

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089169.D
 Acq On : 21 Jul 2016 9:46
 Operator : UM/SJ
 Sample : H4073-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-03

Manual Integrations

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 7/22/2016 6:22:48 PM

Quant Time: Jul 21 15:57:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	51176	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	216754	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	97714	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	188625	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	125799	20.00	ng	-0.01
86) Perylene-d12	15.06	264	94972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	144953	43.08	ng	-0.01
7) Phenol-d6	6.25	99	238475	54.96	ng	-0.02
23) Nitrobenzene-d5	7.16	82	144981	35.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	70238	79.84	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	355431	50.12	ng	-0.01
78) Terphenyl-d14	12.69	244	406054	70.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	172791	23.04	ng	Qvalue 99

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

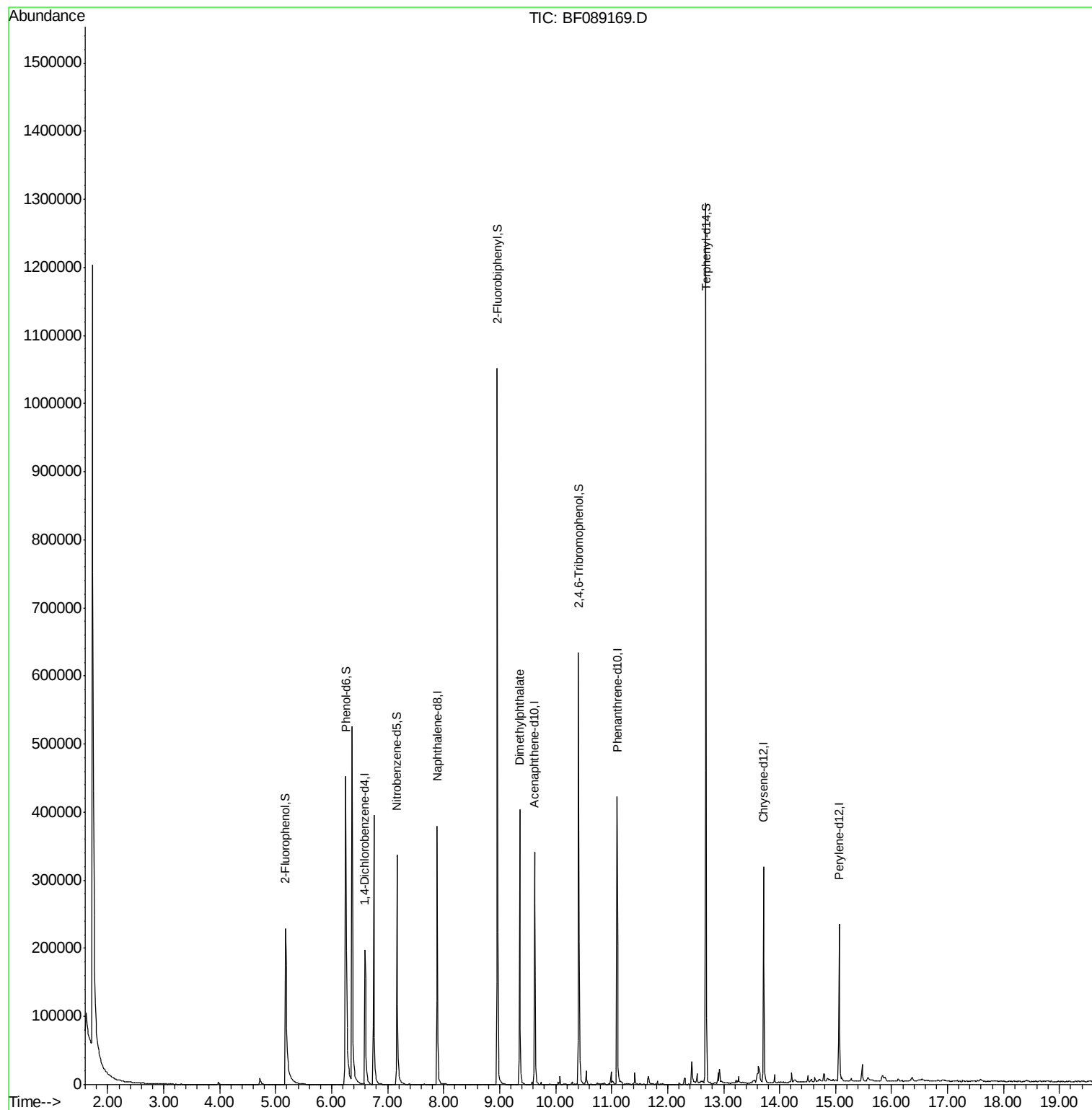
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089169.D
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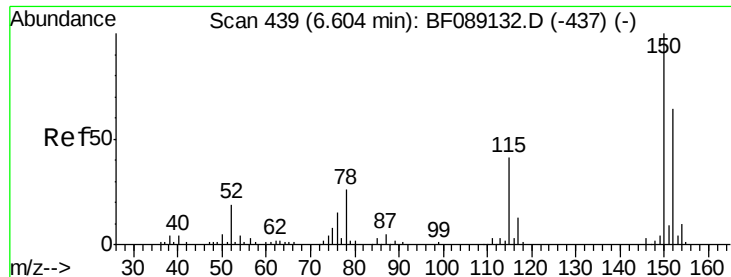
Instrument :
BNA_F
ClientSampleId :
TS-03

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Quant Time: Jul 21 15:57:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF089169.D

Acq: 21 Jul 2016 9:46

Instrument :

BNA_F

ClientSampleId :

TS-03

Tot Ion:152 Resp: 51176

Ion Ratio Lower Upper

152 100

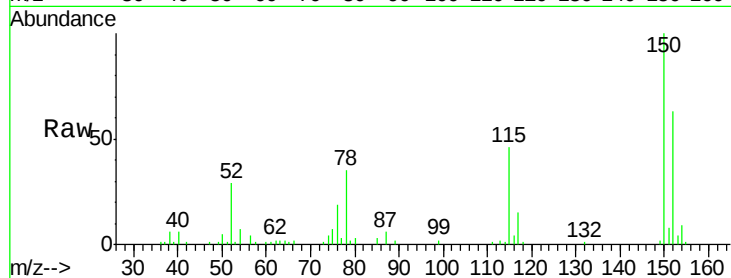
150 158.8 125.1 187.7

115 73.0 51.1 76.7

Manual Integrations

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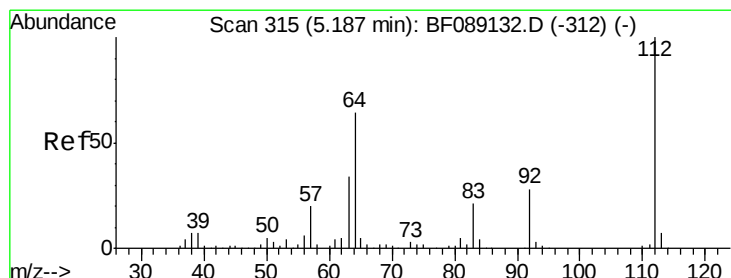
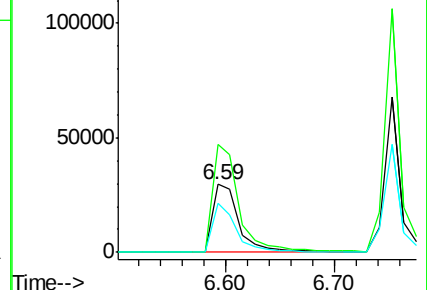
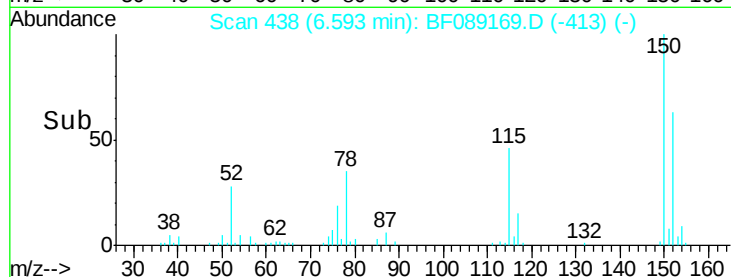
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 43.08 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089169.D

Acq: 21 Jul 2016 9:46

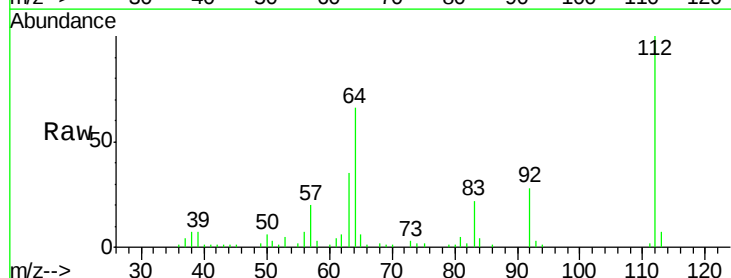
Tgt Ion:112 Resp: 144953

Ion Ratio Lower Upper

112 100

64 65.9 51.0 76.4

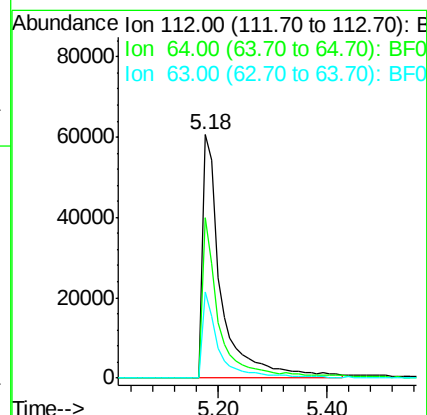
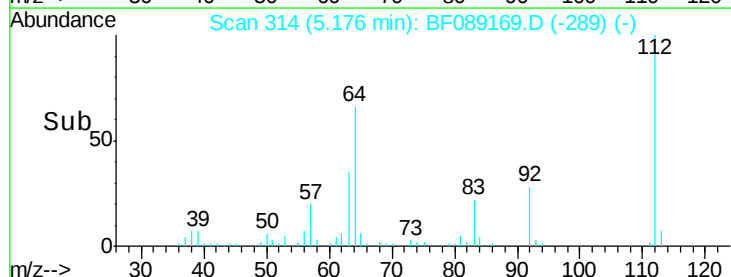
63 35.5 27.3 40.9

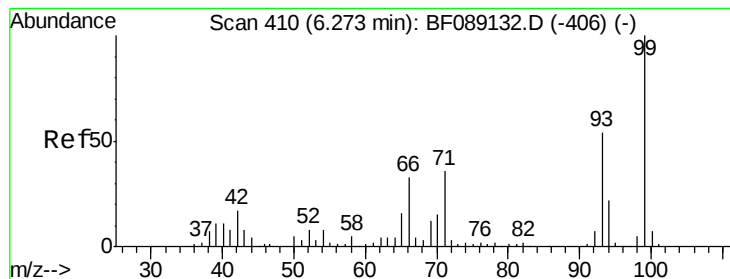


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.96 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089169.D

Acq: 21 Jul 2016 9:46

Instrument :

BNA_F

ClientSampled :

TS-03

Tot Ion: 99 Resp: 238475

Ion Ratio Lower Upper

99 100

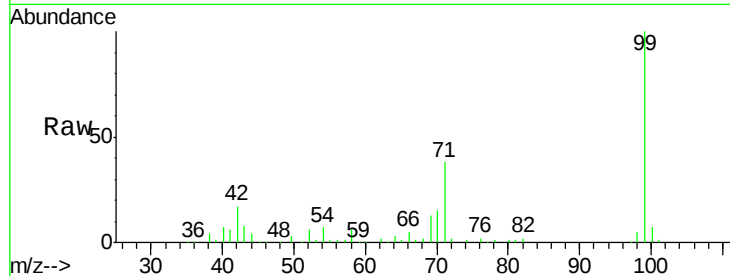
42 17.4 13.5 20.3

71 38.1 28.9 43.3

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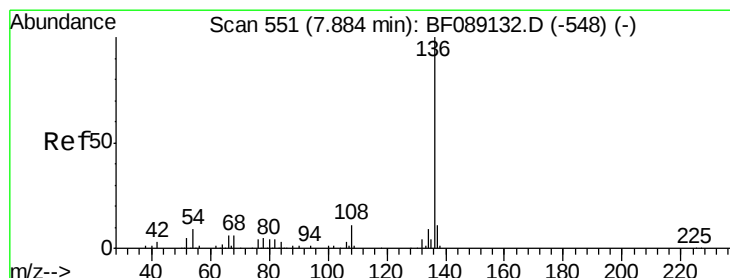
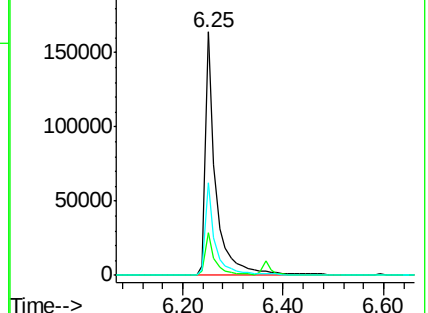
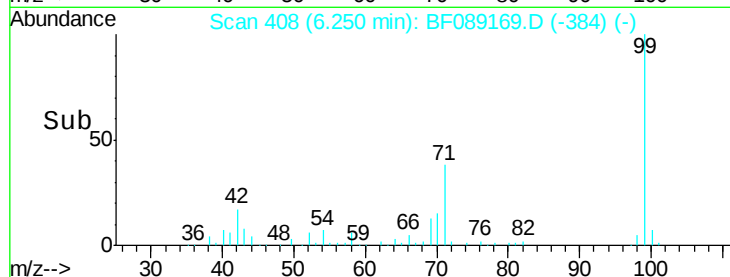
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089169.D

Acq: 21 Jul 2016 9:46

Tgt Ion: 136 Resp: 216754

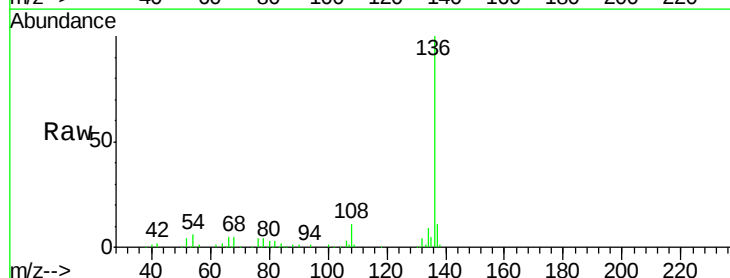
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 7.0 10.4#

68 5.0 5.0 7.6#

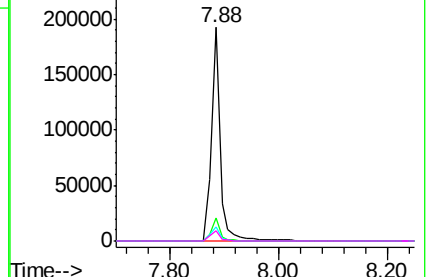
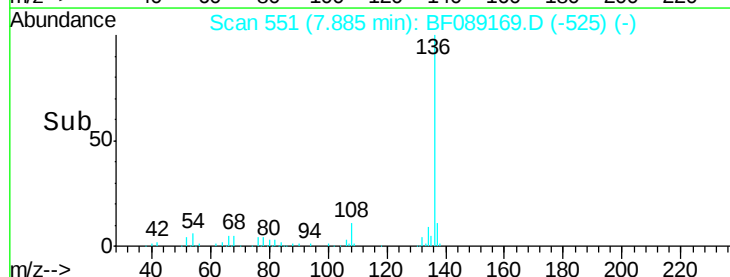


Abundance Ion 136.00 (135.70 to 136.70): E

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





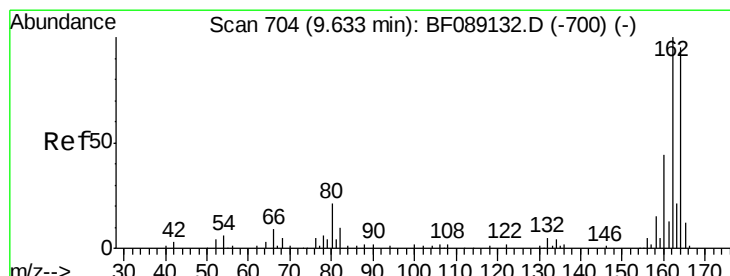
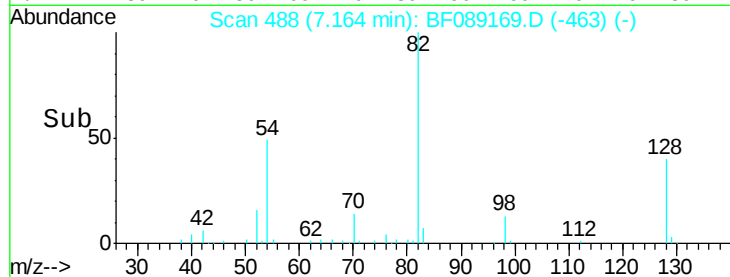
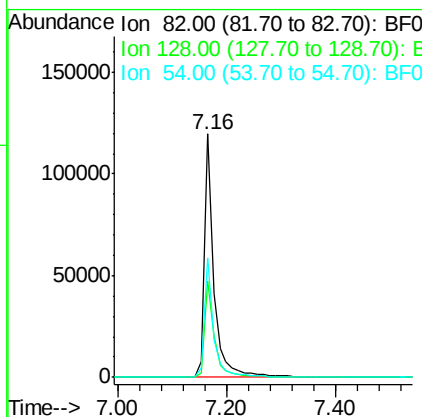
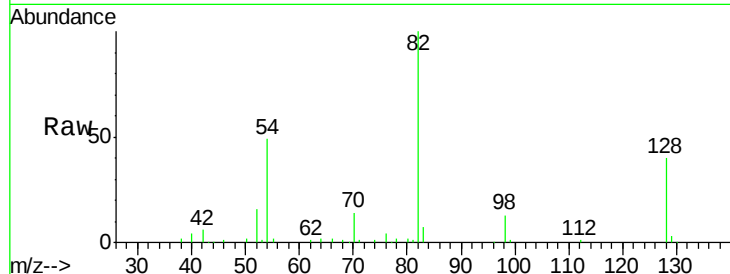
#23
 Nitrobenzene-d5
 Concen: 35.54 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089169.D
 Acq: 21 Jul 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TS-03

Tot Ion:	82	Resp:	144981
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.0	49.6
54	49.3	39.0	58.4

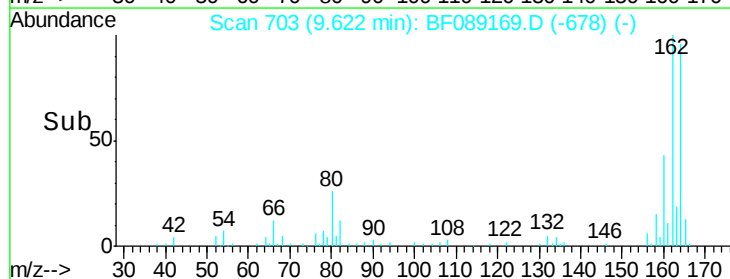
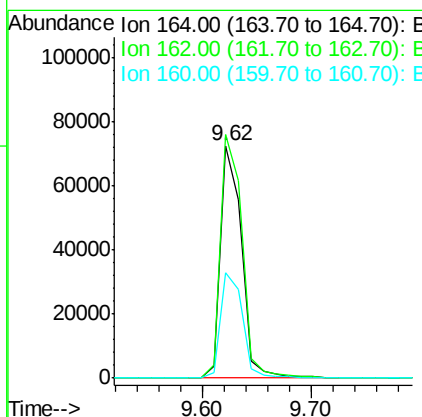
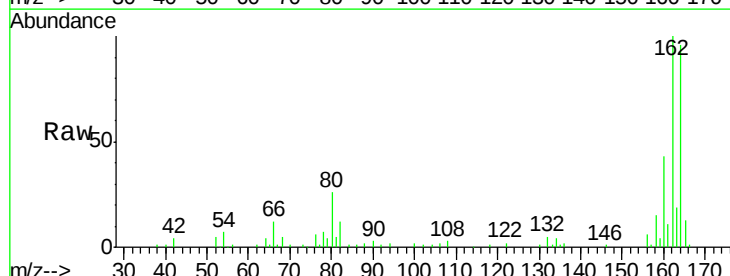
Manual Integrations

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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089169.D
 Acq: 21 Jul 2016 9:46

Tgt Ion:	164	Resp:	97714
Ion Ratio	Lower	Upper	
164	100		
162	104.6	84.1	126.1
160	45.1	37.1	55.7





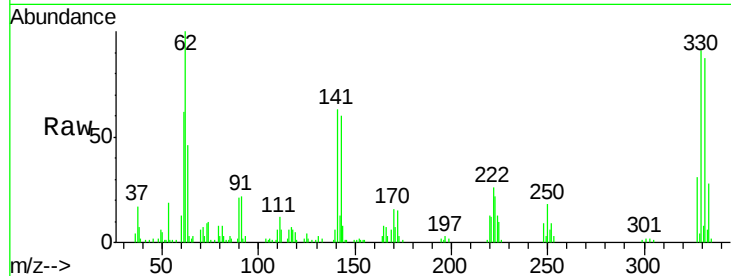
#41
 2,4,6-Tribromophenol
 Concen: 79.84 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089169.D
 Acq: 21 Jul 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 TS-03

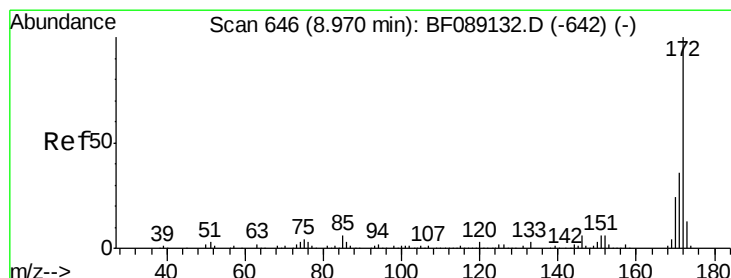
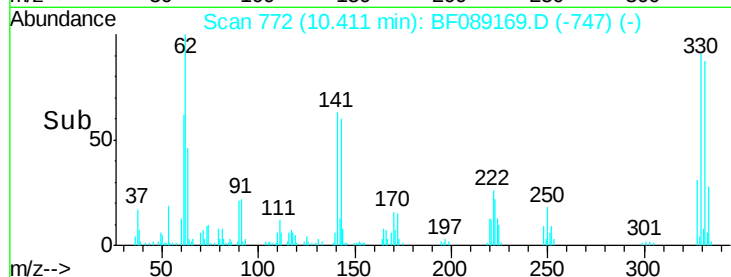
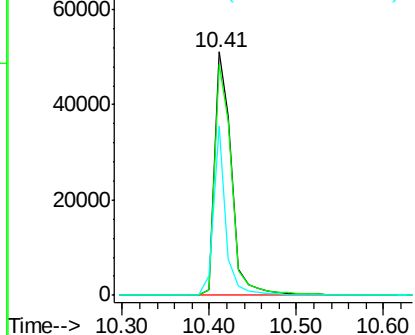
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	50.3	42.2	63.2

Manual Integrations

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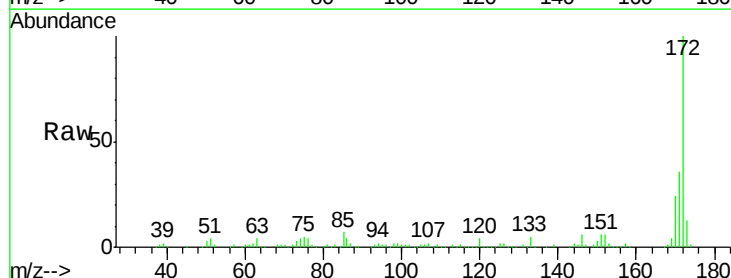


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

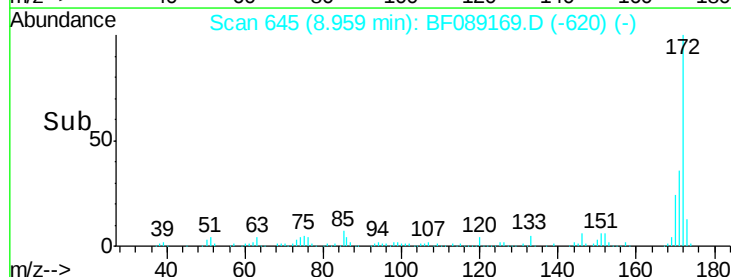
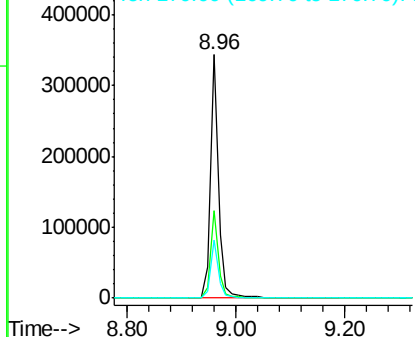


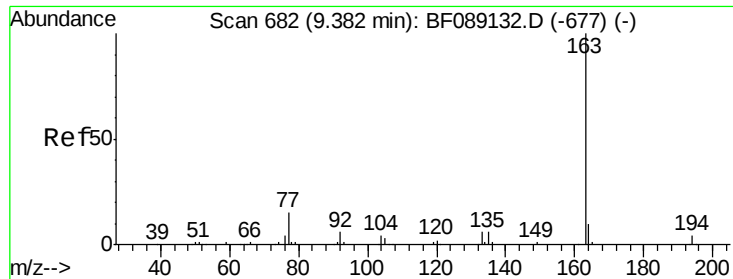
#44
 2-Fluorobiphenyl
 Concen: 50.12 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089169.D
 Acq: 21 Jul 2016 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.6	19.1	28.7



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





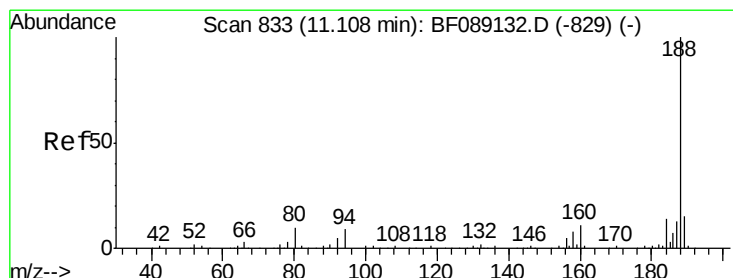
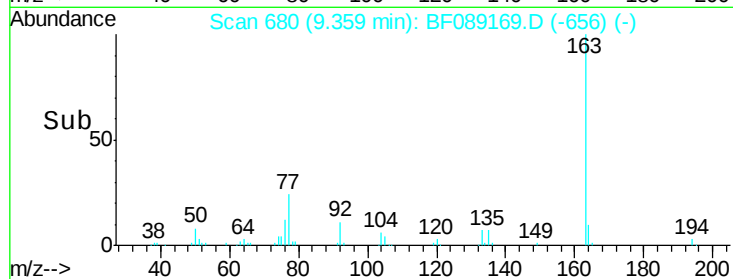
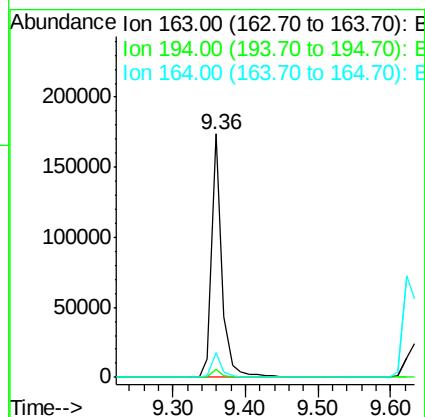
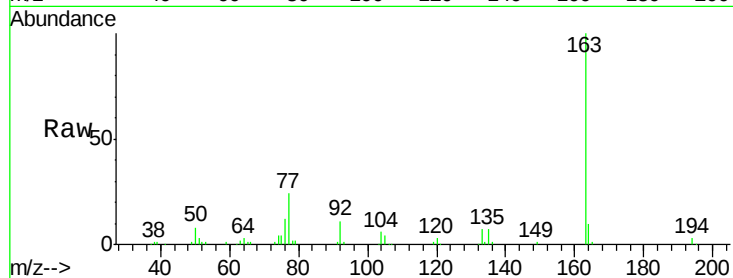
#49
Dimethylphthalate
Concen: 23.04 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089169.D
Acq: 21 Jul 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TS-03

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.0	7.6	11.4

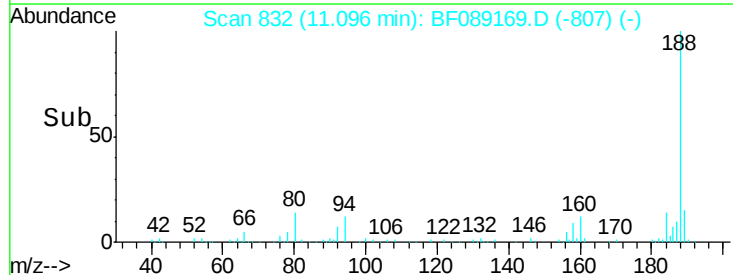
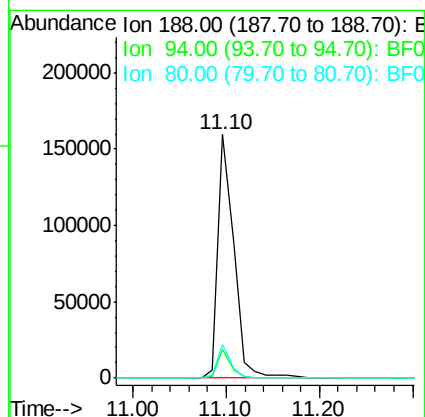
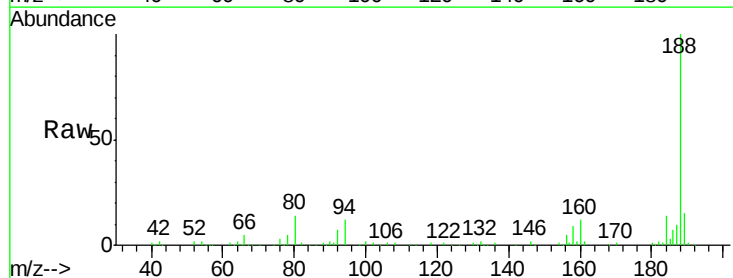
Manual Integrations

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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089169.D
Acq: 21 Jul 2016 9:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.0	10.4#
80	13.7	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089169.D

Acq: 21 Jul 2016 9:46

Instrument :

BNA_F

ClientSampled :

TS-03

Tot Ion:240 Resp: 125799

Ion Ratio Lower Upper

240 100

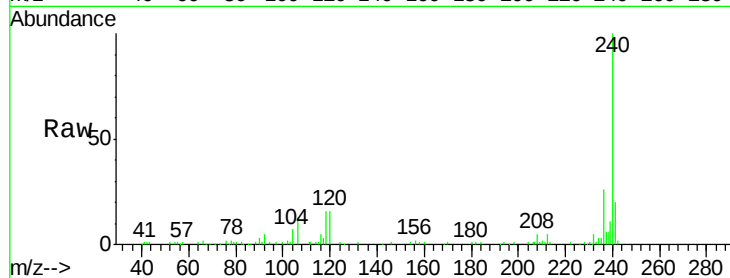
120 16.5 13.6 20.4

236 25.9 20.5 30.7

Manual Integrations

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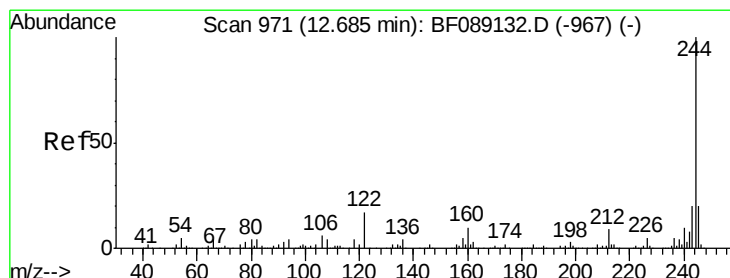
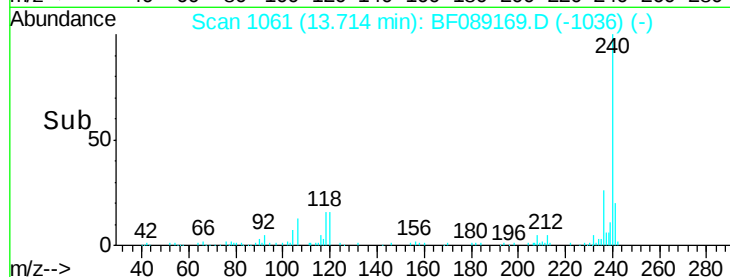
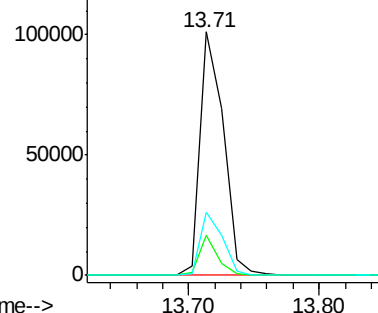
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 70.01 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089169.D

Acq: 21 Jul 2016 9:46

Tgt Ion:244 Resp: 406054

Ion Ratio Lower Upper

244 100

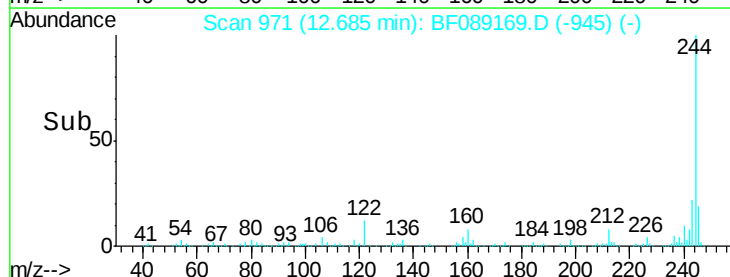
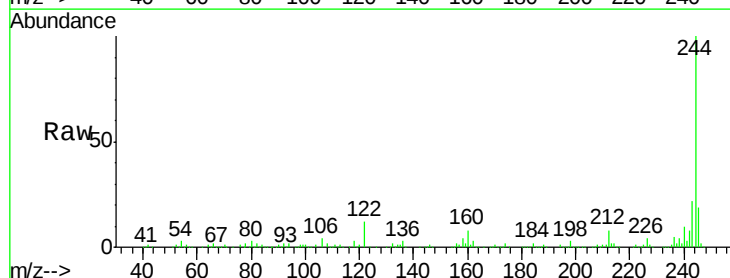
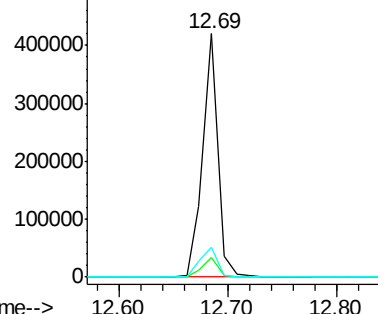
212 7.9 7.0 10.4

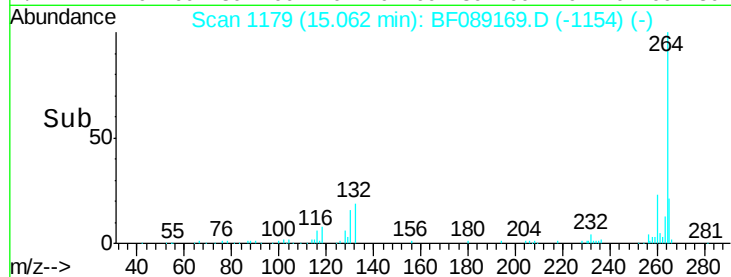
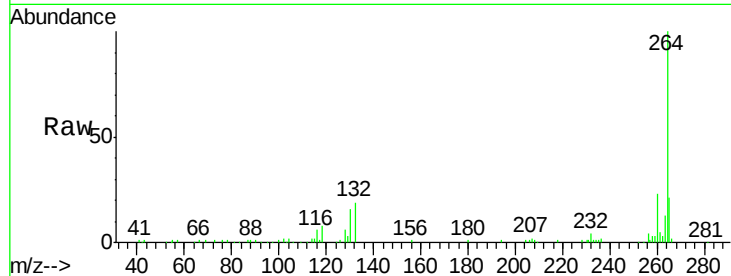
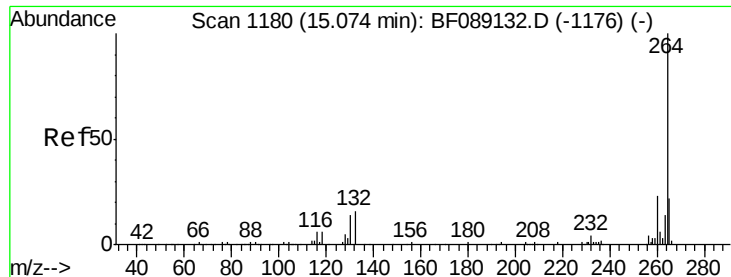
122 12.2 13.8 20.8#

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: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089169.D
Acq: 21 Jul 2016 9:46

Instrument :
BNA_F
ClientSampleId :
TS-03

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.0	18.5	27.7	
265	21.1	17.3	25.9	

Manual Integrations

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