

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088355.D
 Acq On : 25 Jun 2016 2:38
 Operator : UM/SJ
 Sample : H3644-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Manual Integrations
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Quant Time: Jun 25 05:26:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	72874m	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	282438	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	114932	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	170146	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	153162	20.00	ng	-0.03
86) Perylene-d12	15.07	264	119892	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	368998	86.56	ng	0.00
7) Phenol-d6	6.25	99	491625	95.16	ng	-0.01
23) Nitrobenzene-d5	7.15	82	275171	56.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	76638	63.15	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	538619	72.83	ng	-0.02
78) Terphenyl-d14	12.67	244	359938	53.48	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.35	163	84970	10.21	ng	98
74) Fluoranthene	12.30	202	25598	2.72	ng	99
77) Pyrene	12.52	202	24220	2.13	ng	96

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

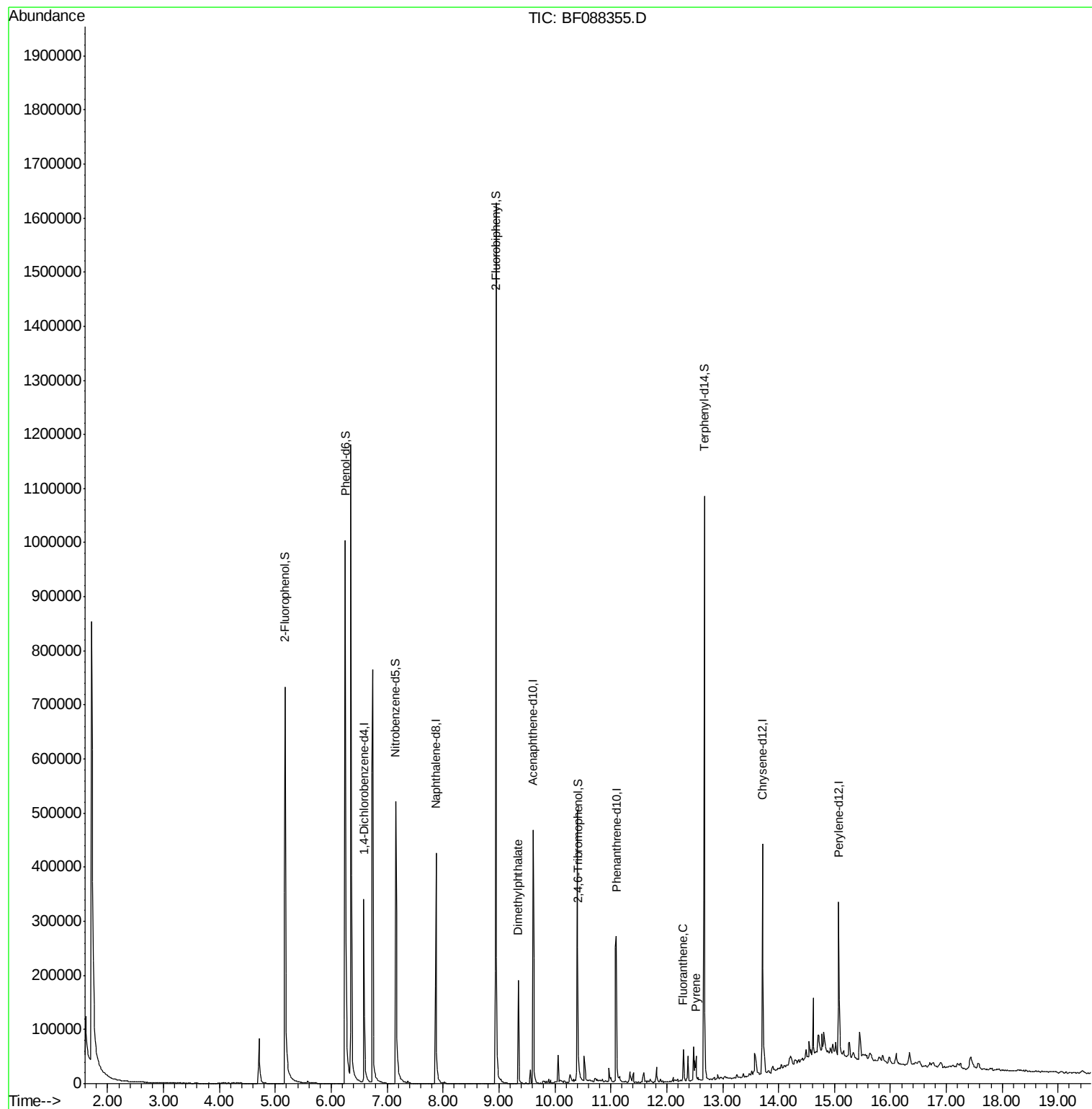
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088355.D
Acq On : 25 Jun 2016 2:38
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#1

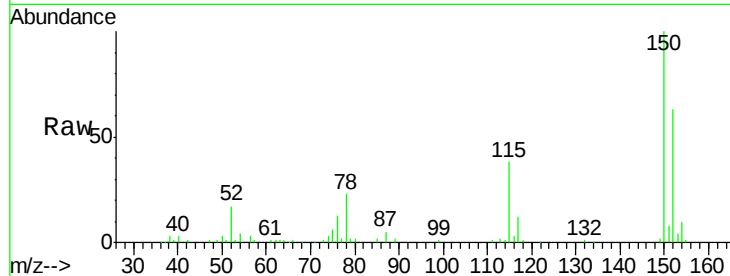
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088355.D
Acq: 25 Jun 2016 2:38

Instrument :
BNA_F
ClientSampleId :
CF-2

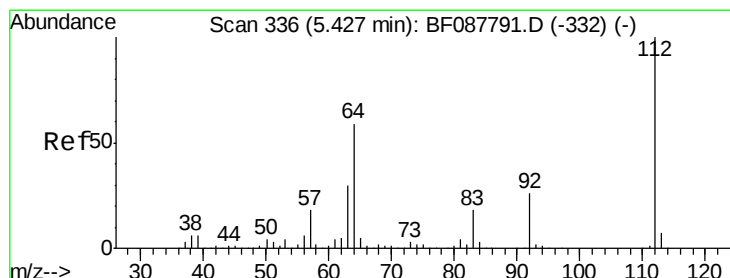
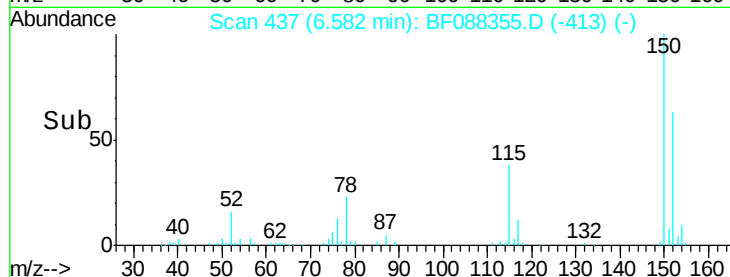
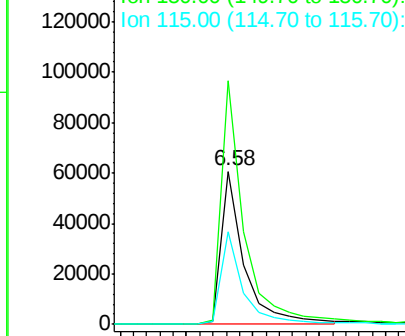
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.8	185.6
115	60.5	39.6	59.4

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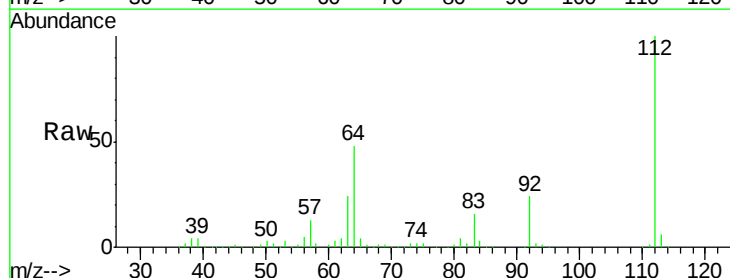
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



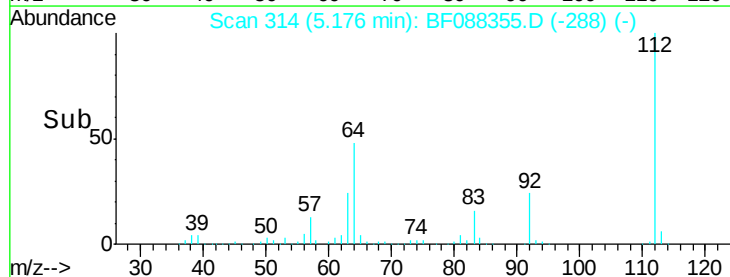
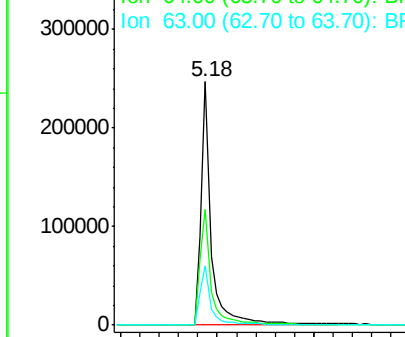
#5

2-Fluorophenol
Concen: 86.56 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF088355.D
Acq: 25 Jun 2016 2:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.7	42.2	63.2
63	24.2	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: 95.16 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088355.D

Acq: 25 Jun 2016 2:38

Instrument :

BNA_F

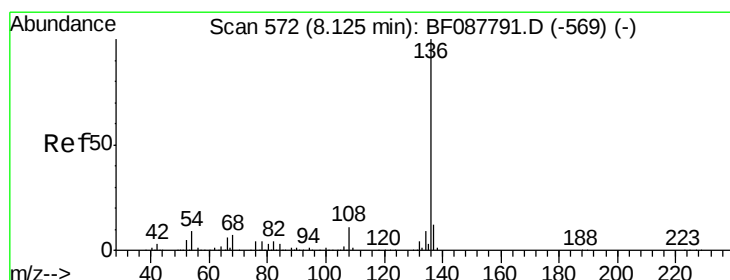
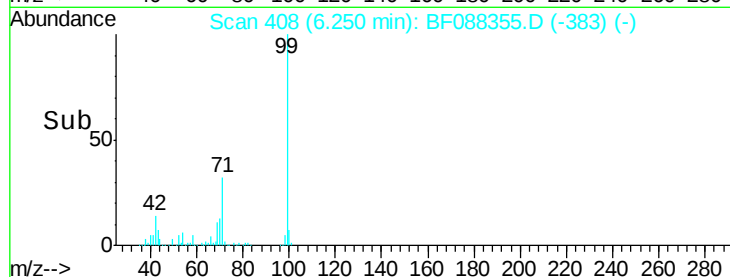
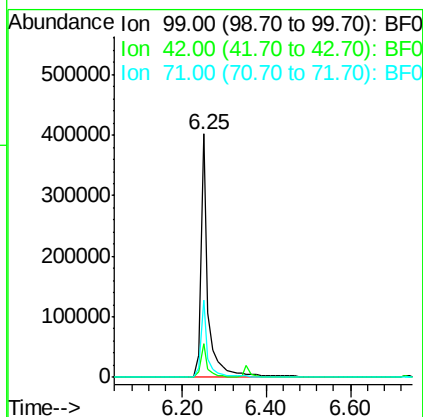
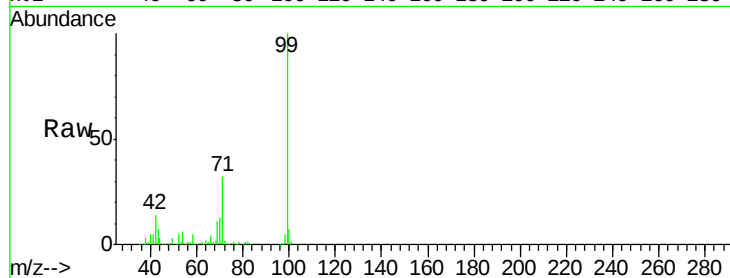
ClientSampled :

CF-2

Tgt Ion:	99	Resp:	491625
Ion Ratio	Lower	Upper	
99	100		
42	14.0	12.2	18.2
71	31.7	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

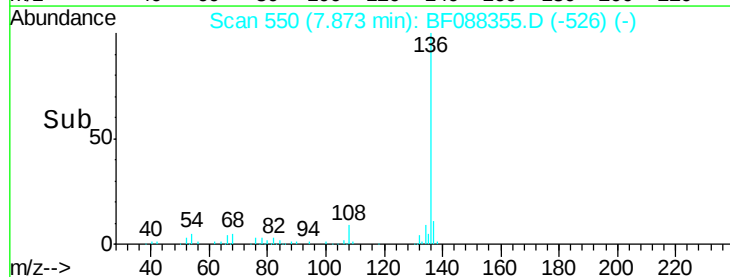
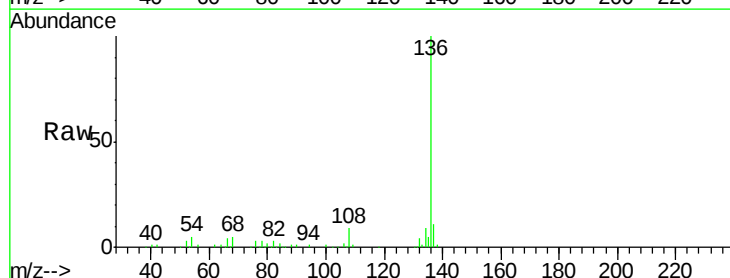
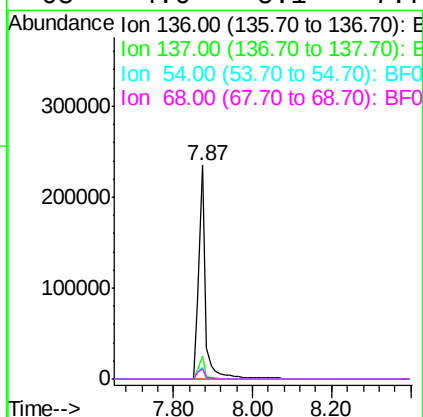
RT: 7.87 min Scan# 550

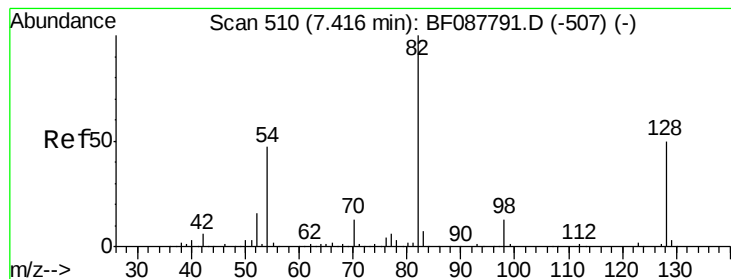
Delta R.T. -0.02 min

Lab File: BF088355.D

Acq: 25 Jun 2016 2:38

Tgt Ion:	136	Resp:	282438
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	5.1	6.6	10.0#
68	4.6	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 56.89 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF088355.D

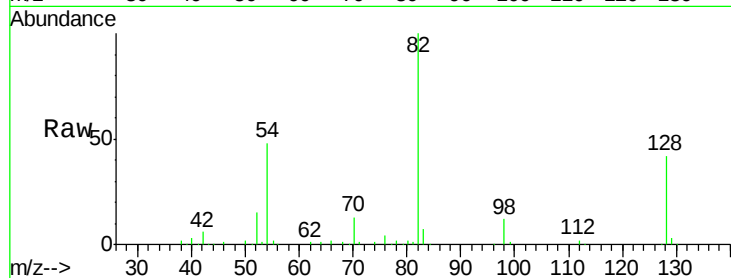
Acq: 25 Jun 2016 2:38

Instrument :

BNA_F

ClientSampled :

CF-2



Tgt Ion: 82 Resp: 275171

Ion Ratio Lower Upper

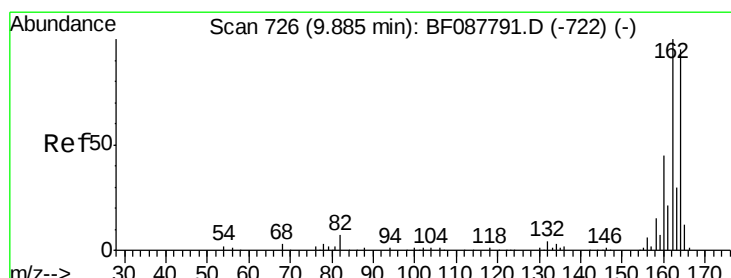
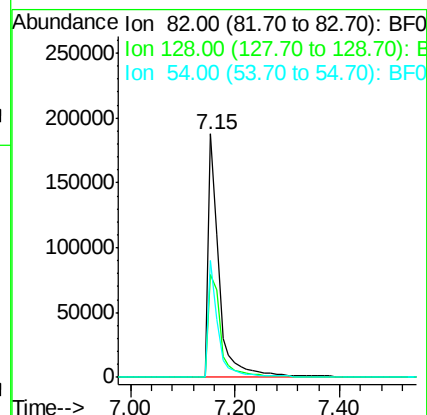
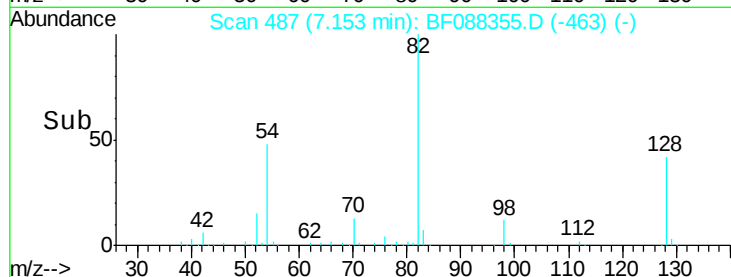
82 100

128 42.3 35.9 53.9

54 47.9 40.9 61.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF088355.D

Acq: 25 Jun 2016 2:38

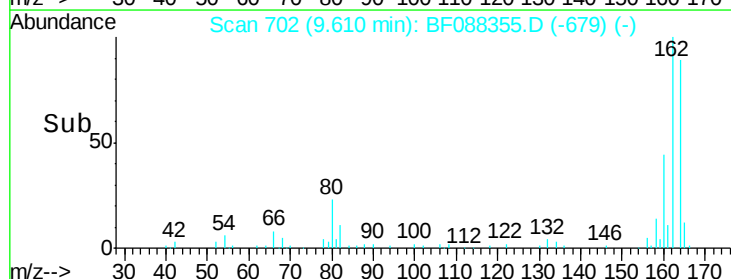
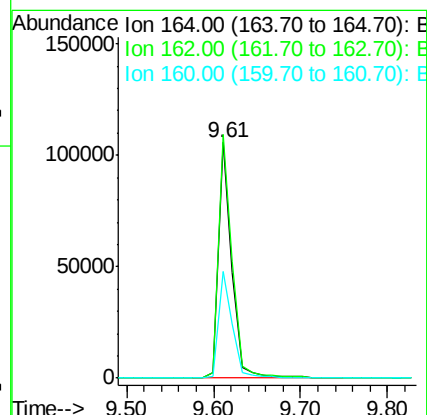
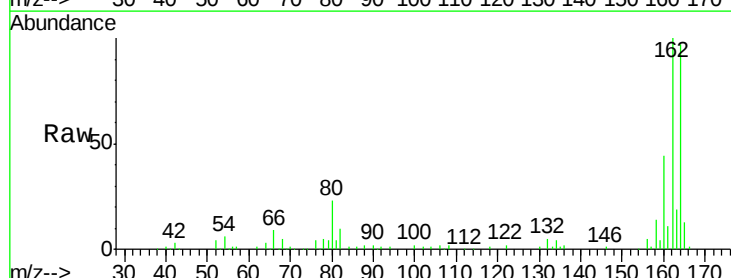
Tgt Ion: 164 Resp: 114932

Ion Ratio Lower Upper

164 100

162 103.3 85.4 128.2

160 45.5 39.5 59.3





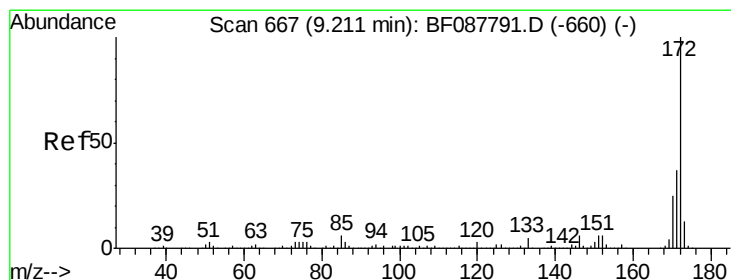
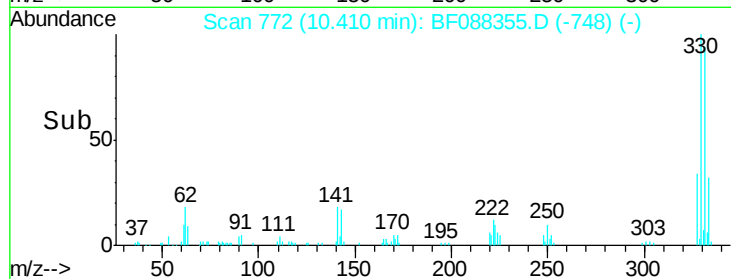
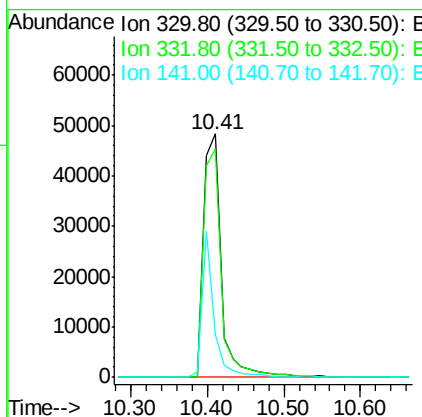
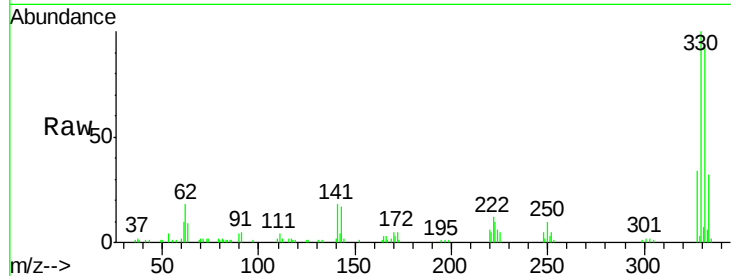
#41
 2,4,6-Tribromophenol
 Concen: 63.15 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088355.D
 Acq: 25 Jun 2016 2:38

Instrument :
 BNA_F
 ClientSampled :
 CF-2

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	39.6	0.0	0.0#

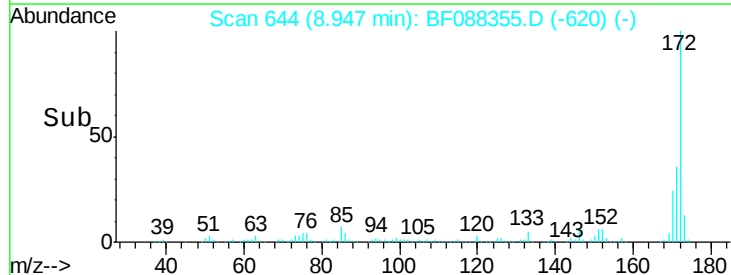
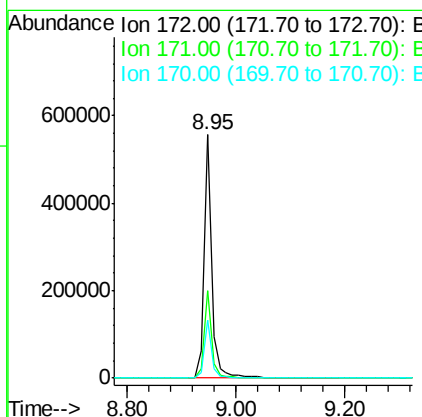
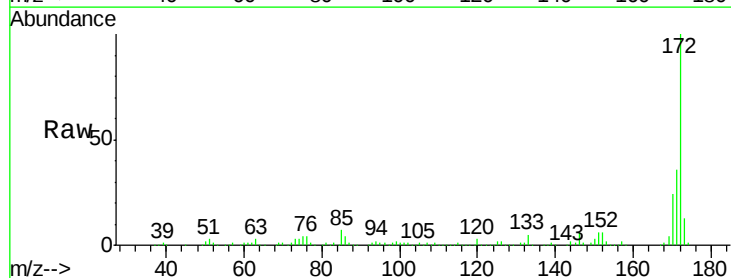
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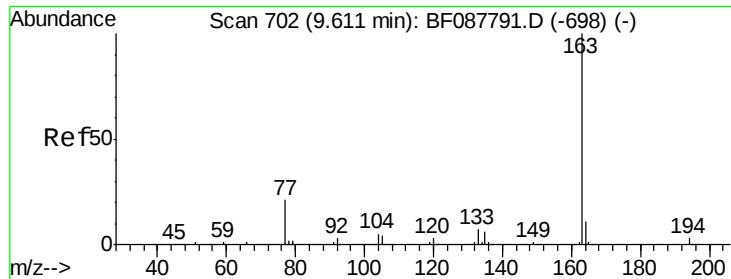
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#44
 2-Fluorobiphenyl
 Concen: 72.83 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088355.D
 Acq: 25 Jun 2016 2:38

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.7	19.2	28.8





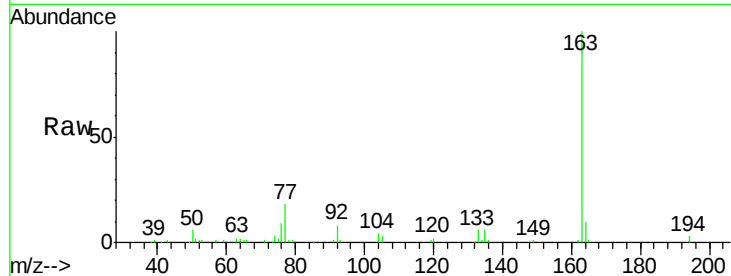
#49
Dimethylphthalate
Concen: 10.21 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088355.D
Acq: 25 Jun 2016 2:38

Instrument :
BNA_F
ClientSampled :
CF-2

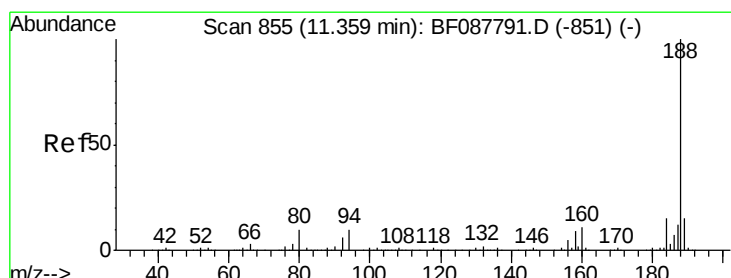
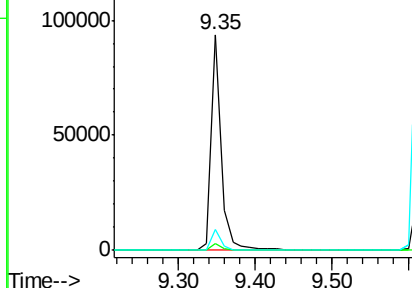
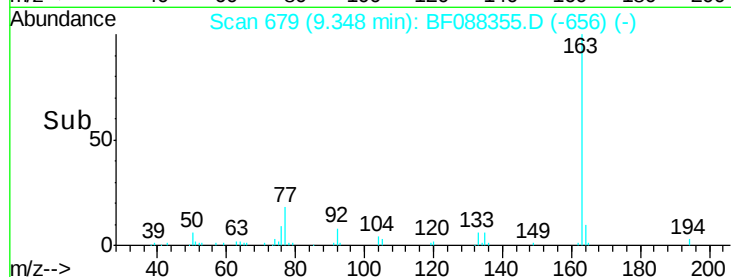
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84970		
194	3.1	2.8	4.2	
164	9.6	8.3	12.5	

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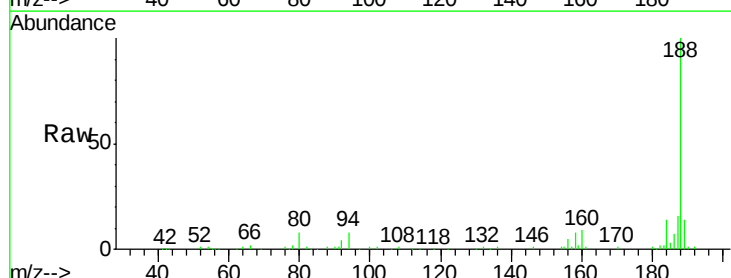


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

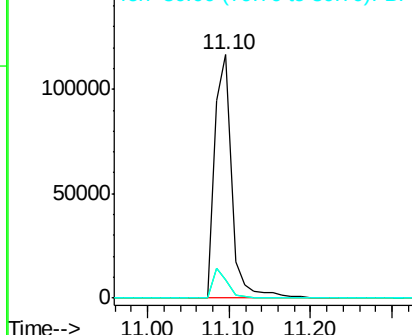
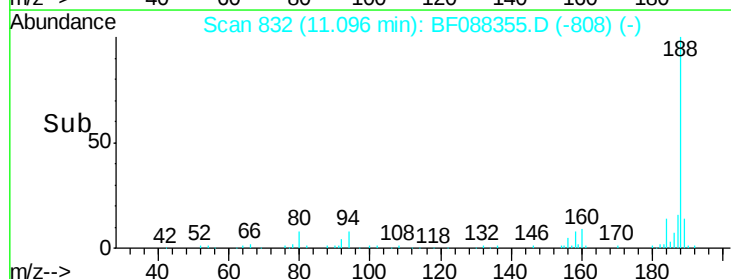


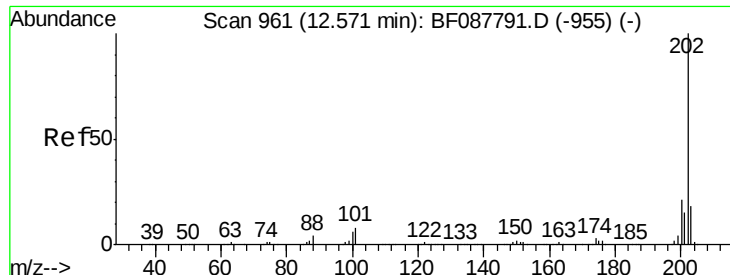
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088355.D
Acq: 25 Jun 2016 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	170146		
94	7.5	9.0	13.6#	
80	7.8	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





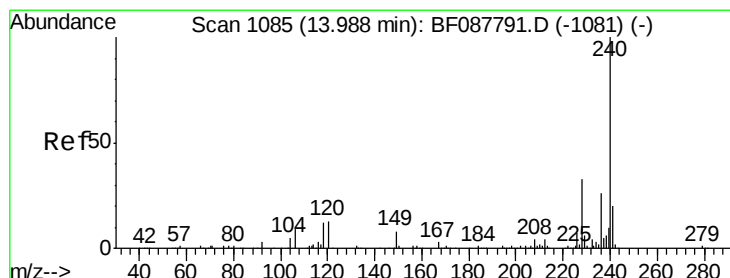
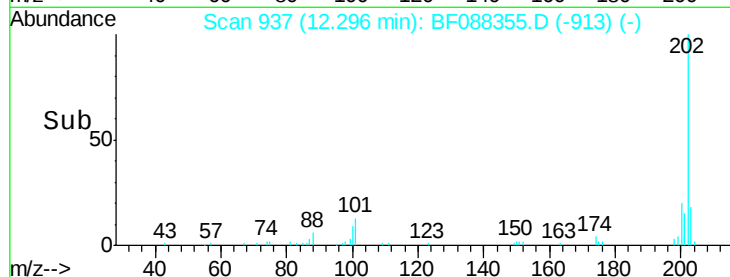
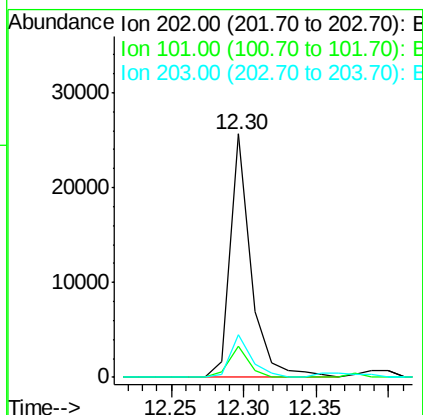
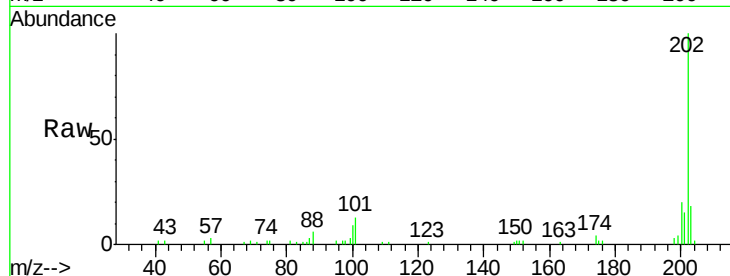
#74
 Fluoranthene
 Concen: 2.72 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF088355.D
 Acq: 25 Jun 2016 2:38

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.1
203	17.5	0.0	38.1

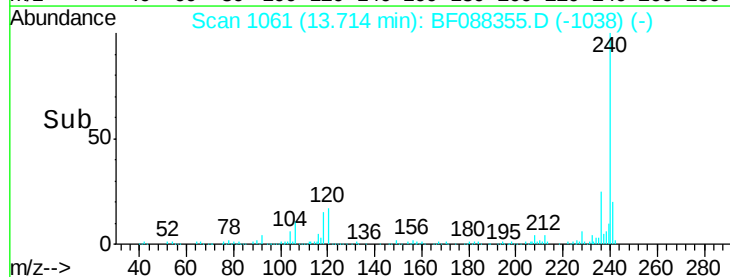
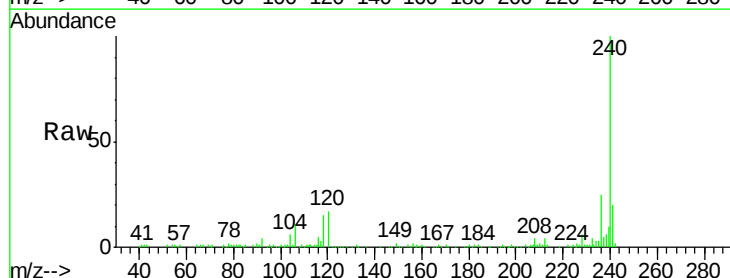
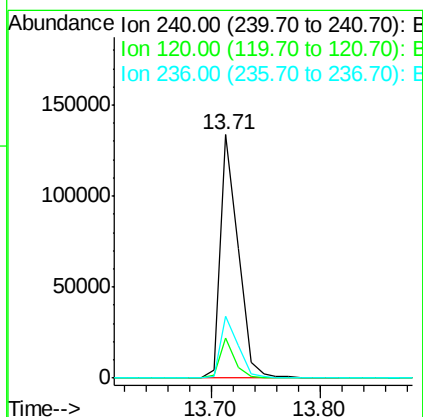
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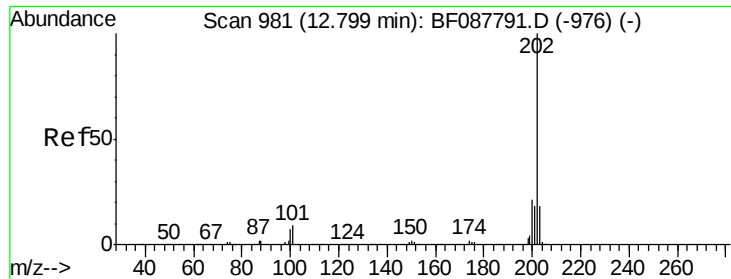
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF088355.D
 Acq: 25 Jun 2016 2:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.5	6.8	10.2#
236	25.4	20.2	30.2





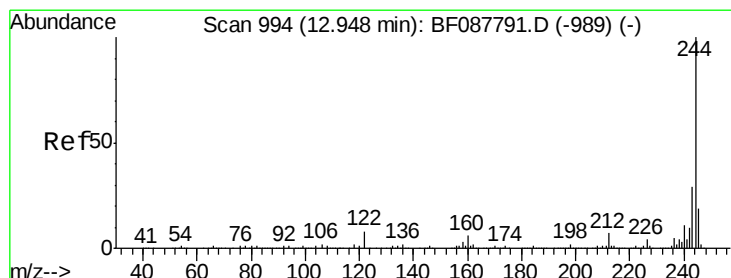
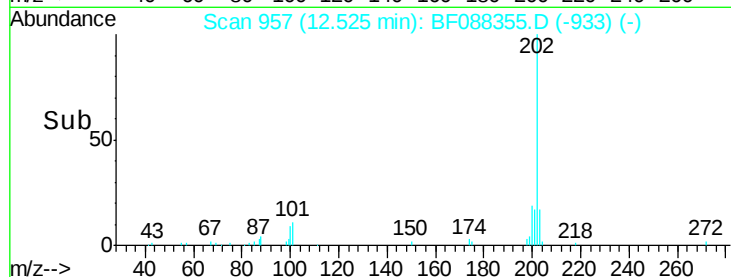
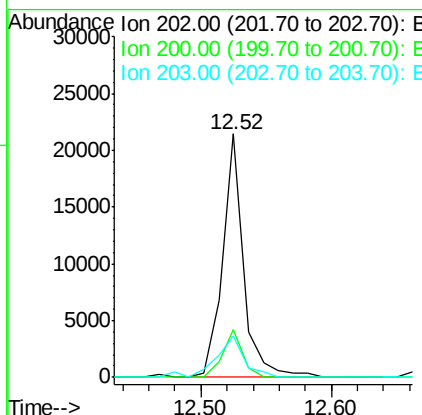
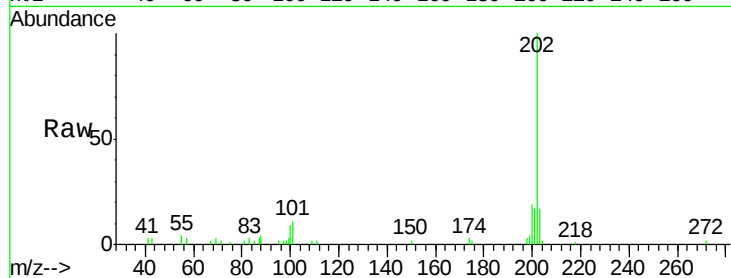
#77
 Pyrene
 Concen: 2.13 ng
 RT: 12.52 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BF088355.D
 Acq: 25 Jun 2016 2:38

Instrument :
 BNA_F
 ClientSampled :
 CF-2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.0	14.5	21.7

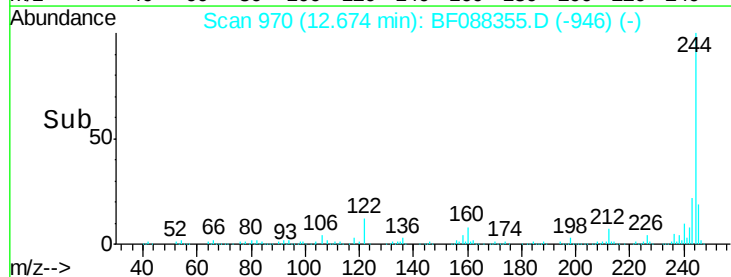
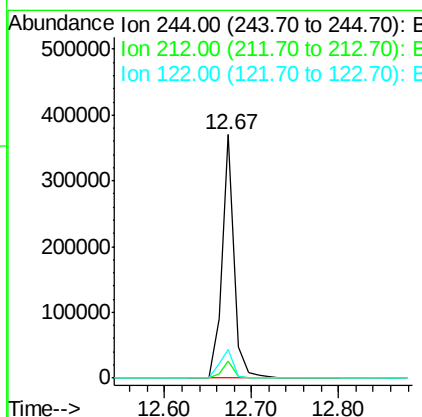
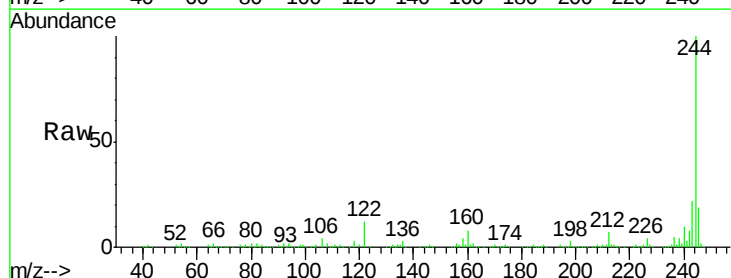
Manual Integrations
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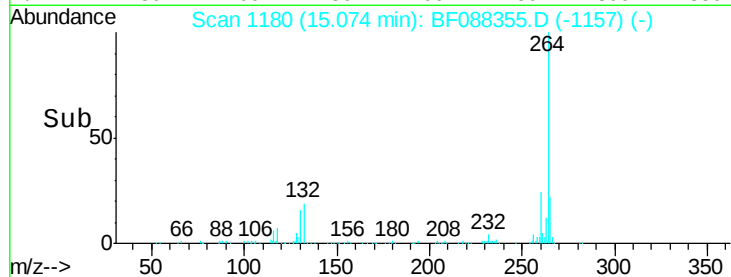
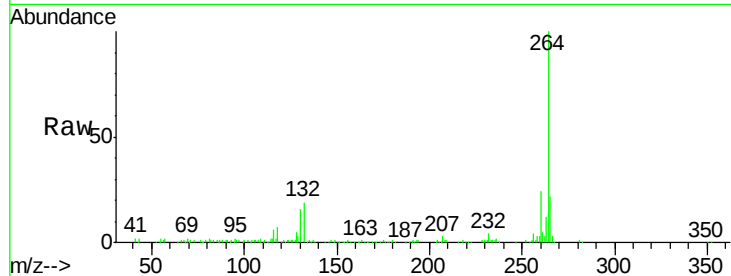
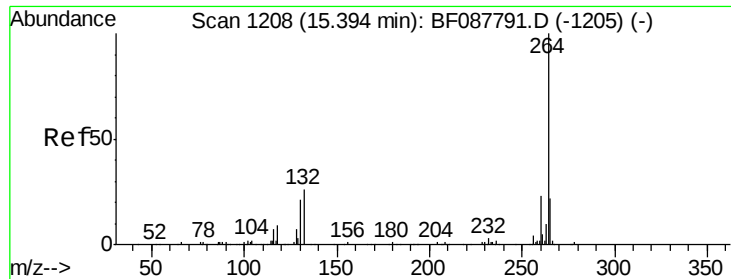
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#78
 Terphenyl-d14
 Concen: 53.48 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088355.D
 Acq: 25 Jun 2016 2:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.9	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088355.D
Acq: 25 Jun 2016 2:38

Instrument :
BNA_F
ClientSampleId :
CF-2

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.6	19.2	28.8		
265	21.6	16.9	25.3		

Manual Integrations
APPROVED

sohil
6/27/2016 8:13:30 PM

