

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084719.D
 Acq On : 1 Feb 2016 19:53
 Operator : SJ/IZ
 Sample : PB88019BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BL

Quant Time: Feb 02 01:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161124	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	700175	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	314224	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	644135	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	523292	20.00	ng	-0.01
86) Perylene-d12	15.24	264	372759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1143441	110.54	ng	0.00
7) Phenol-d6	6.36	99	1493611	116.47	ng	-0.01
23) Nitrobenzene-d5	7.28	82	841548	67.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	384471	117.30	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1739589	98.46	ng	-0.01
78) Terphenyl-d14	12.82	244	1750177	75.79	ng	-0.01

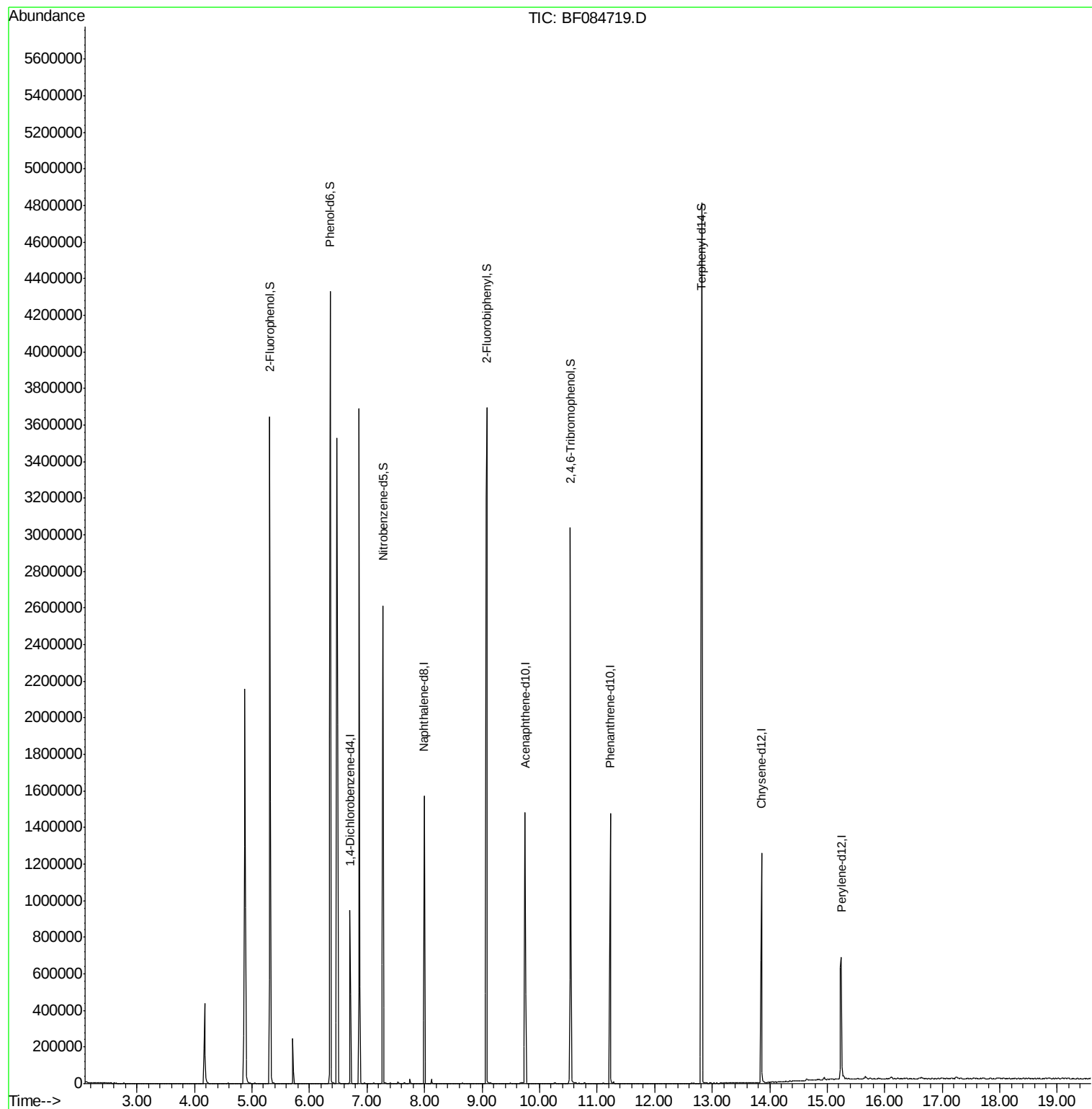
Target Compounds Qvalue

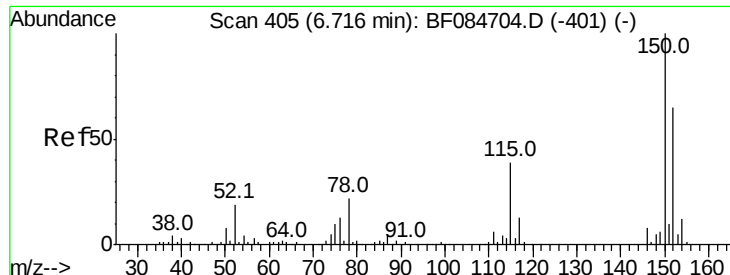
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampleId :

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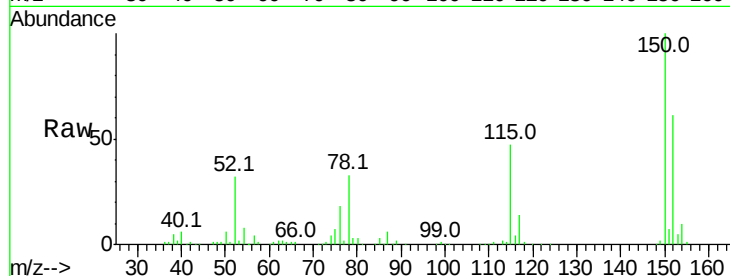
Tot Ion:152 Resp: 161124

Ion Ratio Lower Upper

152 100

150 163.4 123.0 184.4

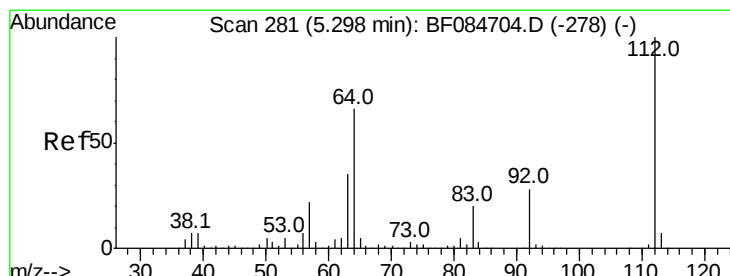
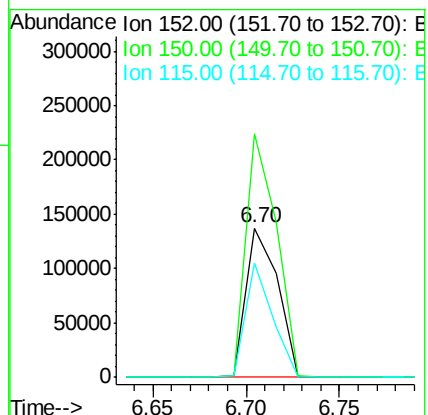
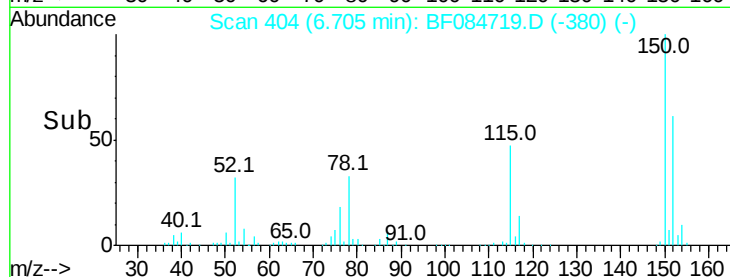
115 77.0 51.4 77.2



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: 110.54 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084719.D

Acq: 1 Feb 2016 19:53

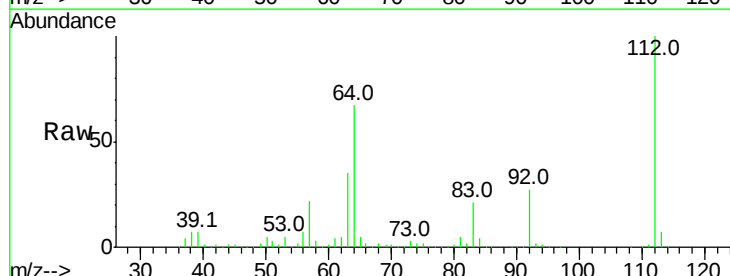
Tgt Ion:112 Resp: 1143441

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

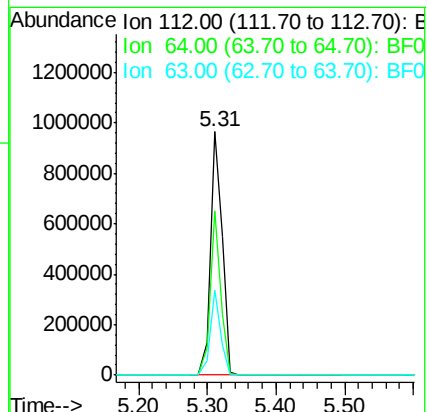
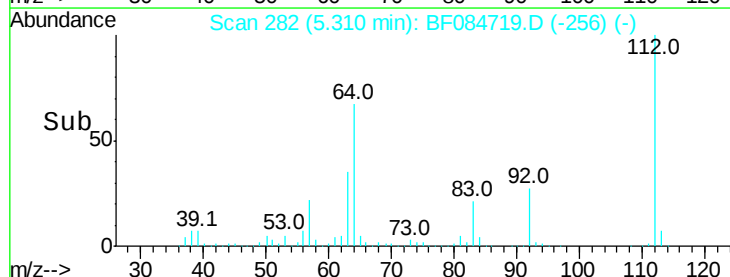
63 34.8 19.4 29.0#

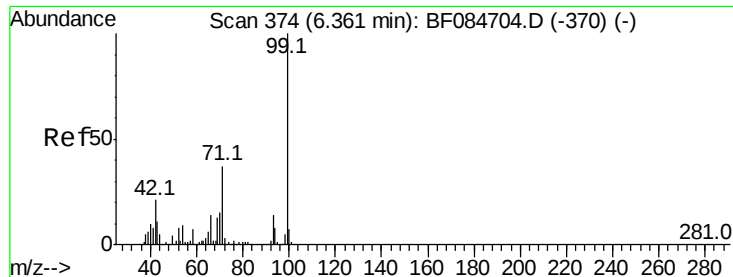


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.47 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084719.D

Acq: 1 Feb 2016 19:53

Instrument :

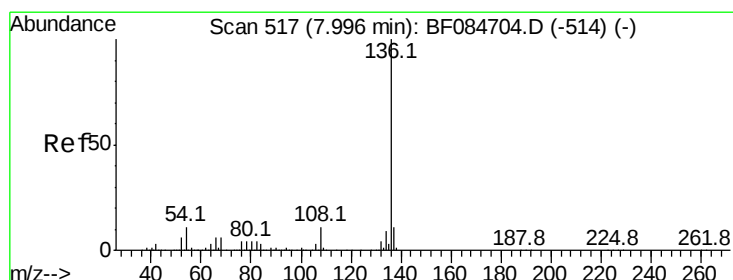
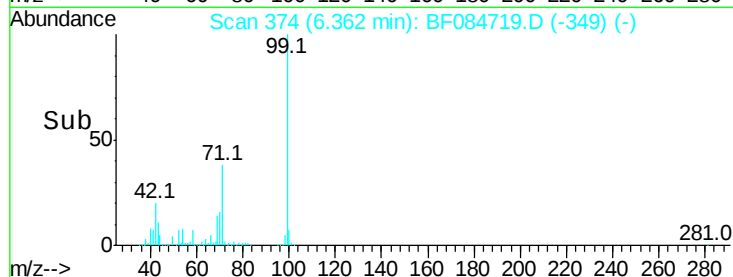
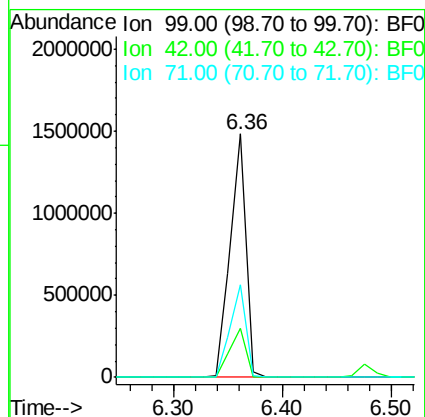
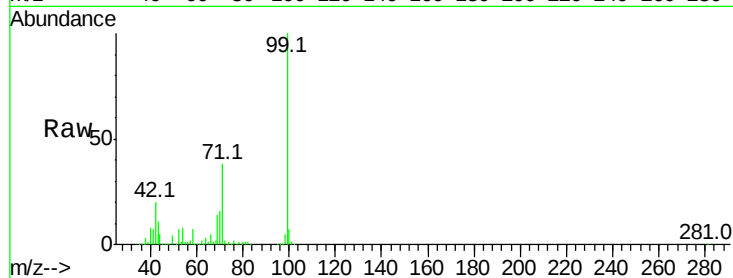
BNA_F

ClientSampleId :

PB88019BL

Tot Ion: 99 Resp: 1493611

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

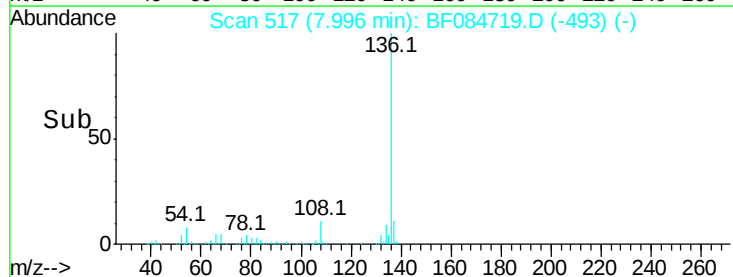
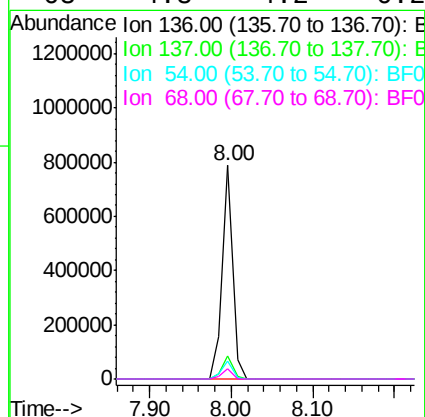
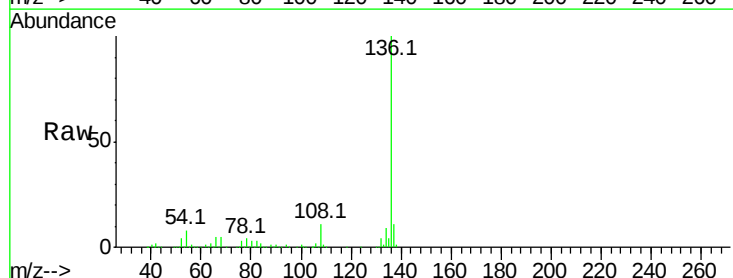
Delta R.T. -0.02 min

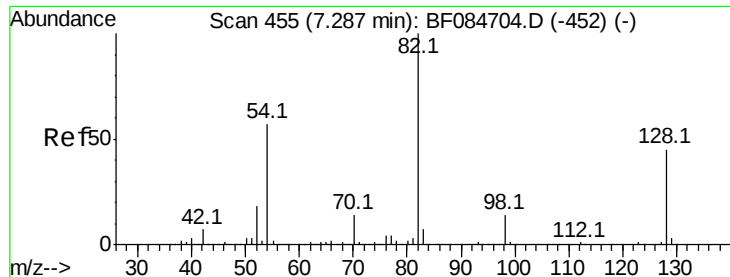
Lab File: BF084719.D

Acq: 1 Feb 2016 19:53

Tgt Ion: 136 Resp: 700175

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.4	5.8	8.8
68	4.8	4.2	6.2

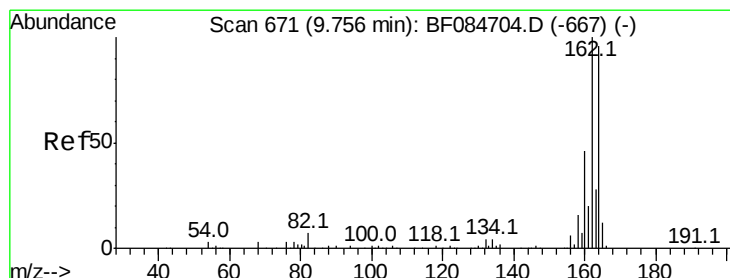
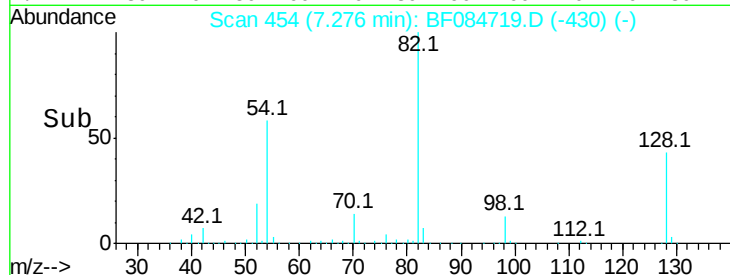
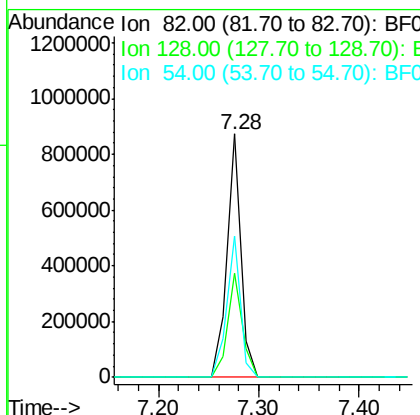
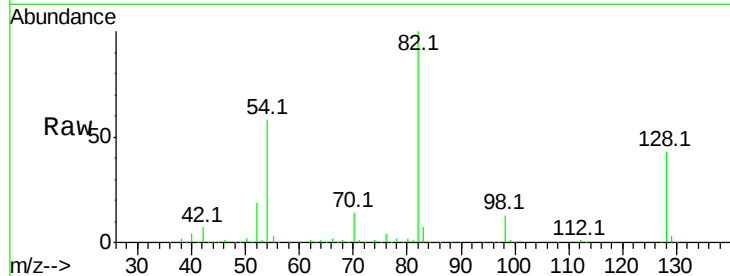




#23
 Nitrobenzene-d5
 Concen: 67.71 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084719.D
 Acq: 1 Feb 2016 19:53

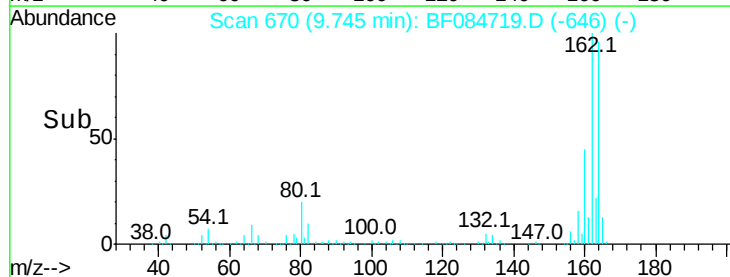
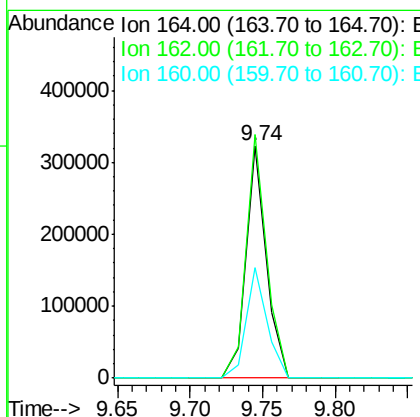
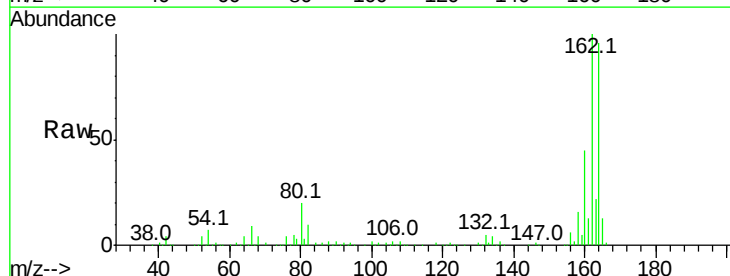
Instrument :
 BNA_F
 ClientSampleID :
 PB88019BL

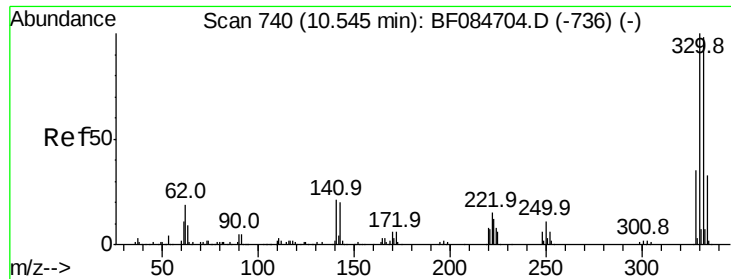
Tot Ion	82	Resp	841548
Ion Ratio	100	Lower	Upper
128	42.8	34.6	51.8
54	58.2	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF084719.D
 Acq: 1 Feb 2016 19:53

Tgt Ion	164	Resp	314224
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.7	85.1	127.7
160	47.5	37.5	56.3

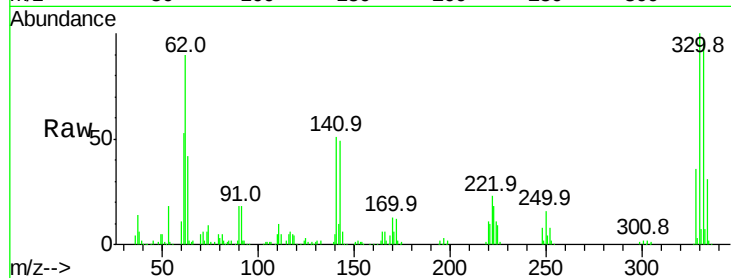




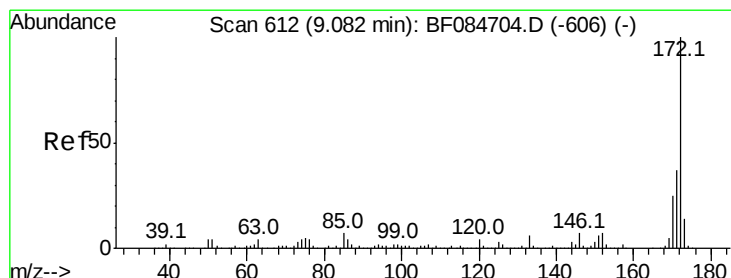
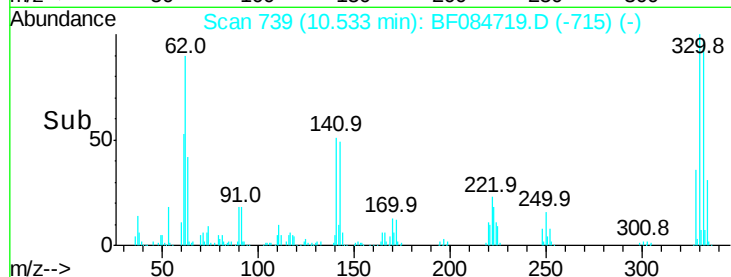
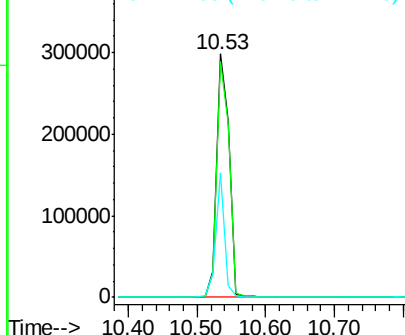
#41
 2,4,6-Tribromophenol
 Concen: 117.30 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084719.D
 Acq: 1 Feb 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88019BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	35.8	27.8	41.6

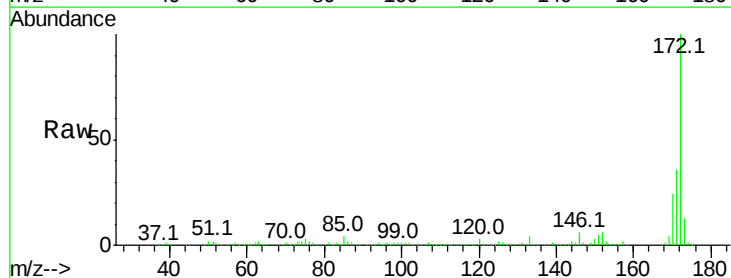


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

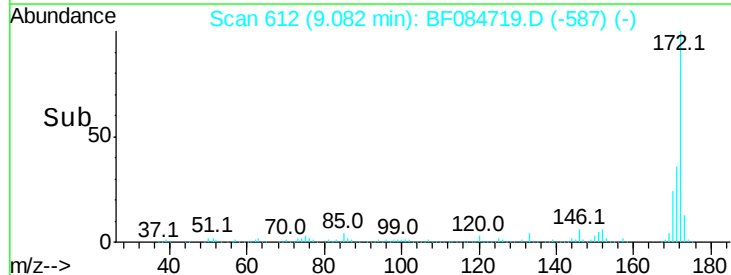
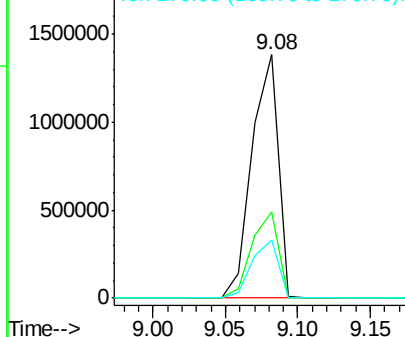


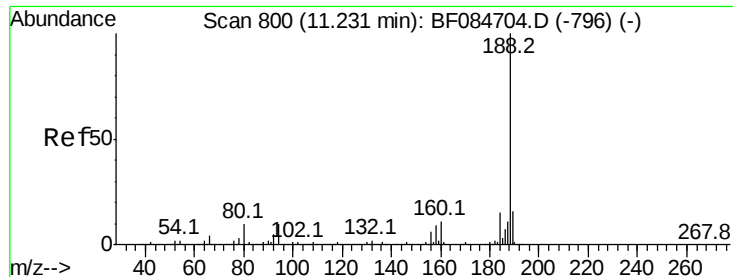
#44
 2-Fluorobiphenyl
 Concen: 98.46 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084719.D
 Acq: 1 Feb 2016 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.0	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

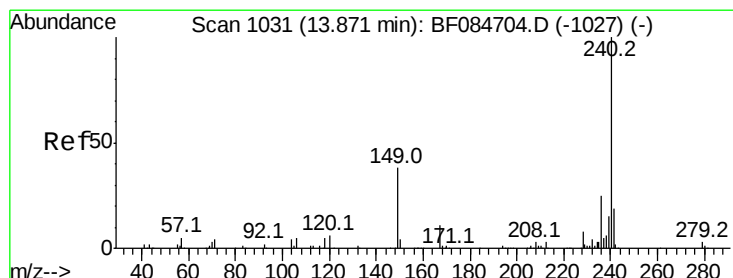
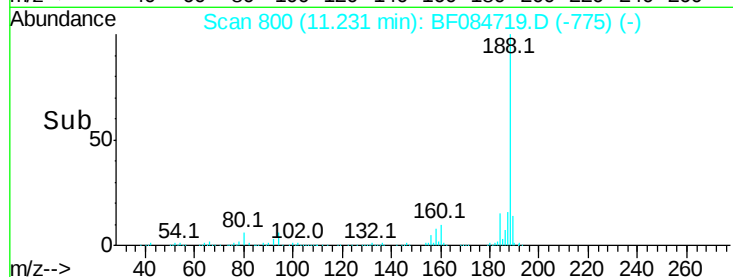
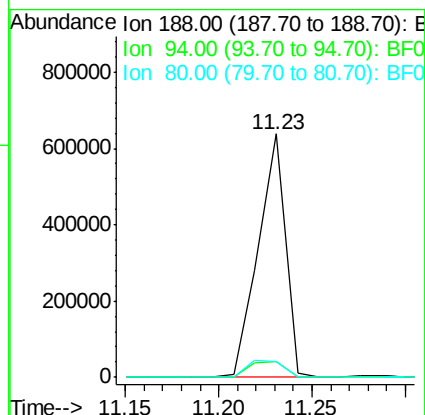
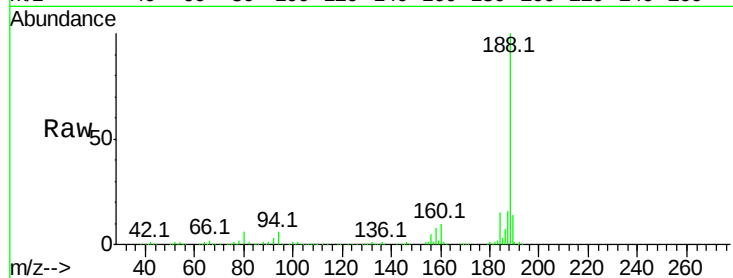




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084719.D
Acq: 1 Feb 2016 19:53

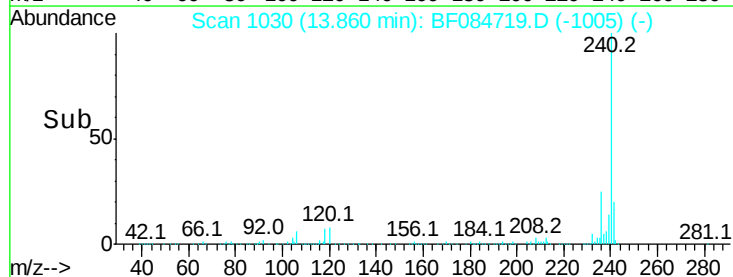
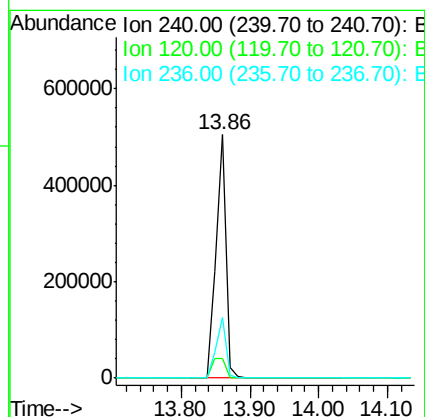
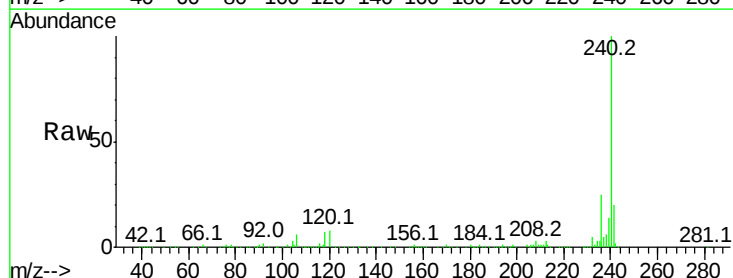
Instrument :
BNA_F
ClientSampleId :
PB88019BL

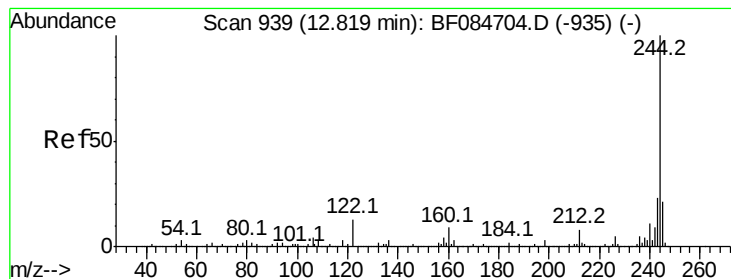
Tot Ion:188 Resp: 644135
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.4 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084719.D
Acq: 1 Feb 2016 19:53

Tgt Ion:240 Resp: 523292
Ion Ratio Lower Upper
240 100
120 8.0 9.5 14.3#
236 25.1 20.6 31.0





#78

Terphenyl-d14

Concen: 75.79 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084719.D

Acq: 1 Feb 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB88019BL

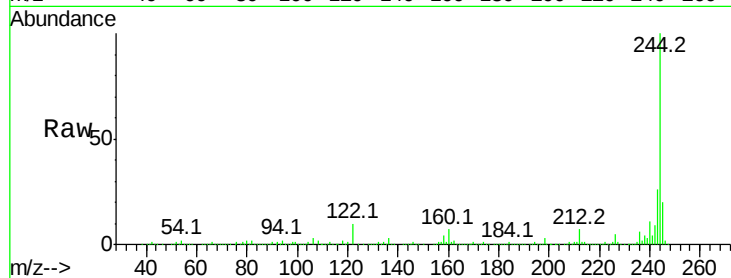
Tot Ion:244 Resp: 1750177

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

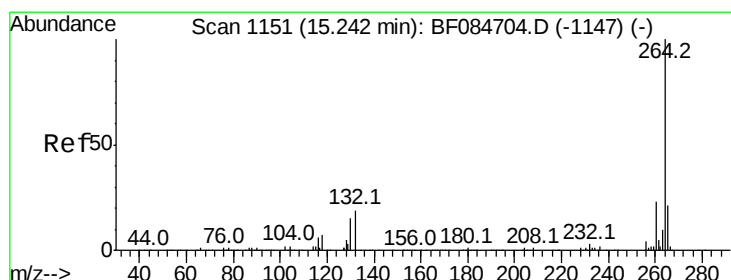
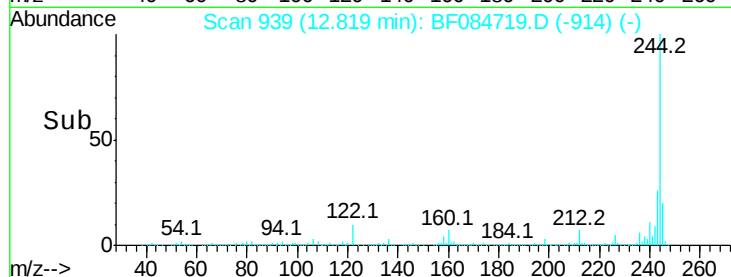
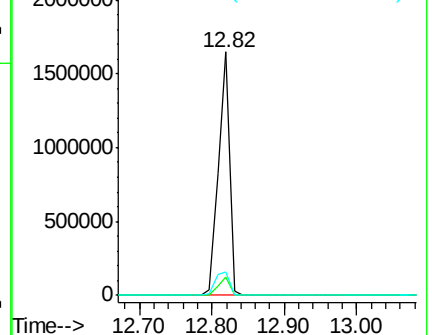
122 9.6 7.4 11.0



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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084719.D

Acq: 1 Feb 2016 19:53

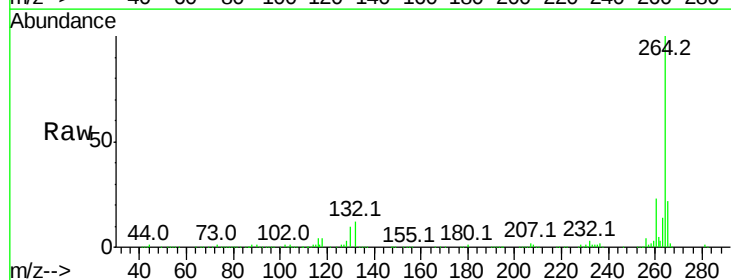
Tgt Ion:264 Resp: 372759

Ion Ratio Lower Upper

264 100

260 23.3 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

