

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089058.D
 Acq On : 16 Jul 2016 16:41
 Operator : UM/SJ
 Sample : H3989-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B3(0-6)C

Manual Integrations

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Quant Time: Jul 18 15:28:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	60474	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	230865	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	97404	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	140772	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	107398	20.00	ng	-0.05
86) Perylene-d12	15.19	264	76583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	329128	81.57	ng	-0.03
7) Phenol-d6	6.32	99	424473	81.41	ng	-0.03
23) Nitrobenzene-d5	7.23	82	292254	66.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	61302	67.77	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	437432	70.94	ng	-0.05
78) Terphenyl-d14	12.77	244	297785	61.76	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.43	163	100866	14.54	ng	Qvalue 100
74) Fluoranthene	12.39	202	23192	2.97	ng	94
77) Pyrene	12.61	202	22881m	2.51	ng	
80) Benzo(a)anthracene	13.79	228	16241	2.35	ng	# 87

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

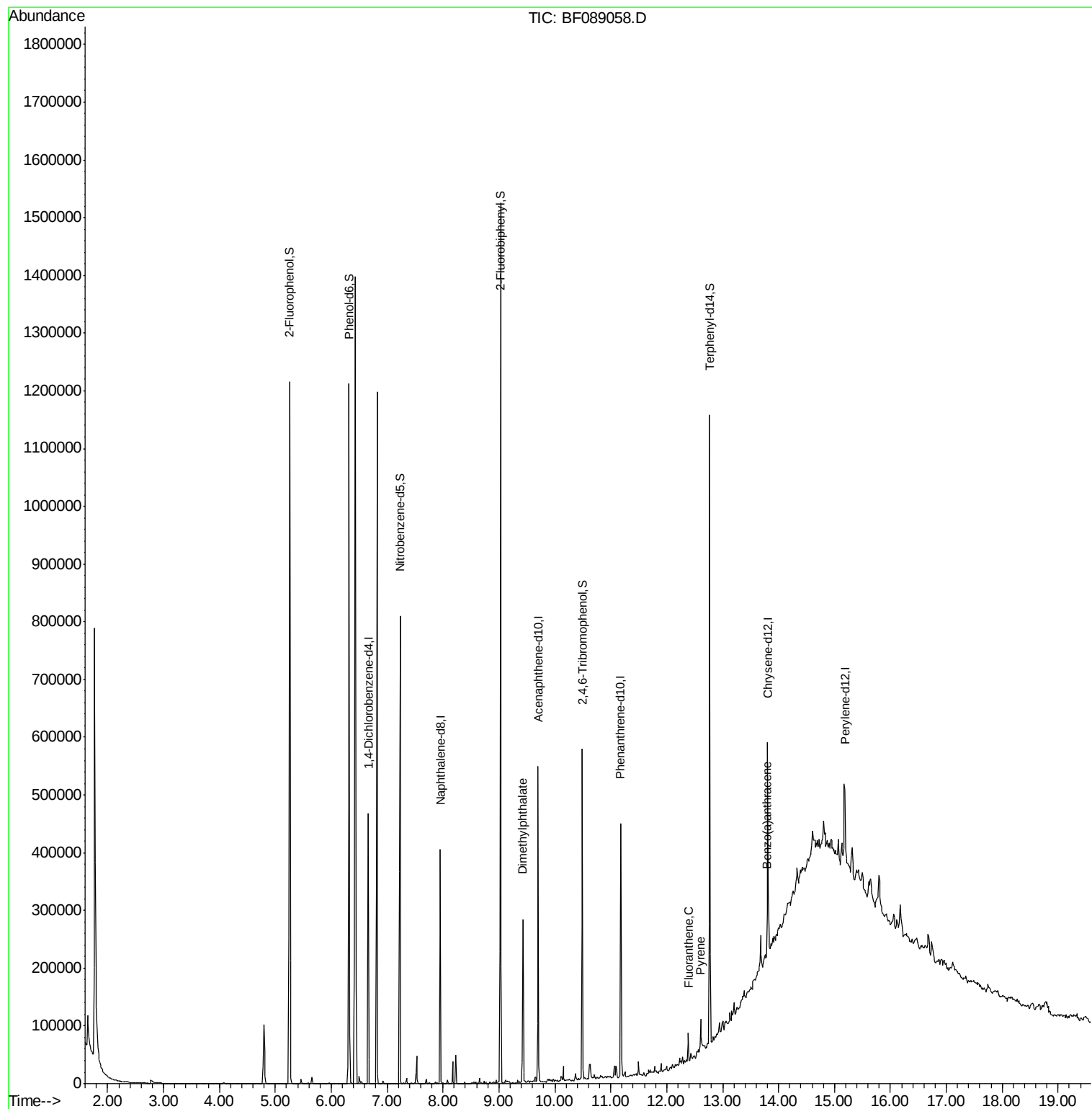
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089058.D
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Quant Time: Jul 18 15:28:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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#1

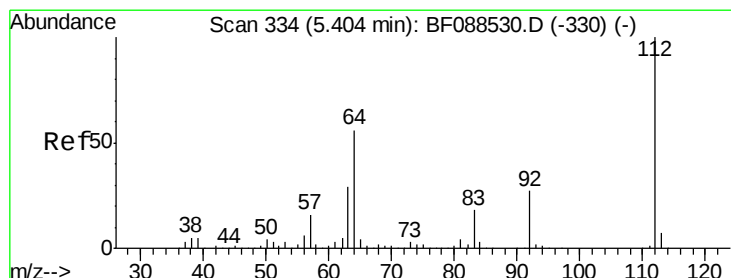
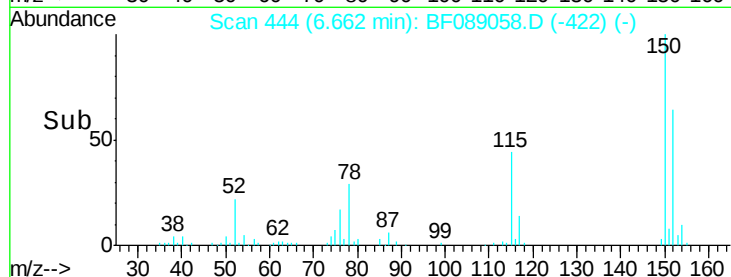
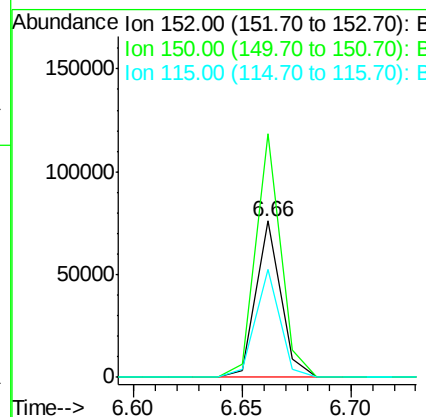
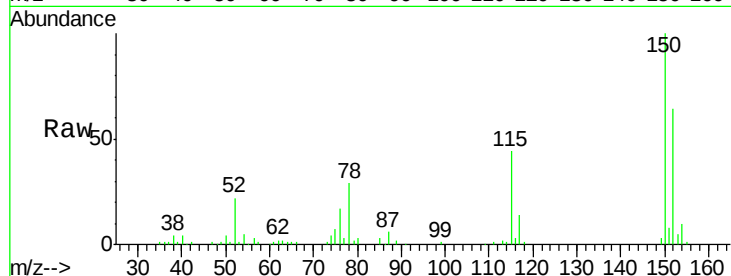
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089058.D
Acq: 16 Jul 2016 16:41

Instrument :
BNA_F
ClientSampleId :
Q7-B3(0-6)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	69.0	39.6	59.4

Manual Integrations

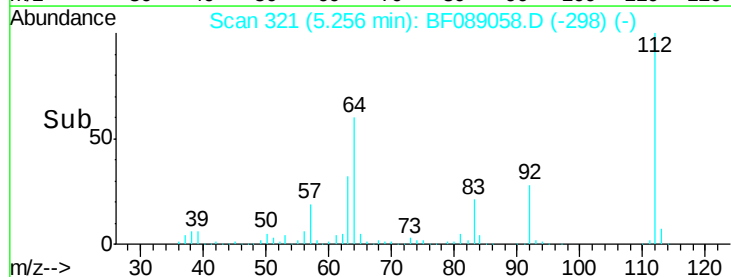
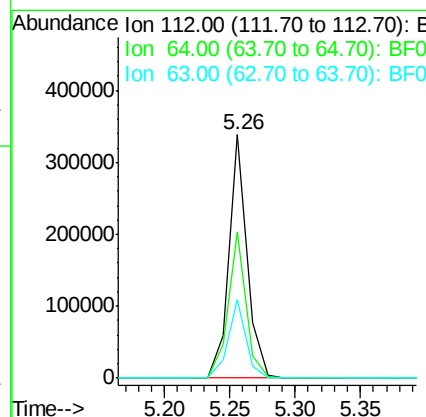
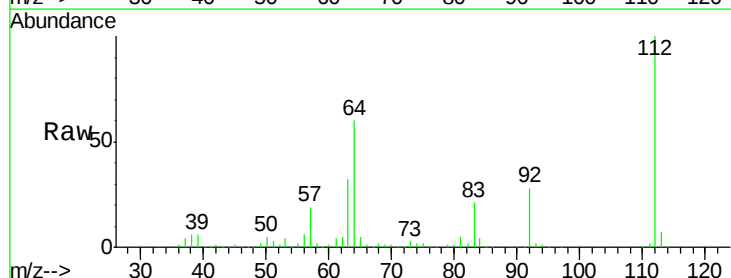
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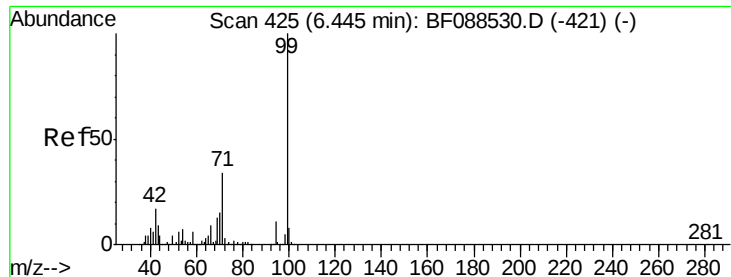


#5

2-Fluorophenol
Concen: 81.57 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.03 min
Lab File: BF089058.D
Acq: 16 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	42.2	63.2
63	32.5	21.8	32.8





#7

Phenol-d6

Concen: 81.41 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089058.D

Acq: 16 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

Q7-B3(0-6)C

Tot Ion: 99 Resp: 424473

Ion Ratio Lower Upper

99 100

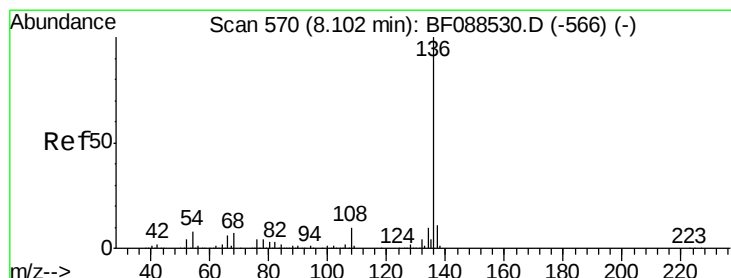
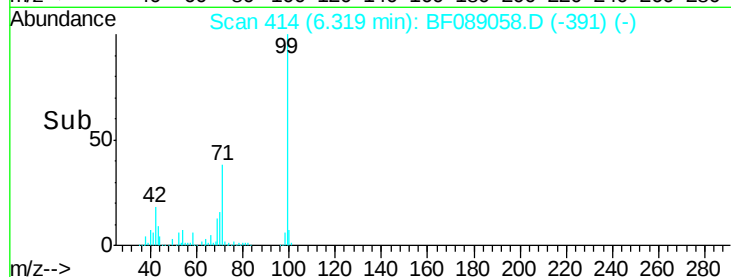
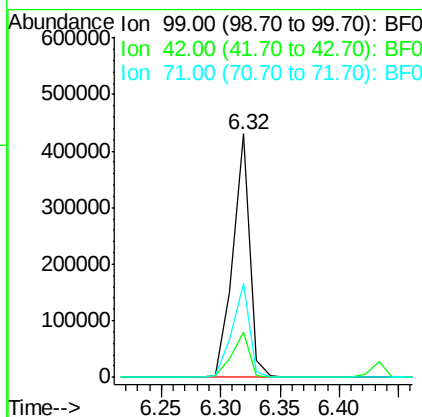
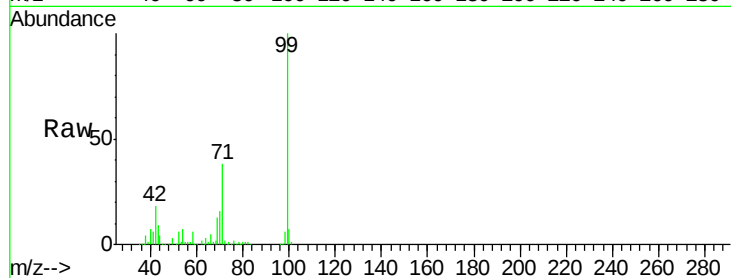
42 18.3 12.2 18.2#

71 38.4 23.4 35.0#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF089058.D

Acq: 16 Jul 2016 16:41

Tgt Ion: 136 Resp: 230865

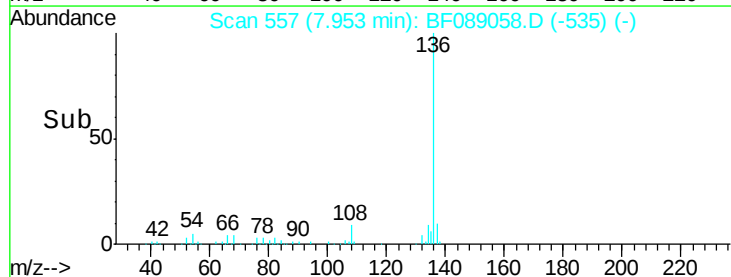
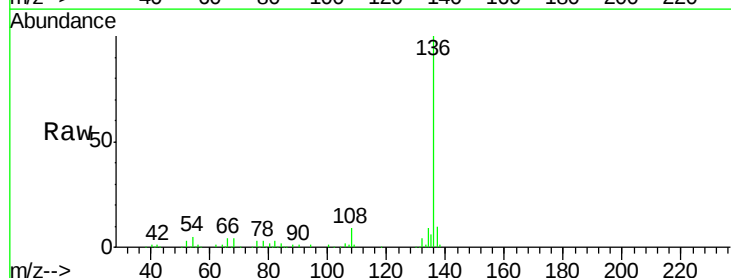
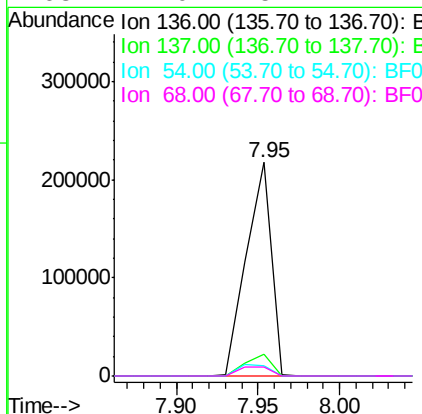
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.8 6.6 10.0#

68 4.0 5.1 7.7#





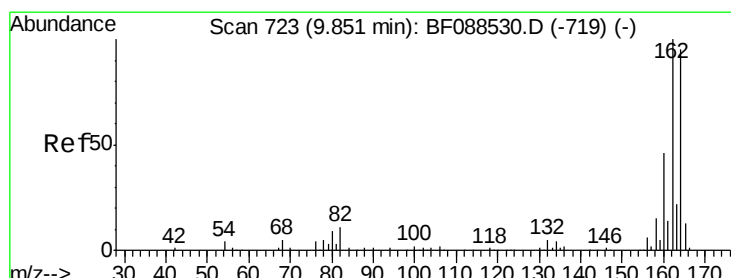
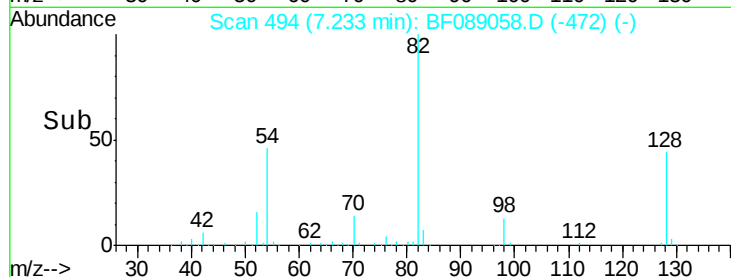
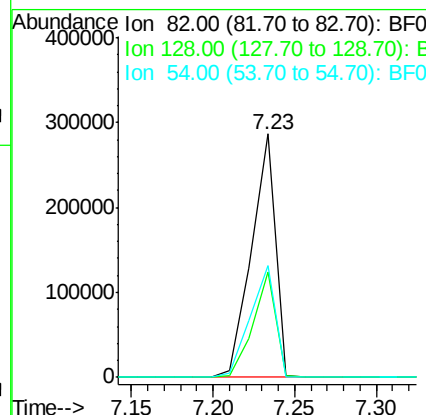
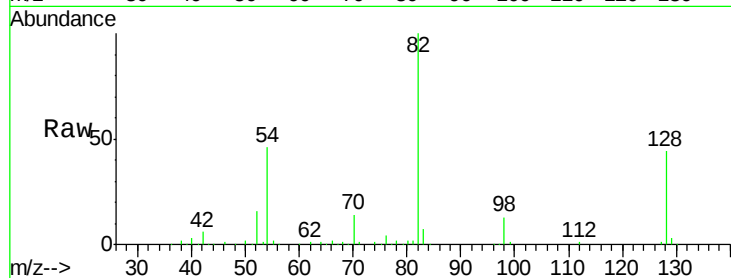
#23
 Nitrobenzene-d5
 Concen: 66.34 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF089058.D
 Acq: 16 Jul 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B3(0-6)C

Tot Ion	82	Resp	292254
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.9	53.9
54	45.9	40.9	61.3

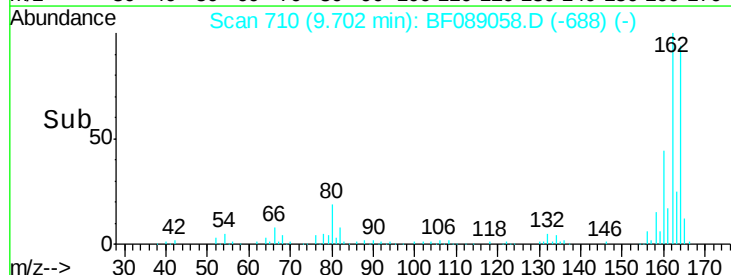
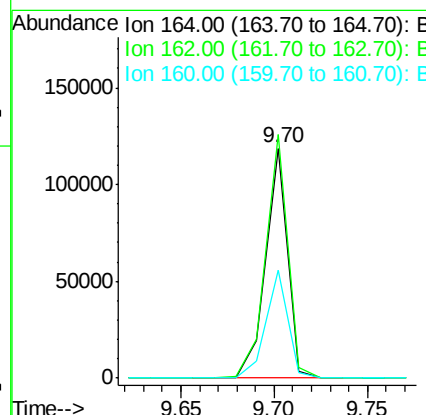
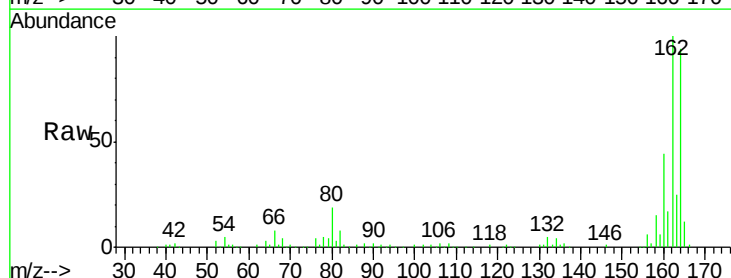
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.05 min
 Lab File: BF089058.D
 Acq: 16 Jul 2016 16:41

Tgt Ion	164	Resp	97404
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.4	128.2
160	46.9	39.5	59.3





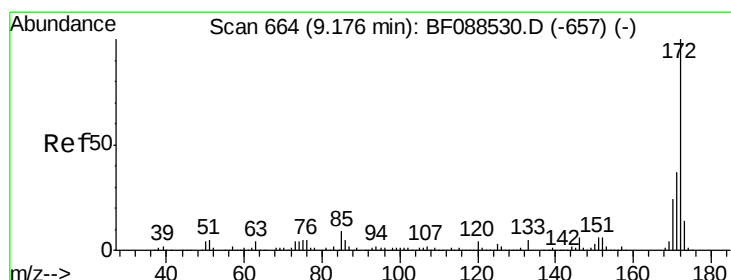
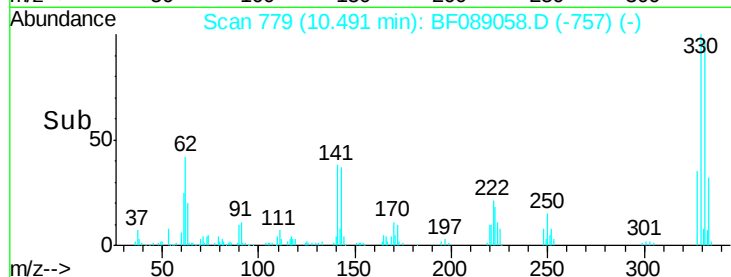
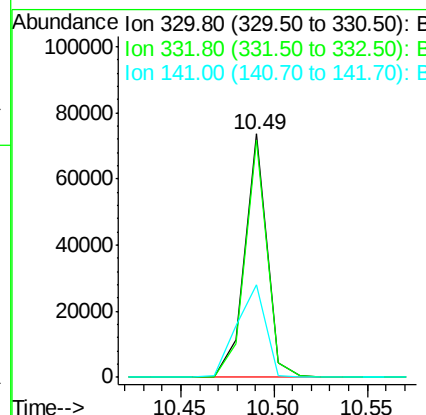
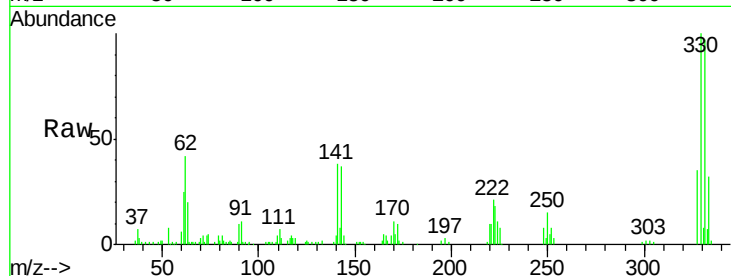
#41
 2,4,6-Tribromophenol
 Concen: 67.77 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089058.D
 Acq: 16 Jul 2016 16:41

Instrument :
 BNA_F
 ClientSampled :
 Q7-B3(0-6)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	49.6	0.0	0.0#

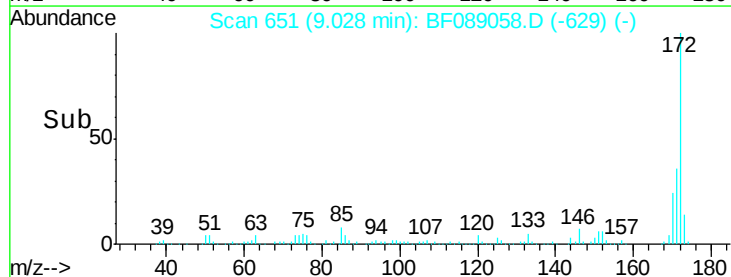
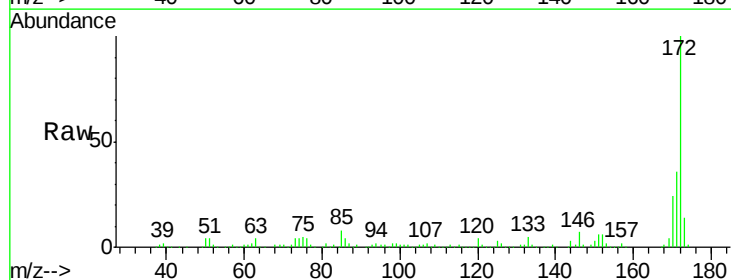
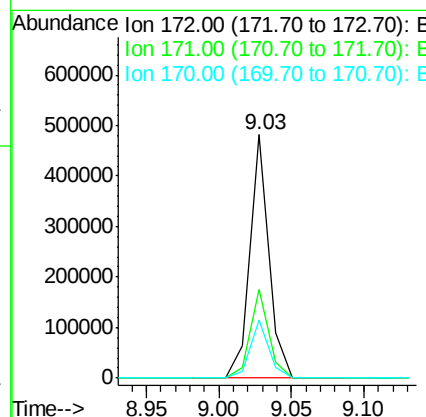
Manual Integrations

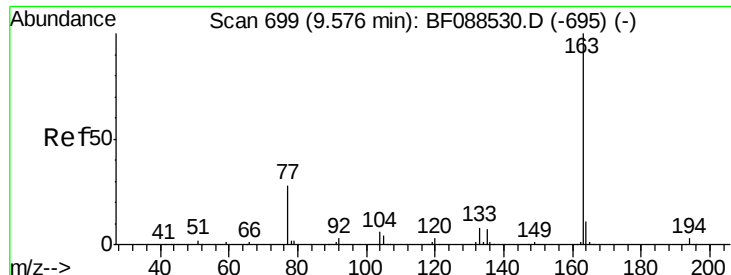
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#44
 2-Fluorobiphenyl
 Concen: 70.94 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089058.D
 Acq: 16 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	19.2	28.8





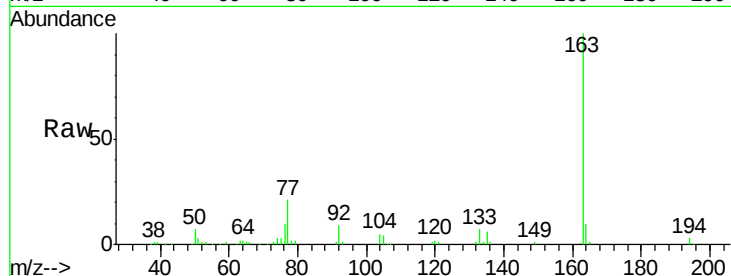
#49
Dimethylphthalate
Concen: 14.54 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089058.D
Acq: 16 Jul 2016 16:41

Instrument :
BNA_F
ClientSampleId :
Q7-B3(0-6)C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	100866		
194	3.3		2.8	4.2
164	10.2		8.3	12.5

Manual Integrations

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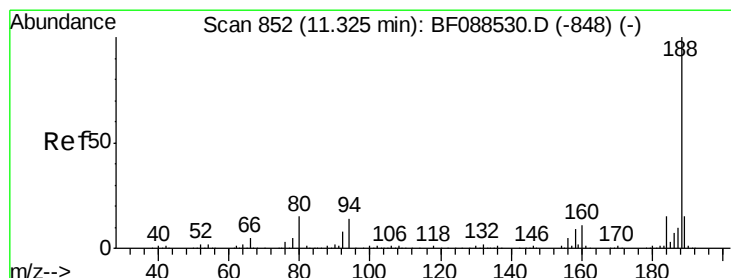
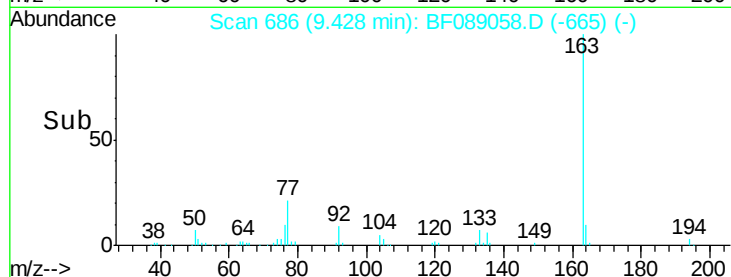
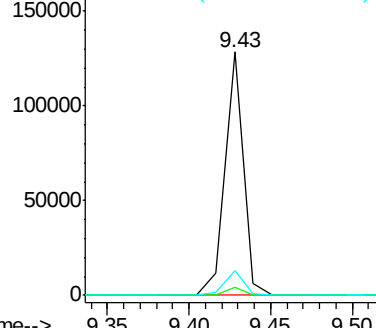


Abundance

Ion 163.00 (162.70 to 163.70): E

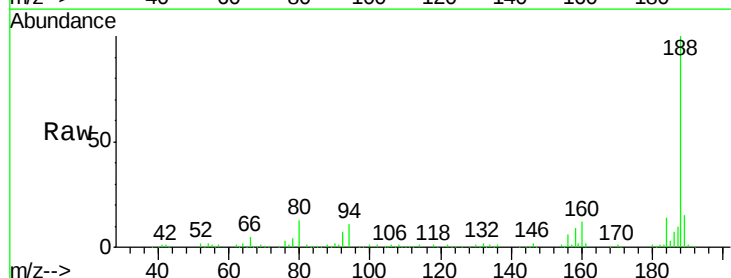
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089058.D
Acq: 16 Jul 2016 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	140772		
94	11.2		9.0	13.6
80	12.9		10.0	15.0

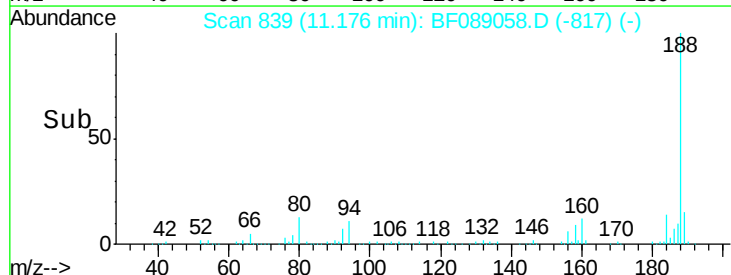
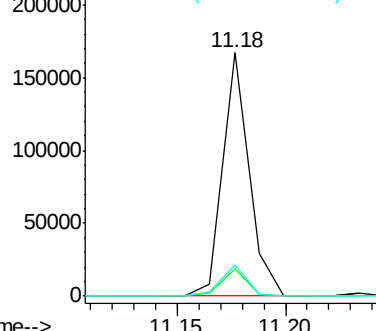


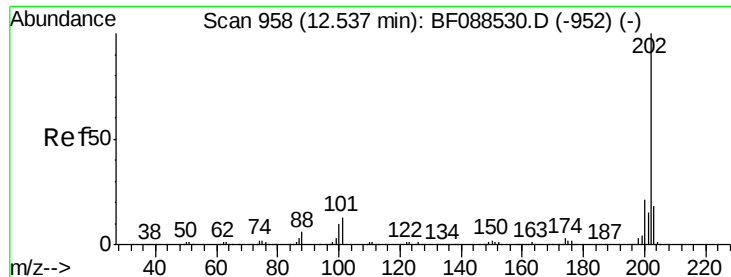
Abundance

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





#74

Fluoranthene

Concen: 2.97 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089058.D

Acq: 16 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleId :

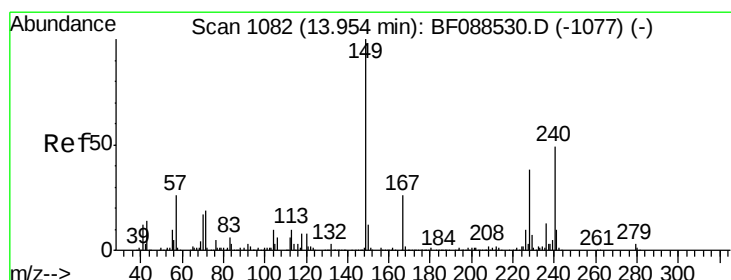
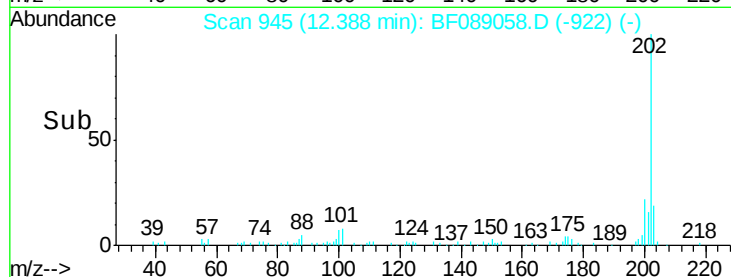
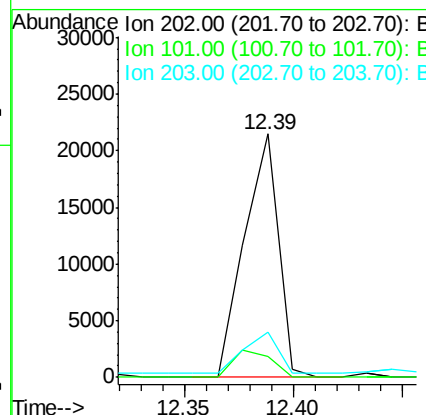
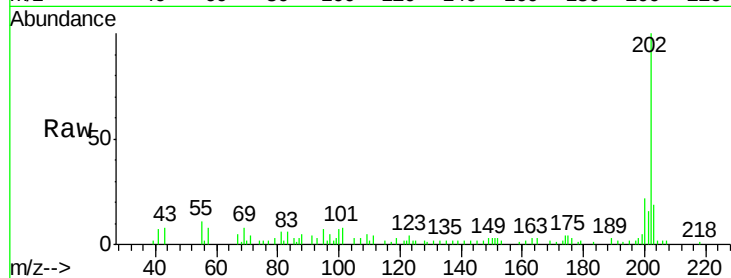
Q7-B3(0-6)C

Tot Ion:	202	Resp:	23192
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	33.1
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

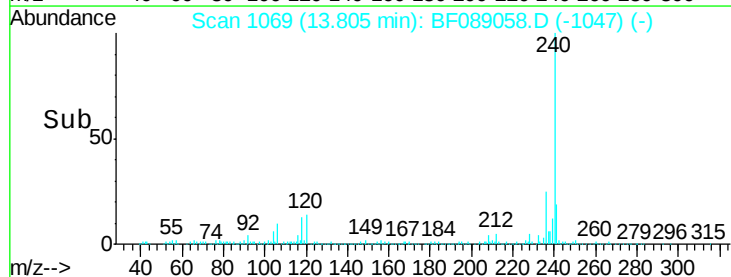
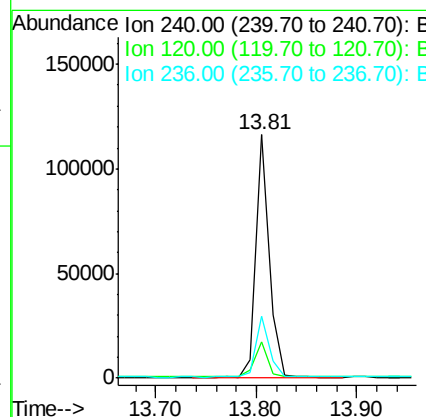
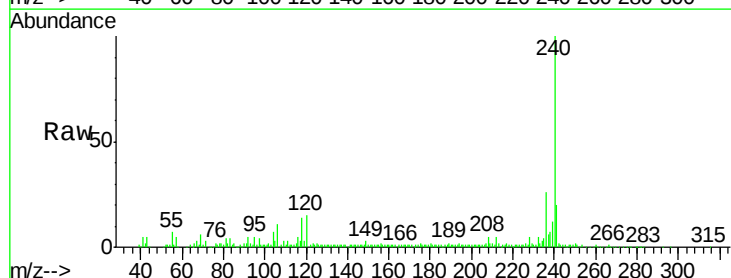
RT: 13.81 min Scan# 1069

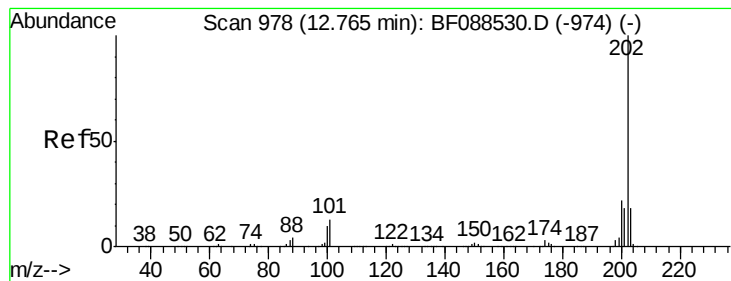
Delta R.T. -0.05 min

Lab File: BF089058.D

Acq: 16 Jul 2016 16:41

Tgt Ion:	240	Resp:	107398
Ion Ratio	Lower	Upper	
240	100		
120	14.8	6.8	10.2#
236	25.6	20.2	30.2





#77

Pvrene

Concen: 2.51 ng/mL

RT: 12.61 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF089058.D

Acq: 16 Jul 2016 16:41

Instrument :

BNA_F

ClientSampleID :

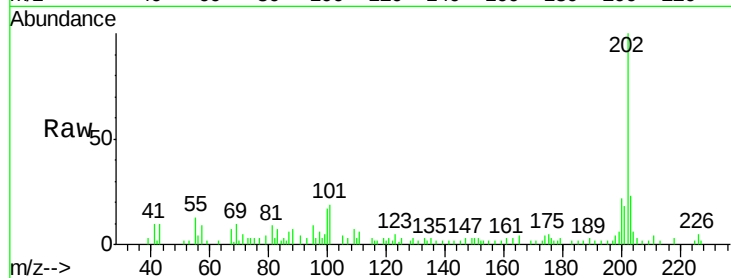
Q7-B3(0-6)C

Tot Ion:	202	Resp:	22881
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	23.0	14.5	21.7#

Manual Integrations

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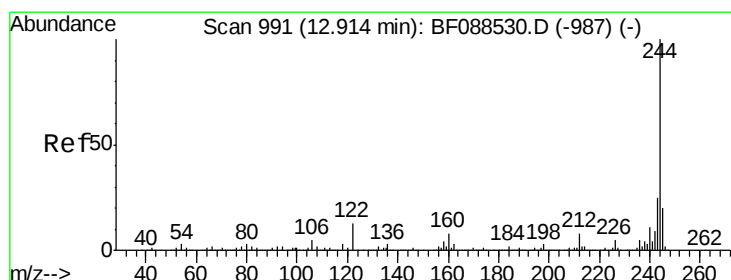
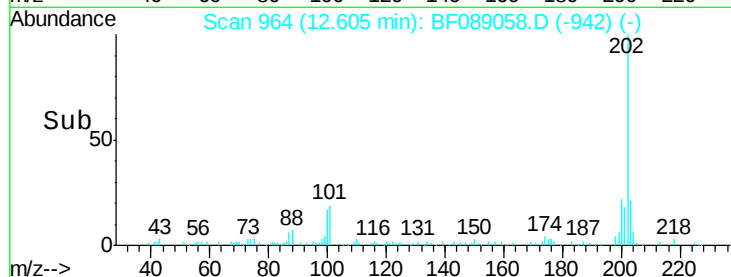
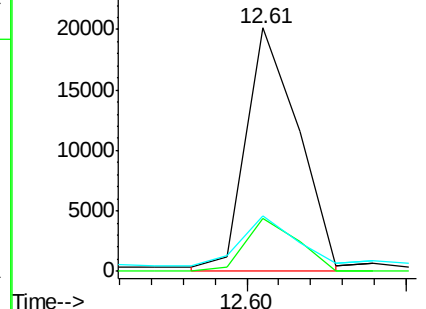
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.76 ng/mL

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF089058.D

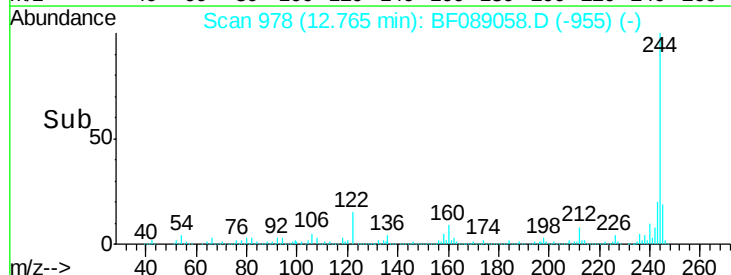
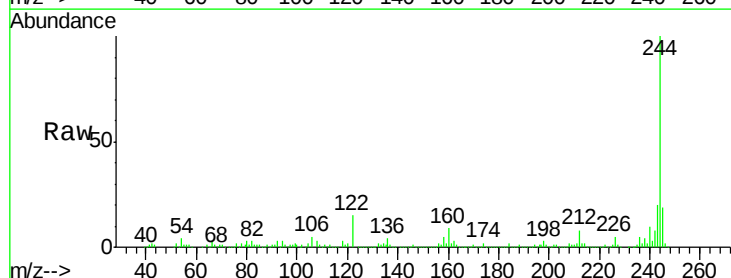
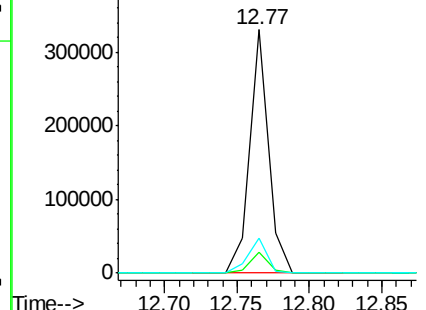
Acq: 16 Jul 2016 16:41

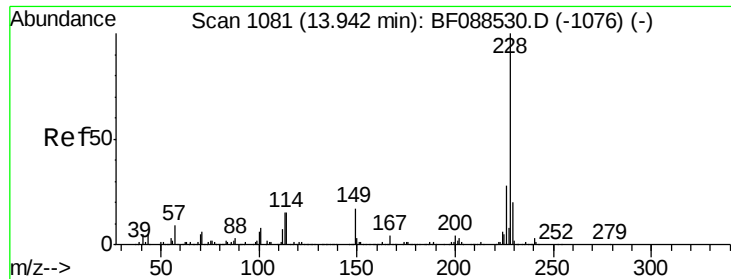
Tgt Ion:	244	Resp:	297785
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.0	9.0
122	14.5	11.2	16.8

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





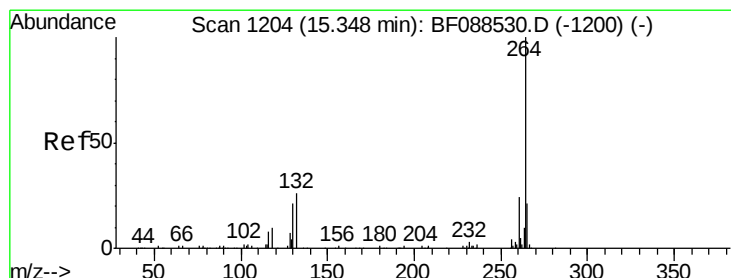
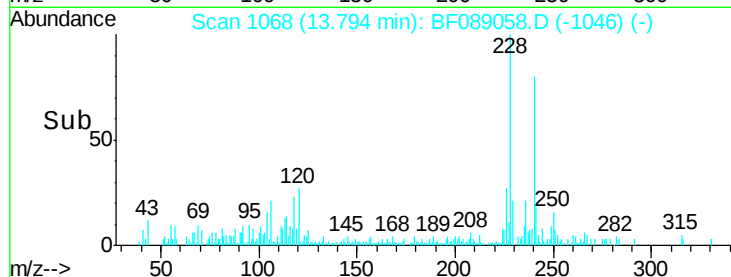
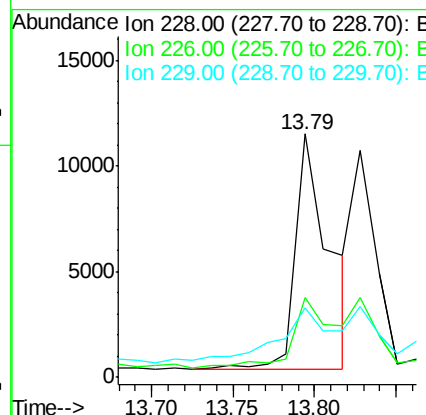
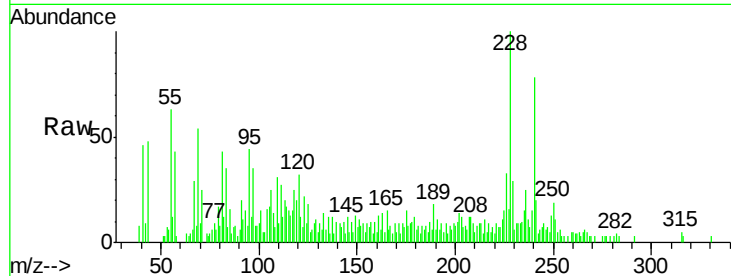
#80
Benzo(a)anthracene
Concen: 2.35 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089058.D
Acq: 16 Jul 2016 16:41

Instrument :
BNA_F
ClientSampleId :
Q7-B3(0-6)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.3	33.5
229	28.7	16.0	24.0

Manual Integrations

sohil
7/18/2016 7:37:55 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF089058.D
Acq: 16 Jul 2016 16:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.4	16.9	25.3

