

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088908.D
 Acq On : 11 Jul 2016 19:25
 Operator : UM/SJ
 Sample : H3915-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P7-B1-0-11-C

Manual Integrations

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Quant Time: Jul 12 02:27:24 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	64412	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	266578	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	108081	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	179654	20.00	ng	0.00
75) Chrysene-d12	13.84	240	143190	20.00	ng	-0.01
86) Perylene-d12	15.21	264	123939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	501354	116.65	ng	0.01
7) Phenol-d6	6.35	99	605753	109.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	423376	83.23	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	125534	125.08	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	589681	86.18	ng	0.00
78) Terphenyl-d14	12.80	244	433689	67.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	152011	19.74	ng	98
74) Fluoranthene	12.42	202	25842	2.60	ng	98
87) Benzo(b)fluoranthene	14.83	252	15826m	2.04	ng	

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

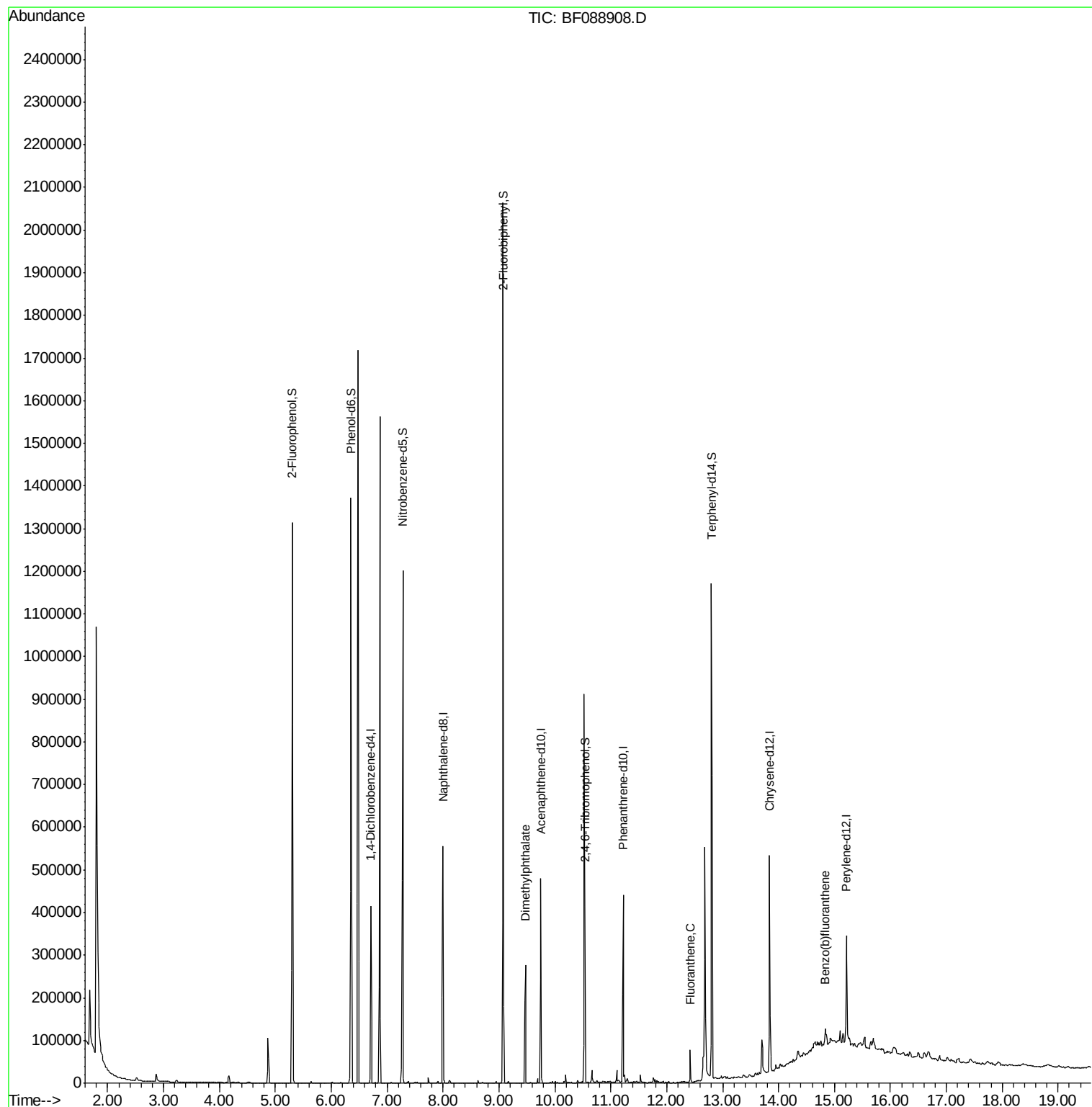
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088908.D
Acq On : 11 Jul 2016 19:25
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Sample : H3915-07
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ALS Vial : 12 Sample Multiplier: 1

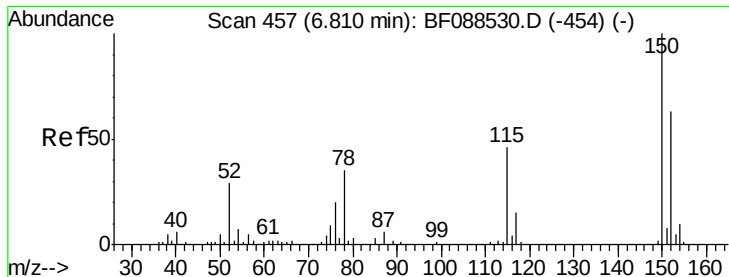
Instrument :
BNA_F
ClientSampleId :
P7-B1-0-11-C

Manual Integrations

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#1

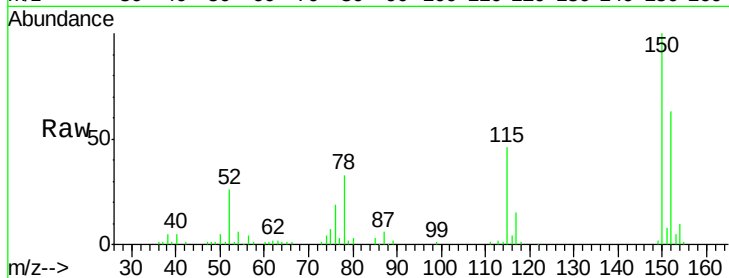
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088908.D
Acq: 11 Jul 2016 19:25

Instrument :
BNA_F
ClientSampled :
P7-B1-0-11-C

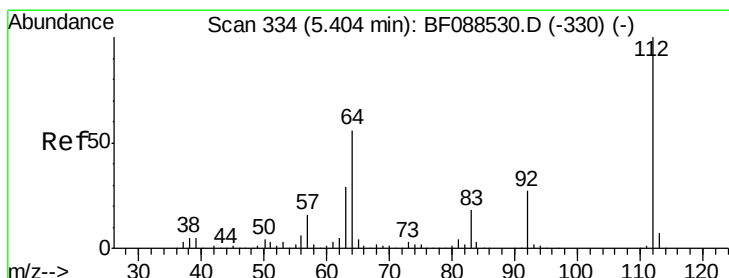
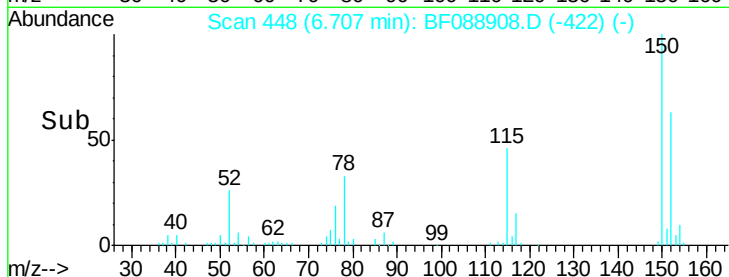
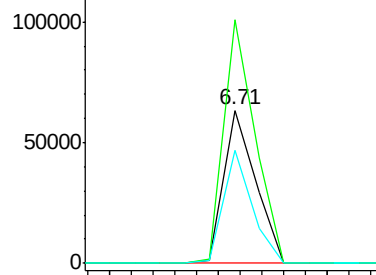
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	73.6	39.6	59.4

Manual Integrations

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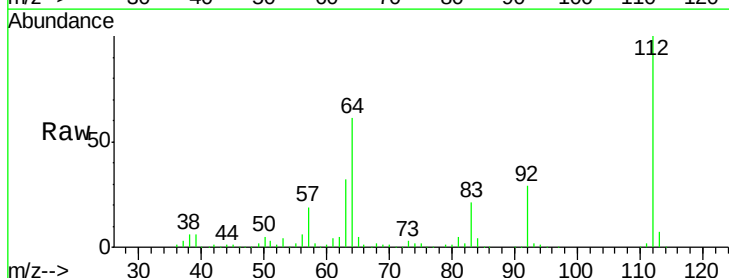
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



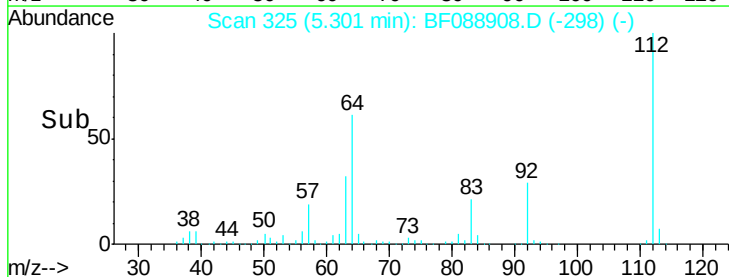
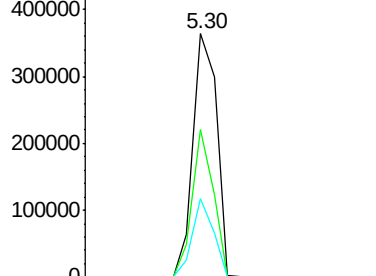
#5

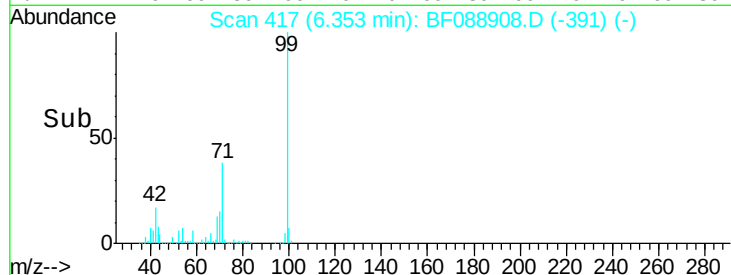
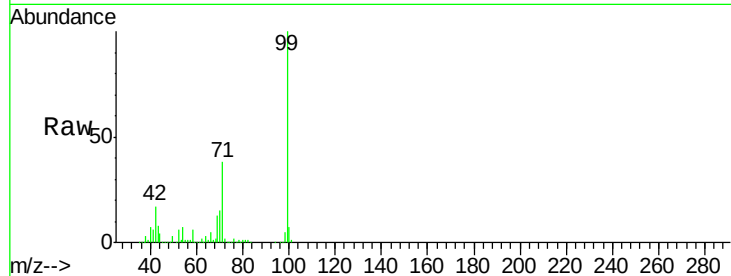
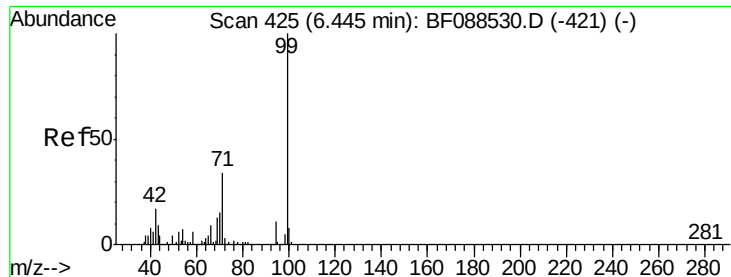
2-Fluorophenol
Concen: 116.65 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088908.D
Acq: 11 Jul 2016 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	42.2	63.2
63	32.5	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: 109.08 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088908.D

Acq: 11 Jul 2016 19:25

Tot Ion:	99	Resp:	605753
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	37.6	23.4	35.0#

Instrument :

BNA_F

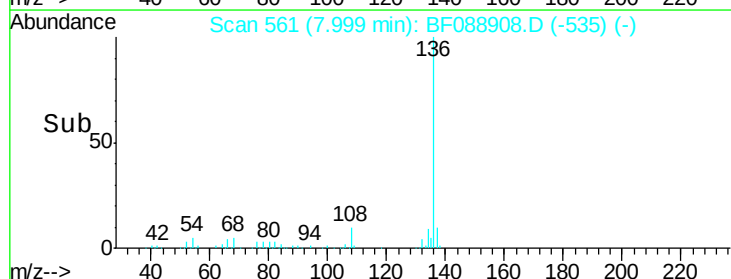
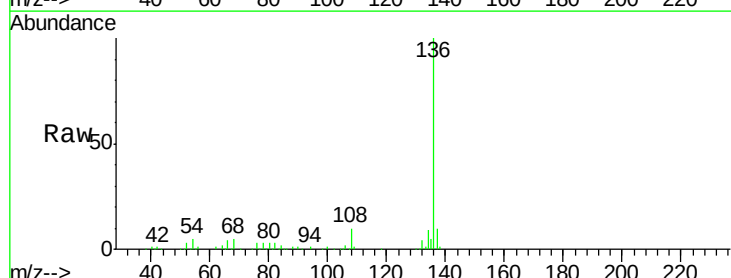
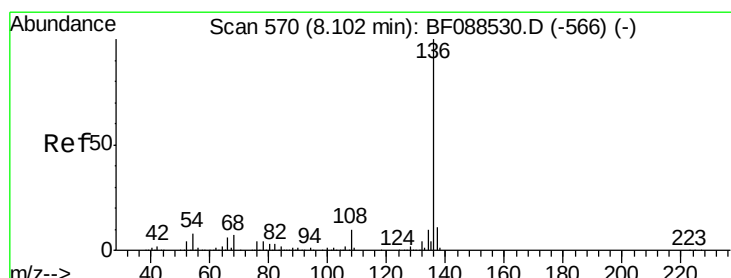
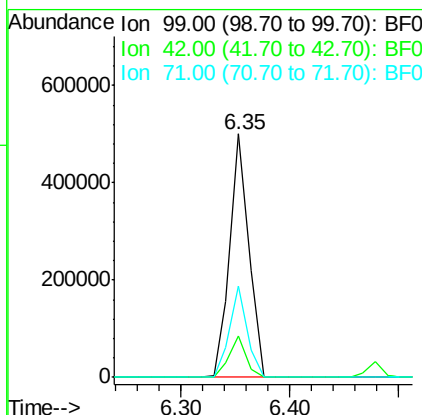
ClientSampleId :

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Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

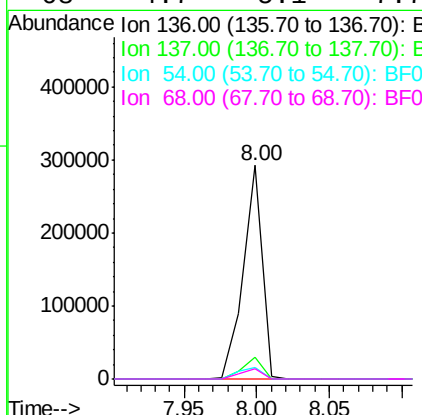
RT: 8.00 min Scan# 561

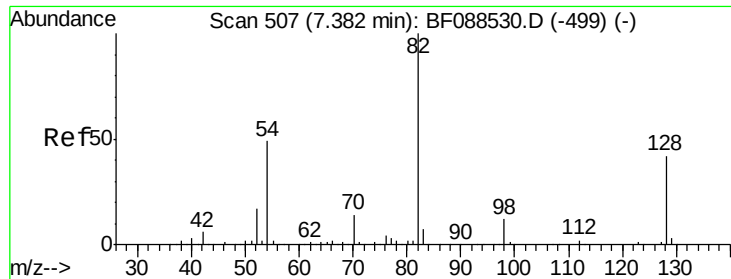
Delta R.T. -0.00 min

Lab File: BF088908.D

Acq: 11 Jul 2016 19:25

Tgt Ion:	136	Resp:	266578
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.4	6.6	10.0#
68	4.7	5.1	7.7#





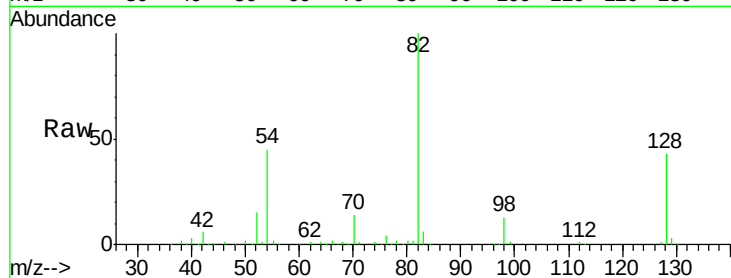
#23
 Nitrobenzene-d5
 Concen: 83.23 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF088908.D
 Acq: 11 Jul 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 P7-B1-0-11-C

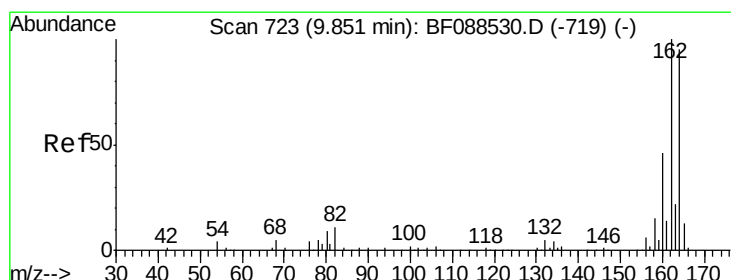
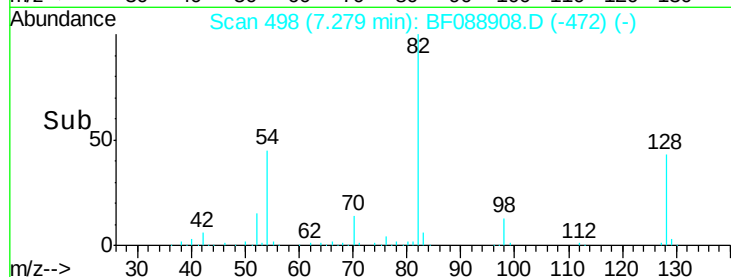
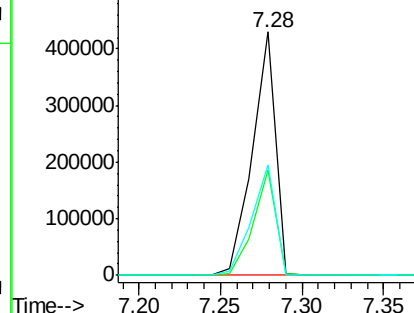
Tot Ion	82	Resp	423376
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.9	53.9
54	45.3	40.9	61.3

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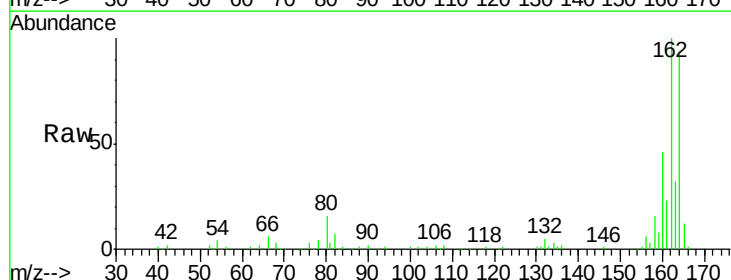


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

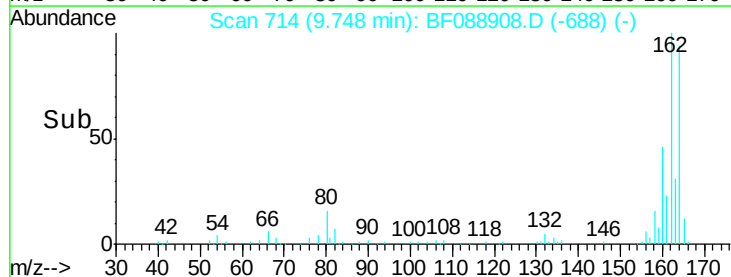
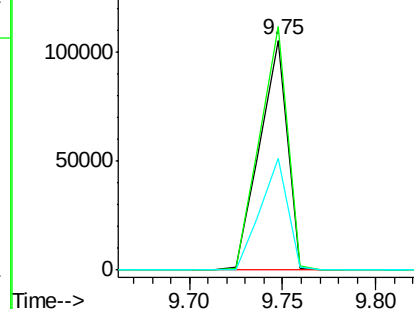


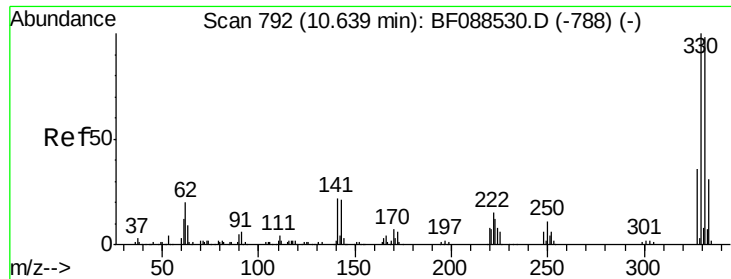
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF088908.D
 Acq: 11 Jul 2016 19:25

Tgt Ion	164	Resp	108081
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.4	128.2
160	48.6	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





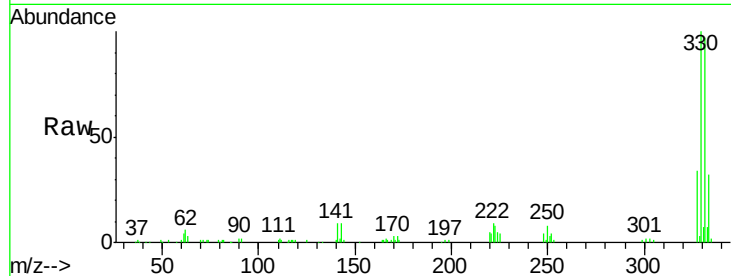
#41
 2,4,6-Tribromophenol
 Concen: 125.08 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF088908.D
 Acq: 11 Jul 2016 19:25

Instrument :
 BNA_F
 ClientSampled :
 P7-B1-0-11-C

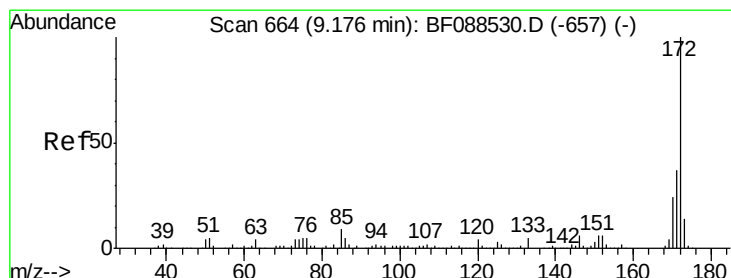
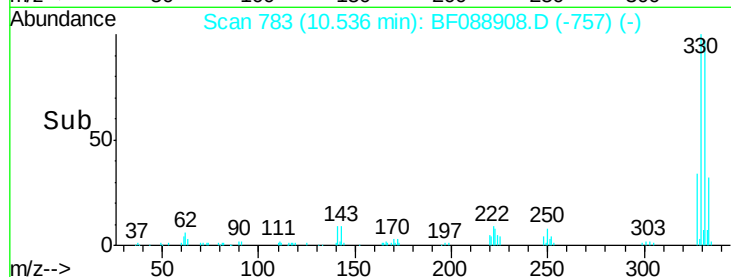
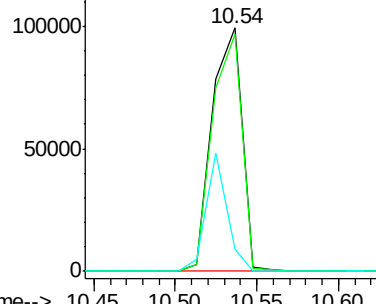
Tot Ion:	330	Resp:	125534
Ion Ratio	Lower	Upper	
330	100		
332	96.6	0.0	0.0#
141	34.3	0.0	0.0#

Manual Integrations

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 7/12/2016 7:35:48 PM



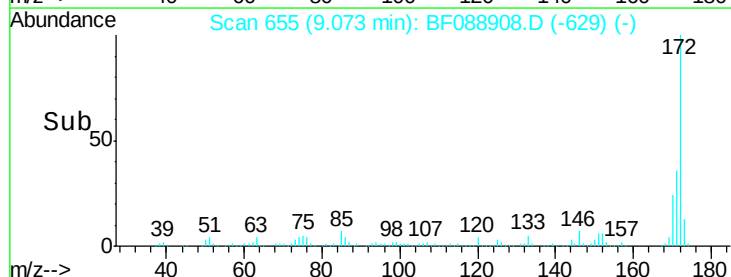
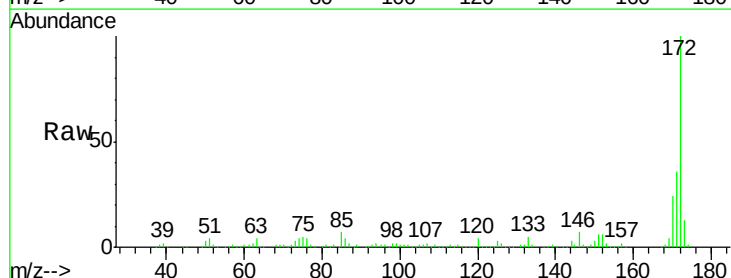
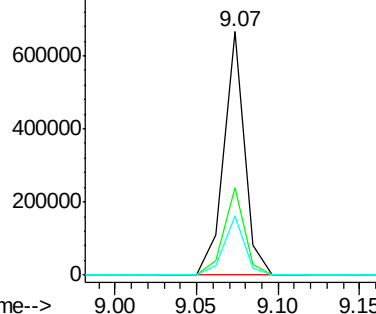
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

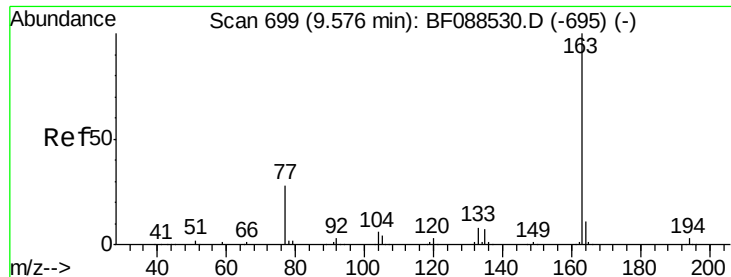


#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088908.D
 Acq: 11 Jul 2016 19:25

Tgt Ion:	172	Resp:	589681
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	43.0
170	24.1	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





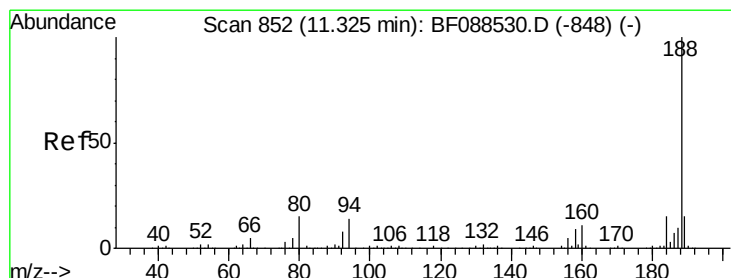
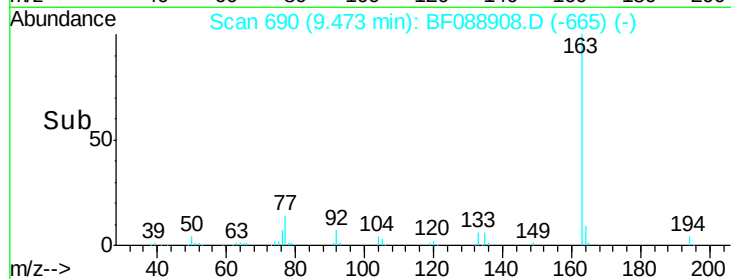
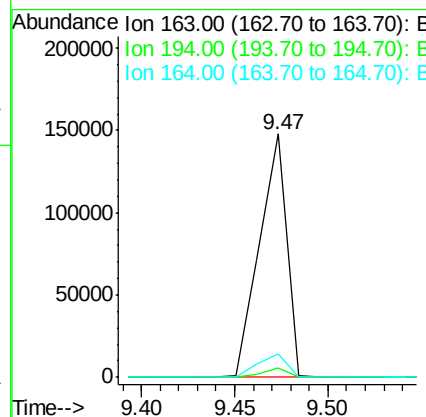
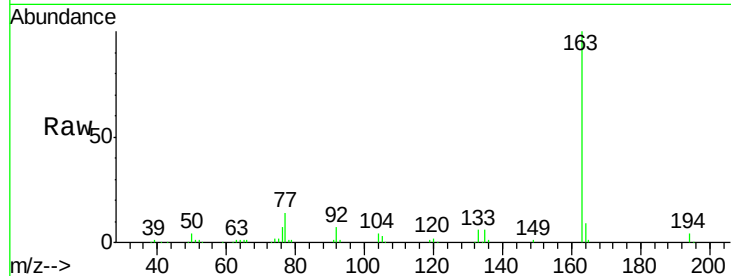
#49
Dimethylphthalate
Concen: 19.74 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088908.D
Acq: 11 Jul 2016 19:25

Instrument :
BNA_F
ClientSampleId :
P7-B1-0-11-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	152011		
194	3.9		2.8	4.2
164	9.5		8.3	12.5

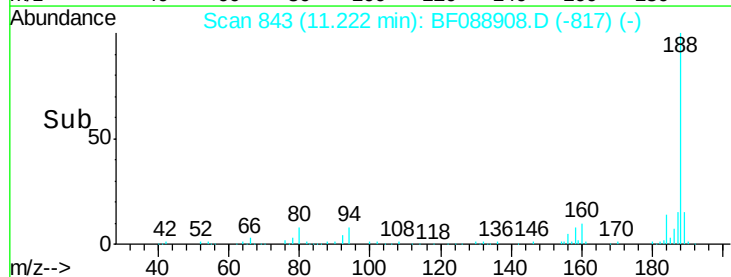
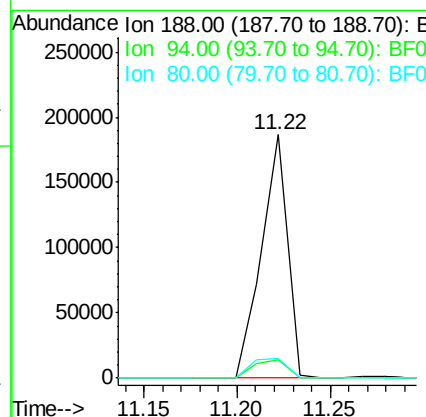
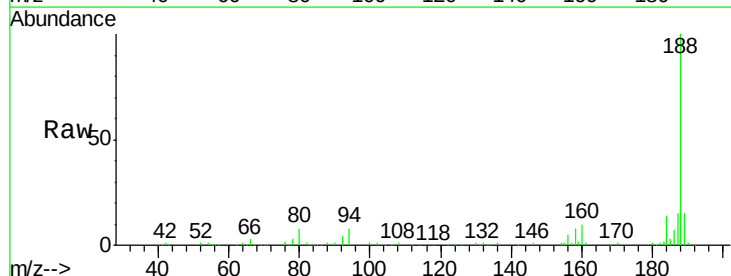
Manual Integrations

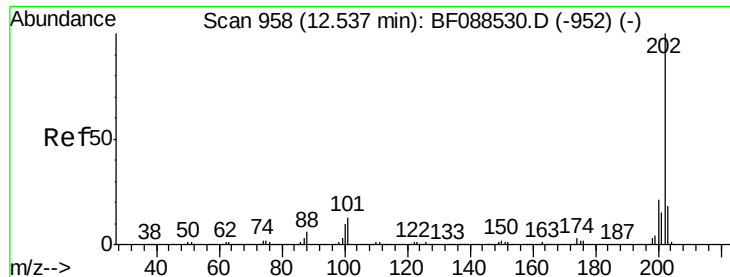
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088908.D
Acq: 11 Jul 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	179654		
94	7.5		9.0	13.6#
80	8.0		10.0	15.0#





#74

Fluoranthene

Concen: 2.60 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF088908.D

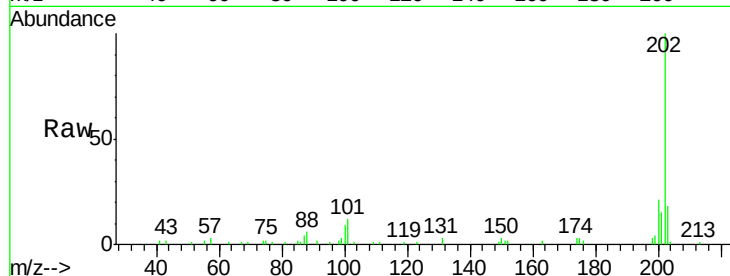
Acq: 11 Jul 2016 19:25

Instrument :

BNA_F

ClientSampleId :

P7-B1-0-11-C

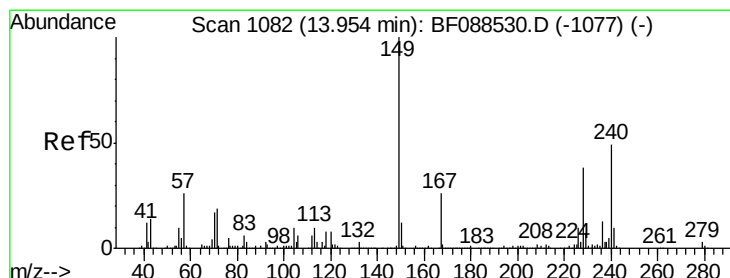
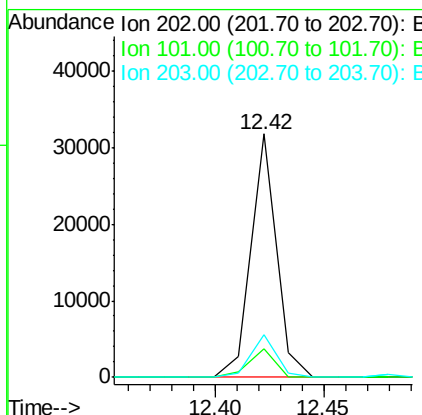
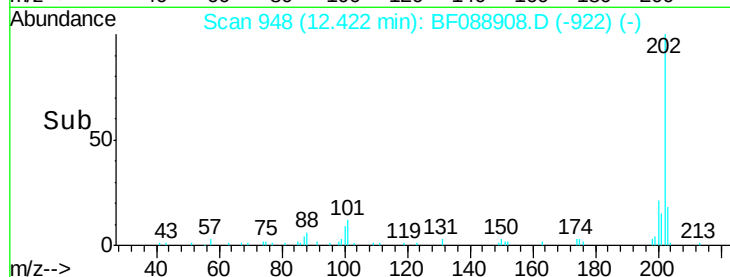


Tot Ion:	202	Resp:	25842
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.1
203	17.6	0.0	38.1

Manual Integrations

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7/12/2016 7:35:48 PM



#75

Chrysene-d12

Concen: 20.00 ng

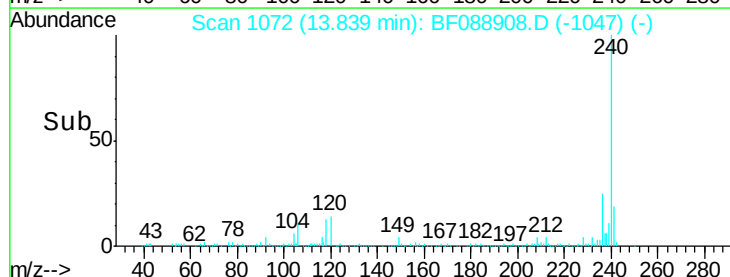
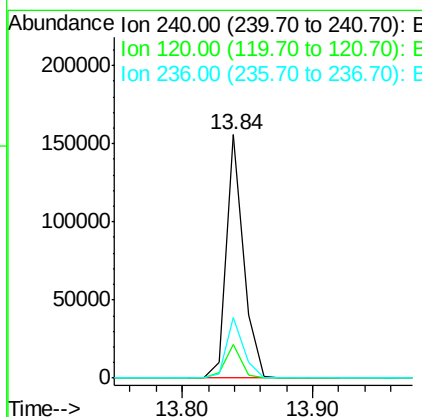
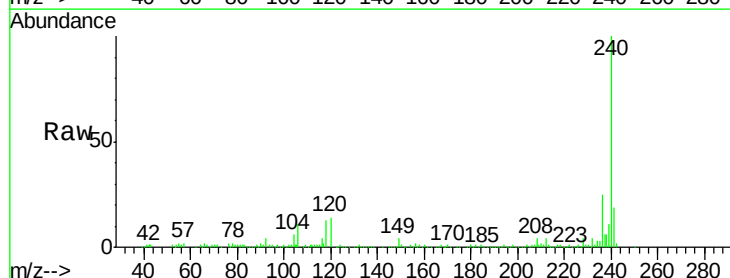
RT: 13.84 min Scan# 1072

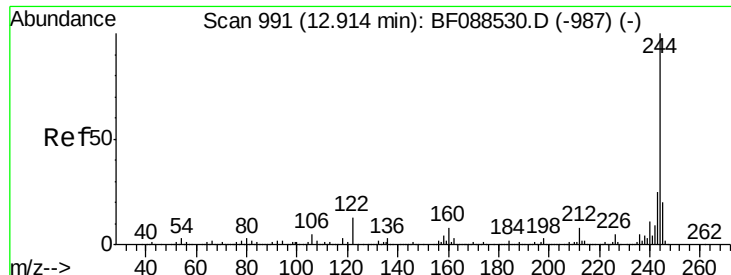
Delta R.T. -0.01 min

Lab File: BF088908.D

Acq: 11 Jul 2016 19:25

Tgt Ion:	240	Resp:	143190
Ion Ratio	Lower	Upper	
240	100		
120	13.6	6.8	10.2#
236	25.0	20.2	30.2





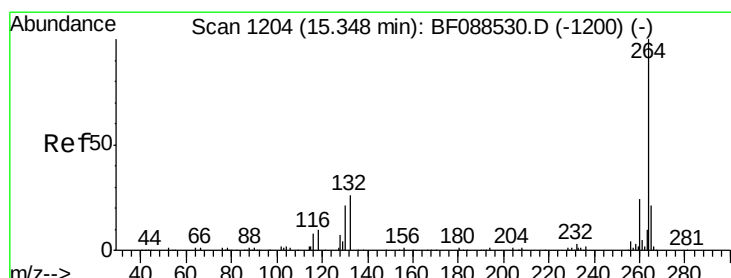
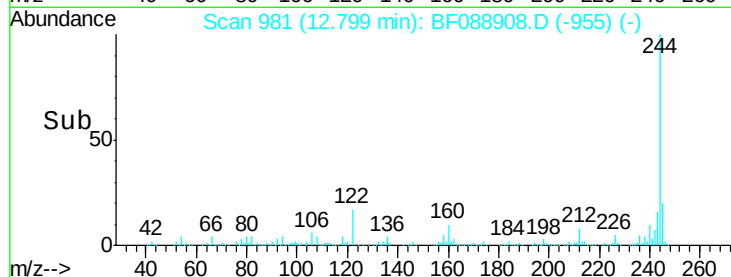
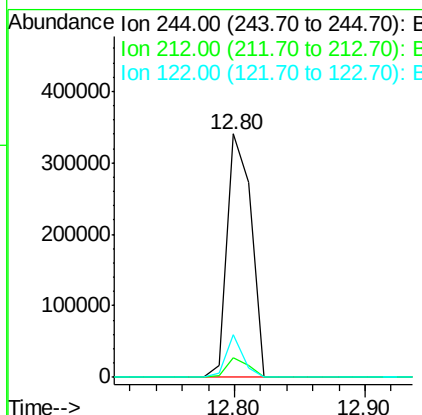
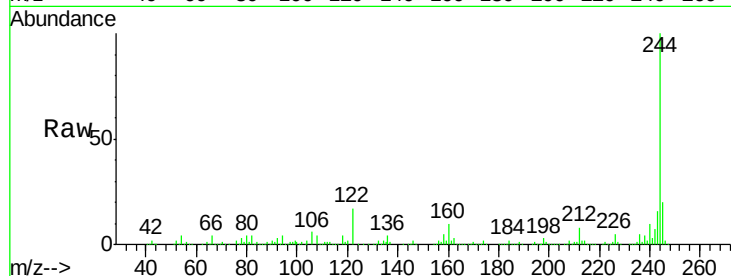
#78
 Terphenyl-d14
 Concen: 67.46 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088908.D
 Acq: 11 Jul 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 P7-B1-0-11-C

Tot Ion:244 Resp: 433689
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 17.4 11.2 16.8#

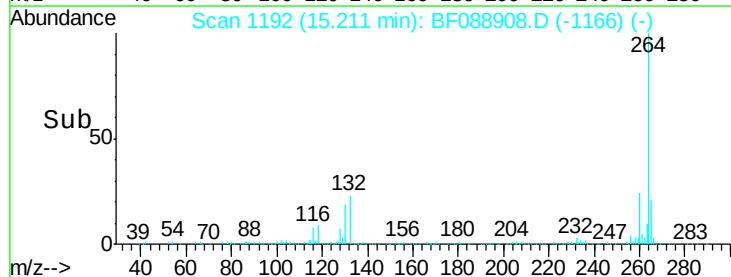
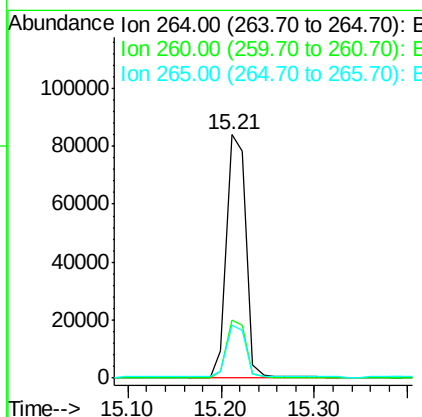
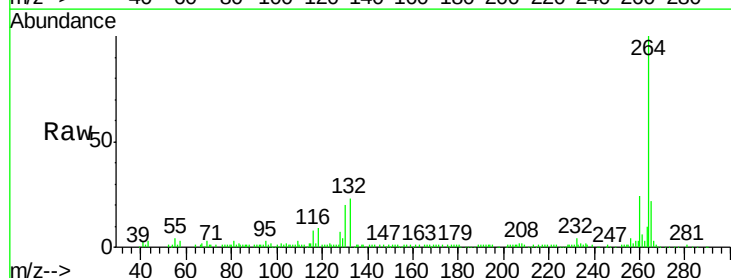
Manual Integrations

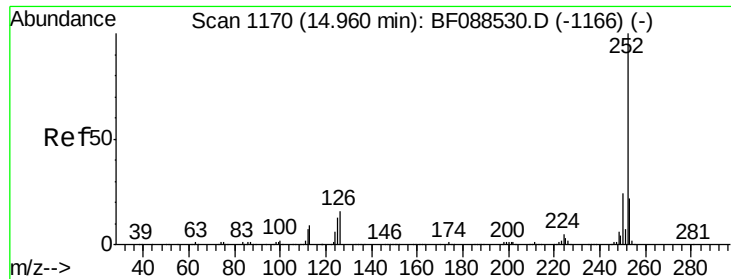
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088908.D
 Acq: 11 Jul 2016 19:25

Tgt Ion:264 Resp: 123939
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.9 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 2.04 ng m

RT: 14.83 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF088908.D

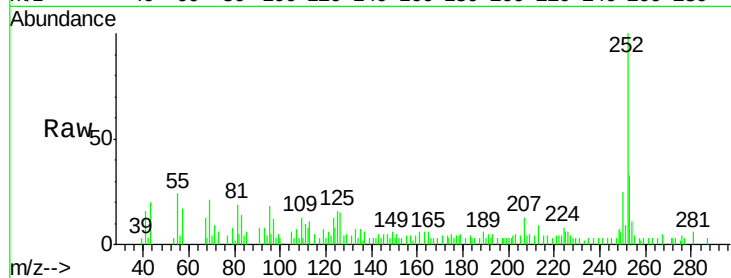
Acq: 11 Jul 2016 19:25

Instrument :

BNA_F

ClientSampleId :

P7-B1-0-11-C



Tot Ion: 252 Resp: 15826

Ion Ratio Lower Upper

252 100

253 32.6 17.4 26.2#

125 16.0 7.1 10.7#

Manual Integrations

sohil

7/12/2016 7:35:48 PM

