

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088885.D
 Acq On : 9 Jul 2016 21:59
 Operator : UM/SJ
 Sample : H3813-24 25X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Manual Integrations

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Quant Time: Jul 11 06:03:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	75916m	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	294165	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	144175	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	271447	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	153064	20.00	ng	-0.02
86) Perylene-d12	15.23	264	141297	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	10473	2.07	ng	-0.02
7) Phenol-d6	6.34	99	9310	1.42	ng	-0.03
23) Nitrobenzene-d5	7.28	82	19333	3.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	8005	5.98	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	41895	4.59	ng	-0.01
78) Terphenyl-d14	12.81	244	32833	4.78	ng	-0.01

Target Compounds Qvalue

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

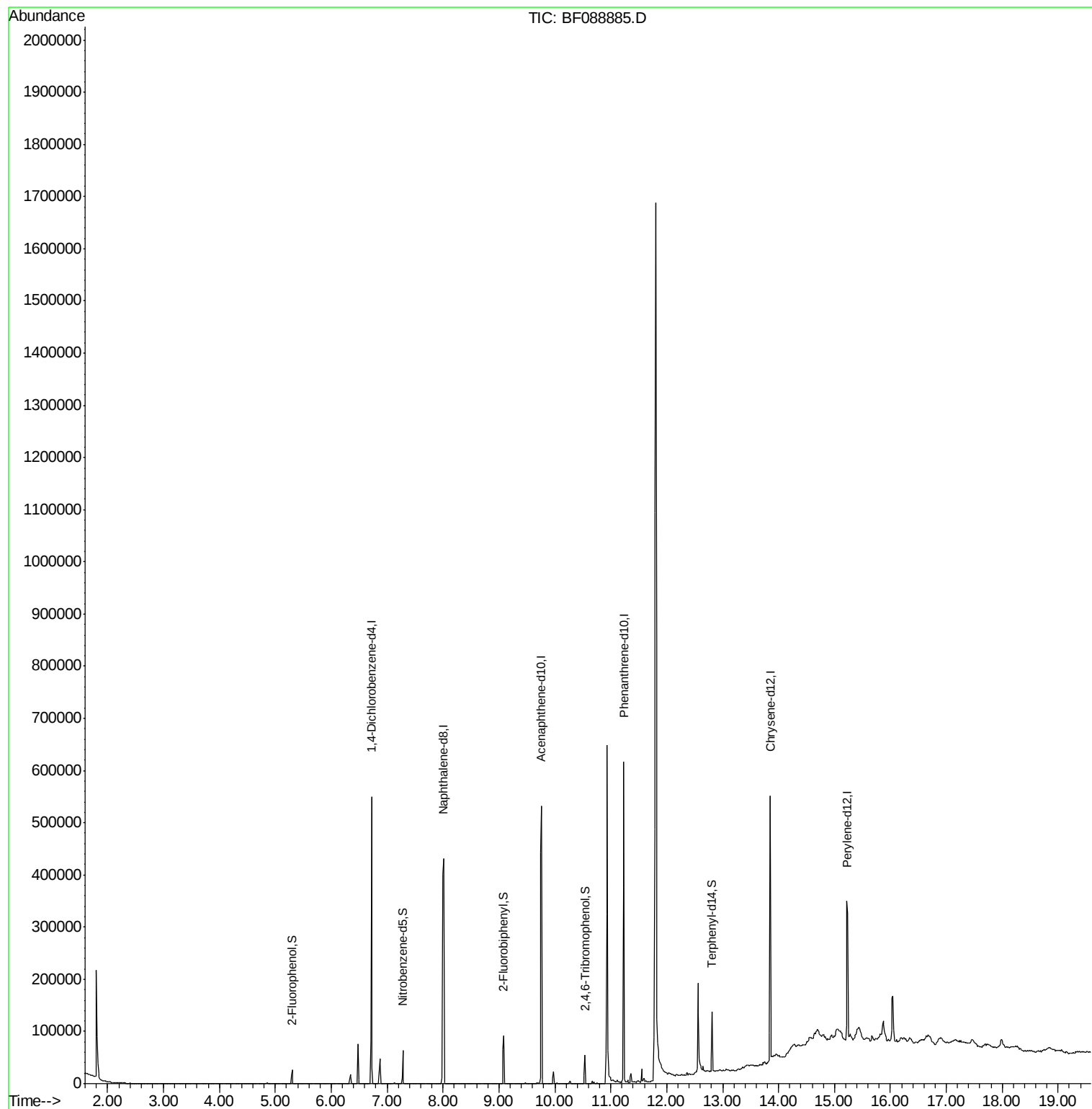
Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
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#1

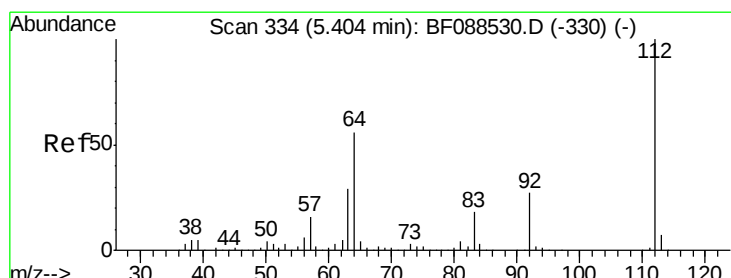
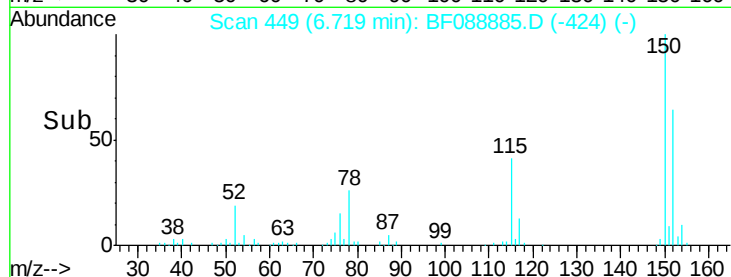
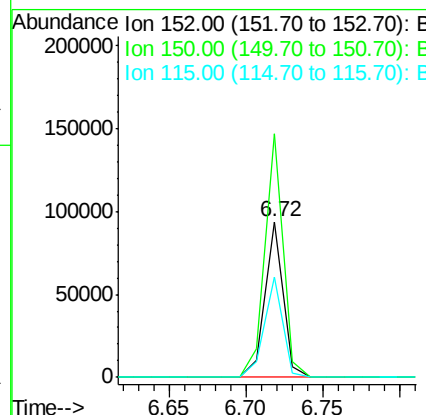
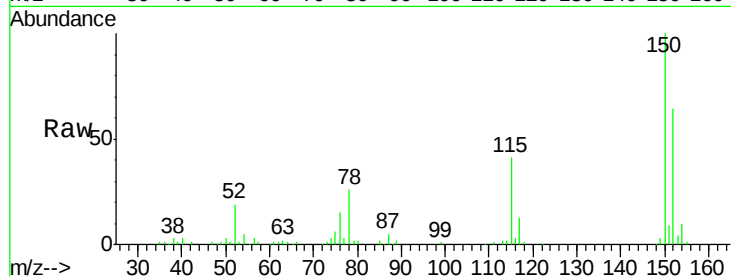
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	64.9	39.6	59.4

Manual Integrations

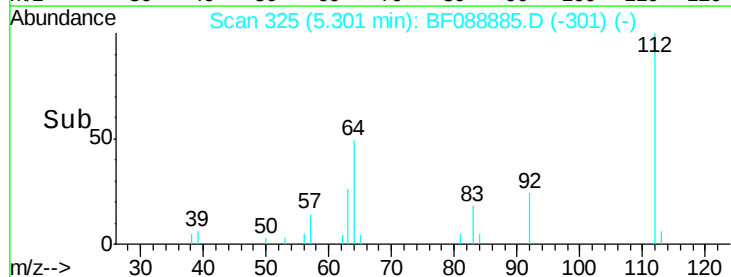
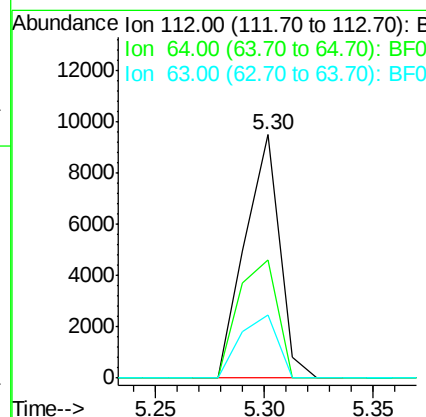
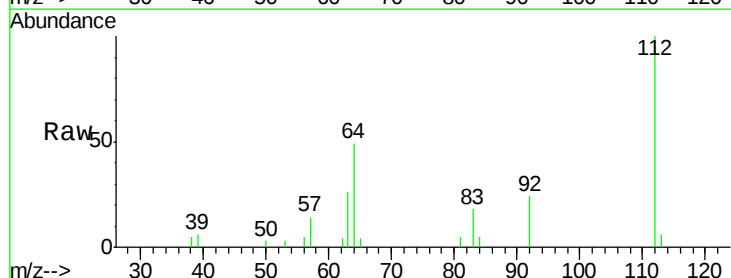
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#5

2-Fluorophenol
Concen: 2.07 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.5	42.2	63.2
63	25.8	21.8	32.8





#7

Phenol-d6

Concen: 1.42 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01

Tot Ion: 99 Resp: 9310

Ion Ratio Lower Upper

99 100

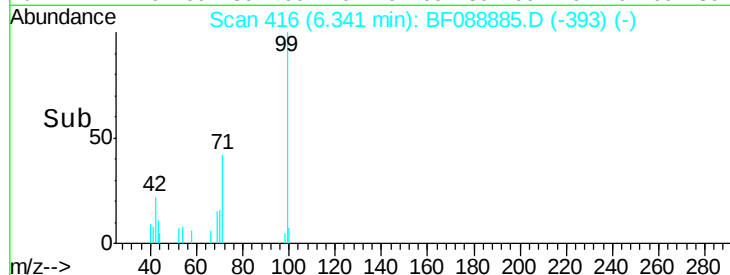
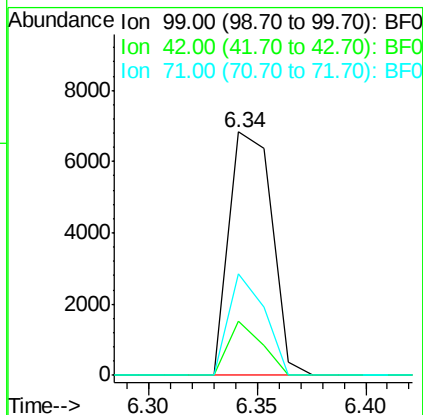
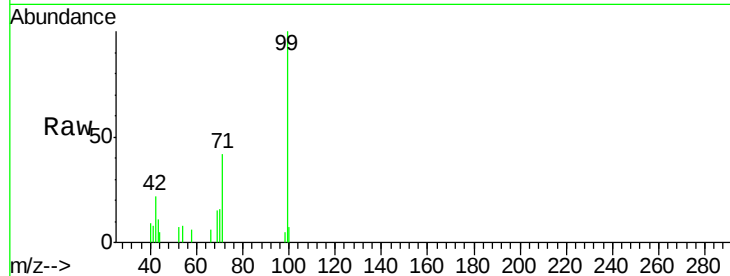
42 22.3 12.2 18.2#

71 41.6 23.4 35.0#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Tgt Ion: 136 Resp: 294165

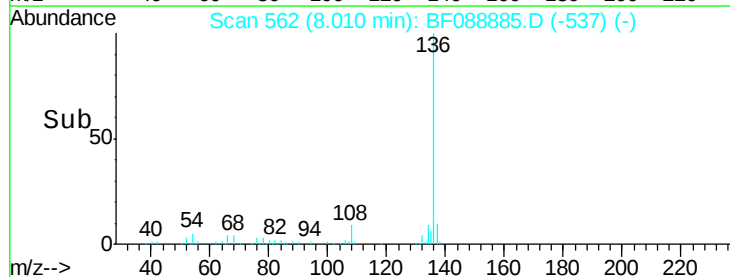
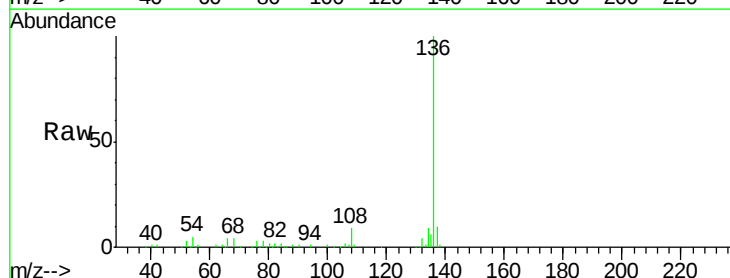
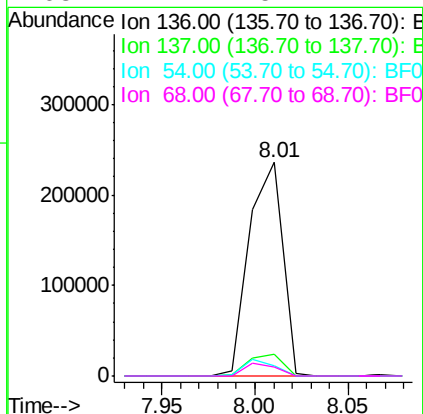
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.6 6.6 10.0#

68 4.1 5.1 7.7#





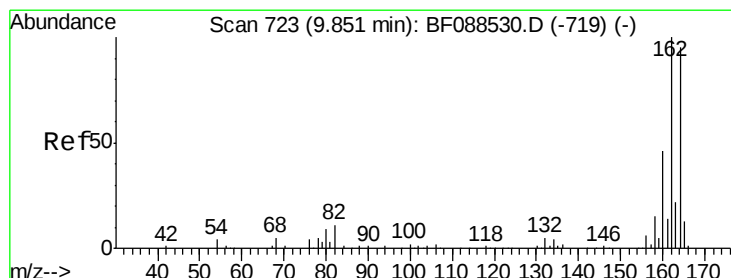
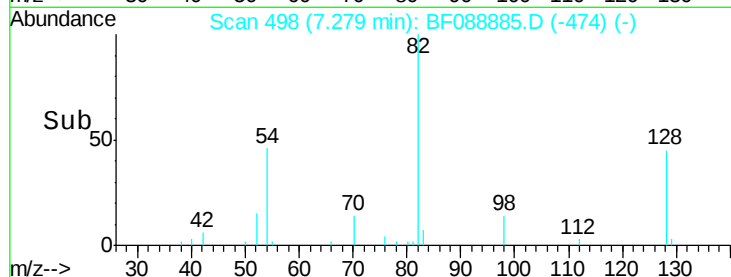
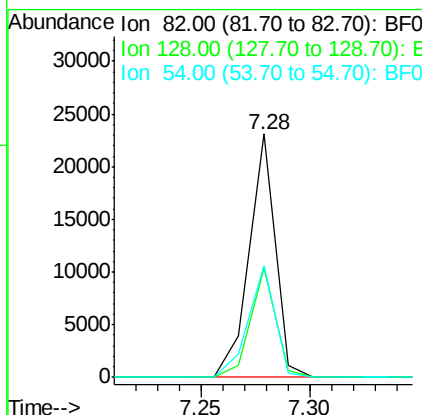
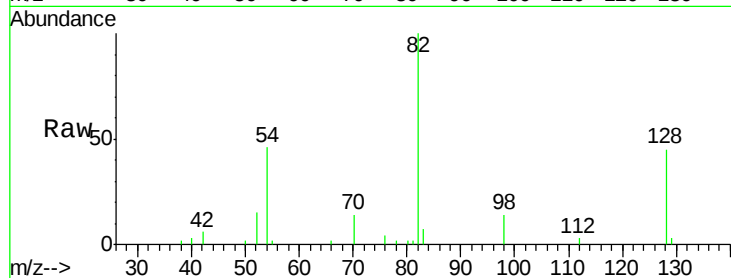
#23
 Nitrobenzene-d5
 Concen: 3.44 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Tot Ion	82	Resp	19333
Ion Ratio	100	Lower	Upper
82	100		
128	44.7	35.9	53.9
54	46.0	40.9	61.3

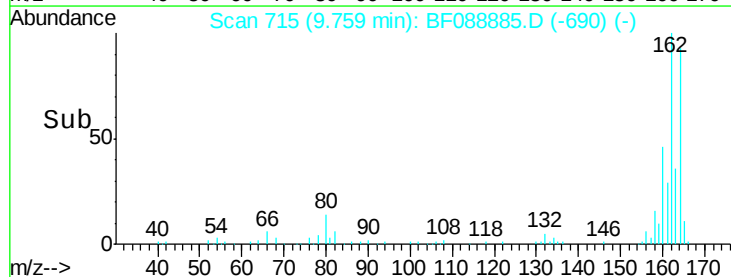
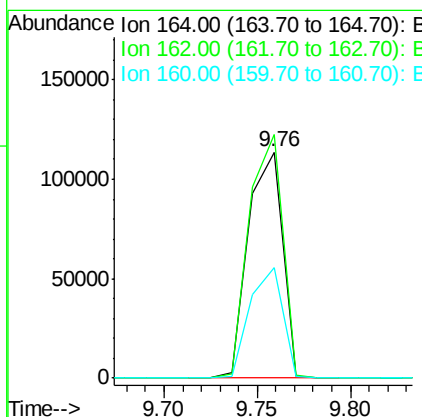
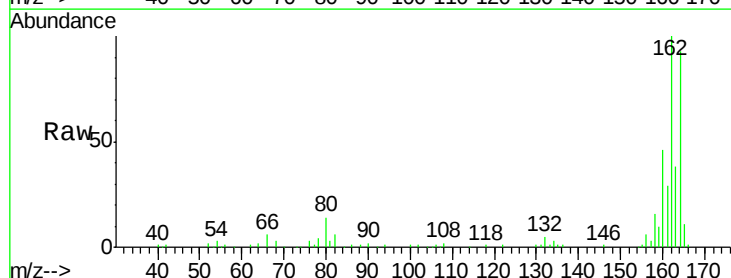
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Tgt Ion	164	Resp	144175
Ion Ratio	100	Lower	Upper
164	100		
162	107.7	85.4	128.2
160	49.1	39.5	59.3





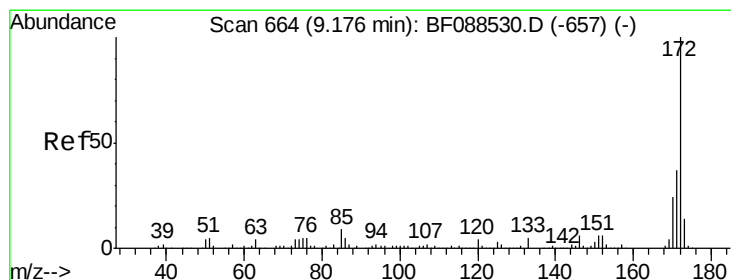
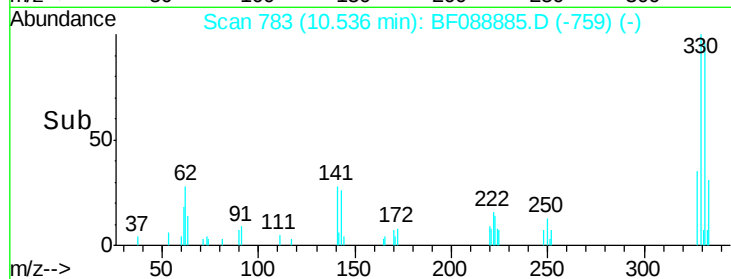
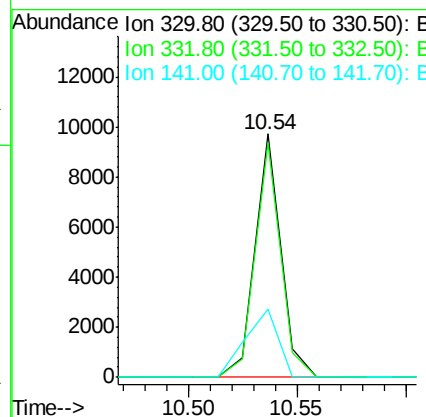
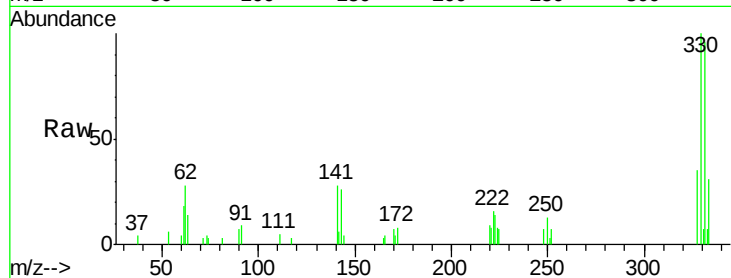
#41
 2,4,6-Tribromophenol
 Concen: 5.98 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	0.0	0.0	0.0
141	35.3	0.0	0.0	0.0

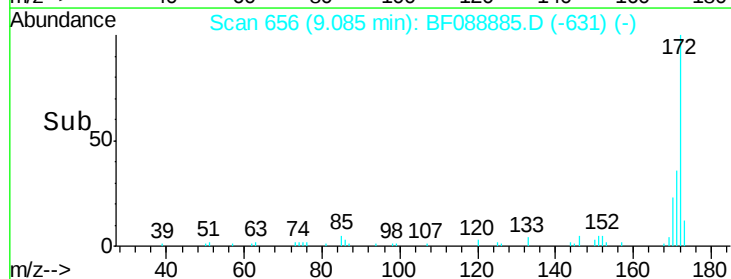
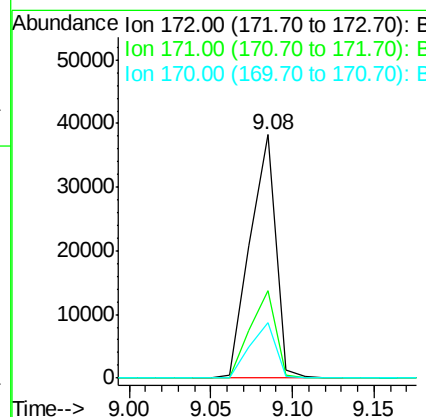
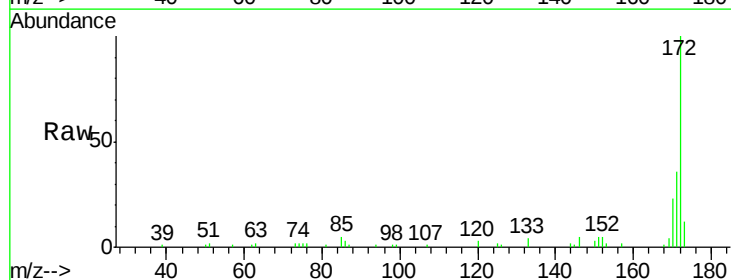
Manual Integrations

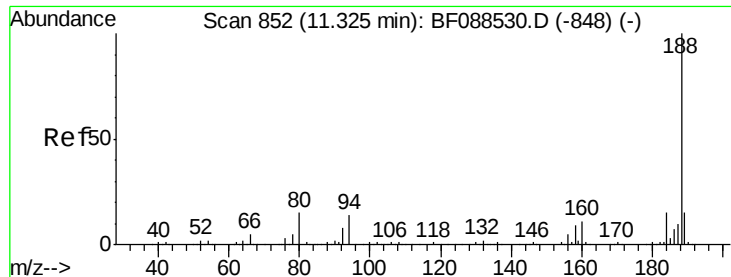
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#44
 2-Fluorobiphenyl
 Concen: 4.59 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	28.6	43.0	
170	22.6	19.2	28.8	





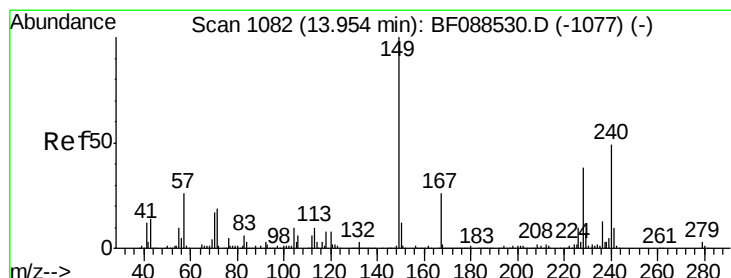
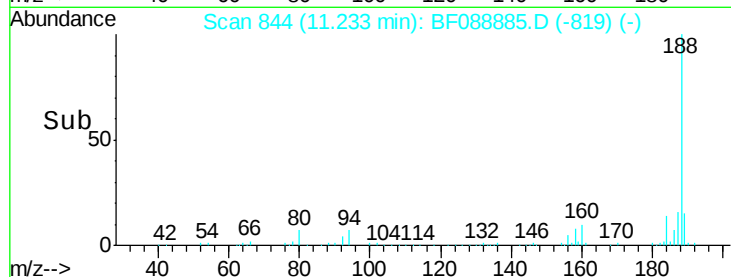
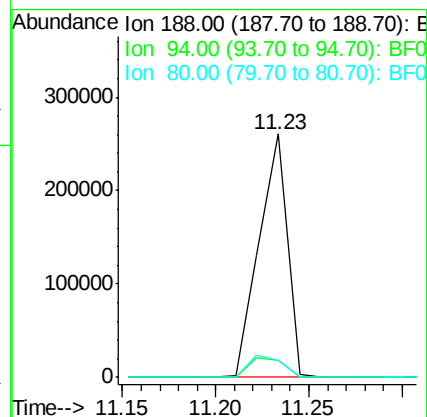
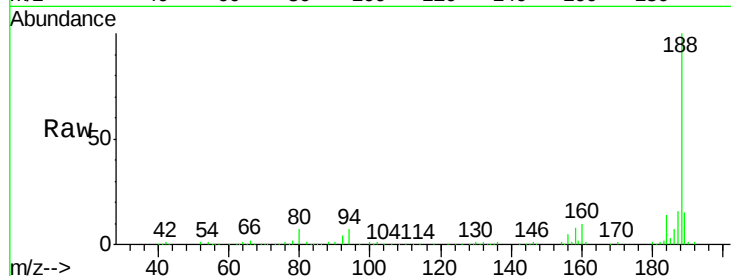
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampled :
P001-WW001-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	271447		
94	6.9	9.0	13.6#	
80	7.1	10.0	15.0#	

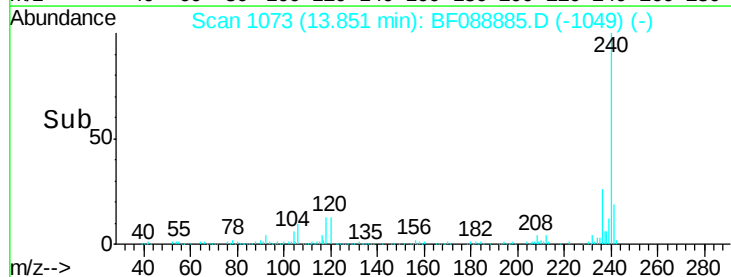
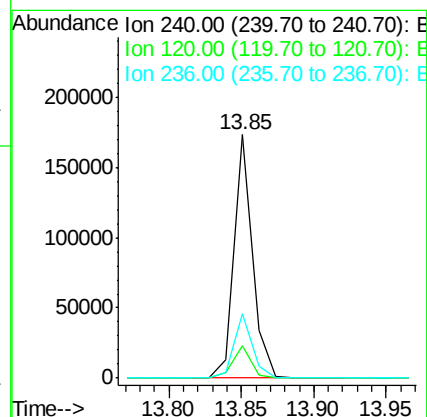
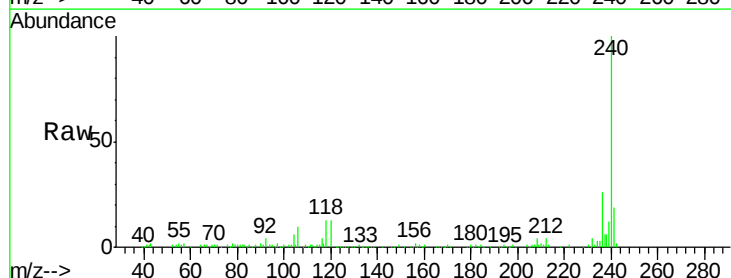
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	153064		
120	13.1	6.8	10.2#	
236	26.4	20.2	30.2	





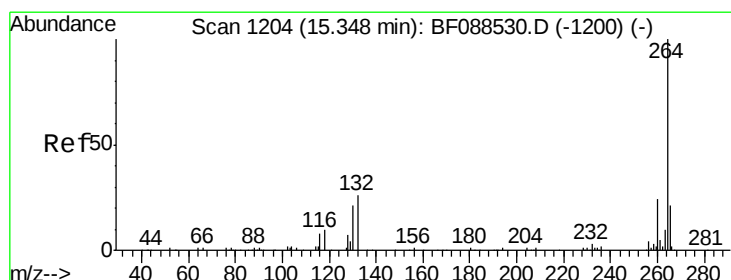
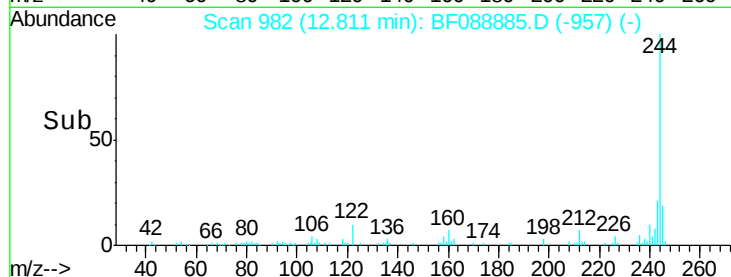
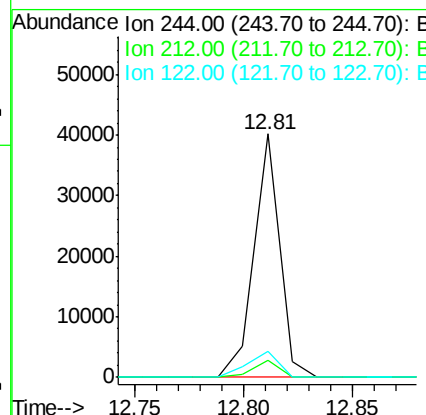
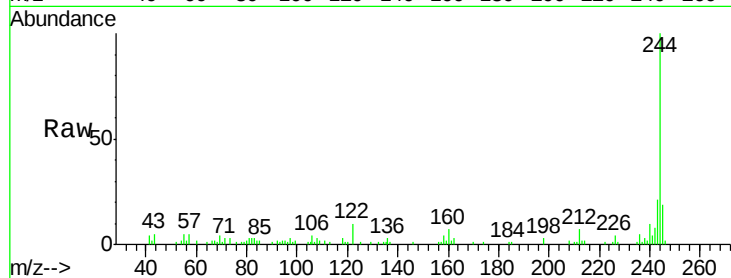
#78
 Terphenyl-d14
 Concen: 4.78 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.5	11.2	16.8

Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	16.9	25.3

