

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089049.D
 Acq On : 16 Jul 2016 12:06
 Operator : UM/SJ
 Sample : H3951-13 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2in)

Manual Integrations

sohil
 7/18/2016 7:36:32 PM

Quant Time: Jul 18 01:30:56 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	61722	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	228021	20.00	ng	-0.06
38) Acenaphthene-d10	9.70	164	115128	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	184026	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	114081	20.00	ng	-0.05
86) Perylene-d12	15.18	264	110702	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	73477	17.84	ng	-0.05
7) Phenol-d6	6.31	99	100613	18.91	ng	-0.05
23) Nitrobenzene-d5	7.22	82	59050	13.57	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	12072	11.29	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	116844	16.03	ng	-0.05
78) Terphenyl-d14	12.77	244	66889	13.06	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.43	163	29310	3.57	ng	Qvalue 100
70) Phenanthrene	11.20	178	68927	6.85	ng	98
74) Fluoranthene	12.38	202	124543	12.21	ng	97
77) Pyrene	12.61	202	107700	11.13	ng	99
79) Butylbenzylphthalate	13.25	149	20183	4.68	ng	96
80) Benzo(a)anthracene	13.79	228	55530m	7.56	ng	
82) Chrysene	13.83	228	53053m	7.30	ng	
83) Bis(2-ethylhexyl)phthalate	13.81	149	13257	2.69	ng	97
85) Indeno(1,2,3-cd)pyrene	16.45	276	31612	5.65	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	74555m	10.74	ng	
88) Benzo(k)fluoranthene	14.81	252	21432m	3.55	ng	
89) Benzo(a)pyrene	15.12	252	50674	8.62	ng	97
91) Benzo(a,h,i)perylene	16.82	276	30897	6.08	ng	99

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

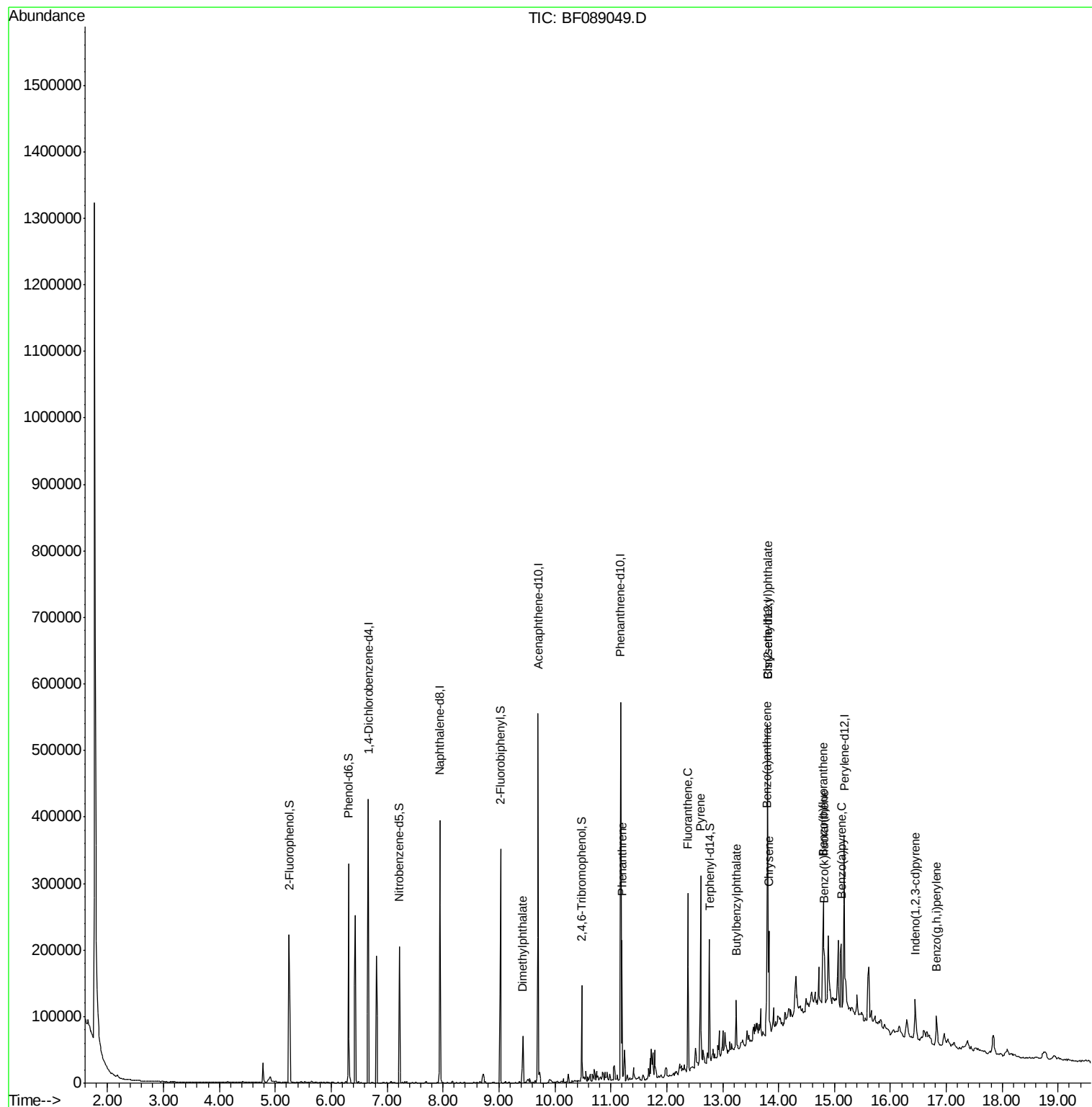
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089049.D
Acq On : 16 Jul 2016 12:06
Operator : UM/SJ
Sample : H3951-13 5X
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Instrument :
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Quant Time: Jul 18 01:30:56 2016
Quant Method : Z:\HPCHEM1\BNA 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





#1

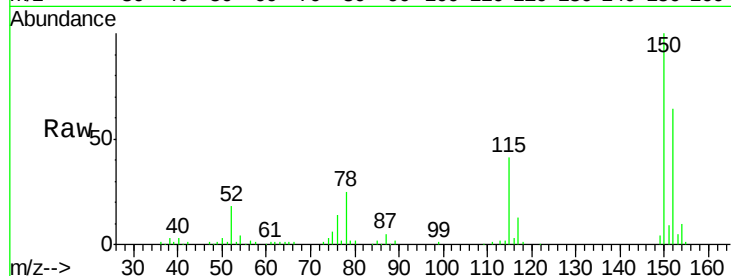
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	63.4	39.6	59.4

Manual Integrations

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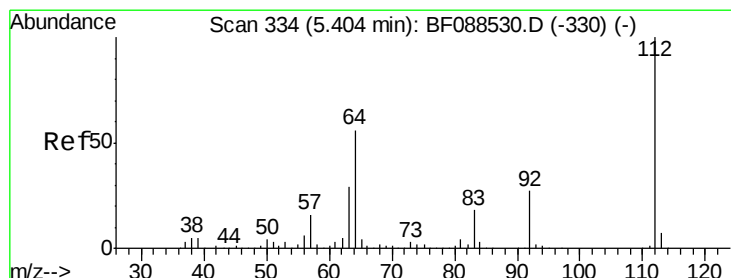
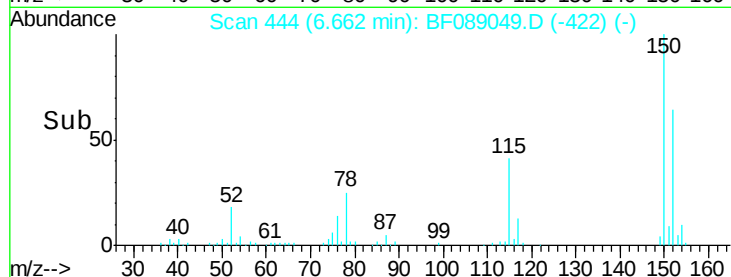
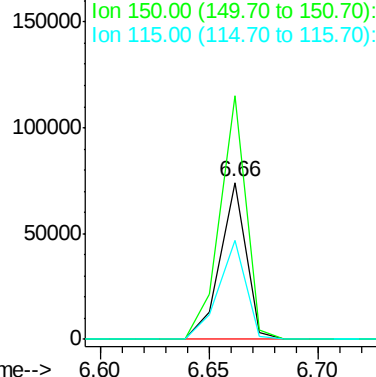


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

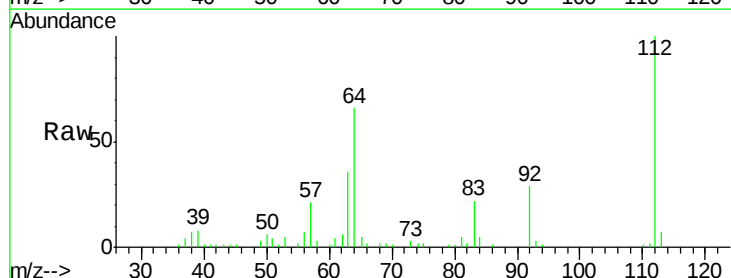
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.84 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	42.2	63.2
63	36.3	21.8	32.8

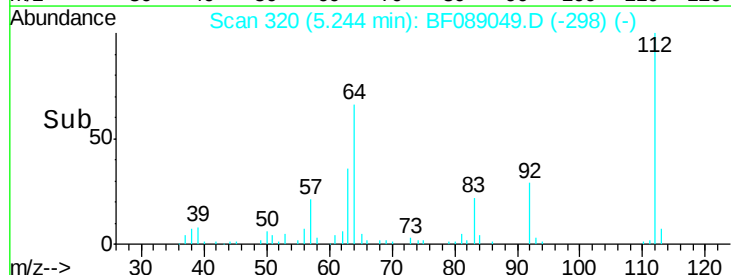
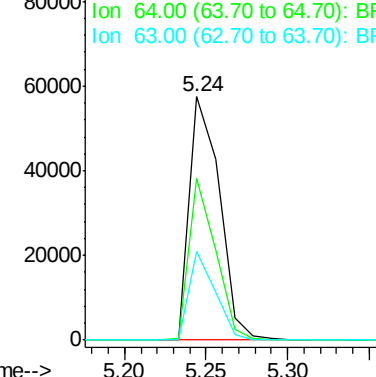


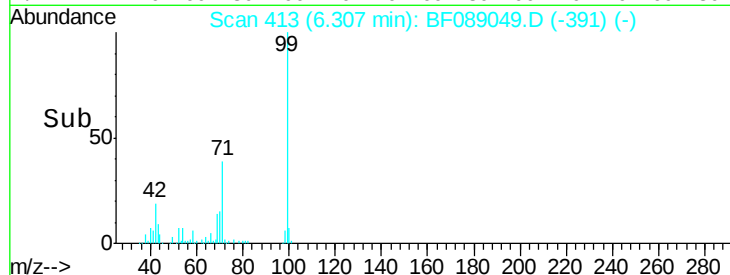
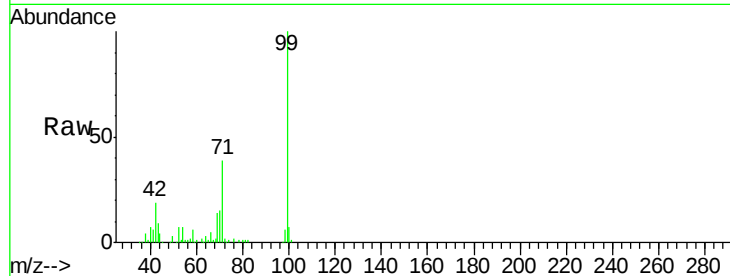
Abundance

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: 18.91 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

Tot Ion:	99	Resp:	100613
Ion Ratio	Lower	Upper	
99	100		
42	18.6	12.2	18.2#
71	39.1	23.4	35.0#

Instrument :

BNA_F

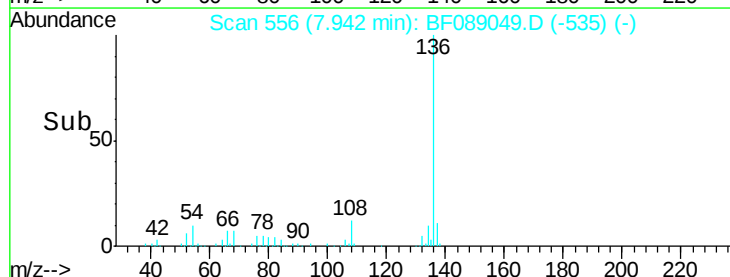
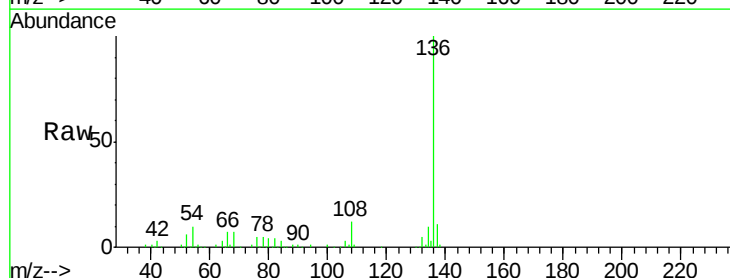
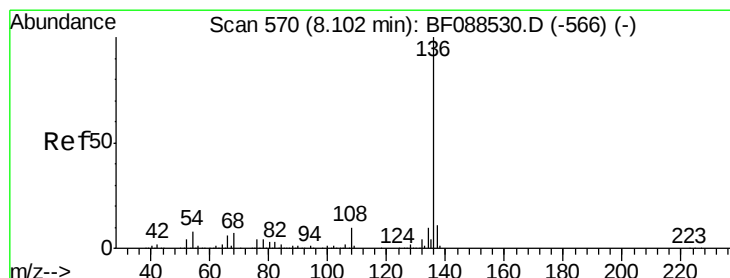
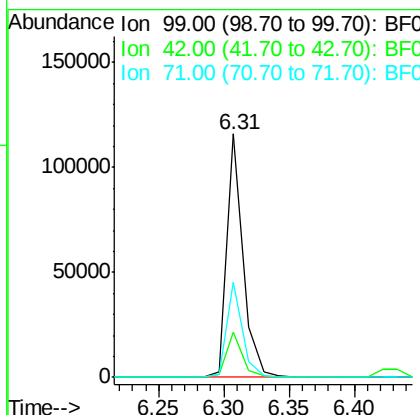
ClientSampleId :

LSS-SB-SB05(0-2in)

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

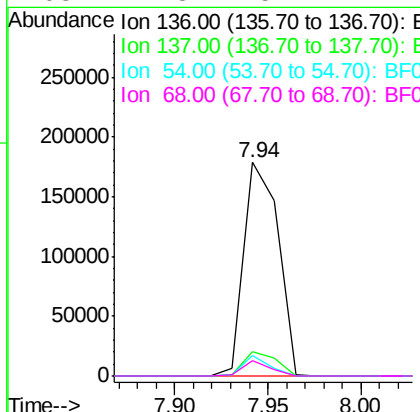
RT: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

Tgt Ion:	136	Resp:	228021
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.6	6.6	10.0
68	7.3	5.1	7.7





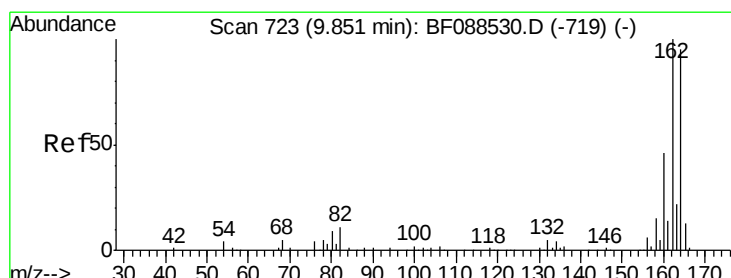
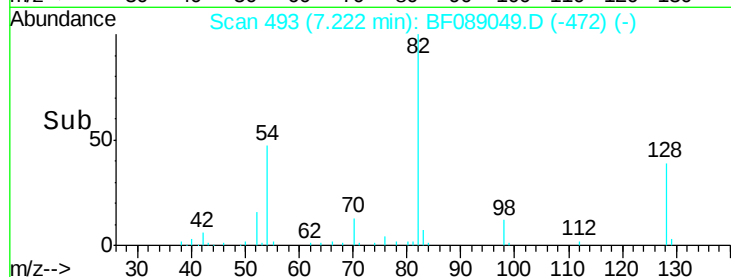
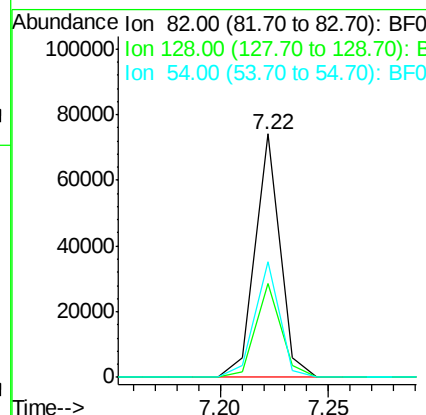
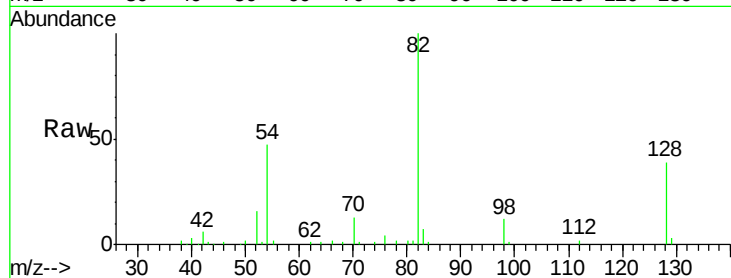
#23
 Nitrobenzene-d5
 Concen: 13.57 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.06 min
 Lab File: BF089049.D
 Acq: 16 Jul 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2in)

Tot Ion:	82	Resp:	59050
Ion Ratio	Lower	Upper	
82	100		
128	38.6	35.9	53.9
54	47.2	40.9	61.3

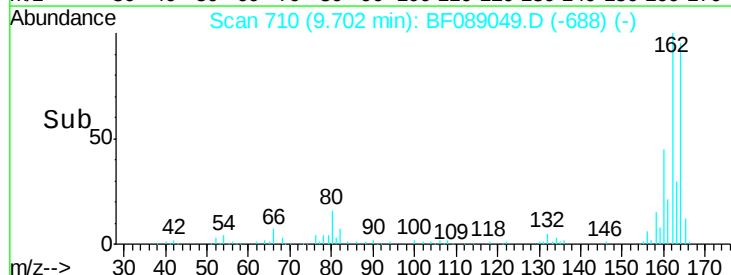
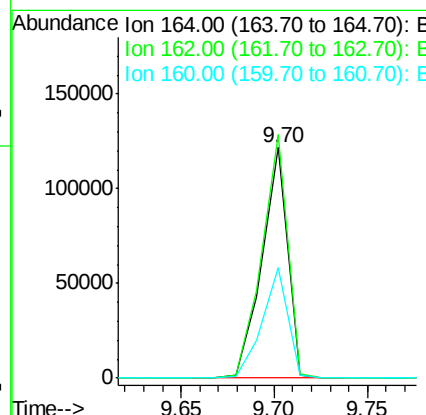
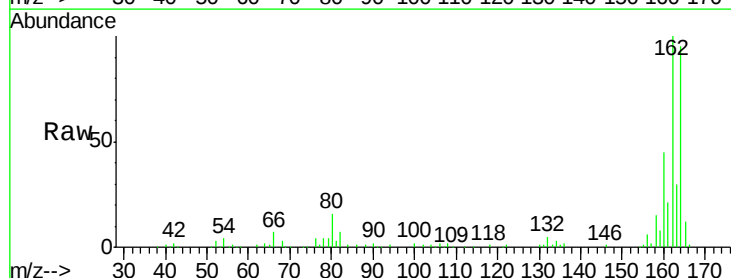
Manual Integrations

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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: BF089049.D
 Acq: 16 Jul 2016 12:06

Tgt Ion:	164	Resp:	115128
Ion Ratio	Lower	Upper	
164	100		
162	105.6	85.4	128.2
160	47.9	39.5	59.3





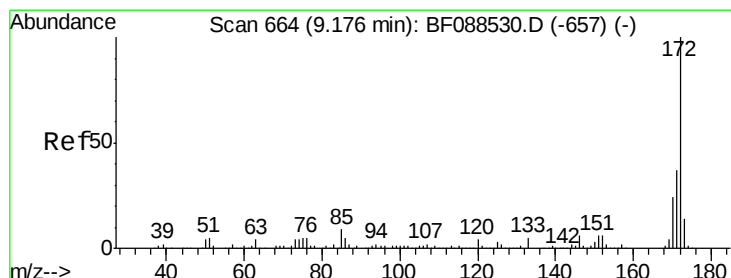
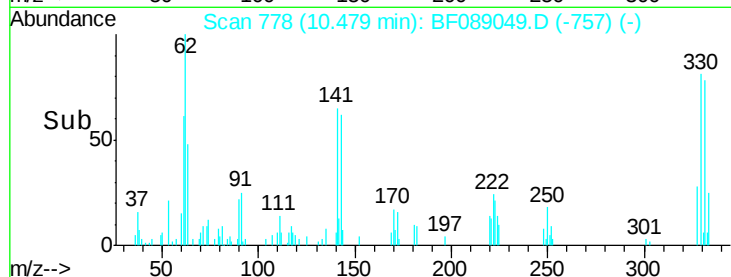
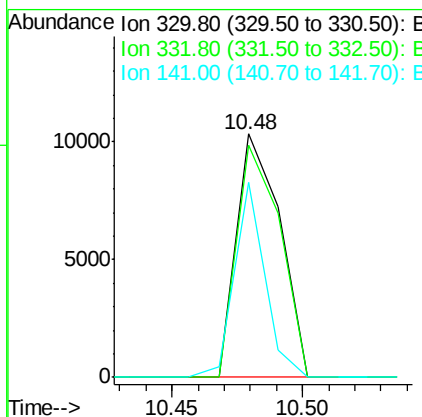
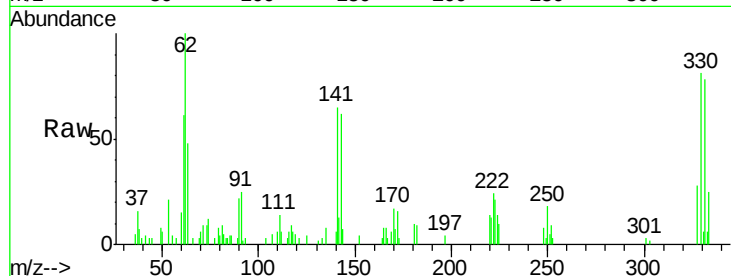
#41
 2,4,6-Tribromophenol
 Concen: 11.29 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089049.D
 Acq: 16 Jul 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	56.0	0.0	0.0#

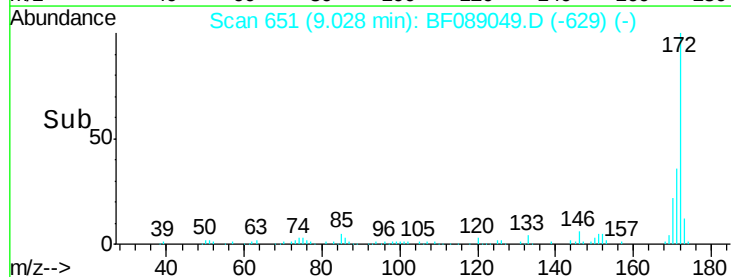
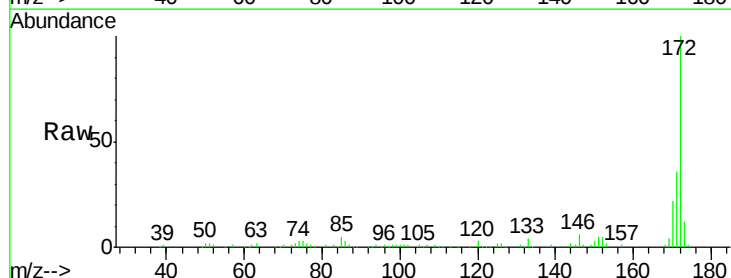
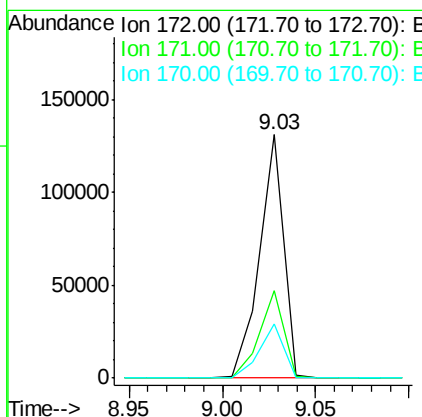
Manual Integrations

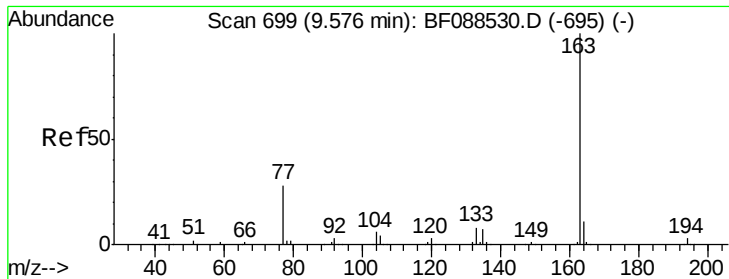
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#44
 2-Fluorobiphenyl
 Concen: 16.03 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089049.D
 Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	22.3	19.2	28.8





#49

Dimethylphthalate

Concen: 3.57 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF089049.D

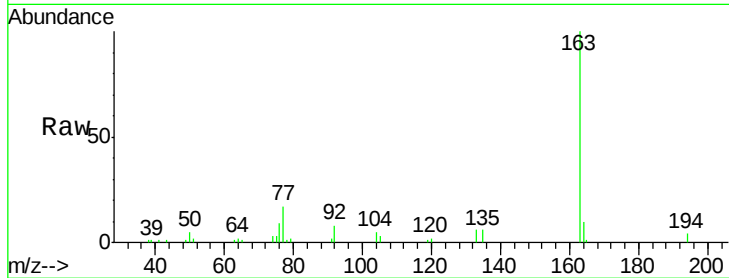
Acq: 16 Jul 2016 12:06

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2in)

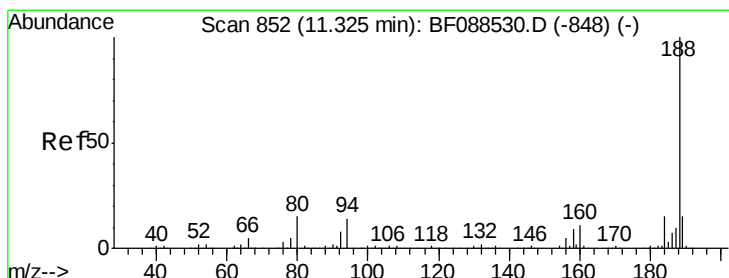
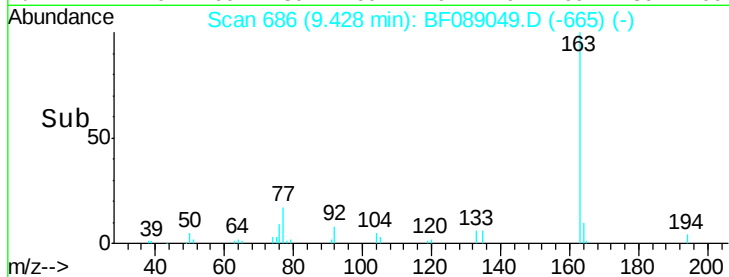
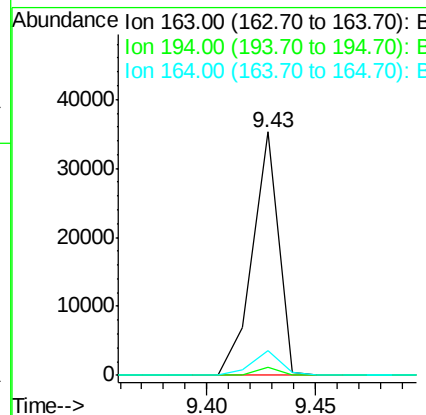


Tot Ion:	163	Resp:	29310
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.8	4.2
164	10.3	8.3	12.5

Manual Integrations

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7/18/2016 7:36:32 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

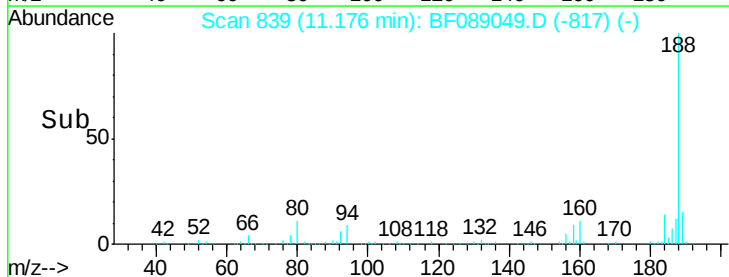
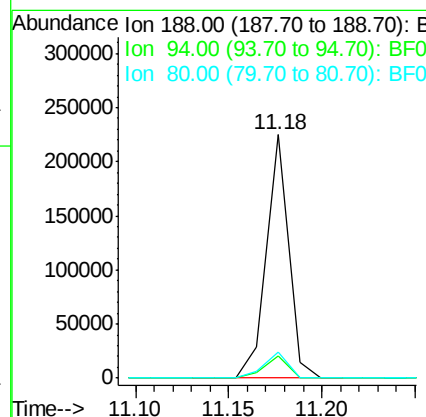
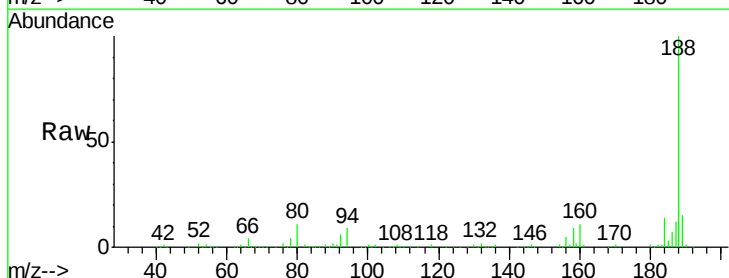
RT: 11.18 min Scan# 839

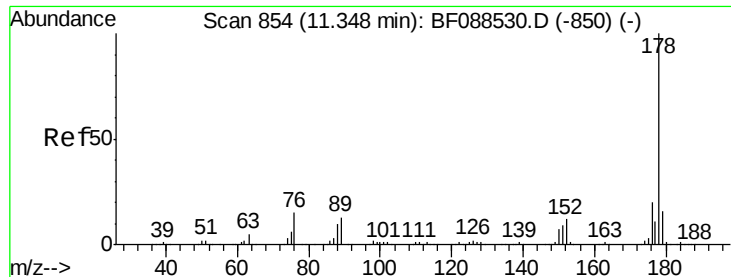
Delta R.T. -0.05 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

Tgt Ion:	188	Resp:	184026
Ion Ratio	Lower	Upper	
188	100		
94	9.2	9.0	13.6
80	10.6	10.0	15.0





#70

Phenanthrene

Concen: 6.85 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.05 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2in)

Tot Ion:178 Resp: 68927

Ion Ratio Lower Upper

178 100

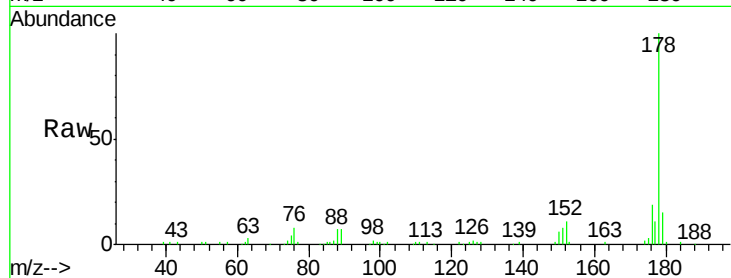
176 18.8 15.8 23.6

179 15.1 13.0 19.4

Manual Integrations

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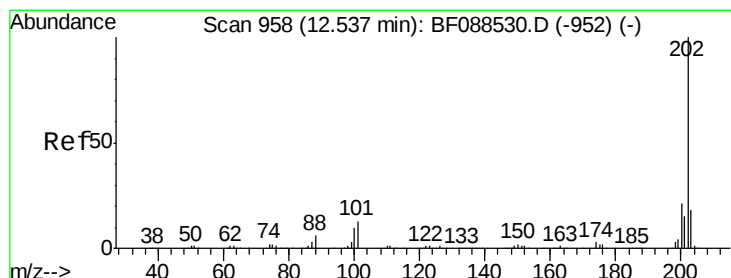
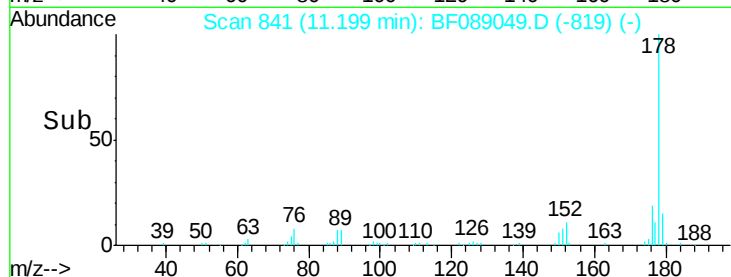
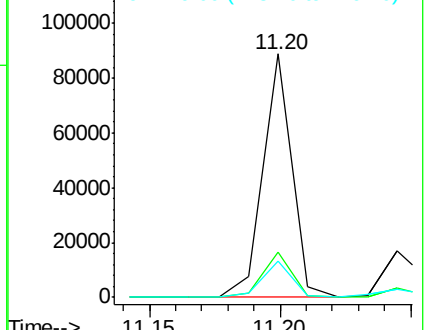
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 12.21 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.05 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

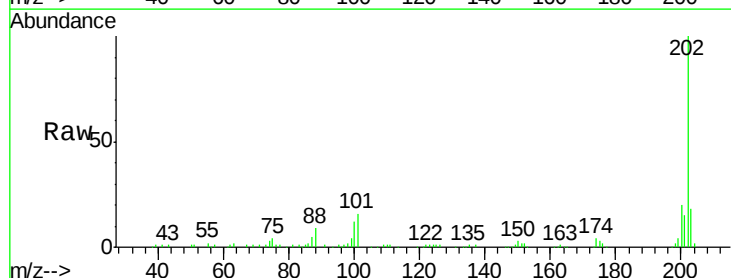
Tgt Ion:202 Resp: 124543

Ion Ratio Lower Upper

202 100

101 15.8 0.0 33.1

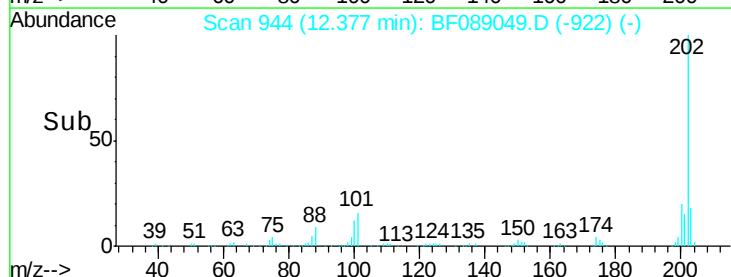
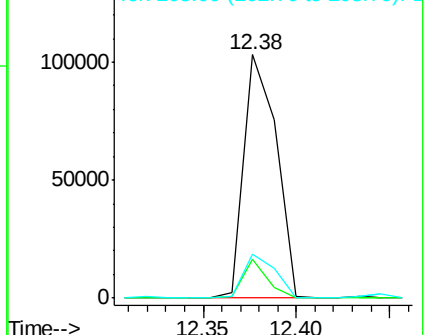
203 18.2 0.0 38.1

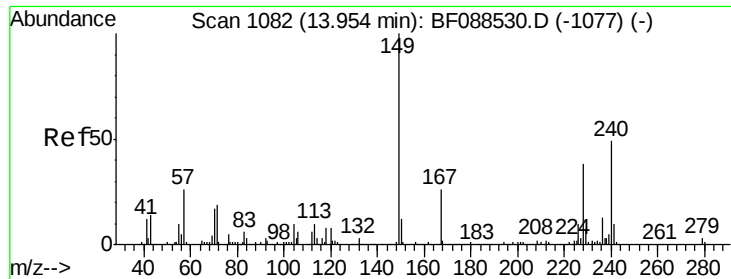


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

Instrument :

BNA_F

ClientSampleId :

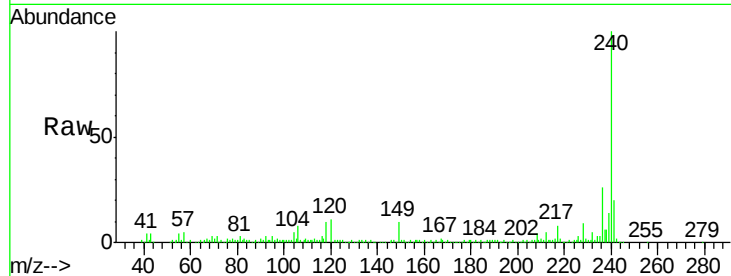
LSS-SB-SB05(0-2in)

Tot Ion:	240	Resp:	114081
Ion Ratio	Lower	Upper	
240	100		
120	11.4	6.8	10.2#
236	25.8	20.2	30.2

Manual Integrations

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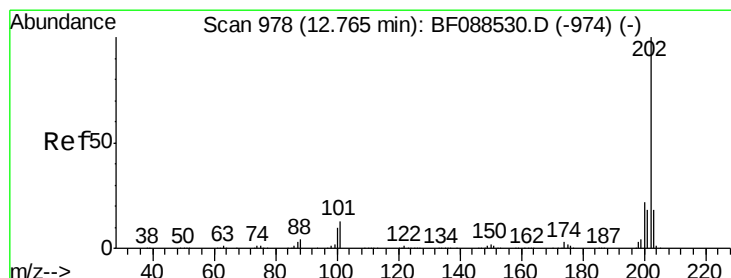
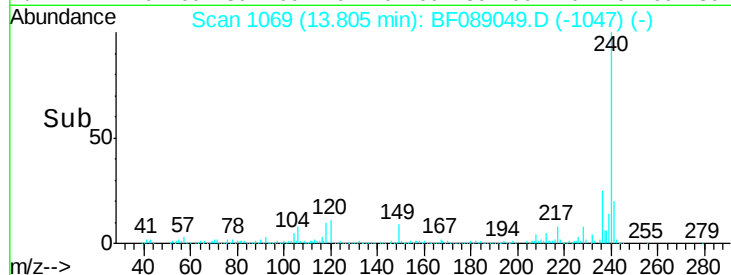
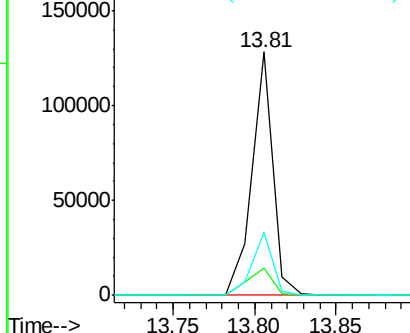
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 11.13 ng

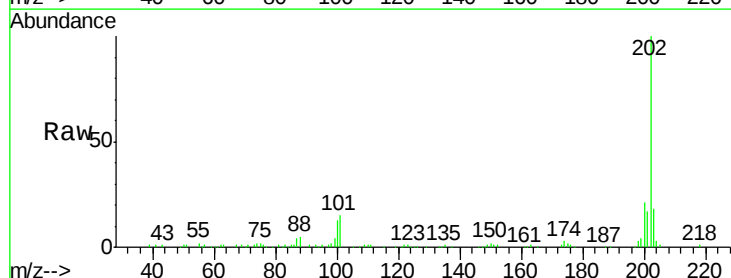
RT: 12.61 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF089049.D

Acq: 16 Jul 2016 12:06

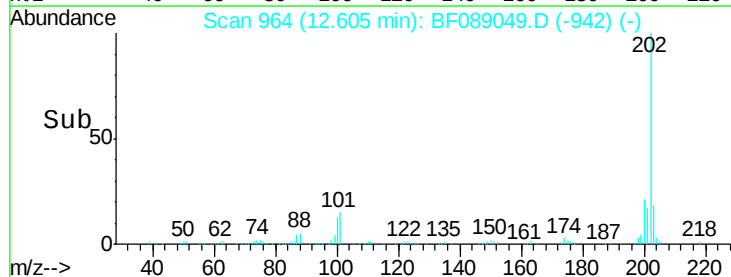
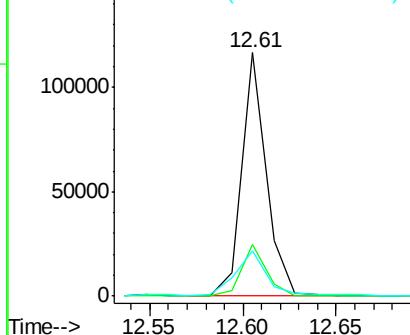
Tgt Ion:	202	Resp:	107700
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.5	14.5	21.7



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





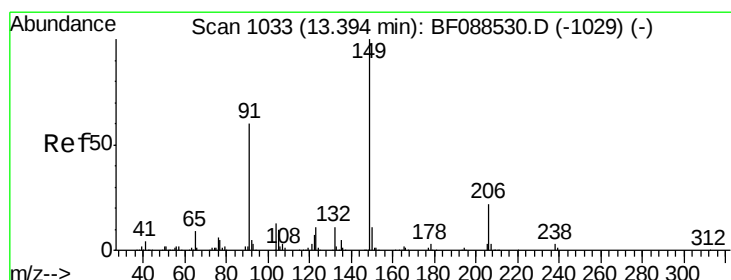
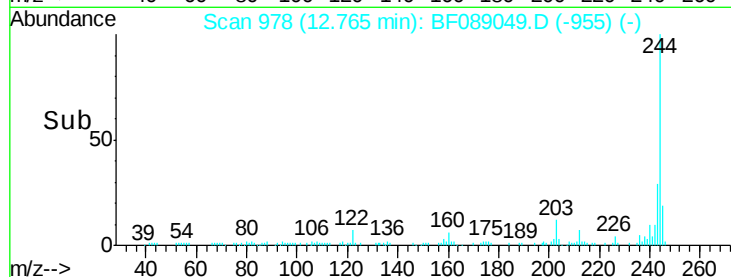
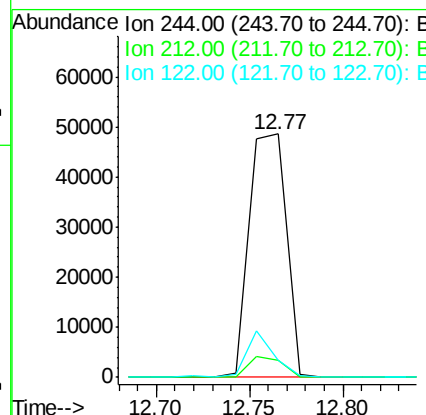
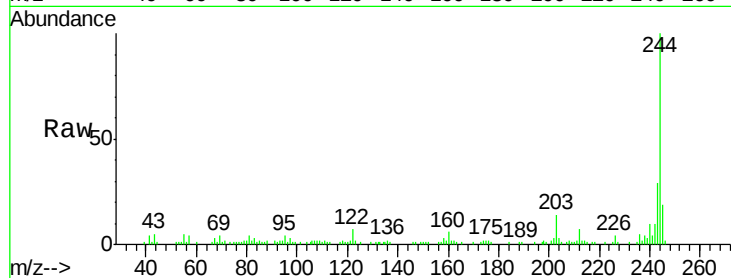
#78
 Terphenyl-d14
 Concen: 13.06 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF089049.D
 Acq: 16 Jul 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.0	11.2	16.8

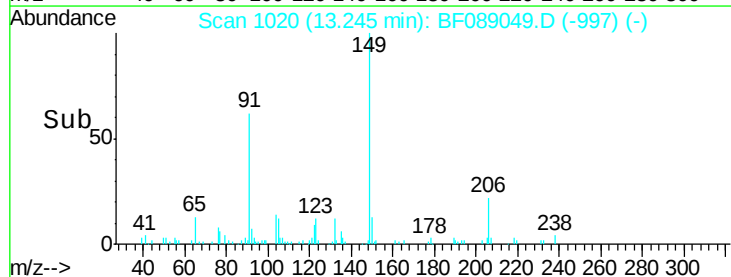
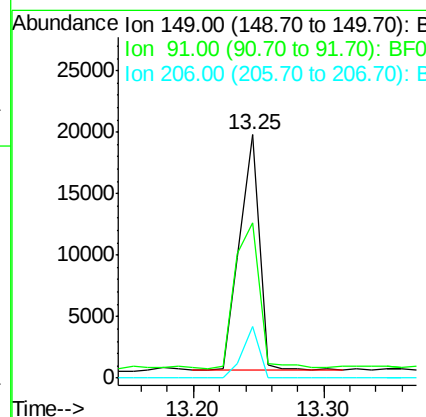
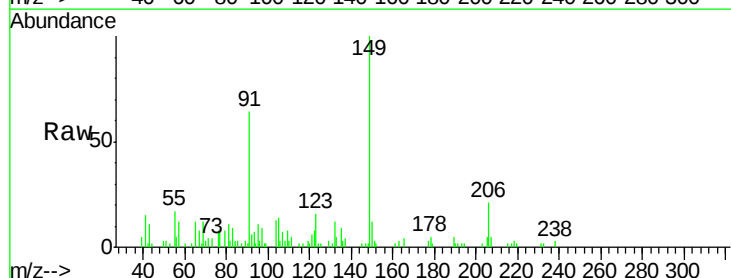
Manual Integrations

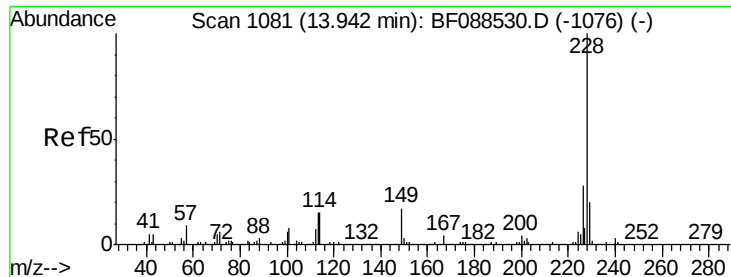
sohil
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#79
 Butylbenzylphthalate
 Concen: 4.68 ng
 RT: 13.25 min Scan# 1020
 Delta R.T. -0.03 min
 Lab File: BF089049.D
 Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.6	48.0	72.0
206	21.3	16.0	24.0





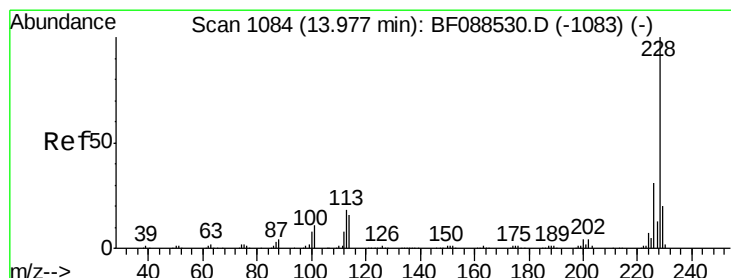
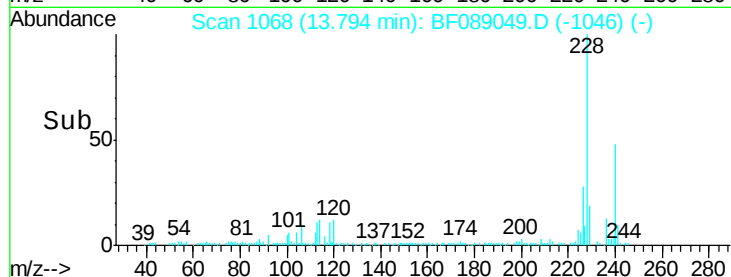
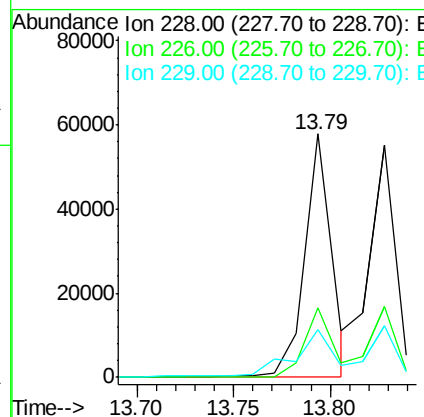
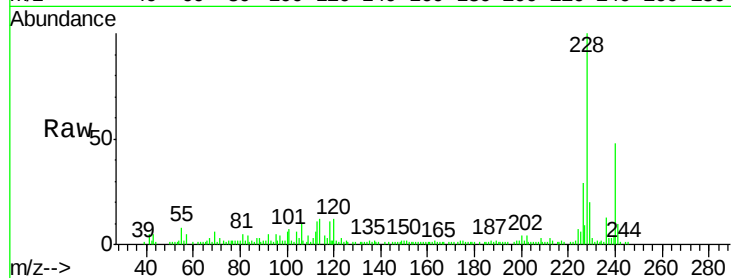
#80
Benzo(a)anthracene
Concen: 7.56 ng m
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	19.9	16.0	24.0

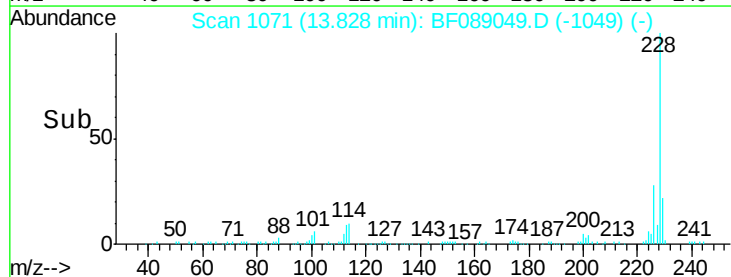
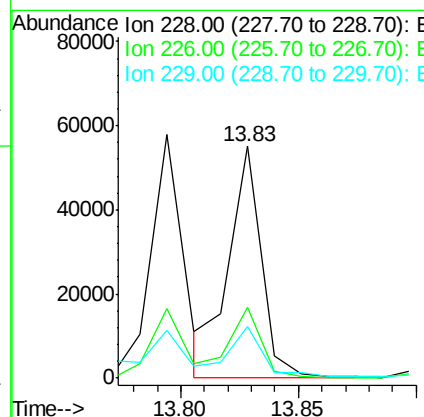
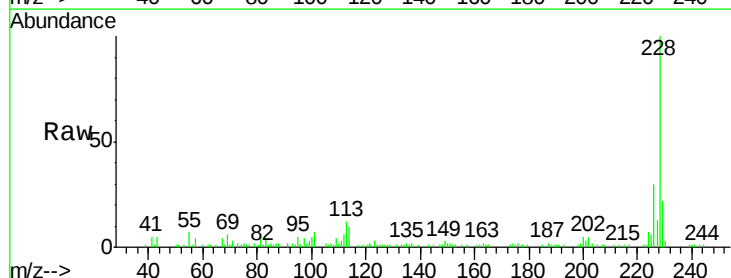
Manual Integrations

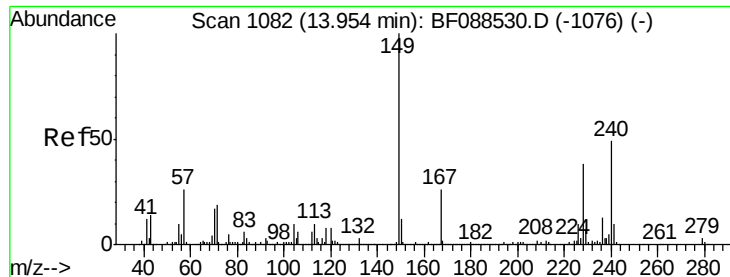
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#82
Chrysene
Concen: 7.30 ng m
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	22.0	16.3	24.5





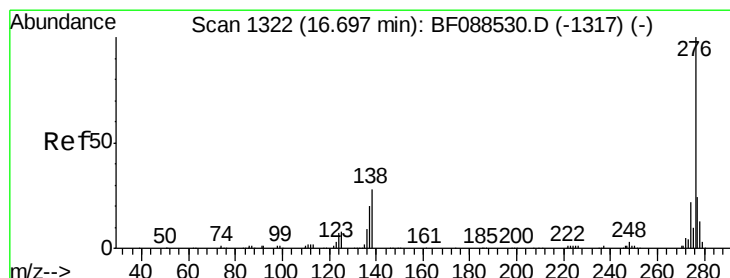
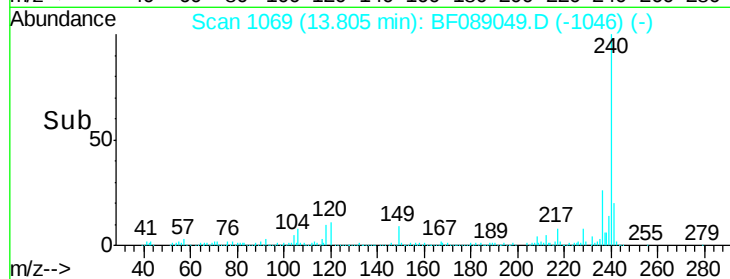
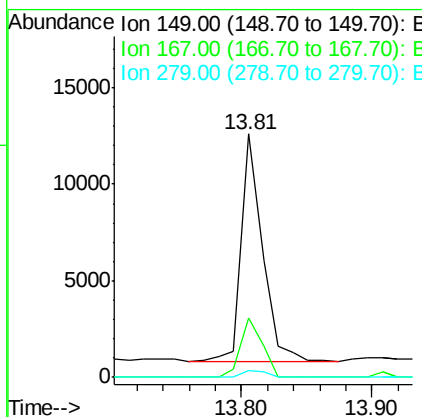
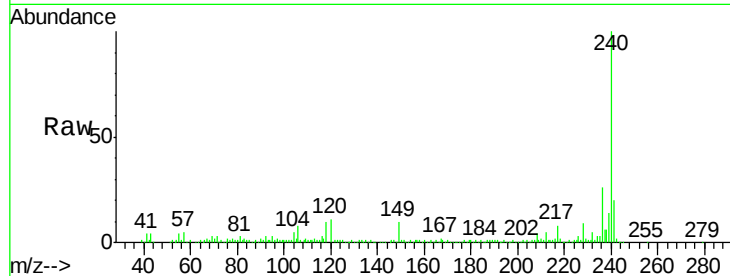
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.69 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.5	30.7
279	2.6	2.0	3.0

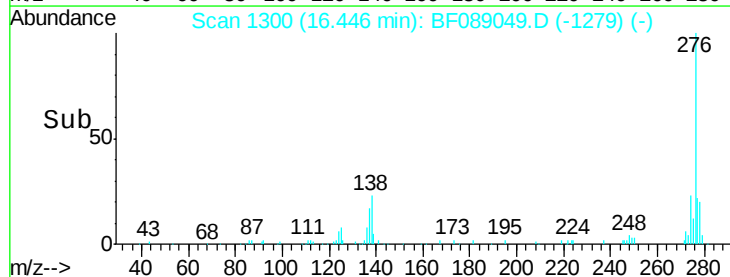
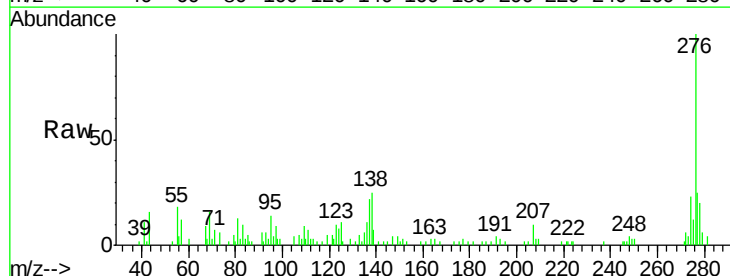
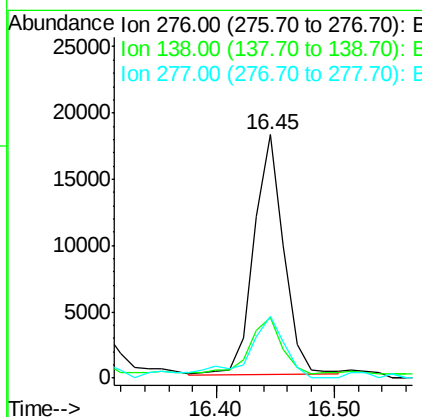
Manual Integrations

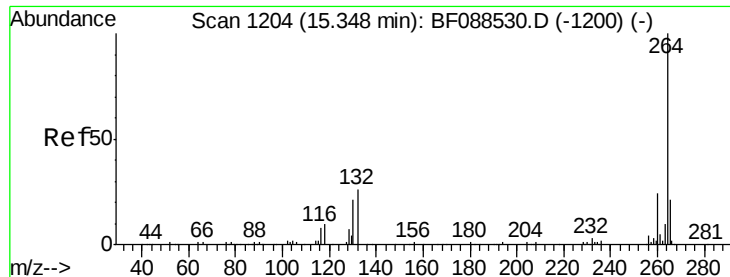
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.65 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	0.0	0.0#
277	35.0	0.0	0.0#





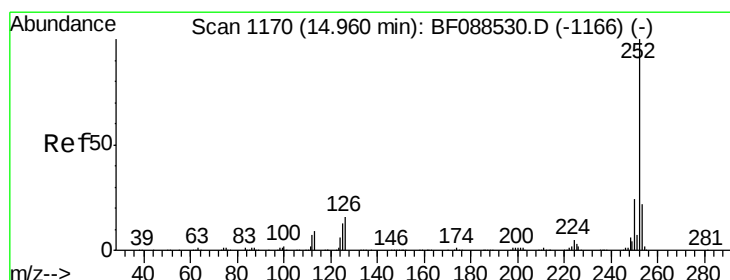
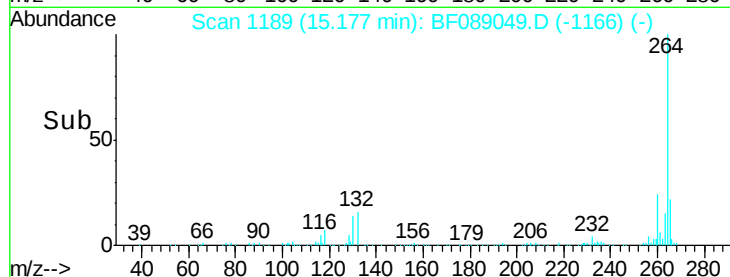
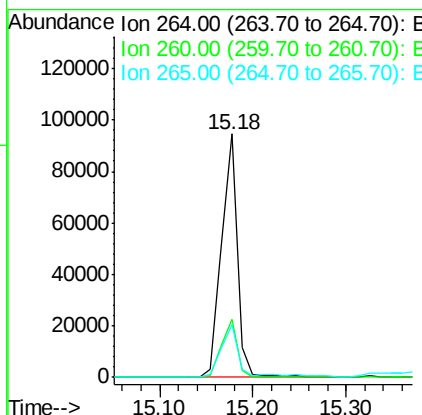
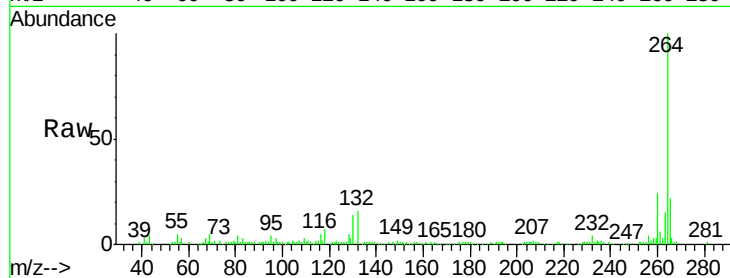
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3

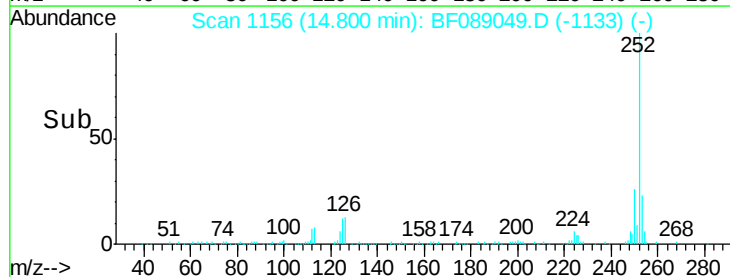
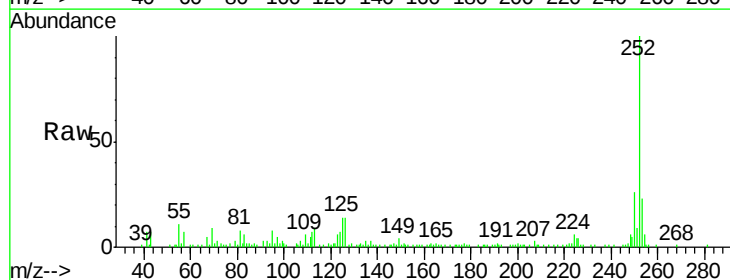
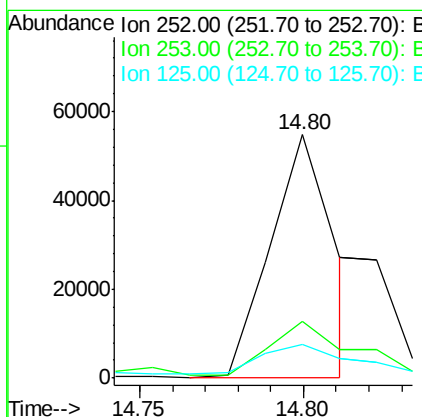
Manual Integrations

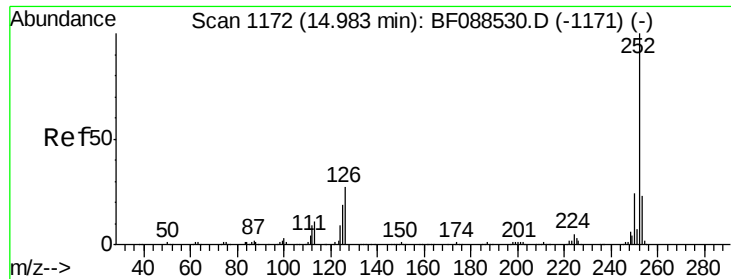
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#87
Benzo(b)fluoranthene
Concen: 10.74 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.0	7.1	10.7#





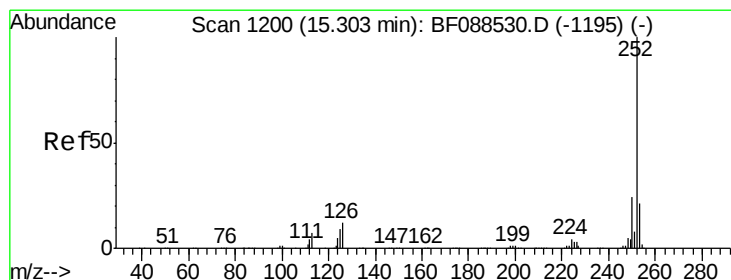
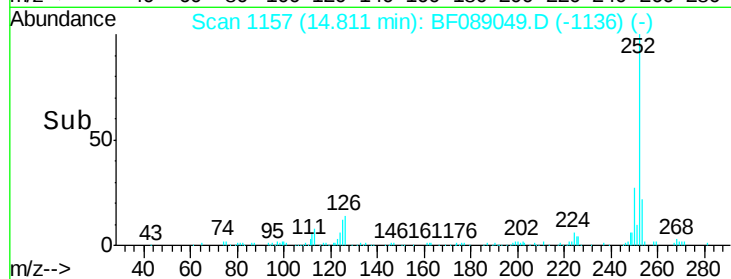
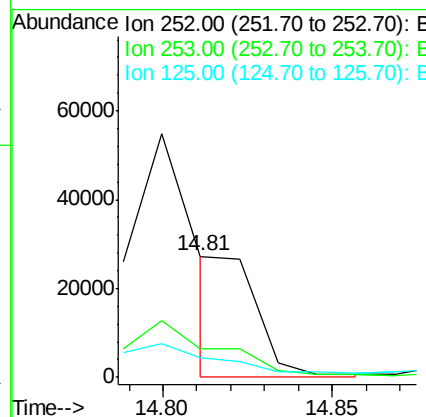
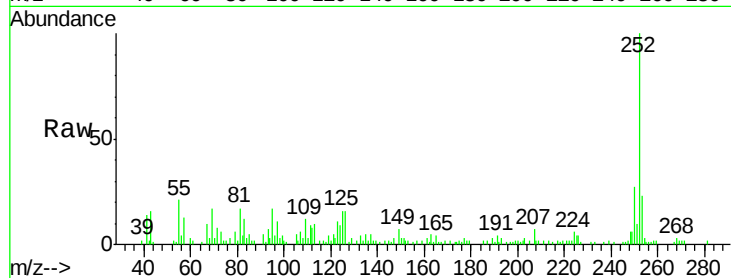
#88
Benzo(k)fluoranthene
Concen: 3.55 ng m
RT: 14.81 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2in)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.2	11.2	16.8

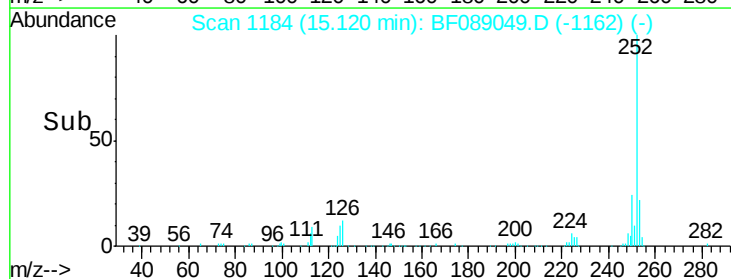
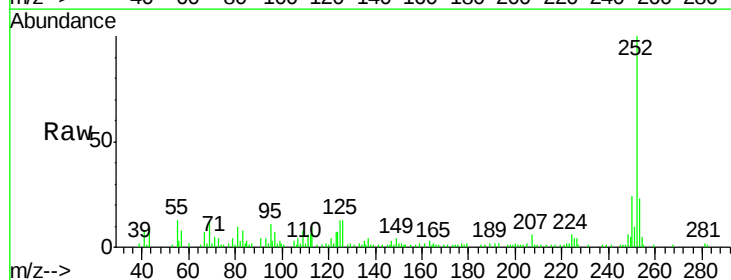
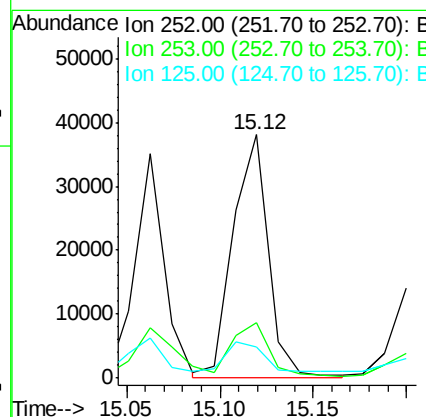
Manual Integrations

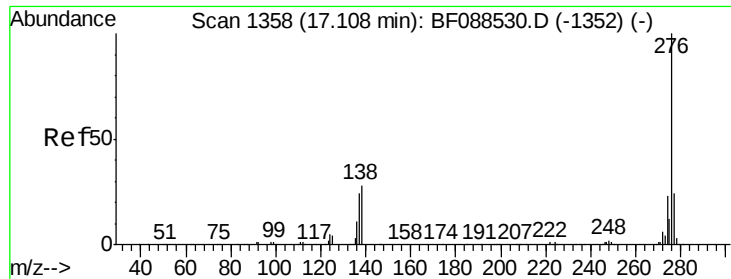
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#89
Benzo(a)pyrene
Concen: 8.62 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089049.D
Acq: 16 Jul 2016 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.9	12.5	18.7





#91
 Benzo(a,h,i)perylene
 Concen: 6.08 ng
 RT: 16.82 min Scan# 1333
 Delta R.T. -0.07 min
 Lab File: BF089049.D
 Acq: 16 Jul 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2in)

Tot Ion:	276	Resp:	30897
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.9	28.3
138	27.6	21.4	32.2

Manual Integrations

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