

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
 Data File : BF086083.D
 Acq On : 5 Apr 2016 19:36
 Operator : UM/SJ
 Sample : H2149-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 51-35-REEDER-DISCHARGE

Quant Time: Apr 06 01:06:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

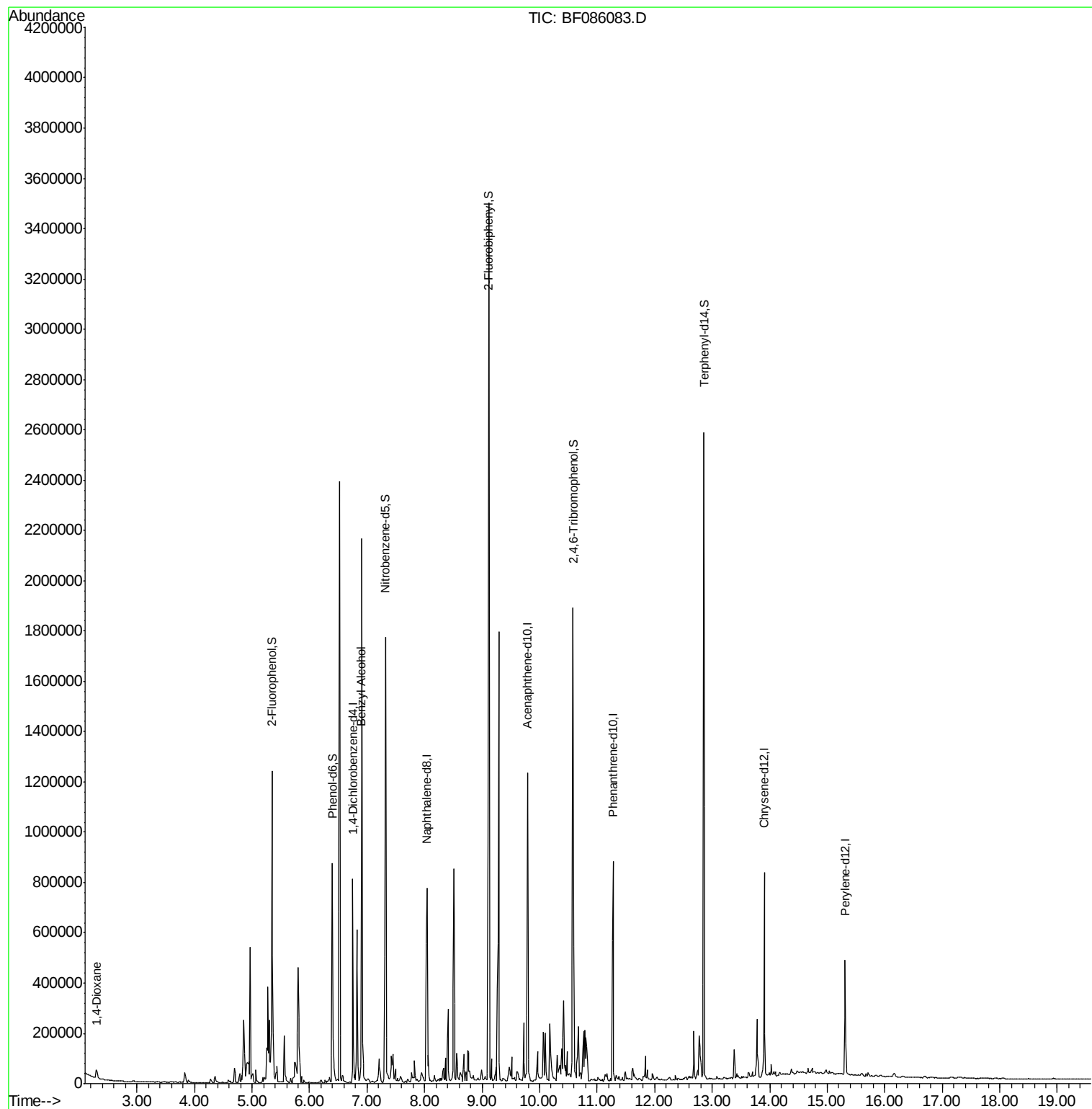
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120107	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	473335	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	222953	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	397336	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	261510	20.00	ng	-0.02
86) Perylene-d12	15.31	264	204703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	405384	57.69	ng	-0.02
7) Phenol-d6	6.40	99	345139	38.67	ng	-0.02
23) Nitrobenzene-d5	7.32	82	616981	76.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	232906	111.30	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1058868	78.97	ng	-0.02
78) Terphenyl-d14	12.85	244	930202	83.61	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.29	88	21635	6.49	ng	92
15) Benzyl Alcohol	6.90	79	97935	16.96	ng	93

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

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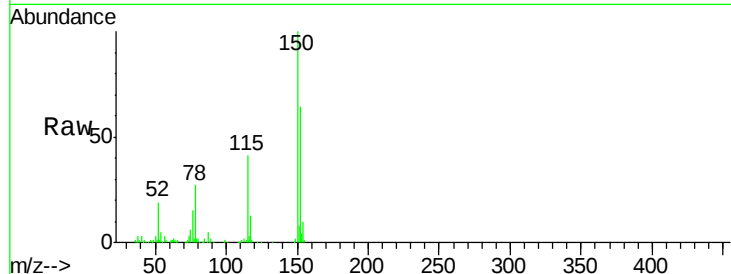


#1

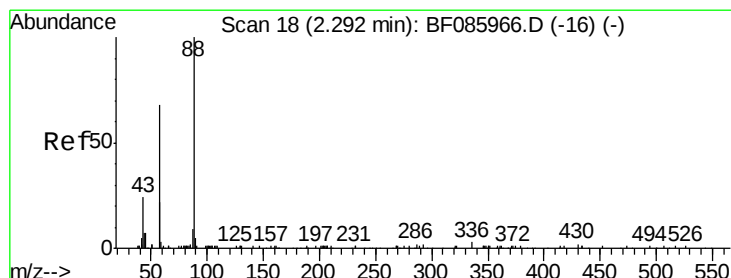
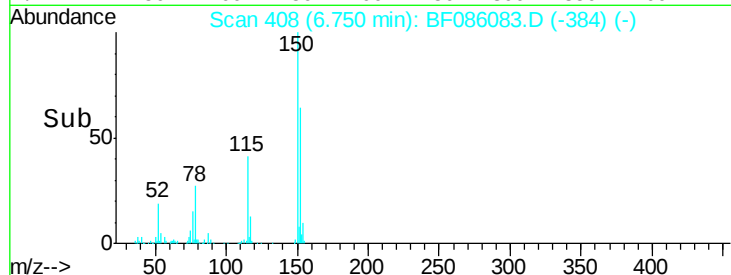
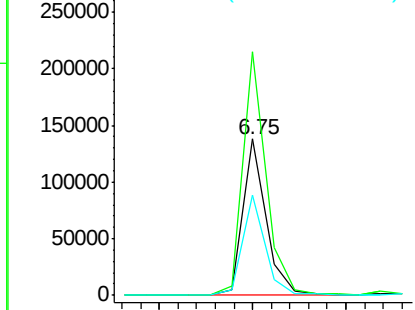
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tot Ion	152	Resp	120107
Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	64.3	47.0	70.6



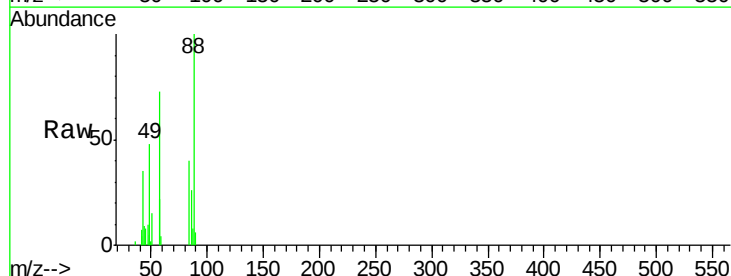
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



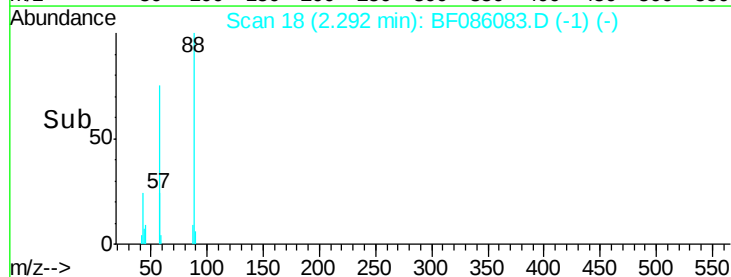
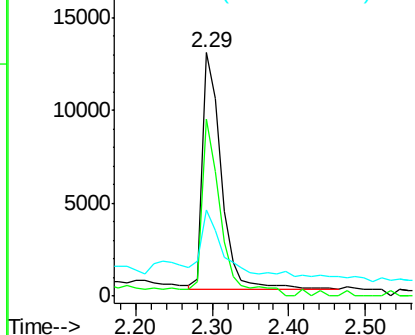
#2

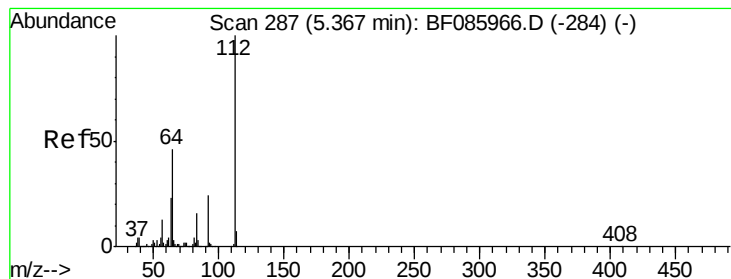
1,4-Dioxane
Concen: 6.49 ng
RT: 2.29 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion	88	Resp	21635
Ion	Ratio	Lower	Upper
88	100		
58	75.3	54.2	81.2
43	25.8	19.3	28.9



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: 57.69 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086083.D

Acq: 5 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

51-35-REEDER-DISCHARGE

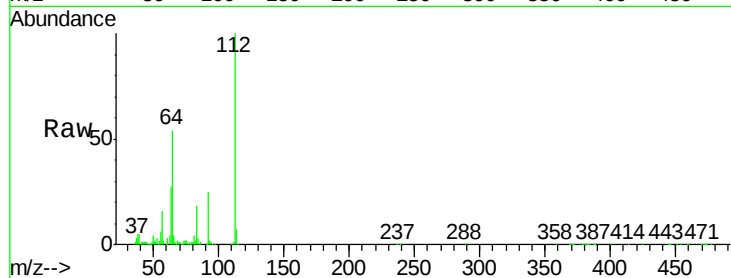
Tot Ion: 112 Resp: 405384

Ion Ratio Lower Upper

112 100

64 53.5 39.9 59.9

63 27.4 20.2 30.2



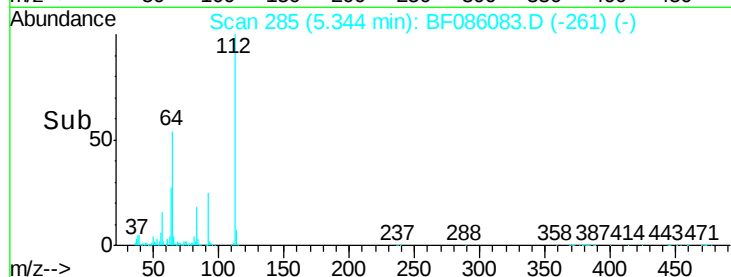
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

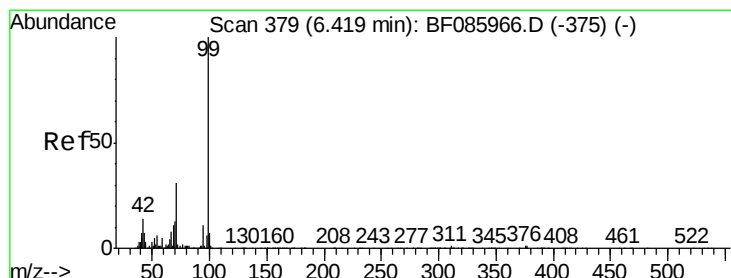
Ion 63.00 (62.70 to 63.70): BF0

5.34

Time-->



Time-->



#7

Phenol-d6

Concen: 38.67 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086083.D

Acq: 5 Apr 2016 19:36

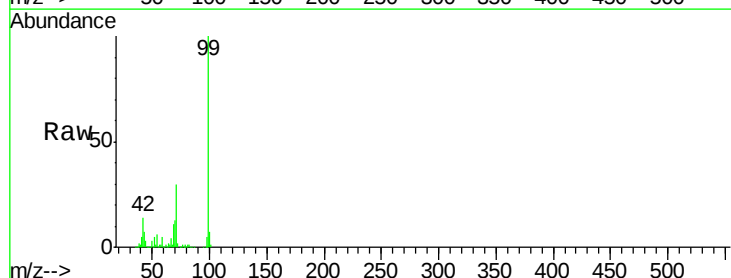
Tgt Ion: 99 Resp: 345139

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 30.0 24.9 37.3



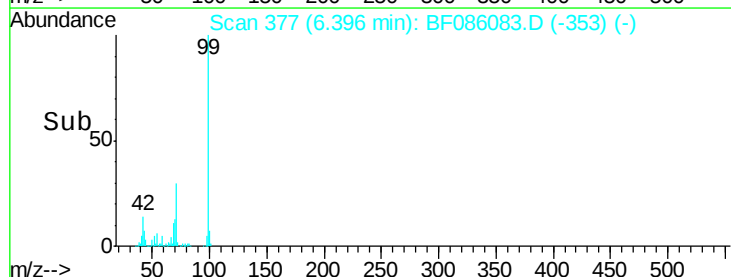
Abundance Ion 99.00 (98.70 to 99.70): BF0

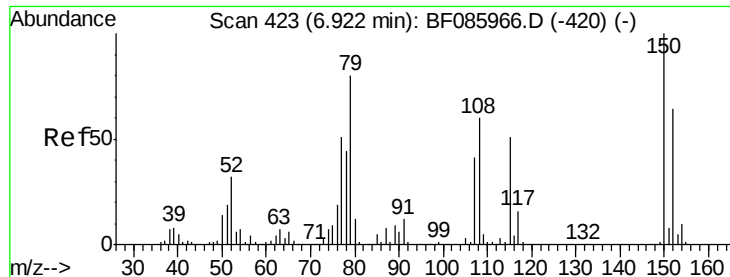
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.40

Time-->

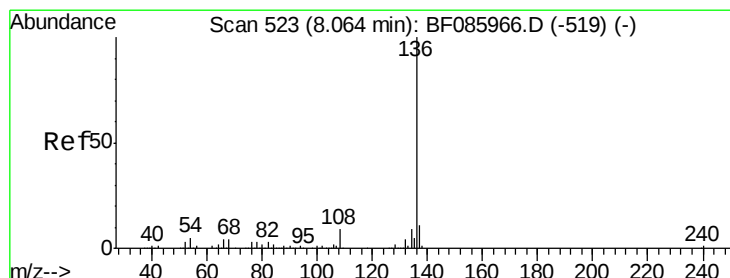
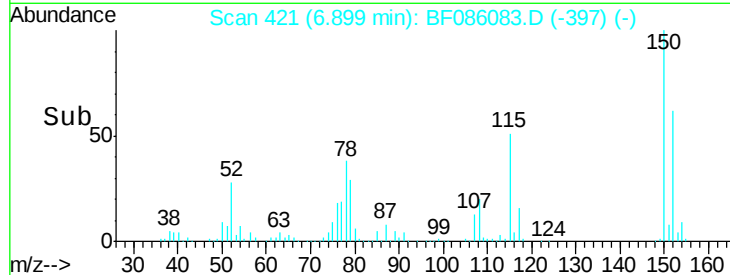
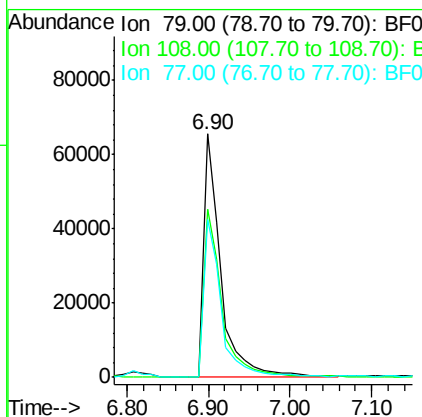
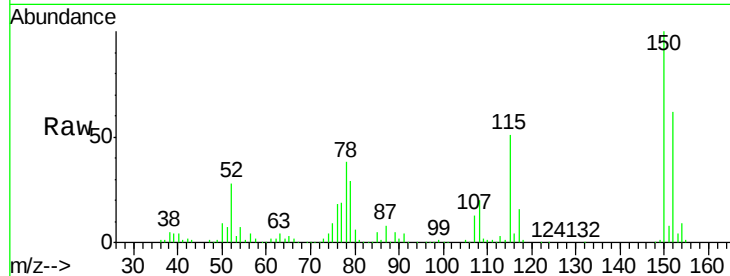




#15
Benzyl Alcohol
Concen: 16.96 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

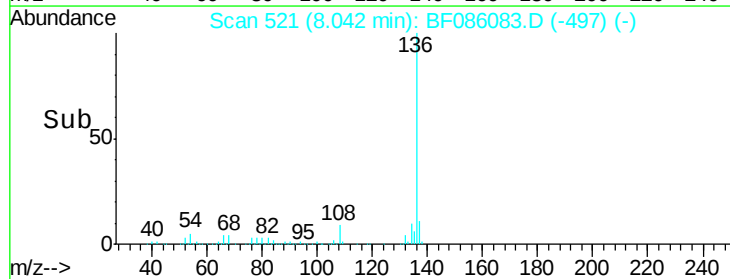
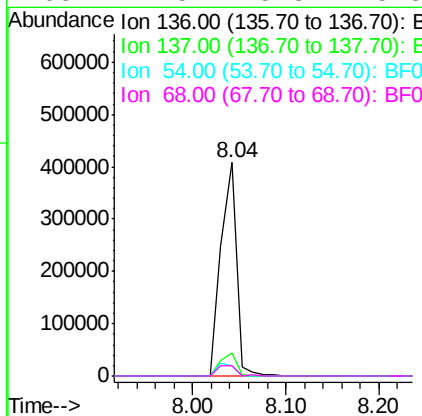
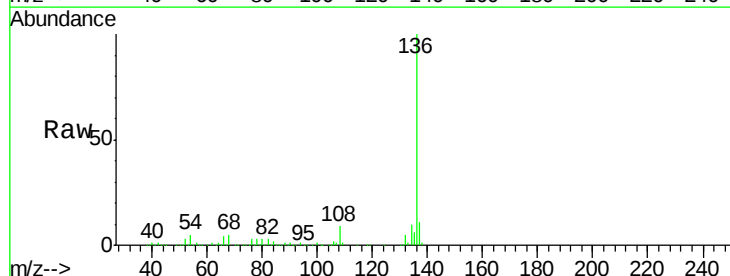
Instrument :
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ClientSampleId :
51-35-REEDER-DISCHARGE

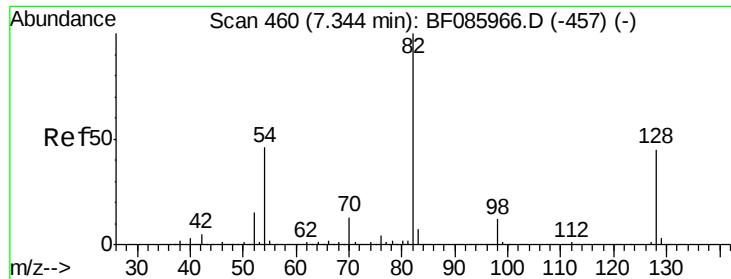
Tot Ion: 79 Resp: 97935
Ion Ratio Lower Upper
79 100
108 69.3 61.8 92.6
77 64.6 49.6 74.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion: 136 Resp: 473335
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.0 7.4 11.0#
68 4.5 5.8 8.8#

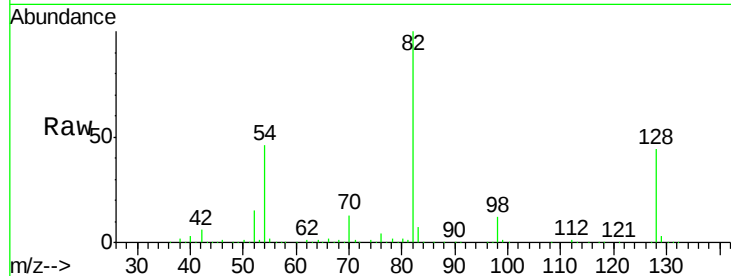




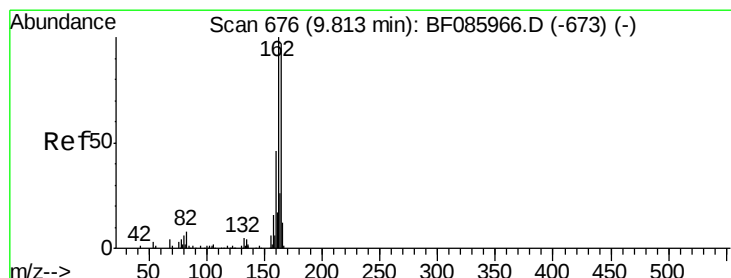
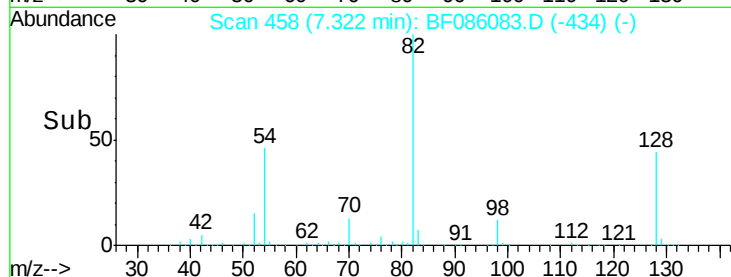
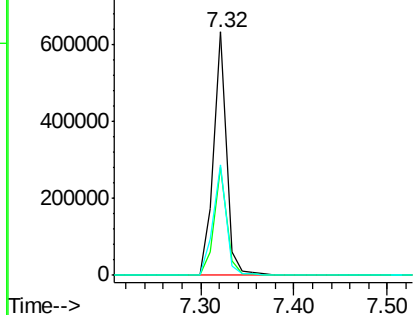
#23
 Nitrobenzene-d5
 Concen: 76.87 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF086083.D
 Acq: 5 Apr 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 51-35-REEDER-DISCHARGE

Tot Ion: 82 Resp: 616981
 Ion Ratio Lower Upper
 82 100
 128 44.4 41.8 62.8
 54 45.6 33.4 50.0

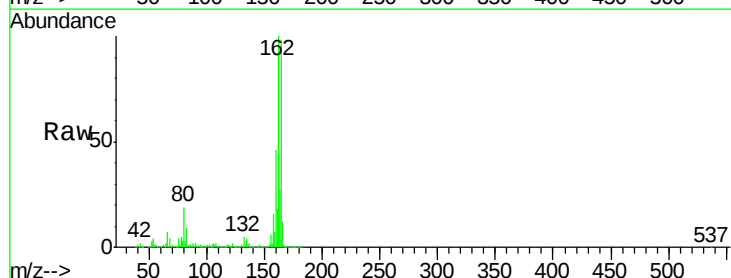


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

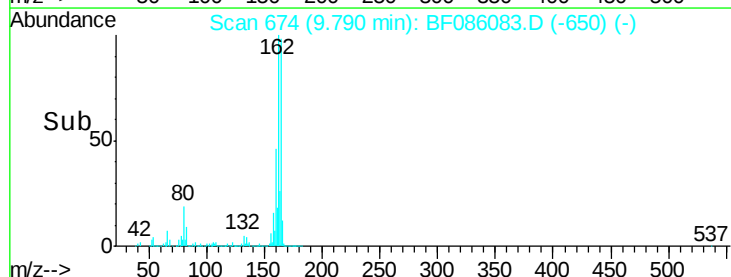
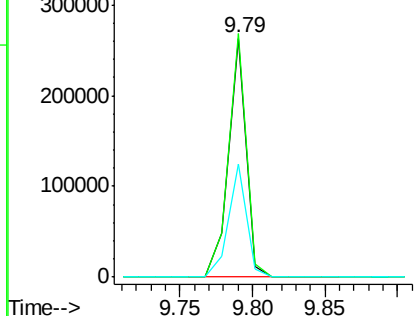


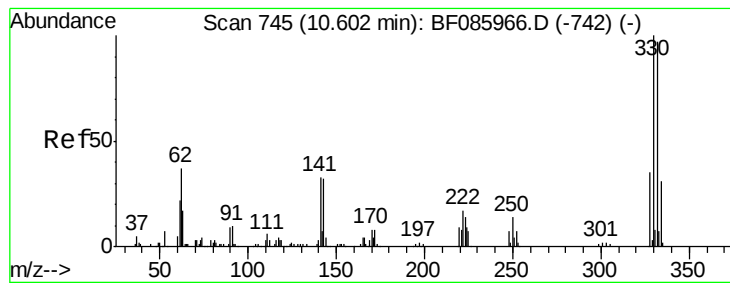
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF086083.D
 Acq: 5 Apr 2016 19:36

Tgt Ion:164 Resp: 222953
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 47.4 37.4 56.2



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: 111.30 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF086083.D

Acq: 5 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

51-35-REEDER-DISCHARGE

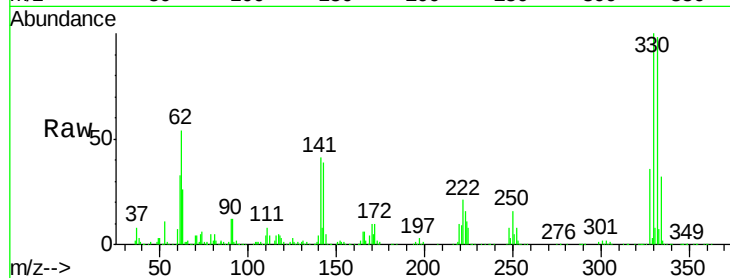
Tot Ion:330 Resp: 232906

Ion Ratio Lower Upper

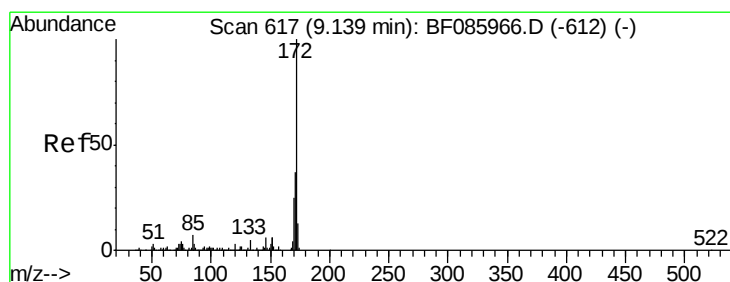
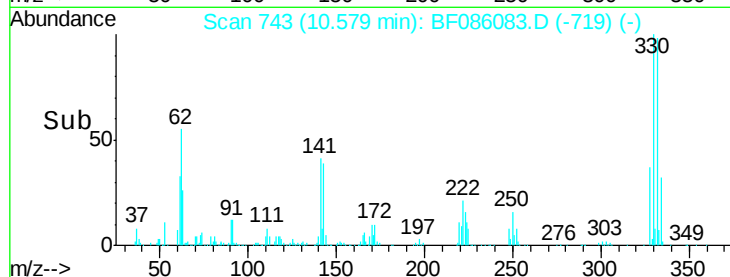
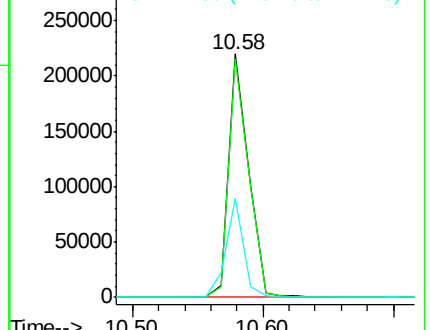
330 100

332 98.3 78.2 117.2

141 36.6 31.5 47.3



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: 78.97 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF086083.D

Acq: 5 Apr 2016 19:36

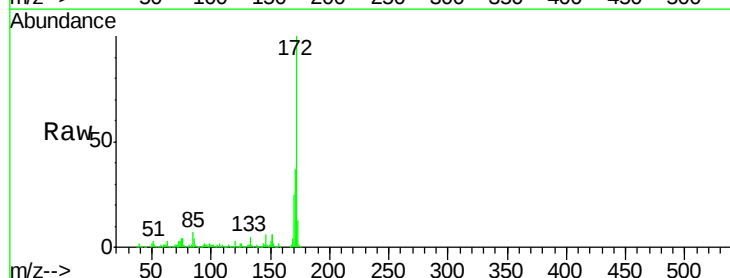
Tgt Ion:172 Resp: 1058868

Ion Ratio Lower Upper

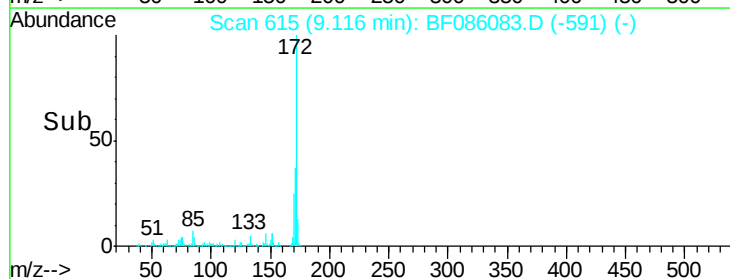
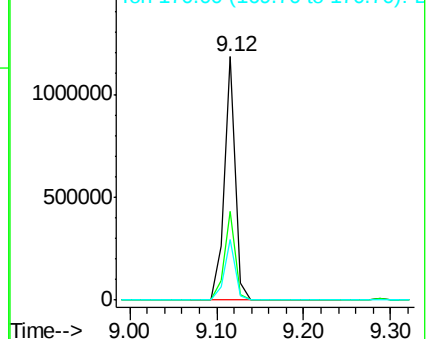
172 100

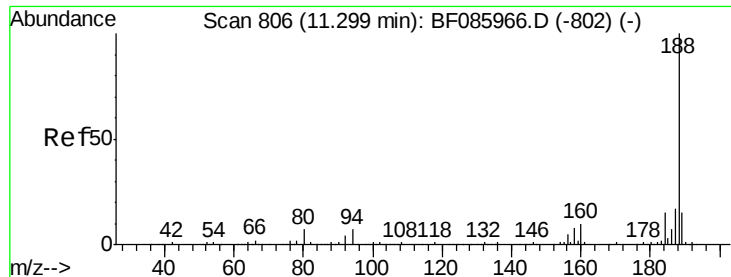
171 36.6 29.4 44.2

170 24.9 19.8 29.6



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

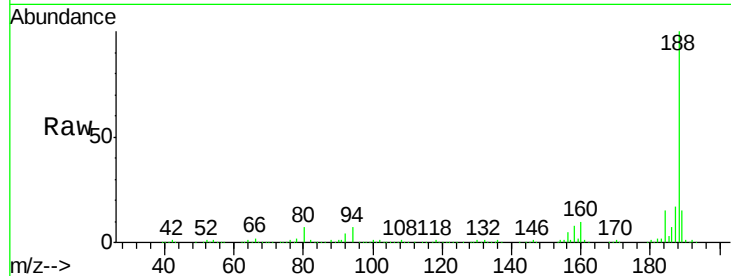




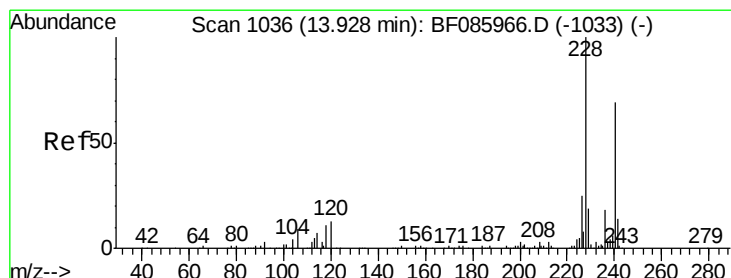
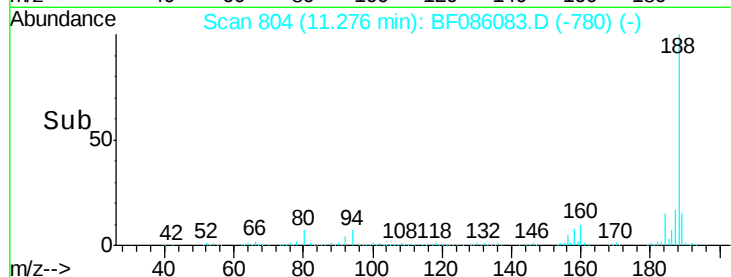
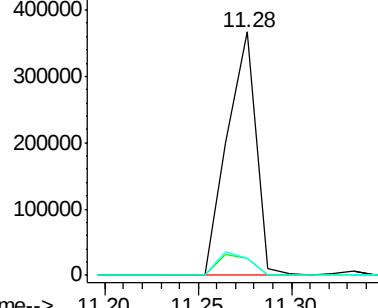
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tot Ion:188 Resp: 397336
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.0 5.5 8.3

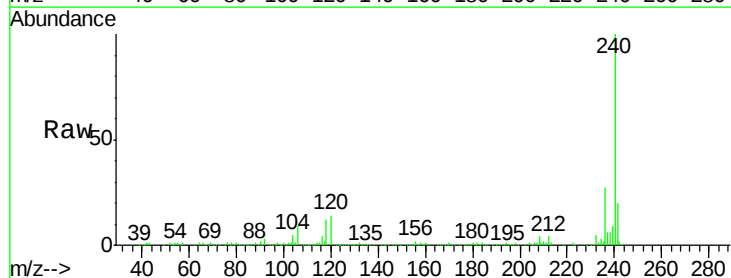


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

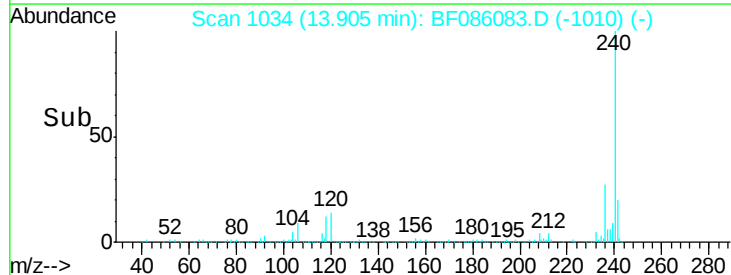
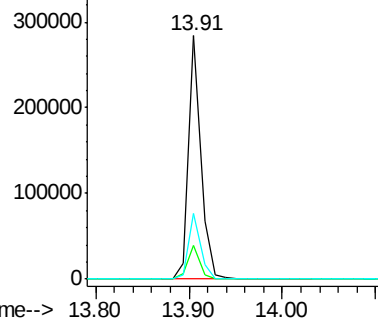


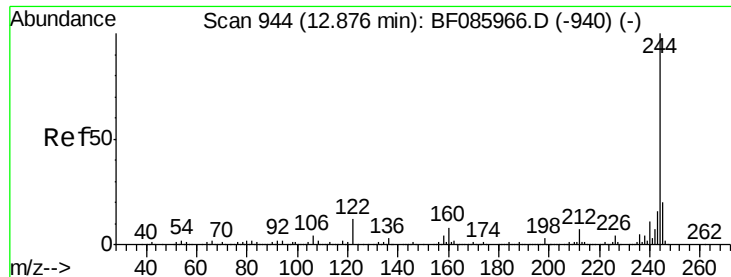
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion:240 Resp: 261510
Ion Ratio Lower Upper
240 100
120 14.0 13.8 20.8
236 27.2 20.6 30.8



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

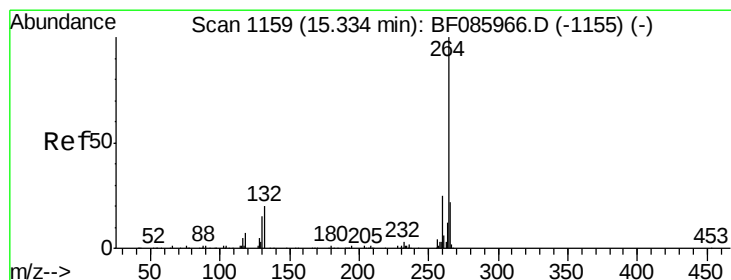
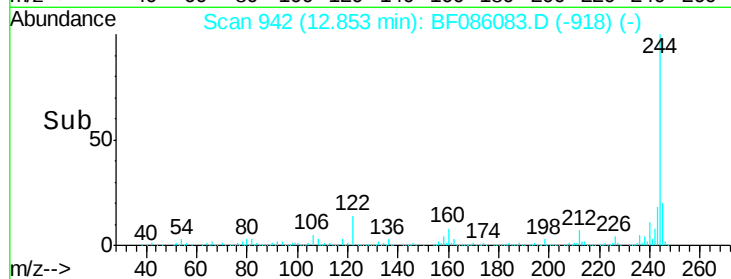
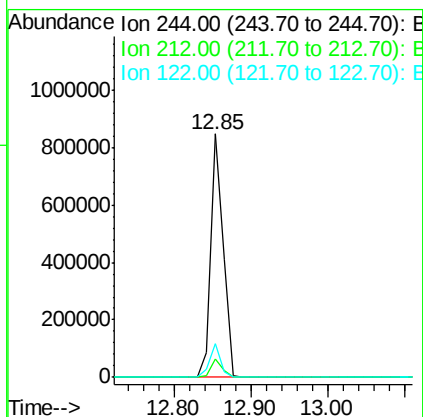
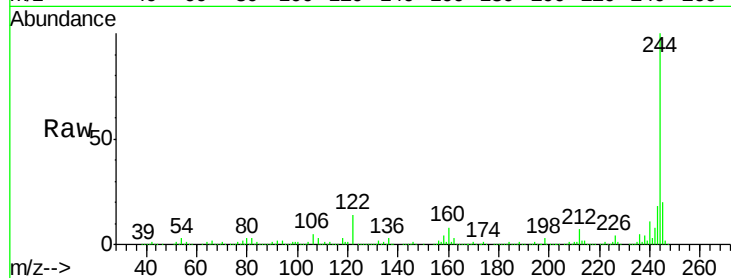




#78
 Terphenyl-d14
 Concen: 83.61 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF086083.D
 Acq: 5 Apr 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 51-35-REEDER-DISCHARGE

Tot Ion:244 Resp: 930202
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 14.0 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF086083.D
 Acq: 5 Apr 2016 19:36

Tgt Ion:264 Resp: 204703
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.6 17.2 25.8

