

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085013.D
 Acq On : 11 Feb 2016 12:33
 Operator : SJ/IZ
 Sample : PB88279BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88279BL

Quant Time: Feb 11 17:02:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	135549	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	580680	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	287829	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	512455	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	414594	20.00	ng	-0.02
86) Perylene-d12	15.11	264	287892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	934819	107.42	ng	0.00
7) Phenol-d6	6.26	99	1120198	103.83	ng	-0.02
23) Nitrobenzene-d5	7.18	82	682798	66.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	298503	99.42	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1374877	78.35	ng	-0.01
78) Terphenyl-d14	12.72	244	1419477	77.58	ng	-0.01

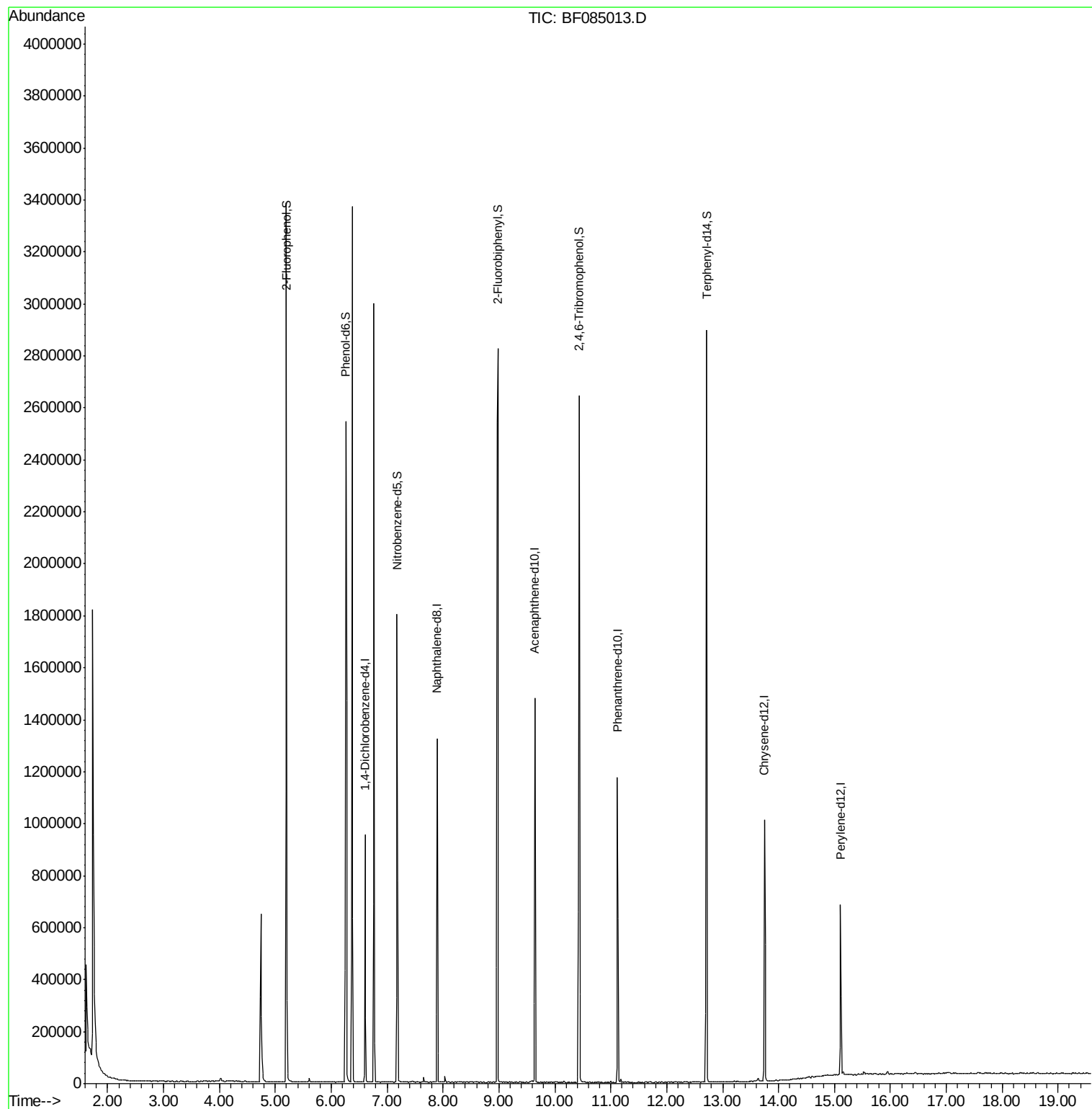
Target Compounds	Qvalue
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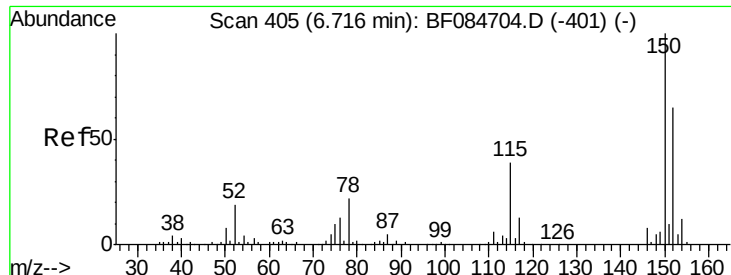
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

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BNA_F

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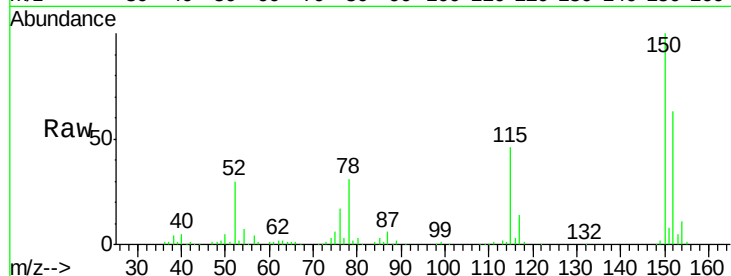
Tgt Ion:152 Resp: 135549

Ion Ratio Lower Upper

152 100

150 159.9 123.0 184.4

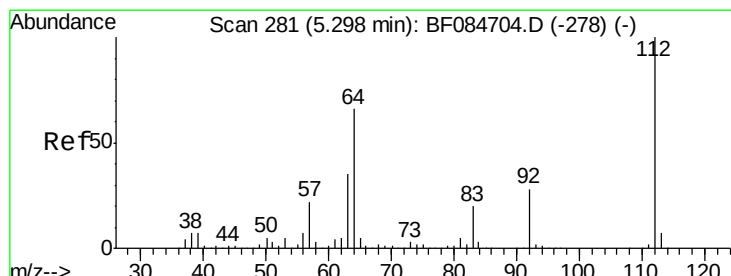
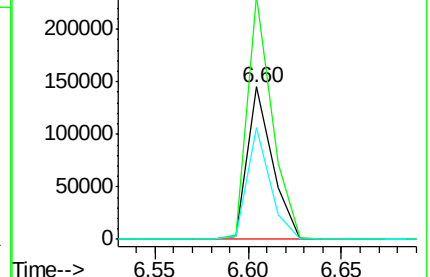
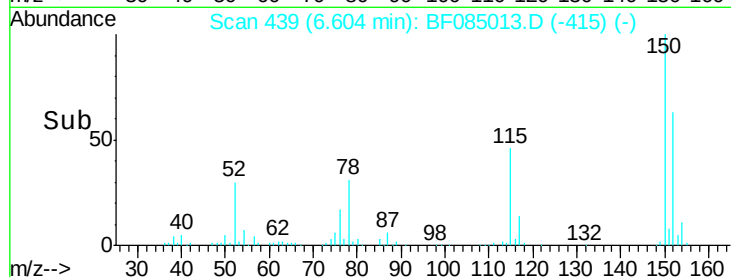
115 73.5 51.4 77.2



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: 107.42 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

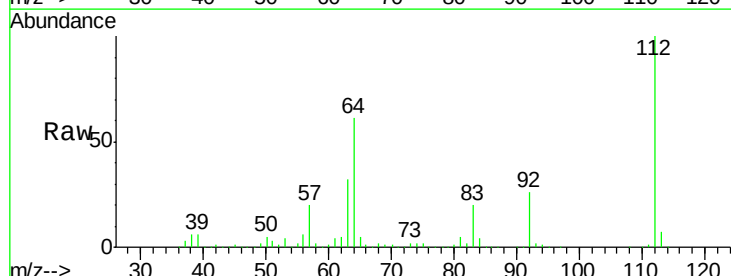
Tgt Ion:112 Resp: 934819

Ion Ratio Lower Upper

112 100

64 61.0 36.6 55.0#

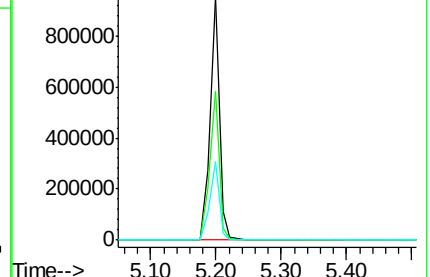
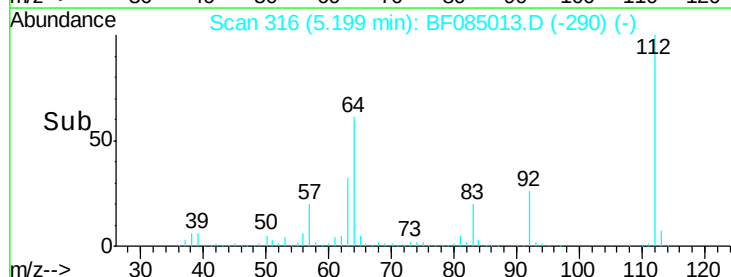
63 32.0 19.4 29.0#

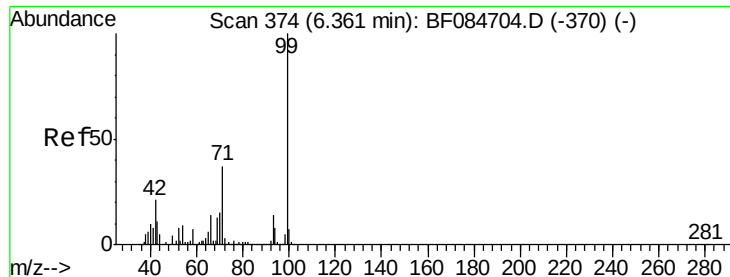


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.83 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

Instrument :

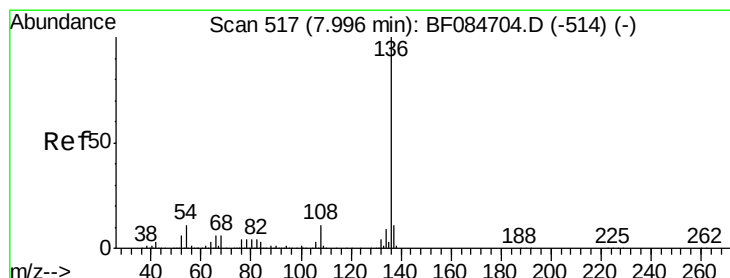
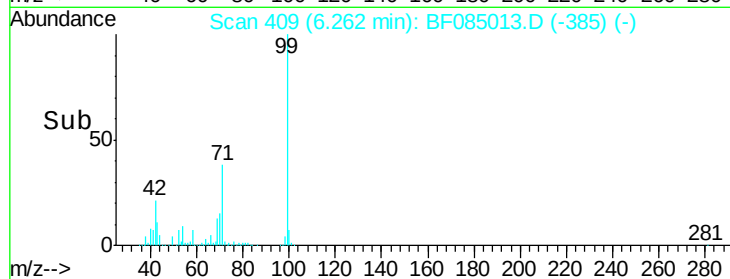
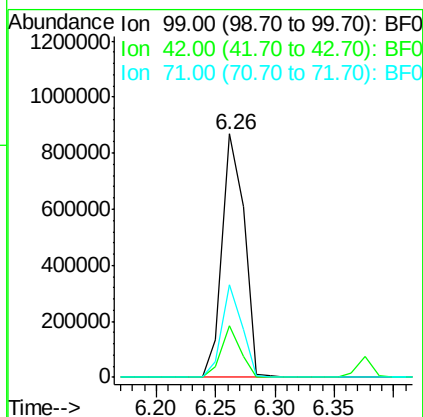
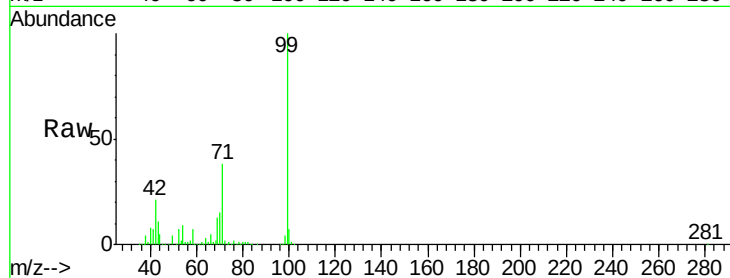
BNA_F

ClientSampleId :

PB88279BL

Tgt Ion: 99 Resp: 1120198

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	38.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

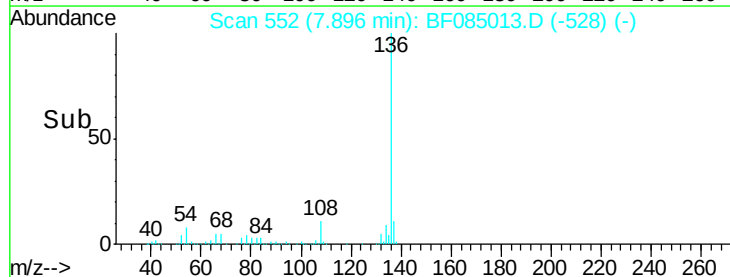
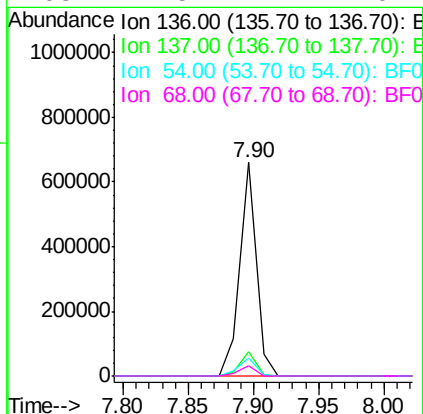
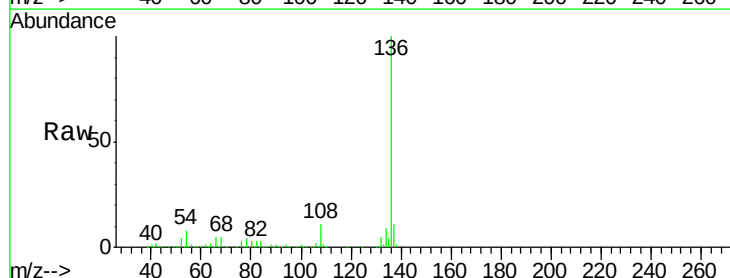
Delta R.T. -0.02 min

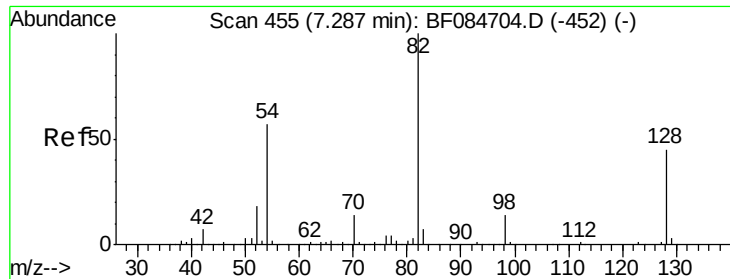
Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

Tgt Ion: 136 Resp: 580680

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.4	5.8	8.8
68	4.5	4.2	6.2

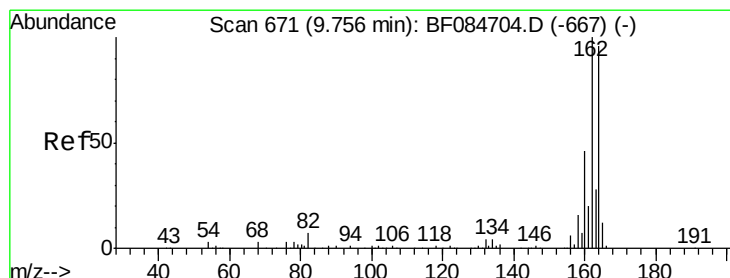
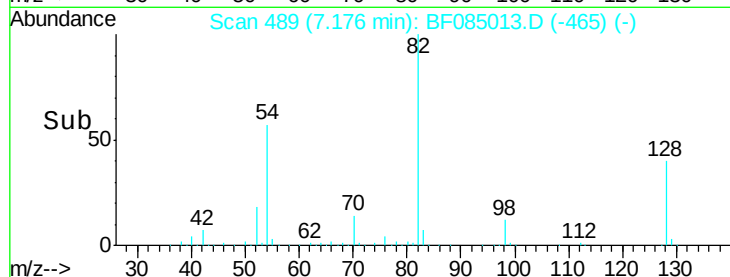
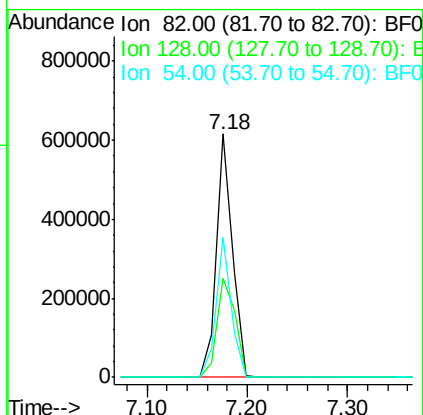
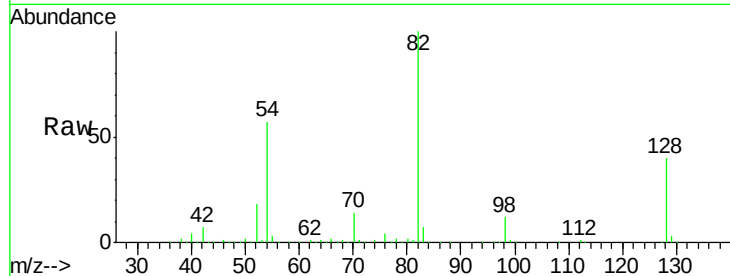




#23
 Nitrobenzene-d5
 Concen: 66.24 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

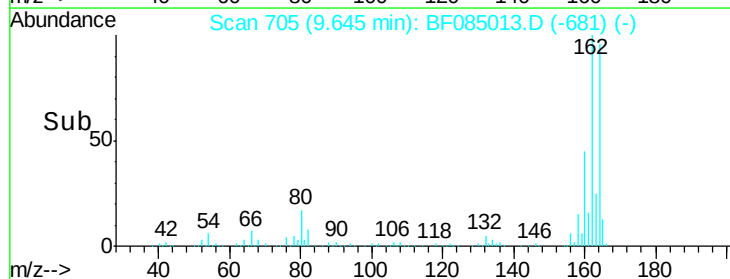
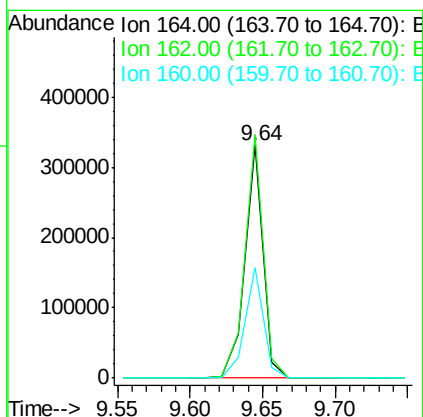
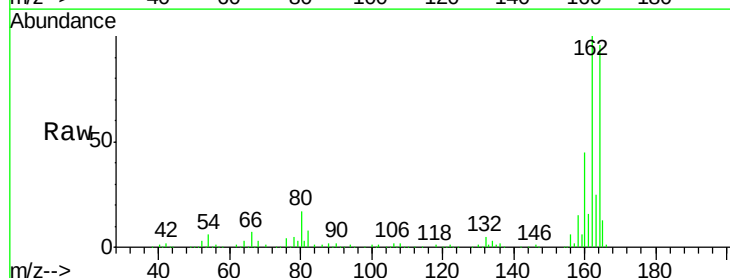
Instrument :
 BNA_F
 ClientSampleId :
 PB88279BL

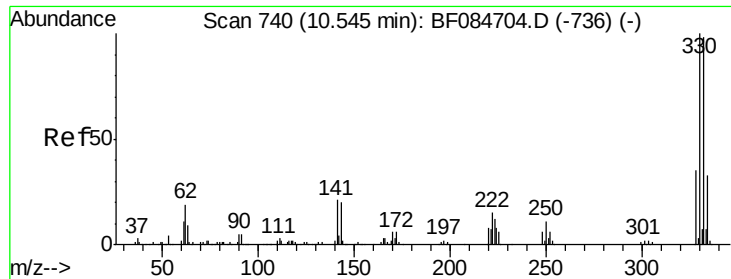
Tgt Ion: 82 Resp: 682798
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.6 51.8
 54 57.4 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Tgt Ion: 164 Resp: 287829
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 47.2 37.5 56.3

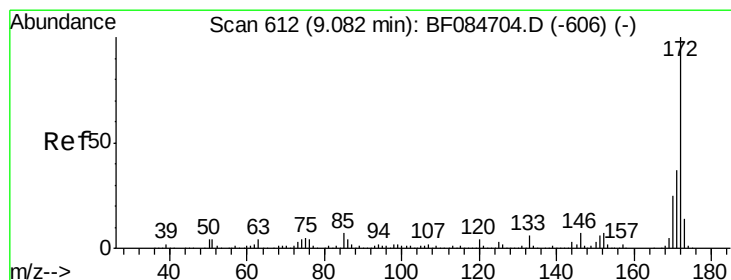
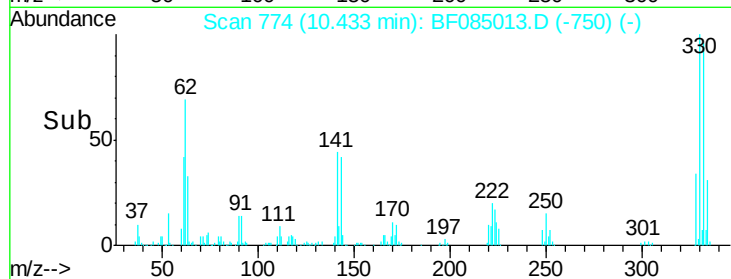
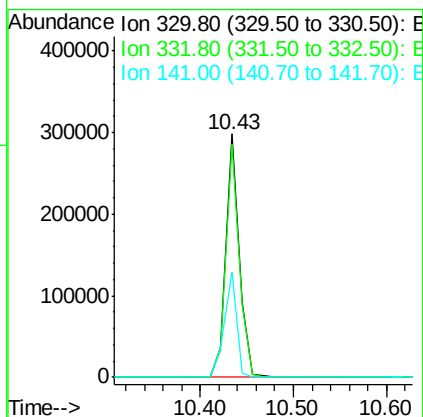
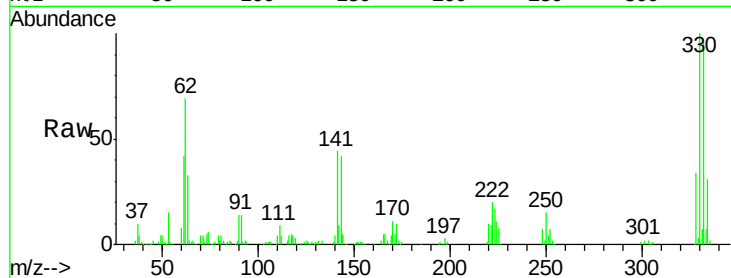




#41
 2,4,6-Tribromophenol
 Concen: 99.42 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

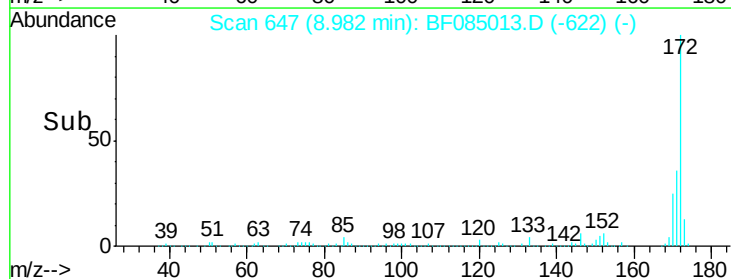
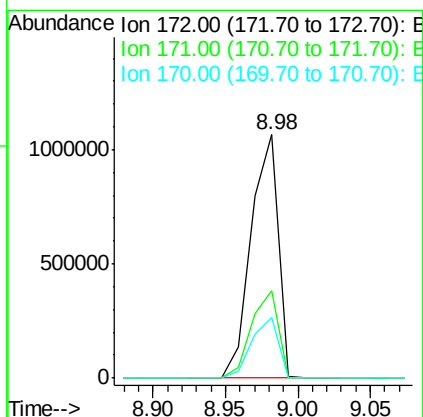
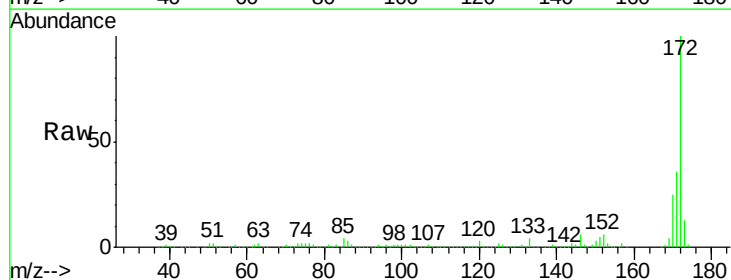
Instrument :
 BNA_F
 ClientSampleId :
 PB88279BL

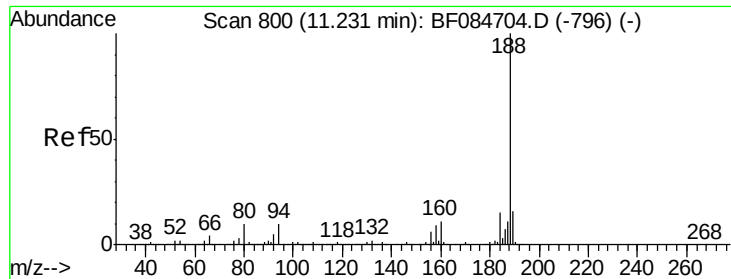
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	39.9	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 78.35 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.7	18.6	27.8

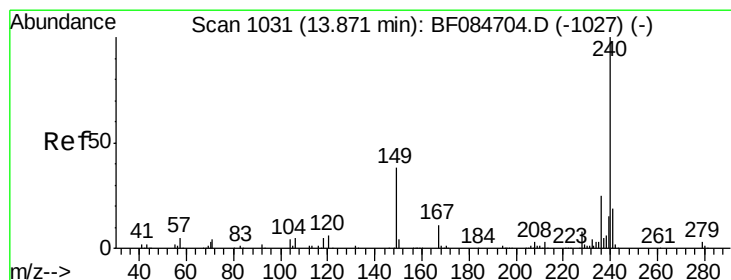
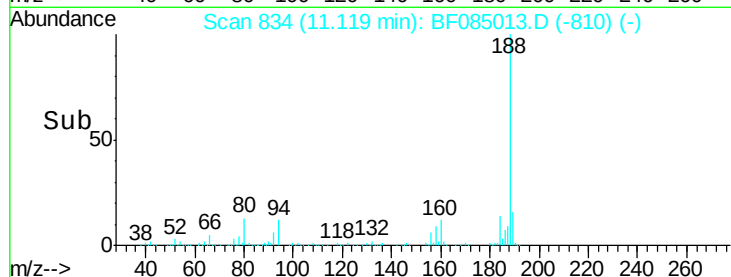
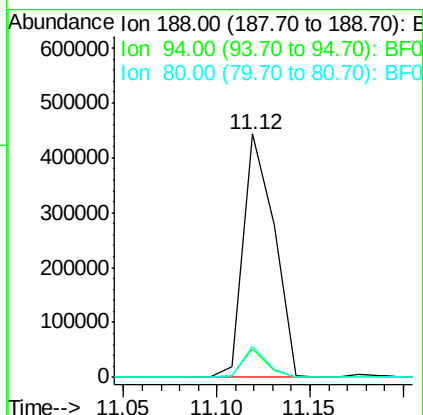
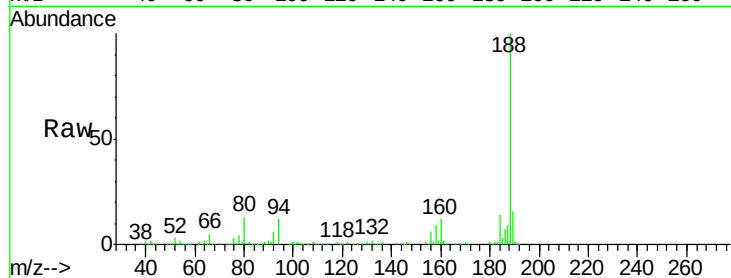




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085013.D
Acq: 11 Feb 2016 12:33

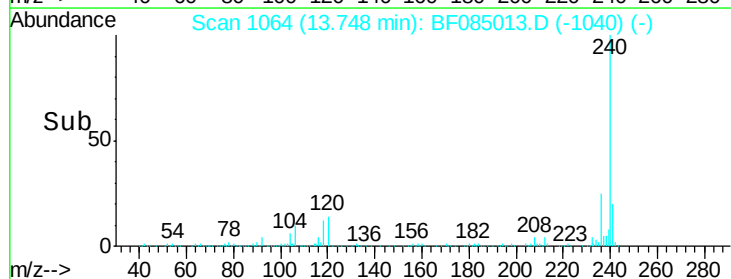
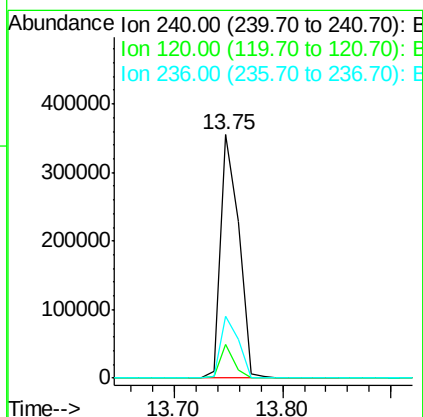
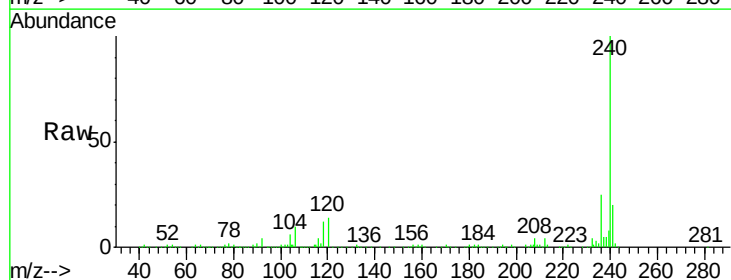
Instrument :
BNA_F
ClientSampleId :
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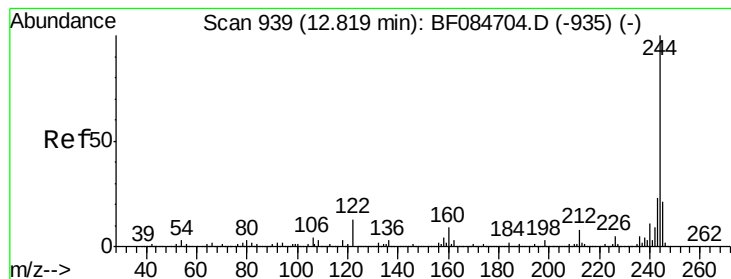
Tgt Ion:188 Resp: 512455
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 13.0 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085013.D
Acq: 11 Feb 2016 12:33

Tgt Ion:240 Resp: 414594
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.2 20.6 31.0





#78

Terphenyl-d14

Concen: 77.58 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB88279BL

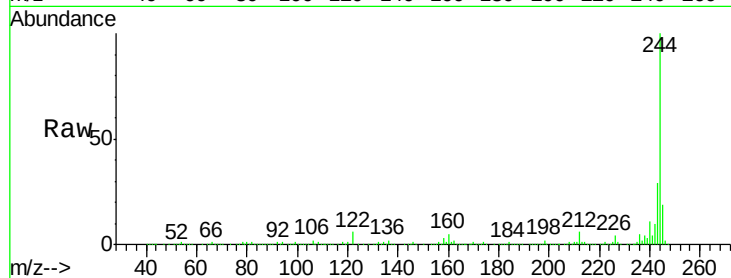
Tgt Ion:244 Resp: 1419477

Ion Ratio Lower Upper

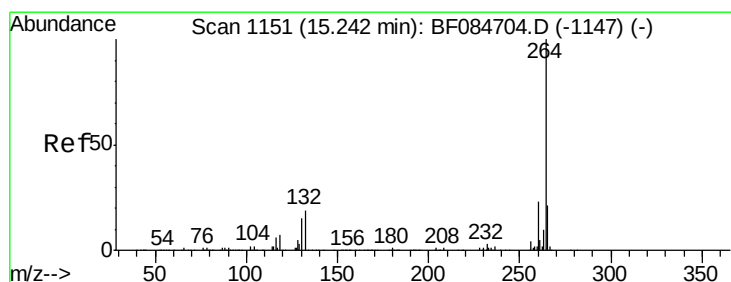
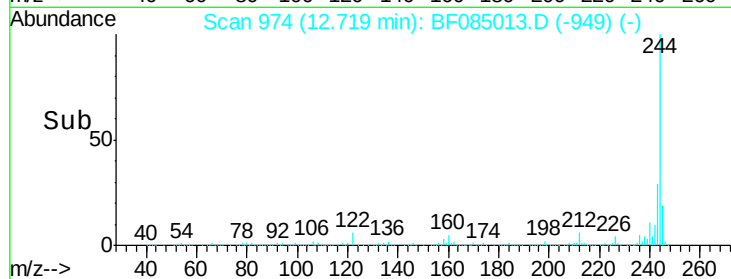
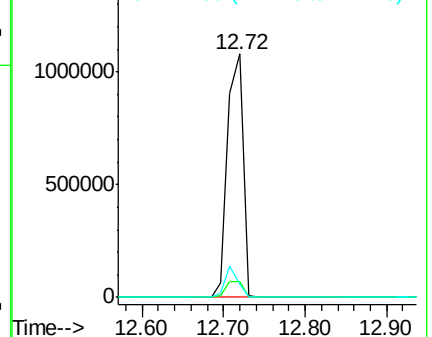
244 100

212 6.4 5.7 8.5

122 5.7 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: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

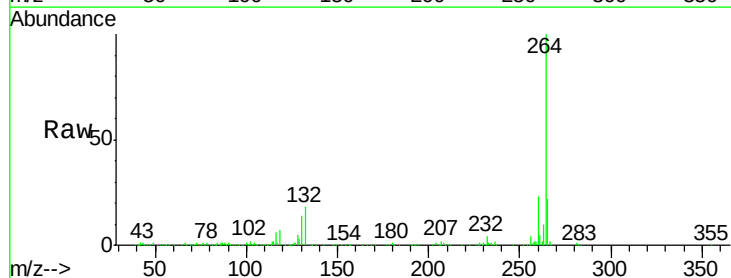
Tgt Ion:264 Resp: 287892

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.6 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

