

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088616.D
 Acq On : 2 Jul 2016 14:44
 Operator : UM/SJ
 Sample : H3871-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R5-B4(0-11)C

Manual Integrations

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Quant Time: Jul 03 03:24:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110231	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	471169	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	204594	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	306043	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	218874	20.00	ng	-0.02
86) Perylene-d12	15.33	264	231980	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	655362	89.10	ng	-0.02
7) Phenol-d6	6.42	99	823498	86.65	ng	-0.02
23) Nitrobenzene-d5	7.36	82	579036	64.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	162883	85.73	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	766992	59.22	ng	-0.02
78) Terphenyl-d14	12.89	244	536646	54.61	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	180748	12.40	ng	Qvalue 99

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

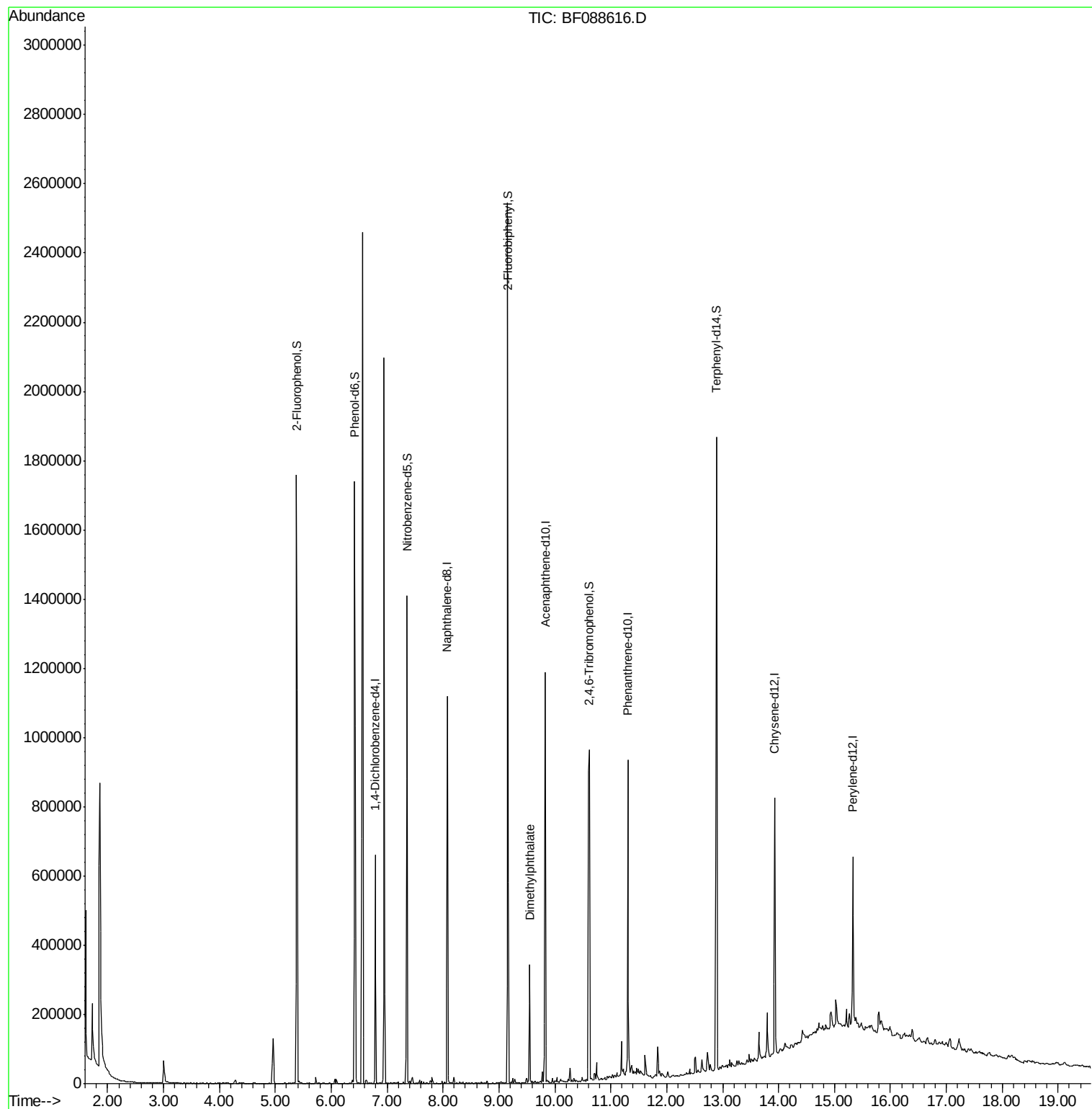
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088616.D
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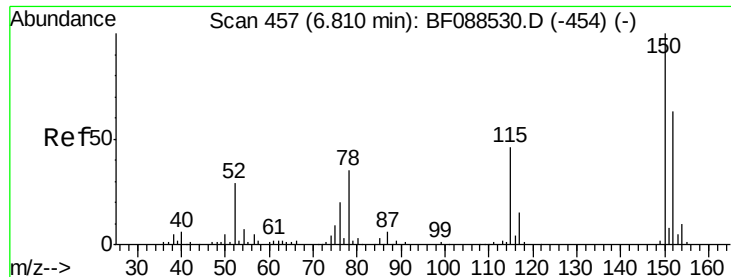
Instrument :
BNA_F
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R5-B4(0-11)C

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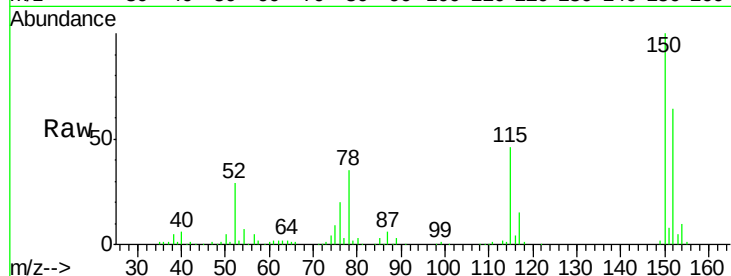




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088616.D
Acq: 2 Jul 2016 14:44

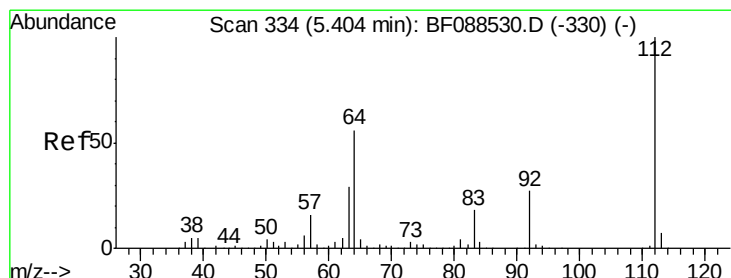
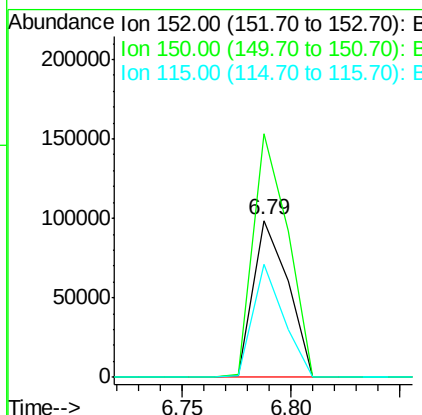
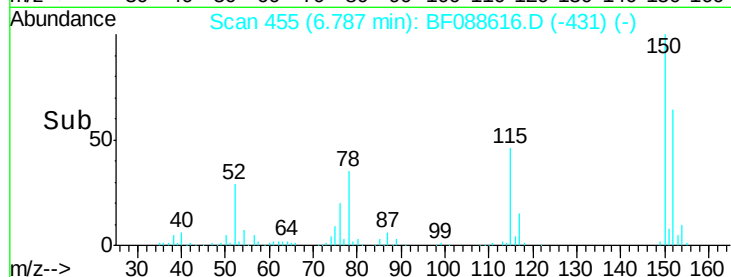
Instrument :
BNA_F
ClientSampleId :
R5-B4(0-11)C



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	72.2	39.6	59.4

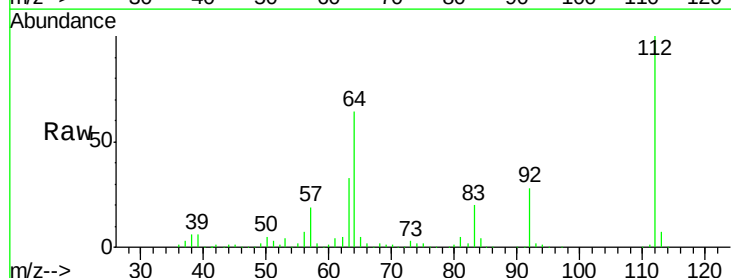
Manual Integrations

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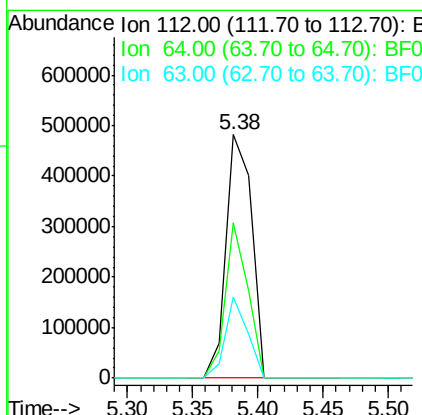
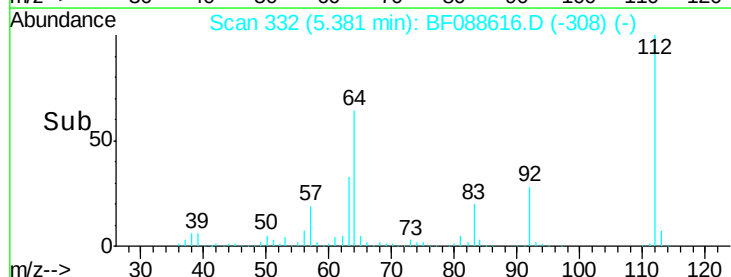


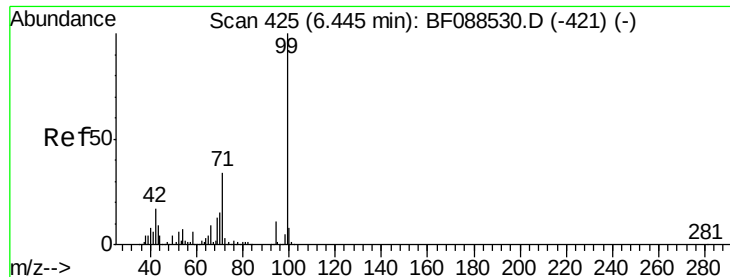
#5

2-Fluorophenol
Concen: 89.10 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088616.D
Acq: 2 Jul 2016 14:44



Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	42.2	63.2
63	33.1	21.8	32.8





#7

Phenol-d6

Concen: 86.65 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088616.D

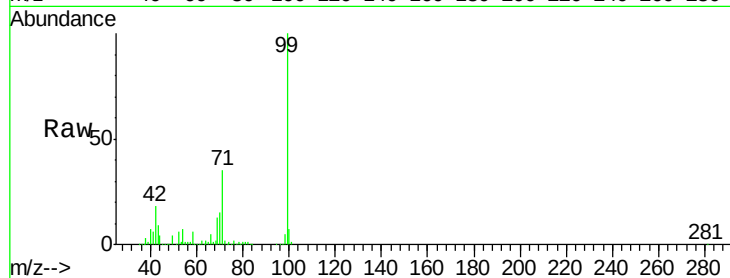
Acq: 2 Jul 2016 14:44

Instrument :

BNA_F

ClientSampleId :

R5-B4(0-11)C



Tgt Ion: 99 Resp: 823498

Ion Ratio Lower Upper

99 100

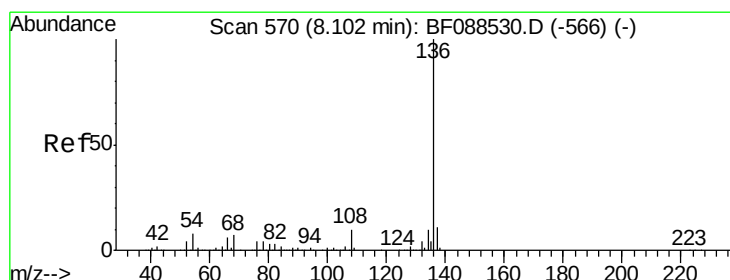
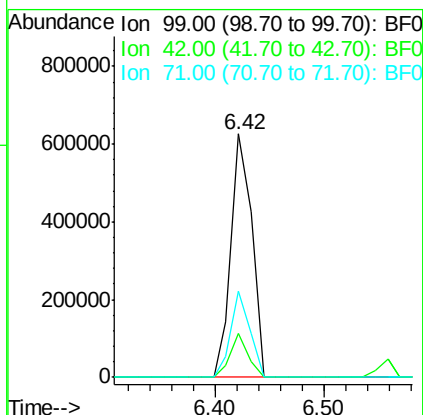
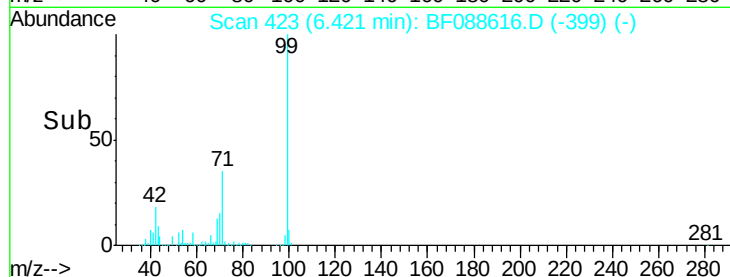
42 18.3 12.2 18.2#

71 35.4 23.4 35.0#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088616.D

Acq: 2 Jul 2016 14:44

Tgt Ion: 136 Resp: 471169

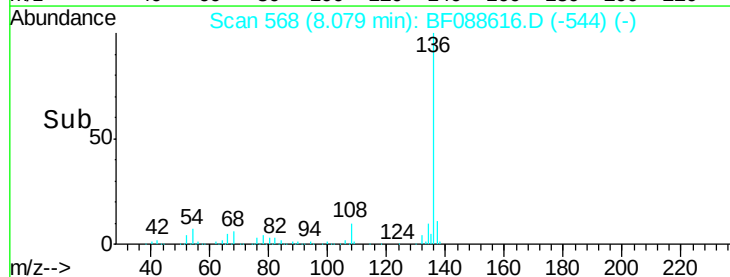
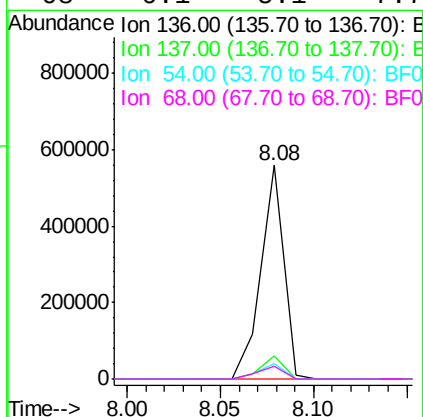
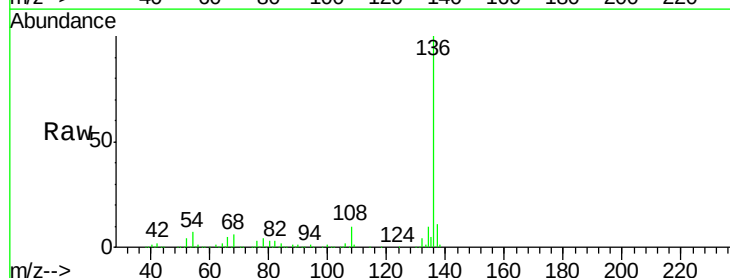
Ion Ratio Lower Upper

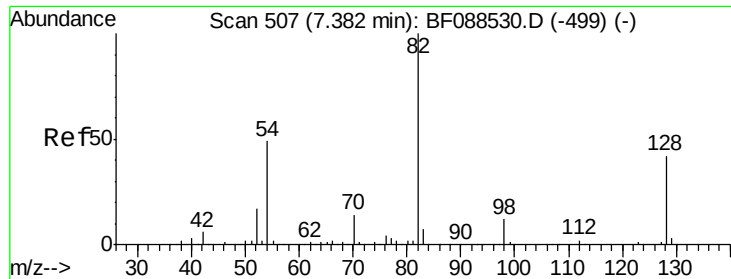
136 100

137 10.9 9.1 13.7

54 7.2 6.6 10.0

68 6.1 5.1 7.7





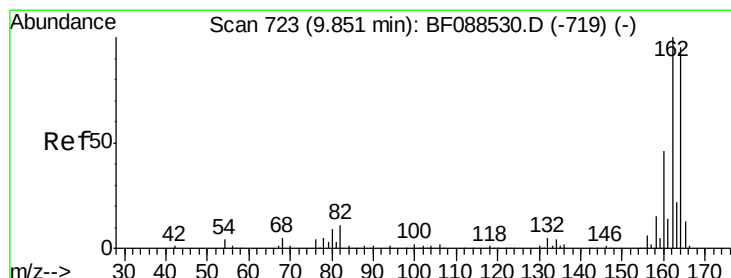
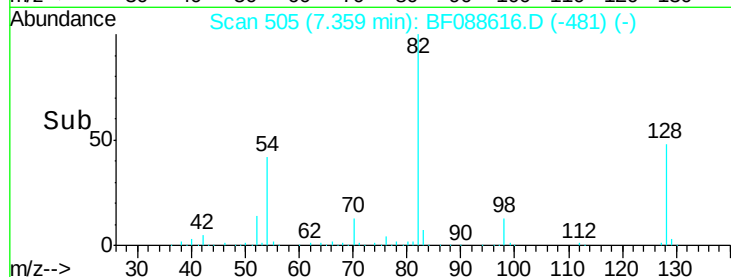
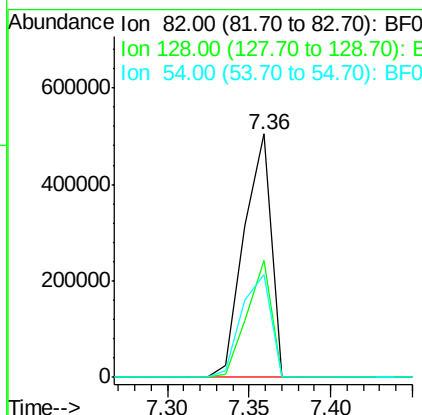
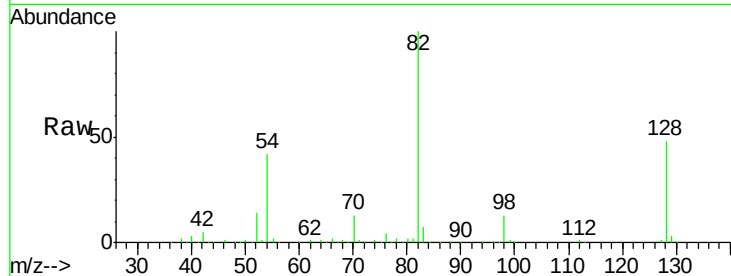
#23
 Nitrobenzene-d5
 Concen: 64.40 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088616.D
 Acq: 2 Jul 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 R5-B4(0-11)C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.9	53.9
54	42.5	40.9	61.3

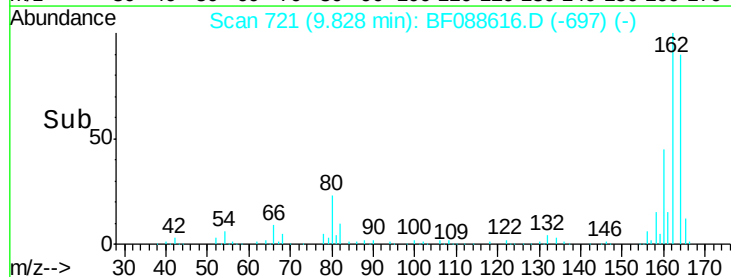
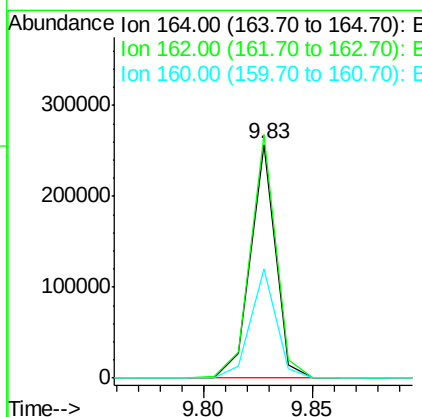
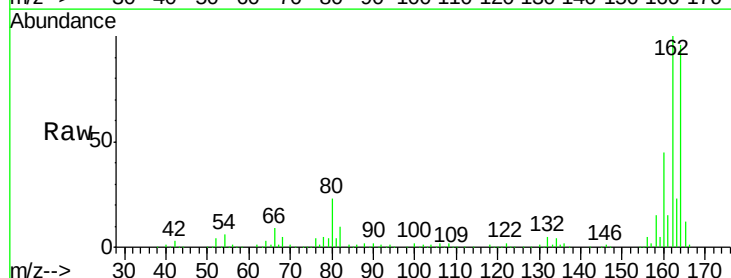
Manual Integrations

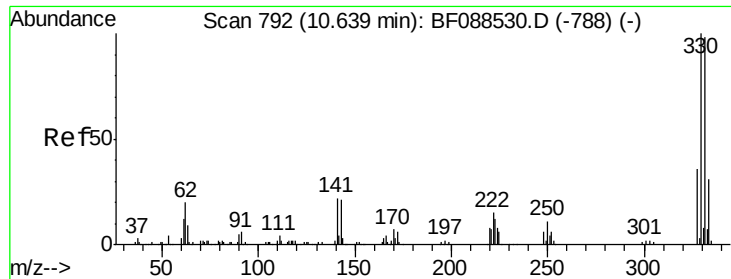
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088616.D
 Acq: 2 Jul 2016 14:44

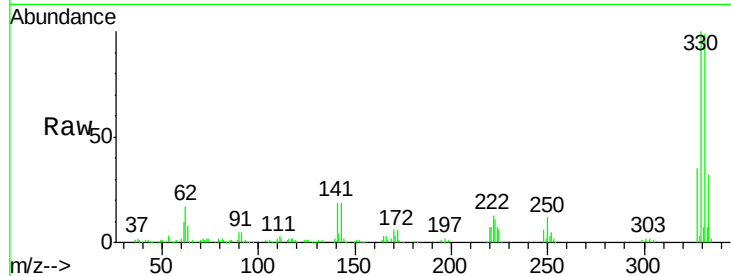
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.9	39.5	59.3





#41
 2,4,6-Tribromophenol
 Concen: 85.73 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088616.D
 Acq: 2 Jul 2016 14:44

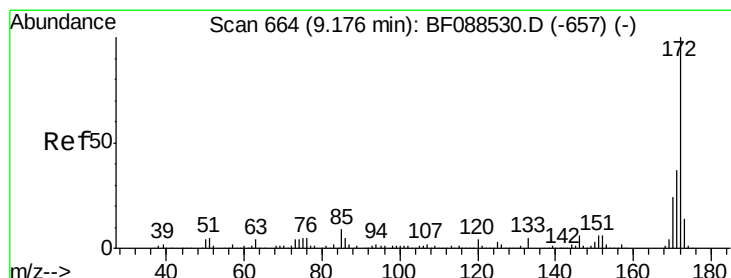
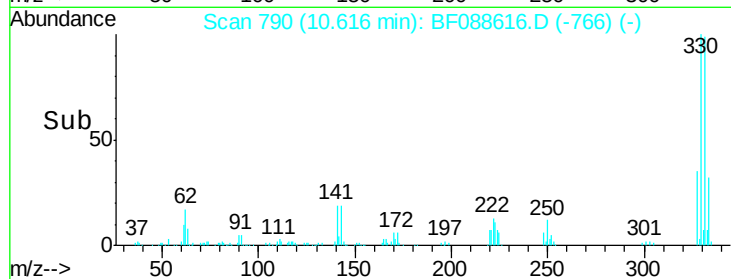
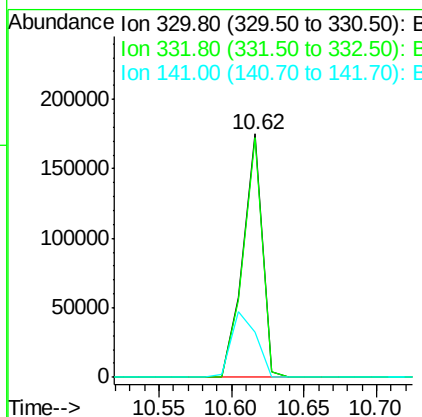
Instrument :
 BNA_F
 ClientSampleId :
 R5-B4(0-11)C



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162883		
332	98.3	0.0	0.0	0.0
141	35.1	0.0	0.0	0.0

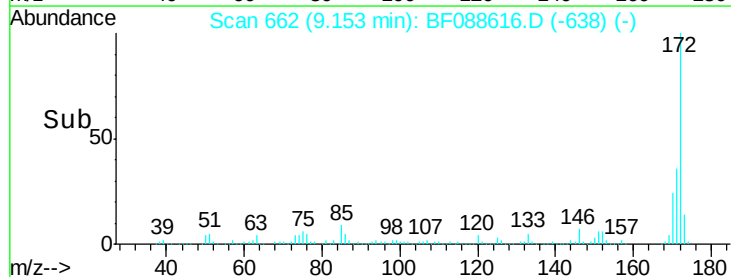
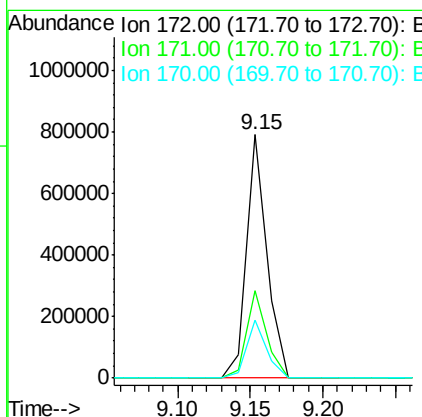
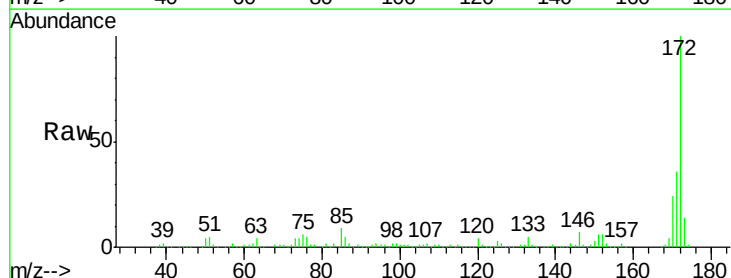
Manual Integrations

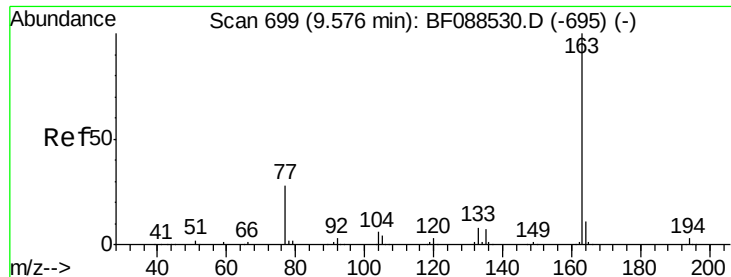
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#44
 2-Fluorobiphenyl
 Concen: 59.22 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088616.D
 Acq: 2 Jul 2016 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	766992		
171	36.1	28.6	43.0	
170	23.9	19.2	28.8	





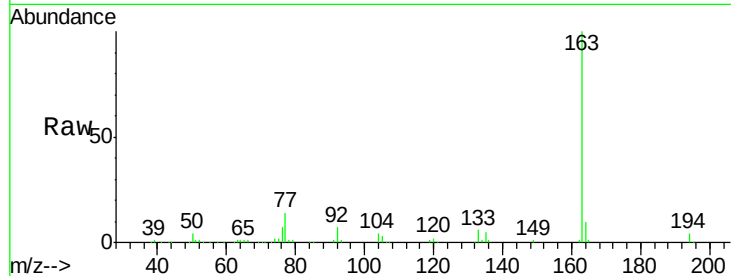
#49
Dimethylphthalate
Concen: 12.40 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088616.D
Acq: 2 Jul 2016 14:44

Instrument :
BNA_F
ClientSampleId :
R5-B4(0-11)C

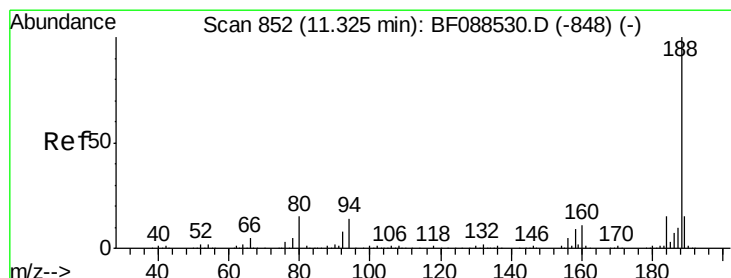
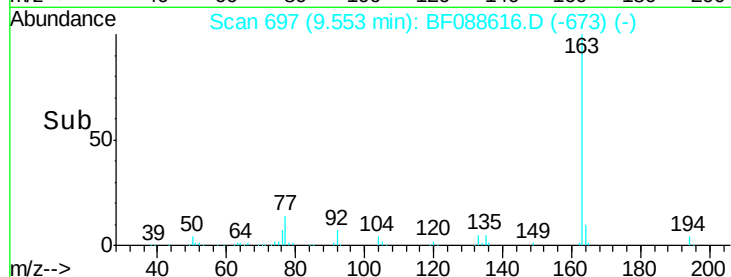
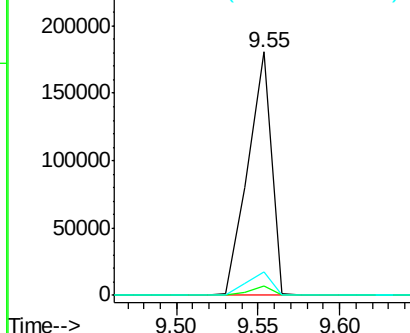
Tgt Ion:163 Resp: 180748
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.8 8.3 12.5

Manual Integrations

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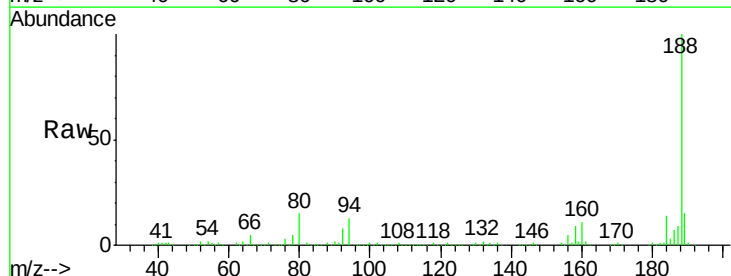


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

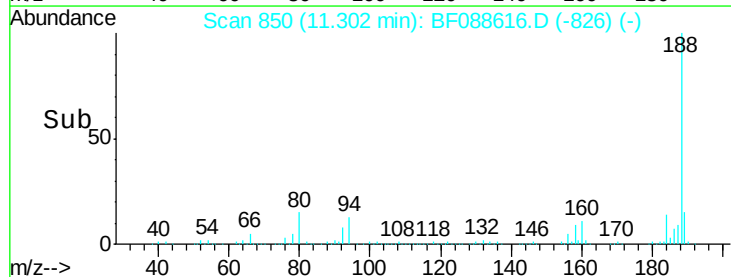
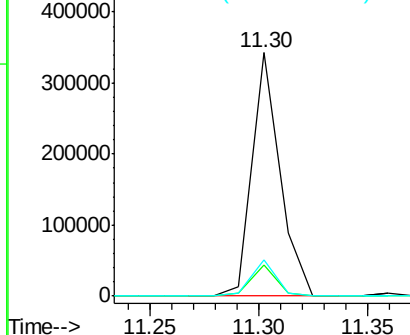


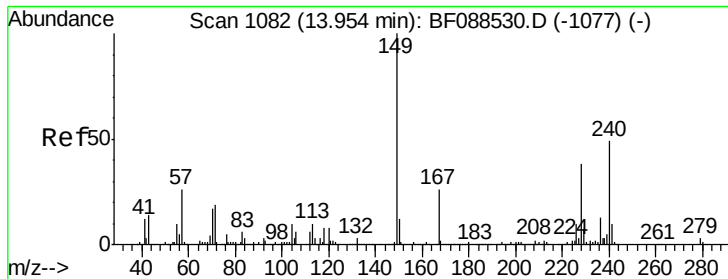
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088616.D
Acq: 2 Jul 2016 14:44

Tgt Ion:188 Resp: 306043
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.6
80 14.9 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088616.D

Acq: 2 Jul 2016 14:44

Instrument :

BNA_F

ClientSampleId :

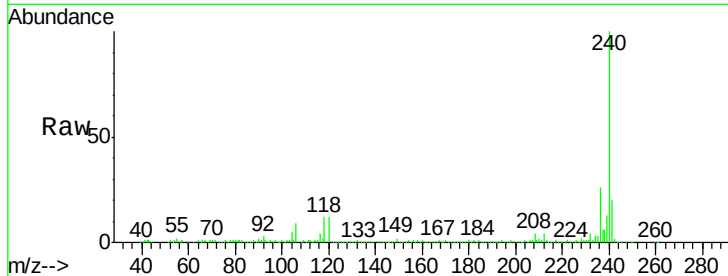
R5-B4(0-11)C

Tgt Ion:	240	Resp:	218874
Ion Ratio	Lower	Upper	
240	100		
120	12.5	6.8	10.2#
236	25.9	20.2	30.2

Manual Integrations

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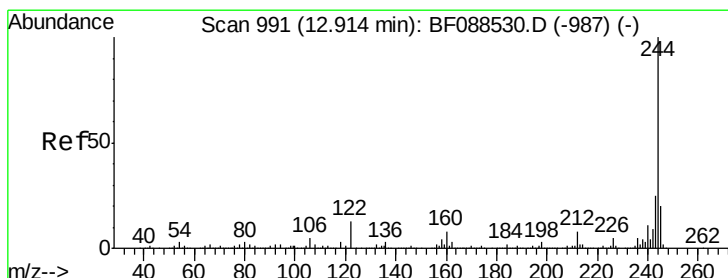
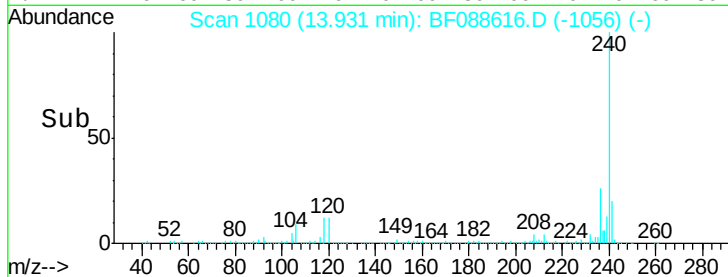
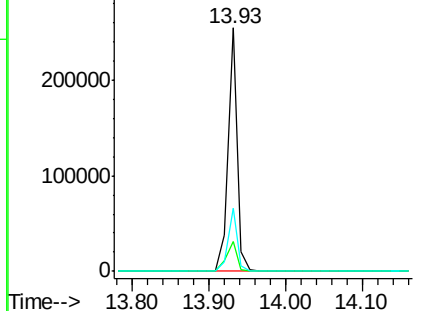
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 54.61 ng

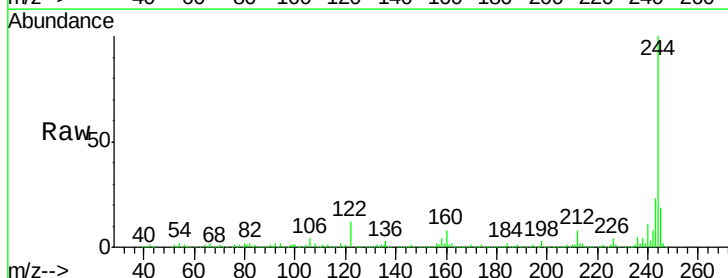
RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088616.D

Acq: 2 Jul 2016 14:44

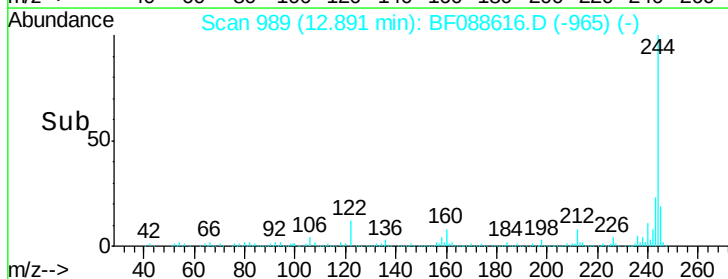
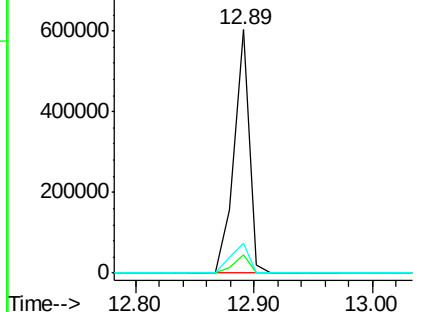
Tgt Ion:	244	Resp:	536646
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	12.1	11.2	16.8

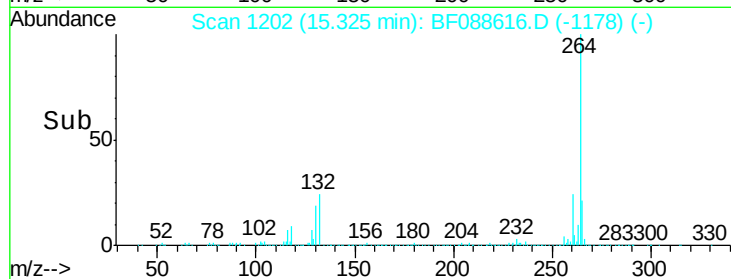
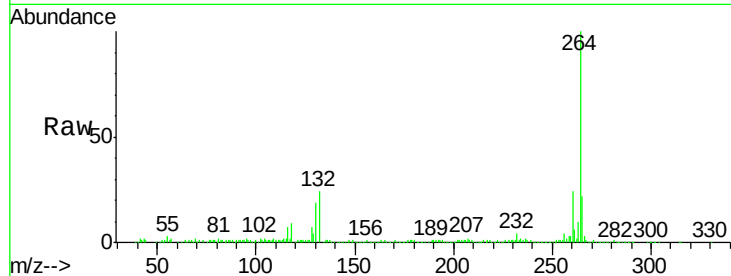
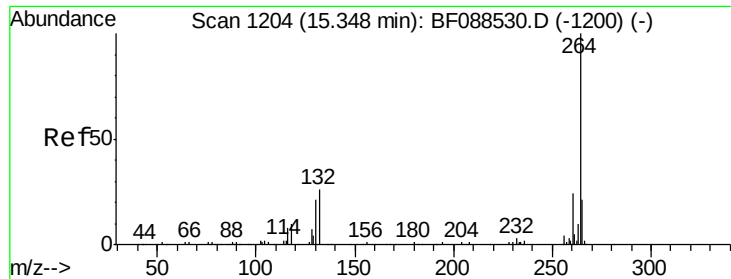


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088616.D
Acq: 2 Jul 2016 14:44

Instrument :
BNA_F
ClientSampleId :
R5-B4(0-11)C

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.2	28.8	
265	21.5	16.9	25.3	

Manual Integrations

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