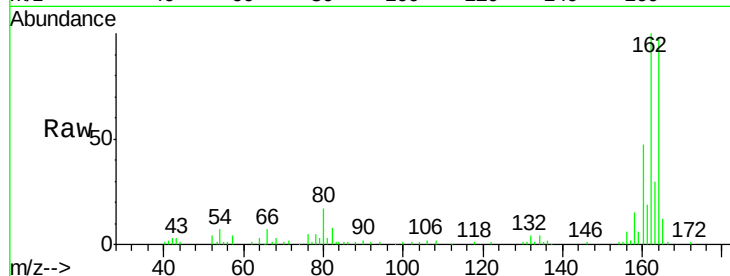
Tgt Ion:164 Resp: 275093

Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

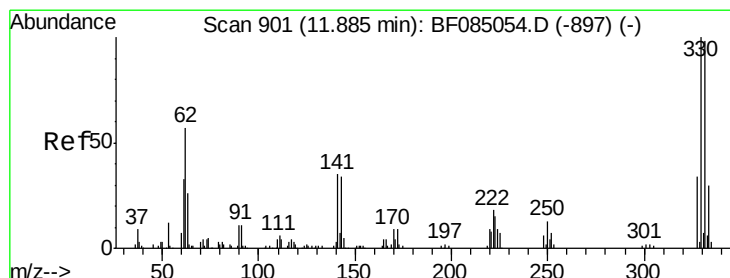
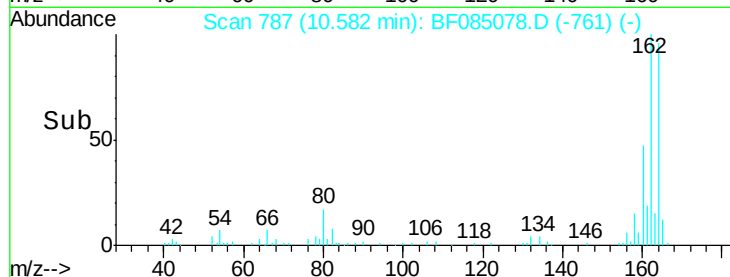
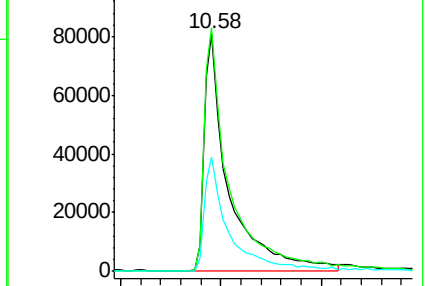
160 48.2 37.4 56.0



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: 106.48 ng

RT: 11.89 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF085078.D

Acq: 13 Feb 2016 11:27

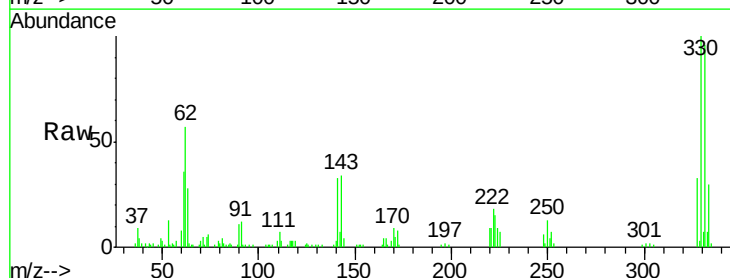
Tgt Ion:330 Resp: 302547

Ion Ratio Lower Upper

330 100

332 94.7 78.5 117.7

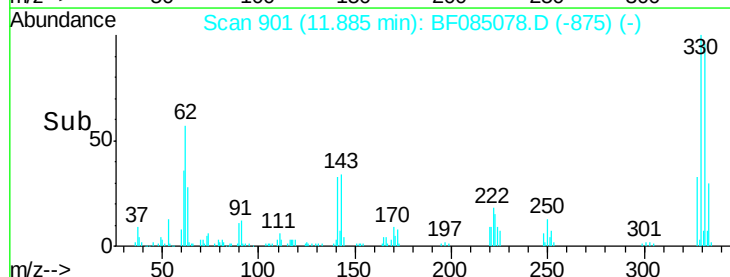
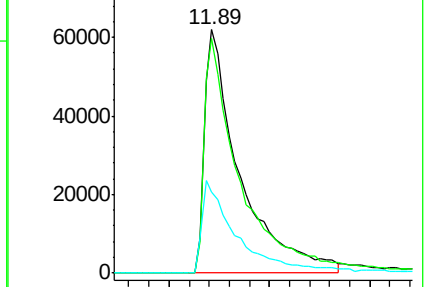
141 37.1 28.6 42.8

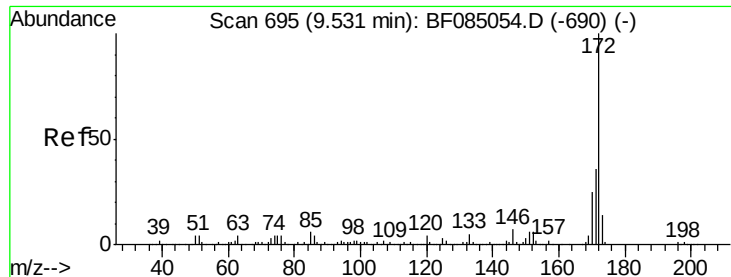


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

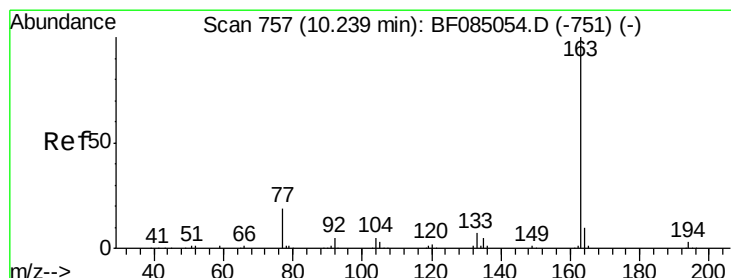
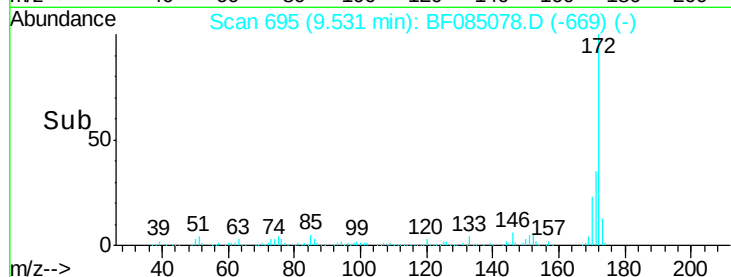
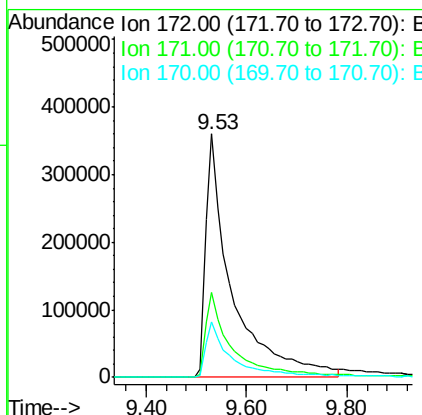
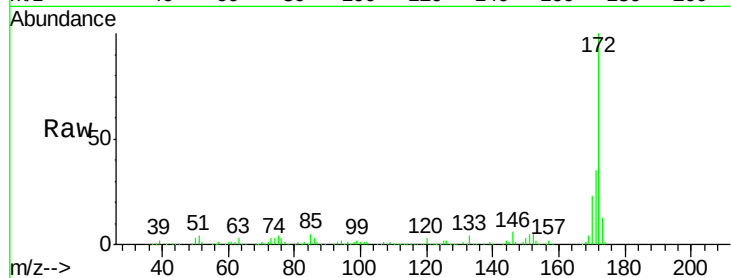




#44
2-Fluorobiphenyl
Concen: 67.99 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

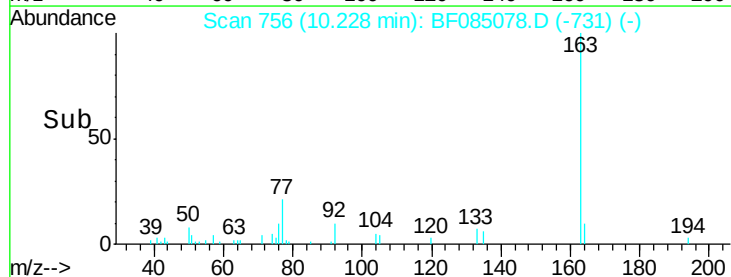
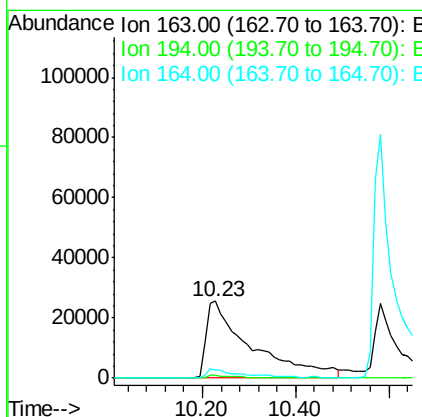
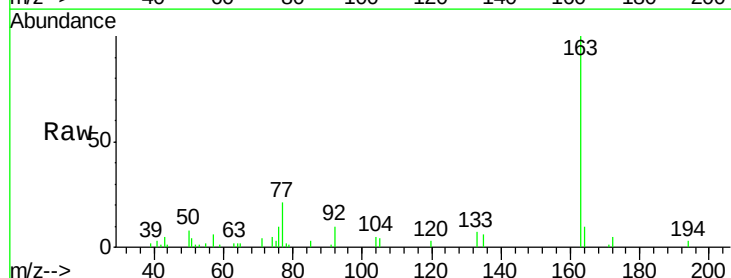
Instrument :
BNA_F
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SUP-B019(9-11)

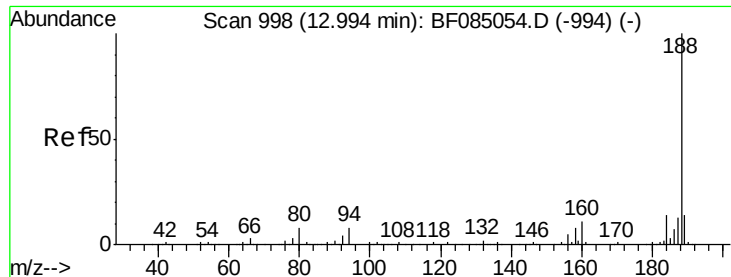
Tgt Ion:172 Resp: 1308429
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.0 19.6 29.4



#49
Dimethylphthalate
Concen: 8.32 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Tgt Ion:163 Resp: 171514
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.9 7.8 11.8

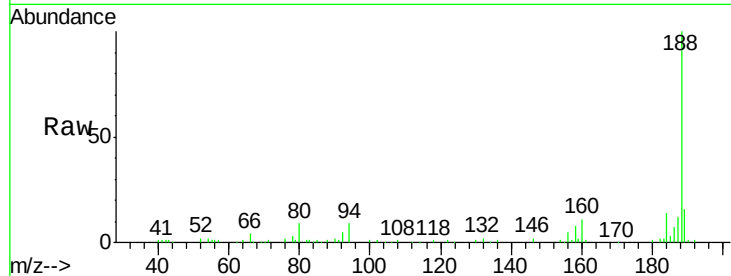




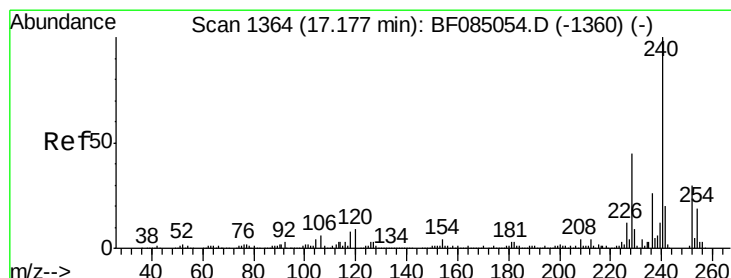
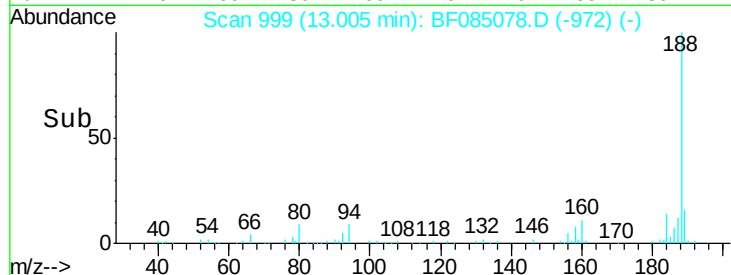
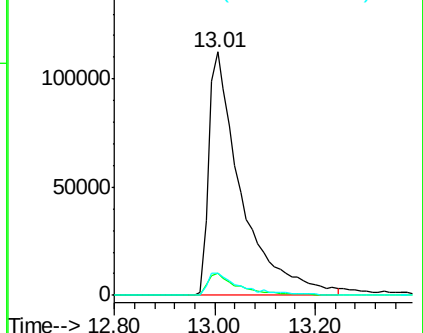
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.01 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Instrument :
BNA_F
ClientSampleId :
SUP-B019(9-11)

Tgt Ion:188 Resp: 505242
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 8.9 6.6 9.8

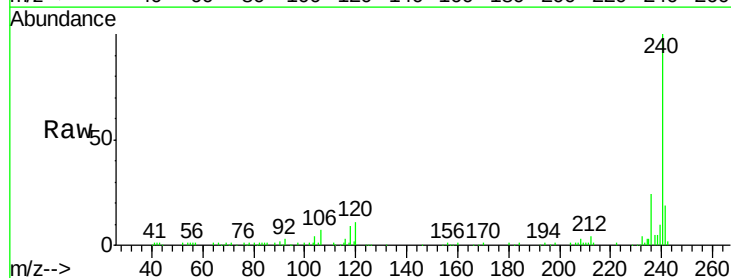


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

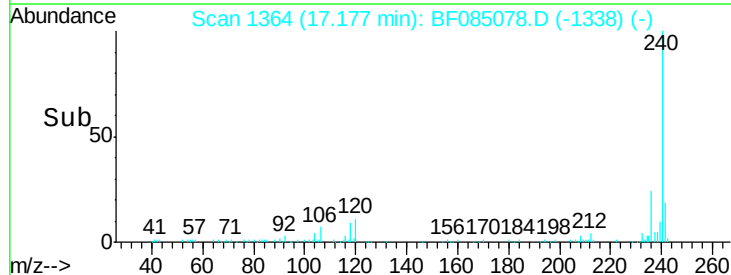
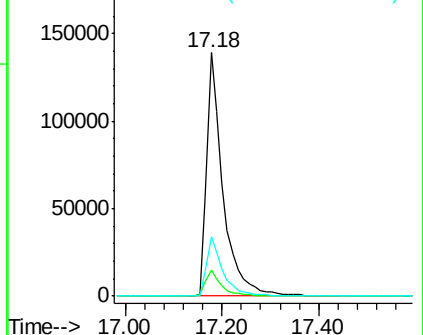


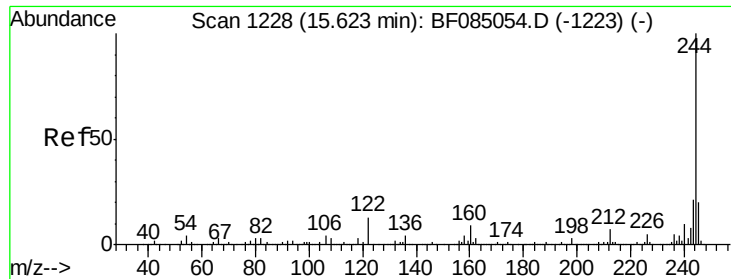
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF085078.D
Acq: 13 Feb 2016 11:27

Tgt Ion:240 Resp: 329647
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 24.3 20.5 30.7



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

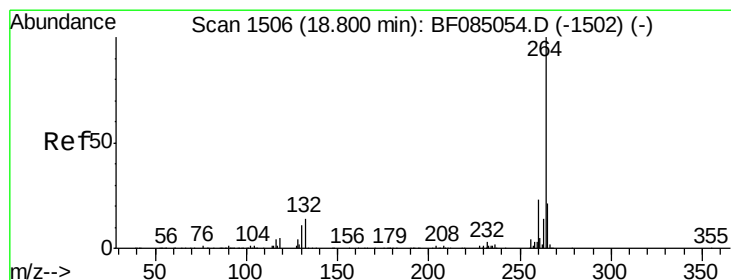
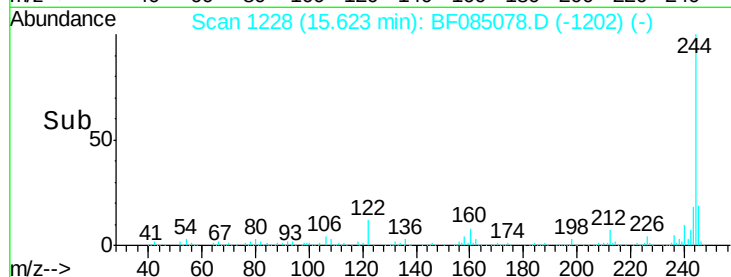
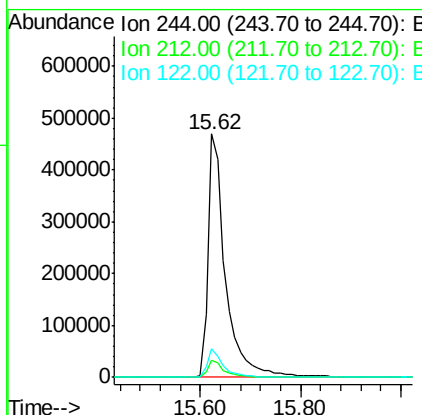
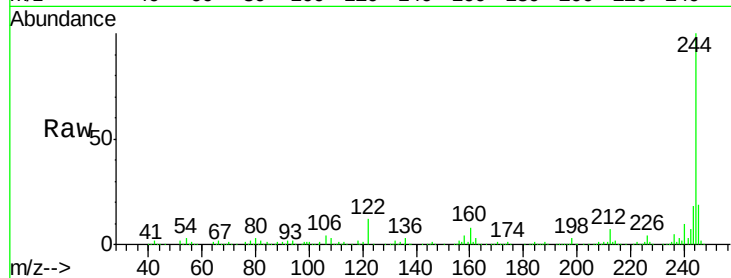




#78
 Terphenyl-d14
 Concen: 70.45 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(9-11)

Tgt Ion:244 Resp: 1128419
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.8 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085078.D
 Acq: 13 Feb 2016 11:27

Tgt Ion:264 Resp: 264968
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 20.9 16.7 25.1

