

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088985.D
 Acq On : 14 Jul 2016 14:21
 Operator : UM/SJ
 Sample : H3606-03
 Misc : LOD-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations

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 7/15/2016 7:27:02 PM

Quant Time: Jul 15 13:33:46 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	6.68	152	66510	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	258538	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	124866m	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	242629	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	228936	20.00	ng	-0.03
86) Perylene-d12	15.18	264	182670	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	442146	99.63	ng	0.00
7) Phenol-d6	6.33	99	539057	94.01	ng	-0.02
23) Nitrobenzene-d5	7.26	82	357291	72.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	99958	86.21	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	637053	80.59	ng	-0.02
78) Terphenyl-d14	12.78	244	549055	53.42	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.26	88	6003m	2.73	ng	Qvalue
53) 2,4-Dinitrophenol	9.78	184	941	1.08	ng	# 88

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

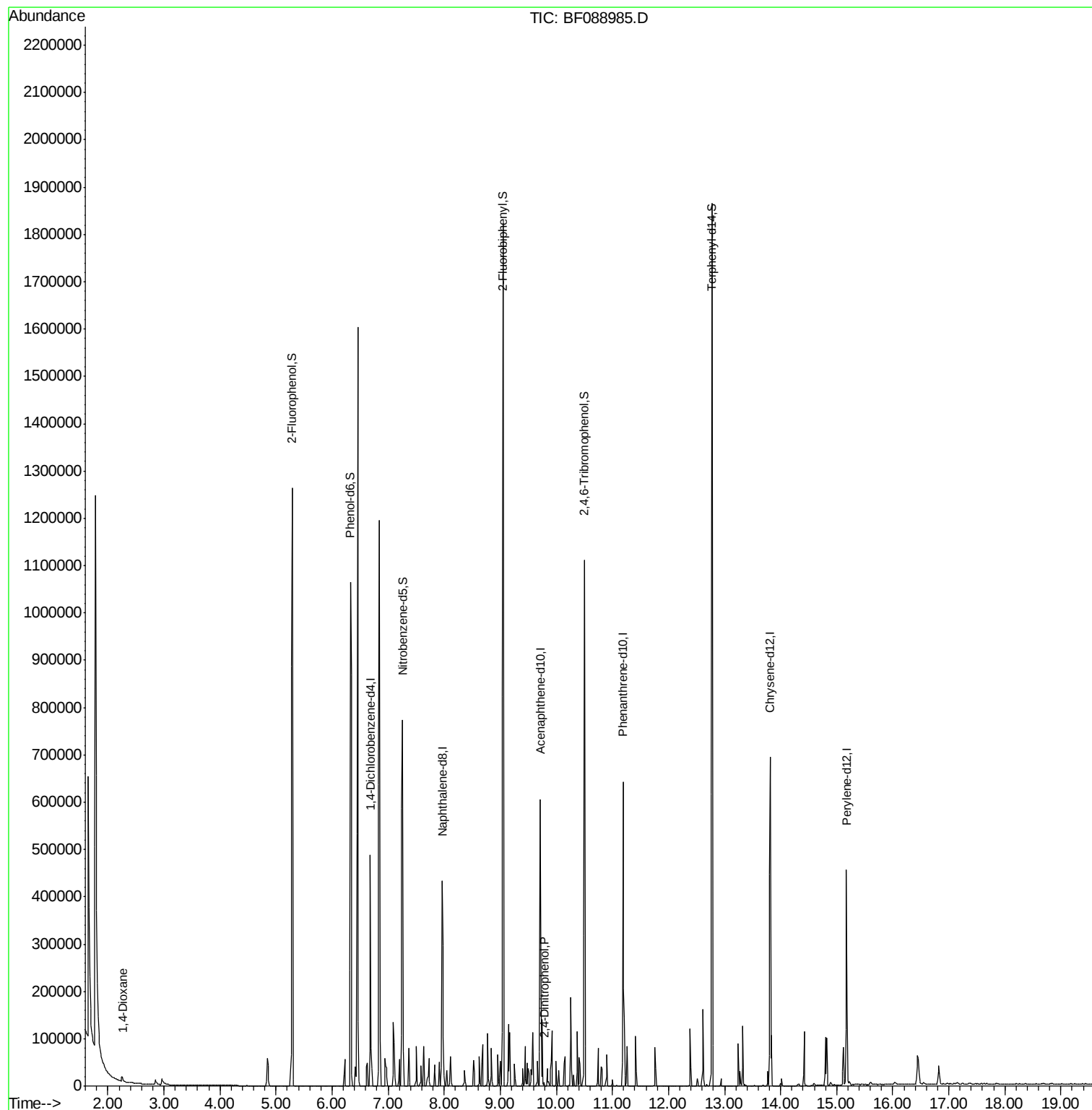
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088985.D
Acq On : 14 Jul 2016 14:21
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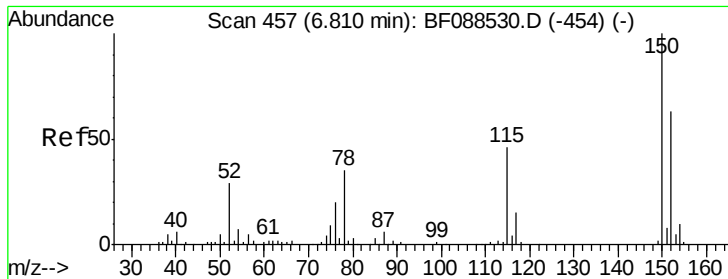
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Manual Integrations

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7/15/2016 7:27:02 PM

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#1

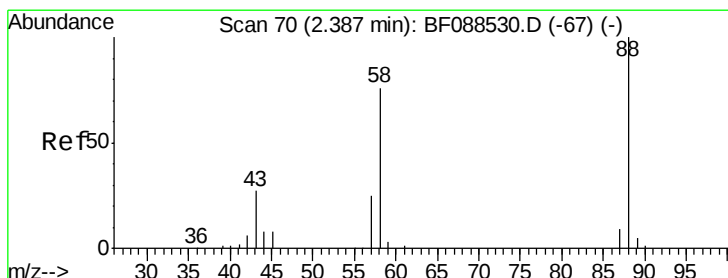
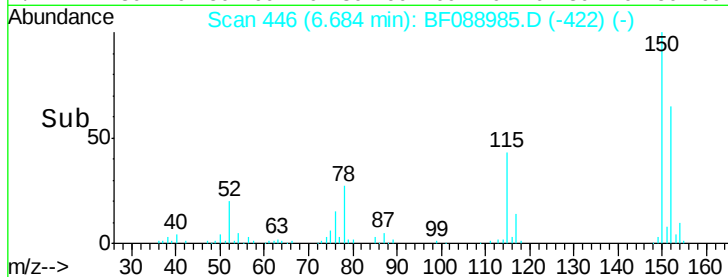
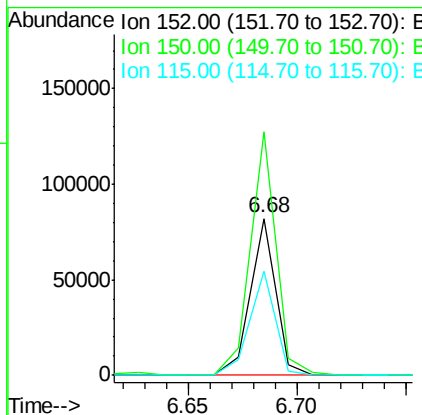
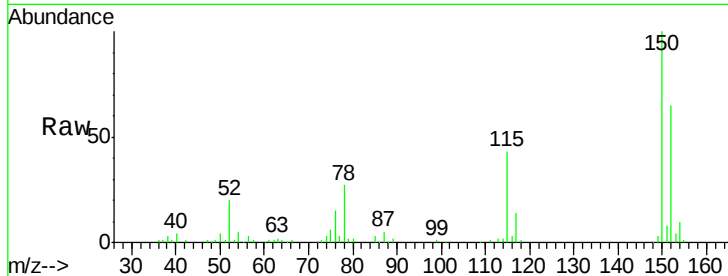
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	66.3	39.6	59.4

Manual Integrations

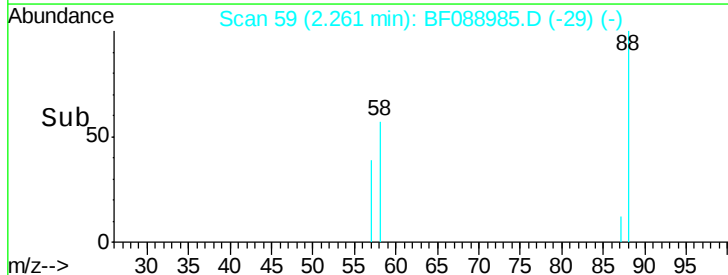
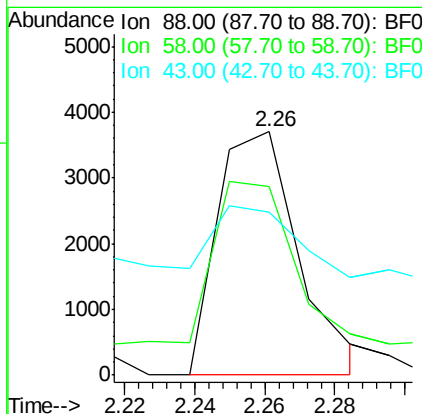
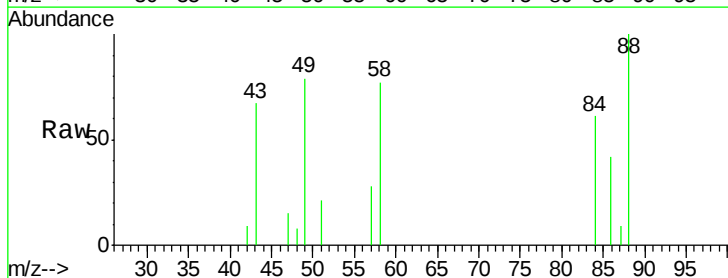
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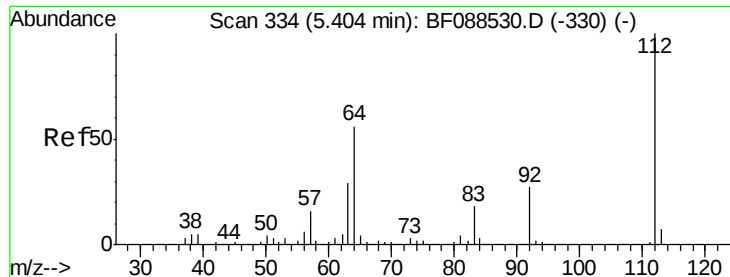


#2

1,4-Dioxane
Concen: 2.73 ng m
RT: 2.26 min Scan# 59
Delta R.T. 0.05 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	3.4	5.2





#5

2-Fluorophenol

Concen: 99.63 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088985.D

Acq: 14 Jul 2016 14:21

Instrument :

BNA_F

ClientSampleId :

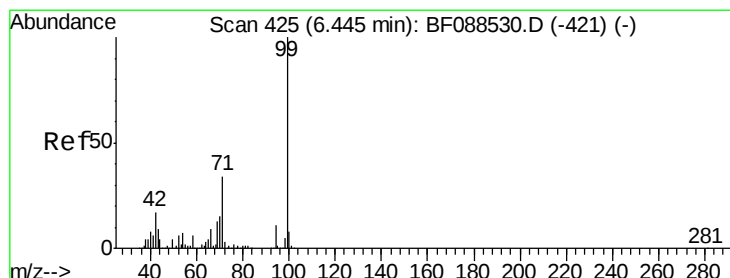
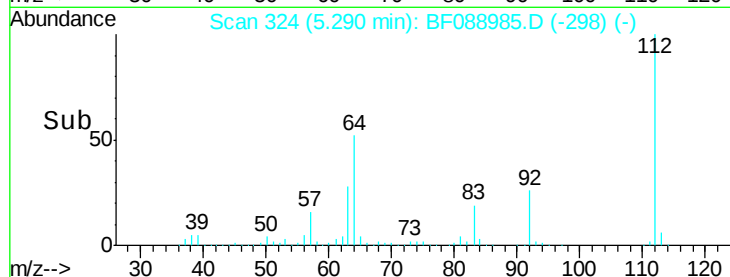
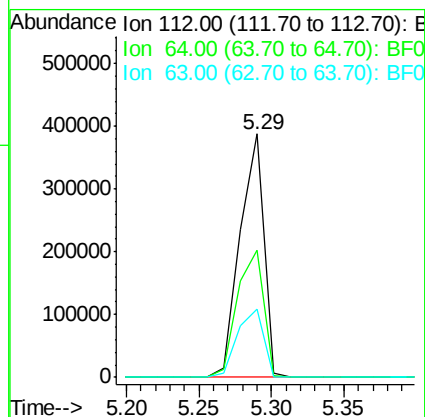
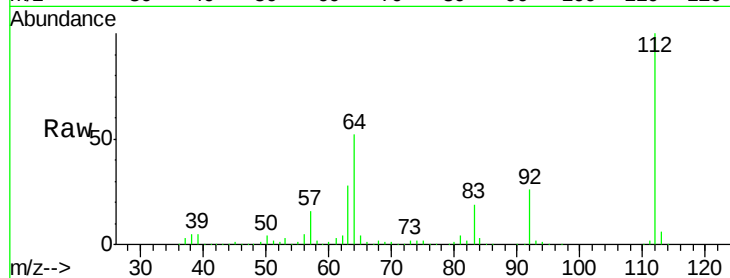
LOD-SOIL2016-01

Tot Ion:	112	Resp:	442146
Ion Ratio	Lower	Upper	
112	100		
64	52.1	42.2	63.2
63	27.9	21.8	32.8

Manual Integrations

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#7

Phenol-d6

Concen: 94.01 ng

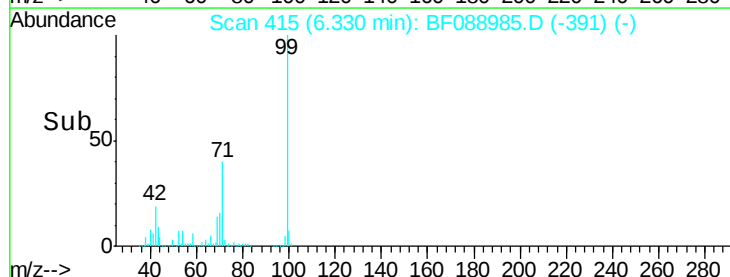
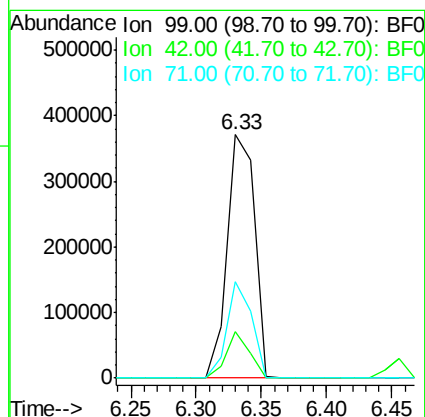
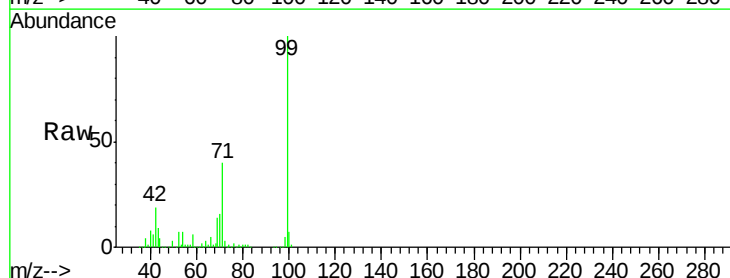
RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088985.D

Acq: 14 Jul 2016 14:21

Tgt Ion:	99	Resp:	539057
Ion Ratio	Lower	Upper	
99	100		
42	19.3	12.2	18.2#
71	39.6	23.4	35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF088985.D

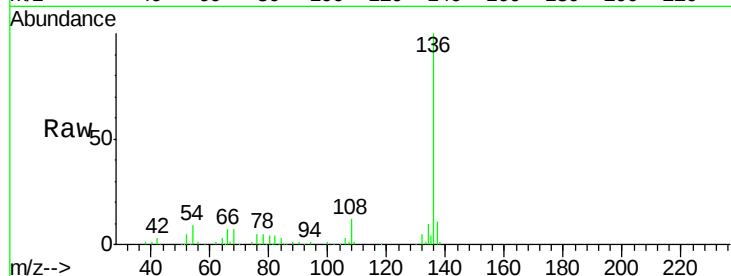
Acq: 14 Jul 2016 14:21

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01



Tot Ion: 136 Resp: 258538

Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

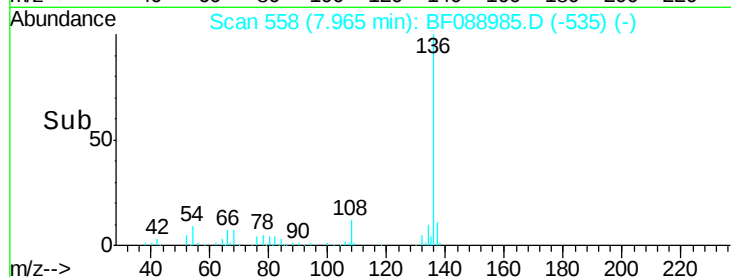
54 9.1 6.6 10.0

68 6.9 5.1 7.7

Manual Integrations

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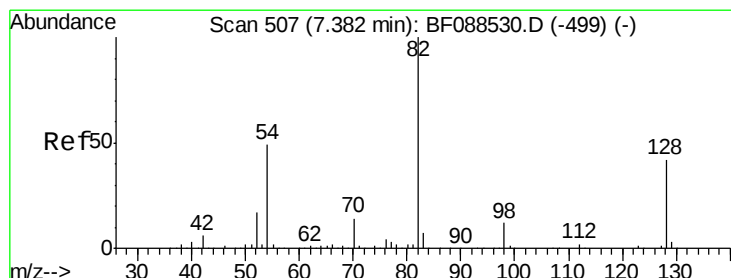
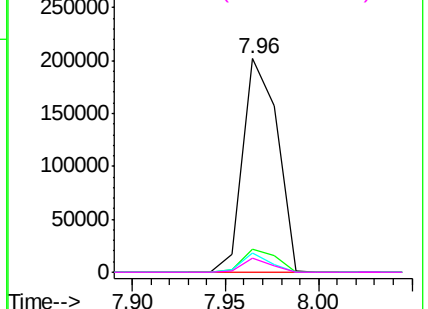


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 72.42 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088985.D

Acq: 14 Jul 2016 14:21

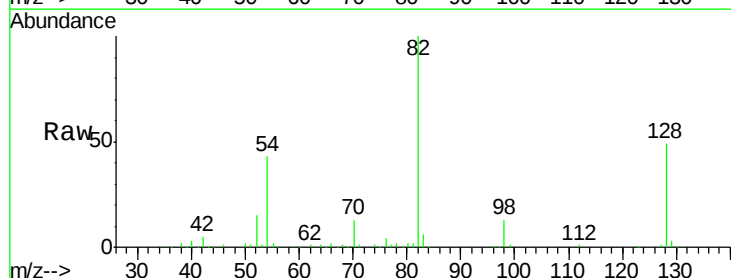
Tgt Ion: 82 Resp: 357291

Ion Ratio Lower Upper

82 100

128 48.8 35.9 53.9

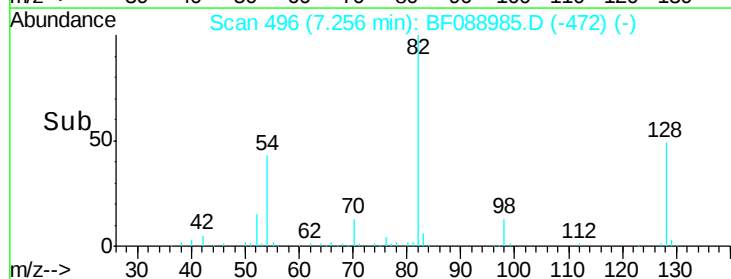
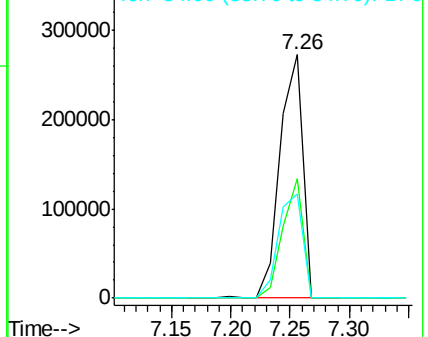
54 42.5 40.9 61.3

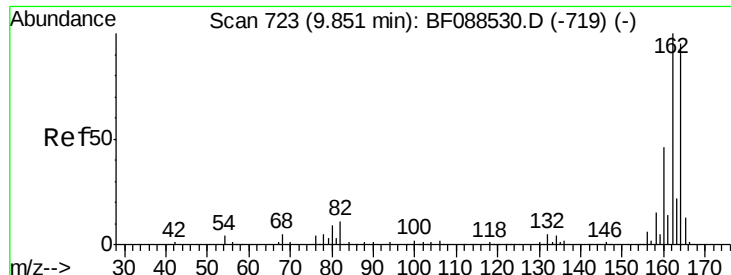


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





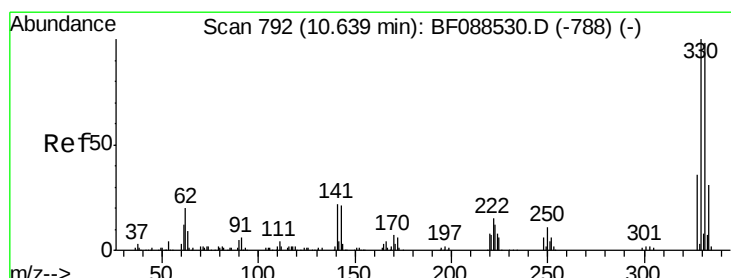
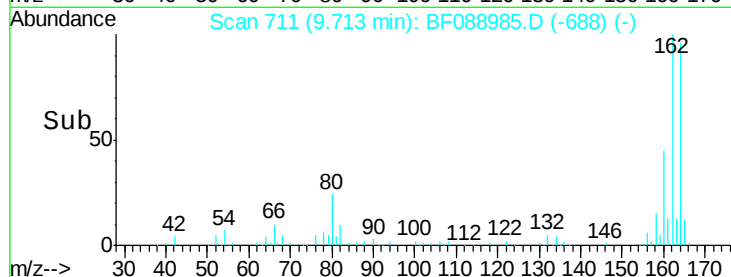
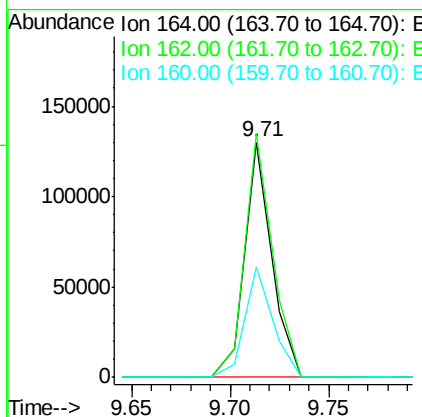
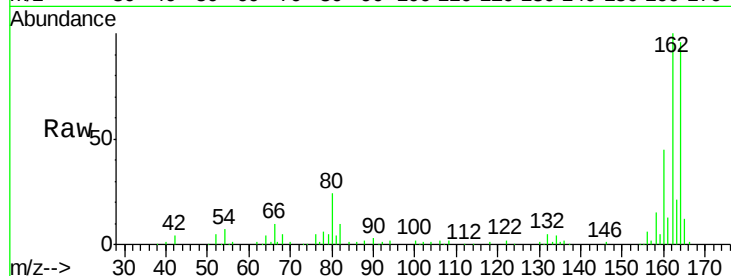
#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	47.2	39.5	59.3

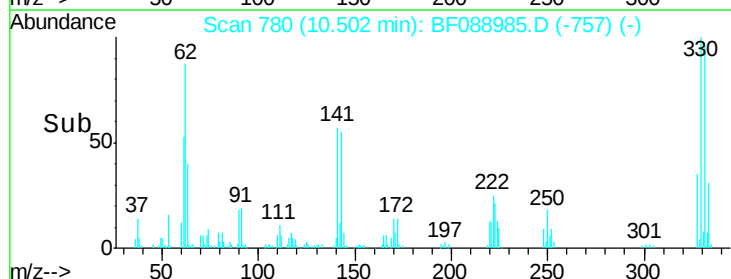
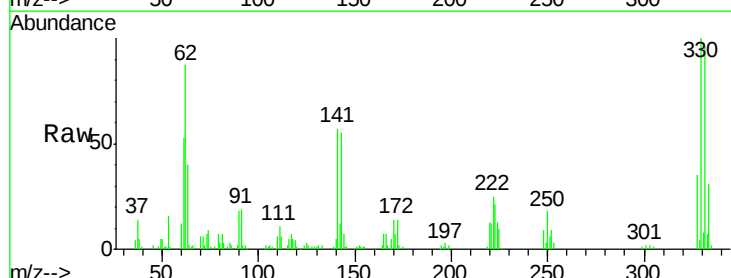
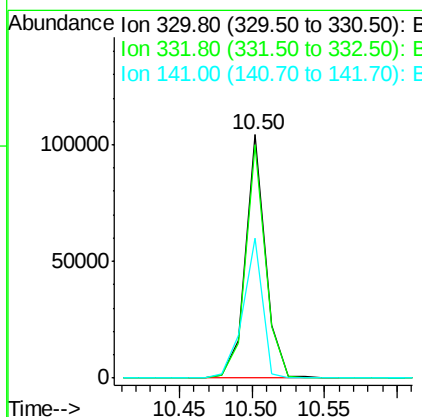
Manual Integrations

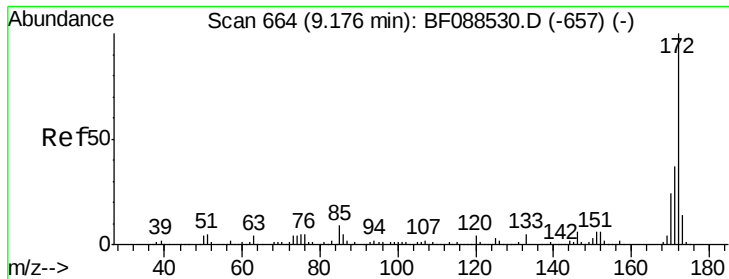
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#41
2,4,6-Tribromophenol
Concen: 86.21 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	56.3	0.0	0.0#





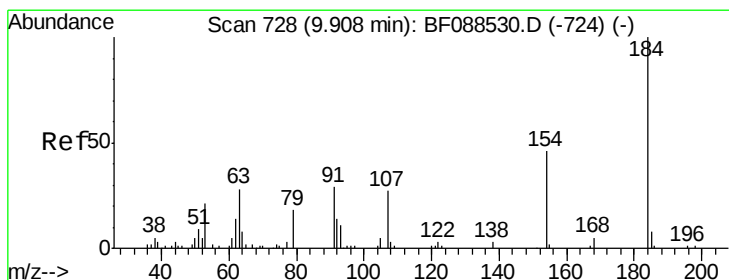
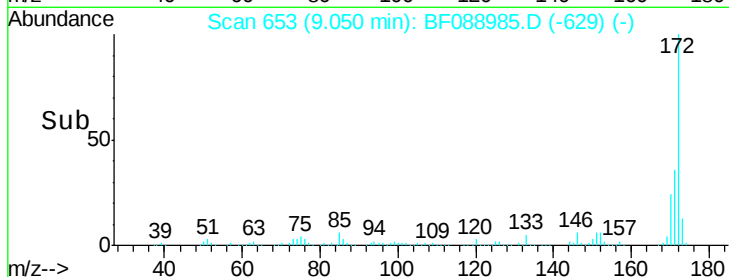
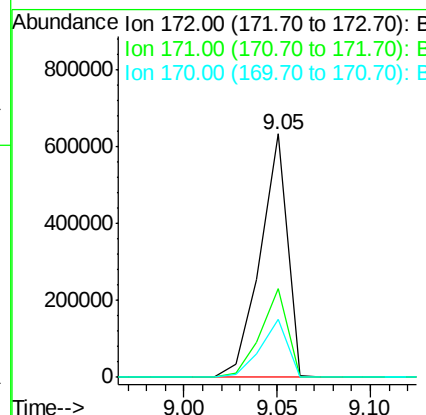
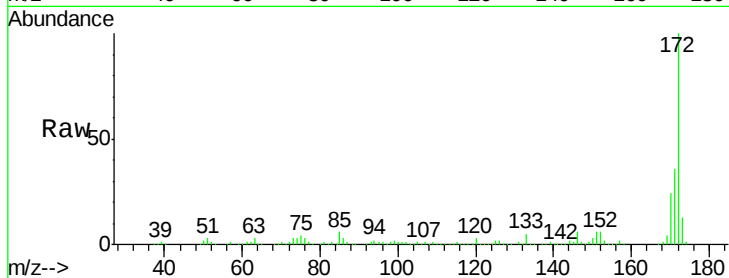
#44
2-Fluorobiphenyl
Concen: 80.59 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.9	19.2	28.8

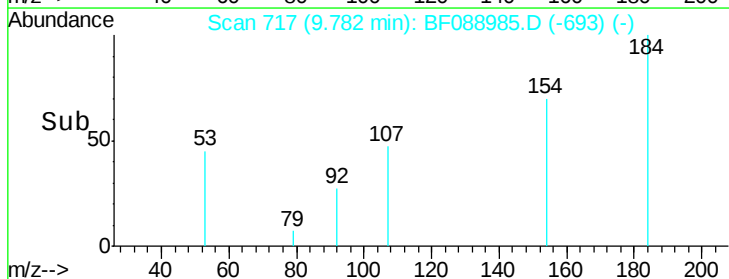
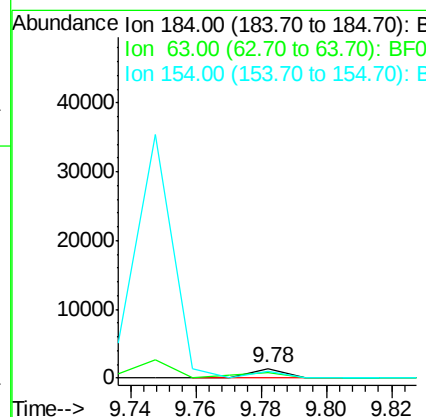
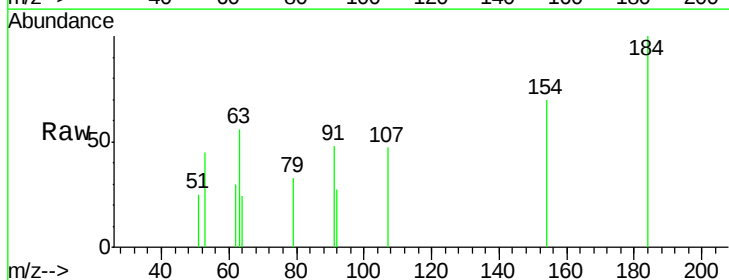
Manual Integrations

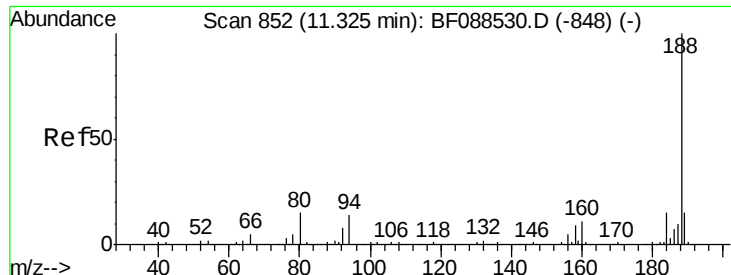
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#53
2,4-Dinitrophenol
Concen: 1.08 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	57.6	86.4#
154	69.6	53.5	80.3





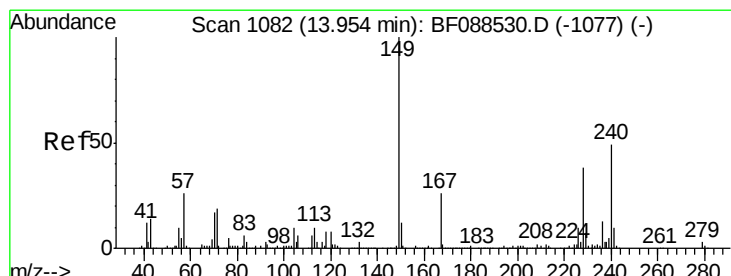
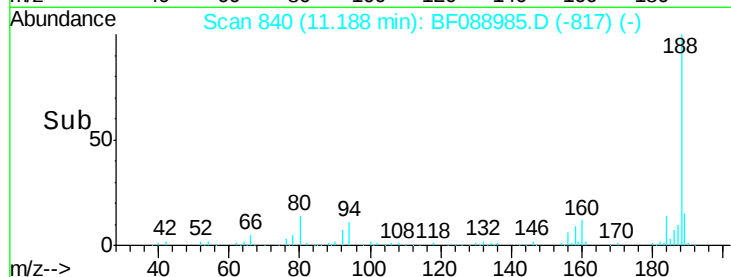
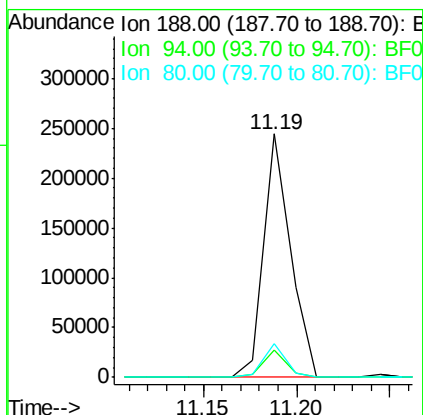
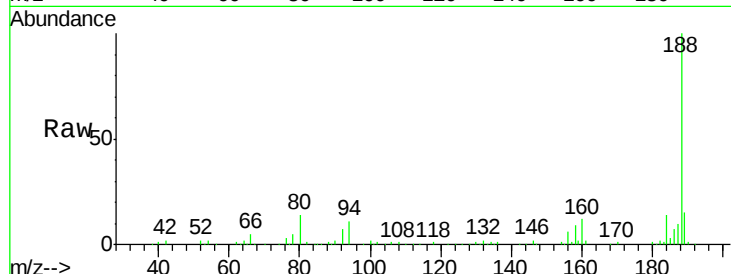
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	242629		
94	11.5		9.0	13.6
80	13.7		10.0	15.0

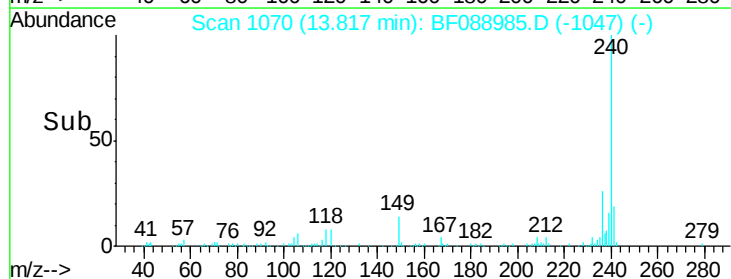
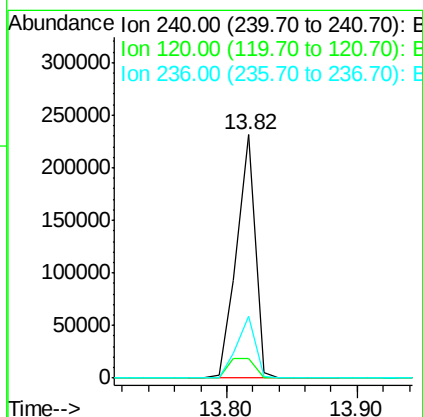
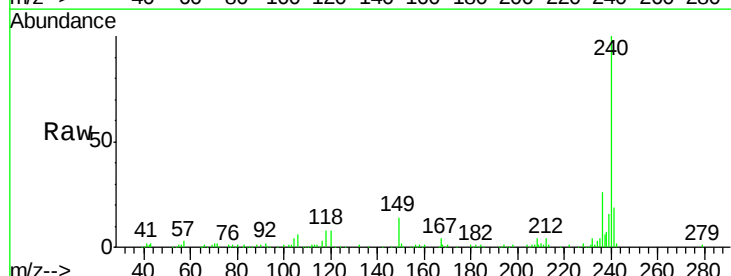
Manual Integrations

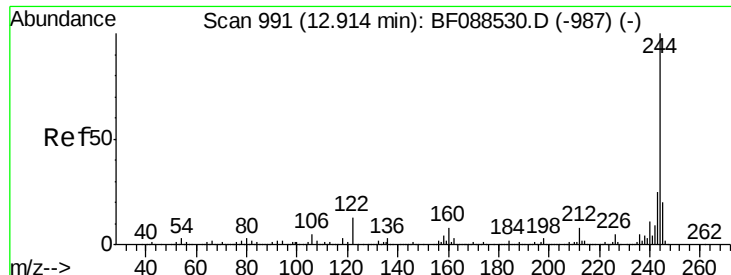
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF088985.D
Acq: 14 Jul 2016 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	228936		
120	8.2		6.8	10.2
236	25.6		20.2	30.2





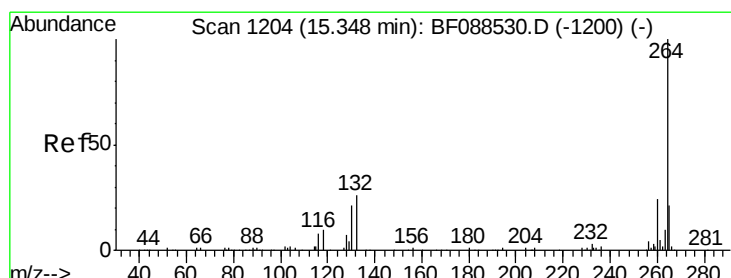
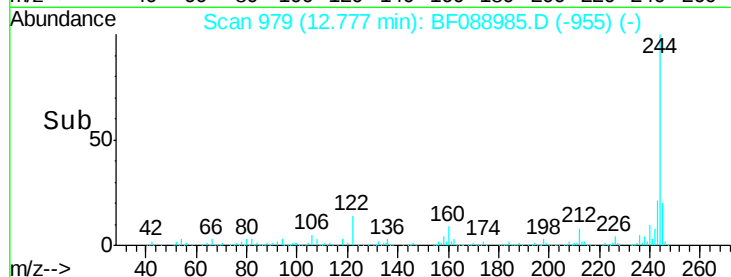
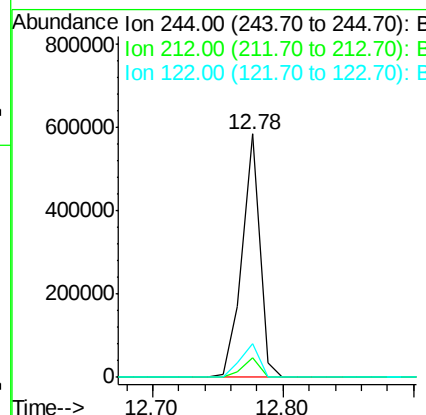
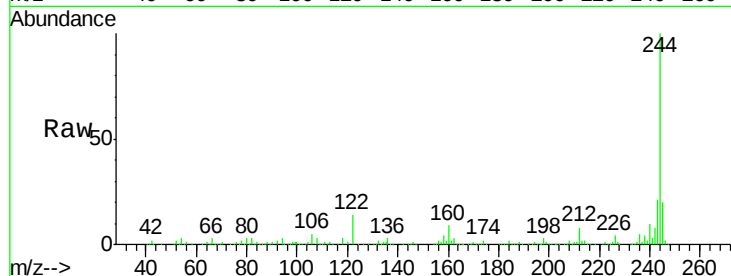
#78
 Terphenyl-d14
 Concen: 53.42 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF088985.D
 Acq: 14 Jul 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	13.7	11.2	16.8

Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF088985.D
 Acq: 14 Jul 2016 14:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	16.9	25.3

