

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089053.D
 Acq On : 16 Jul 2016 14:08
 Operator : UM/SJ
 Sample : H3951-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(0-2ft)

Manual Integrations

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Quant Time: Jul 18 01:46:25 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	61207	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	229307	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	108649	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	164407	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	118774	20.00	ng	-0.05
86) Perylene-d12	15.18	264	96354	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	432813	105.98	ng	-0.02
7) Phenol-d6	6.32	99	494814	93.77	ng	-0.03
23) Nitrobenzene-d5	7.23	82	364113	83.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	83899	83.16	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	556828	80.95	ng	-0.05
78) Terphenyl-d14	12.77	244	373455	70.03	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	299843	38.74	ng	100
74) Fluoranthene	12.38	202	28947	3.18	ng	95
77) Pyrene	12.61	202	29873	2.97	ng	98
79) Butylbenzylphthalate	13.25	149	10258	2.28	ng	89
83) Bis(2-ethylhexyl)phthalate	13.81	149	13254	2.58	ng	# 96
87) Benzo(b)fluoranthene	14.80	252	19374m	3.21	ng	
89) Benzo(a)pyrene	15.11	252	12544	2.45	ng	# 90

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

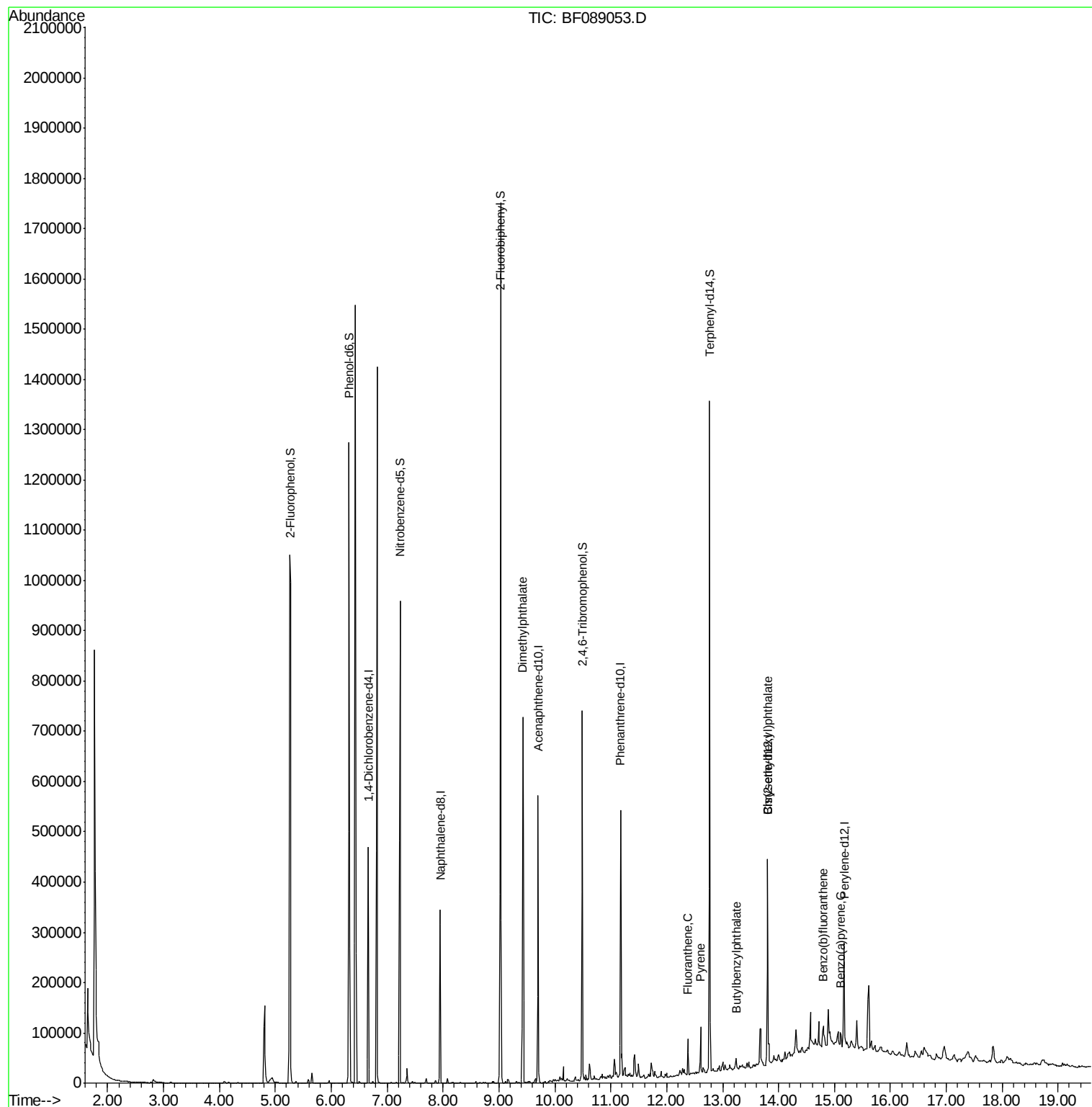
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089053.D
Acq On : 16 Jul 2016 14:08
Operator : UM/SJ
Sample : H3951-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

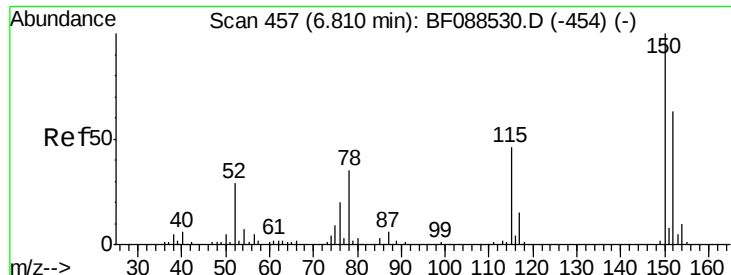
Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(0-2ft)

Manual Integrations

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Quant Time: Jul 18 01:46:25 2016
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#1

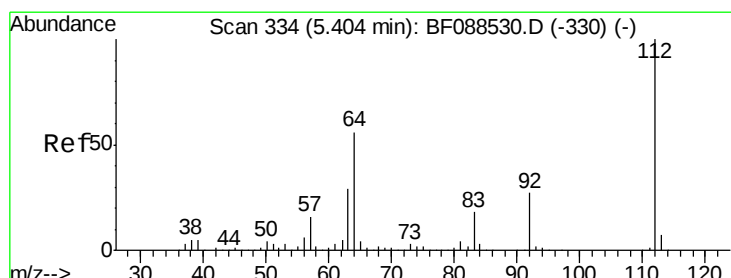
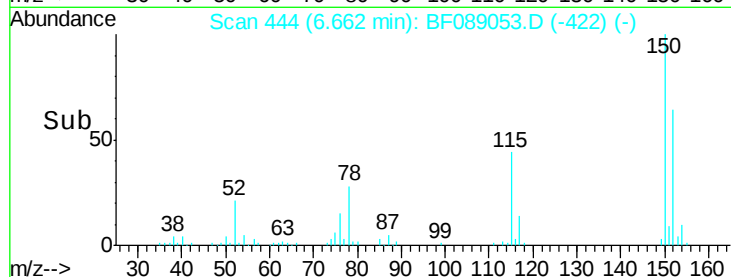
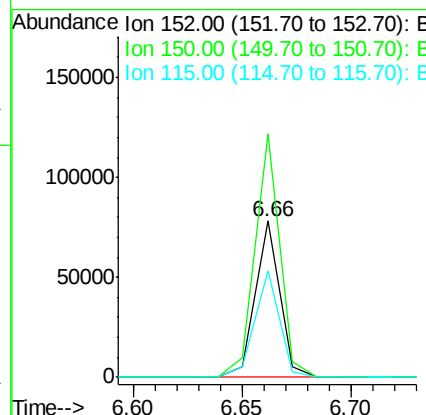
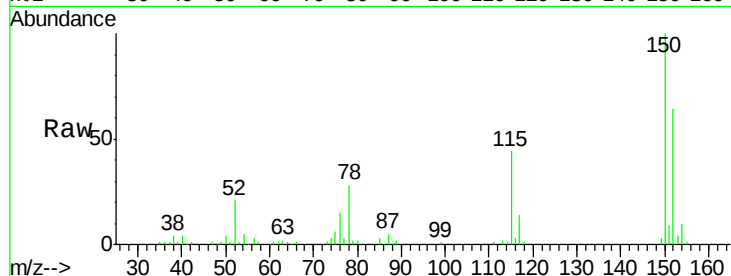
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(0-2ft)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	67.8	39.6	59.4

Manual Integrations

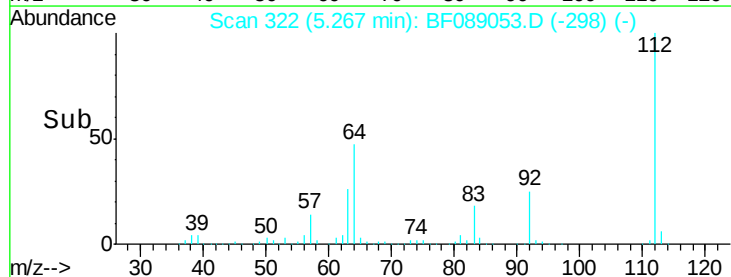
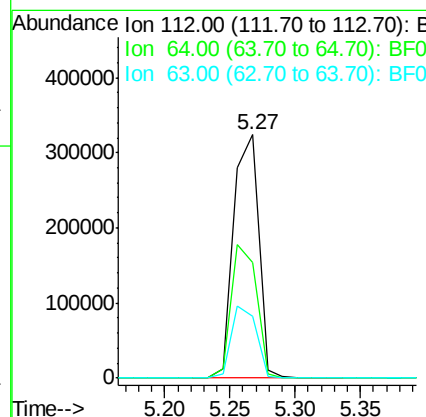
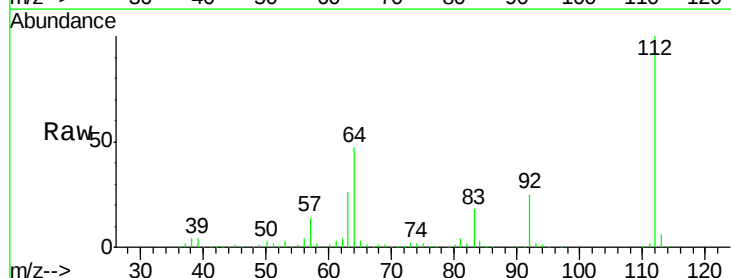
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#5

2-Fluorophenol
Concen: 105.98 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.2	42.2	63.2
63	25.6	21.8	32.8





#7

Phenol-d6

Concen: 93.77 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089053.D

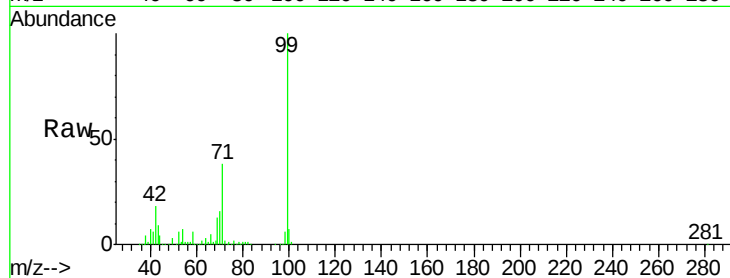
Acq: 16 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(0-2ft)



Tot Ion: 99 Resp: 494814

Ion Ratio Lower Upper

99 100

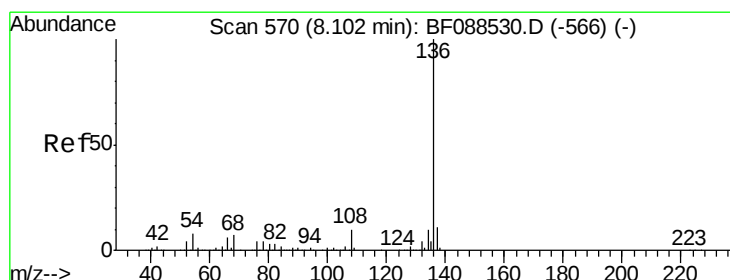
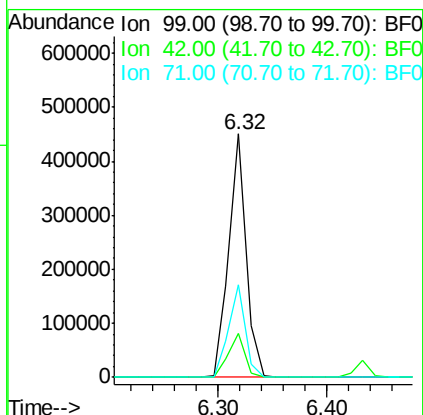
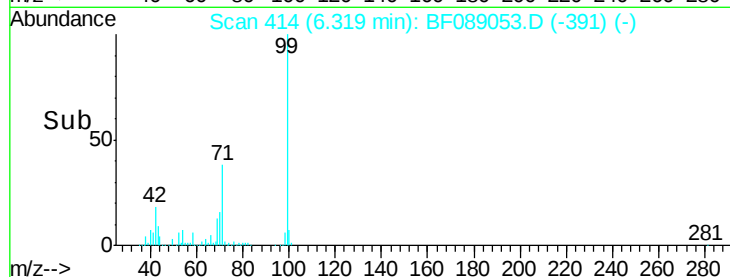
42 18.2 12.2 18.2#

71 38.2 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: BF089053.D

Acq: 16 Jul 2016 14:08

Tgt Ion: 136 Resp: 229307

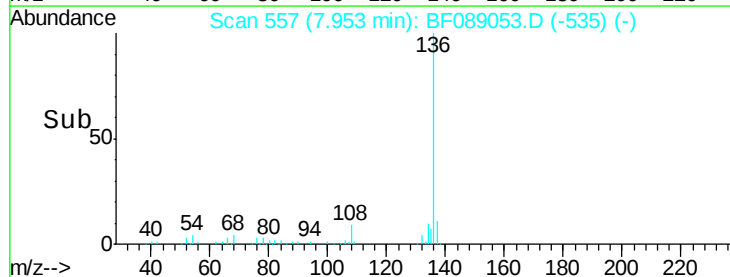
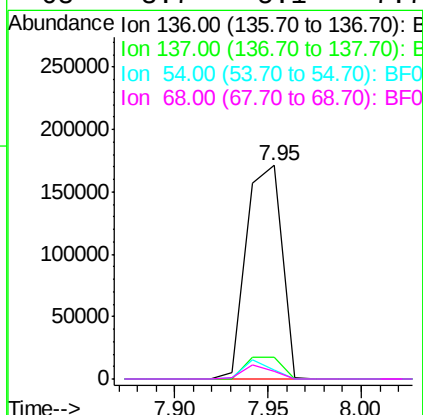
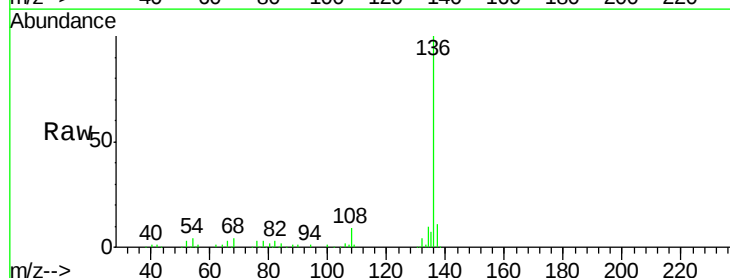
Ion Ratio Lower Upper

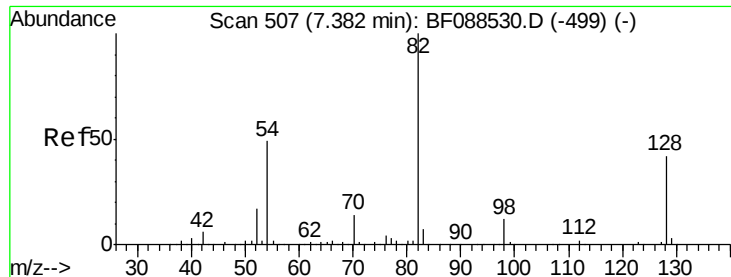
136 100

137 10.5 9.1 13.7

54 4.4 6.6 10.0#

68 3.7 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 83.21 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF089053.D

Acq: 16 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

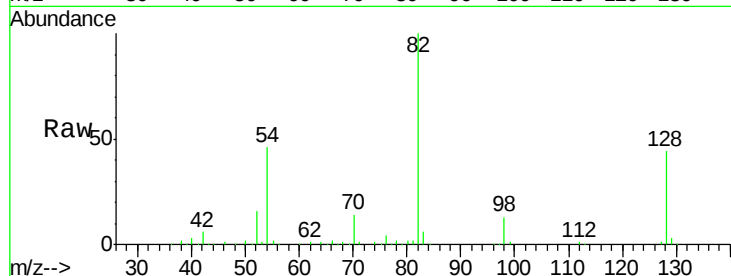
LSS-SB-SB07(0-2ft)

Tot Ion:	82	Resp:	364113
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.9	53.9
54	46.2	40.9	61.3

Manual Integrations

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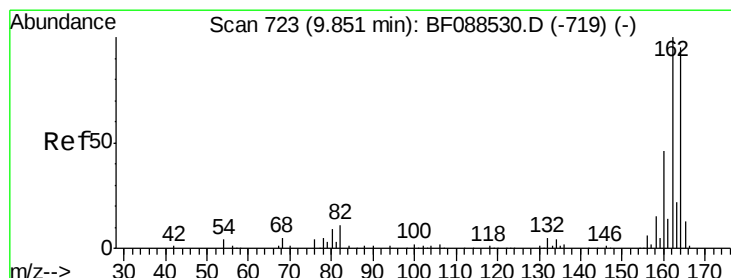
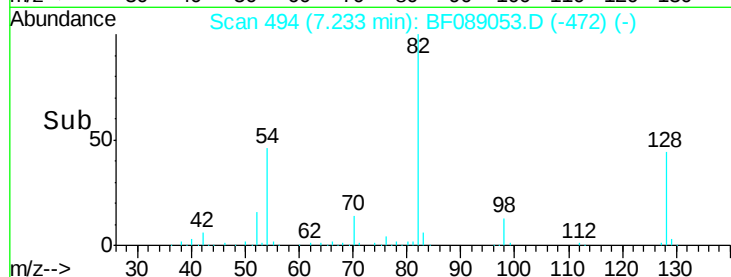
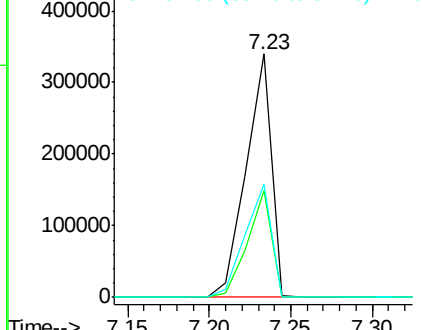
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF089053.D

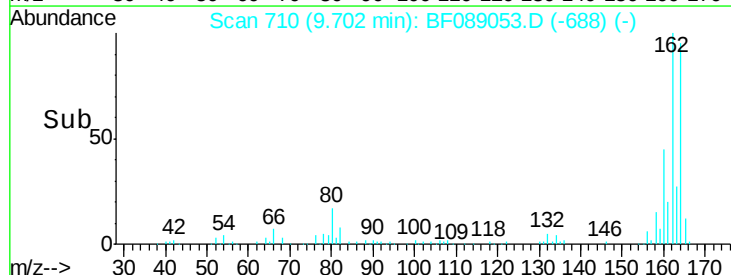
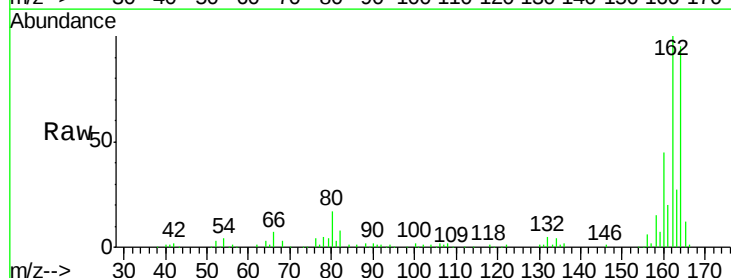
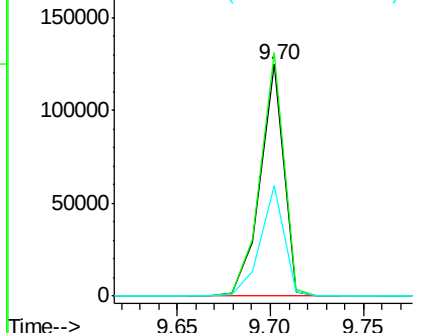
Acq: 16 Jul 2016 14:08

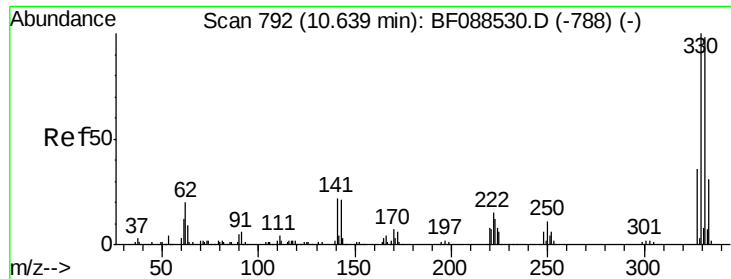
Tgt Ion:	164	Resp:	108649
Ion Ratio	Lower	Upper	
164	100		
162	105.0	85.4	128.2
160	47.6	39.5	59.3

Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





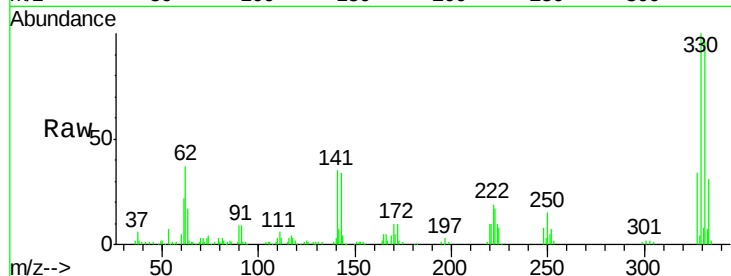
#41
 2,4,6-Tribromophenol
 Concen: 83.16 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089053.D
 Acq: 16 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(0-2ft)

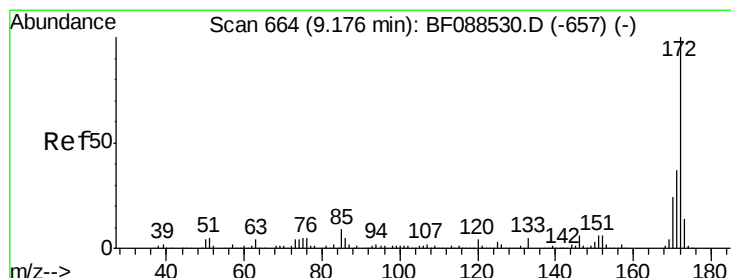
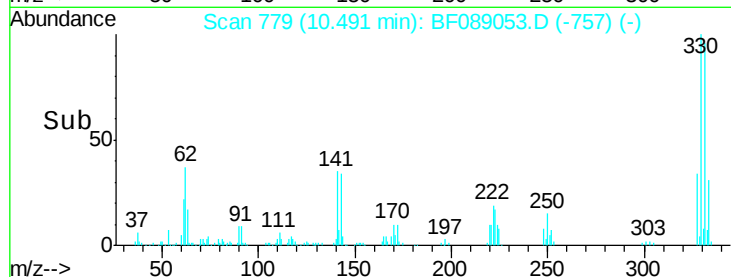
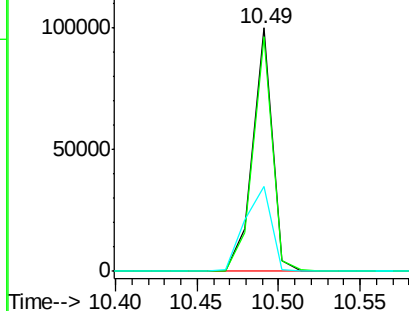
Tot Ion	Ratio	Resp	Lower	Upper
330	100	83899		
332	96.2	0.0	0.0	0.0
141	47.1	0.0	0.0	0.0

Manual Integrations

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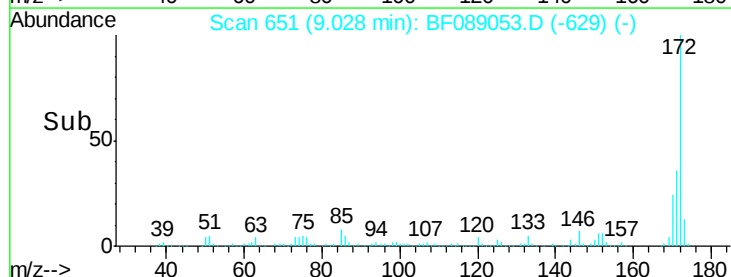
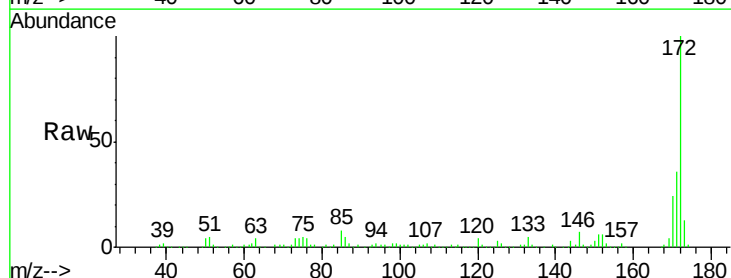
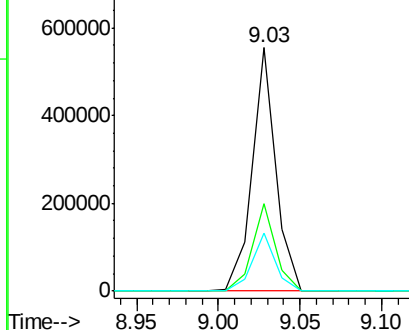
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

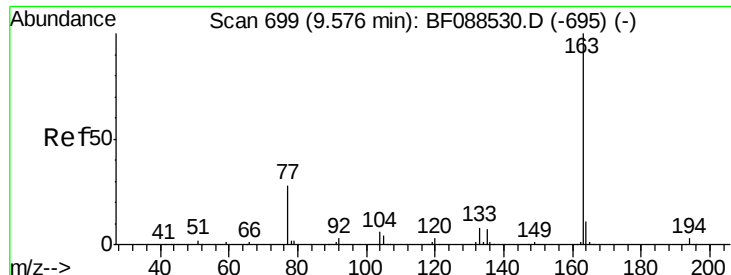


#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089053.D
 Acq: 16 Jul 2016 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	556828		
171	36.2	28.6	43.0	
170	23.6	19.2	28.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





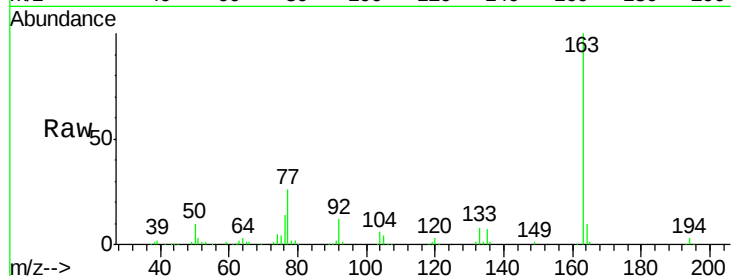
#49
Dimethylphthalate
Concen: 38.74 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(0-2ft)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	299843		
194	3.2		2.8	4.2
164	10.5		8.3	12.5

Manual Integrations

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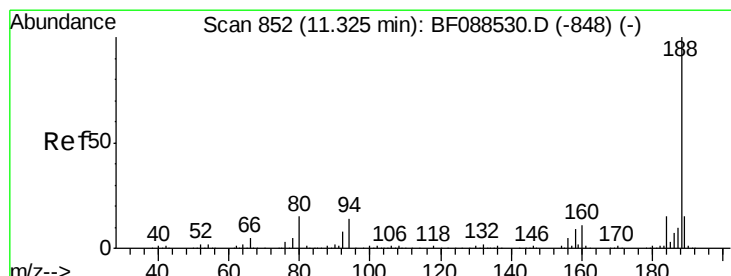
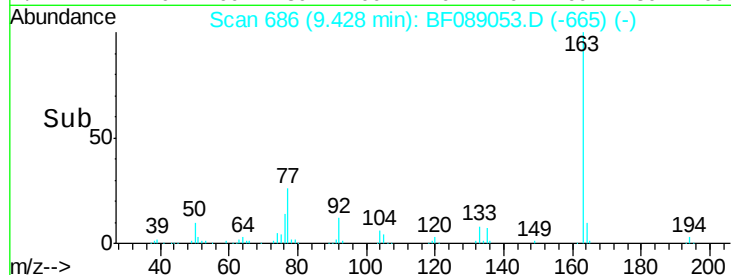
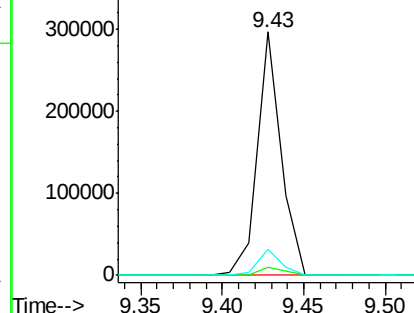


Abundance

Ion 163.00 (162.70 to 163.70): E

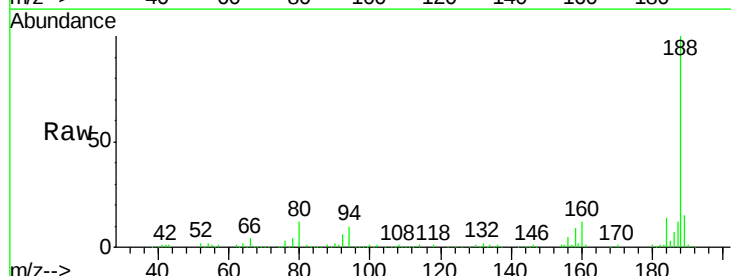
Ion 194.00 (193.70 to 194.70): E

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: BF089053.D
Acq: 16 Jul 2016 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	164407		
94	9.8		9.0	13.6
80	11.6		10.0	15.0

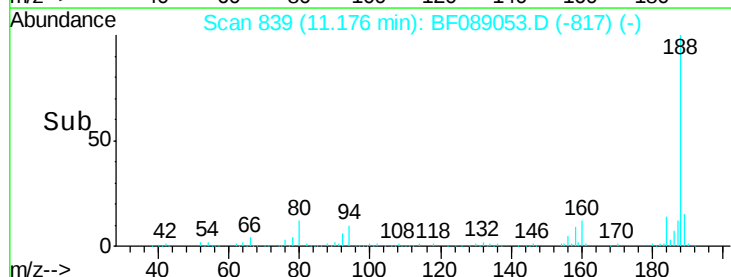
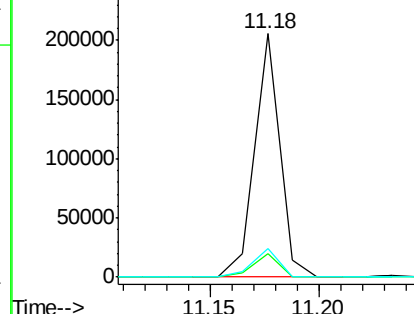


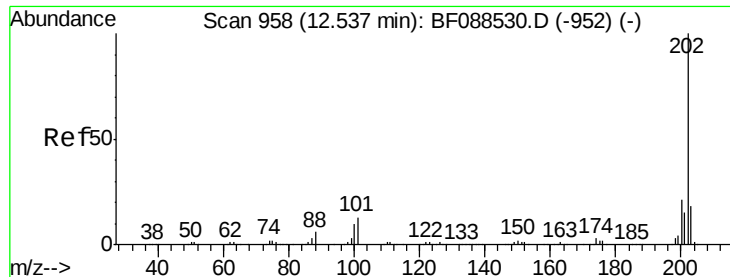
Abundance

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





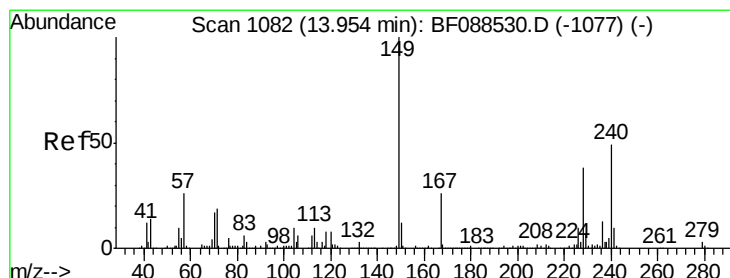
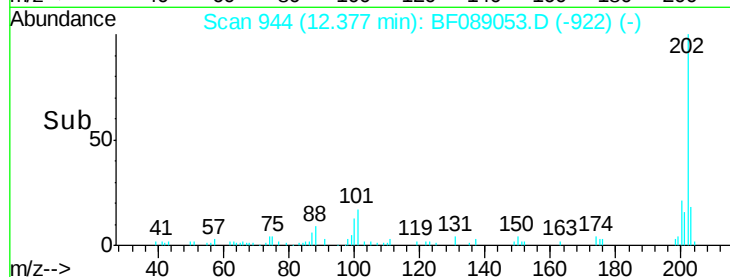
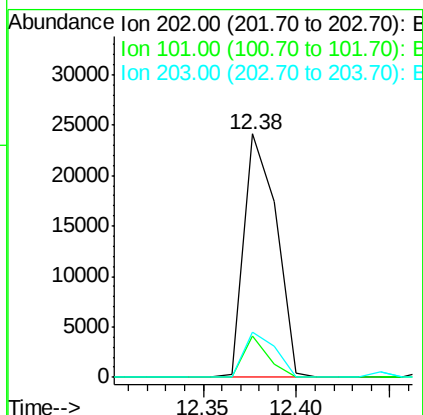
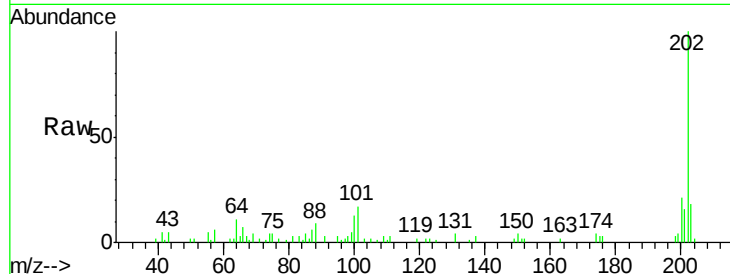
#74
Fluoranthene
 Concen: 3.18 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.05 min
 Lab File: BF089053.D
 Acq: 16 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(0-2ft)

Tot Ion:	202	Resp:	28947
Ion Ratio	Lower	Upper	
202	100		
101	17.0	0.0	33.1
203	18.4	0.0	38.1

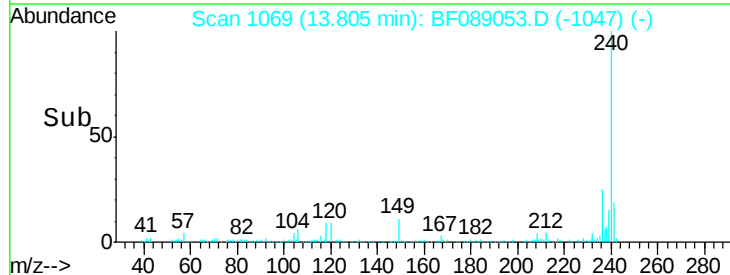
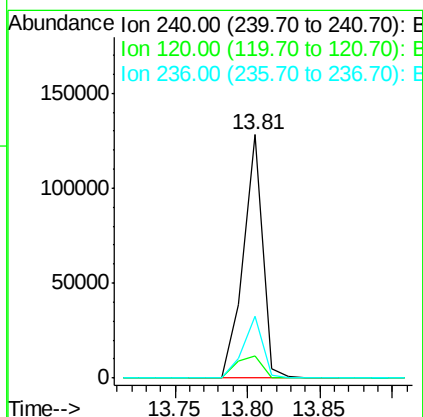
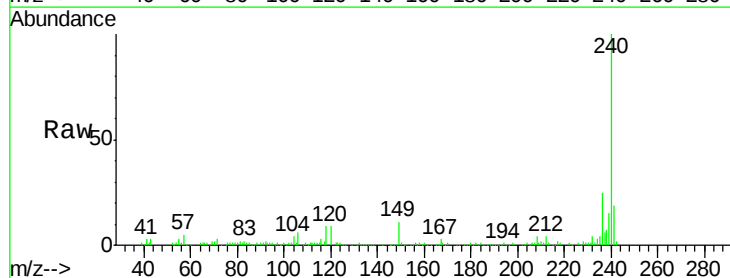
Manual Integrations

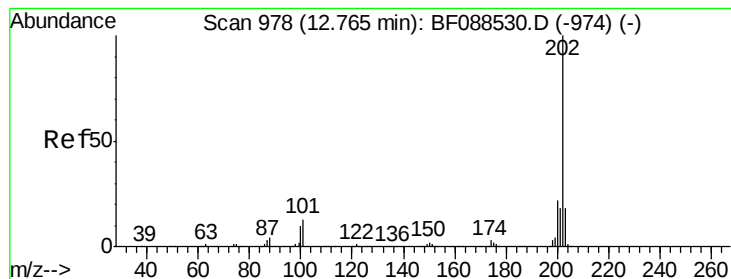
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF089053.D
 Acq: 16 Jul 2016 14:08

Tgt Ion:	240	Resp:	118774
Ion Ratio	Lower	Upper	
240	100		
120	9.1	6.8	10.2
236	25.3	20.2	30.2





#77

Pvrene

Concen: 2.97 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF089053.D

Acq: 16 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

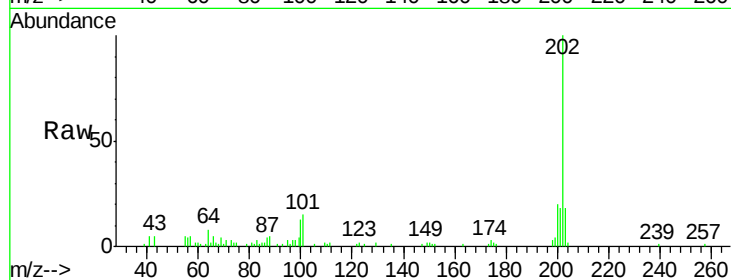
LSS-SB-SB07(0-2ft)

Tot Ion:	202	Resp:	29873
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.4	26.2
203	18.0	14.5	21.7

Manual Integrations

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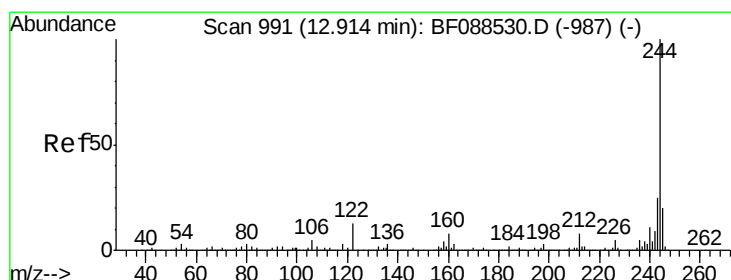
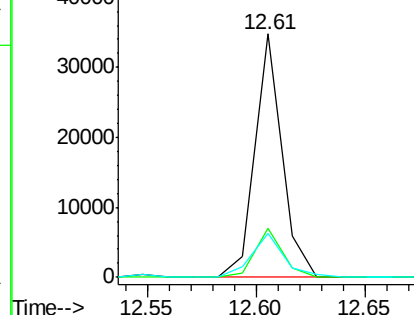
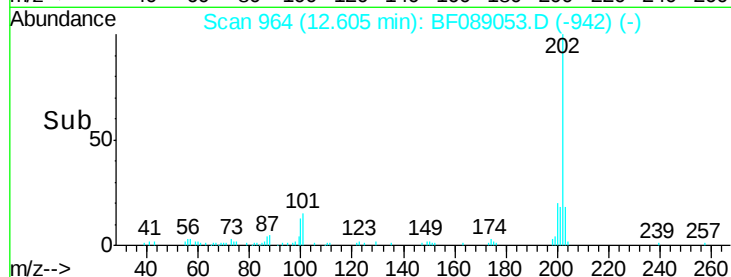
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.03 ng

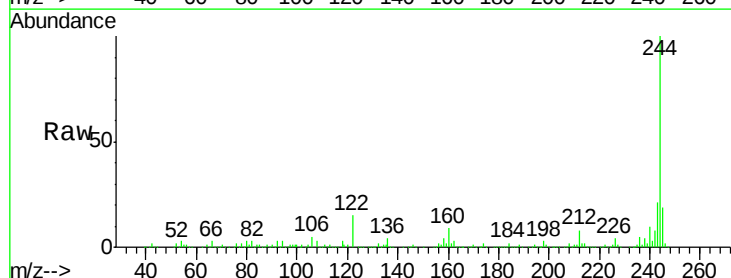
RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF089053.D

Acq: 16 Jul 2016 14:08

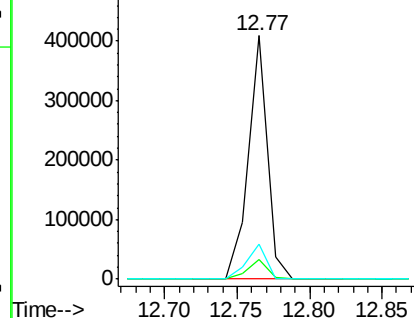
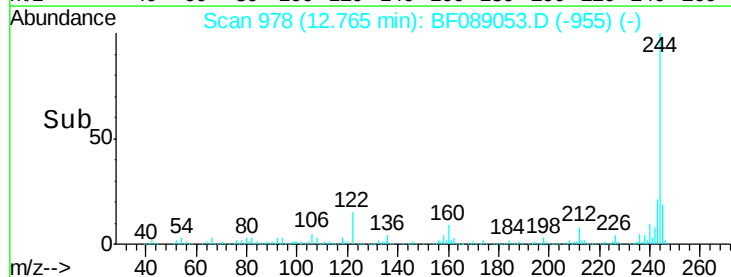
Tgt Ion:	244	Resp:	373455
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.0	9.0
122	14.6	11.2	16.8

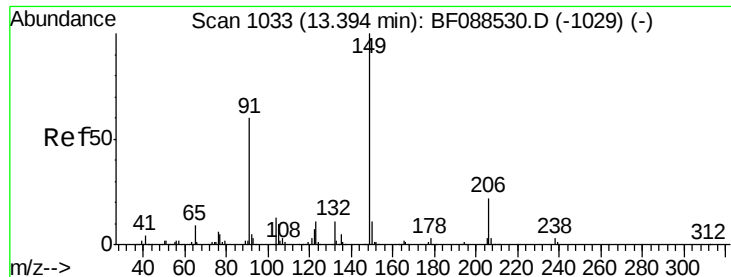


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





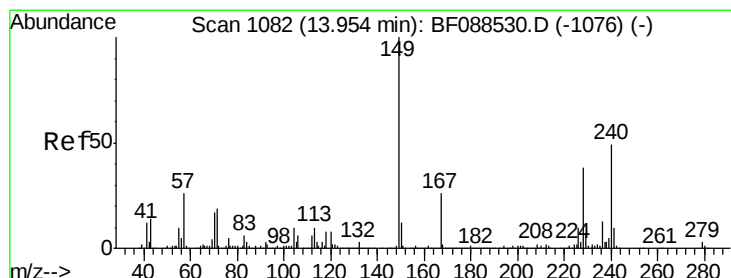
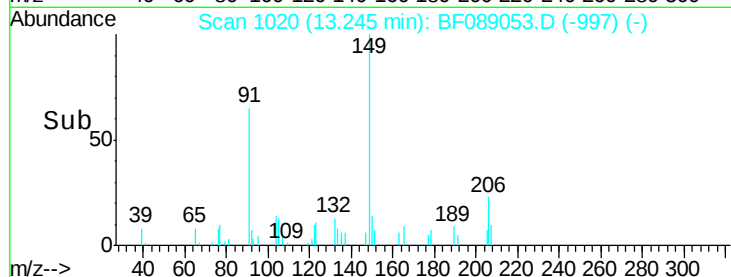
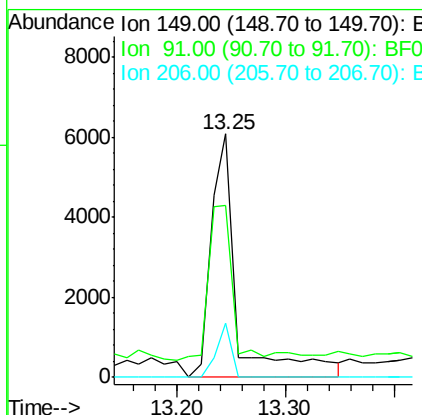
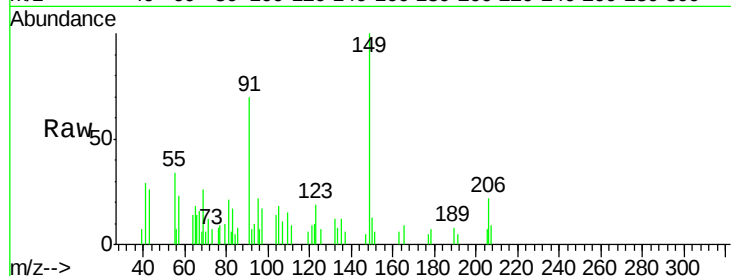
#79
Butylbenzylphthalate
Concen: 2.28 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(0-2ft)

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	48.0	72.0
206	22.1	16.0	24.0

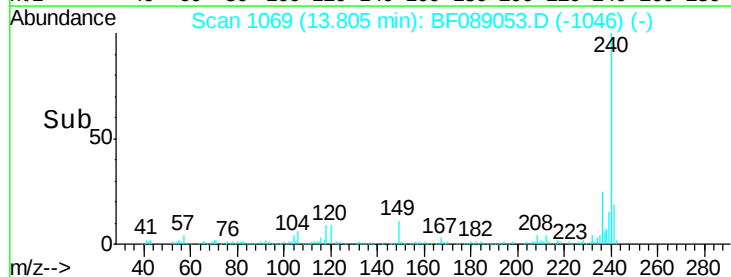
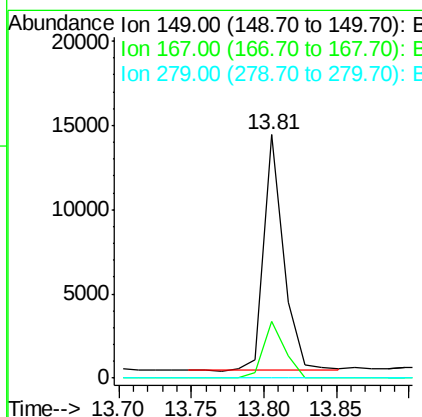
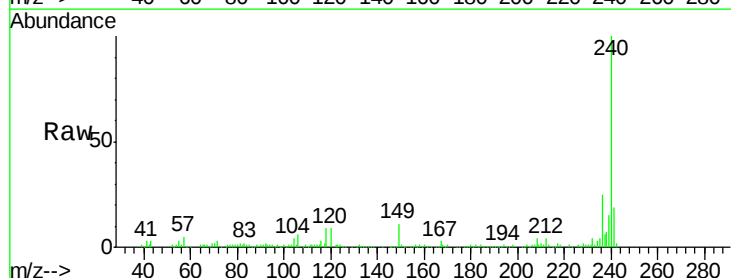
Manual Integrations

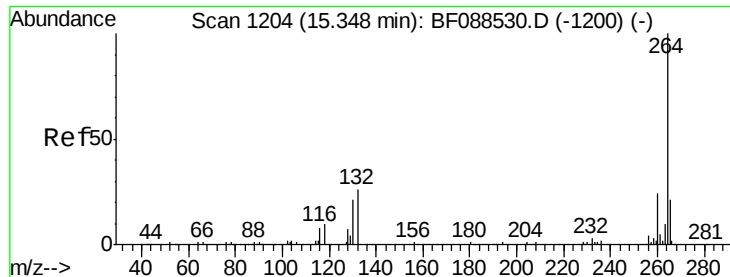
sohil
7/18/2016 7:36:24 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.58 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.5	30.7
279	0.0	2.0	3.0#





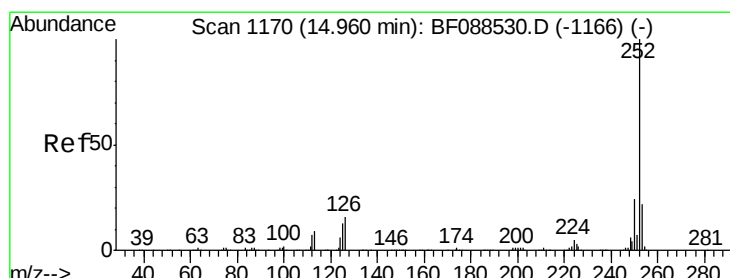
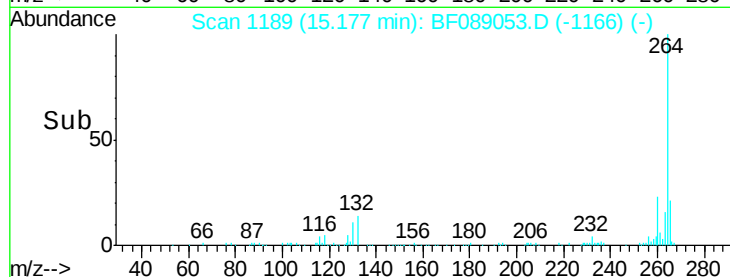
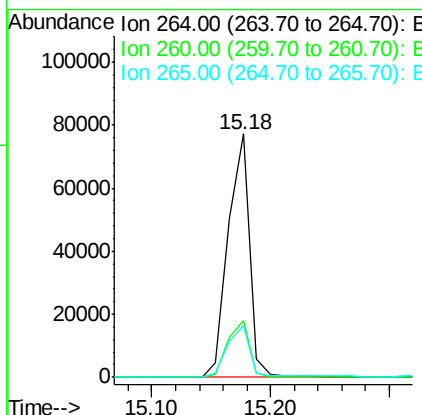
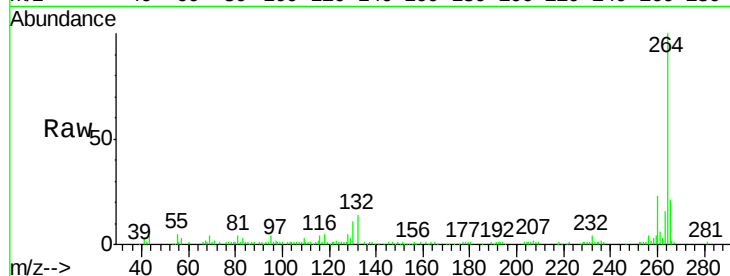
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB07(0-2ft)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	16.9	25.3

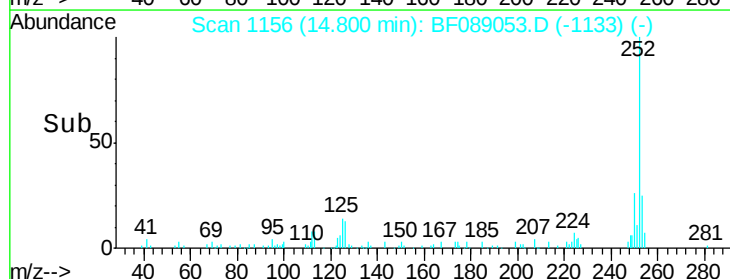
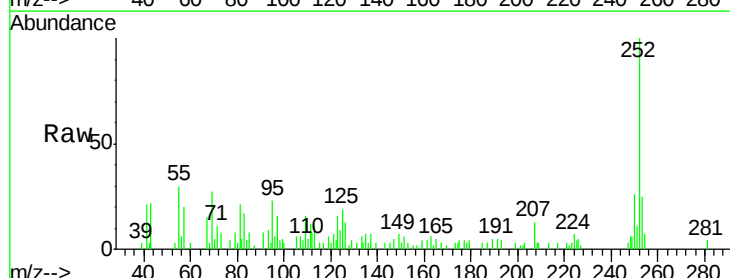
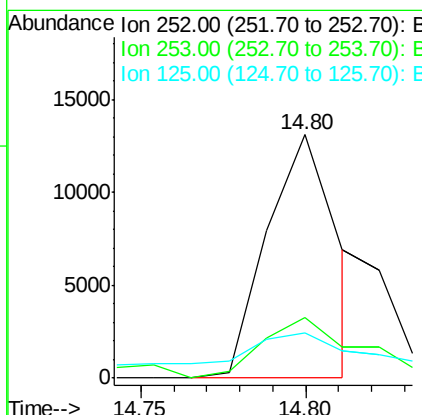
Manual Integrations

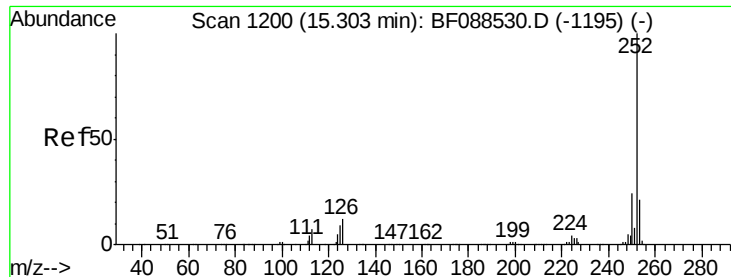
sohil
7/18/2016 7:36:24 PM



#87
Benzo(b)fluoranthene
Concen: 3.21 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089053.D
Acq: 16 Jul 2016 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	18.7	7.1	10.7#





#89

Benzo(a)pyrene

Concen: 2.45 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.06 min

Lab File: BF089053.D

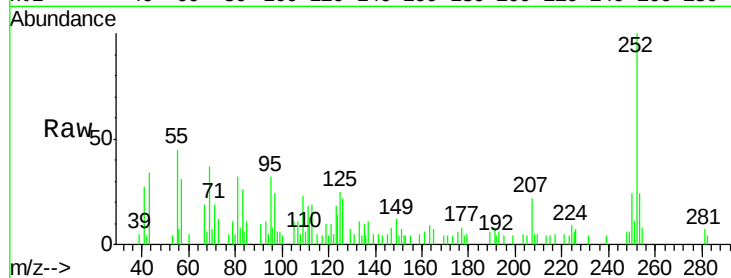
Acq: 16 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(0-2ft)



Tot Ion:	252	Resp:	12544
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	24.5	12.5	18.7

Manual Integrations

sohil

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