

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090265.D
 Acq On : 27 Sep 2016 21:22
 Operator : UM/SJ
 Sample : H4949-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-2-LOC-2(10-15)

Manual Integrations
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Quant Time: Sep 28 11:33:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	136103m	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	519469m	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	275994	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	368409	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	287093	20.00	ng	-0.02
86) Perylene-d12	14.90	264	270391	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	941369	112.74	ng	0.01
7) Phenol-d6	6.14	99	1224301	118.73	ng	0.00
23) Nitrobenzene-d5	7.05	82	788357	87.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	232962	98.39	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1240336	88.23	ng	-0.01
78) Terphenyl-d14	12.55	244	647042	57.22	ng	-0.01
Target Compounds						
10) Phenol	6.15	94	28707m	2.35	ng	Qvalue
49) Dimethylphthalate	9.24	163	633158	36.02	ng	99
74) Fluoranthene	12.16	202	45719	2.47	ng	99
77) Pyrene	12.39	202	46682	2.38	ng	97

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

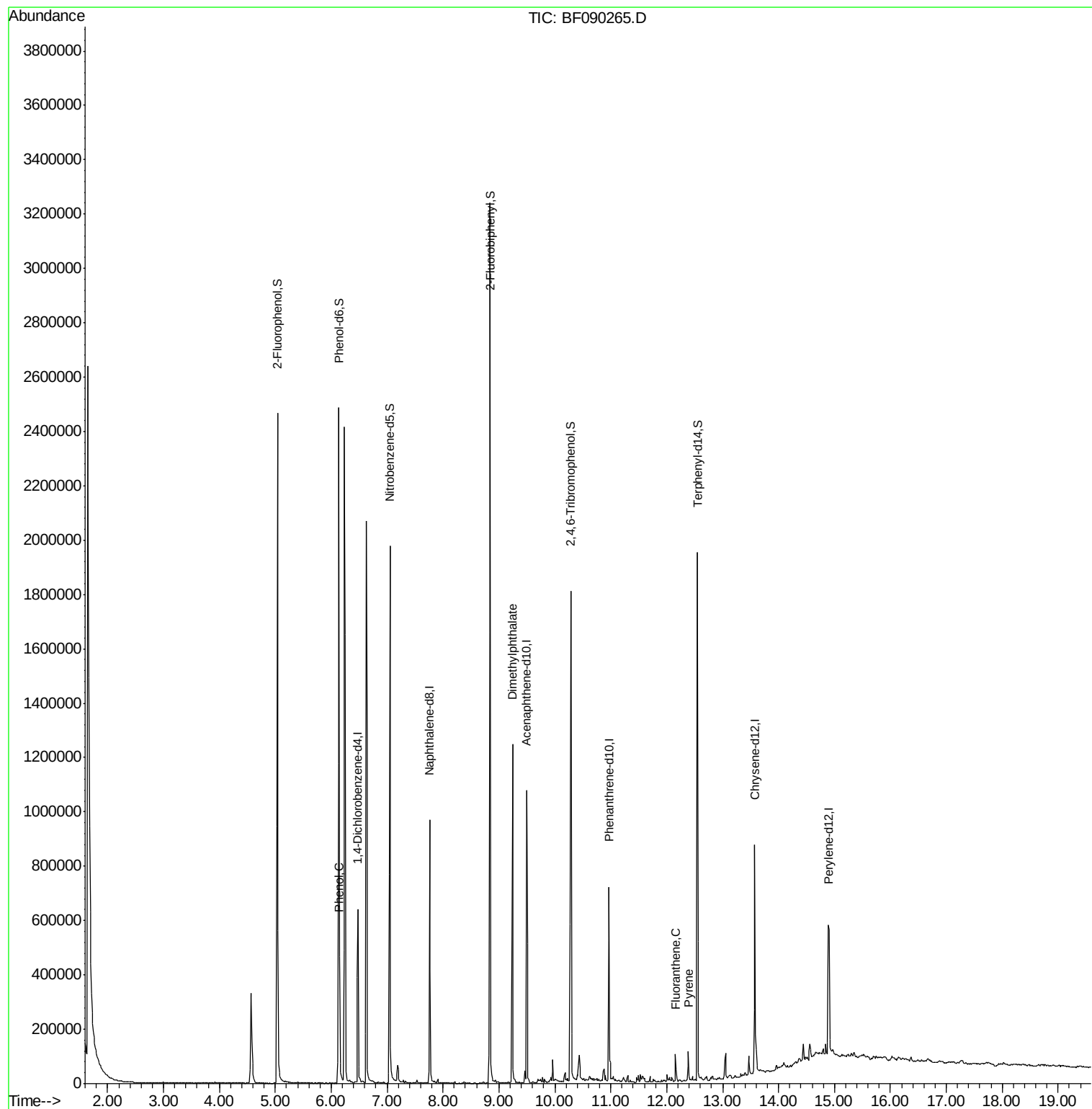
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090265.D
Acq On : 27 Sep 2016 21:22
Operator : UM/SJ
Sample : H4949-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

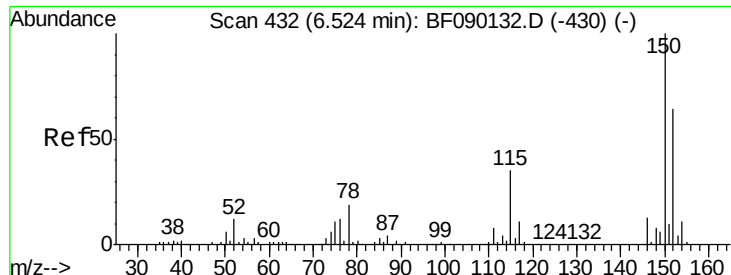
Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Manual Integrations
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Quant Time: Sep 28 11:33:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
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#1

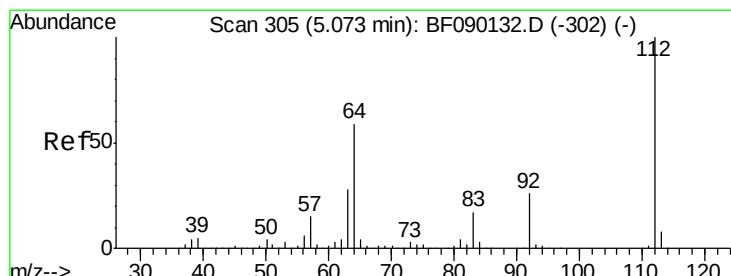
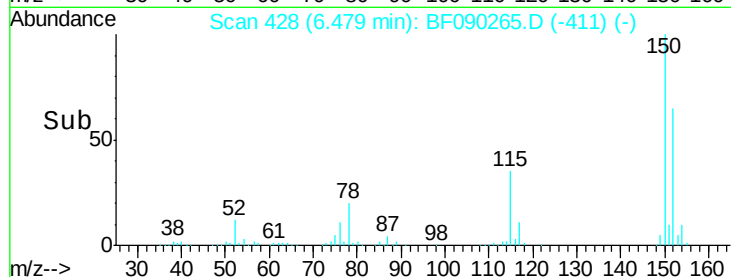
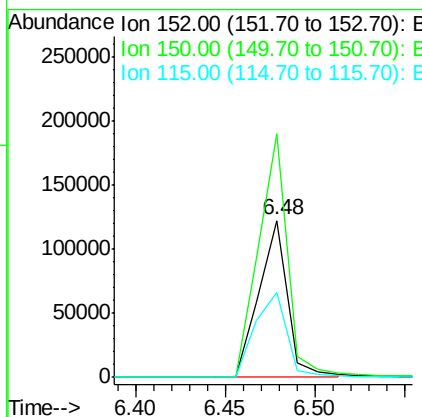
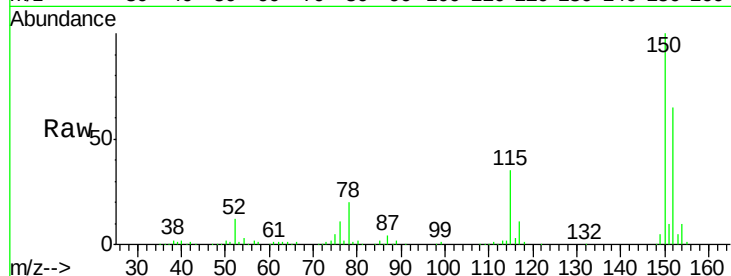
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.9	193.3
115	54.4	55.5	83.3

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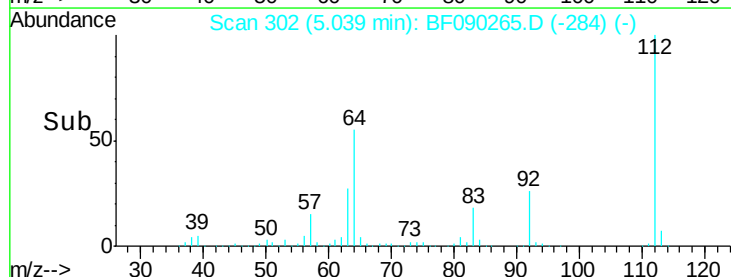
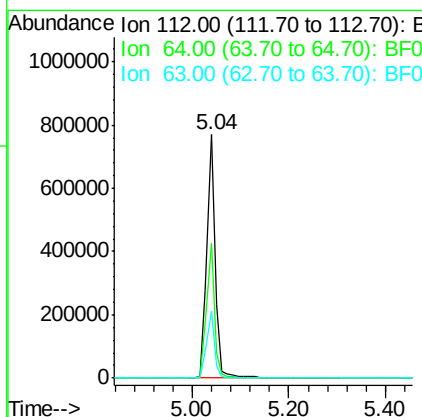
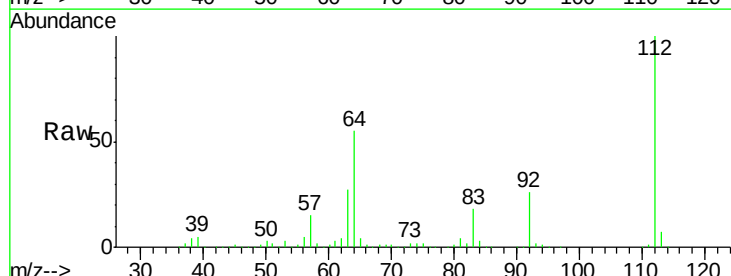
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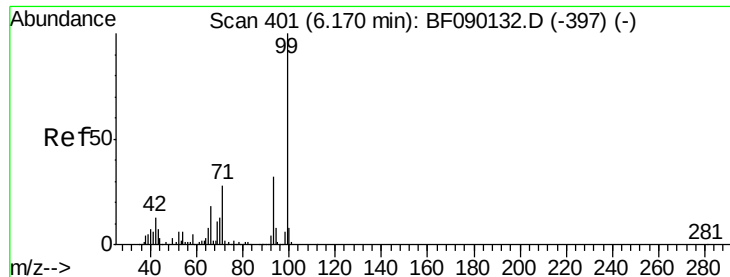


#5

2-Fluorophenol
Concen: 112.74 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.8	59.6
63	27.3	18.9	28.3





#7

Phenol-d6

Concen: 118.73 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Instrument :

BNA_F

ClientSampleId :

S-2-2-LOC-2(10-15)

Tot Ion: 99 Resp: 1224301

Ion Ratio Lower Upper

99 100

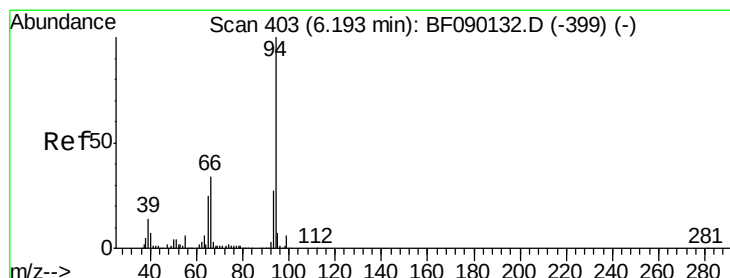
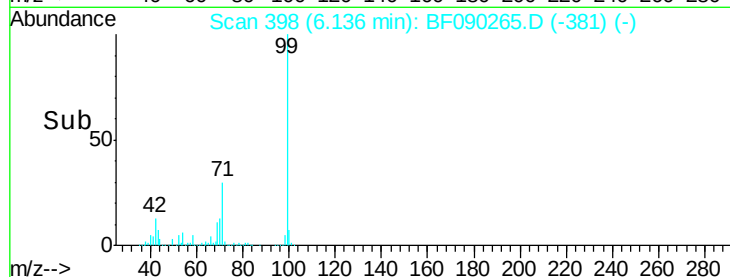
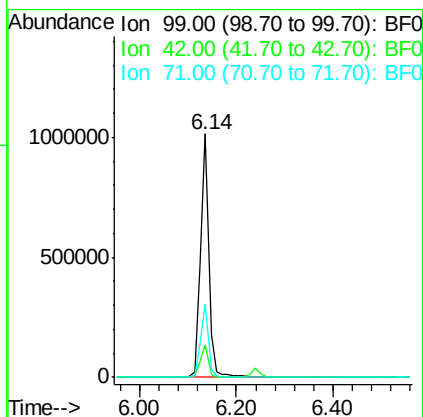
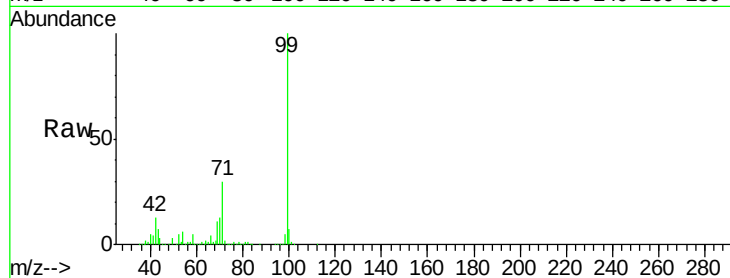
42 13.2 10.6 15.8

71 30.3 23.0 34.6

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#10

Phenol

Concen: 2.35 ng m

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

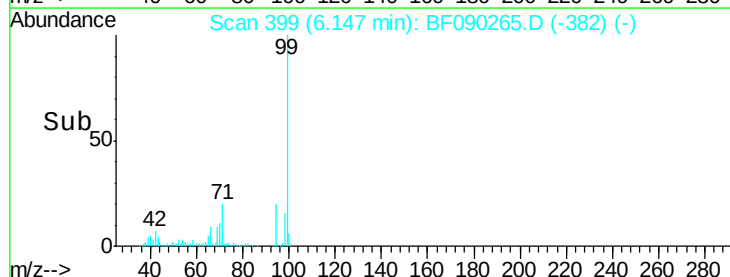
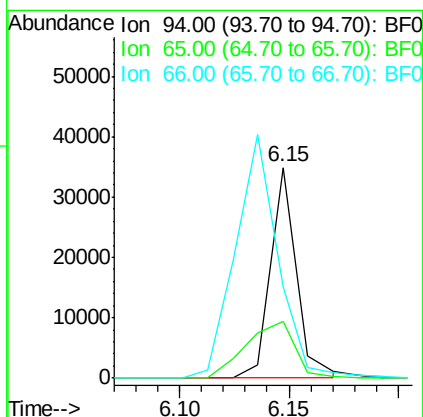
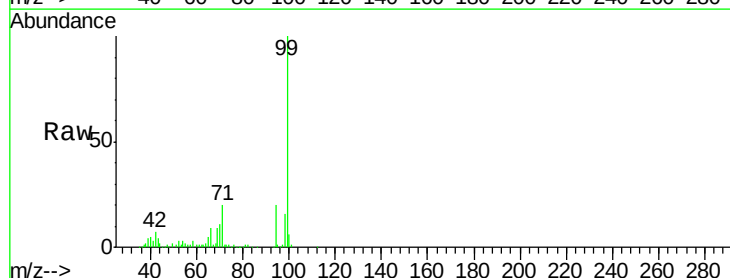
Tgt Ion: 94 Resp: 28707

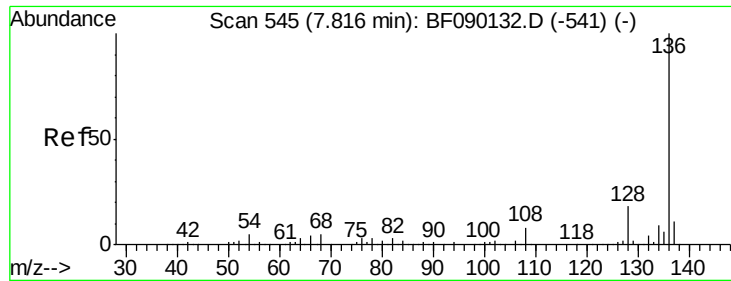
Ion Ratio Lower Upper

94 100

65 27.0 20.6 60.6

66 43.4 45.1 85.1#





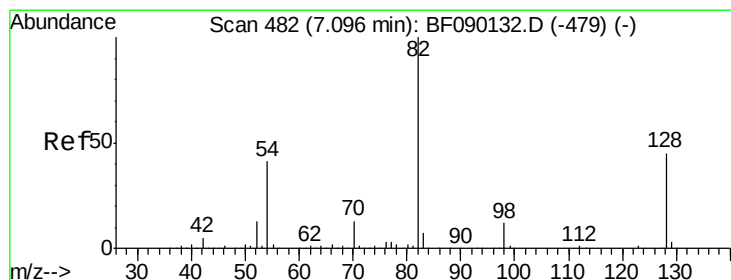
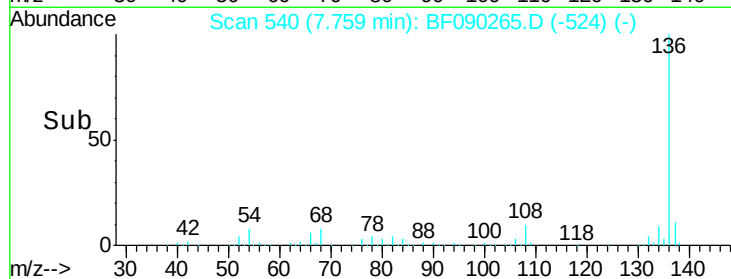
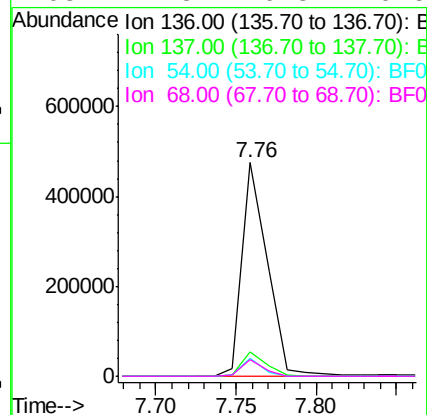
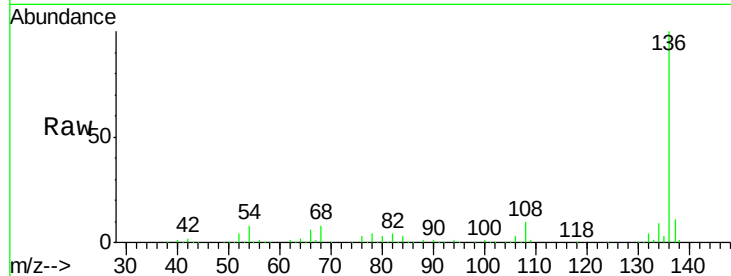
#21
Naphthalene-d8
Concen: 20.00 ng/mL
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	519469		
137	11.5		9.0	13.4
54	8.4		6.4	9.6
68	7.8		6.3	9.5

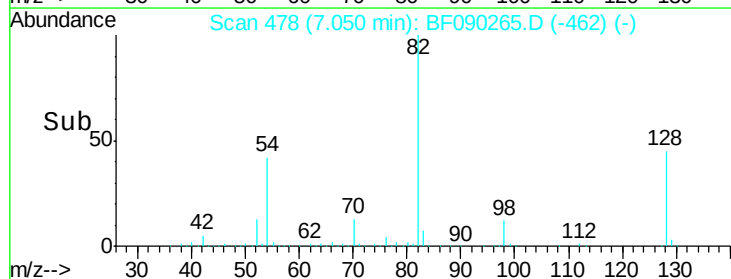
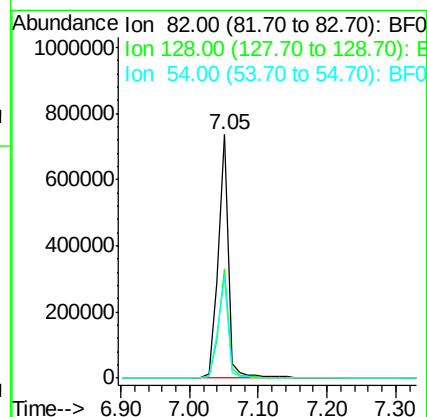
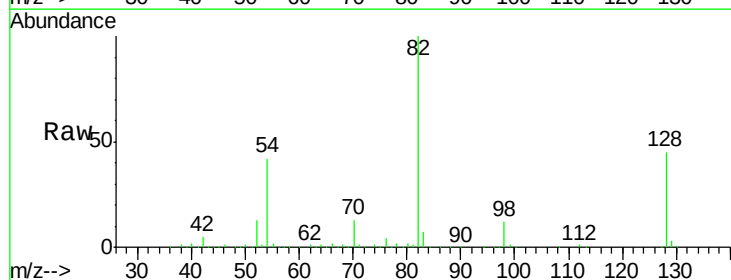
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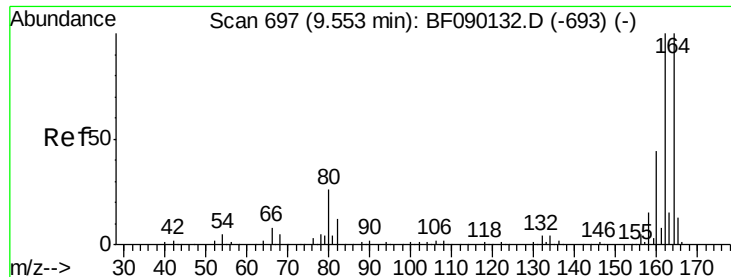
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#23
Nitrobenzene-d5
Concen: 87.97 ng/mL
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	788357		
128	45.1		37.5	56.3
54	41.9		31.9	47.9





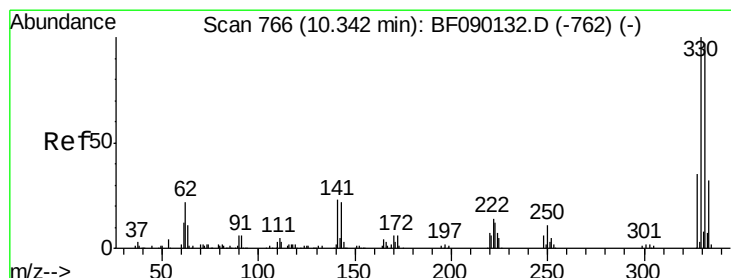
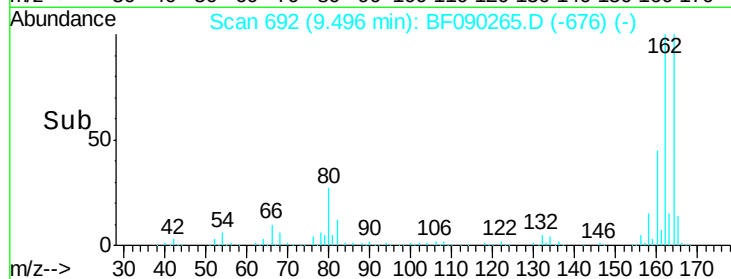
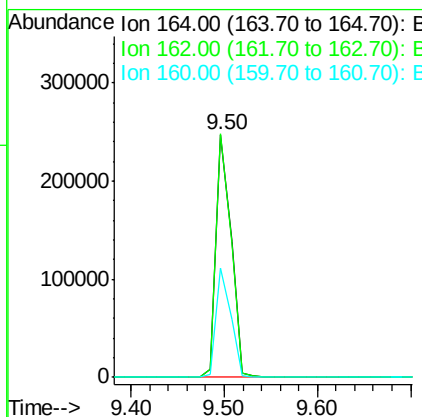
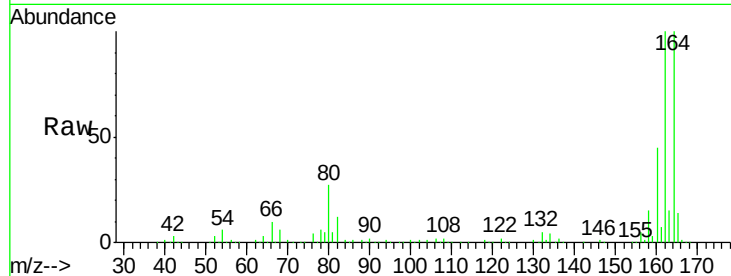
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	275994		
162	100.2	81.4	122.2	
160	45.0	36.6	54.8	

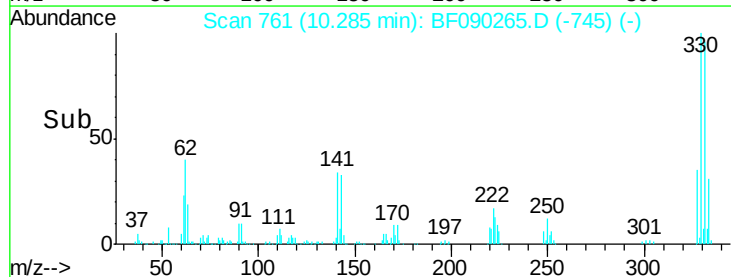
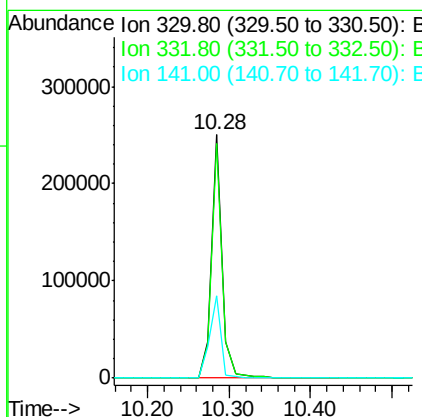
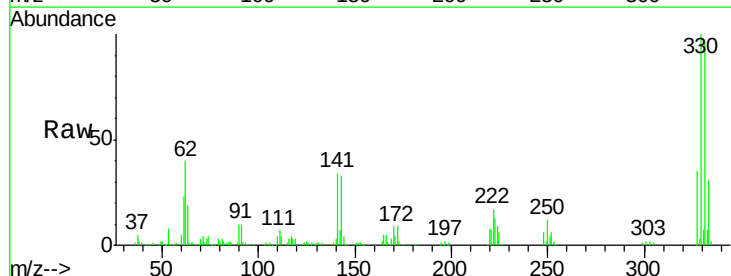
Manual Integrations
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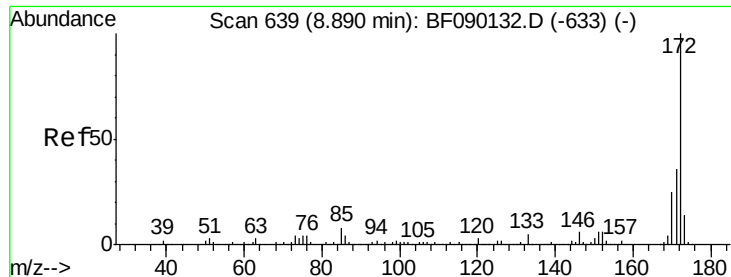
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#41
2,4,6-Tribromophenol
Concen: 98.39 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232962		
332	96.6	78.1	117.1	
141	37.2	23.9	35.9#	





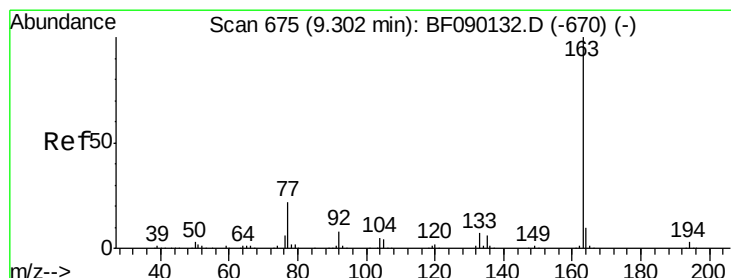
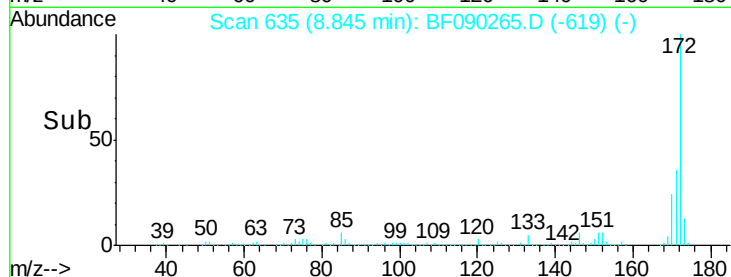
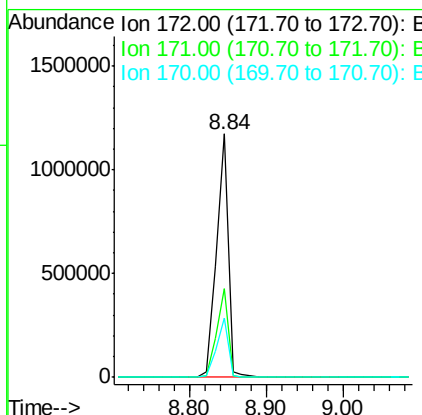
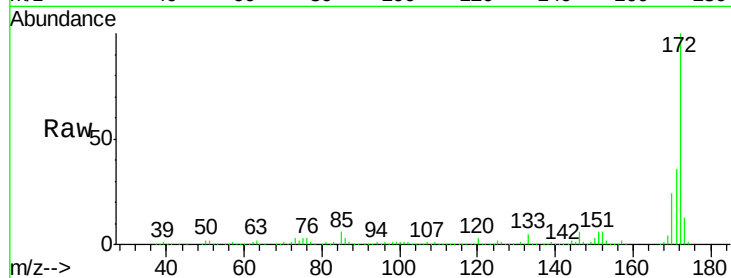
#44
2-Fluorobiphenyl
Concen: 88.23 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.4	19.8	29.8

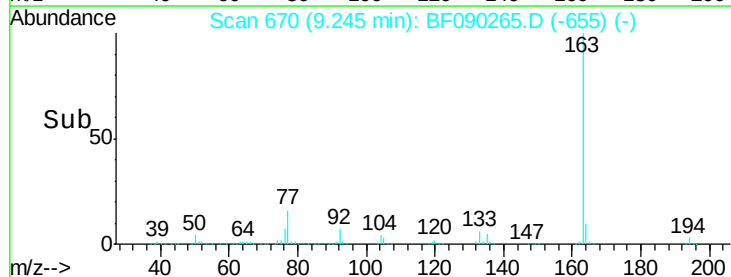
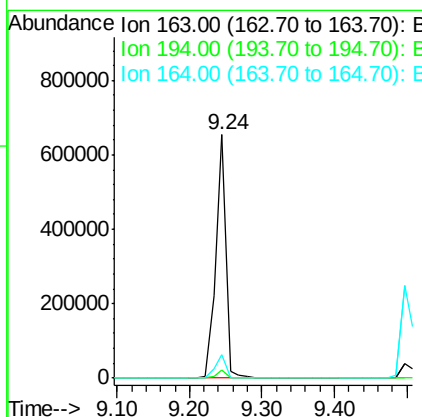
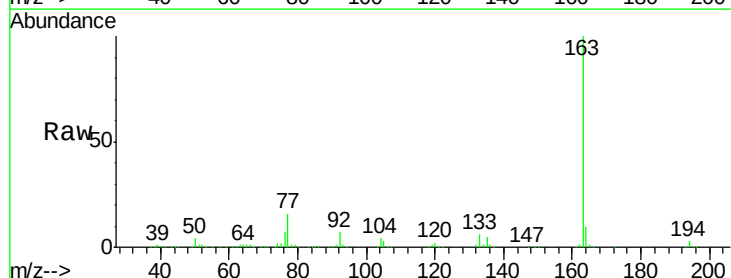
Manual Integrations
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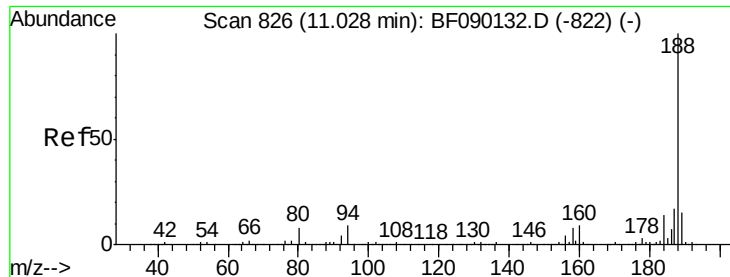
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#49
Dimethylphthalate
Concen: 36.02 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.8	8.1	12.1





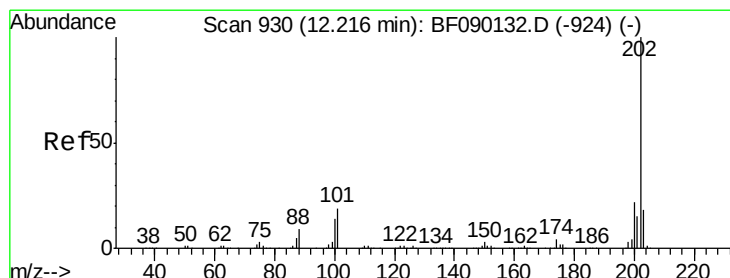
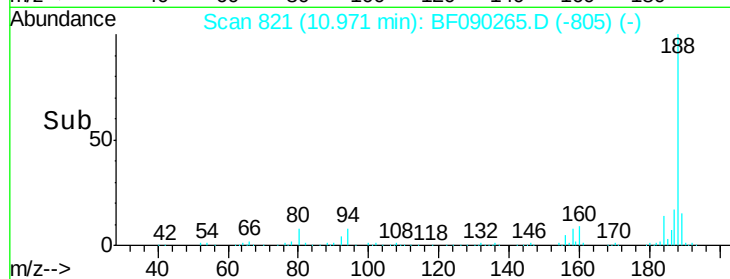
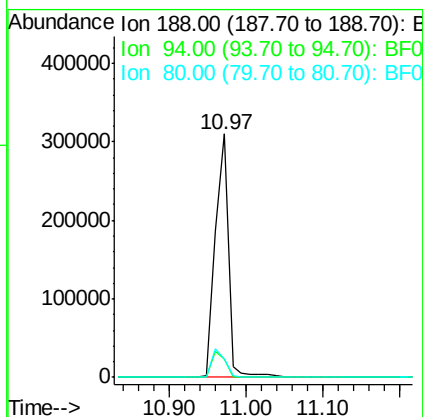
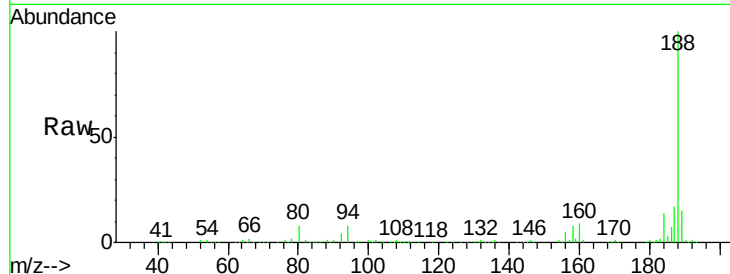
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	368409		
94	7.6	10.5	15.7#	
80	7.8	11.2	16.8#	

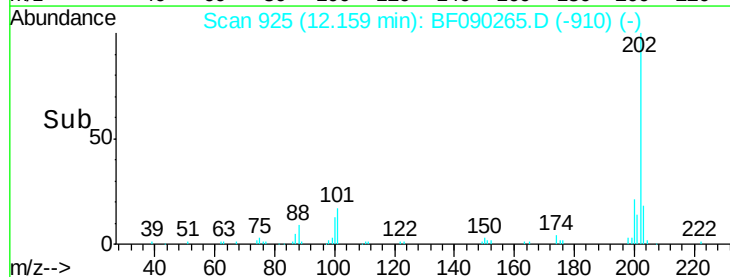
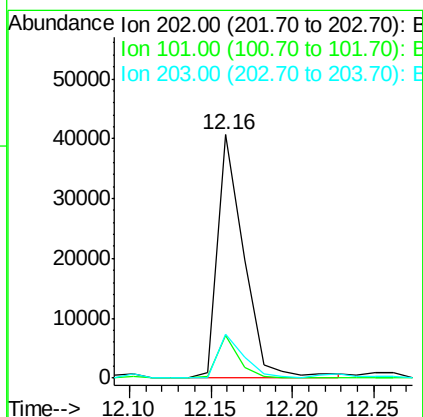
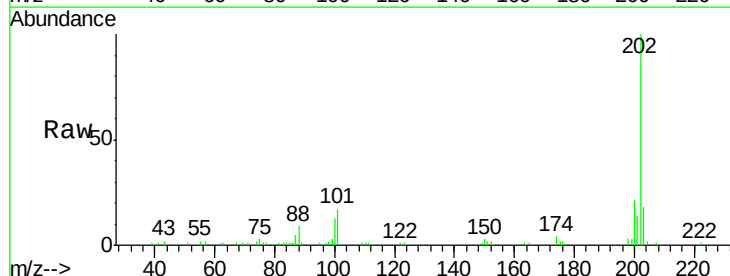
Manual Integrations
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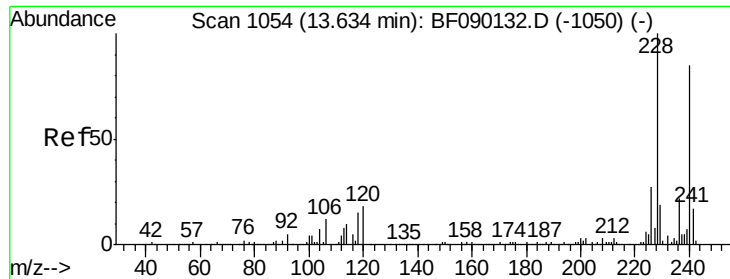
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#74
Fluoranthene
Concen: 2.47 ng
RT: 12.16 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45719		
101	17.4	0.0	36.1	
203	18.2	0.0	38.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Instrument :

BNA_F

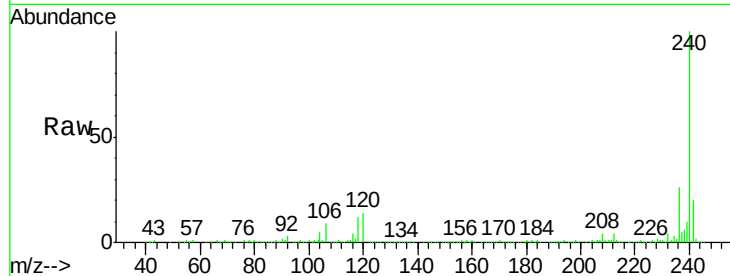
ClientSampleId :

S-2-2-LOC-2(10-15)

Tot Ion:	240	Resp:	287093
Ion Ratio	Lower	Upper	
240	100		
120	14.1	10.6	16.0
236	25.8	21.6	32.4

Manual Integrations
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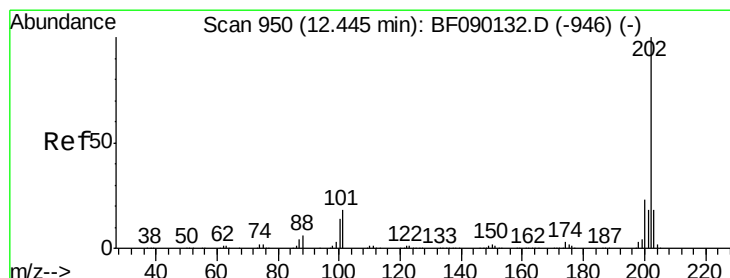
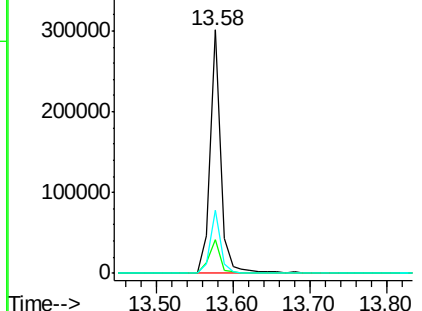
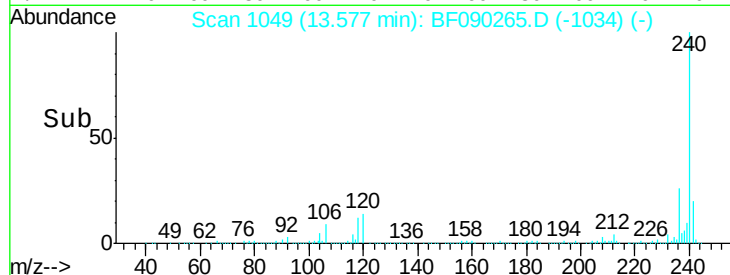
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.38 ng

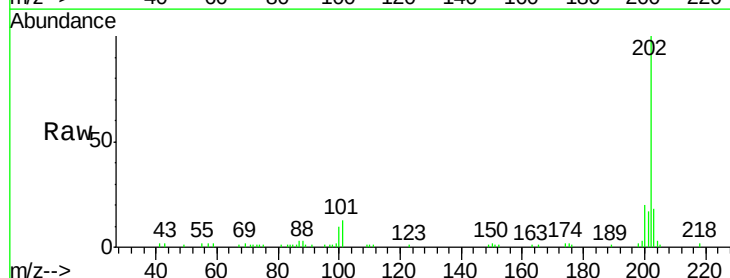
RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

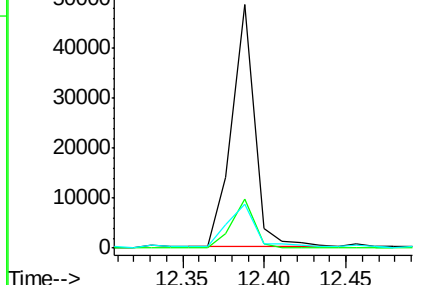
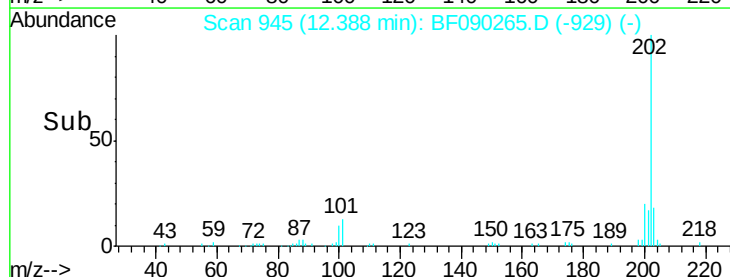
Tgt Ion:	202	Resp:	46682
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.9	26.9
203	17.9	14.2	21.4

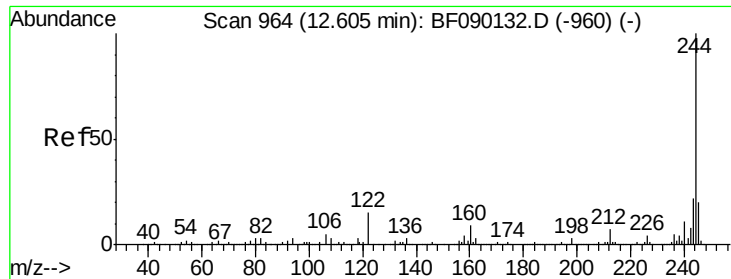


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





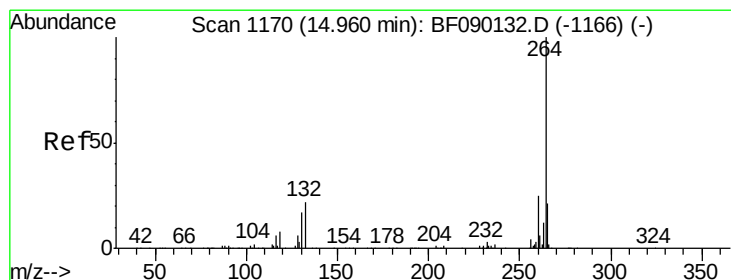
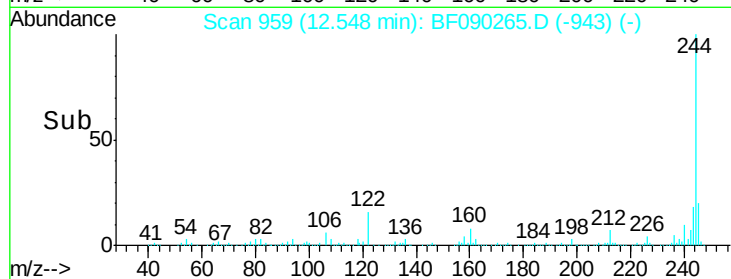
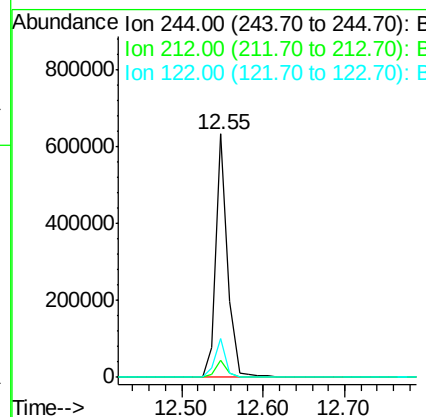
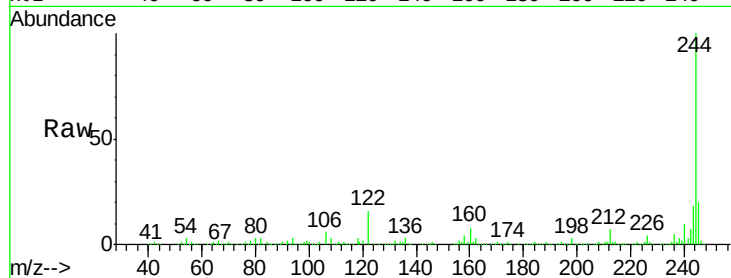
#78
 Terphenyl-d14
 Concen: 57.22 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090265.D
 Acq: 27 Sep 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S-2-2-LOC-2(10-15)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	16.0	9.4	14.0

Manual Integrations
 APPROVED

sohil
 9/28/2016 1:53:22 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090265.D
 Acq: 27 Sep 2016 21:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.2	17.0	25.4

