

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088931.D
 Acq On : 12 Jul 2016 20:59
 Operator : UM/SJ
 Sample : H3889-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

Manual Integrations

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 7/13/2016 9:25:37 AM

Quant Time: Jul 13 03:42:33 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	6.71	152	66413	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	266417	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	106124	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	146394	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	145614	20.00	ng	-0.01
86) Perylene-d12	15.21	264	130769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	301407	68.02	ng	0.00
7) Phenol-d6	6.35	99	452604	79.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	266405	52.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	69650	70.68	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	461801	68.74	ng	0.00
78) Terphenyl-d14	12.80	244	284323	43.49	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	74667	9.88	ng	99
74) Fluoranthene	12.42	202	28177	3.47	ng	92
77) Pyrene	12.64	202	31078	2.52	ng	98
87) Benzo(b)fluoranthene	14.83	252	20848m	2.54	ng	

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

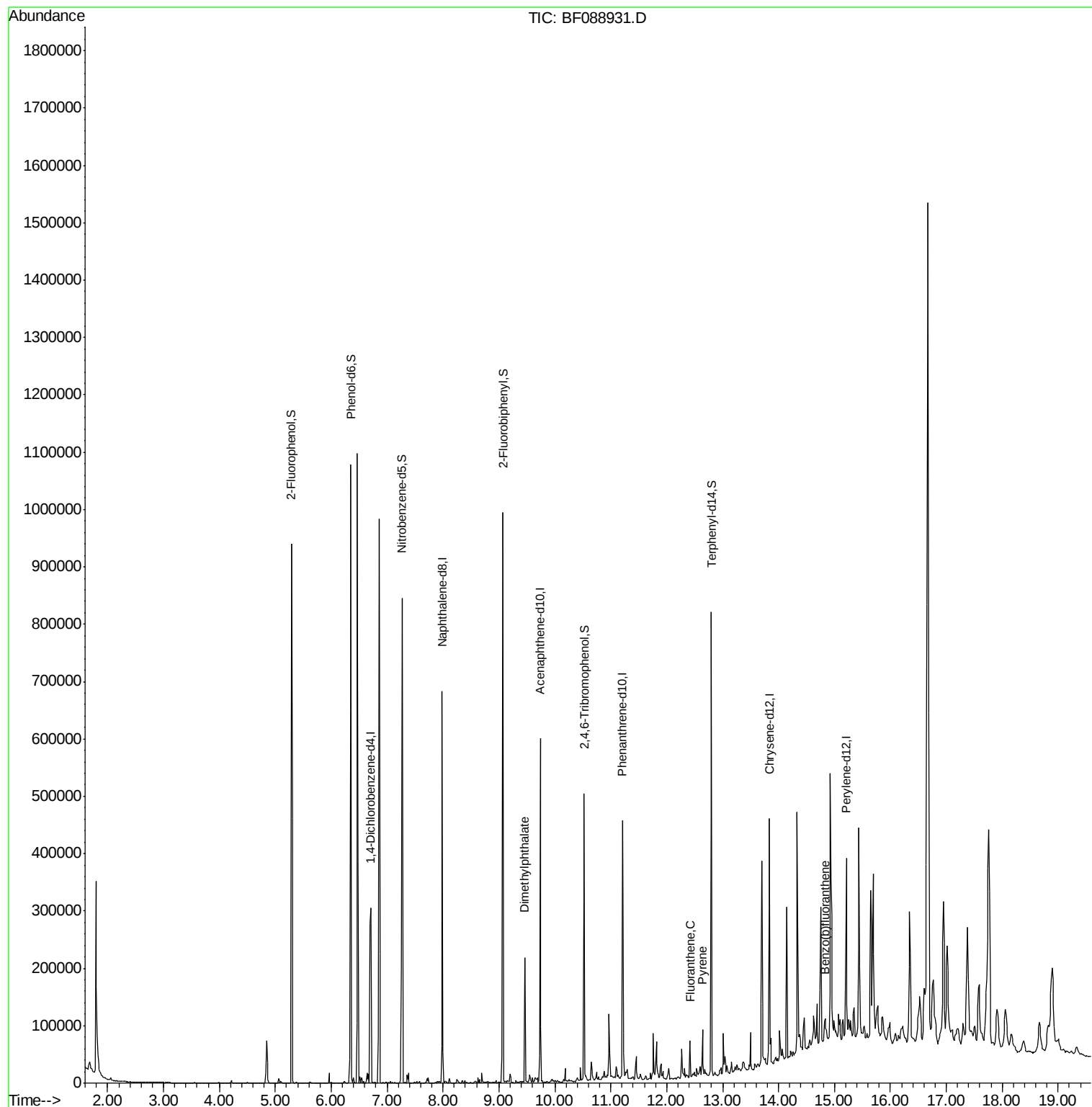
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
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#1

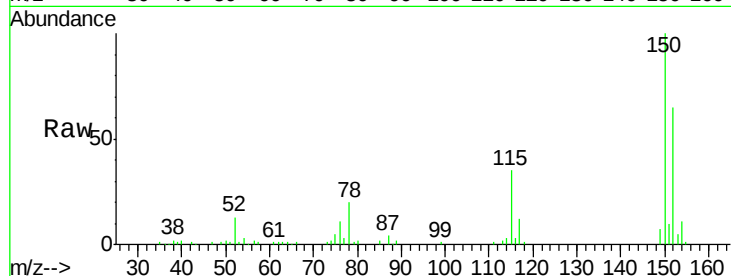
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

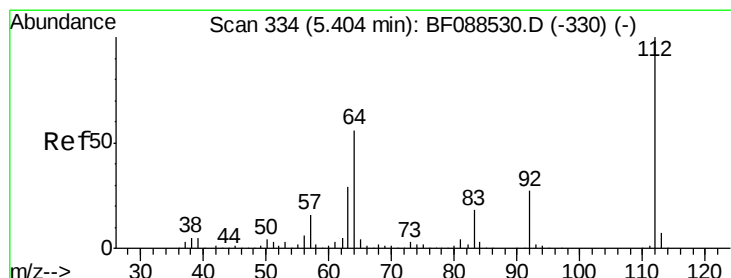
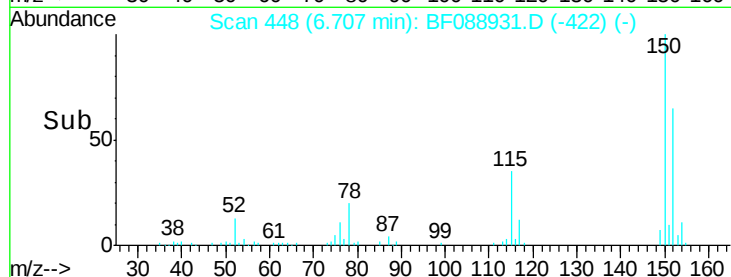
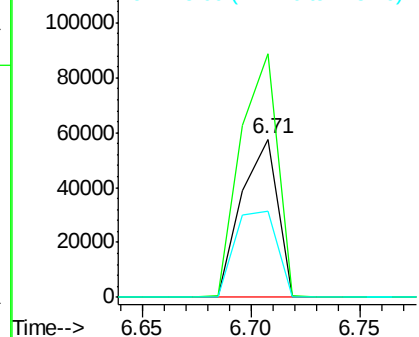
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.6
115	54.2	39.6	59.4

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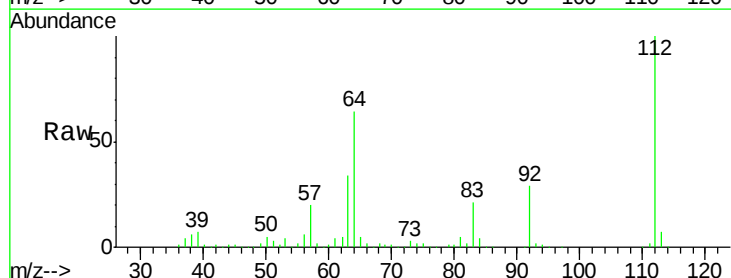
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



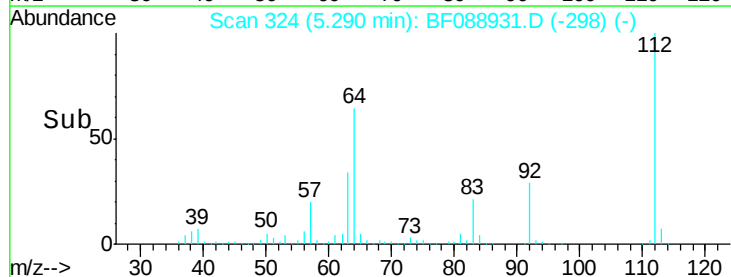
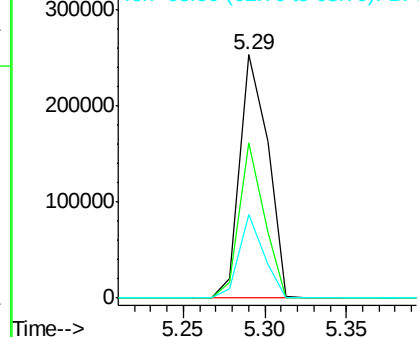
#5

2-Fluorophenol
Concen: 68.02 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	42.2	63.2#
63	34.3	21.8	32.8#



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: 79.05 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

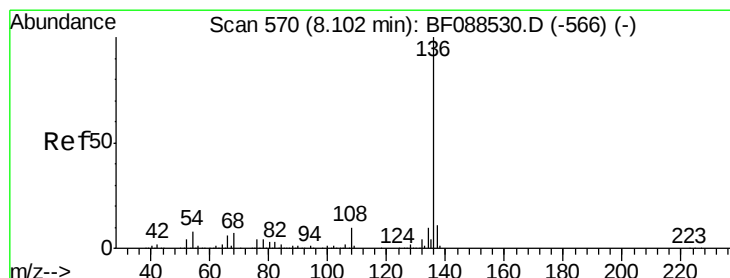
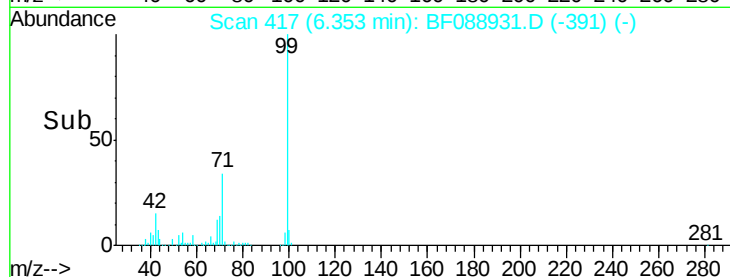
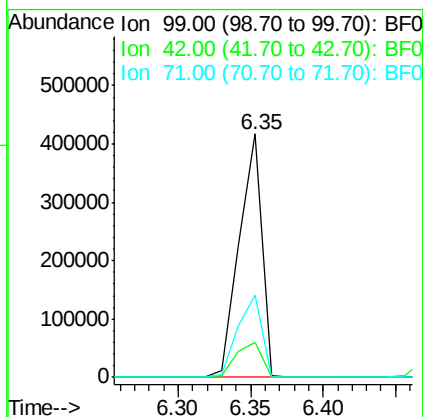
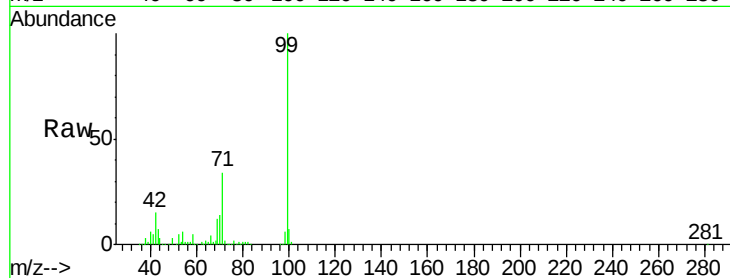
SS-15(BG)

Tot Ion:	99	Resp:	452604
Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	34.0	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

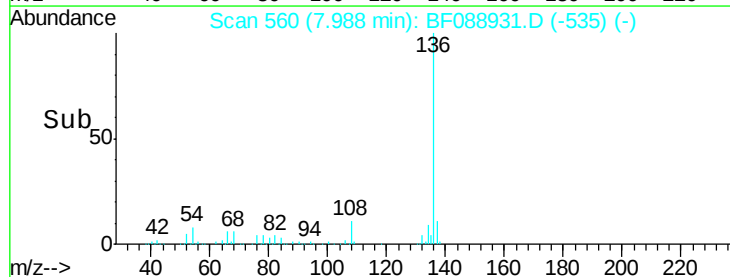
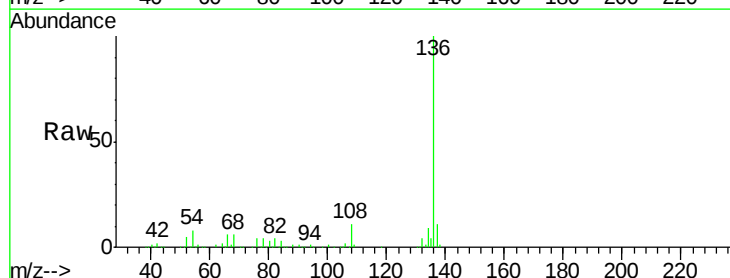
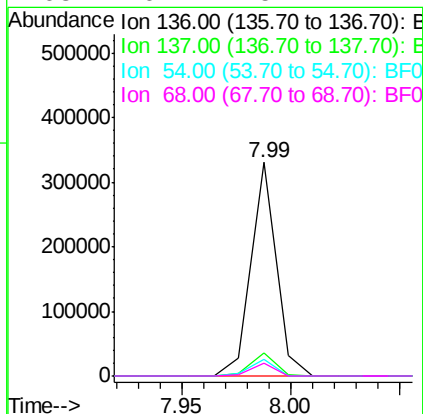
RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Tgt Ion:	136	Resp:	266417
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.6	6.6	10.0
68	6.2	5.1	7.7





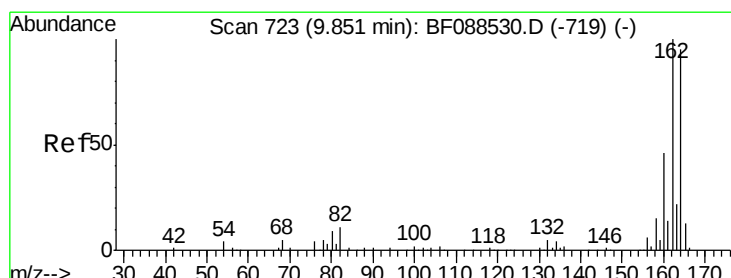
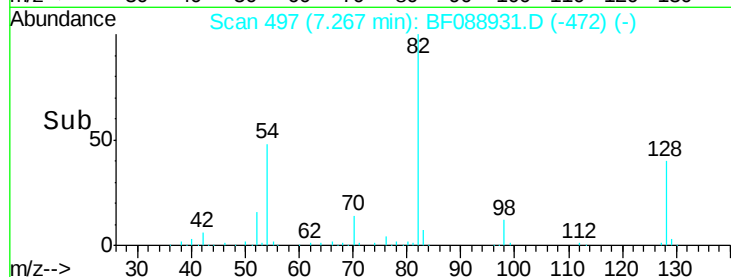
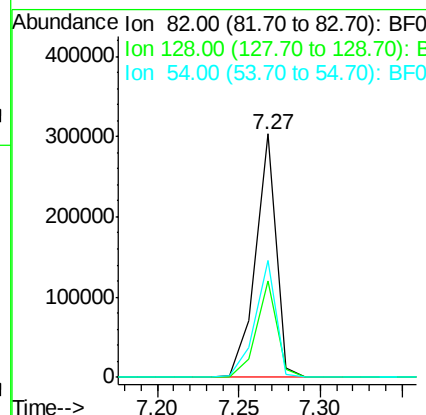
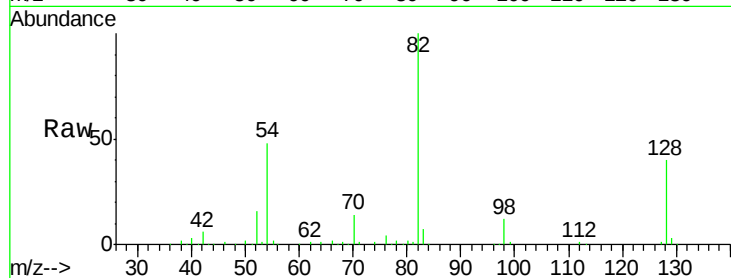
#23
Nitrobenzene-d5
Concen: 52.40 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	35.9	53.9
54	47.8	40.9	61.3

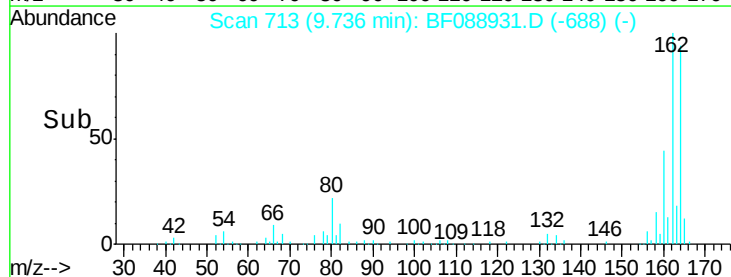
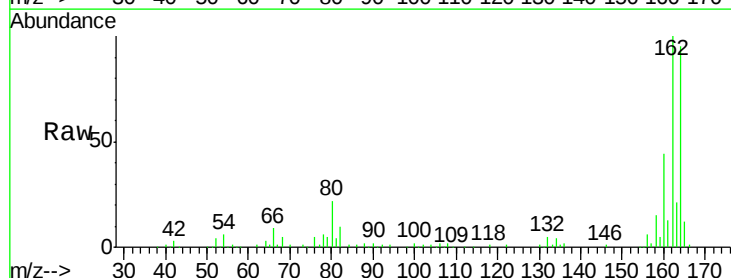
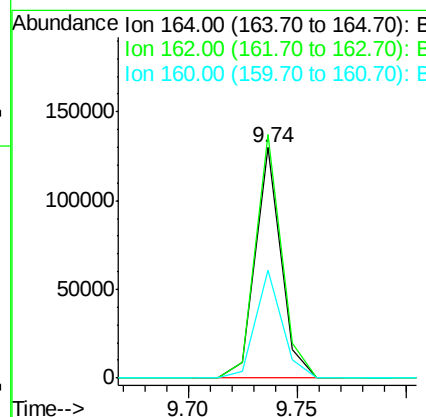
Manual Integrations

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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	46.6	39.5	59.3





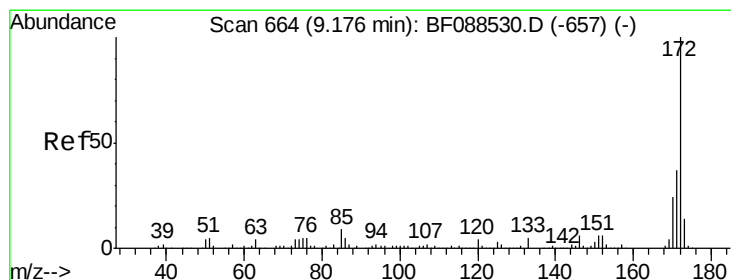
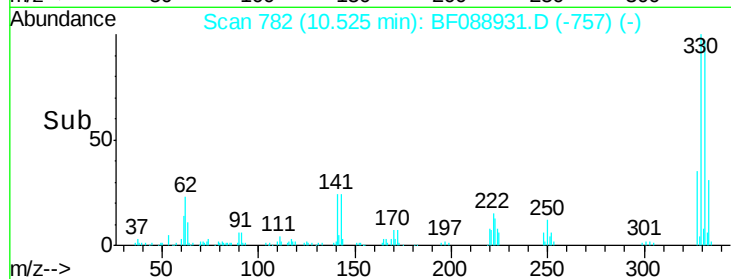
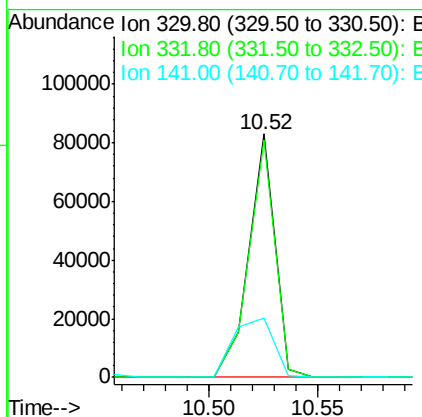
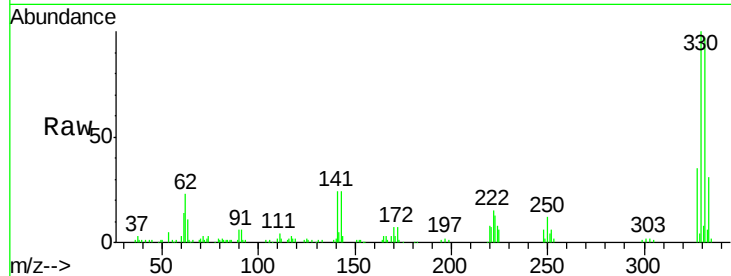
#41
 2,4,6-Tribromophenol
 Concen: 70.68 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Instrument :
 BNA_F
 ClientSampled :
 SS-15(BG)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	69650		
332	97.9	0.0	0.0	0.0
141	37.5	0.0	0.0	0.0

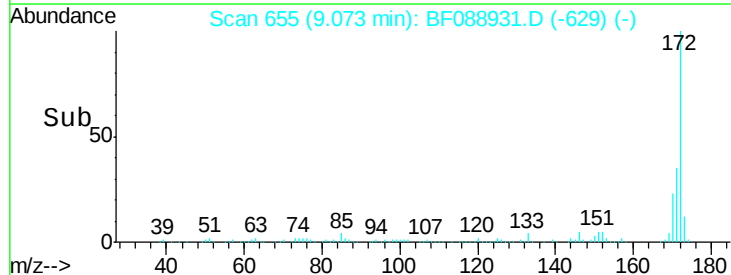
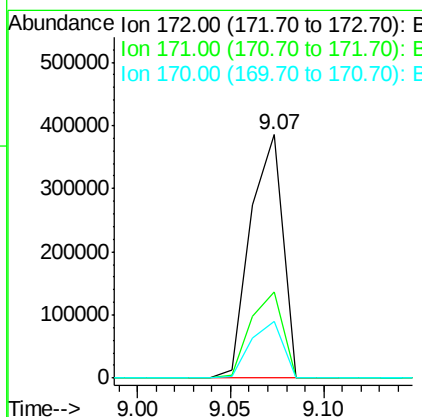
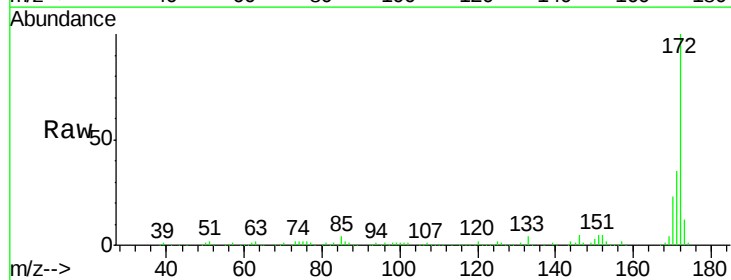
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 68.74 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	461801		
171	35.5	28.6	43.0	
170	23.1	19.2	28.8	





#49

Dimethylphthalate

Concen: 9.88 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampled :

SS-15(BG)

Tot Ion:163 Resp: 74667

Ion Ratio Lower Upper

163 100

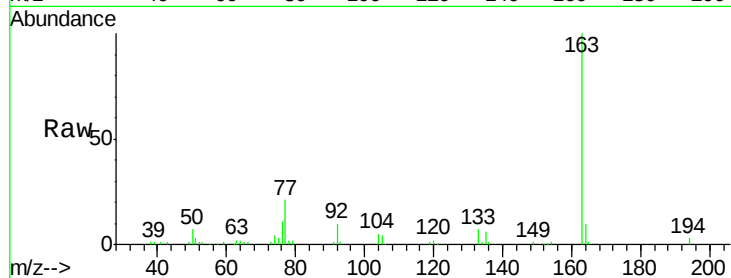
194 3.3 2.8 4.2

164 10.0 8.3 12.5

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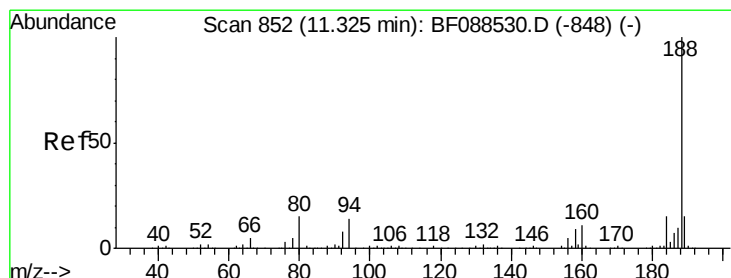
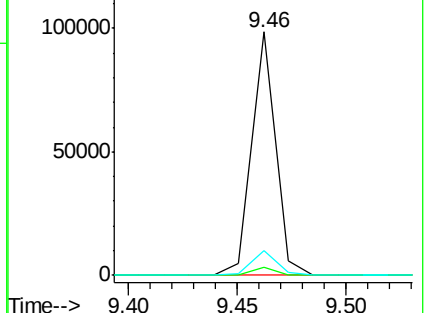
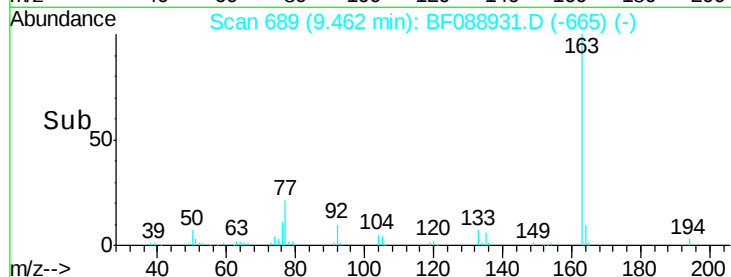
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Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

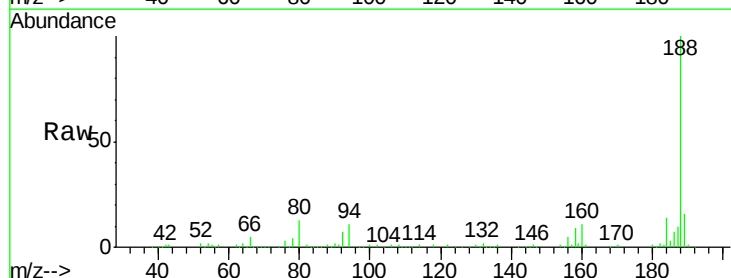
Tgt Ion:188 Resp: 146394

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

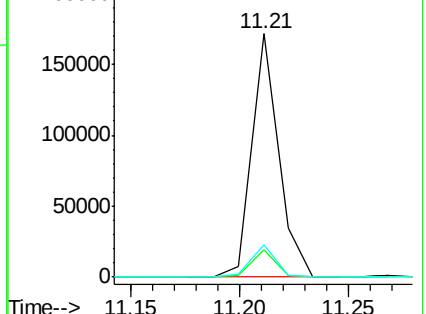
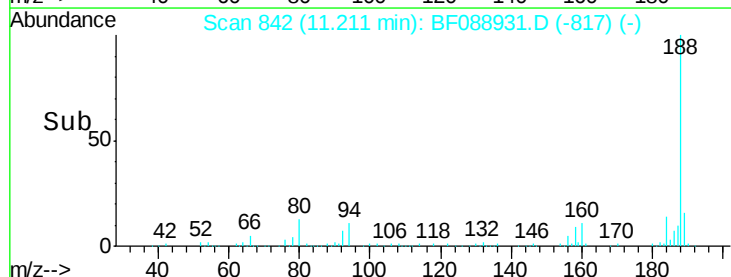
80 13.4 10.0 15.0

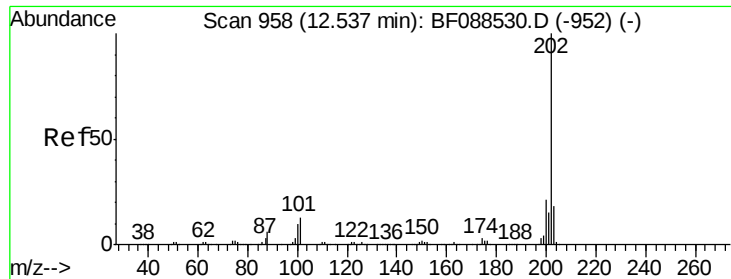


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





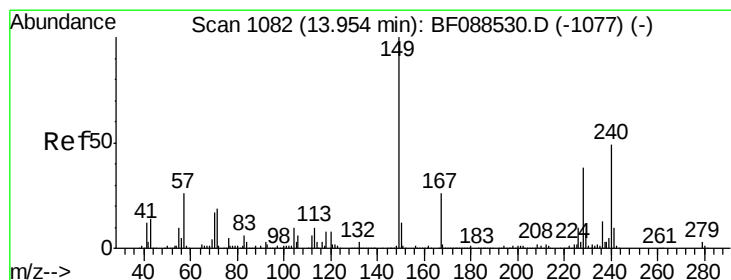
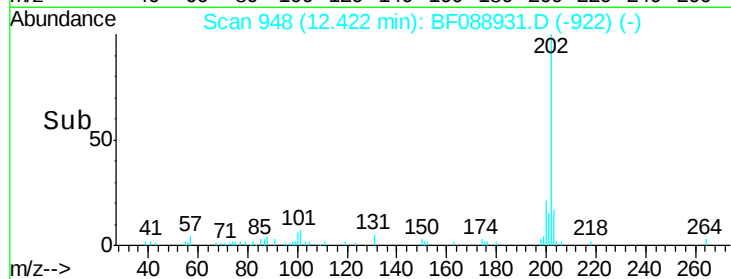
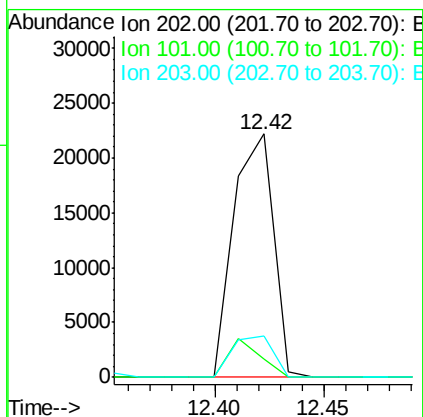
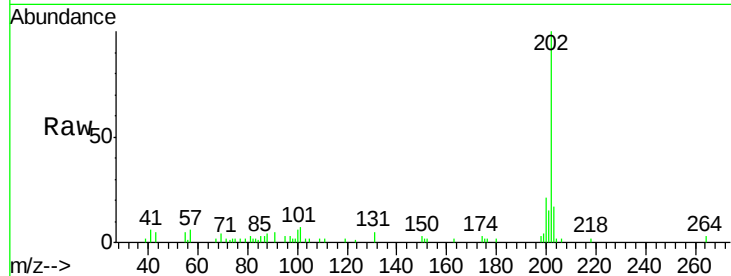
#74
 Fluoranthene
 Concen: 3.47 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	33.1
203	16.9	0.0	38.1

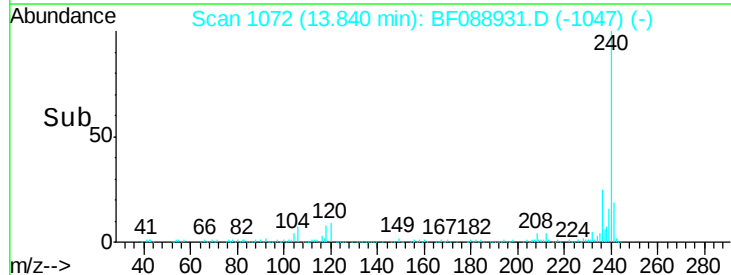
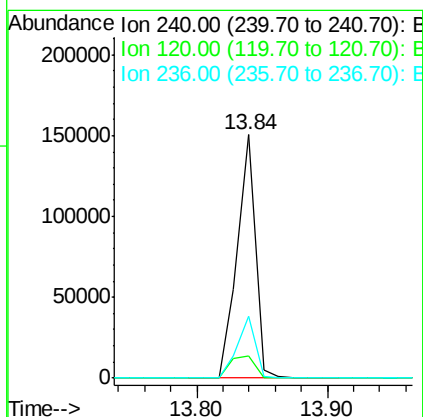
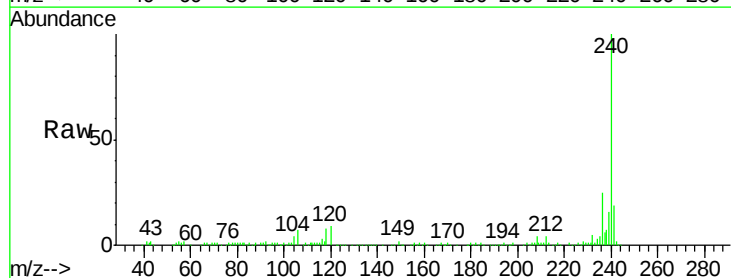
Manual Integrations

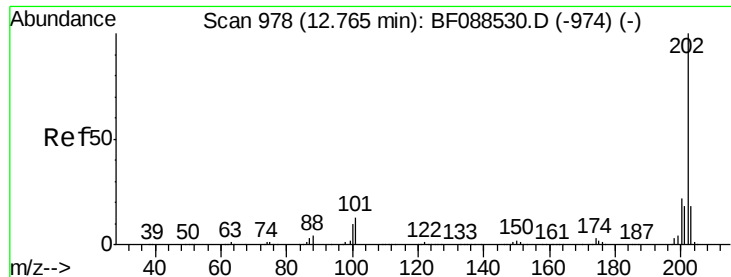
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	25.4	20.2	30.2





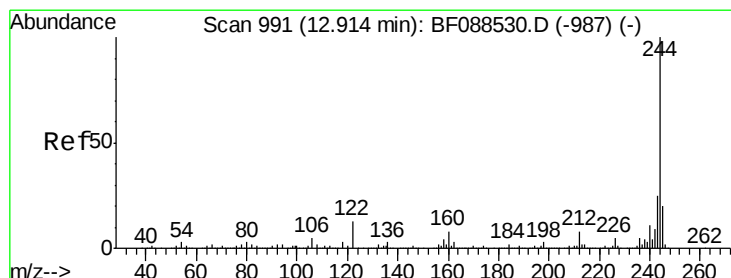
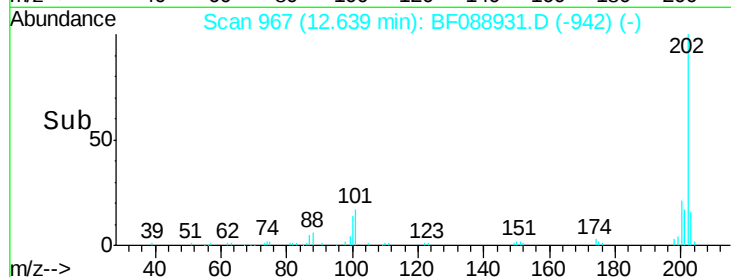
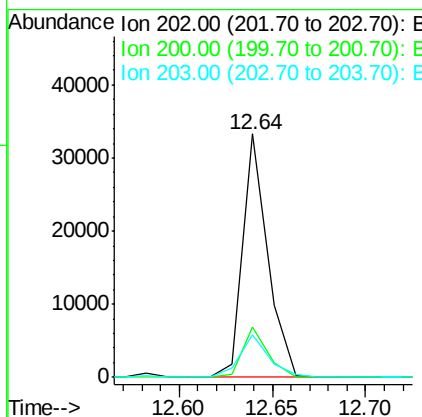
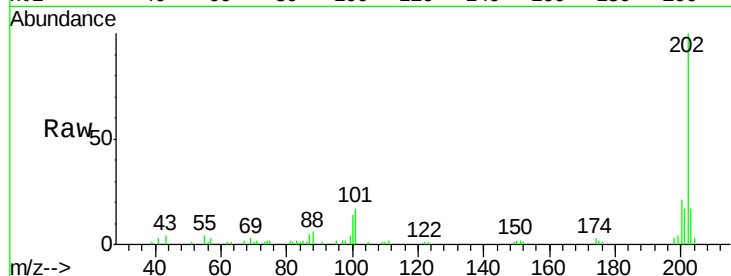
#77
Pvrene
Concen: 2.52 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.5	21.7

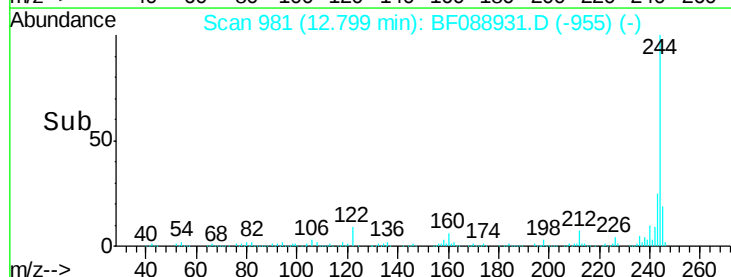
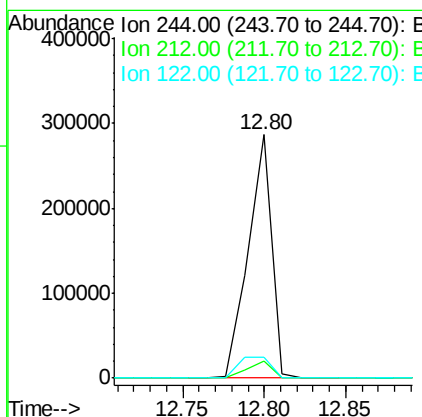
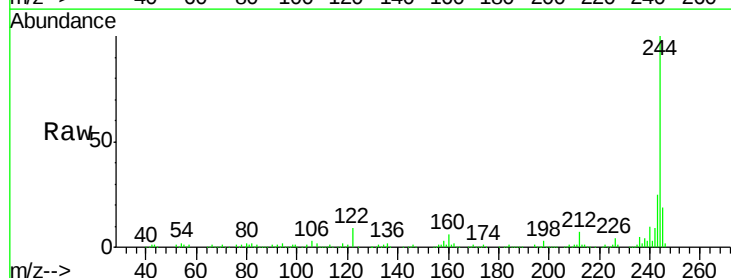
Manual Integrations

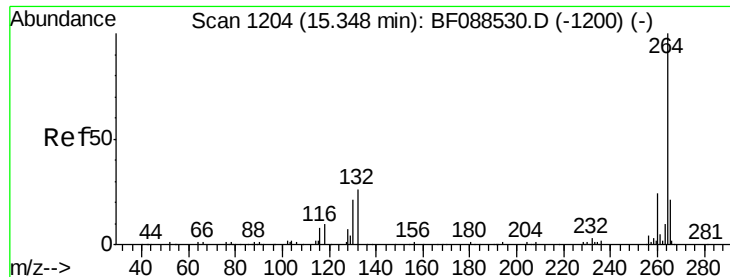
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#78
Terphenyl-d14
Concen: 43.49 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	8.5	11.2	16.8#





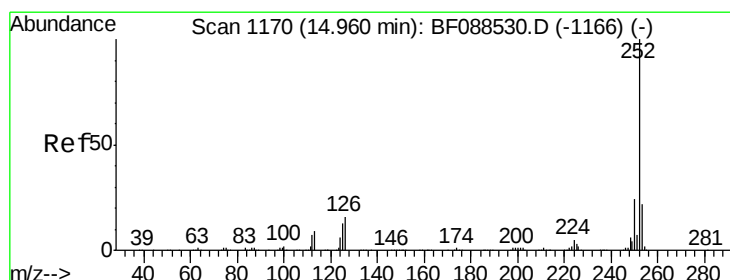
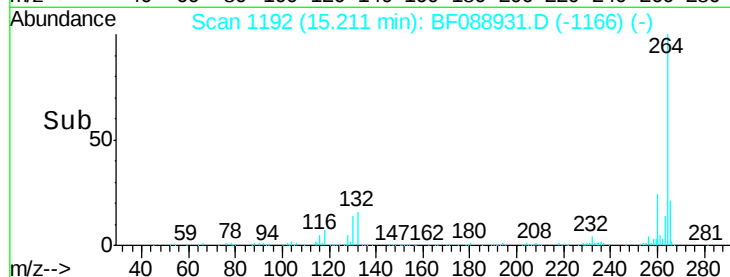
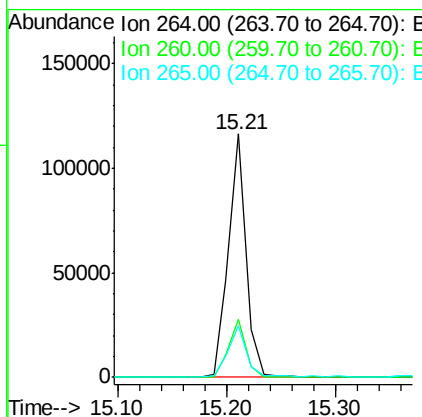
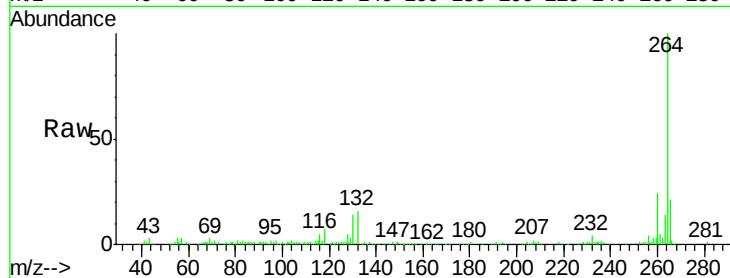
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	16.9	25.3

Manual Integrations

APPROVED
SOHIL
7/13/2016 9:25:37 AM



#87
Benzo(b)fluoranthene
Concen: 2.54 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	19.1	7.1	10.7#

