

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084856.D
 Acq On : 5 Feb 2016 13:36
 Operator : SJ/IZ
 Sample : H1320-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

Quant Time: Feb 05 22:20:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

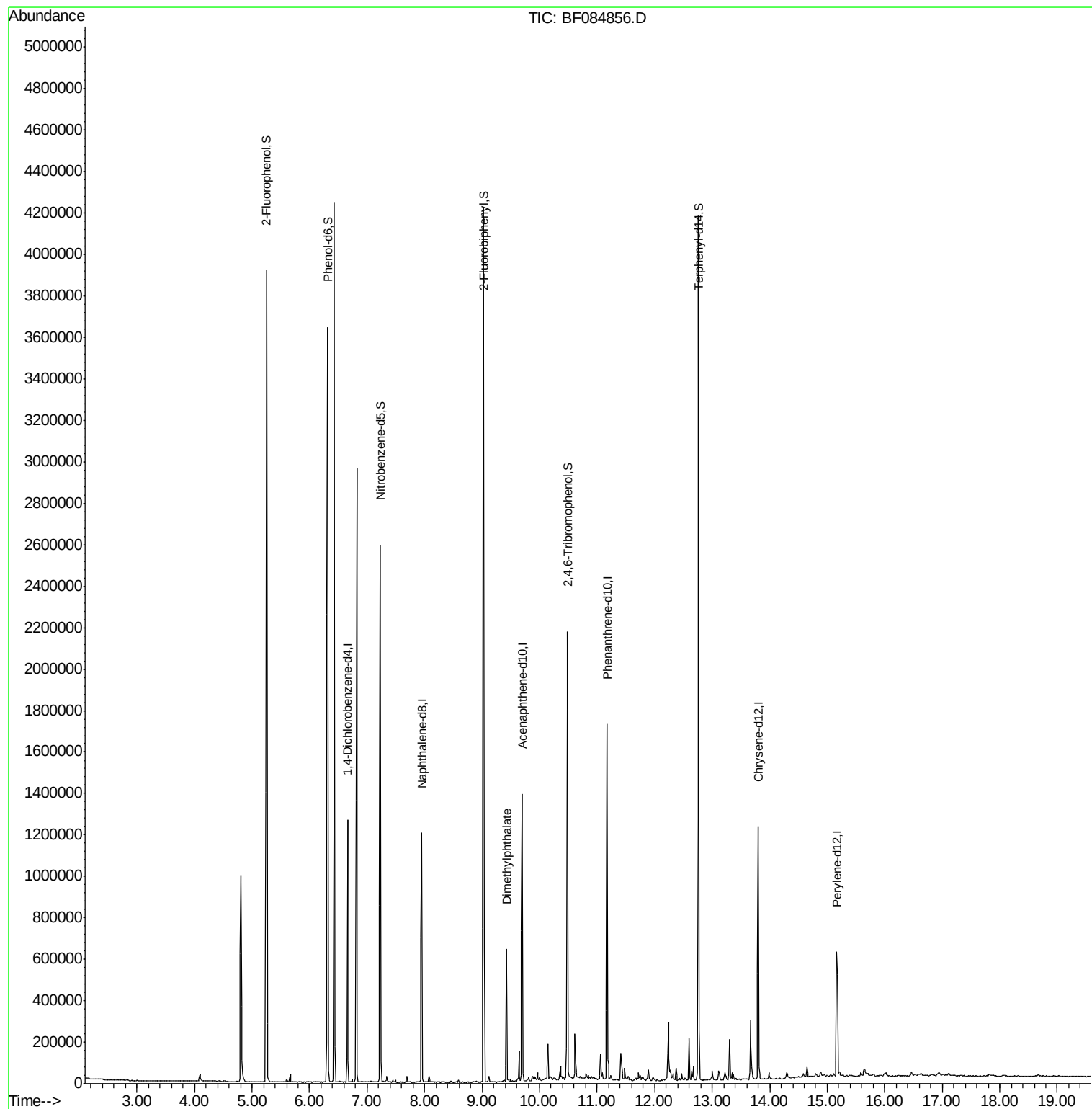
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166199	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	665306	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	319297	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	579684	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	448757	20.00	ng	-0.03
86) Perylene-d12	15.16	264	313554	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1063132	99.64	ng	-0.02
7) Phenol-d6	6.32	99	1478196	111.75	ng	-0.02
23) Nitrobenzene-d5	7.23	82	821685	69.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	379606	113.98	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1264214	60.68	ng	-0.03
78) Terphenyl-d14	12.76	244	1261248	63.69	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	229052	9.42	ng	Qvalue # 90

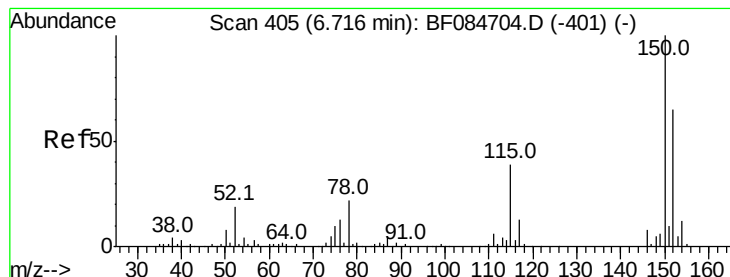
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084856.D

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Instrument :

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S4-B019(20-22)

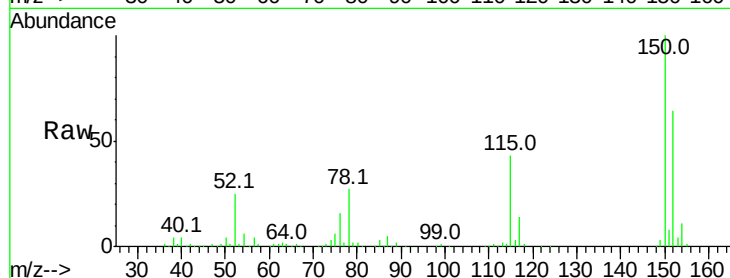
Tot Ion:152 Resp: 166199

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

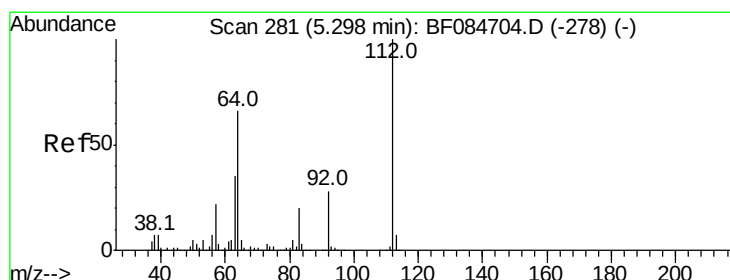
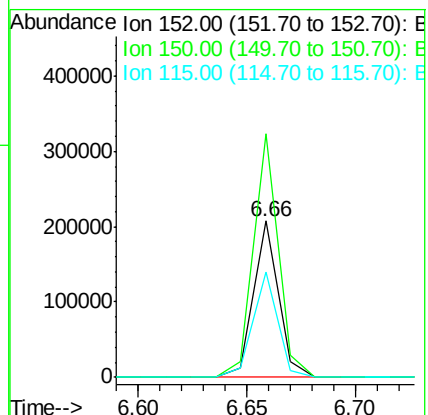
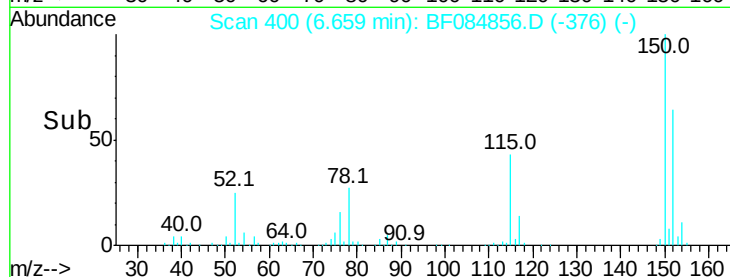
115 67.3 51.4 77.2



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: 99.64 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

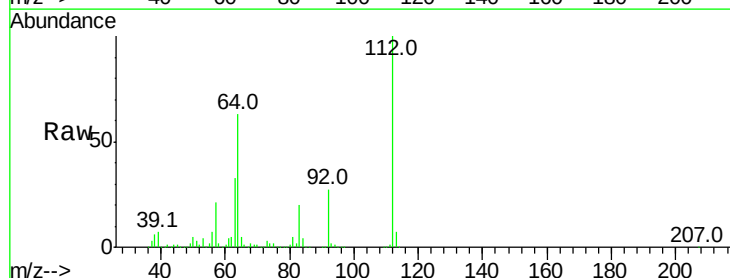
Tgt Ion:112 Resp: 1063132

Ion Ratio Lower Upper

112 100

64 63.0 36.6 55.0#

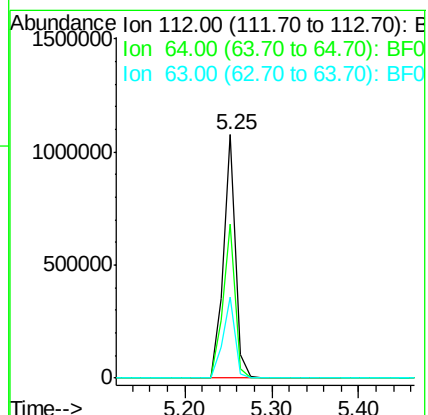
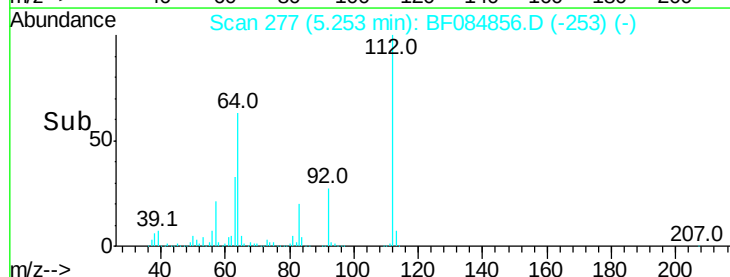
63 33.4 19.4 29.0#

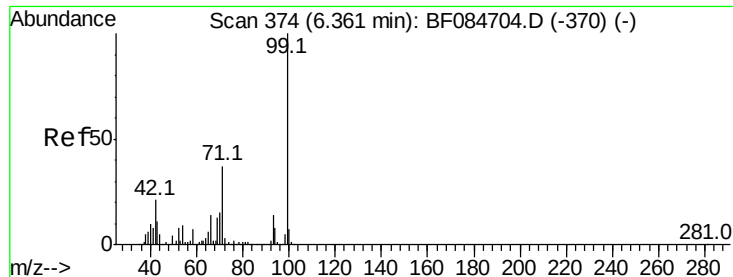


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.75 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Instrument :

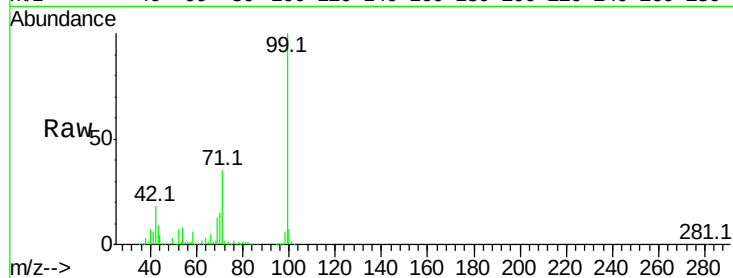
BNA_F

ClientSampleId :

S4-B019(20-22)

Tot Ion: 99 Resp: 1478196

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.8	19.2
71	34.9	30.9	46.3

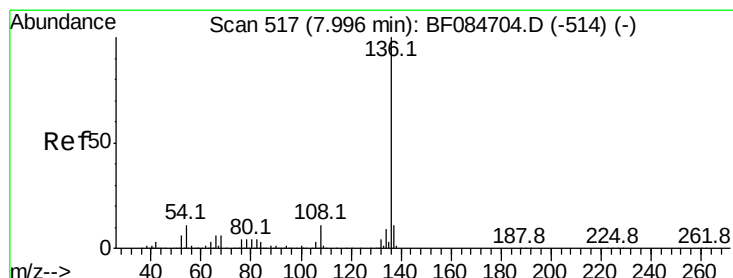
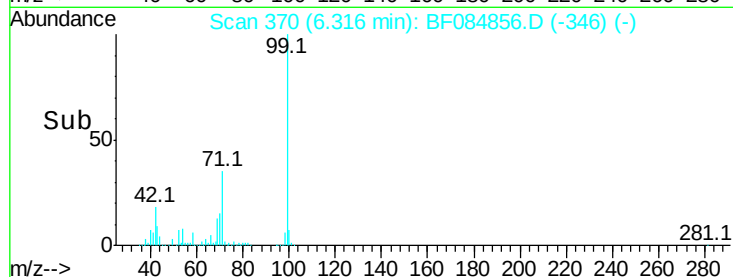
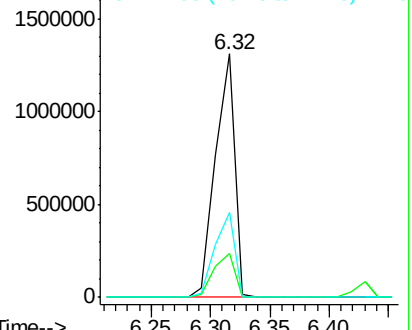


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

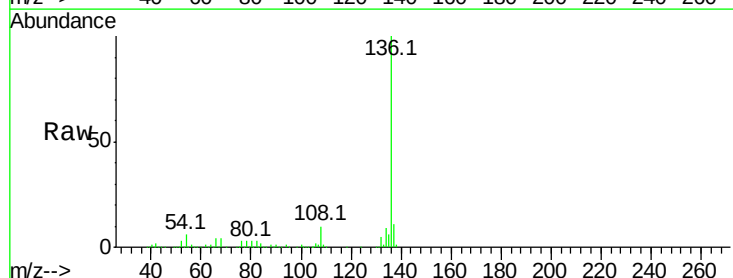
Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Tgt Ion: 136 Resp: 665306

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	5.8	8.8
68	4.0	4.2	6.2#



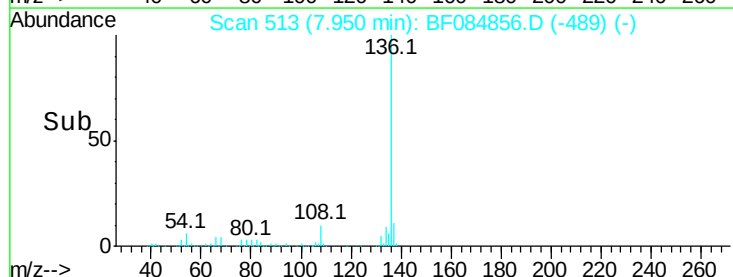
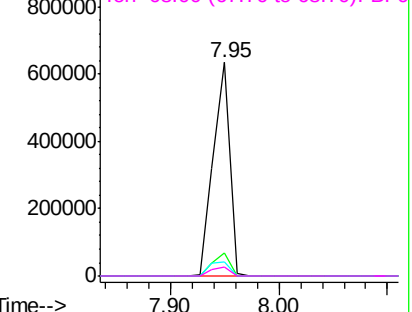
Abundance

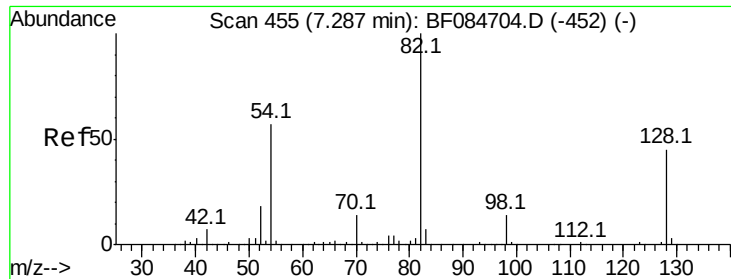
Ion 136.00 (135.70 to 136.70): E

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

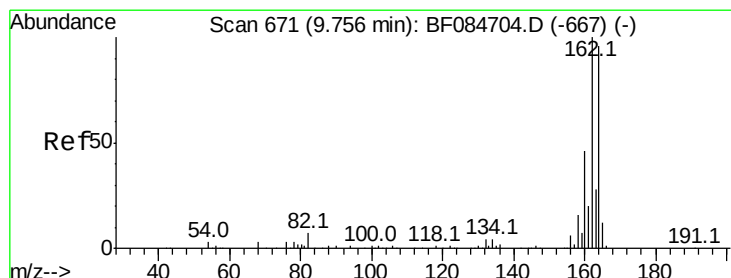
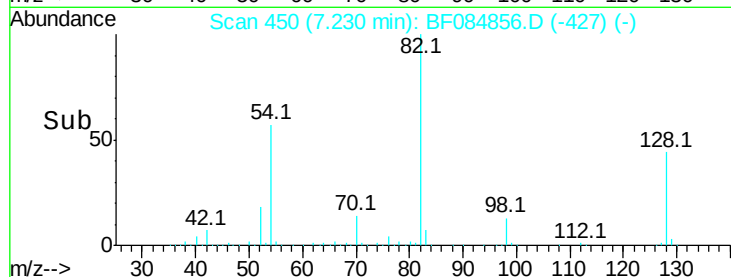
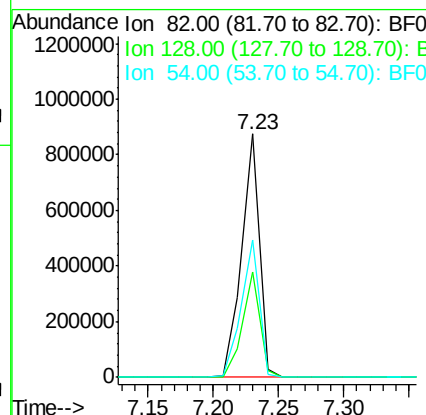
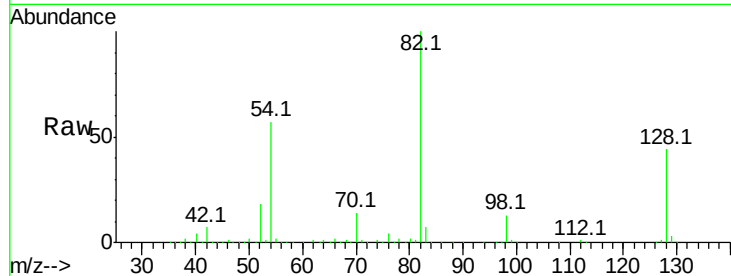




#23
 Nitrobenzene-d5
 Concen: 69.57 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

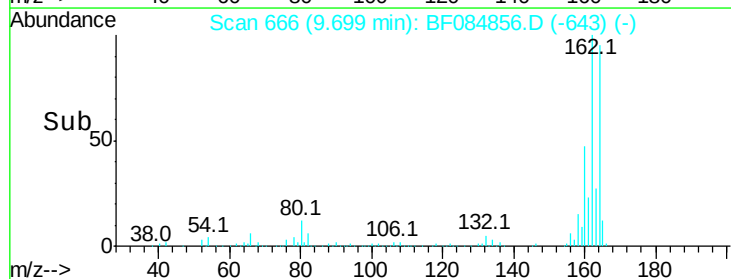
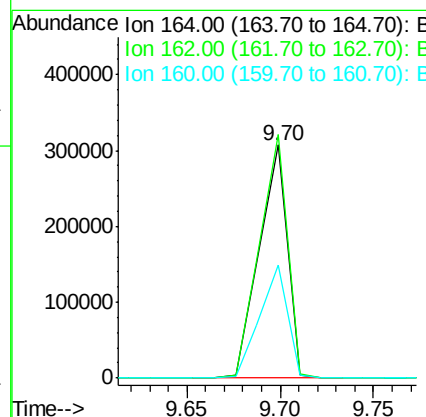
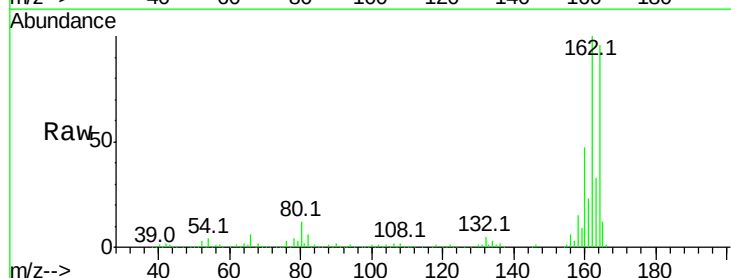
Instrument :
 BNA_F
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 S4-B019(20-22)

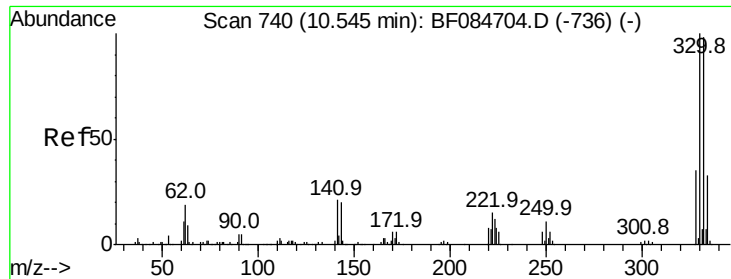
Tot Ion	82	Resp	821685
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	56.5		
	38.4		
	57.6		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Tgt Ion	164	Resp	319297
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	104.5		
160	48.6		
	37.5		
	56.3		

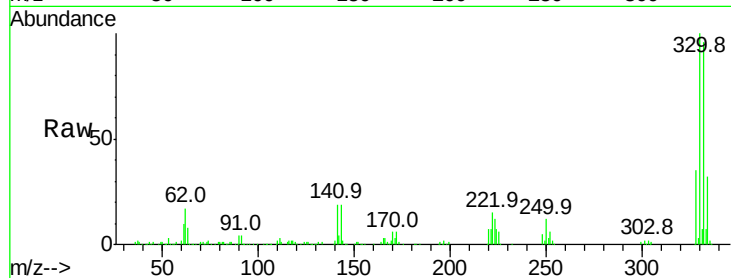




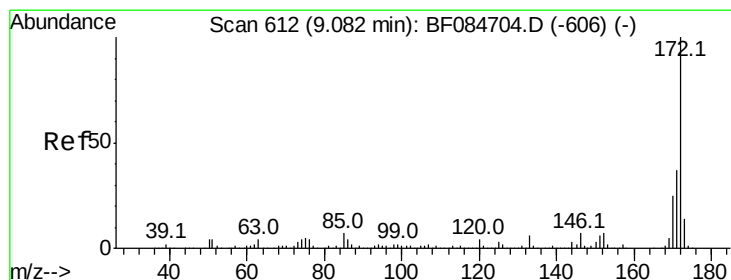
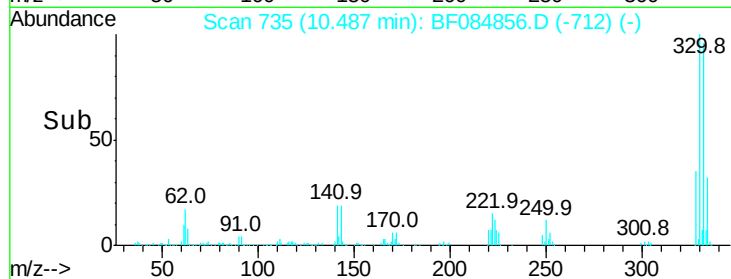
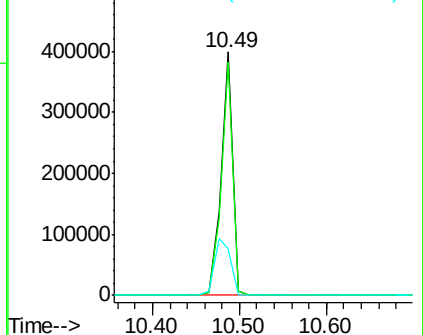
#41
 2,4,6-Tribromophenol
 Concen: 113.98 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	32.8	27.8	41.6

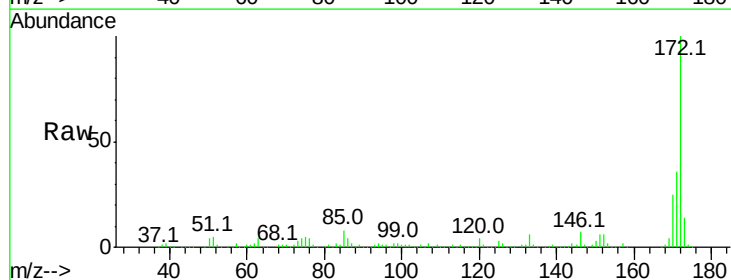


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

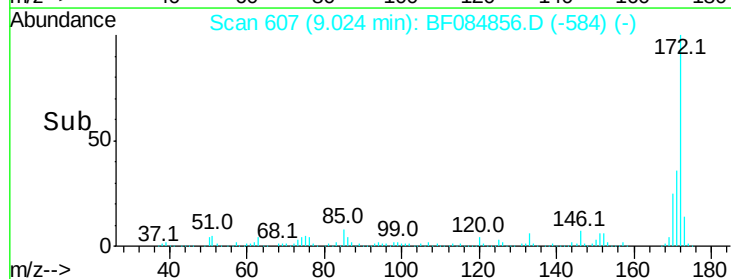
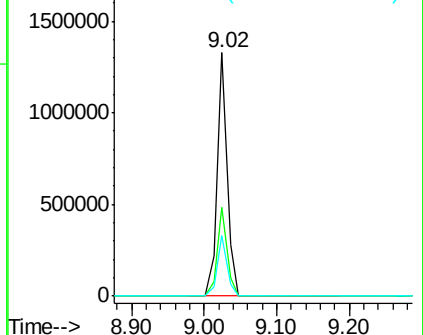


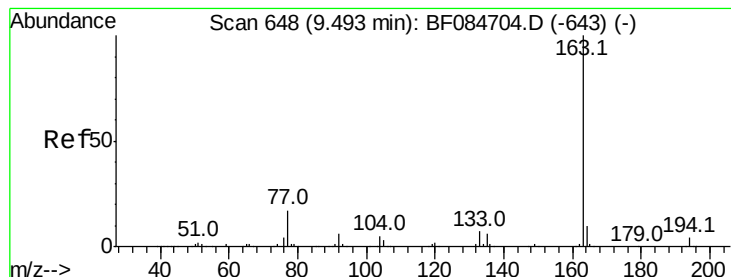
#44
 2-Fluorobiphenyl
 Concen: 60.68 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.8	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: 9.42 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Instrument :

BNA_F

ClientSampleId :

S4-B019(20-22)

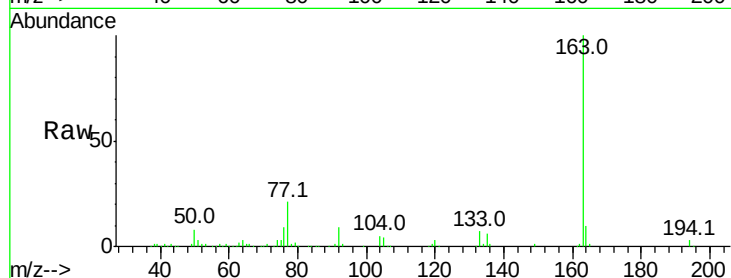
Tot Ion:163 Resp: 229052

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

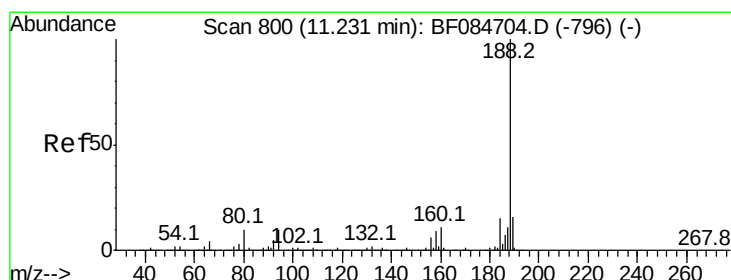
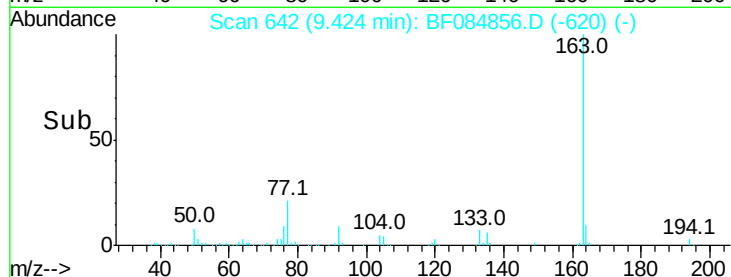
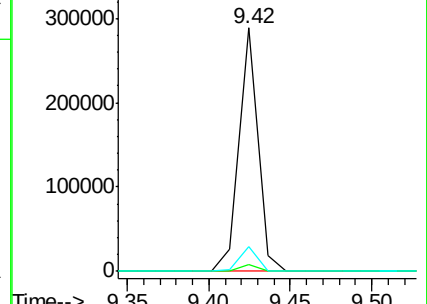
164 10.0 8.0 12.0



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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

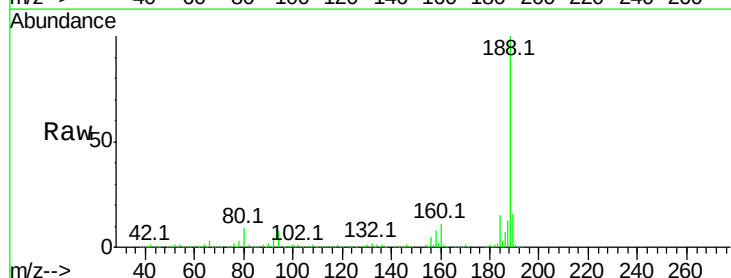
Tgt Ion:188 Resp: 579684

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

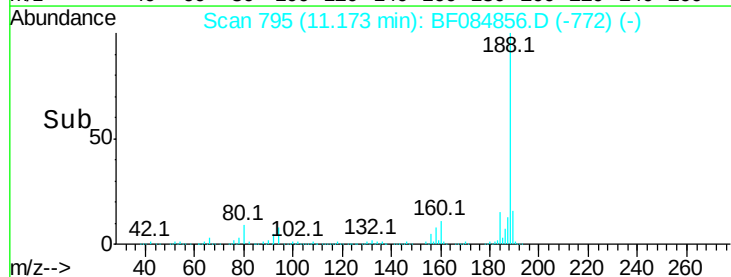
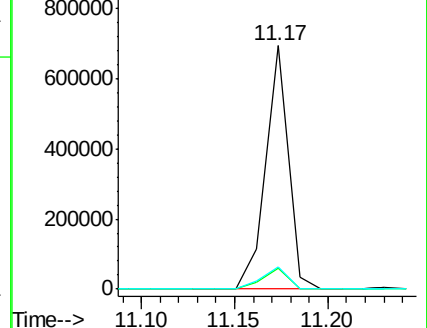
80 8.9 9.6 14.4#

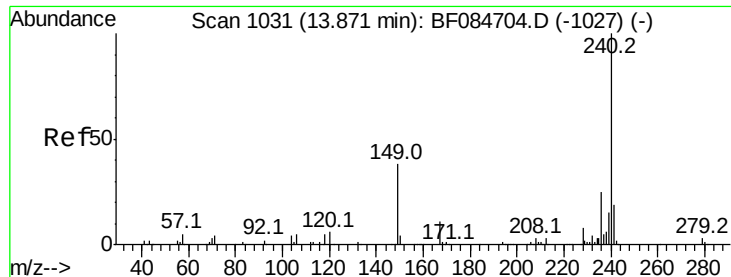


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Instrument :

BNA_F

ClientSampleId :

S4-B019(20-22)

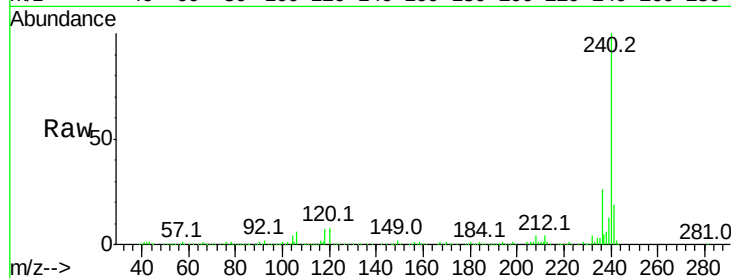
Tot Ion:240 Resp: 448757

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

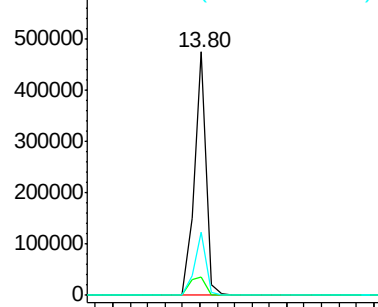
236 25.7 20.6 31.0



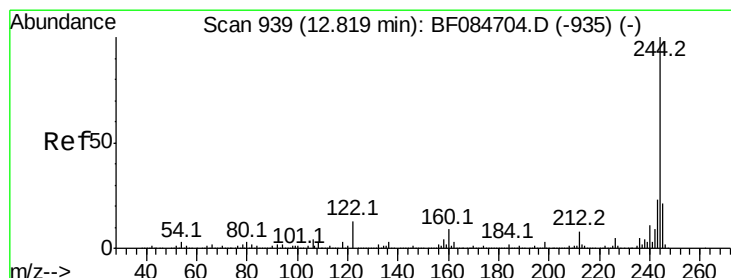
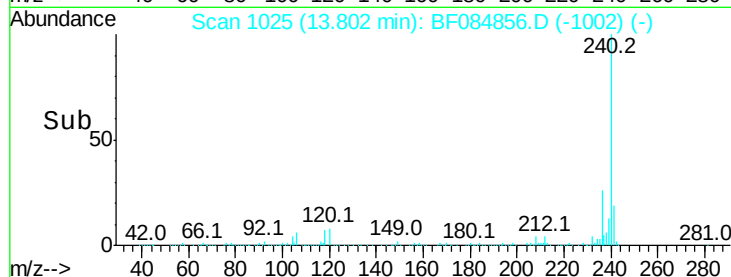
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90



#78

Terphenyl-d14

Concen: 63.69 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

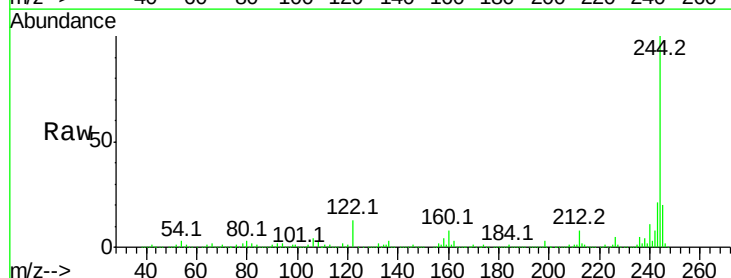
Tgt Ion:244 Resp: 1261248

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

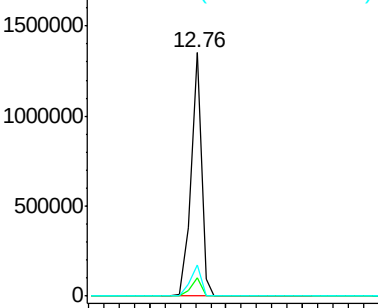
122 12.5 7.4 11.0#



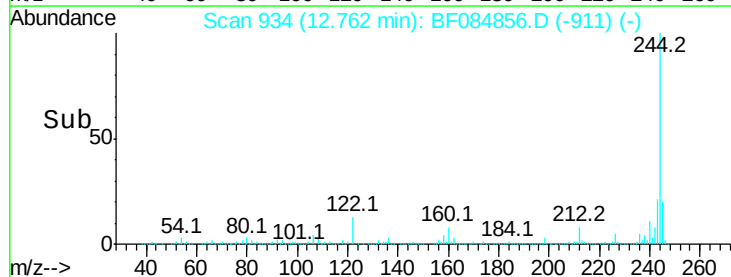
Abundance Ion 244.00 (243.70 to 244.70): E

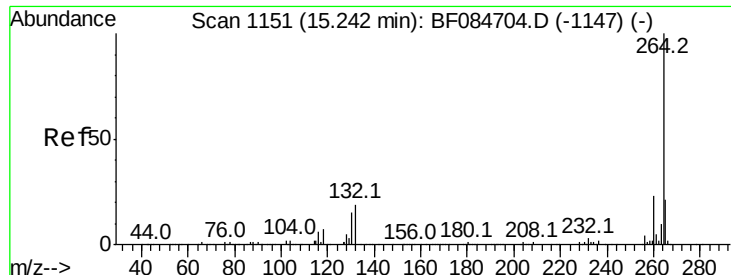
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.70 12.80 12.90



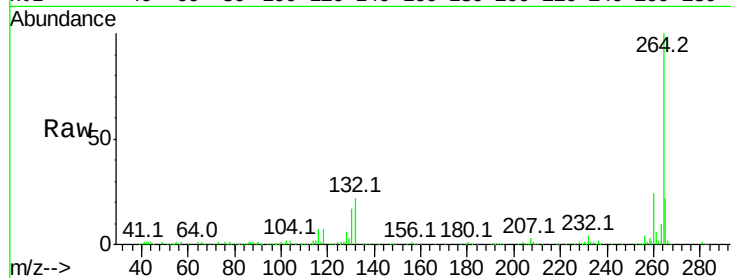


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084856.D
Acq: 5 Feb 2016 13:36

Instrument :
BNA_F
ClientSampleId :
S4-B019(20-22)

Tot Ion:264 Resp: 313554

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.9	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

