

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091552.D
 Acq On : 13 Dec 2016 14:27
 Operator : UM/SJ
 Sample : H5940-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2IN

Manual Integrations
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Quant Time: Dec 14 00:44:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	293298	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1243064	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	585476	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	896352	20.00	ng	0.00
75) Chrysene-d12	13.96	240	623470	20.00	ng	0.00
86) Perylene-d12	15.37	264	552078	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2029989	116.61	ng	0.01
7) Phenol-d6	6.45	99	2224958	102.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	1741286	78.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	458296	94.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1858399	54.85	ng	-0.01
78) Terphenyl-d14	12.91	244	1449371	52.75	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	58027	2.29	ng	84
49) Dimethylphthalate	9.57	163	1011281	27.28	ng	99
74) Fluoranthene	12.53	202	167993	3.61	ng	96
77) Pyrene	12.76	202	142242	2.88	ng	96
87) Benzo(b)fluoranthene	14.97	252	74003m	2.25	ng	

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

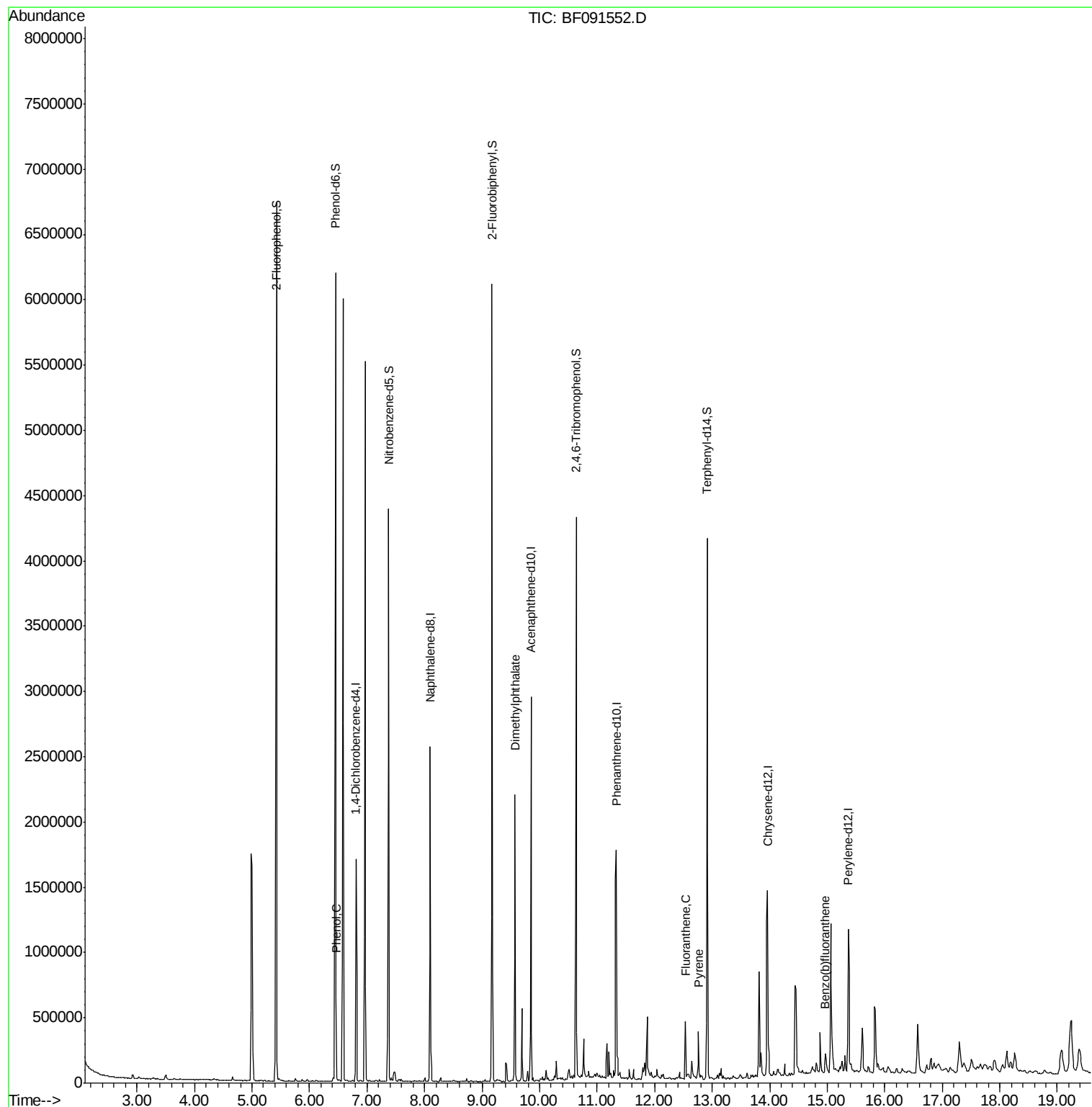
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091552.D
Acq On : 13 Dec 2016 14:27
Operator : UM/SJ
Sample : H5940-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

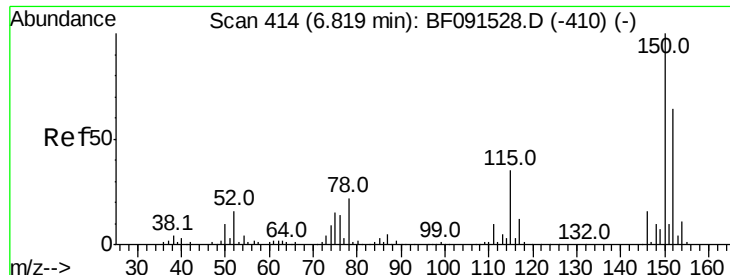
Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

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Quant Time: Dec 14 00:44:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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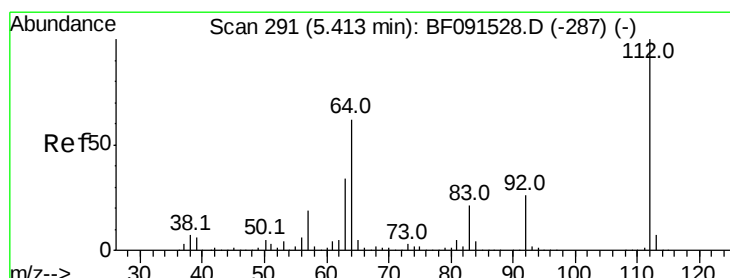
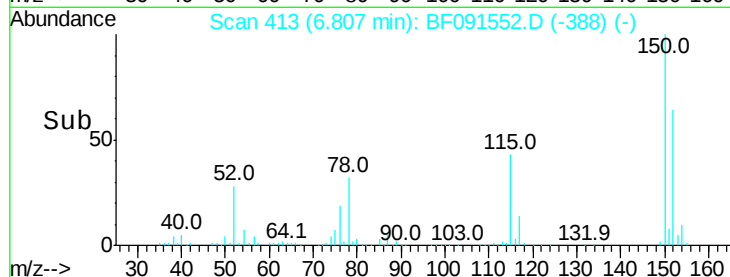
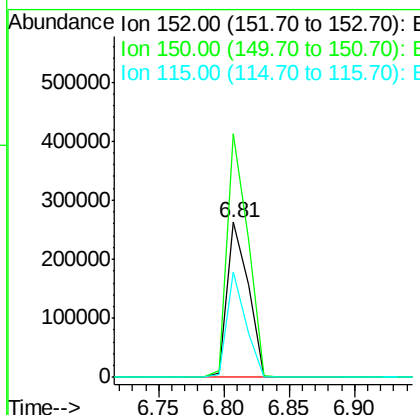
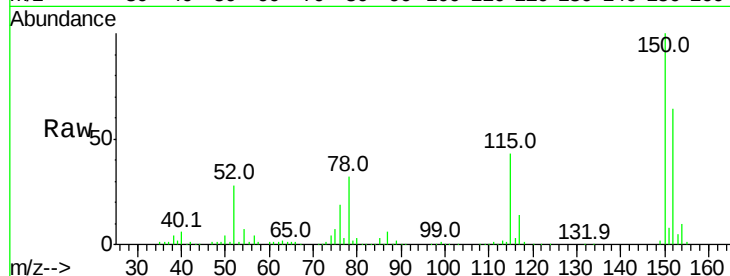
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF091552.D
 Acq: 13 Dec 2016 14:27

Instrument :
 BNA_F
 ClientSampled :
 SS08-0-2IN

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.5	183.7
115	67.9	51.8	77.8

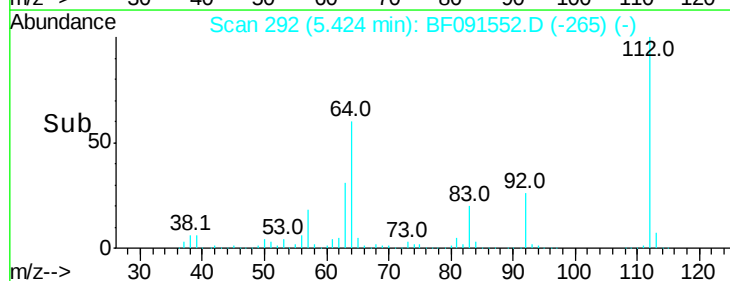
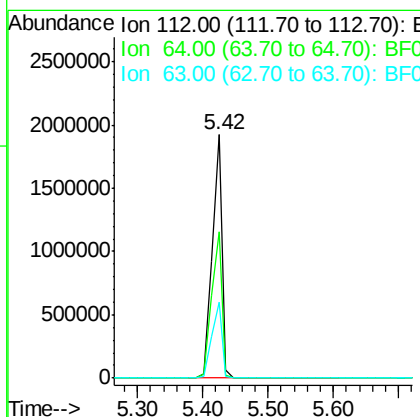
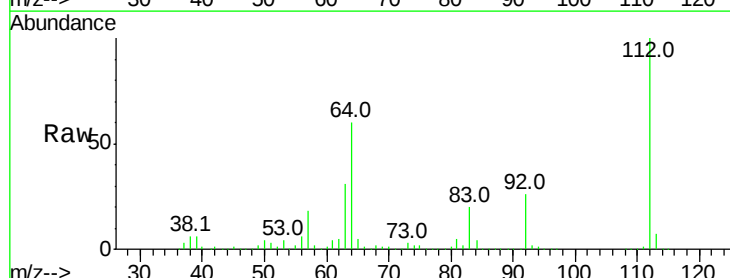
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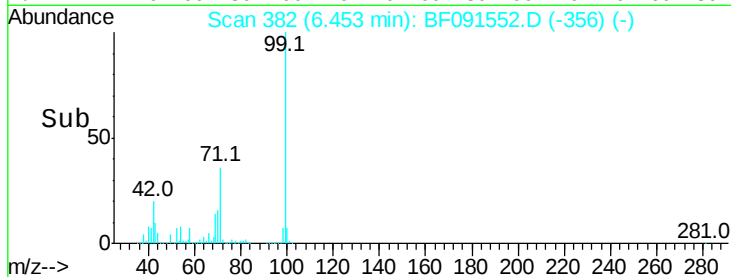
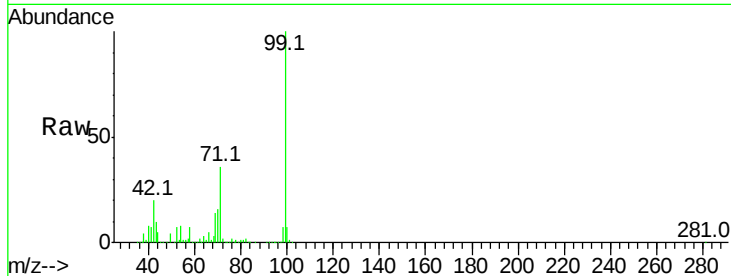
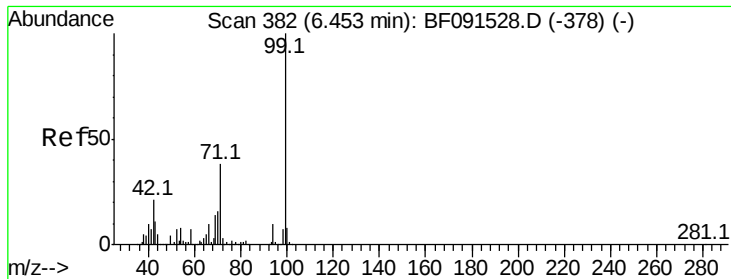
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#5
 2-Fluorophenol
 Concen: 116.61 ng
 RT: 5.42 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: BF091552.D
 Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	61.5	92.3#
63	31.1	33.3	49.9#





#7

Phenol-d6

Concen: 102.52 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

Tot Ion: 99 Resp: 2224958

Ion Ratio Lower Upper

99 100

42 20.3 20.6 31.0#

71 35.9 29.9 44.9

Instrument :

BNA_F

ClientSampled :

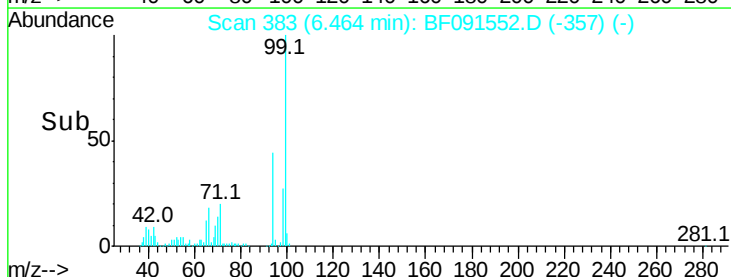
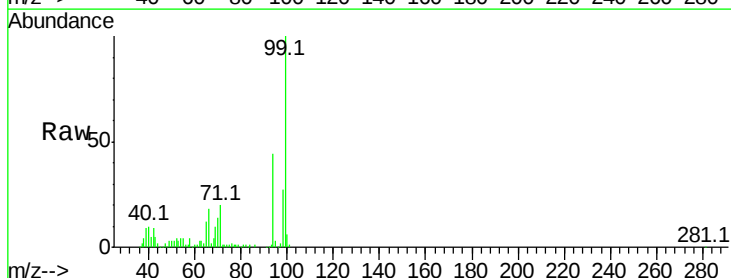
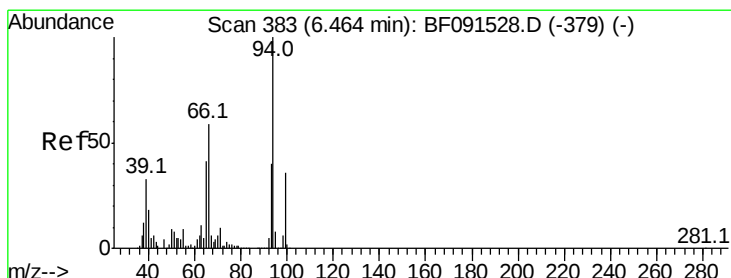
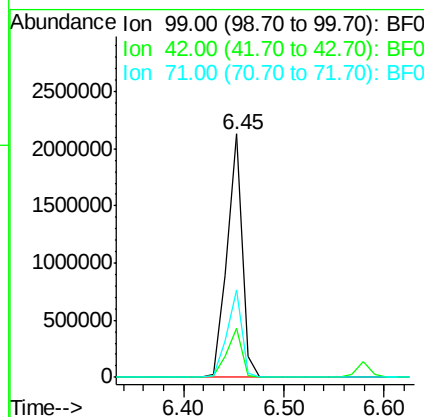
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#10

Phenol

Concen: 2.29 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

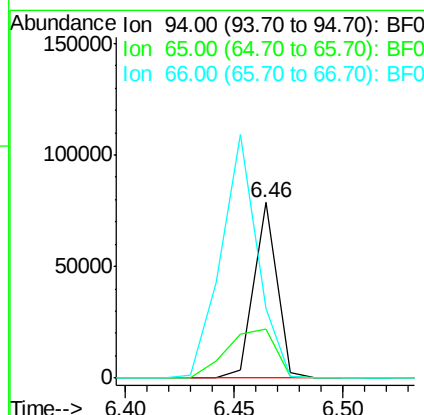
Tgt Ion: 94 Resp: 58027

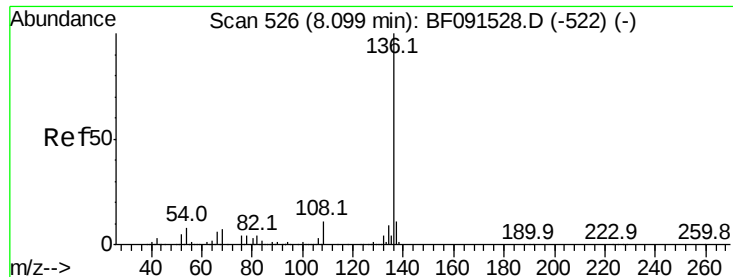
Ion Ratio Lower Upper

94 100

65 27.7 16.9 56.9

66 39.8 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

Instrument :

BNA_F

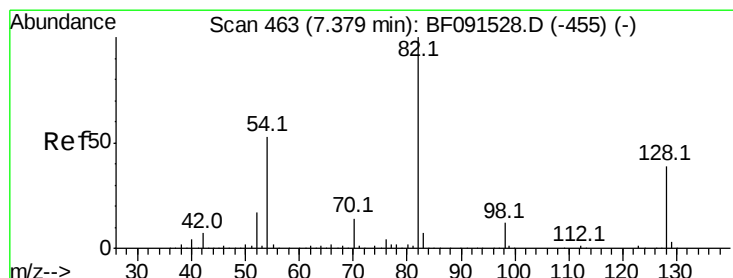
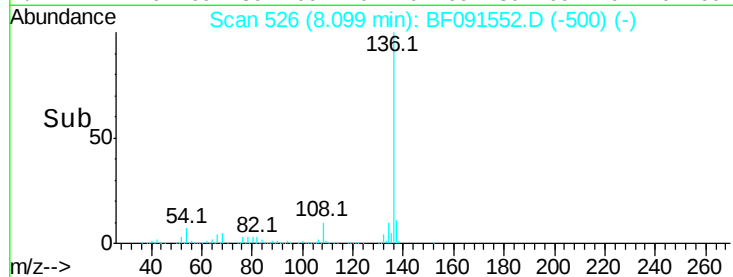
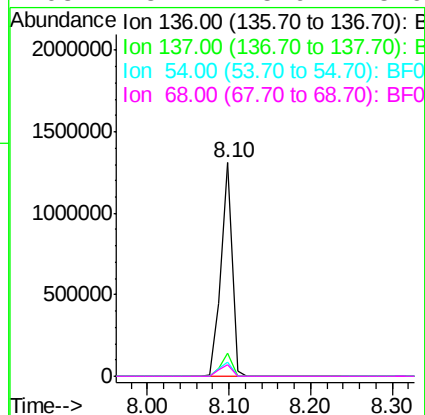
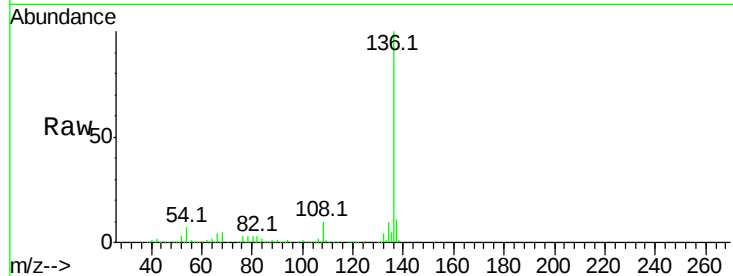
ClientSampleId :

SS08-0-2IN

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	9.1	13.7#
68	5.4	5.9	8.9#

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#23

Nitrobenzene-d5

Concen: 78.18 ng

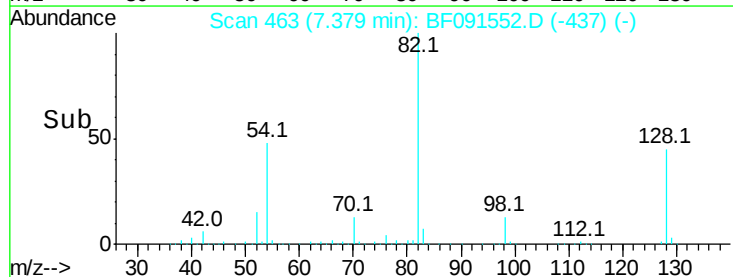
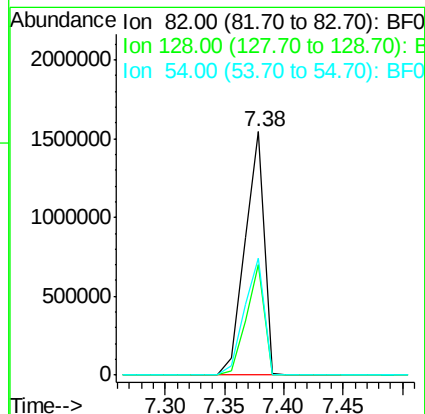
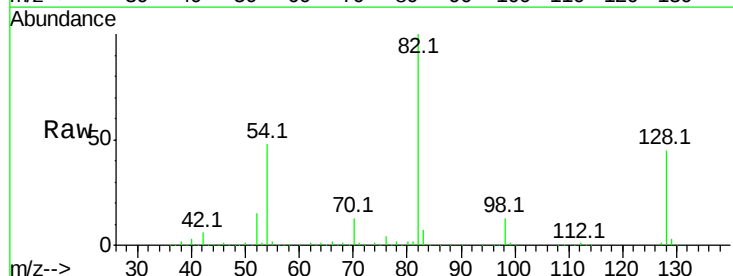
RT: 7.38 min Scan# 463

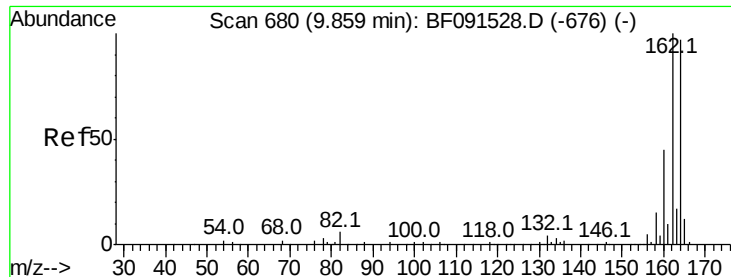
Delta R.T. -0.00 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	31.8	47.6
54	48.0	49.1	73.7#





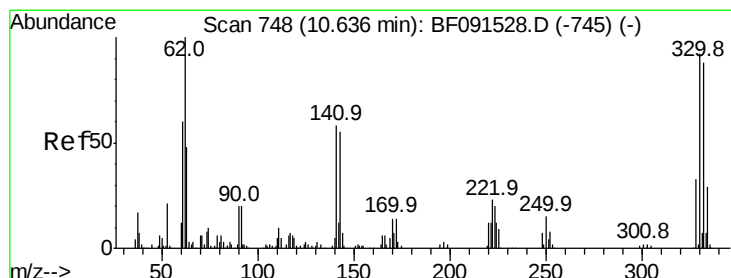
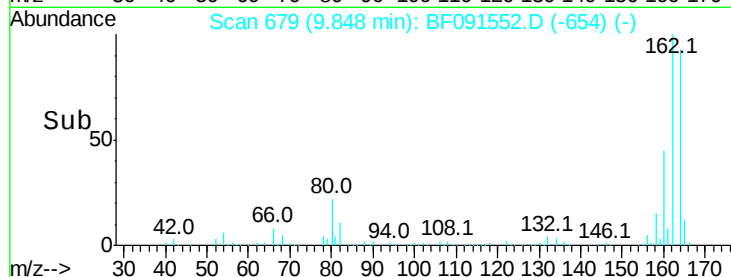
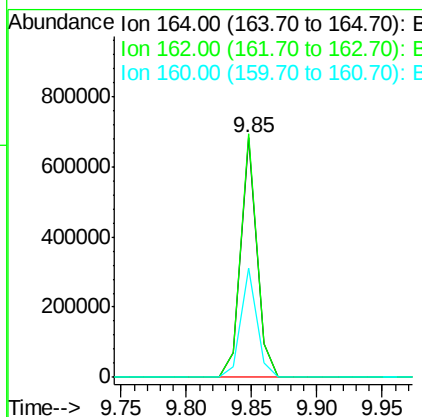
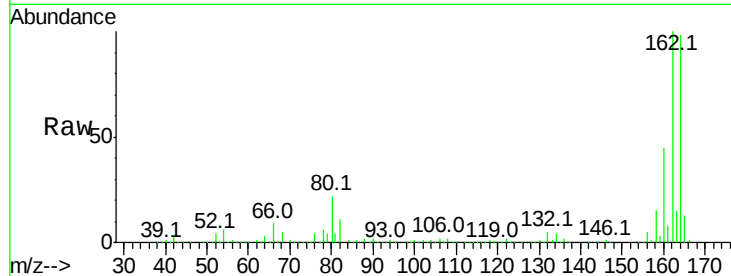
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	82.6	124.0	
160	45.6	36.7	55.1	

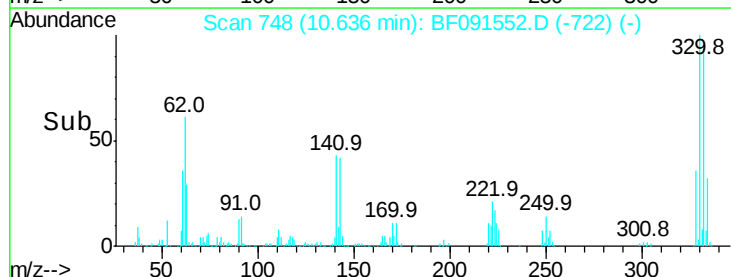
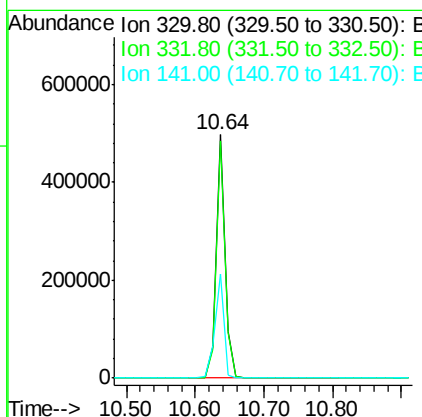
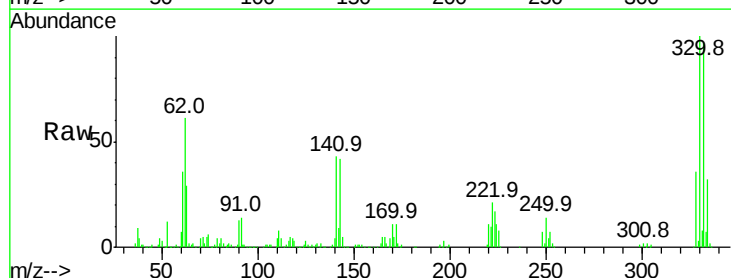
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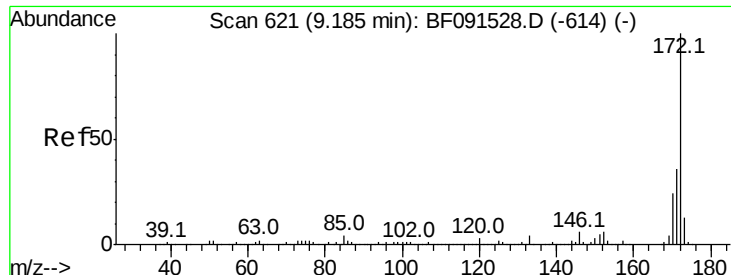
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#41
2,4,6-Tribromophenol
Concen: 94.24 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.2	114.4	
141	43.6	33.6	50.4	





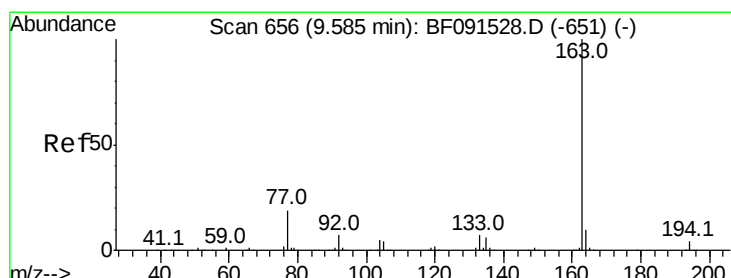
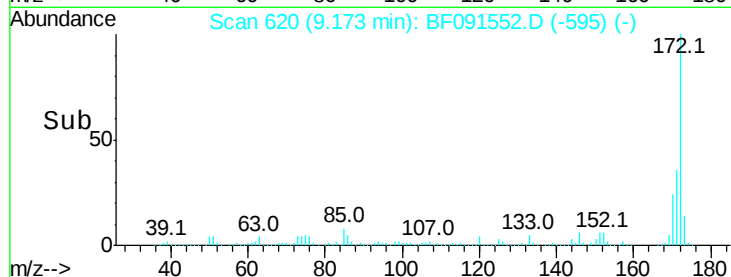
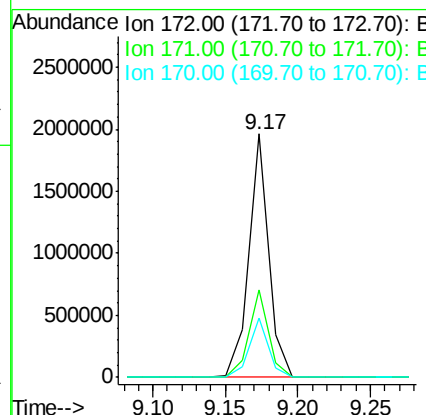
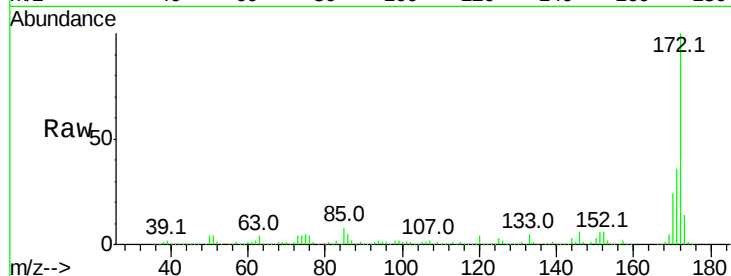
#44
2-Fluorobiphenyl
Concen: 54.85 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.1	19.7	29.5

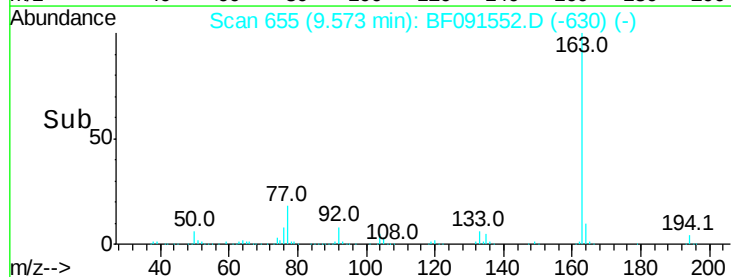
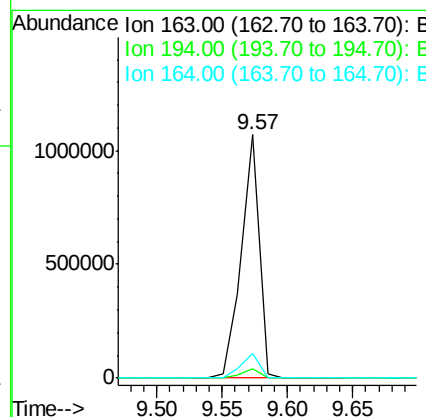
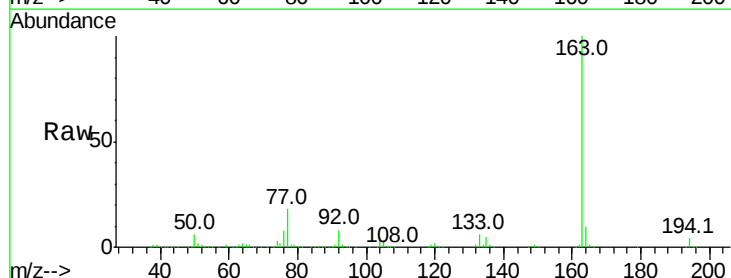
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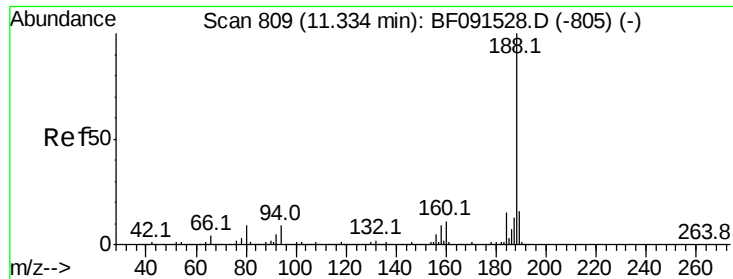
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#49
Dimethylphthalate
Concen: 27.28 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	7.8	11.8





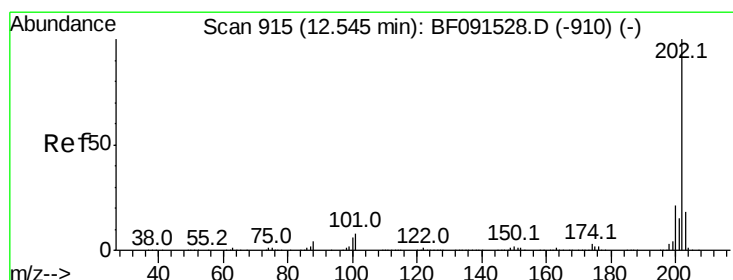
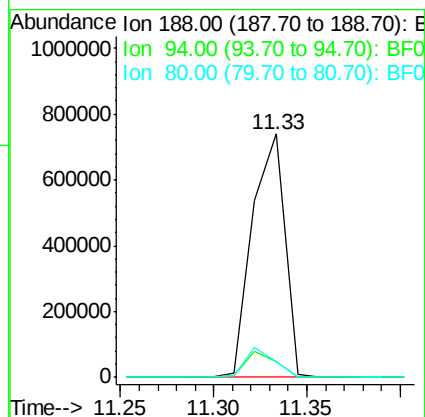
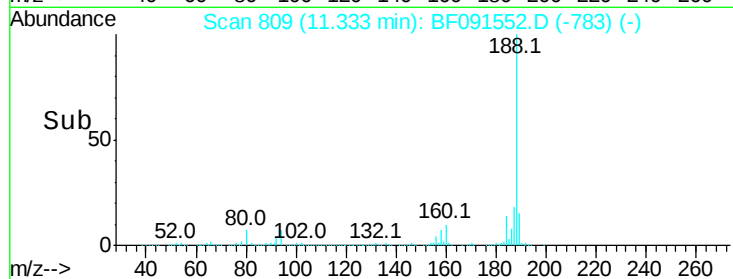
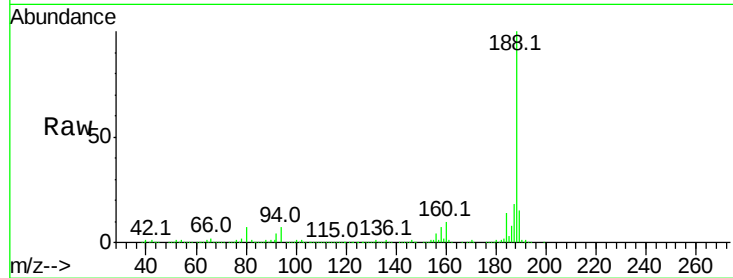
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SS08-0-2IN

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	9.2	13.8#
80	6.7	10.5	15.7#

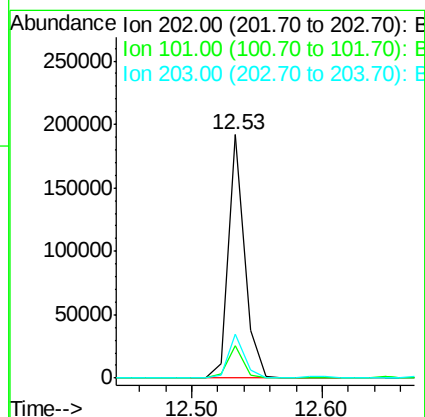
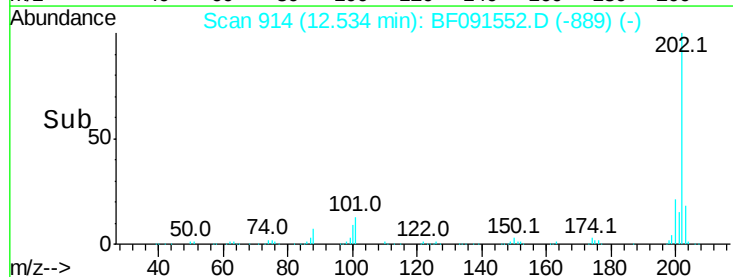
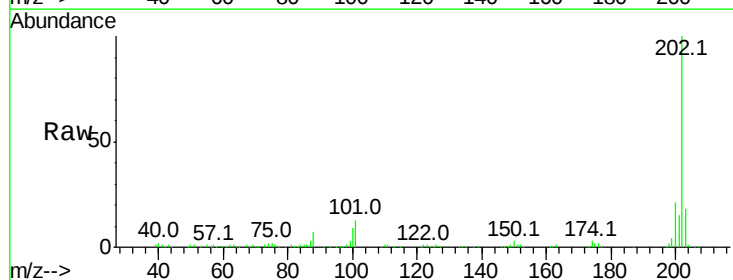
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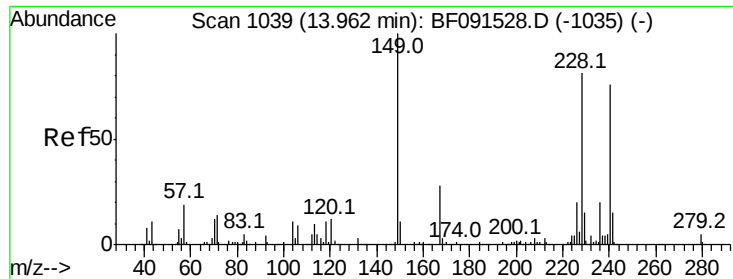
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#74
Fluoranthene
Concen: 3.61 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF091552.D
Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	0.0	29.5
203	18.0	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

Instrument :

BNA_F

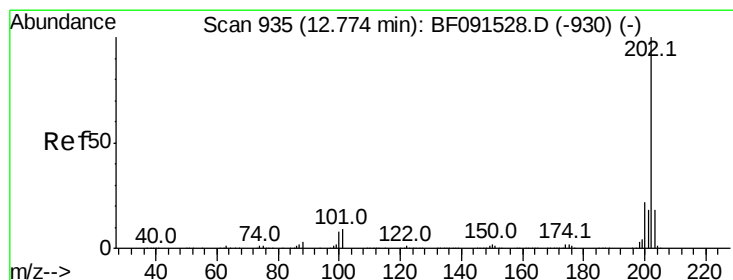
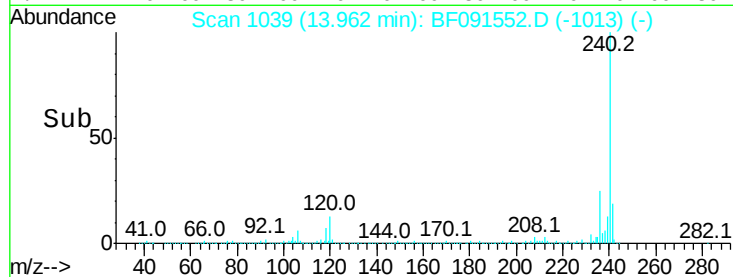
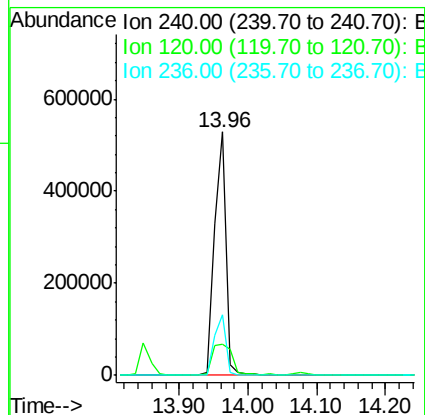
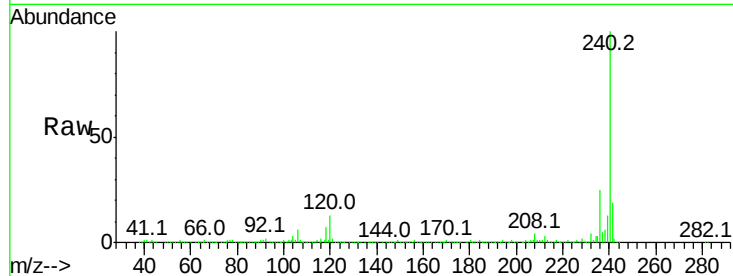
ClientSampleId :

SS08-0-2IN

Tot Ion	Ratio	Resp	Lower	Upper
240	100	623470		
120	12.7		12.1	18.1
236	24.8		21.0	31.6

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#77

Pyrene

Concen: 2.88 ng

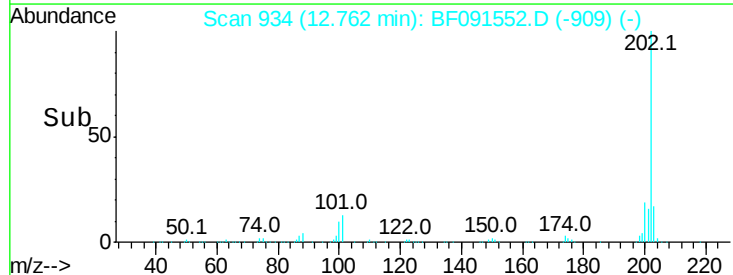
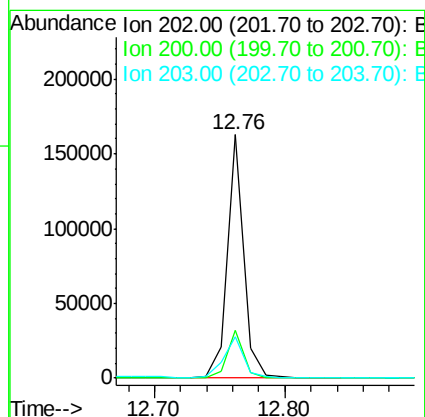
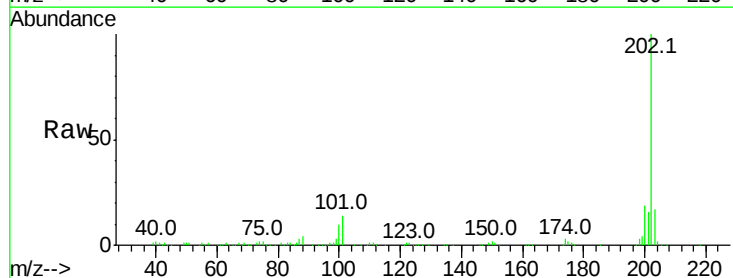
RT: 12.76 min Scan# 934

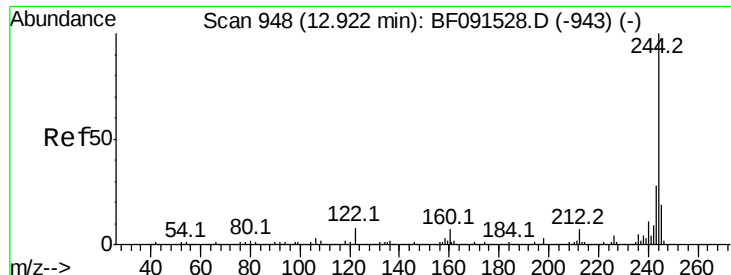
Delta R.T. -0.01 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	142242		
200	19.4		17.6	26.4
203	17.0		14.0	21.0





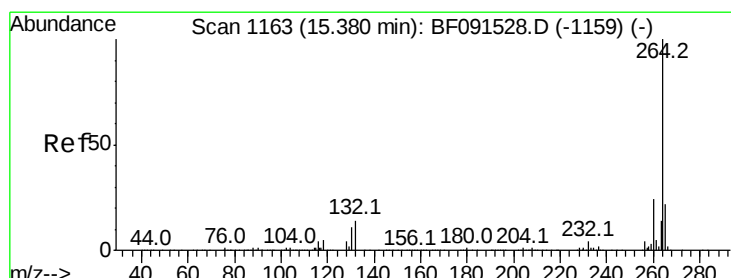
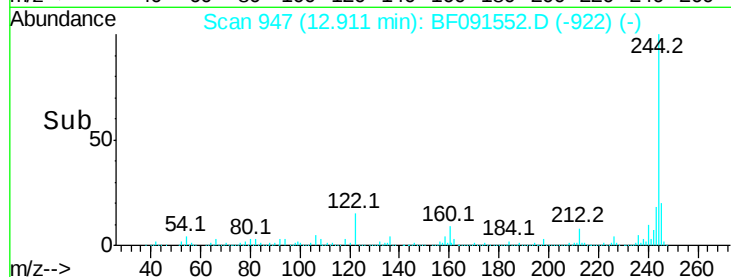
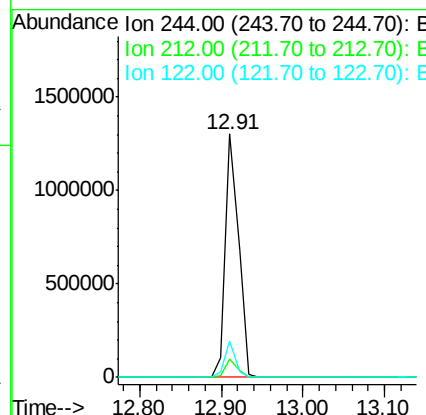
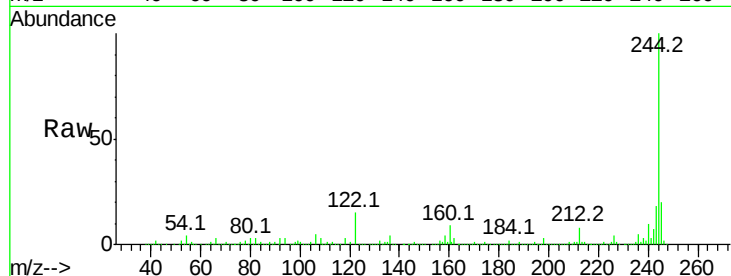
#78
 Terphenyl-d14
 Concen: 52.75 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF091552.D
 Acq: 13 Dec 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2IN

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	15.0	9.5	14.3

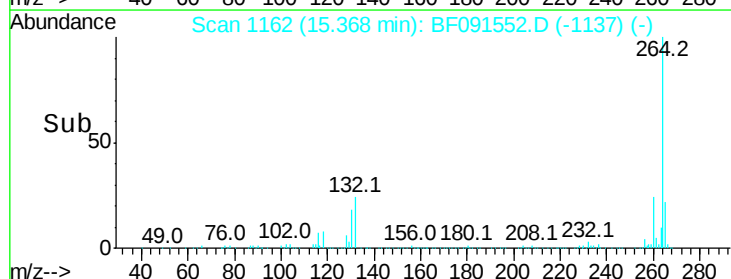
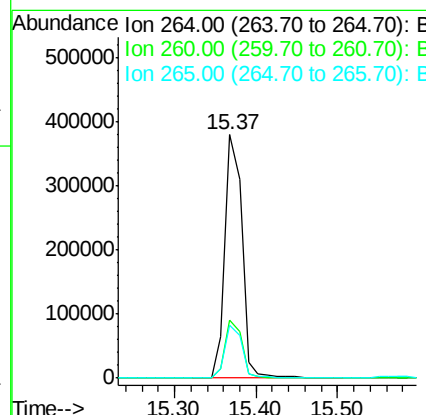
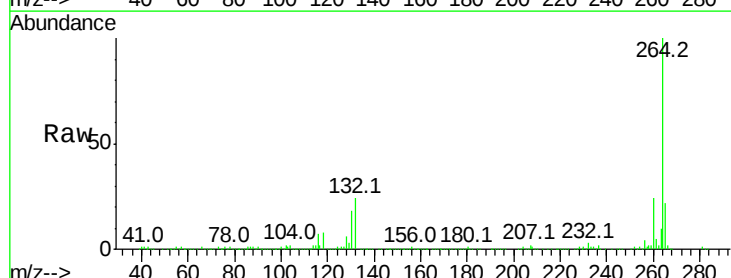
Manual Integrations
 APPROVED

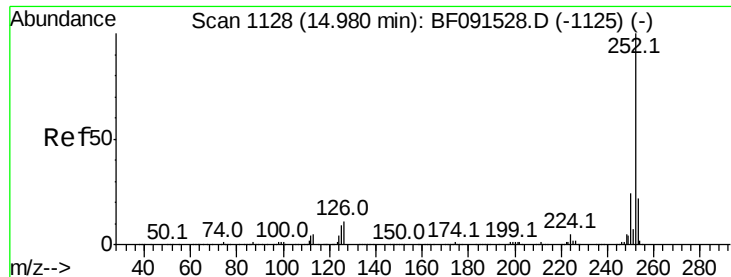
sohil
 12/14/2016 6:22:30 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF091552.D
 Acq: 13 Dec 2016 14:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.9	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 2.25 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF091552.D

Acq: 13 Dec 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SS08-0-2IN

Tot Ion:	252	Resp:	74003
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	13.3	8.6	13.0

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:30 PM

