

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088907.D
 Acq On : 11 Jul 2016 18:56
 Operator : UM/SJ
 Sample : H3915-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B2-0-11-C

Manual Integrations

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 7/12/2016 7:35:46 PM

Quant Time: Jul 12 02:24:37 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	67263	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	276778	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	109179	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	180893	20.00	ng	0.00
75) Chrysene-d12	13.84	240	141360	20.00	ng	-0.01
86) Perylene-d12	15.21	264	118070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	506879	112.94	ng	0.02
7) Phenol-d6	6.35	99	551111	95.03	ng	0.00
23) Nitrobenzene-d5	7.28	82	417275	79.01	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	120566	118.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	541326	78.32	ng	0.00
78) Terphenyl-d14	12.80	244	360901	56.87	ng	0.00
Target Compounds						
32) Benzoic acid	7.72	122	8939	2.71	ng	89
49) Dimethylphthalate	9.47	163	182295	23.44	ng	98
74) Fluoranthene	12.42	202	27080	2.70	ng	98
87) Benzo(b)fluoranthene	14.83	252	18204m	2.46	ng	

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

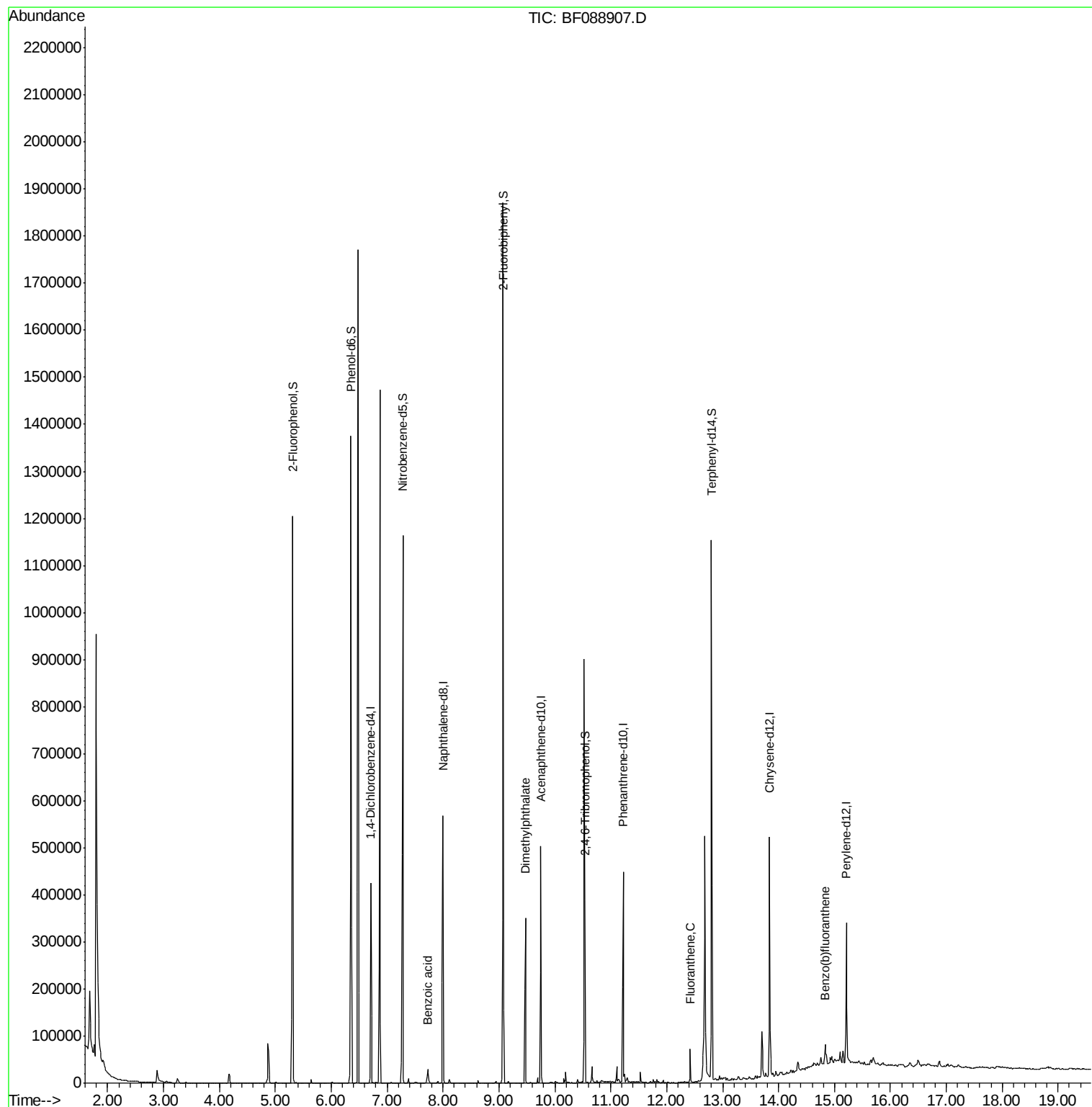
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088907.D
Acq On : 11 Jul 2016 18:56
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Misc :
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Instrument :
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#1

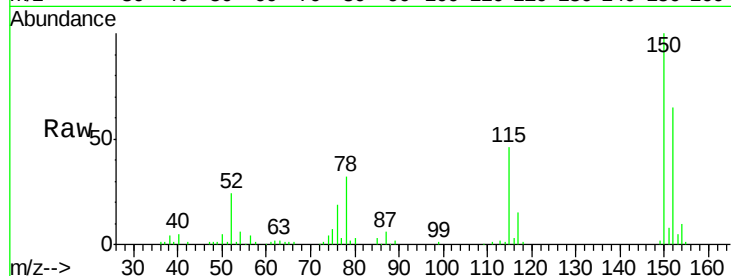
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampled :
Q6-B2-0-11-C

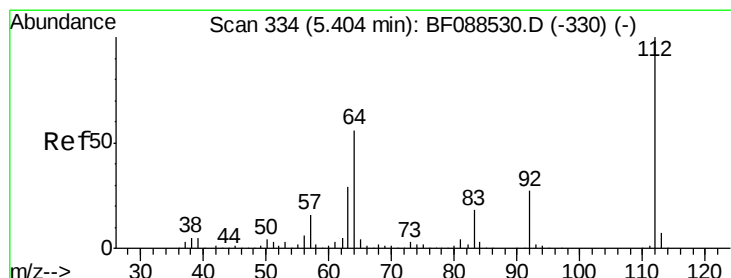
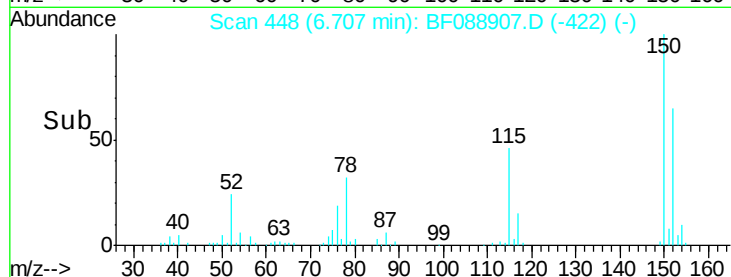
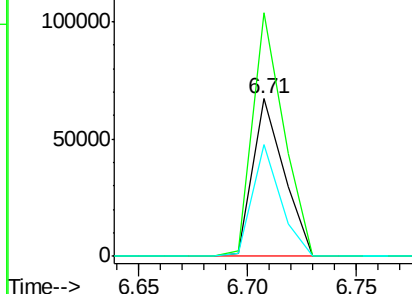
Tot Ion:152 Resp: 67263
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 71.2 39.6 59.4#

Manual Integrations

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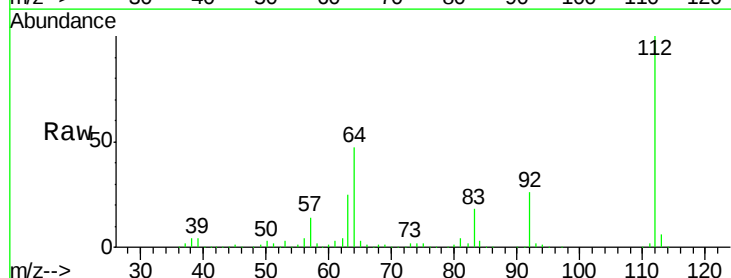
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



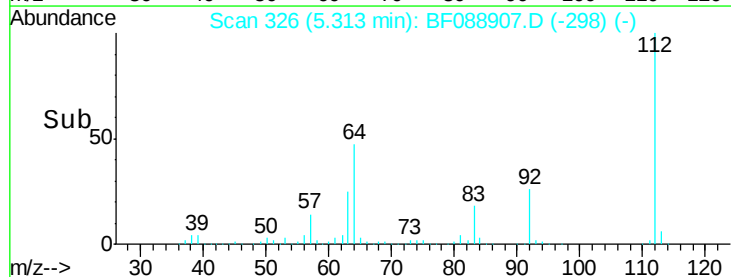
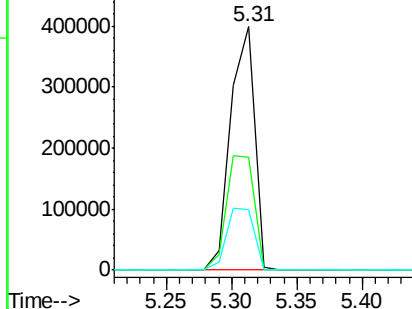
#5

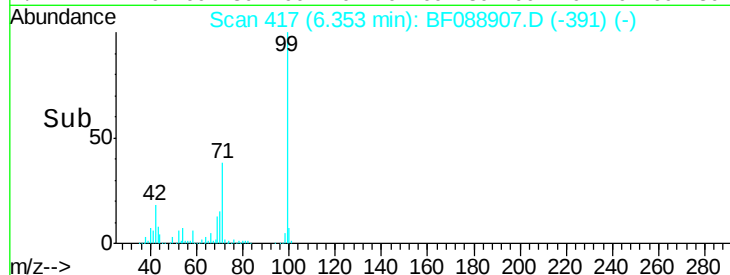
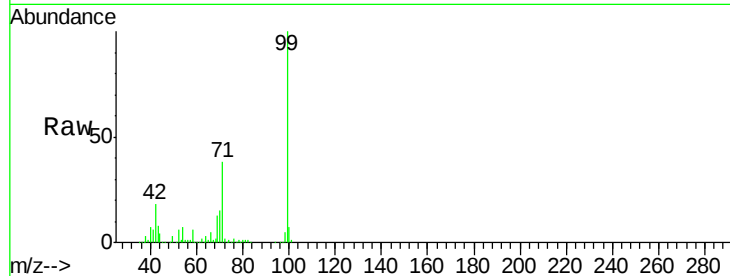
2-Fluorophenol
Concen: 112.94 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion:112 Resp: 506879
Ion Ratio Lower Upper
112 100
64 46.5 42.2 63.2
63 24.7 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: 95.03 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Tot Ion:	99	Resp:	551111
Ion Ratio	Lower	Upper	
99	100		
42	17.6	12.2	18.2
71	37.8	23.4	35.0#

Instrument :

BNA_F

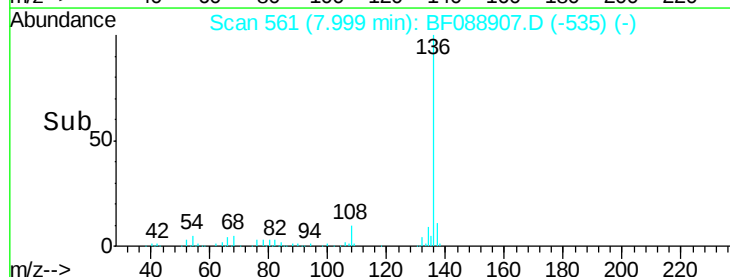
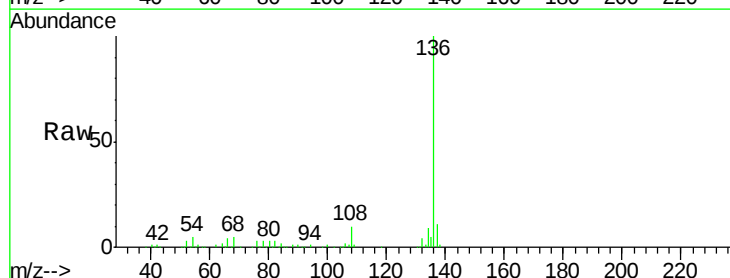
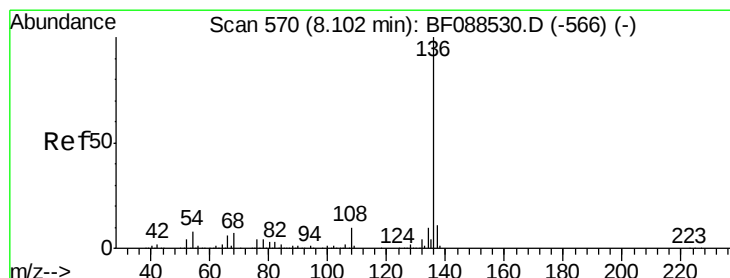
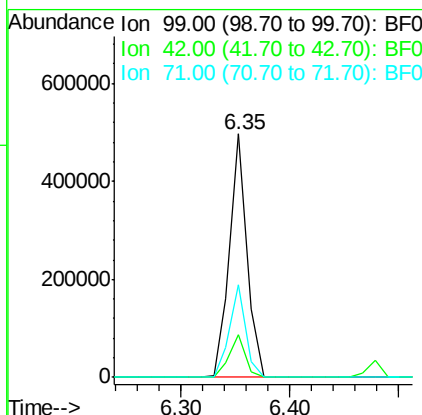
ClientSampleId :

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Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

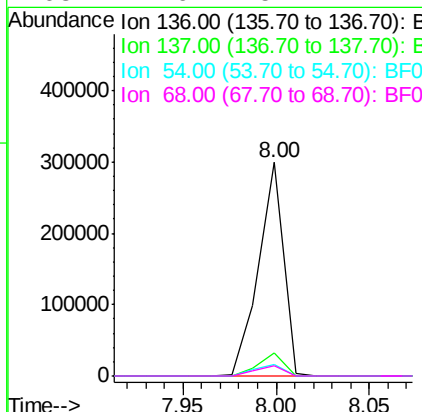
RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Tgt Ion:	136	Resp:	276778
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	5.4	6.6	10.0#
68	4.6	5.1	7.7#





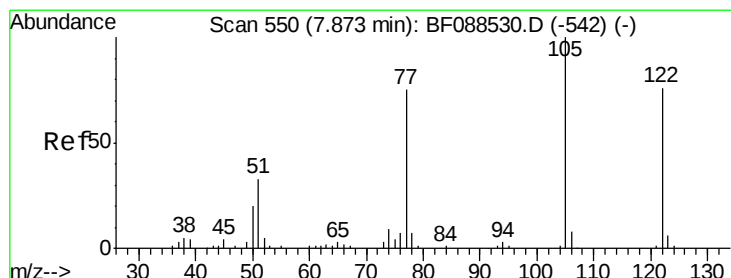
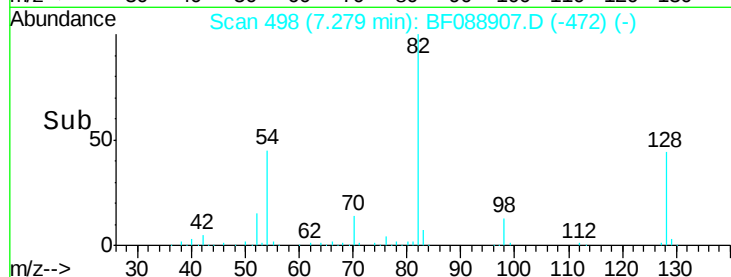
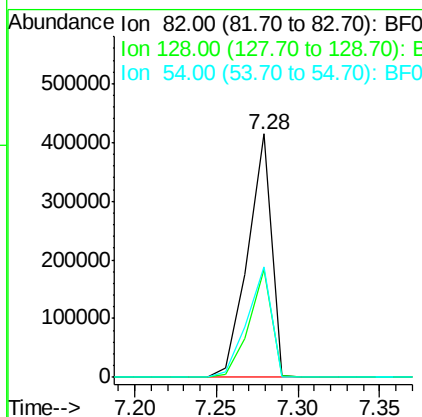
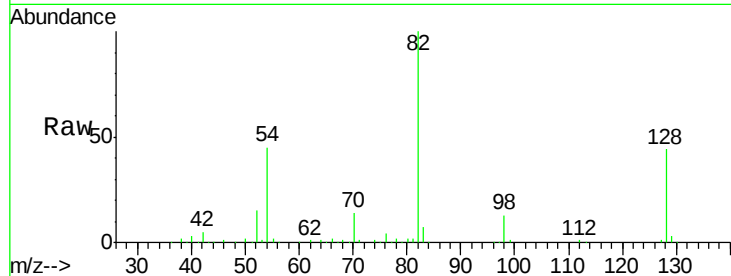
#23
 Nitrobenzene-d5
 Concen: 79.01 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF088907.D
 Acq: 11 Jul 2016 18:56

Instrument :
 BNA_F
 ClientSampled :
 Q6-B2-0-11-C

Tot Ion	82	Resp	417275
Ion Ratio	100	Lower	Upper
82	100		
128	44.2	35.9	53.9
54	45.4	40.9	61.3

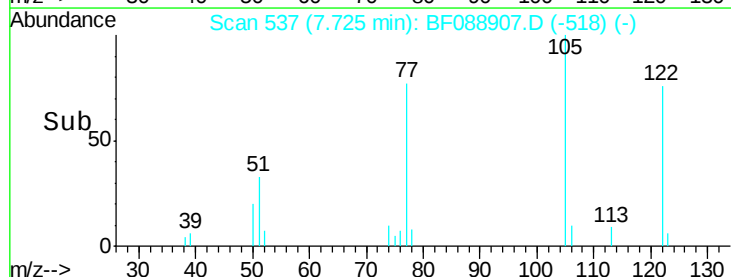
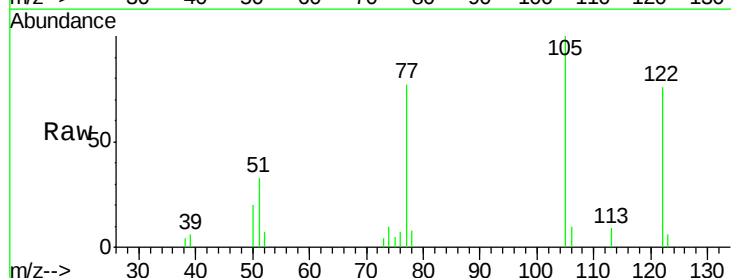
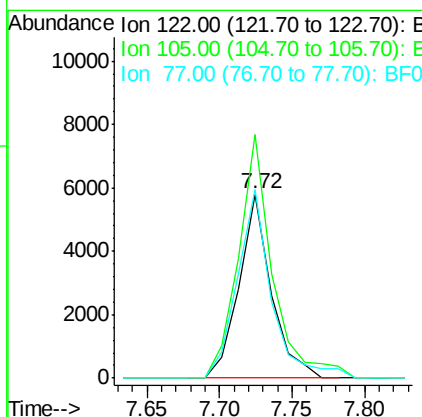
Manual Integrations

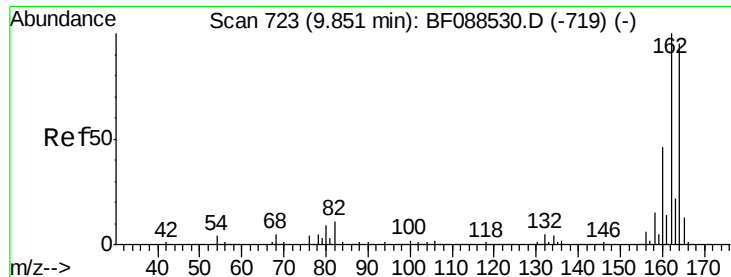
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#32
 Benzoic acid
 Concen: 2.71 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.08 min
 Lab File: BF088907.D
 Acq: 11 Jul 2016 18:56

Tgt Ion	122	Resp	8939
Ion Ratio	100	Lower	Upper
122	100		
105	132.3	101.6	141.6
77	102.4	70.6	110.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Instrument :

BNA_F

ClientSampleId :

Q6-B2-0-11-C

Tot Ion:164 Resp: 109179

Ion Ratio Lower Upper

164 100

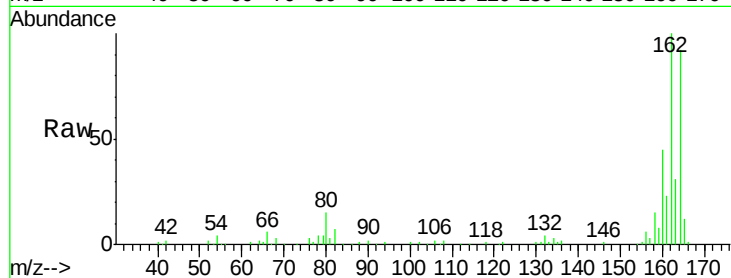
162 108.3 85.4 128.2

160 48.2 39.5 59.3

Manual Integrations

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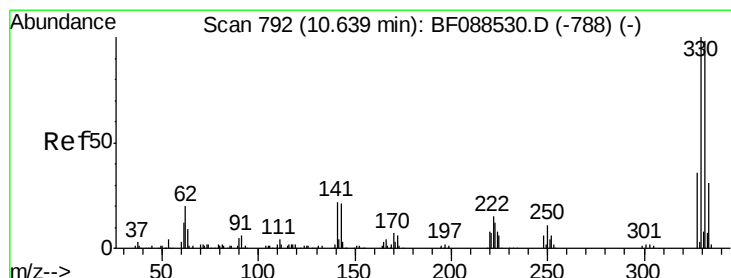
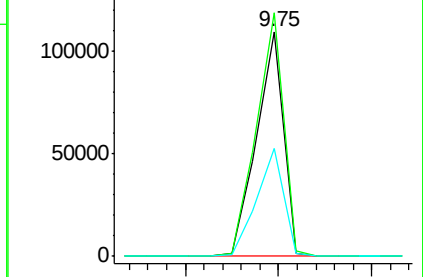
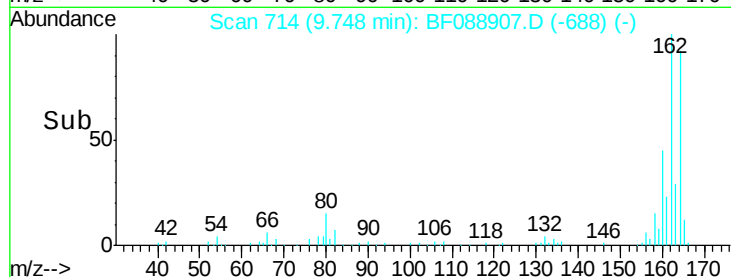
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 118.92 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

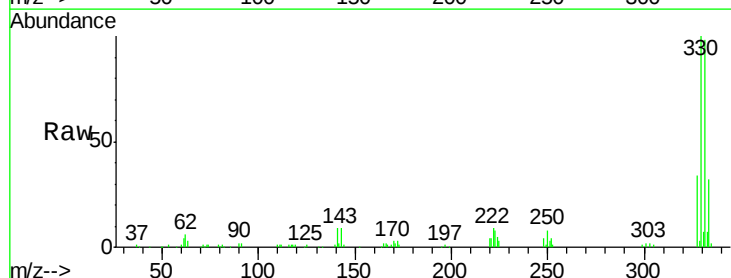
Tgt Ion:330 Resp: 120566

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

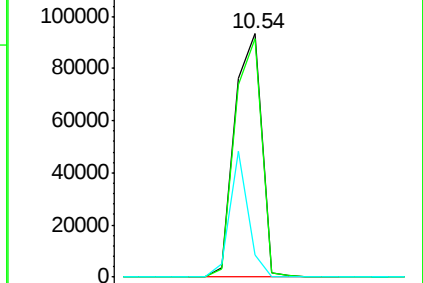
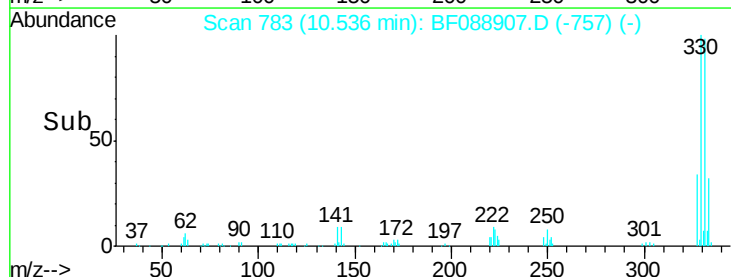
141 35.2 0.0 0.0#



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





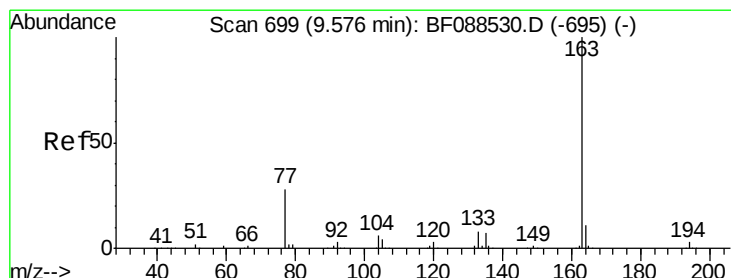
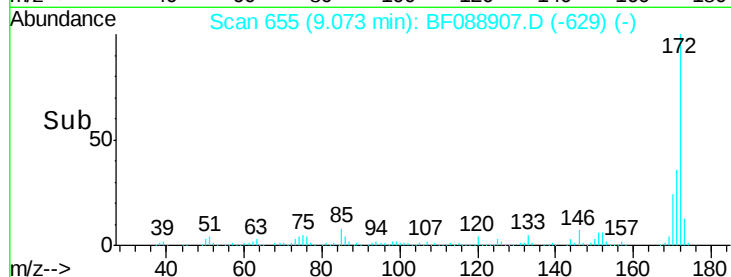
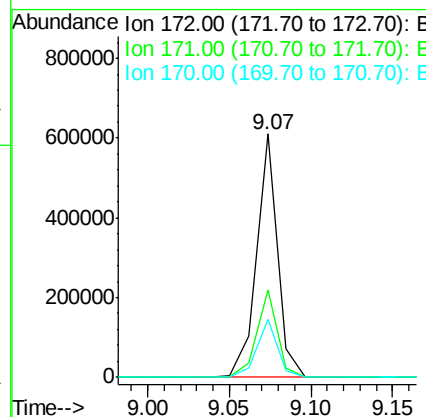
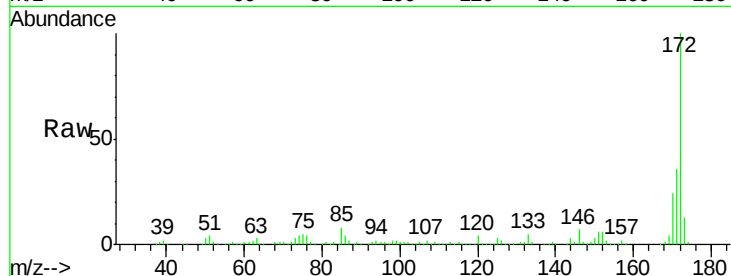
#44
2-Fluorobiphenyl
Concen: 78.32 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		541326		
171	36.0		28.6	43.0	
170	23.7		19.2	28.8	

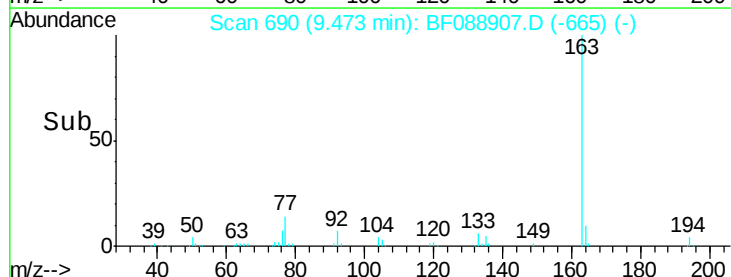
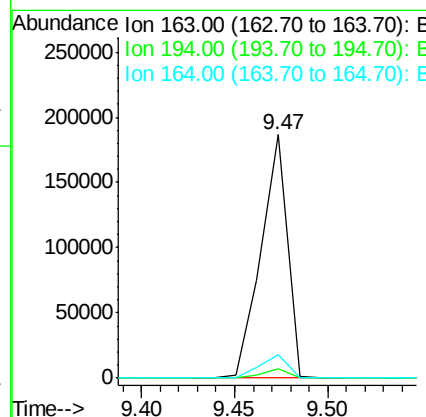
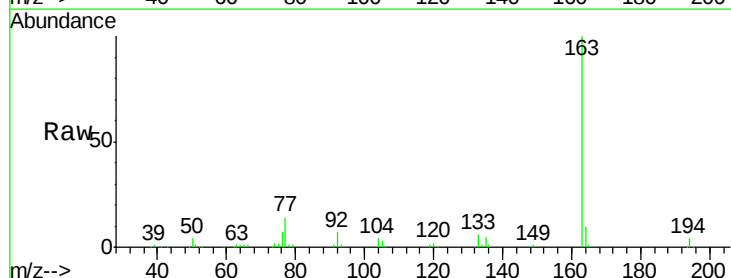
Manual Integrations

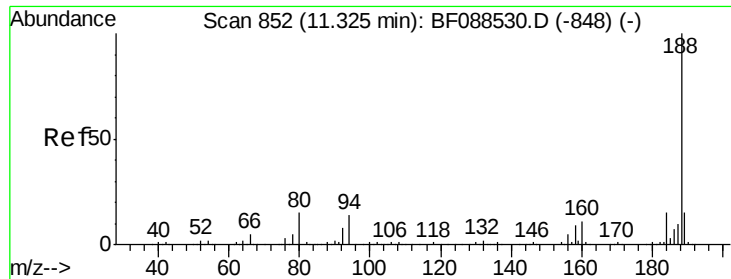
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#49
Dimethylphthalate
Concen: 23.44 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		182295		
194	3.8		2.8	4.2	
164	9.7		8.3	12.5	





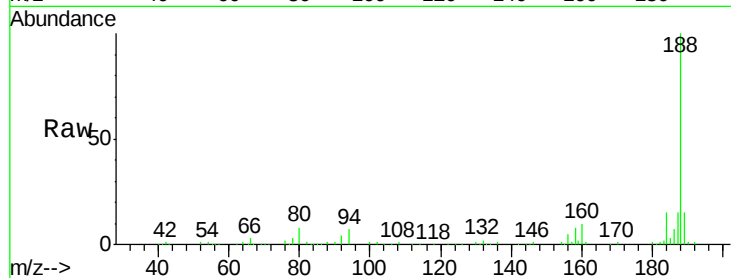
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

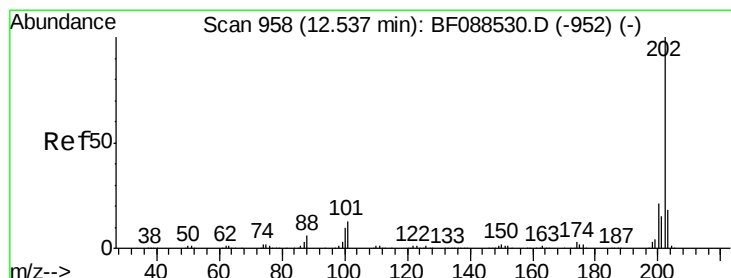
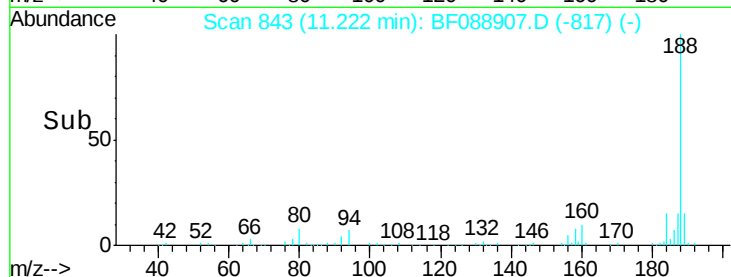
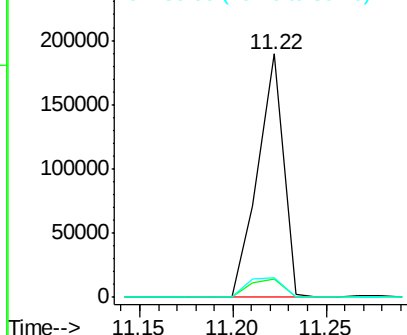
Tot Ion	Ratio	Resp	Lower	Upper
188	100	180893		
94	7.4		9.0	13.6#
80	7.8		10.0	15.0#

Manual Integrations

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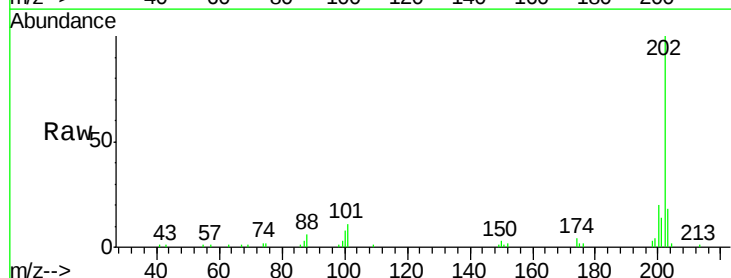


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

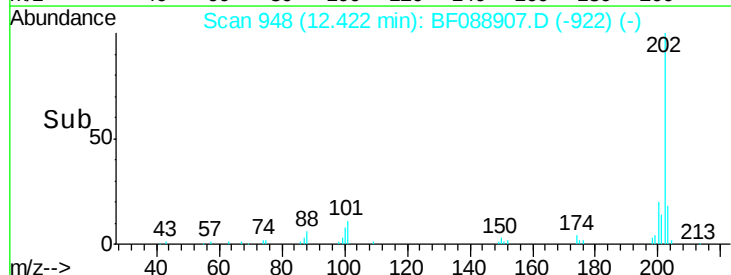
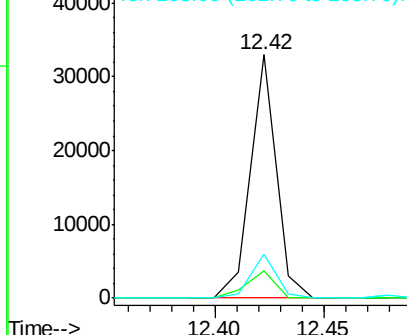


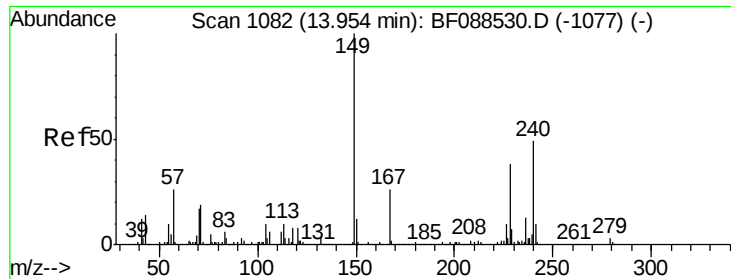
#74
Fluoranthene
Concen: 2.70 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27080		
101	11.2		0.0	33.1
203	17.9		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





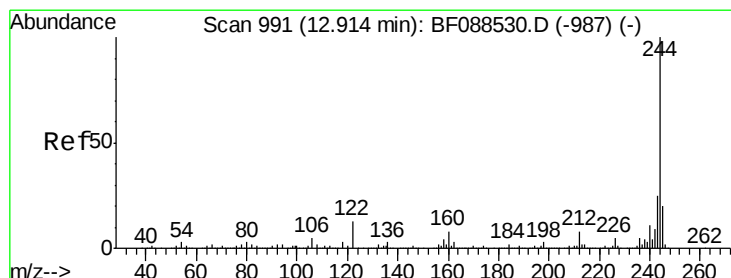
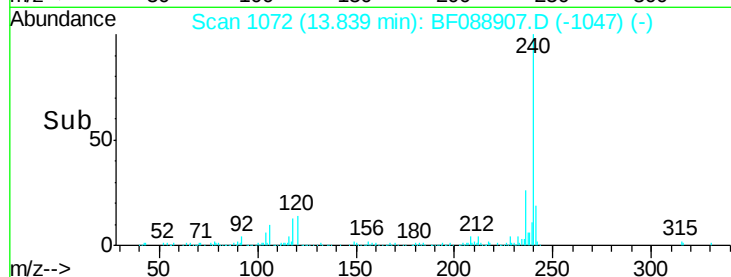
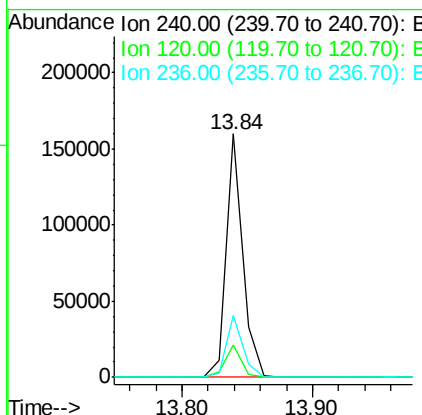
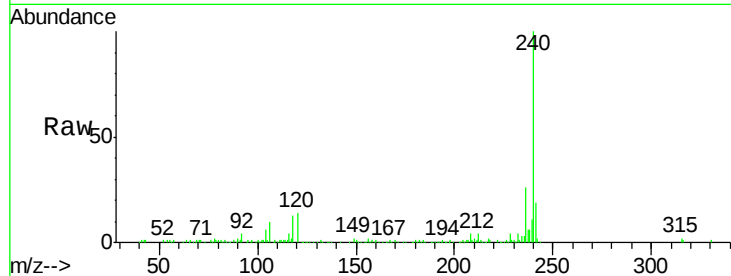
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100		141360		
120	13.5	6.8	10.2#		
236	25.6	20.2	30.2		

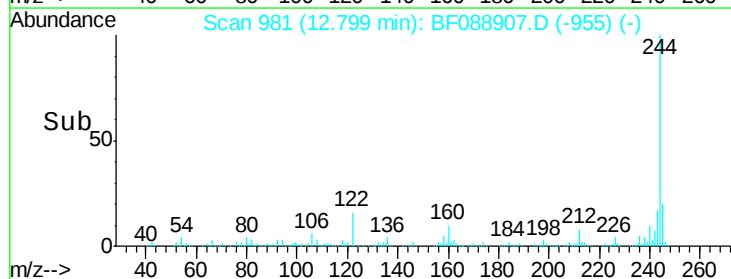
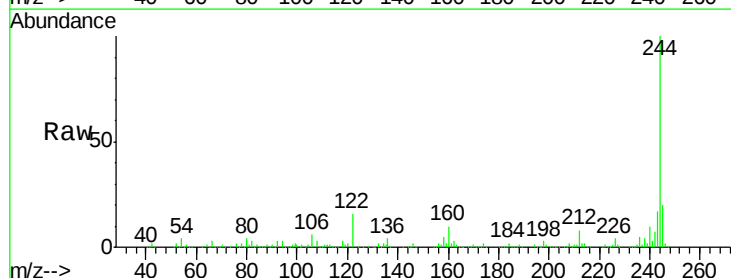
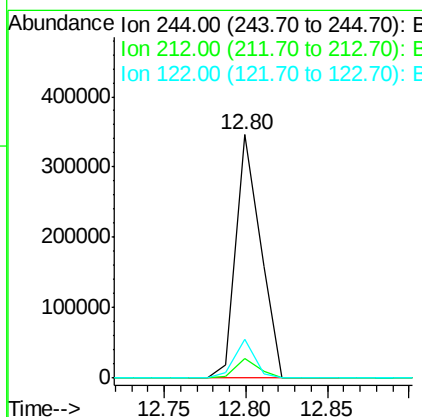
Manual Integrations

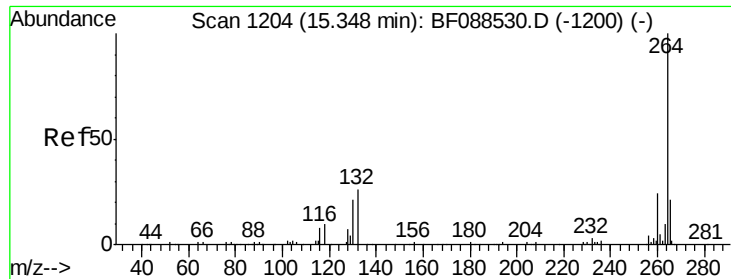
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#78
Terphenyl-d14
Concen: 56.87 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		360901		
212	8.2	6.0	9.0		
122	15.8	11.2	16.8		





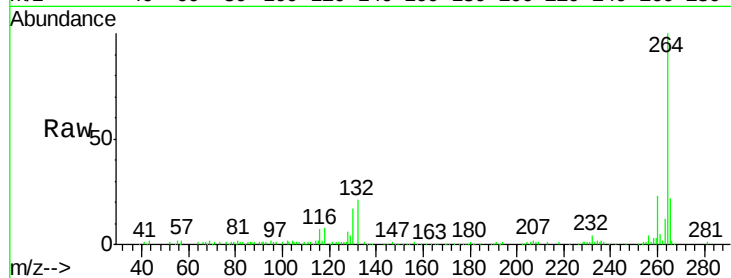
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampled :
Q6-B2-0-11-C

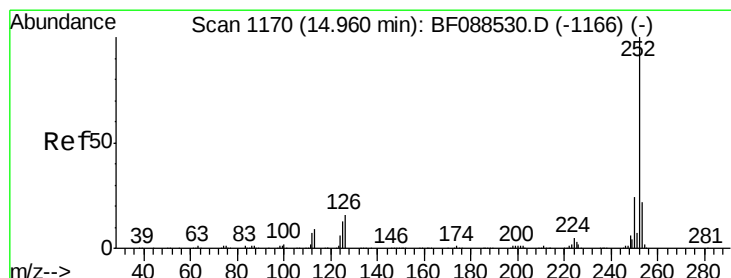
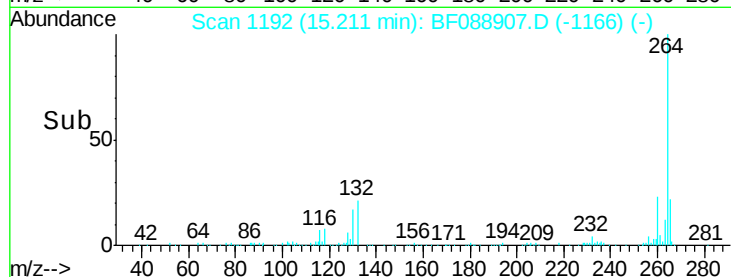
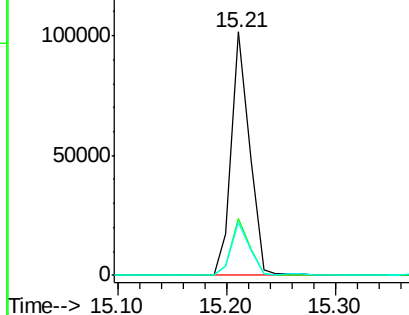
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3

Manual Integrations

sohil
7/12/2016 7:35:46 PM



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: 2.46 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	15.8	7.1	10.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

