

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089184.D
 Acq On : 21 Jul 2016 17:12
 Operator : UM/SJ
 Sample : H4150-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Manual Integrations

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Quant Time: Jul 22 01:50:17 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	42012m	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	177281	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	65988	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	110744	20.00	ng	0.00
75) Chrysene-d12	13.73	240	95951	20.00	ng	0.00
86) Perylene-d12	15.07	264	75490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	34613	12.53	ng	0.00
7) Phenol-d6	6.26	99	48450	13.60	ng	-0.01
23) Nitrobenzene-d5	7.16	82	28839	8.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	5624	9.47	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	45616	9.52	ng	-0.01
78) Terphenyl-d14	12.69	244	22578	5.10	ng	0.00

Target Compounds Qvalue

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

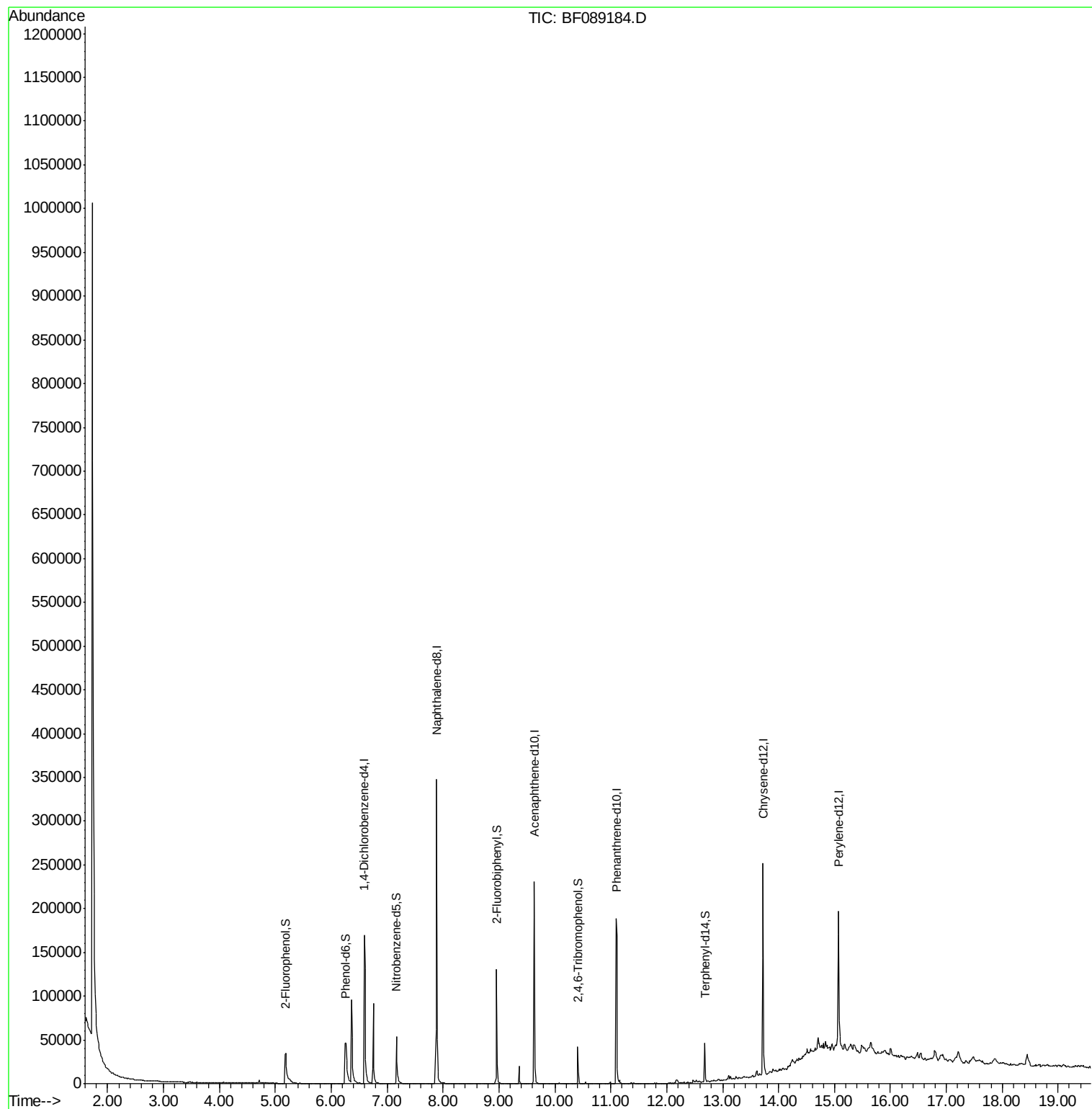
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089184.D
Acq On : 21 Jul 2016 17:12
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Misc :
ALS Vial : 20 Sample Multiplier: 1

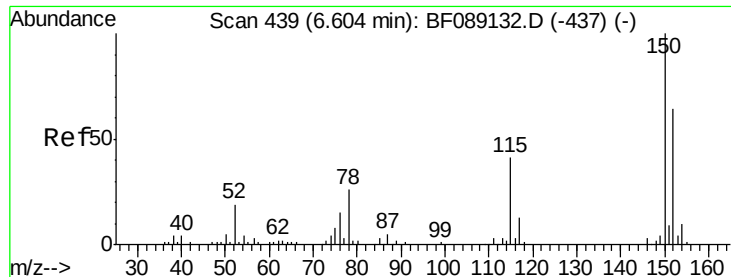
Instrument :
BNA_F
ClientSampleId :
TS-1

Quant Time: Jul 22 01:50:17 2016
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#1

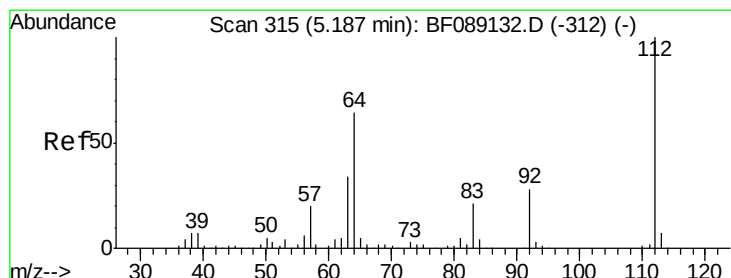
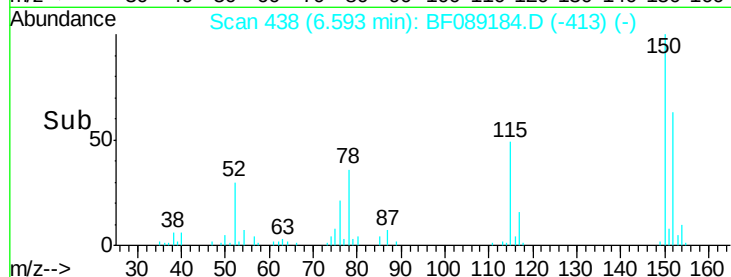
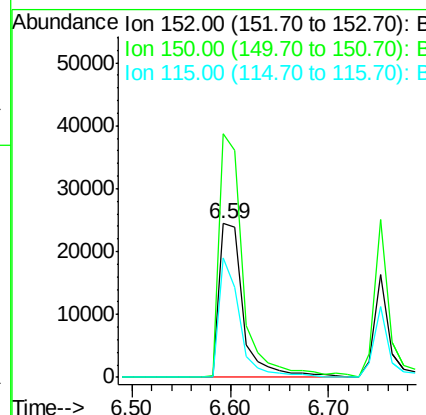
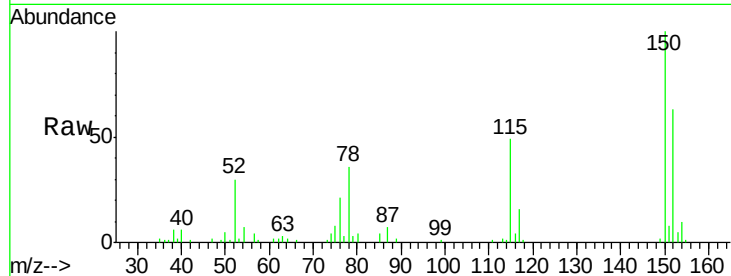
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

Instrument :
BNA_F
ClientSampled :
TS-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.1	187.7
115	78.0	51.1	76.7

Manual Integrations

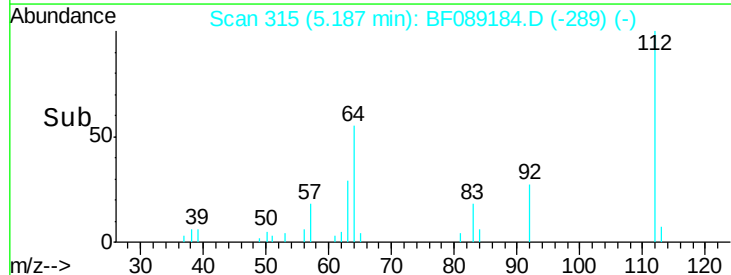
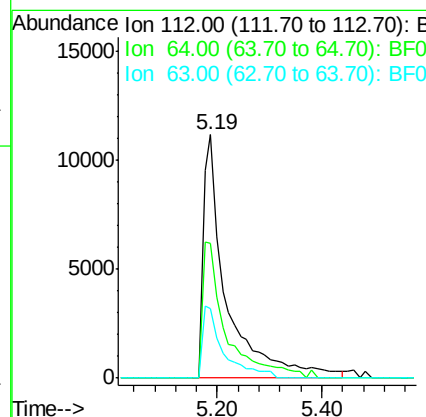
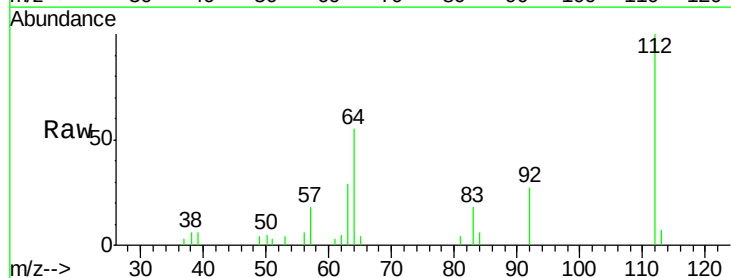
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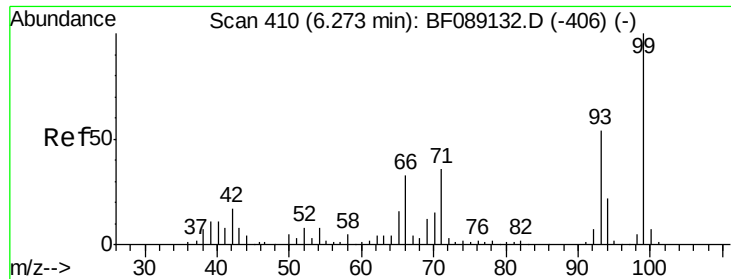


#5

2-Fluorophenol
Concen: 12.53 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	51.0	76.4
63	28.7	27.3	40.9





#7

Phenol-d6

Concen: 13.60 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089184.D

Acq: 21 Jul 2016 17:12

Instrument :

BNA_F

ClientSampleId :

TS-1

Tot Ion: 99 Resp: 48450

Ion Ratio Lower Upper

99 100

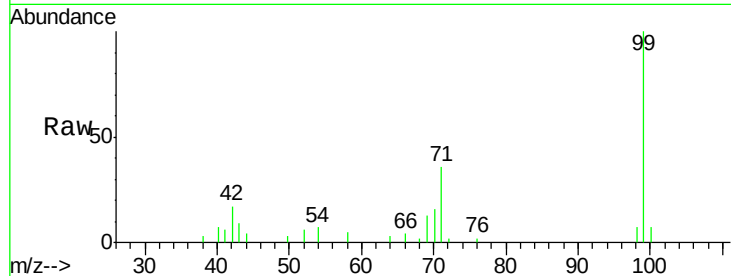
42 17.0 13.5 20.3

71 35.6 28.9 43.3

Manual Integrations

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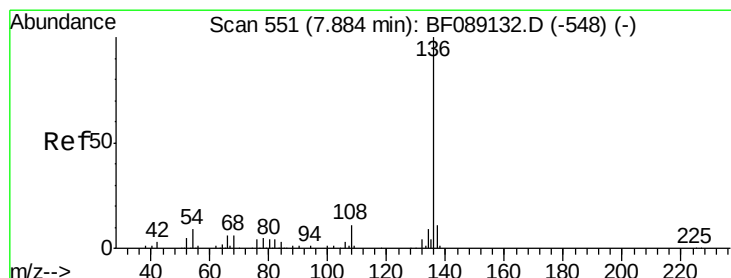
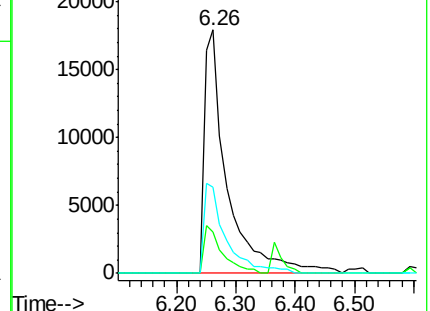
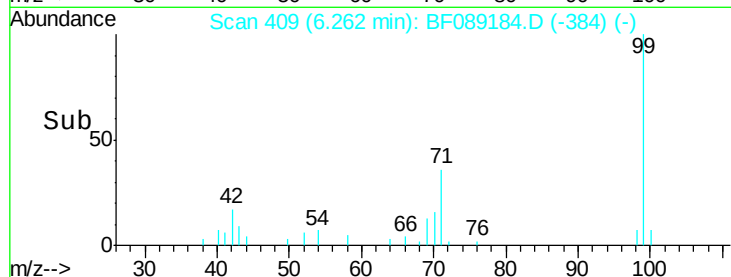
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: BF089184.D

Acq: 21 Jul 2016 17:12

Tgt Ion: 136 Resp: 177281

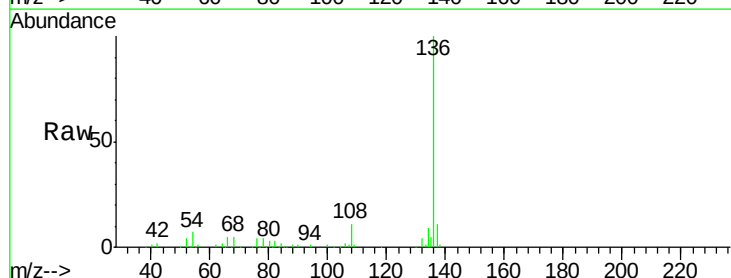
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.6 7.0 10.4#

68 5.0 5.0 7.6#

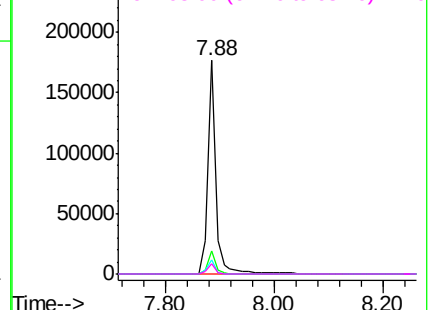
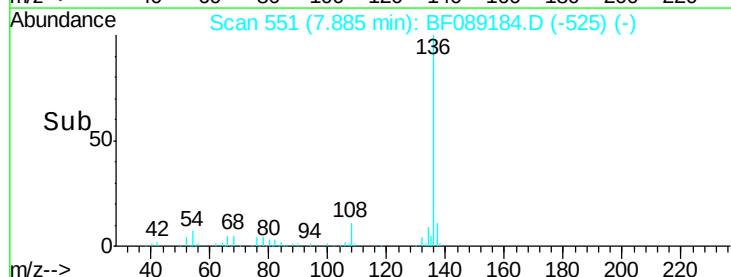


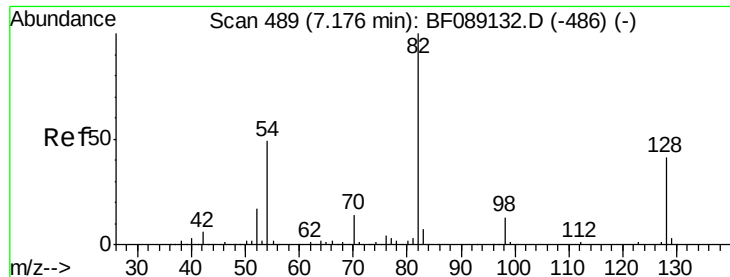
Abundance Ion 136.00 (135.70 to 136.70): E

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





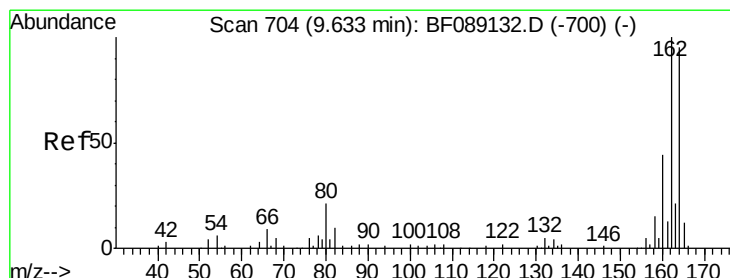
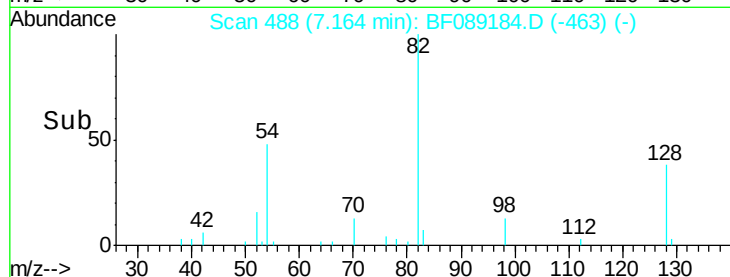
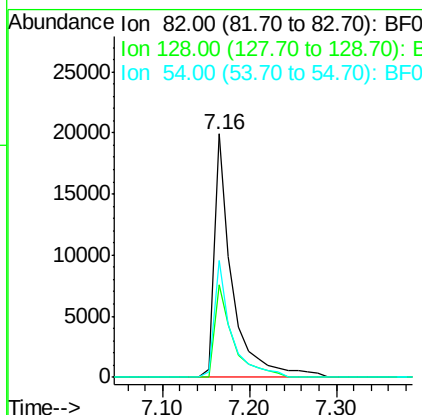
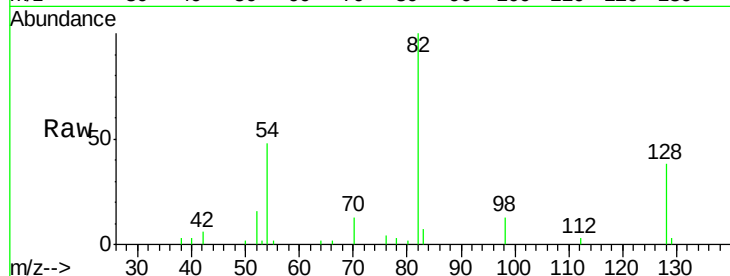
#23
 Nitrobenzene-d5
 Concen: 8.64 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Instrument :
 BNA_F
 ClientSampled :
 TS-1

Tot Ion:	82	Resp:	28839
Ion Ratio	Lower	Upper	
82	100		
128	37.8	33.0	49.6
54	48.1	39.0	58.4

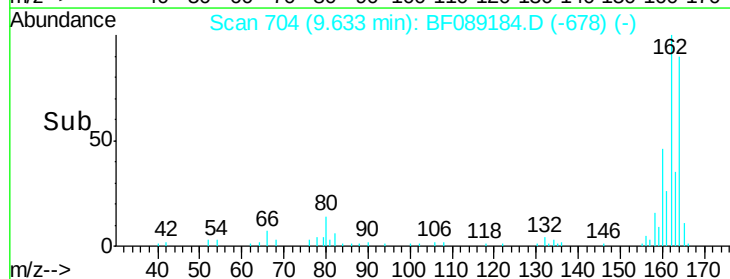
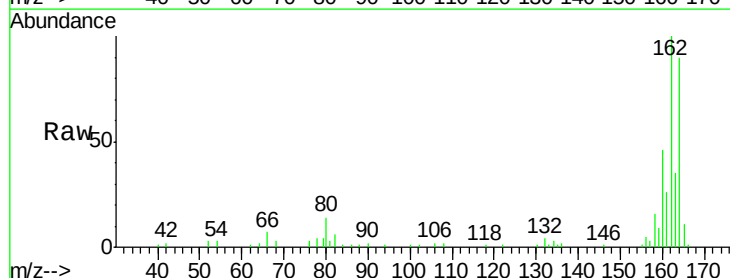
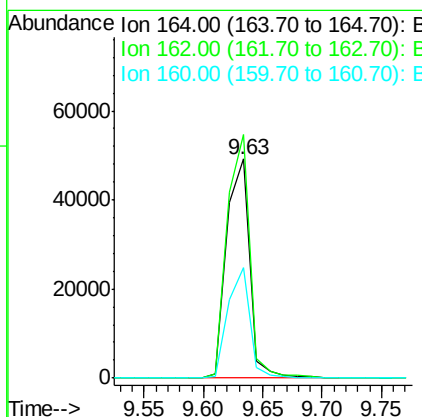
Manual Integrations

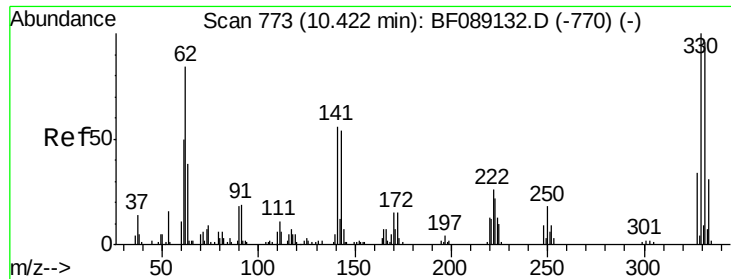
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Tgt Ion:	164	Resp:	65988
Ion Ratio	Lower	Upper	
164	100		
162	111.3	84.1	126.1
160	50.8	37.1	55.7





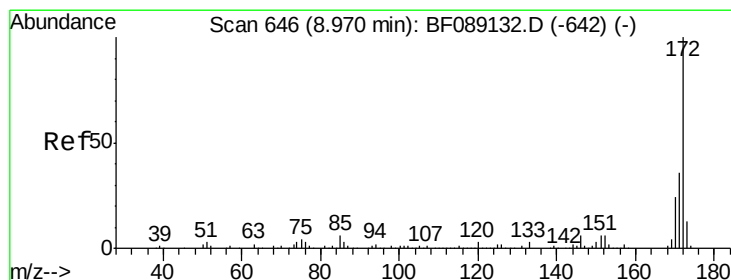
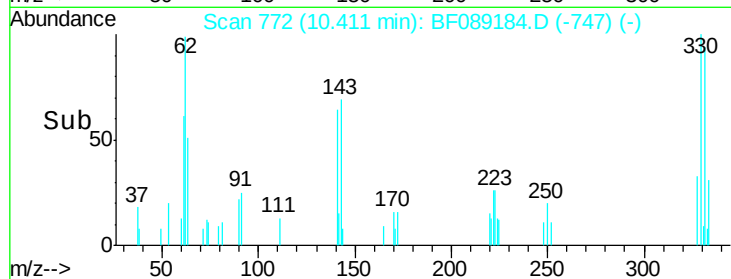
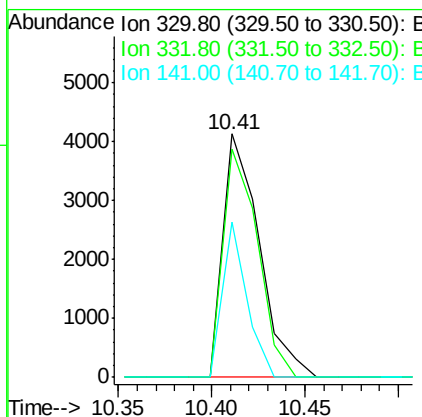
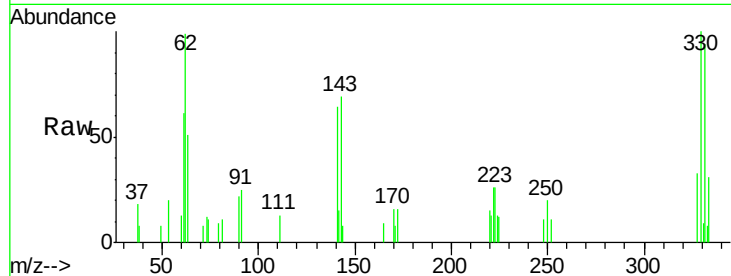
#41
 2,4,6-Tribromophenol
 Concen: 9.47 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Instrument :
 BNA_F
 ClientSampled :
 TS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	89.0	77.2	115.8
141	42.7	42.2	63.2

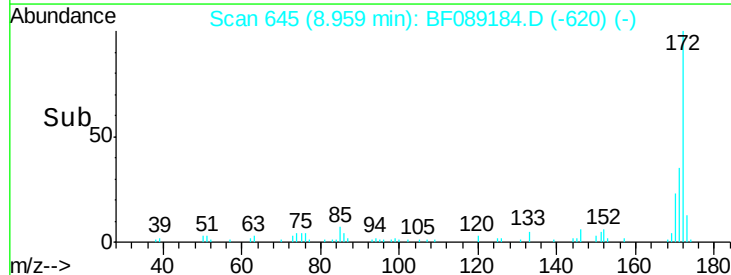
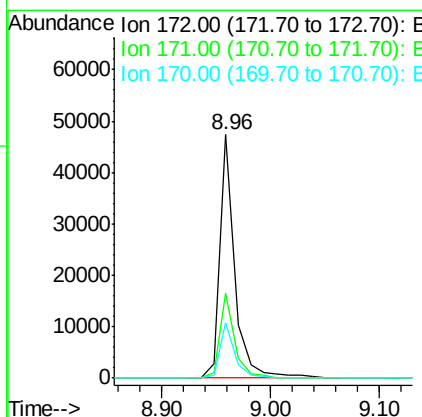
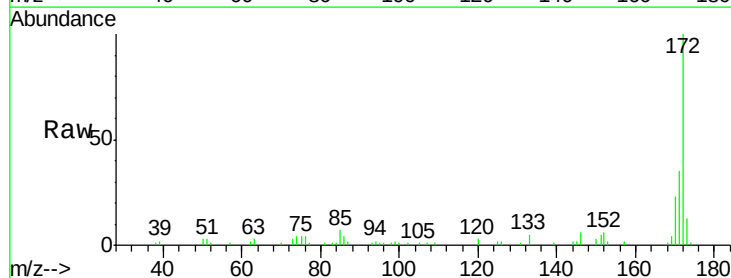
Manual Integrations

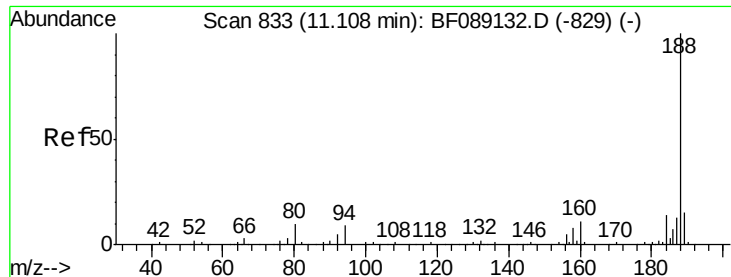
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#44
 2-Fluorobiphenyl
 Concen: 9.52 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	22.6	19.1	28.7





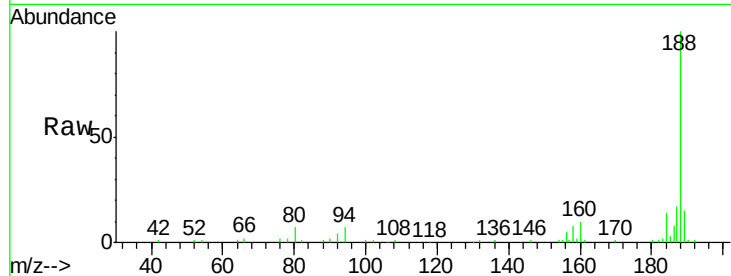
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

Instrument :
BNA_F
ClientSampleId :
TS-1

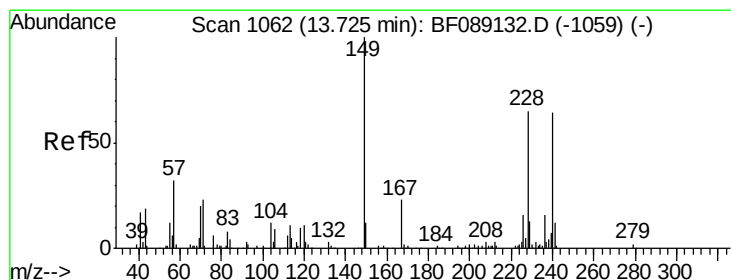
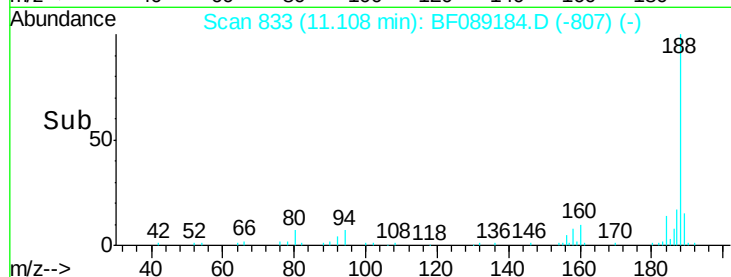
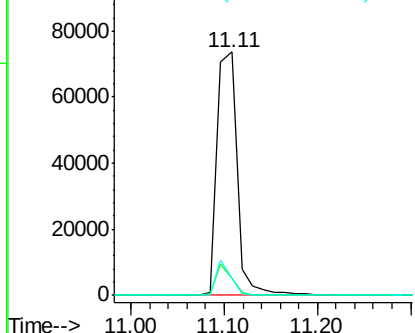
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.0	10.4#
80	7.2	7.7	11.5#

Manual Integrations

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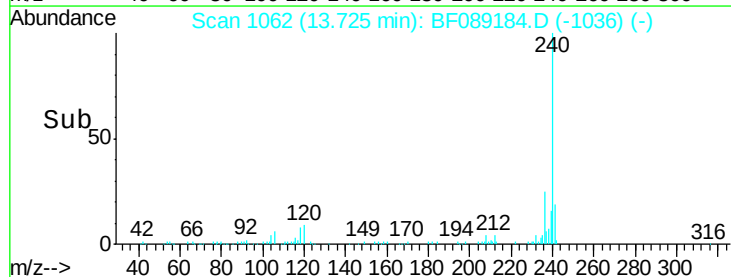
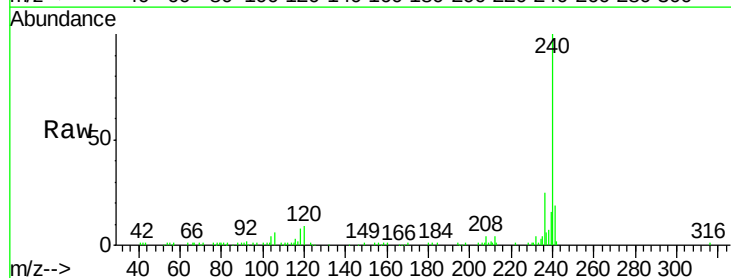
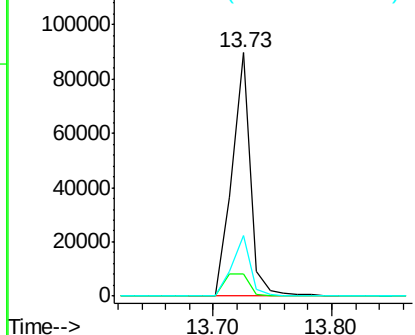
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

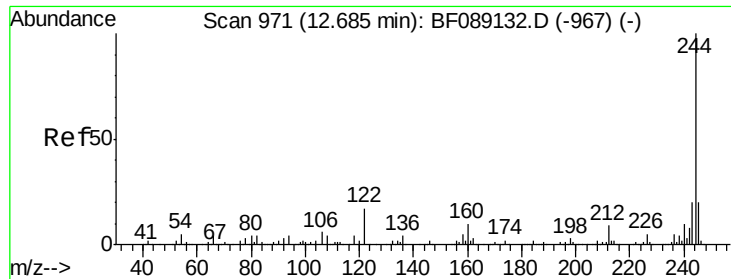


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089184.D
Acq: 21 Jul 2016 17:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	13.6	20.4#
236	24.7	20.5	30.7

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





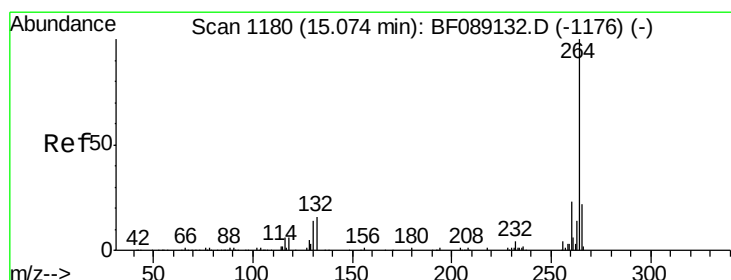
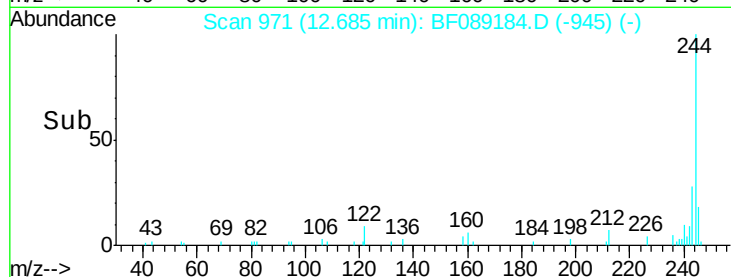
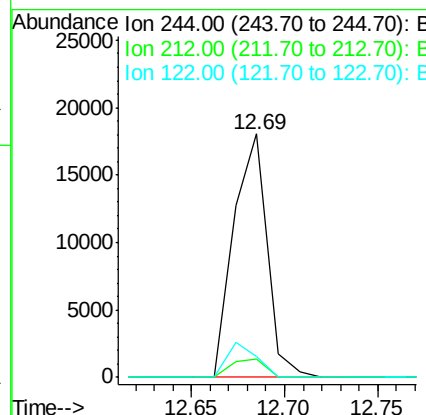
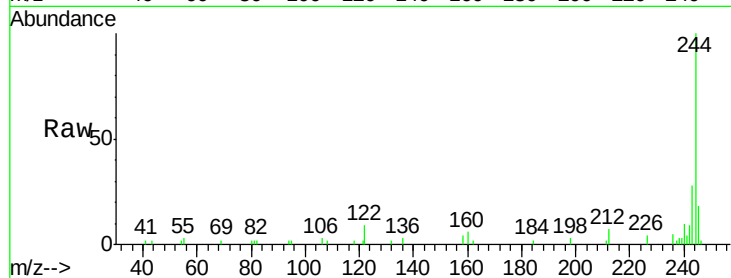
#78
 Terphenyl-d14
 Concen: 5.10 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Instrument :
 BNA_F
 ClientSampled :
 TS-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.0	10.4
122	8.6	13.8	20.8

Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089184.D
 Acq: 21 Jul 2016 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	21.9	17.3	25.9

