

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084695.D
 Acq On : 30 Jan 2016 20:48
 Operator : SJ/IZ
 Sample : H1303-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-UST-19

Quant Time: Feb 01 03:33:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

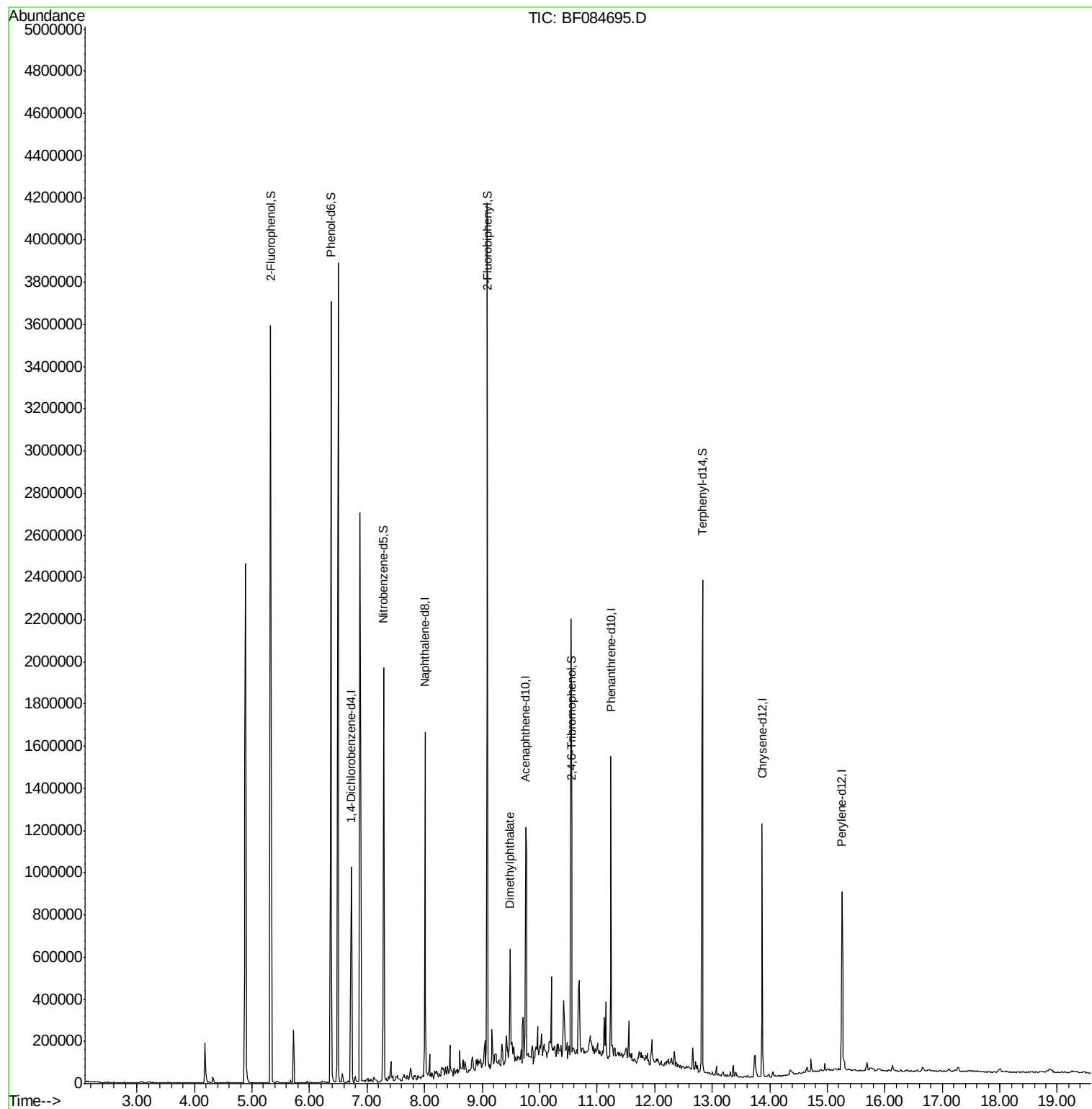
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	180776	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	696591	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	299623	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	509670	20.00	ng	0.00
75) Chrysene-d12	13.87	240	396491	20.00	ng	0.00
86) Perylene-d12	15.25	264	393688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1114110	93.03	ng	0.01
7) Phenol-d6	6.37	99	1288436	89.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	898971	72.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	300954	95.84	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1388639	68.89	ng	0.00
78) Terphenyl-d14	12.83	244	928549	52.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	243593	10.83	ng	# 90

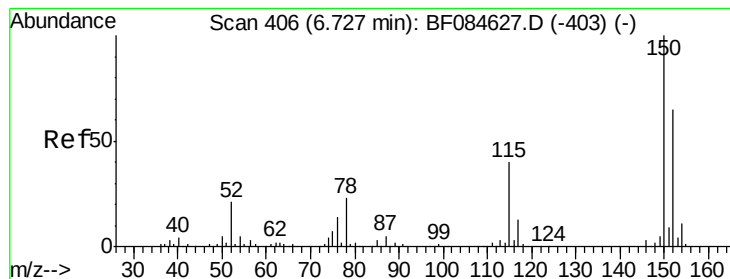
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

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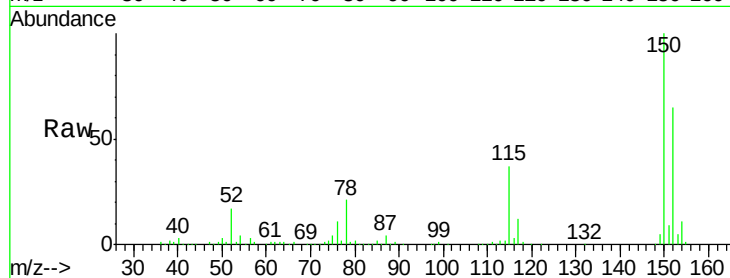
Tot Ion:152 Resp: 180776

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

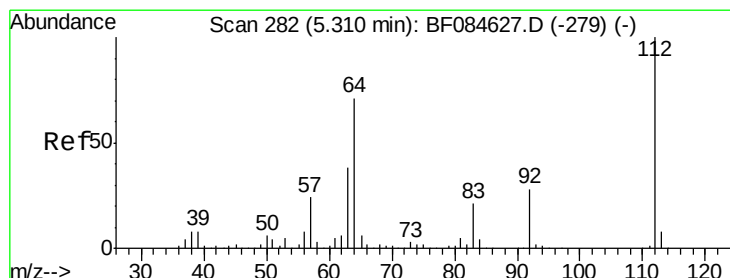
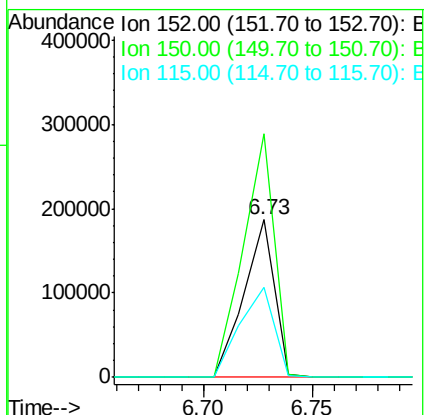
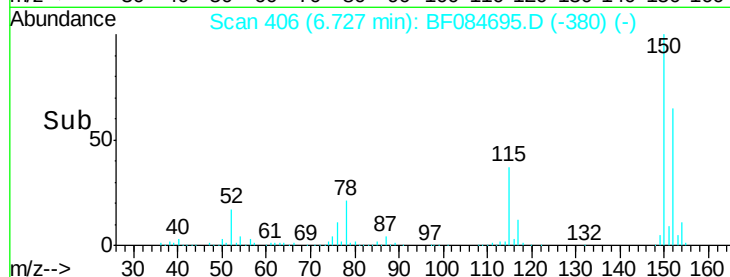
115 57.6 51.4 77.2



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: 93.03 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

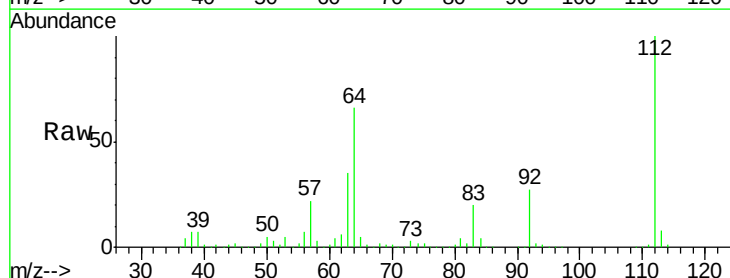
Tgt Ion:112 Resp: 1114110

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

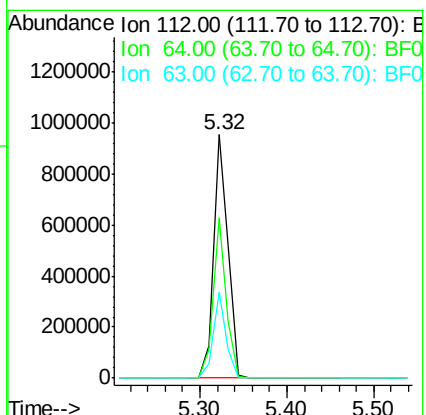
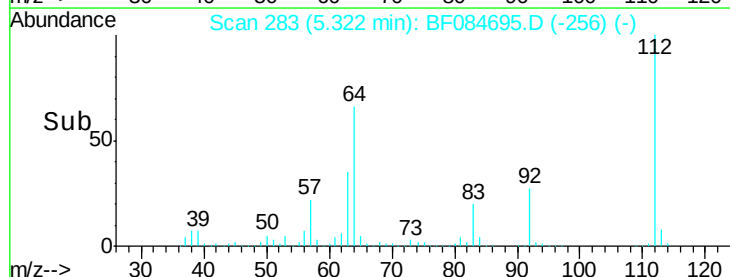
63 35.3 19.4 29.0#

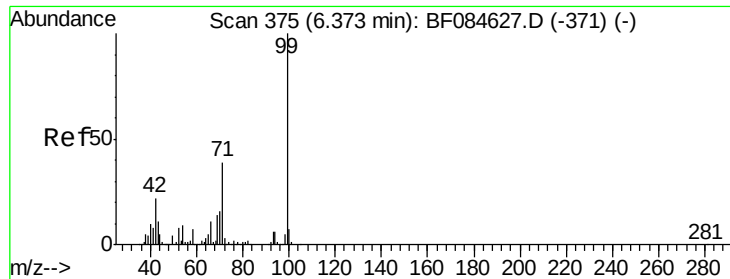


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.76 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

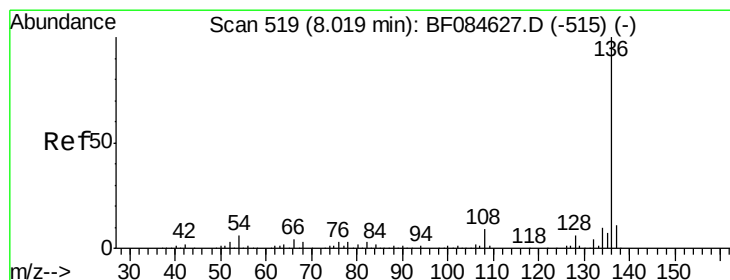
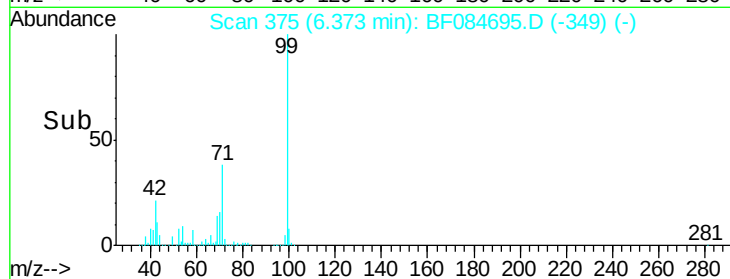
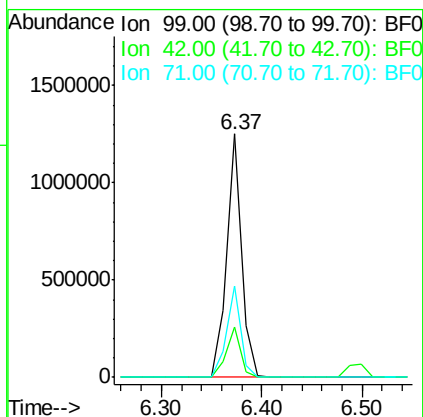
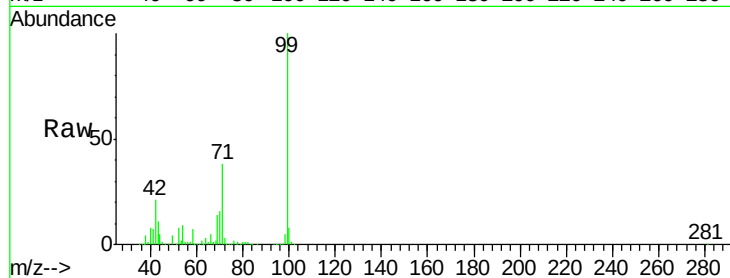
BNA_F

ClientSampleId :

SOUTHWALL-UST-19

Tot Ion: 99 Resp: 1288436

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	37.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

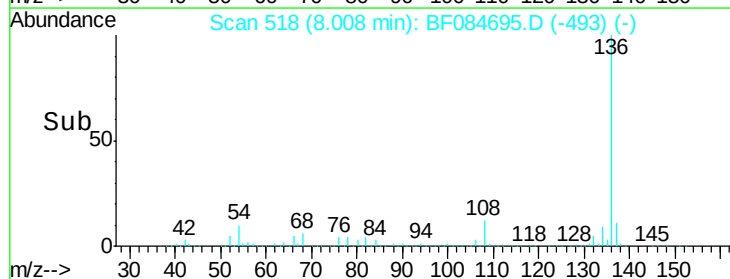
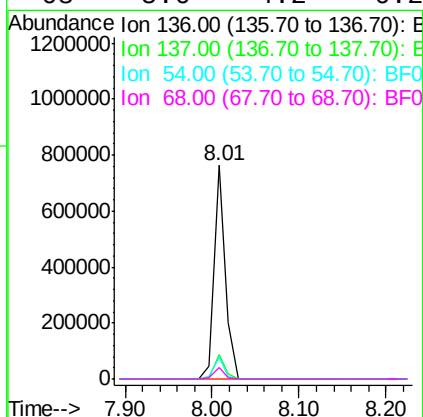
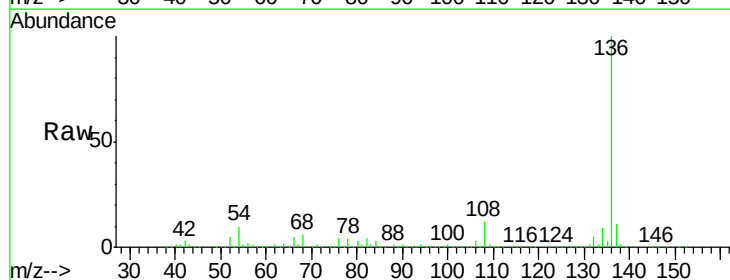
Delta R.T. -0.01 min

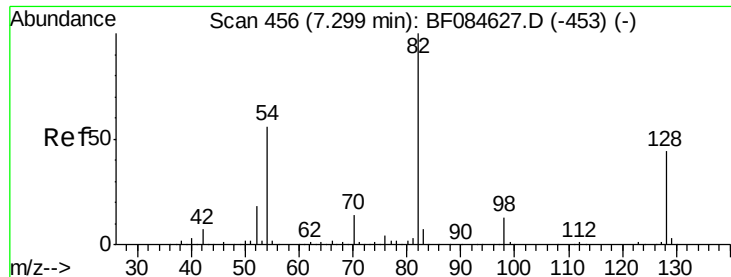
Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Tgt Ion: 136 Resp: 696591

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.0	5.8	8.8#
68	5.6	4.2	6.2

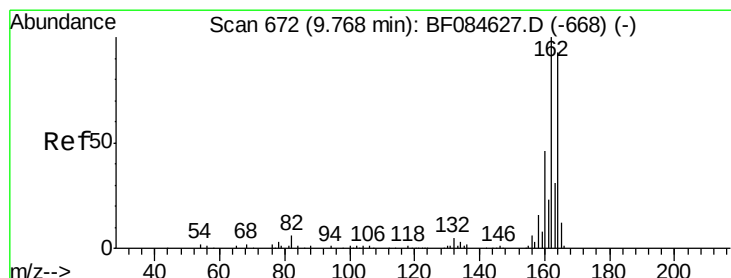
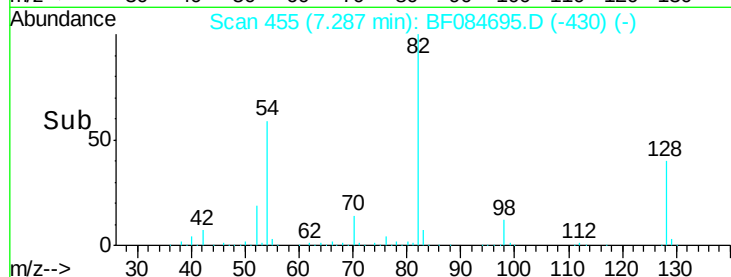
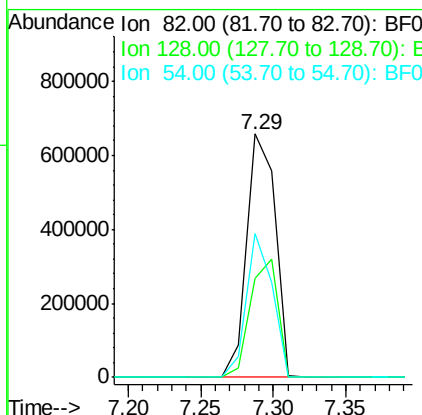
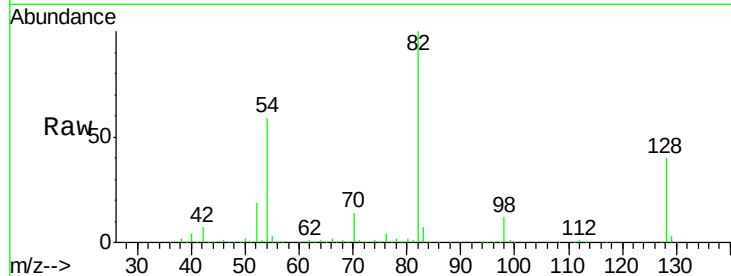




#23
 Nitrobenzene-d5
 Concen: 72.12 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

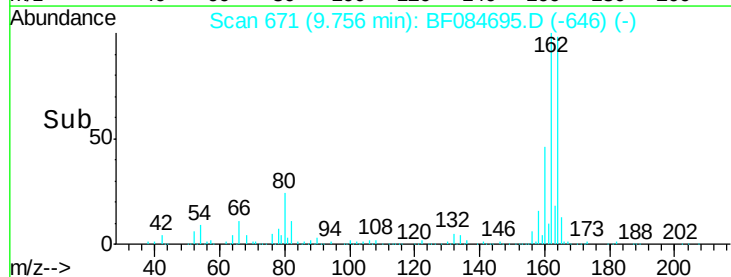
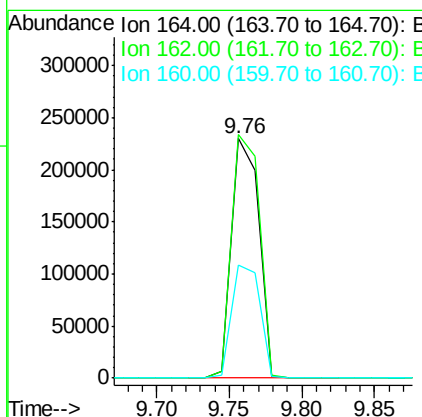
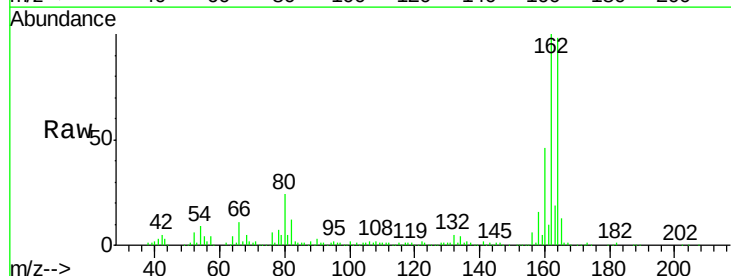
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-UST-19

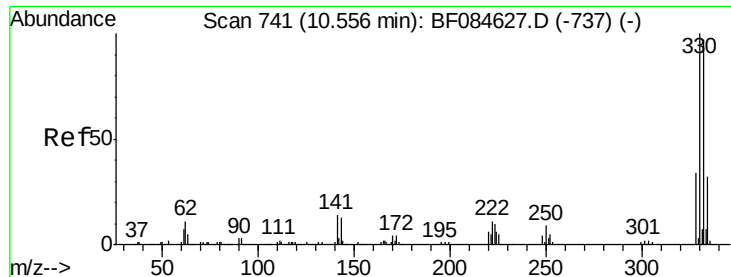
Tot Ion: 82 Resp: 898971
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 51.8
 54 59.3 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

Tgt Ion:164 Resp: 299623
 Ion Ratio Lower Upper
 164 100
 162 101.8 85.1 127.7
 160 47.3 37.5 56.3

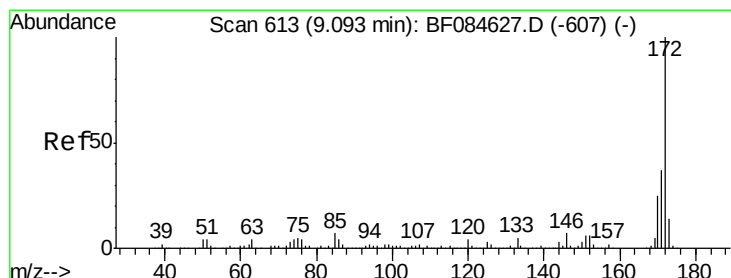
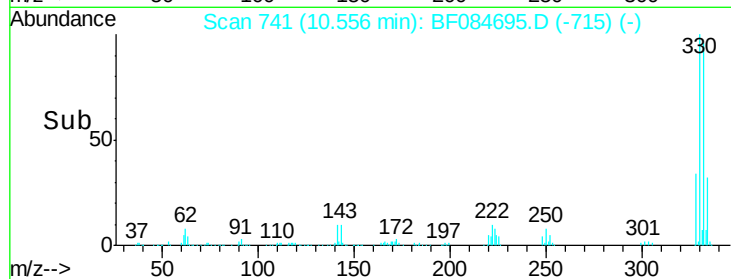
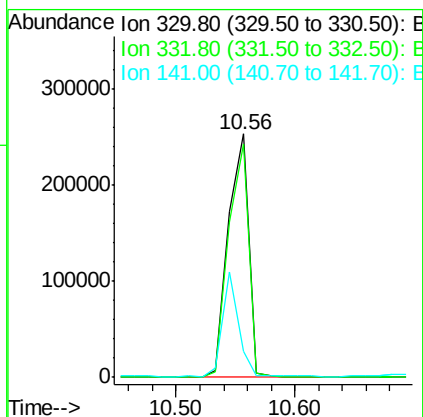
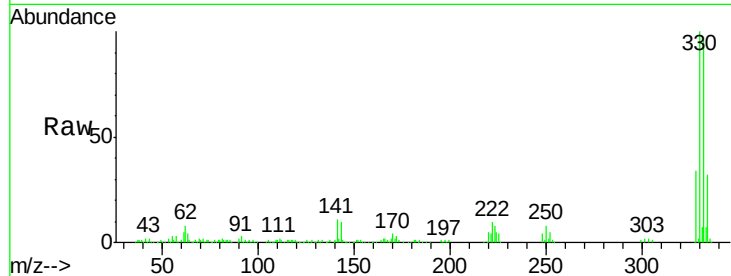




#41
 2,4,6-Tribromophenol
 Concen: 95.84 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

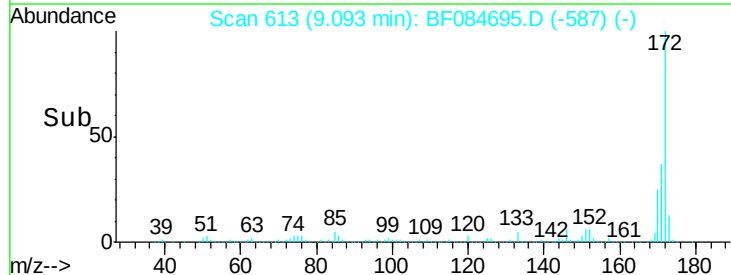
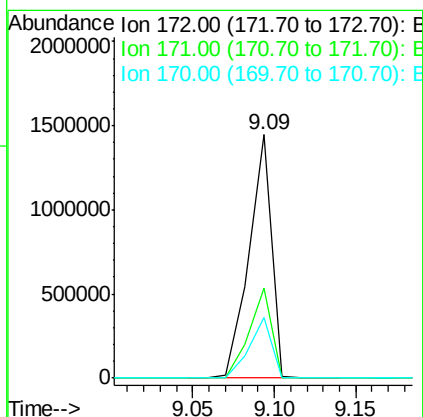
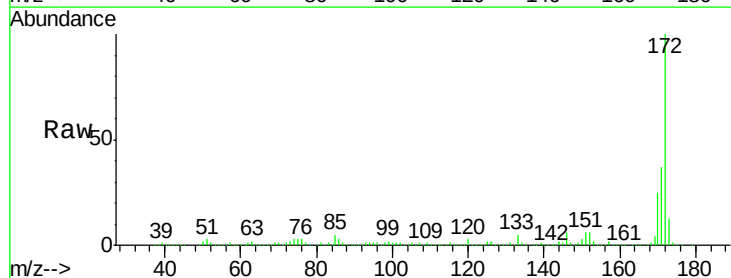
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-UST-19

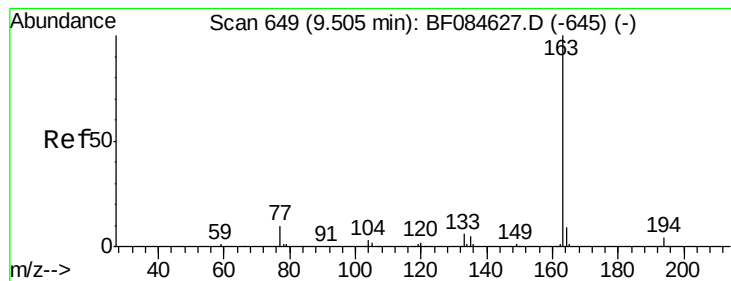
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	34.0	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 68.89 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.8	18.6	27.8





#49

Dimethylphthalate

Concen: 10.83 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-UST-19

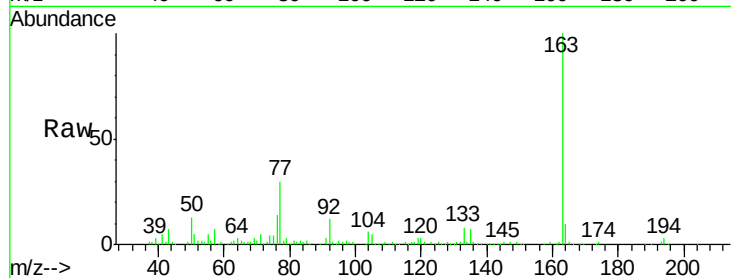
Tot Ion:163 Resp: 243593

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

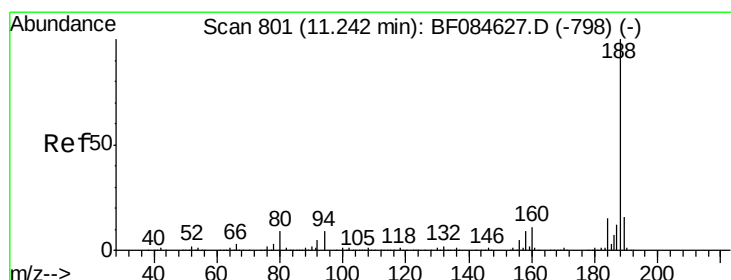
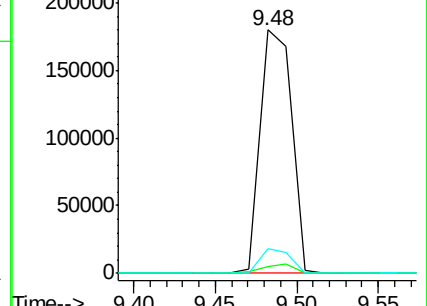
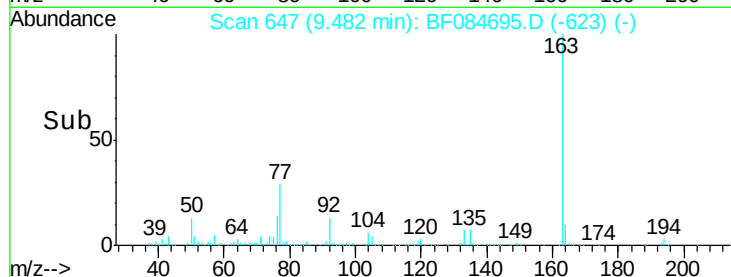
164 10.1 8.0 12.0



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: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

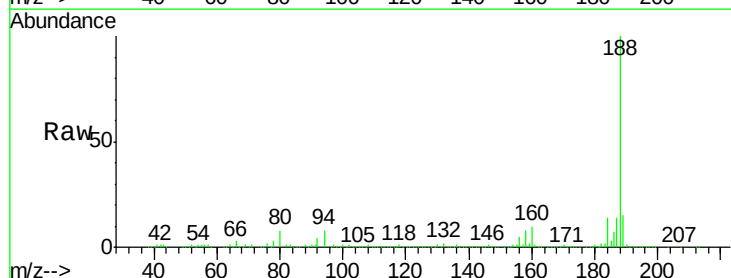
Tgt Ion:188 Resp: 509670

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.4#

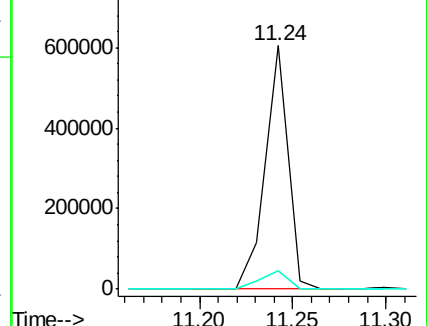
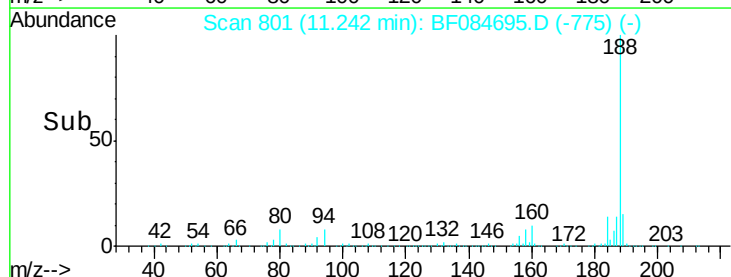
80 7.8 9.6 14.4#

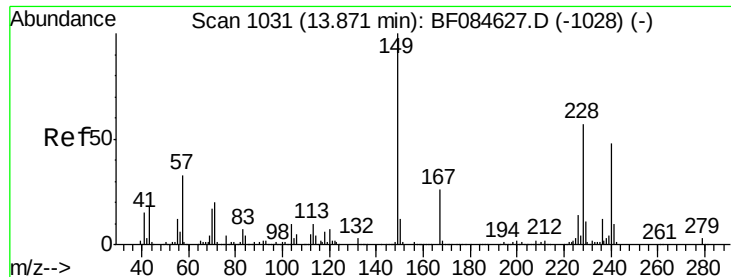


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

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ClientSampleId :

SOUTHWALL-UST-19

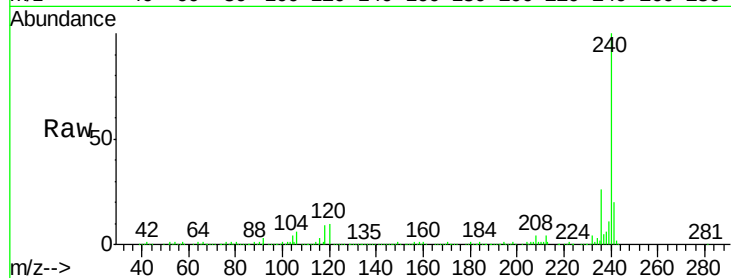
Tot Ion:240 Resp: 396491

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

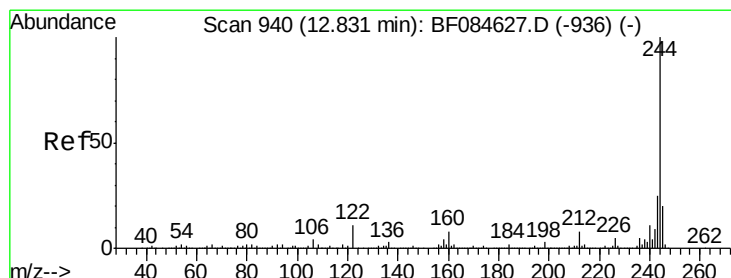
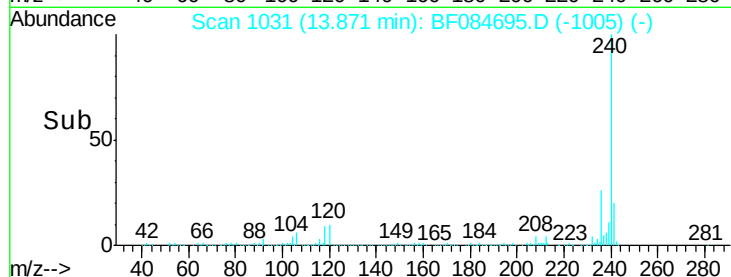
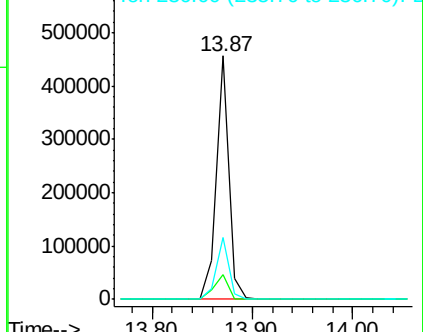
236 25.6 20.6 31.0



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



#78

Terphenyl-d14

Concen: 52.89 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

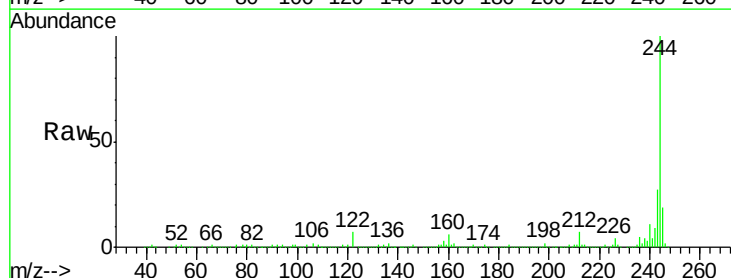
Tgt Ion:244 Resp: 928549

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

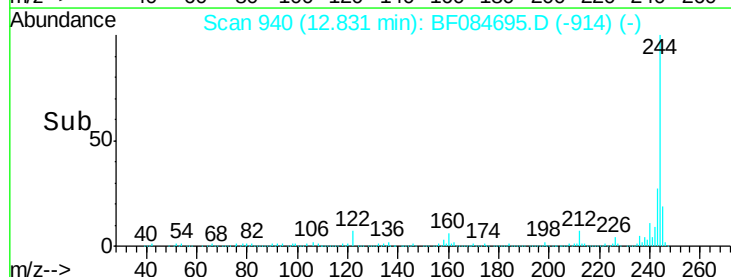
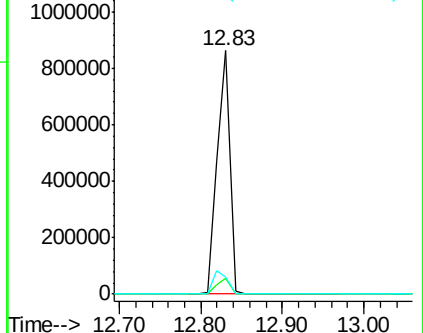
122 7.1 7.4 11.0#

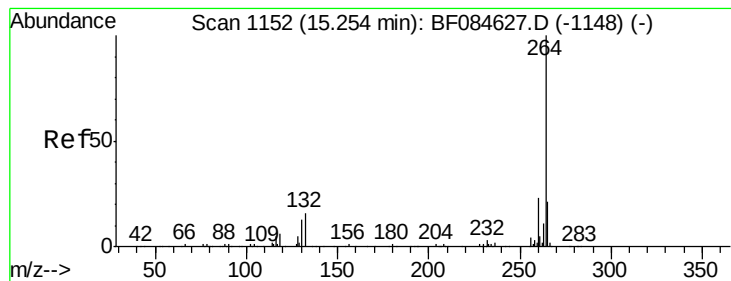


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084695.D

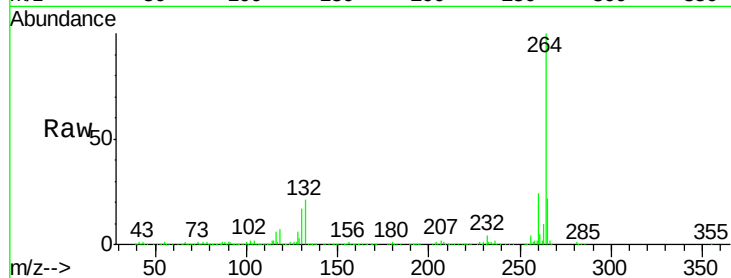
Acq: 30 Jan 2016 20:48

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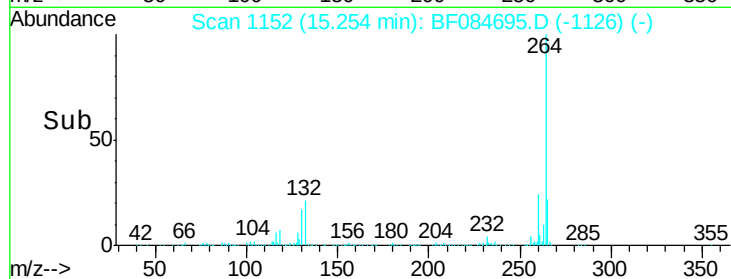
Tot Ion:264 Resp: 393688

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.2 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

