

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089069.D
 Acq On : 16 Jul 2016 22:13
 Operator : UM/SJ
 Sample : H4018-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G9-B2(0-5)C

Manual Integrations

sohil
 7/18/2016 7:36:18 PM

Quant Time: Jul 18 03:09:39 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	53021	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	229056	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	84582	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	134580	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	105455	20.00	ng	-0.03
86) Perylene-d12	15.19	264	71006	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	308130	87.10	ng	-0.02
7) Phenol-d6	6.33	99	435516	95.27	ng	-0.02
23) Nitrobenzene-d5	7.23	82	229846	52.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	48800	62.13	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	435376	81.31	ng	-0.03
78) Terphenyl-d14	12.77	244	272235	57.50	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.43	163	95720	15.88	ng	99
74) Fluoranthene	12.39	202	24200	3.24	ng	98
77) Pyrene	12.62	202	27209	3.04	ng	99
80) Benzo(a)anthracene	13.81	228	13672	2.01	ng	92
87) Benzo(b)fluoranthene	14.81	252	15155m	3.40	ng	
89) Benzo(a)pyrene	15.13	252	9365	2.48	ng	# 87

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

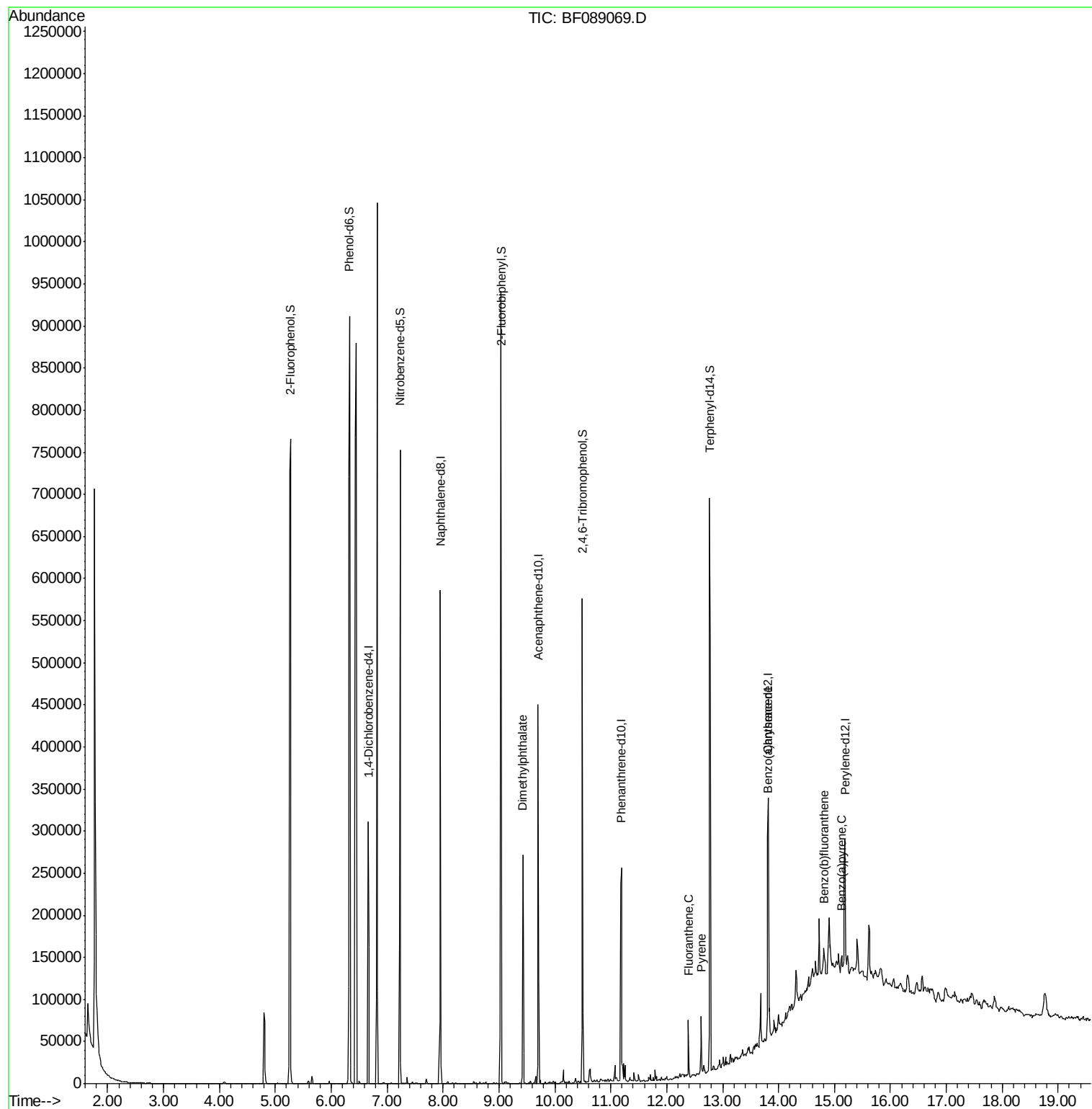
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089069.D
Acq On : 16 Jul 2016 22:13
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Sample : H4018-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

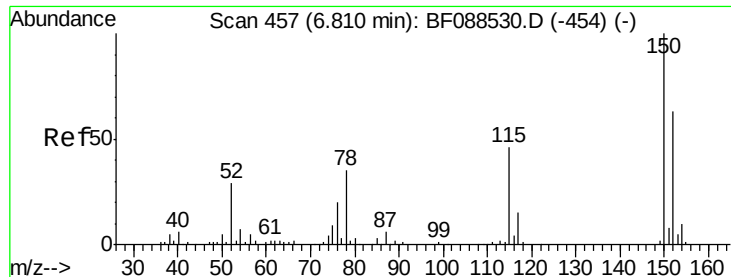
Instrument :
BNA_F
ClientSampleId :
G9-B2(0-5)C

Manual Integrations

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Quant Time: Jul 18 03:09:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

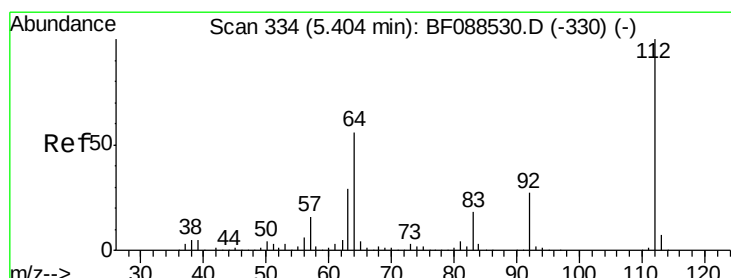
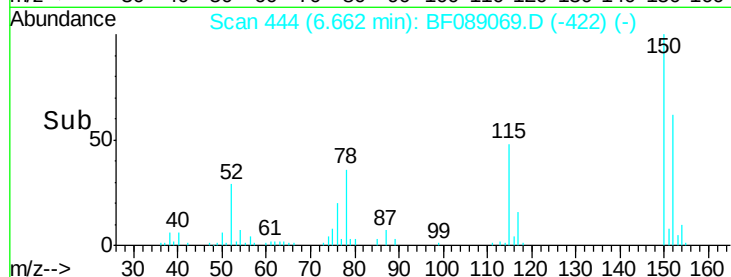
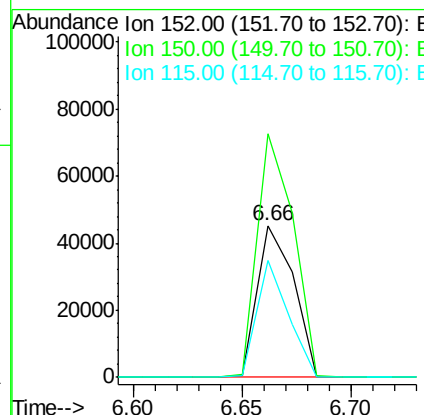
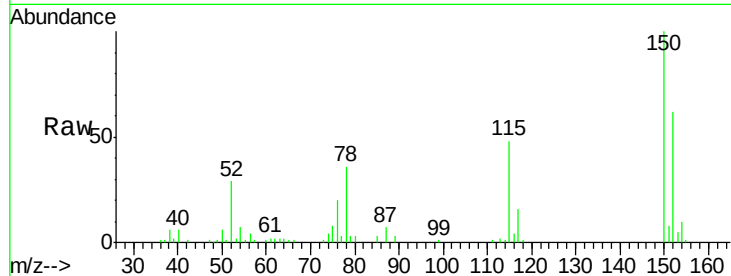
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Instrument :
BNA_F
ClientSampled :
G9-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.8	185.6
115	76.5	39.6	59.4

Manual Integrations

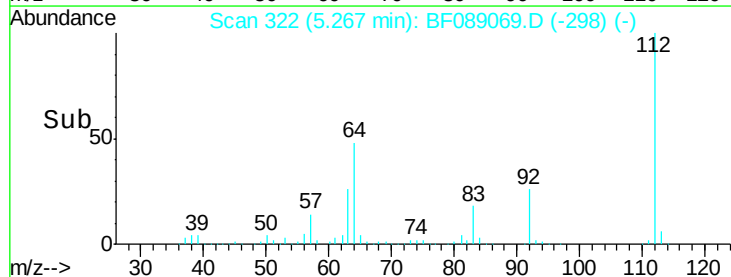
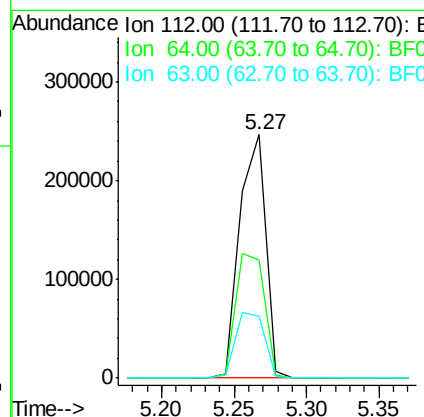
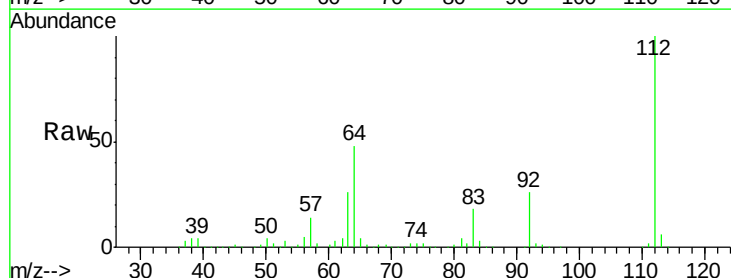
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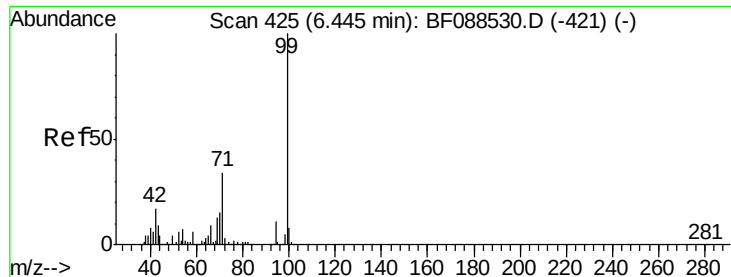


#5

2-Fluorophenol
Concen: 87.10 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	42.2	63.2
63	25.6	21.8	32.8





#7

Phenol-d6

Concen: 95.27 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089069.D

Acq: 16 Jul 2016 22:13

Instrument :

BNA_F

ClientSampleId :

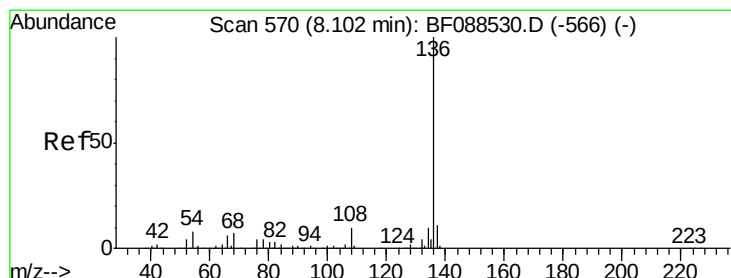
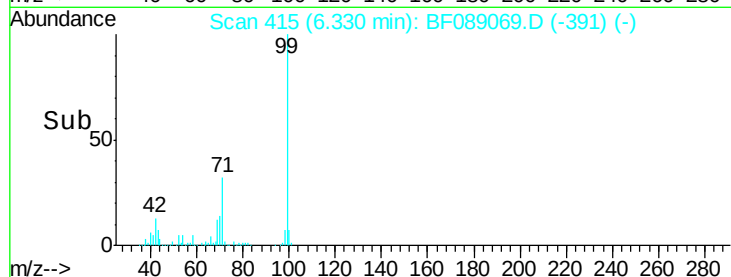
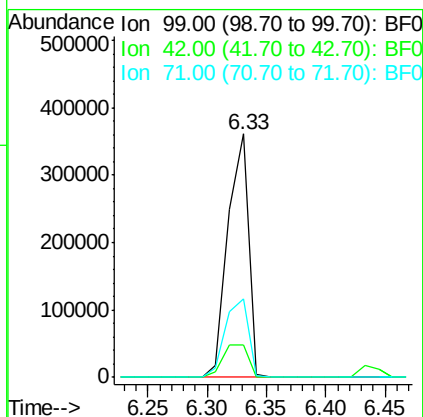
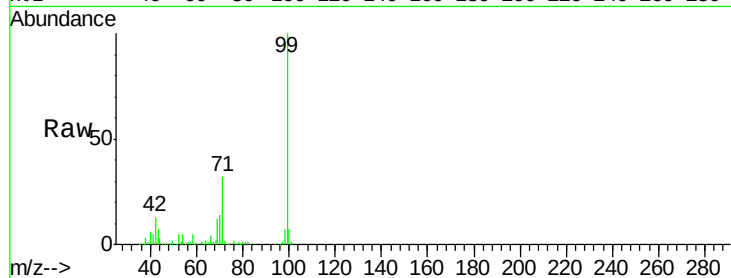
G9-B2(0-5)C

Tot Ion:	99	Resp:	435516
Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.2
71	32.4	23.4	35.0

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

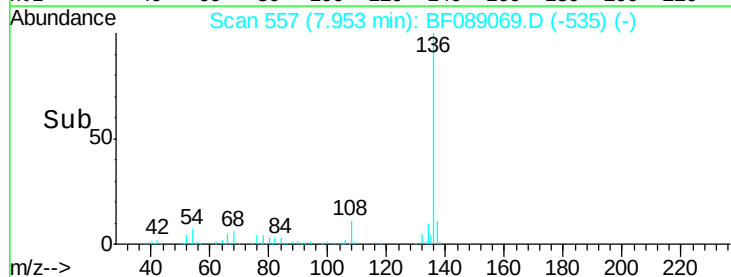
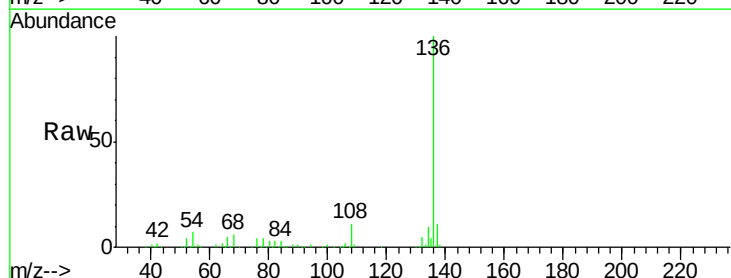
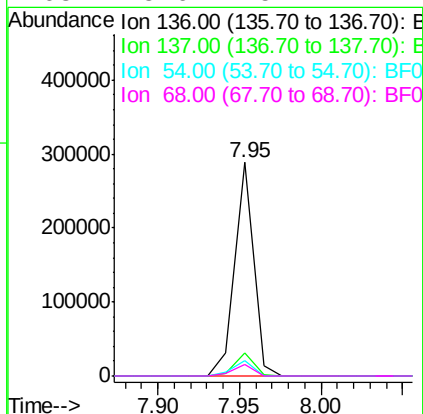
RT: 7.95 min Scan# 557

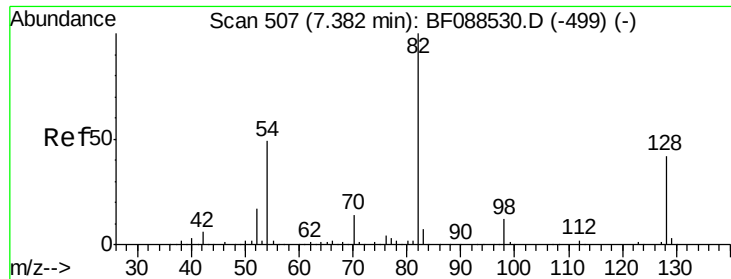
Delta R.T. -0.05 min

Lab File: BF089069.D

Acq: 16 Jul 2016 22:13

Tgt Ion:	136	Resp:	229056
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.9	6.6	10.0
68	5.6	5.1	7.7





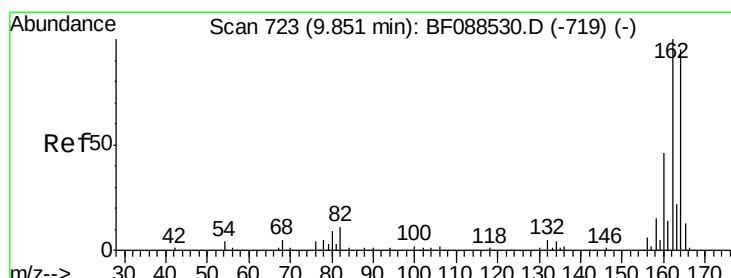
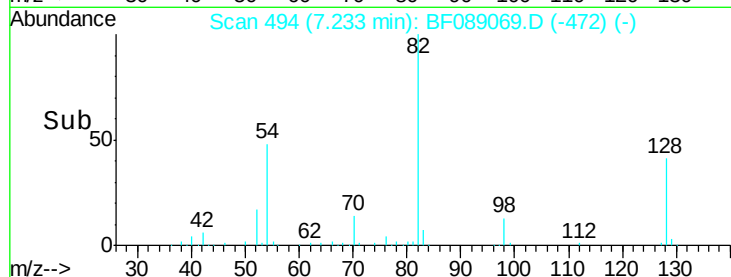
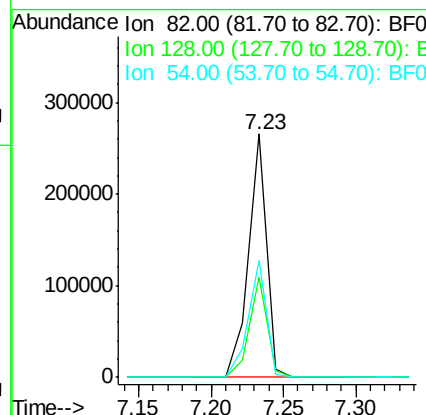
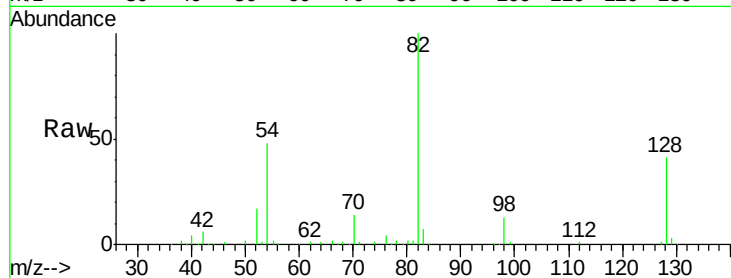
#23
 Nitrobenzene-d5
 Concen: 52.59 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF089069.D
 Acq: 16 Jul 2016 22:13

Instrument :
 BNA_F
 ClientSampleId :
 G9-B2(0-5)C

Tot Ion:	82	Resp:	229846
Ion Ratio	Lower	Upper	
82	100		
128	40.9	35.9	53.9
54	48.2	40.9	61.3

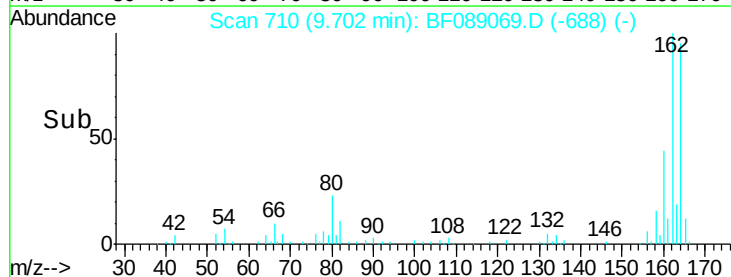
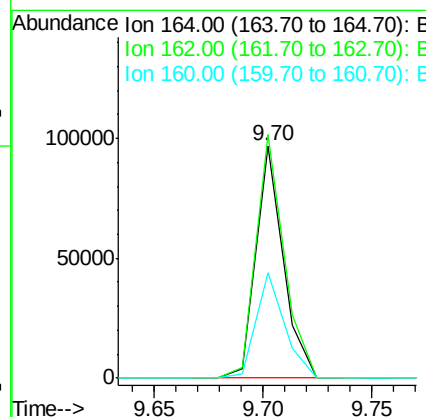
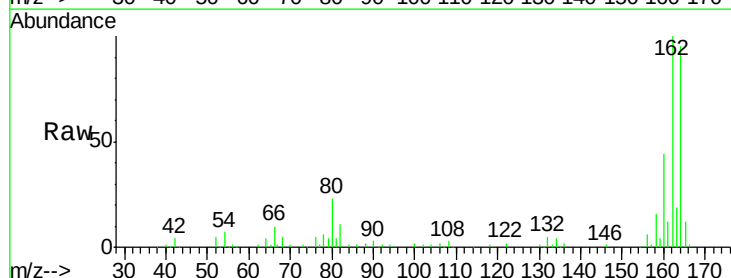
Manual Integrations

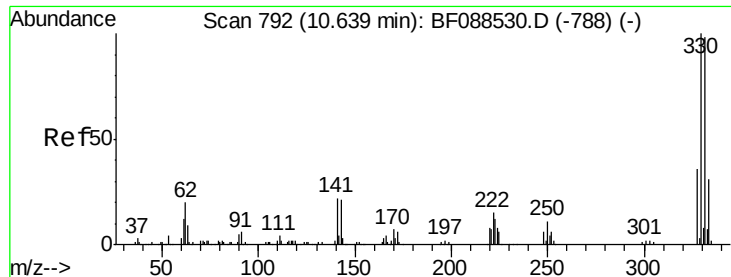
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.05 min
 Lab File: BF089069.D
 Acq: 16 Jul 2016 22:13

Tgt Ion:	164	Resp:	84582
Ion Ratio	Lower	Upper	
164	100		
162	104.7	85.4	128.2
160	45.6	39.5	59.3





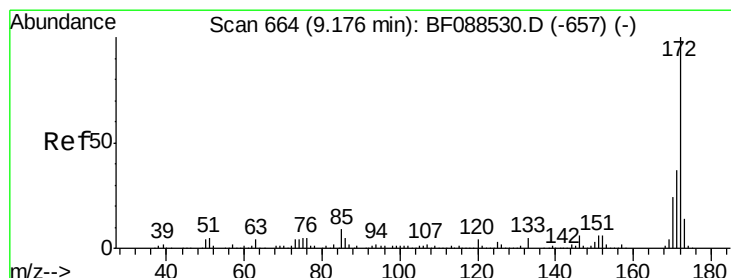
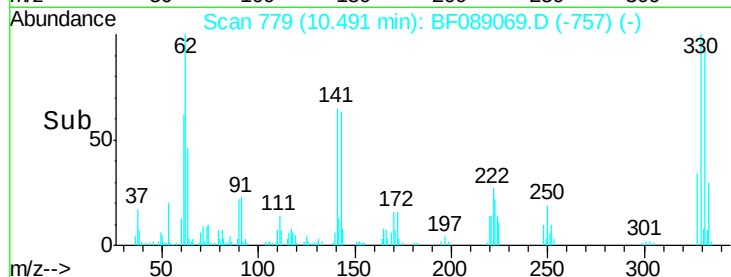
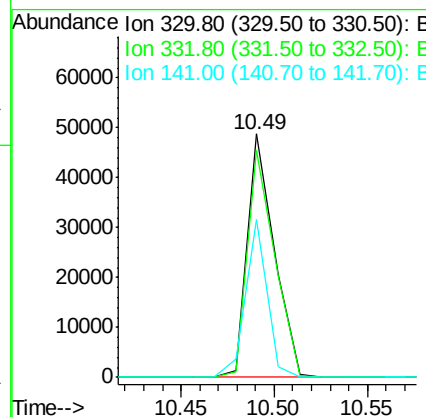
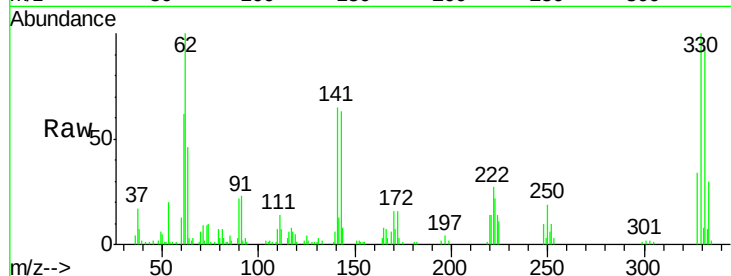
#41
 2,4,6-Tribromophenol
 Concen: 62.13 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089069.D
 Acq: 16 Jul 2016 22:13

Instrument :
 BNA_F
 ClientSampleId :
 G9-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	52.5	0.0	0.0#

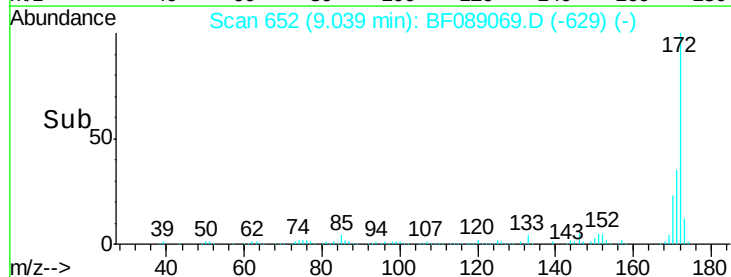
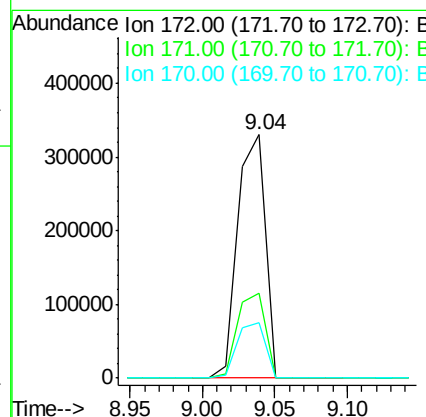
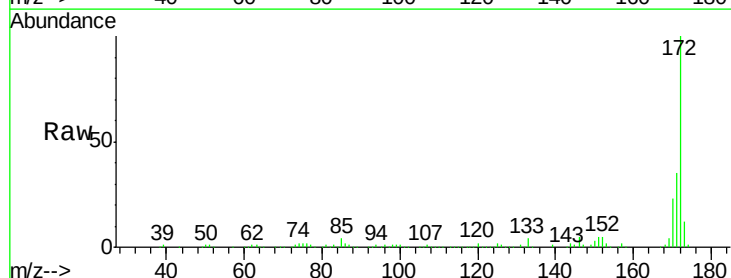
Manual Integrations

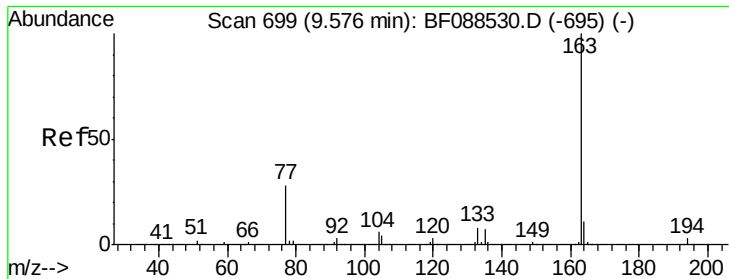
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#44
 2-Fluorobiphenyl
 Concen: 81.31 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089069.D
 Acq: 16 Jul 2016 22:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.8	19.2	28.8





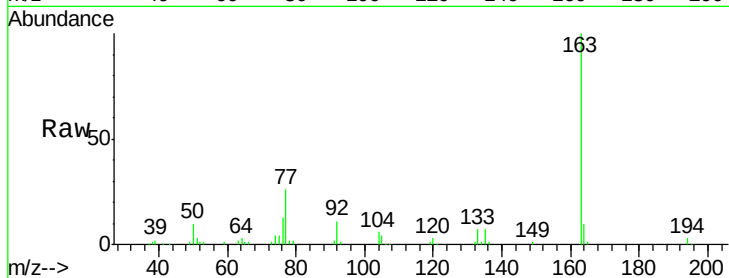
#49
Dimethylphthalate
Concen: 15.88 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Instrument :
BNA_F
ClientSampleId :
G9-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.2	8.3	12.5

Manual Integrations

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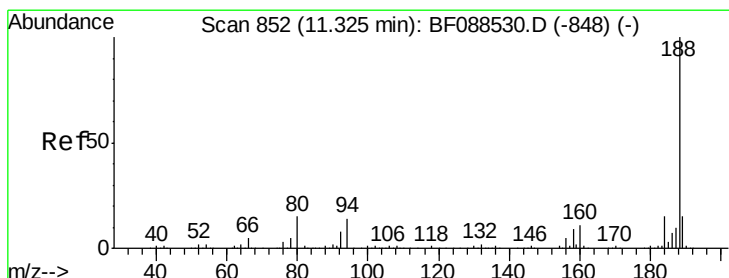
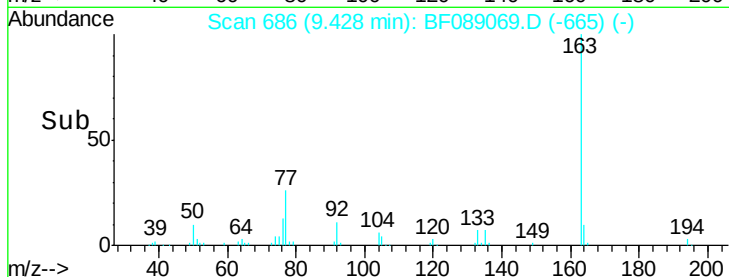
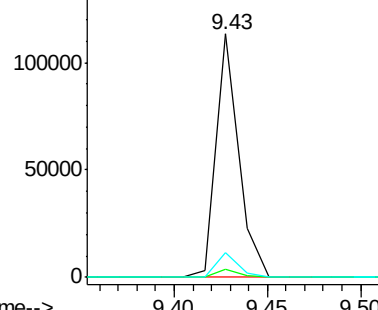


Abundance

Ion 163.00 (162.70 to 163.70): E

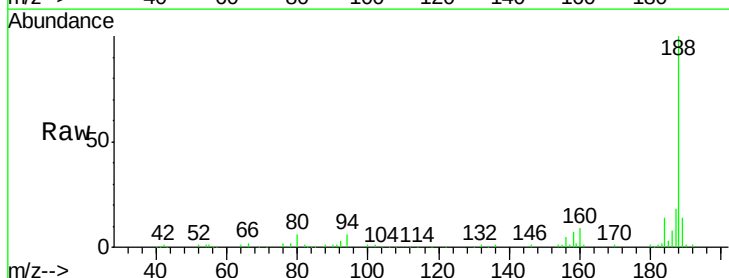
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.0	13.6#
80	6.1	10.0	15.0#

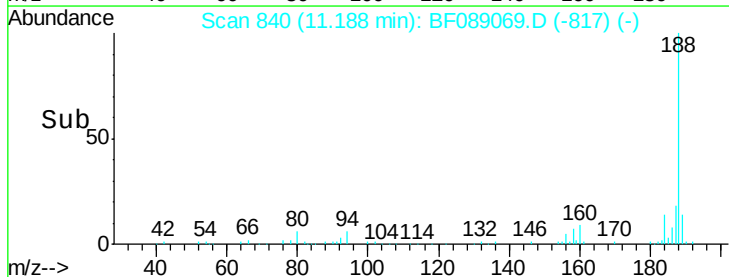
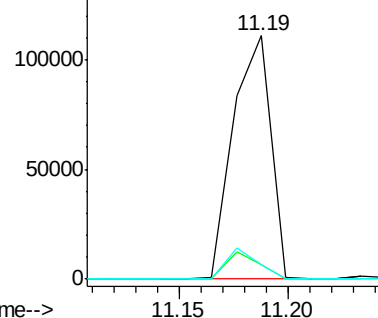


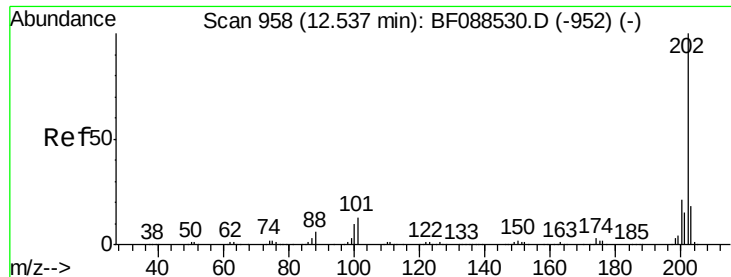
Abundance

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





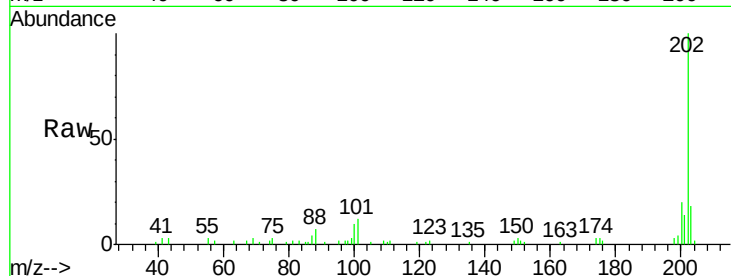
#74
Fluoranthene
Concen: 3.24 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Instrument :
BNA_F
ClientSampleId :
G9-B2(0-5)C

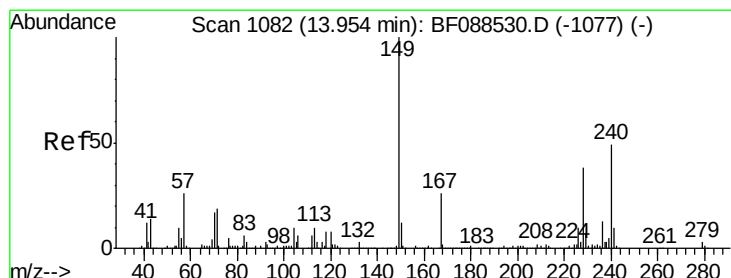
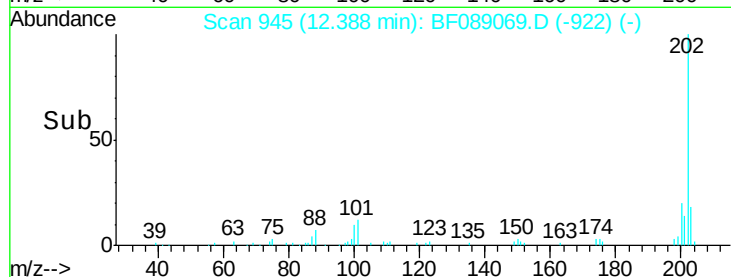
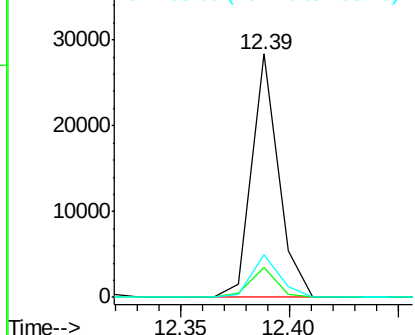
Tot Ion:	202	Resp:	24200
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.1
203	17.6	0.0	38.1

Manual Integrations

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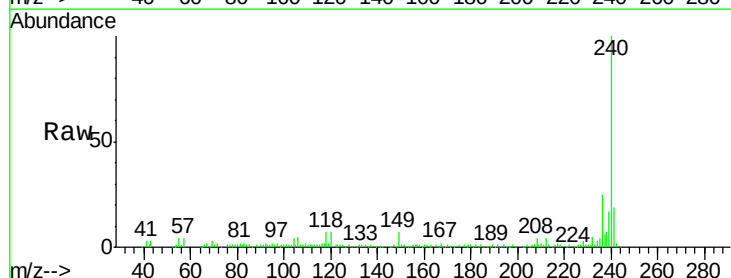


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

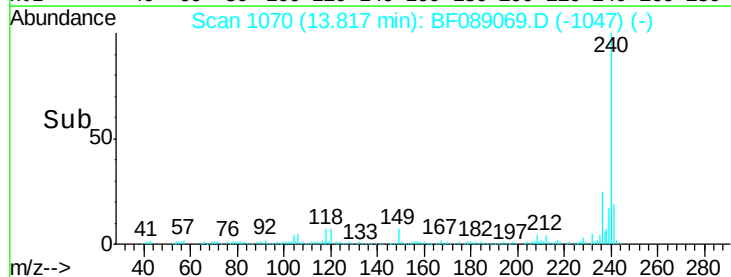
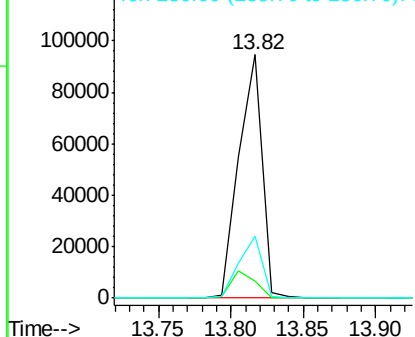


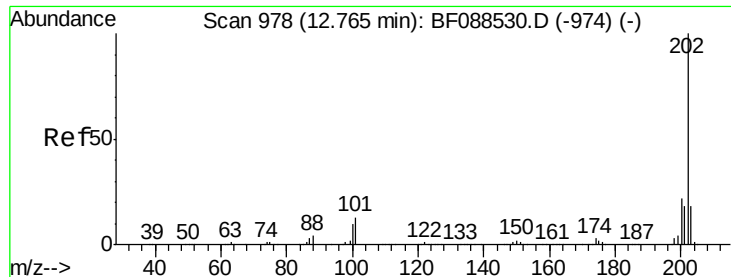
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Tgt Ion:	240	Resp:	105455
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.8	10.2
236	25.4	20.2	30.2



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





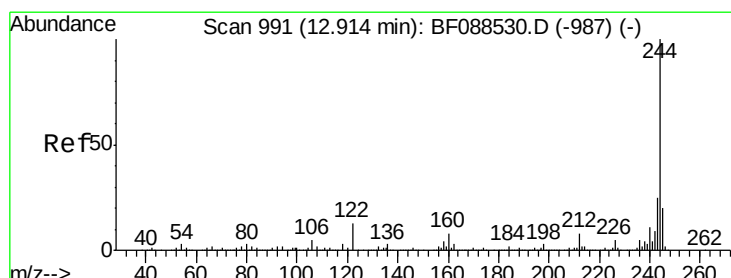
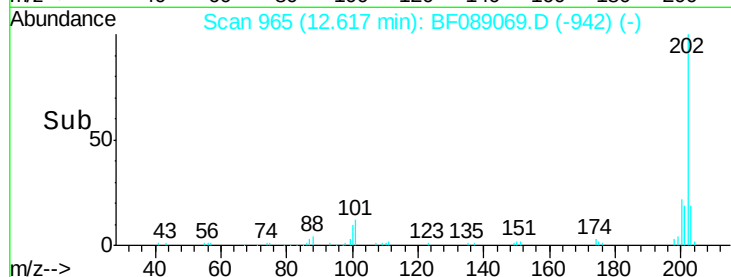
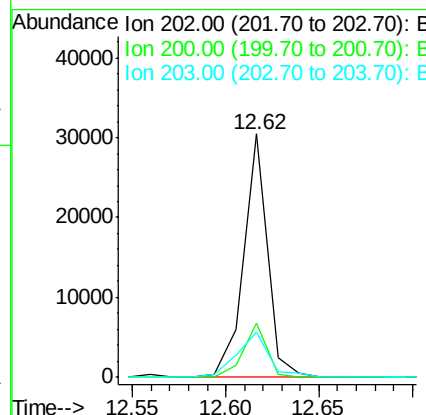
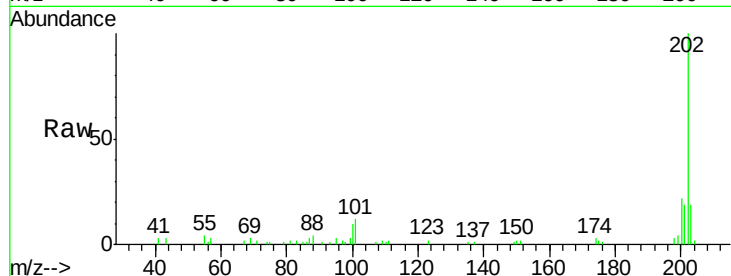
#77
Pvrene
Concen: 3.04 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Instrument :
BNA_F
ClientSampleId :
G9-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.8	14.5	21.7

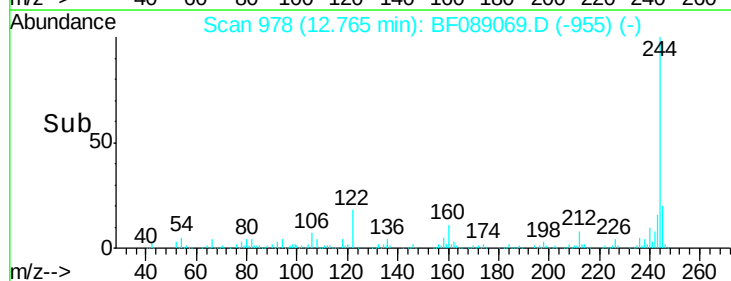
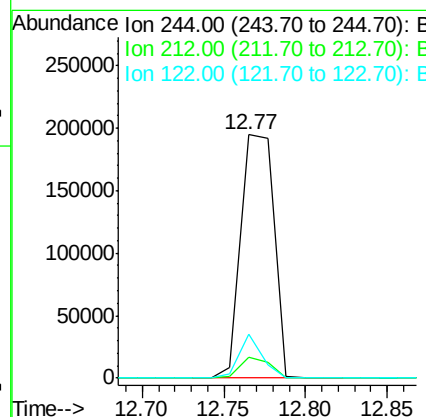
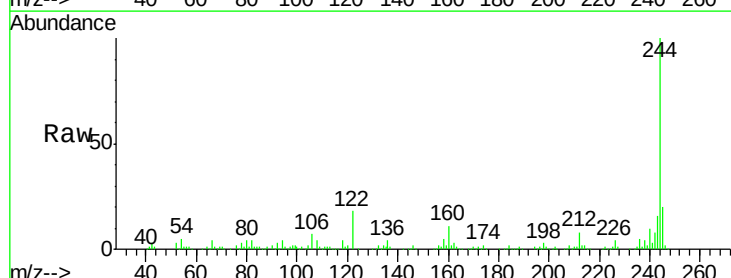
Manual Integrations

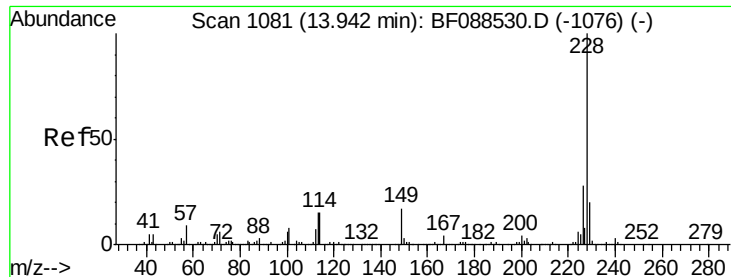
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#78
Terphenyl-d14
Concen: 57.50 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	17.9	11.2	16.8





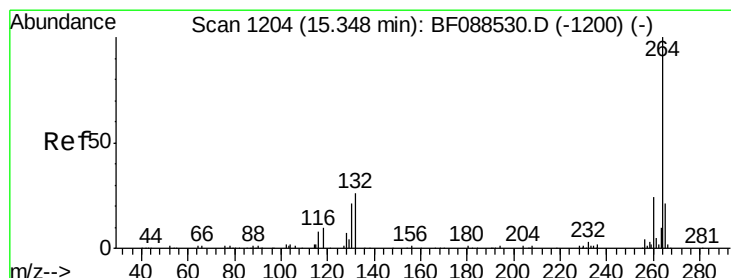
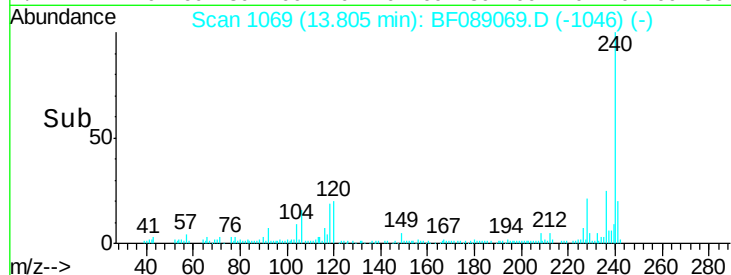
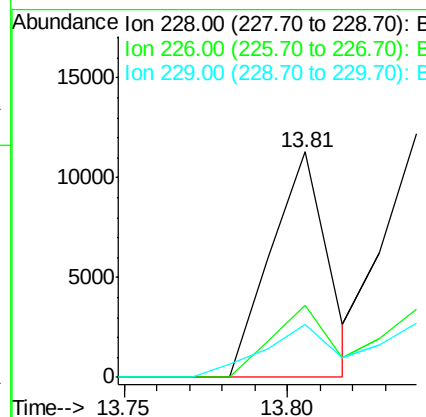
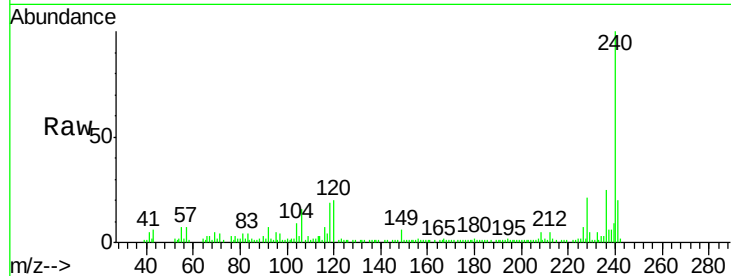
#80
Benzo(a)anthracene
Concen: 2.01 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Instrument :
BNA_F
ClientSampleId :
G9-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.3	33.5
229	23.4	16.0	24.0

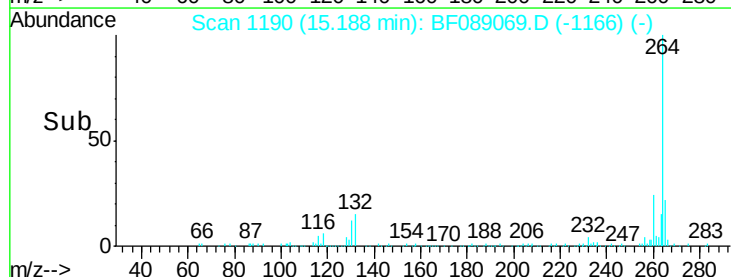
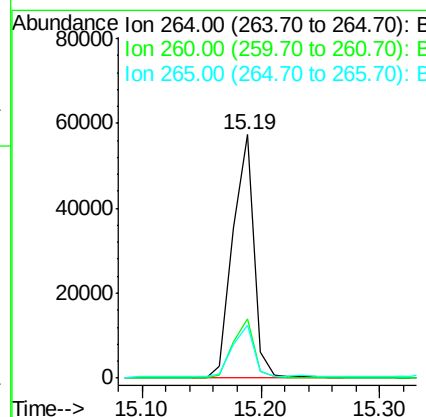
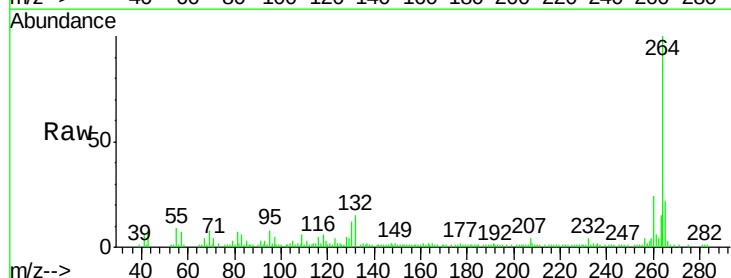
Manual Integrations

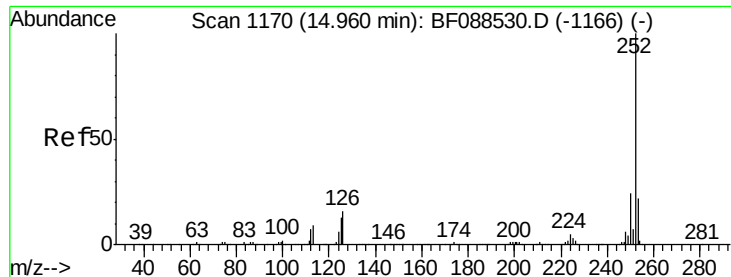
sohil
7/18/2016 7:36:18 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF089069.D
Acq: 16 Jul 2016 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 3.40 ng

RT: 14.81 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF089069.D

Acq: 16 Jul 2016 22:13

Instrument :

BNA_F

ClientSampled :

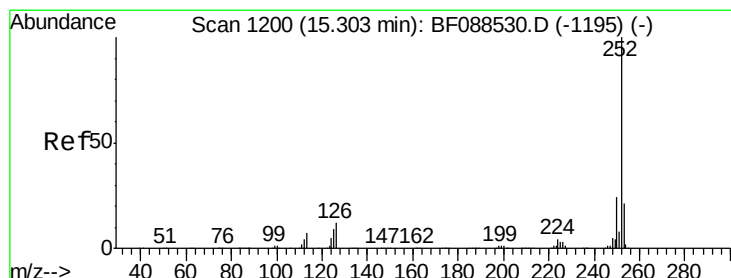
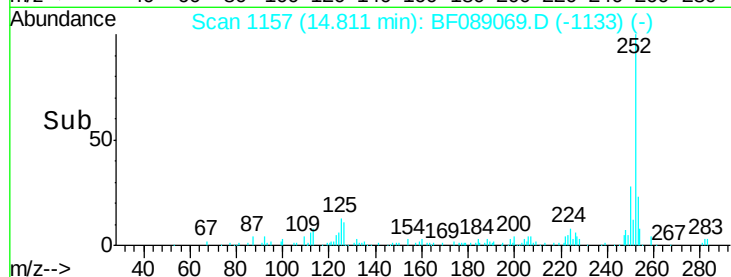
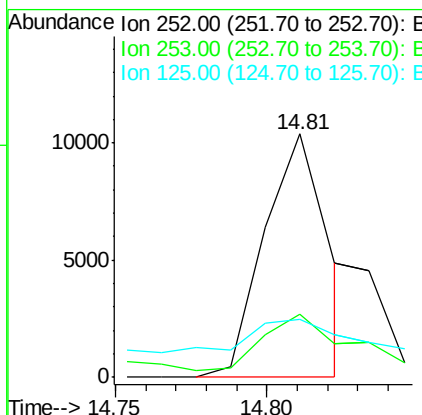
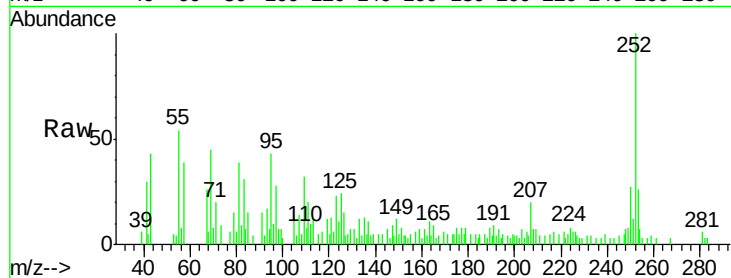
G9-B2(0-5)C

Tot Ion:	252	Resp:	15155
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.4	26.2
125	24.0	7.1	10.7#

Manual Integrations

sohil

7/18/2016 7:36:18 PM



#89

Benzo(a)pyrene

Concen: 2.48 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.03 min

Lab File: BF089069.D

Acq: 16 Jul 2016 22:13

Tgt Ion:	252	Resp:	9365
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.9	26.9#
125	22.9	12.5	18.7#

