

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088627.D
 Acq On : 2 Jul 2016 20:04
 Operator : UM/SJ
 Sample : H3847-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C

Manual Integrations

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Quant Time: Jul 03 04:24:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112251	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	462717	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	187689	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	281897	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	228848	20.00	ng	-0.02
86) Perylene-d12	15.33	264	215599	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	644279	86.02	ng	-0.02
7) Phenol-d6	6.43	99	922670	95.34	ng	-0.01
23) Nitrobenzene-d5	7.36	82	577315	65.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	148174	85.02	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	740929	62.36	ng	-0.02
78) Terphenyl-d14	12.89	244	492682	47.95	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	219213	16.39	ng	98
74) Fluoranthene	12.51	202	35191	2.25	ng	95
87) Benzo(b)fluoranthene	14.94	252	27538m	2.04	ng	

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

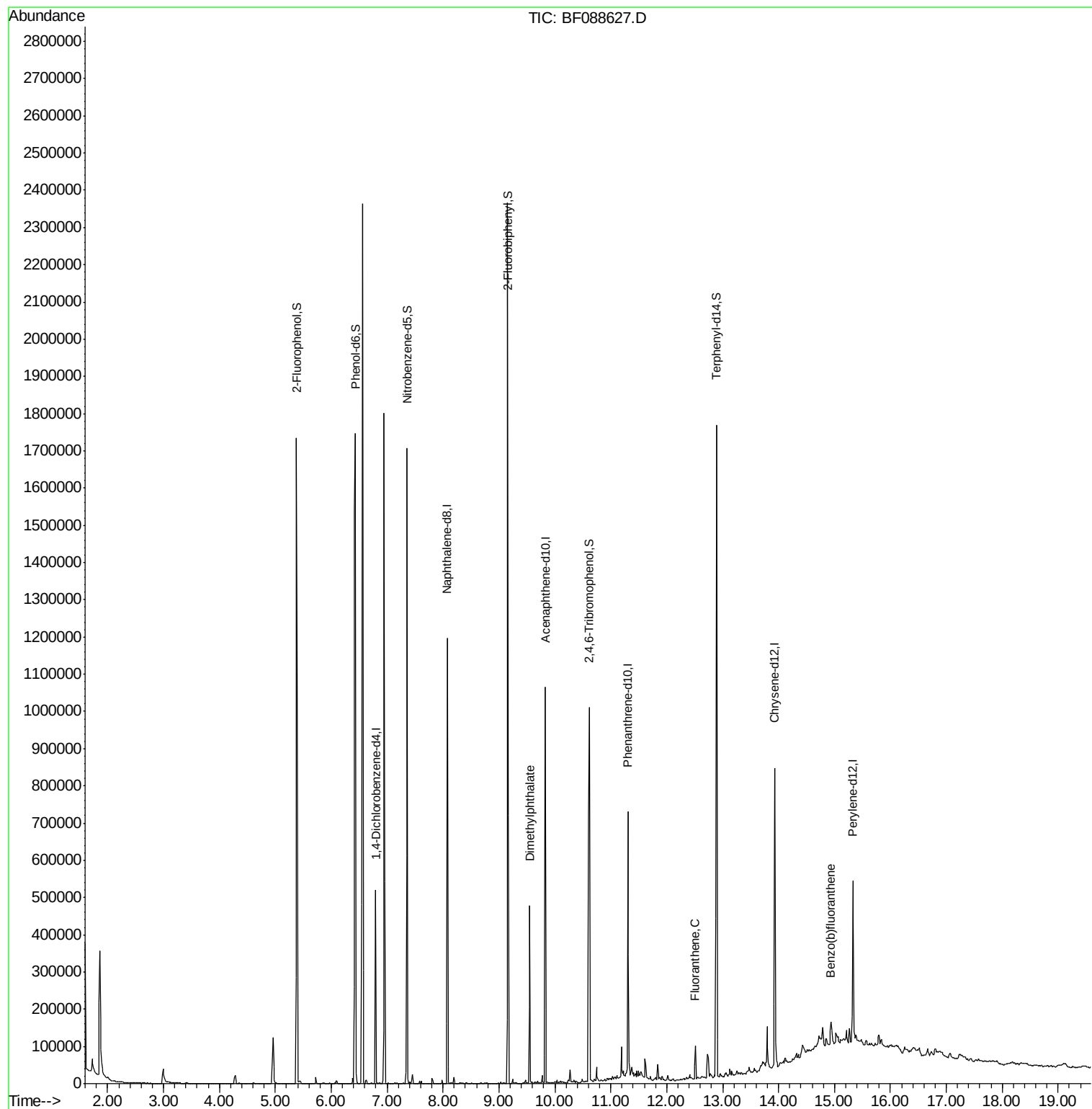
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088627.D
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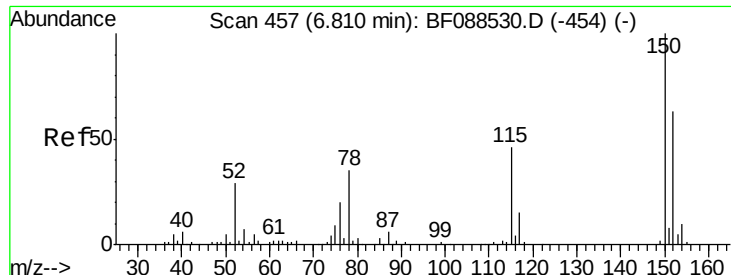
Instrument :
BNA_F
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S4-B3(0-12)C

Manual Integrations

Quant Time: Jul 03 04:24:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088627.D

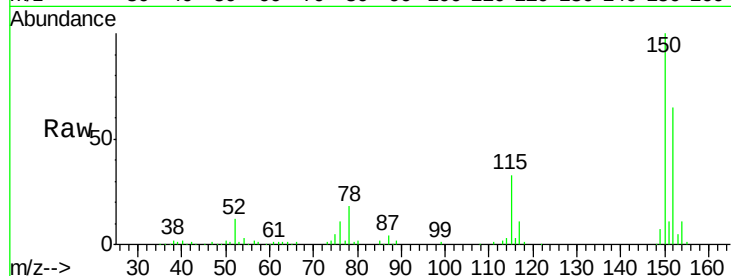
Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C



Tgt Ion:152 Resp: 112251

Ion Ratio Lower Upper

152 100

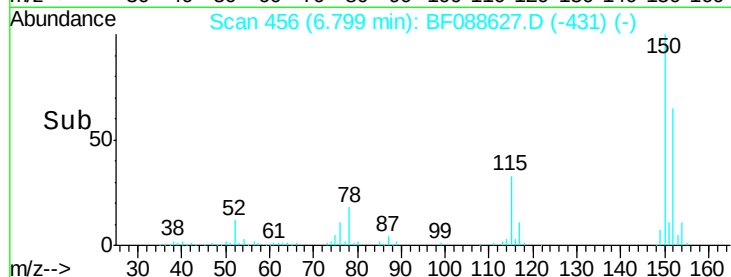
150 154.2 123.8 185.6

115 50.8 39.6 59.4

Manual Integrations

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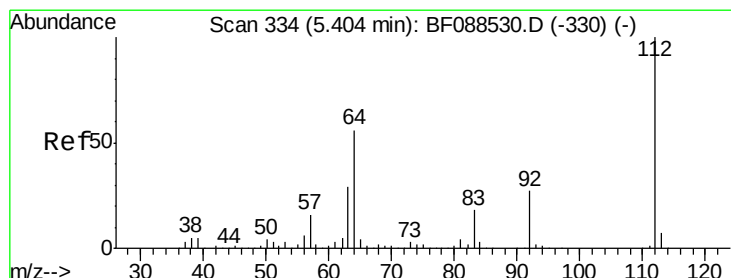
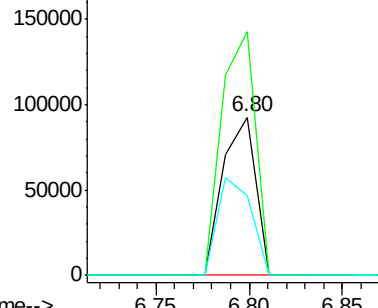
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 86.02 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

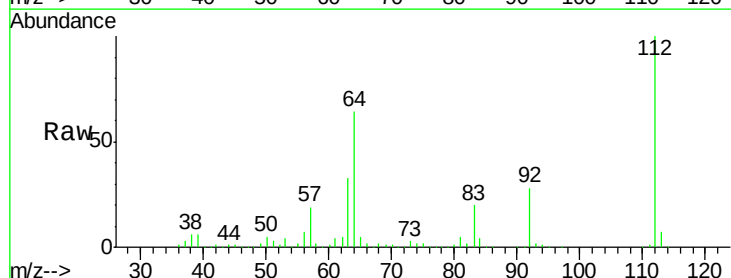
Tgt Ion:112 Resp: 644279

Ion Ratio Lower Upper

112 100

64 64.3 42.2 63.2#

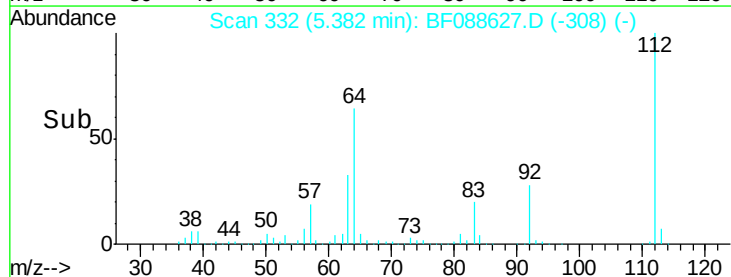
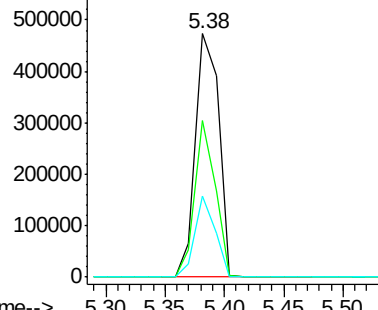
63 33.3 21.8 32.8#

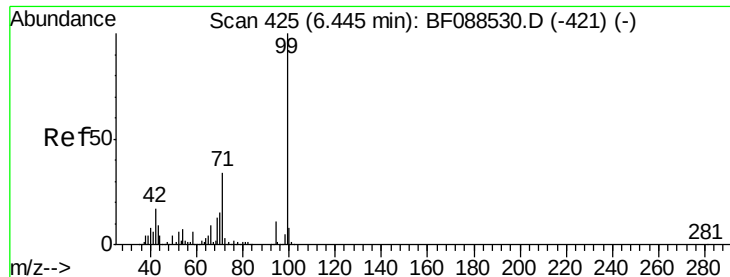


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.34 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088627.D

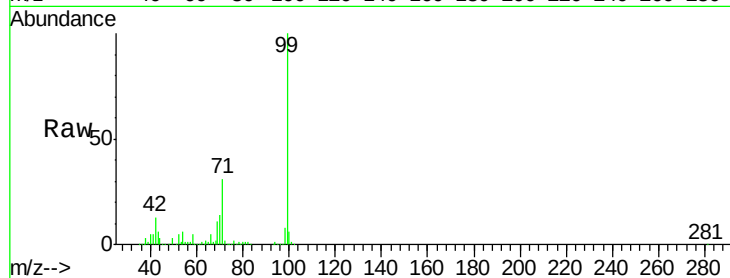
Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C



Tgt Ion: 99 Resp: 922670

Ion Ratio Lower Upper

99 100

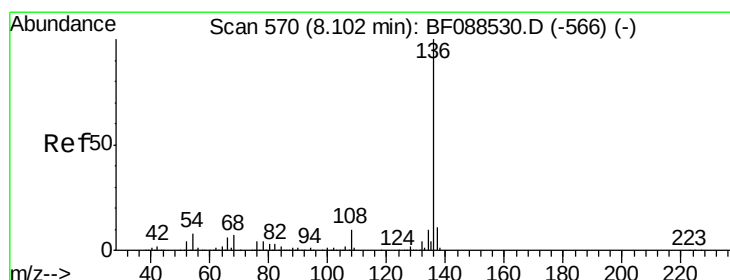
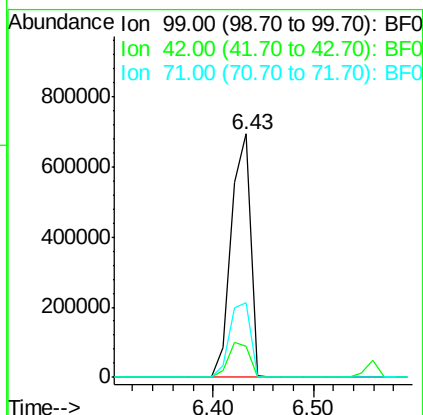
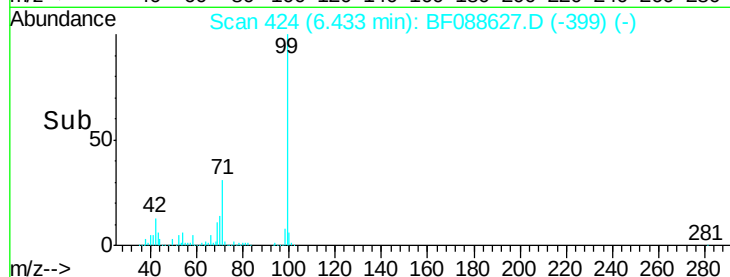
42 12.9 12.2 18.2

71 30.5 23.4 35.0

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Tgt Ion: 136 Resp: 462717

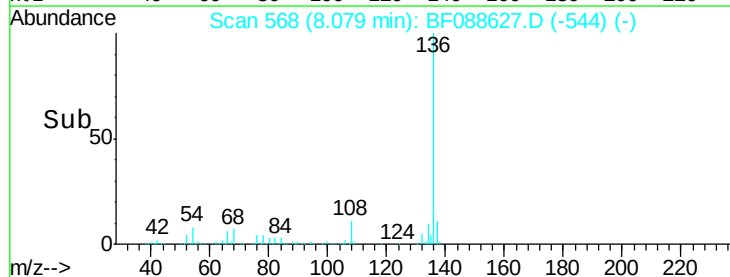
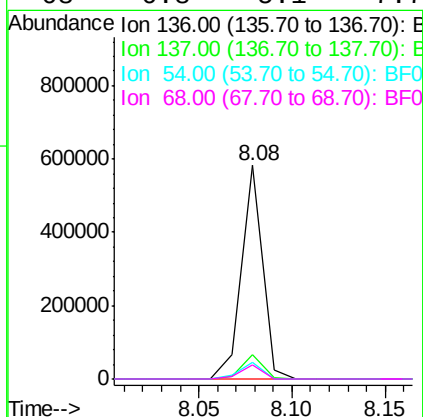
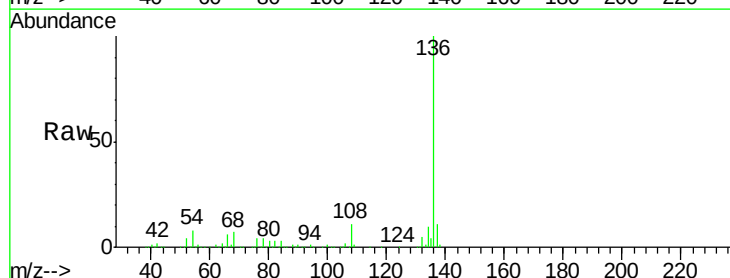
Ion Ratio Lower Upper

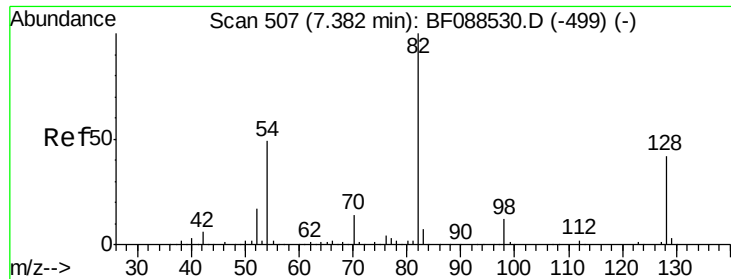
136 100

137 11.2 9.1 13.7

54 7.9 6.6 10.0

68 6.8 5.1 7.7





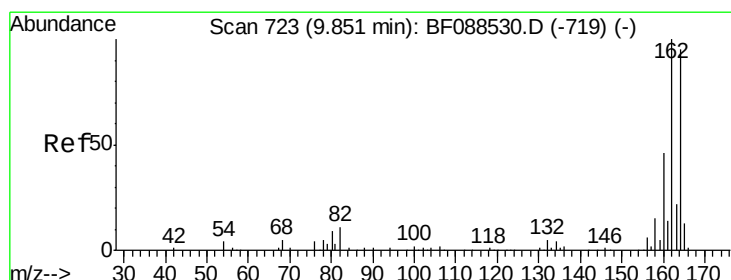
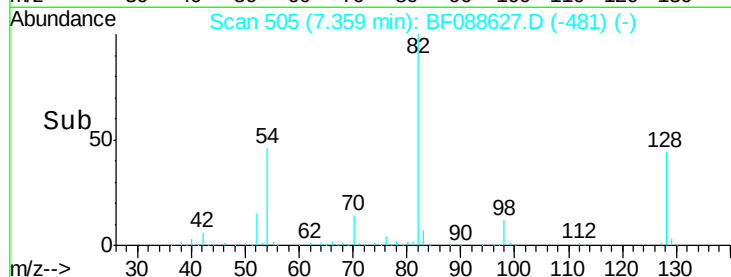
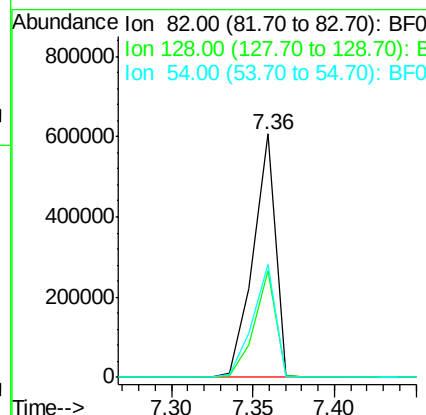
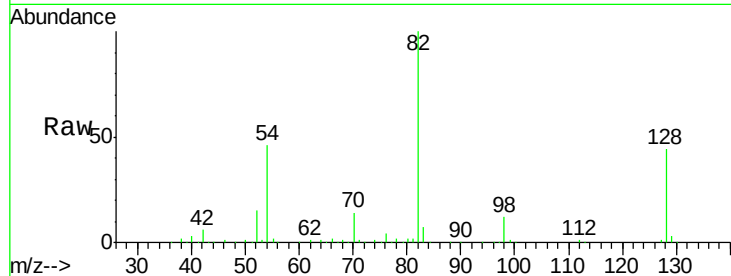
#23
 Nitrobenzene-d5
 Concen: 65.38 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.9	53.9
54	46.3	40.9	61.3

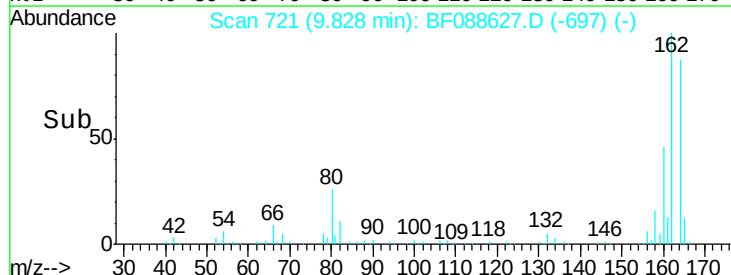
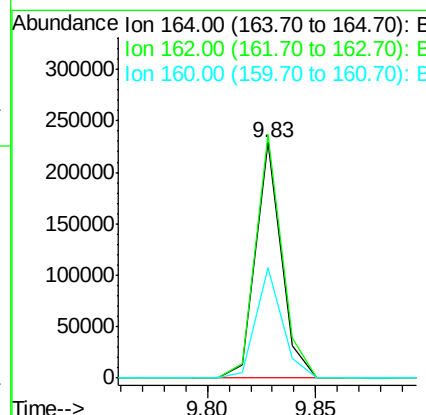
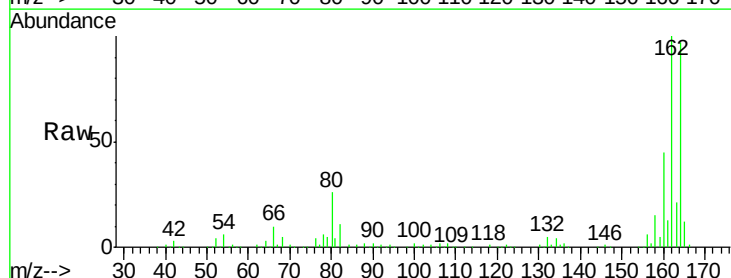
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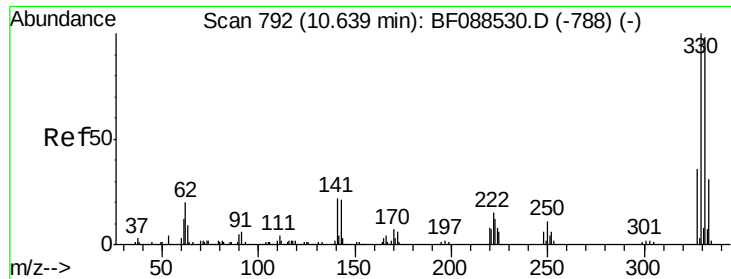
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

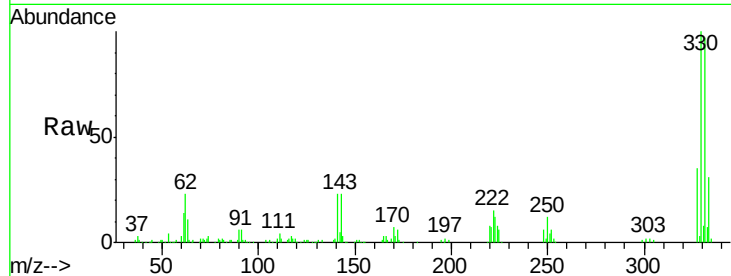
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	47.0	39.5	59.3





#41
 2,4,6-Tribromophenol
 Concen: 85.02 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

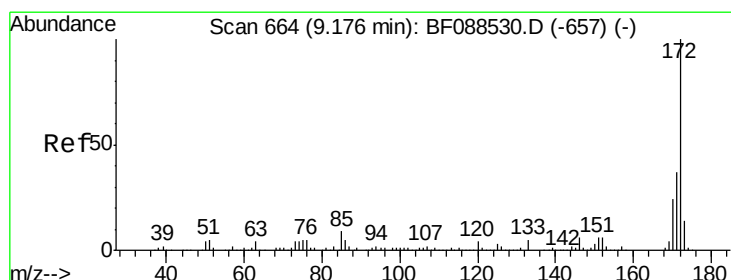
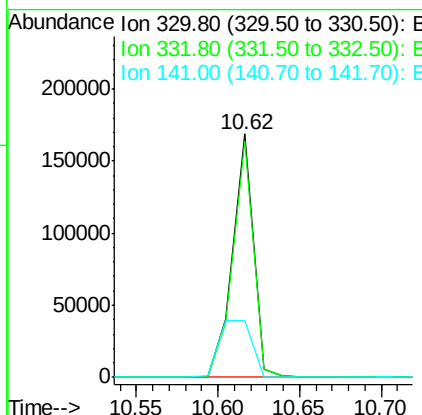
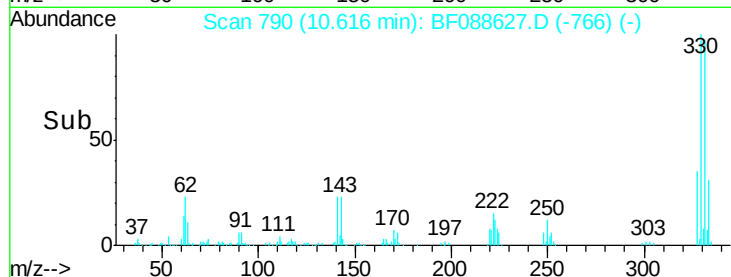
Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148174		
332	96.3	0.0	0.0	0.0
141	37.1	0.0	0.0	0.0

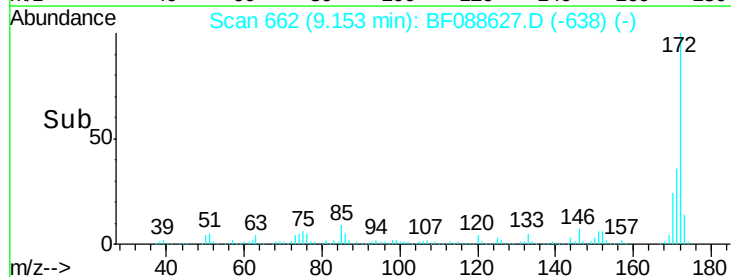
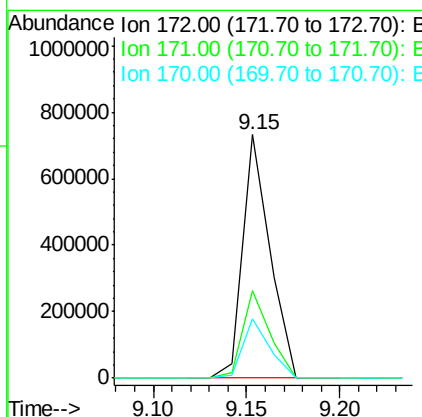
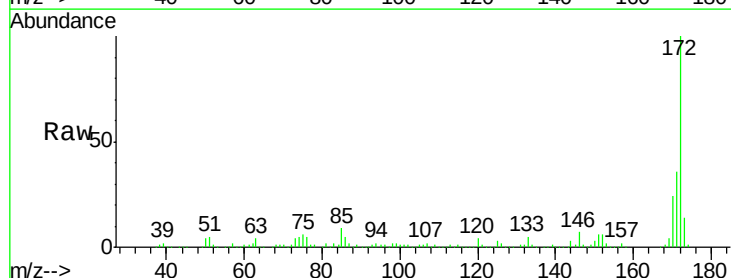
Manual Integrations

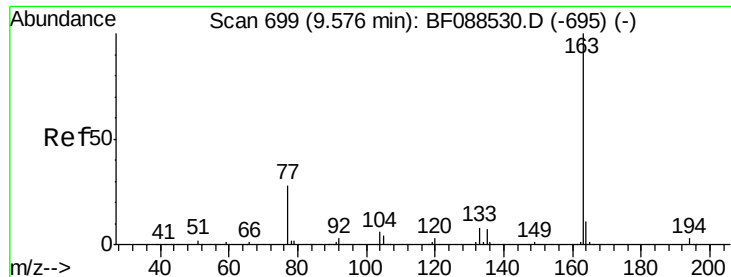
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#44
 2-Fluorobiphenyl
 Concen: 62.36 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	740929		
171	35.8	28.6	43.0	
170	24.2	19.2	28.8	





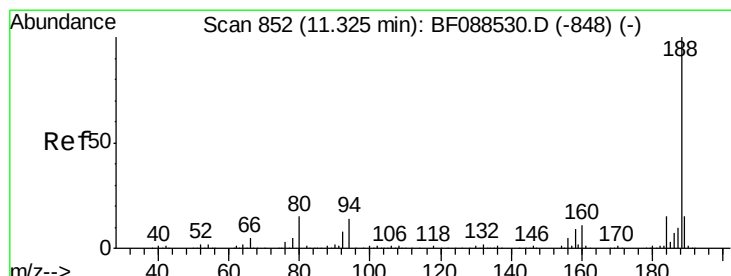
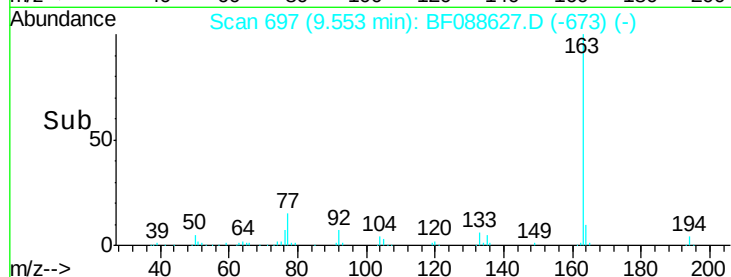
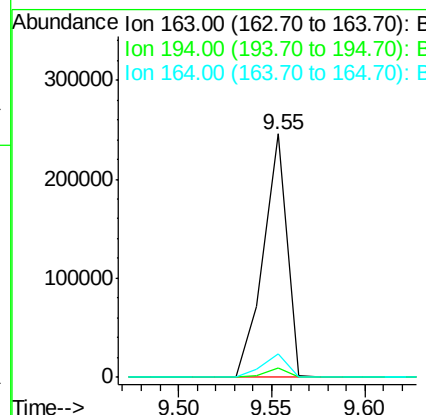
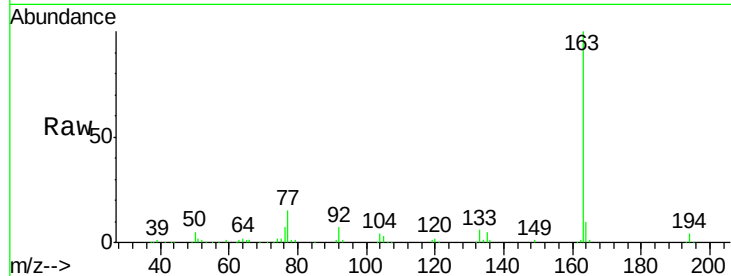
#49
Dimethylphthalate
Concen: 16.39 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Instrument :
BNA_F
ClientSampleId :
S4-B3(0-12)C

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.7	8.3	12.5

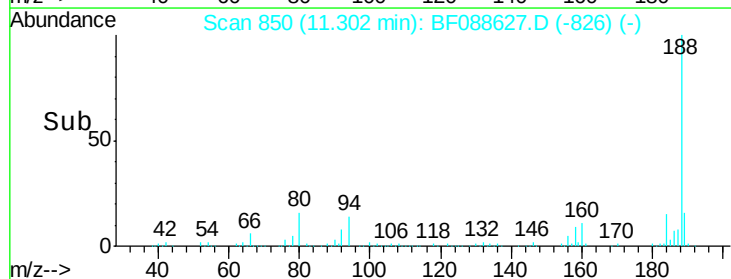
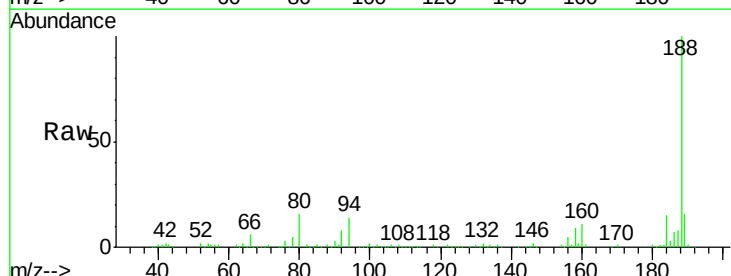
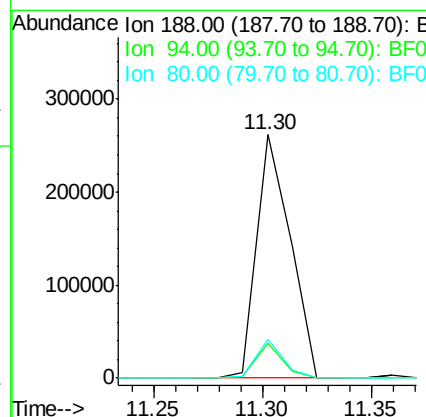
Manual Integrations

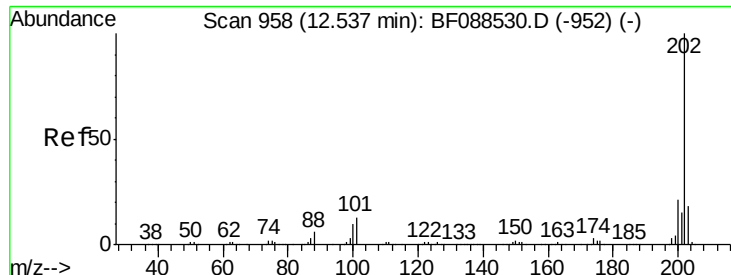
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.1	9.0	13.6#
80	16.1	10.0	15.0#





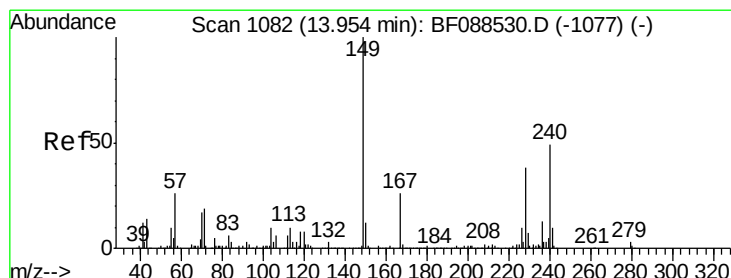
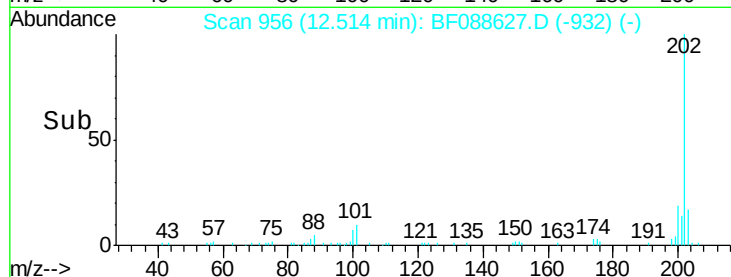
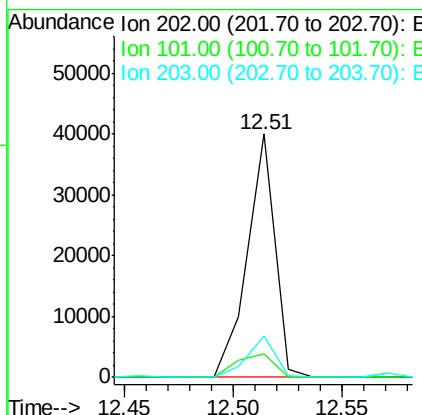
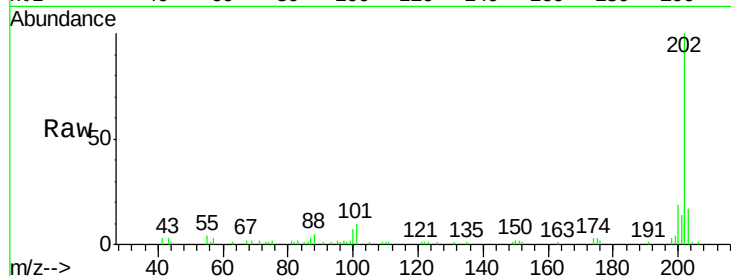
#74
 Fluoranthene
 Concen: 2.25 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	35191		
101	9.7	0.0	33.1	
203	16.9	0.0	38.1	

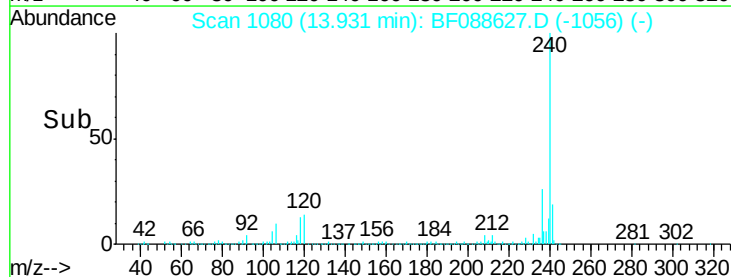
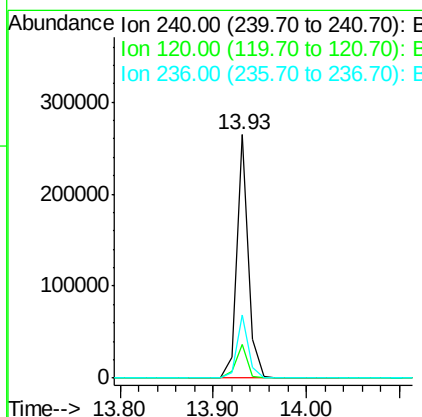
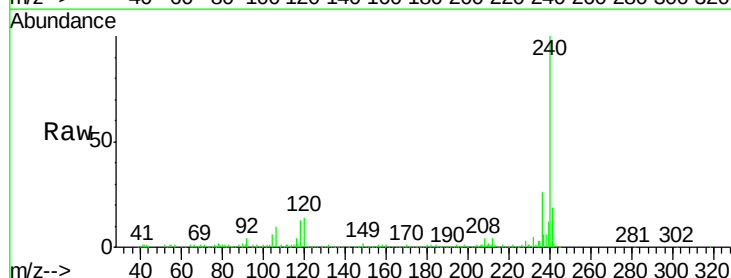
Manual Integrations

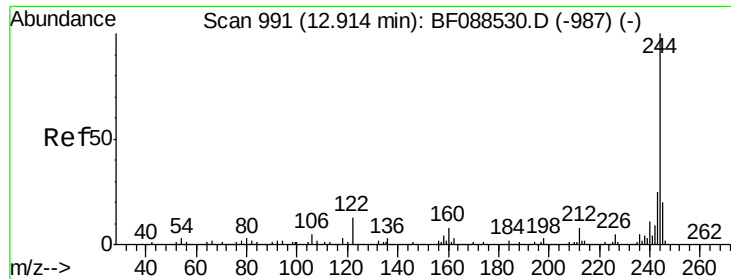
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	228848		
120	14.1	6.8	10.2#	
236	26.1	20.2	30.2	





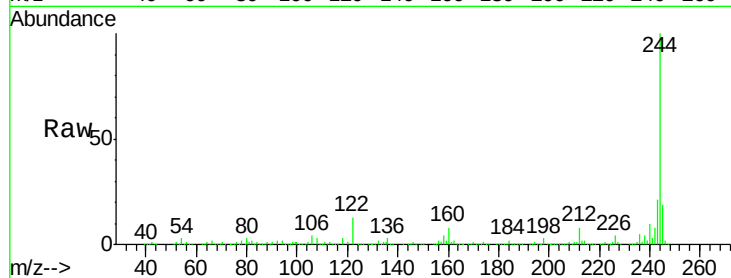
#78
 Terphenyl-d14
 Concen: 47.95 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C

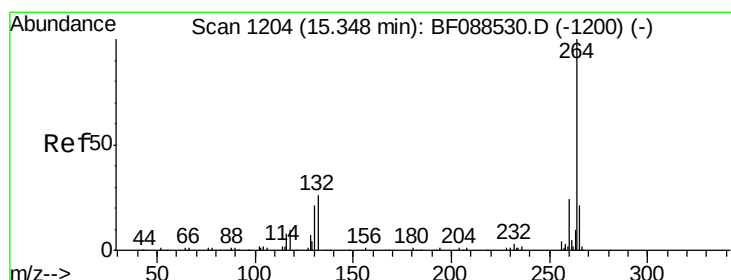
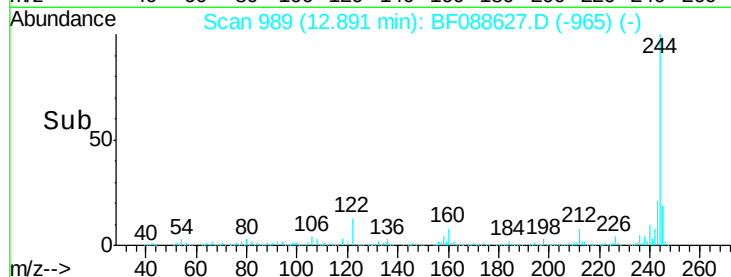
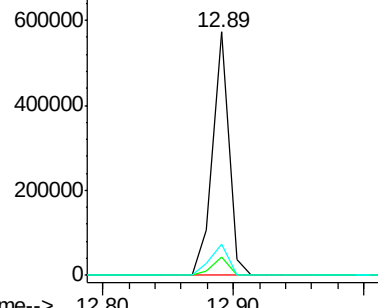
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.8	11.2	16.8

Manual Integrations

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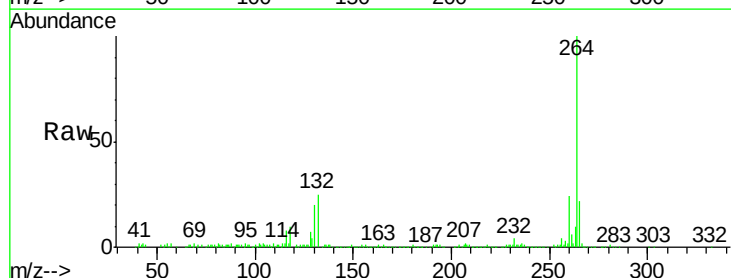


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

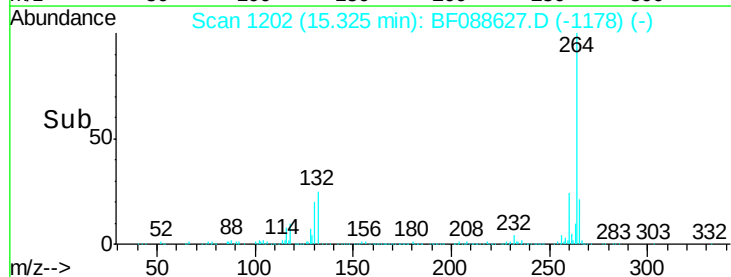
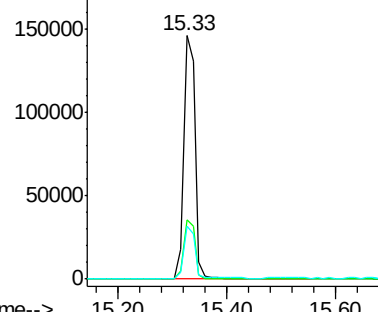


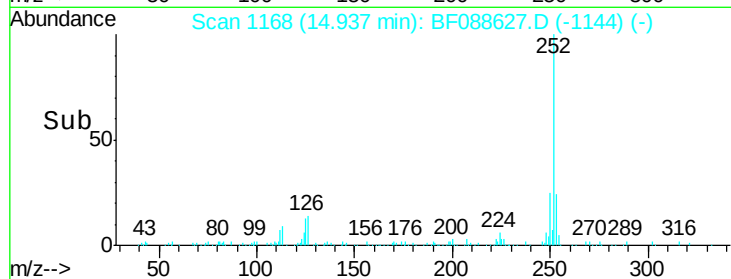
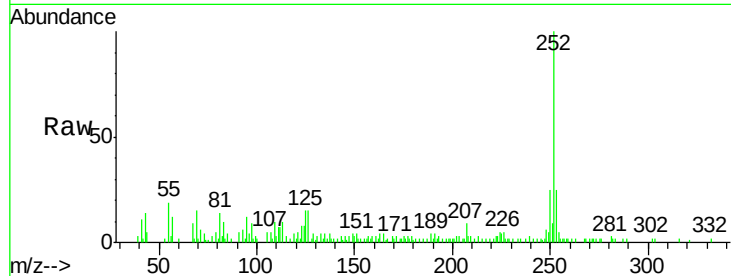
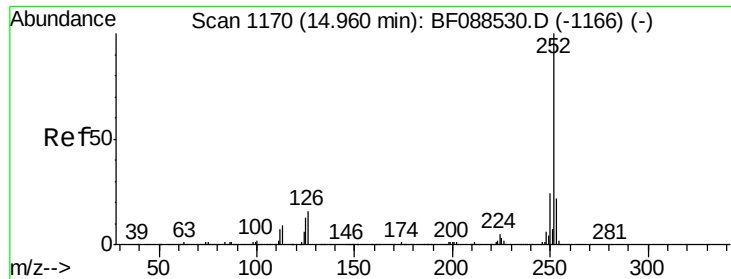
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.04 ng m

RT: 14.94 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	15.3	7.1	10.7

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C

Manual Integrations

umangi

7/5/2016 7:36:19 PM

