

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094143.D
 Acq On : 4 Apr 2017 1:31
 Operator : SJ/MA
 Sample : I2495-08 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

Manual Integrations
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 4/4/2017 5:34:53 PM

Quant Time: Apr 04 03:15:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	132176	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	494811	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	188946	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	275750	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	239770	20.00	ng	-0.01
86) Perylene-d12	16.25	264	168338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	220568	28.19	ng	-0.02
7) Phenol-d6	5.49	99	273220	28.22	ng	-0.02
23) Nitrobenzene-d5	6.53	82	110189	12.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	33109	22.17	ng	-0.02
44) 2-Fluorobiphenyl	8.72	172	303900	24.53	ng	-0.02
78) Terphenyl-d14	13.33	244	181557	16.97	ng	-0.02
Target Compounds						Qvalue
74) Fluoranthene	12.85	202	60425	3.85	ng	98
77) Pyrene	13.13	202	64384m	3.70	ng	
79) Butylbenzylphthalate	13.95	149	39313	5.30	ng	# 83
80) Benzo(a)anthracene	14.60	228	33585	2.40	ng	# 87
82) Chrysene	14.64	228	32428	2.50	ng	# 90
83) Bis(2-ethylhexyl)phthalate	14.67	149	61733	6.10	ng	# 98
87) Benzo(b)fluoranthene	15.84	252	43930m	4.26	ng	
89) Benzo(a)pyrene	16.19	252	28421	2.99	ng	# 63
91) Benzo(g,h,i)perylene	17.99	276	27166	3.35	ng	# 91

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

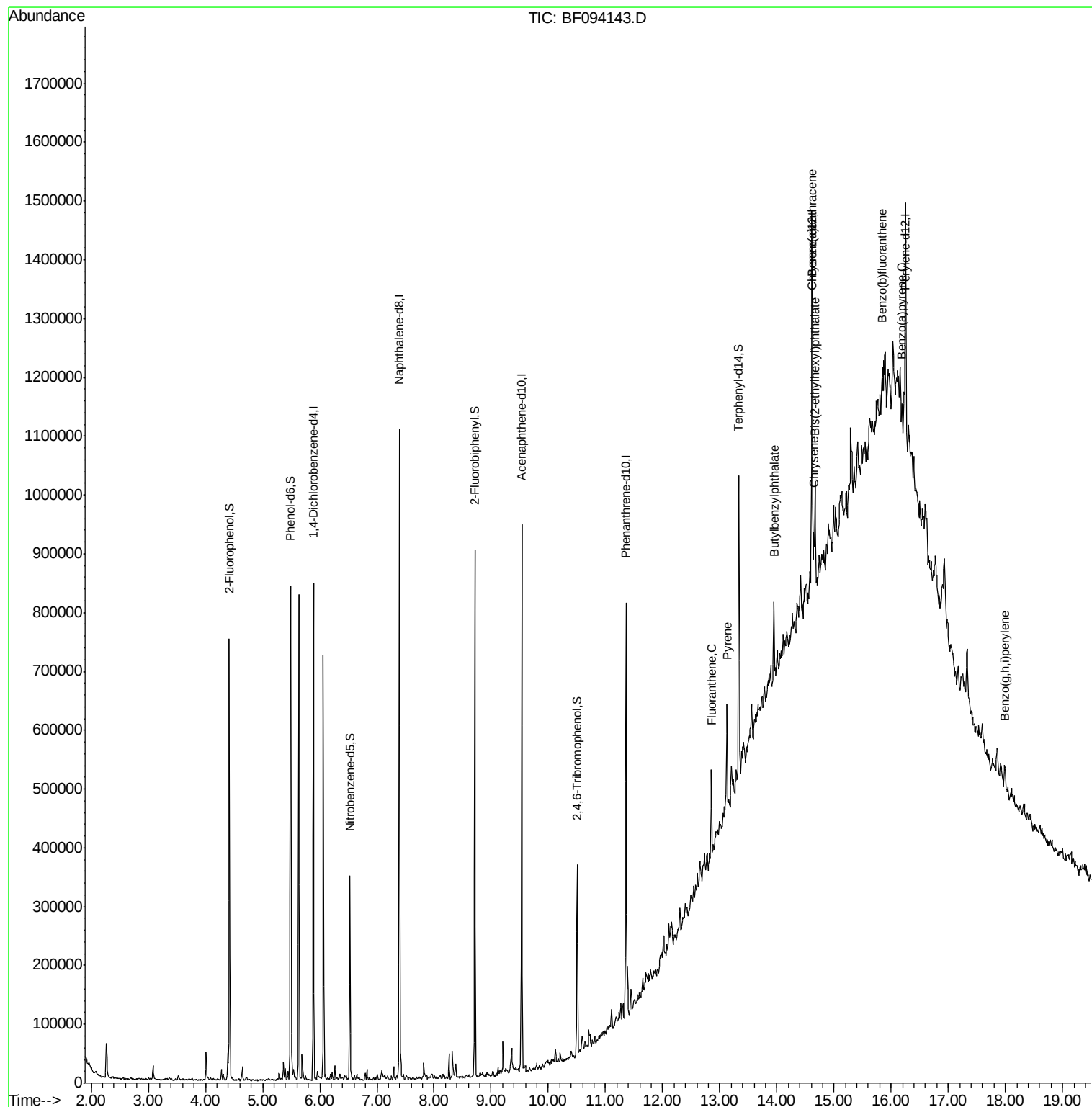
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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Acq On : 4 Apr 2017 1:31
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Misc :
ALS Vial : 27 Sample Multiplier: 1

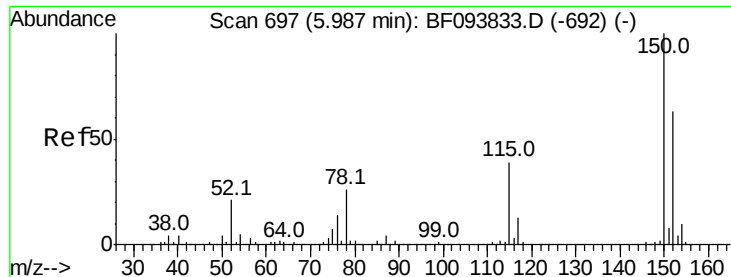
Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

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#1

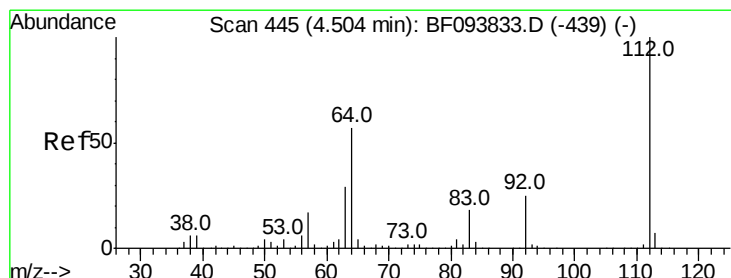
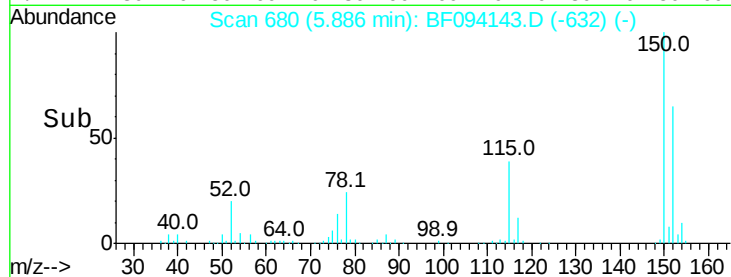
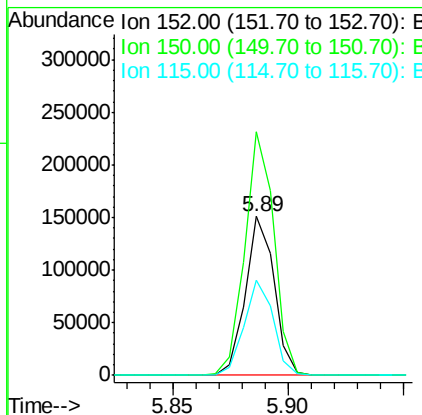
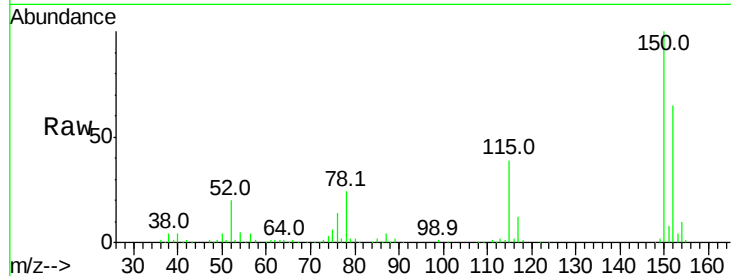
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	60.4	52.2	78.2

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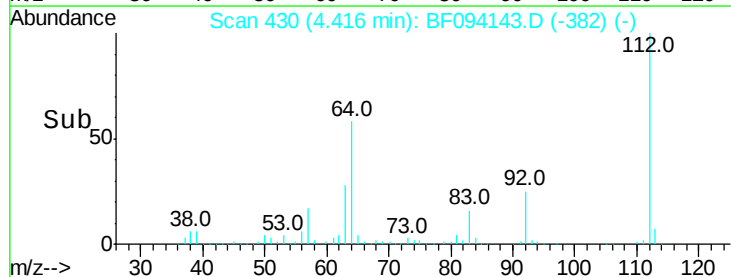
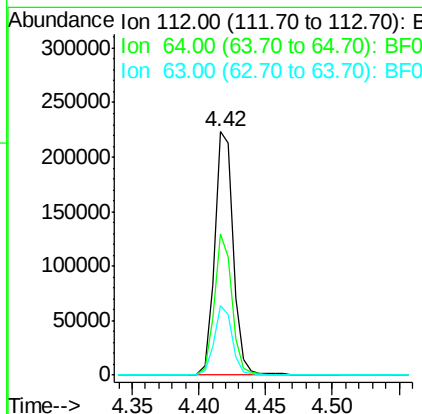
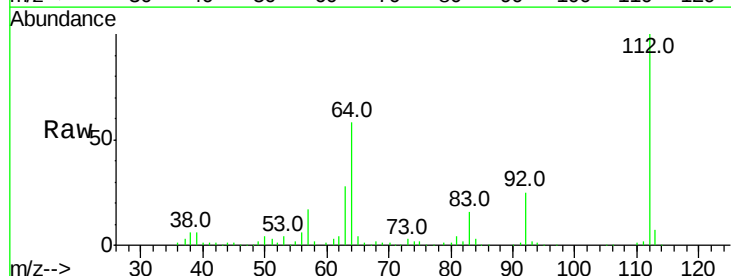
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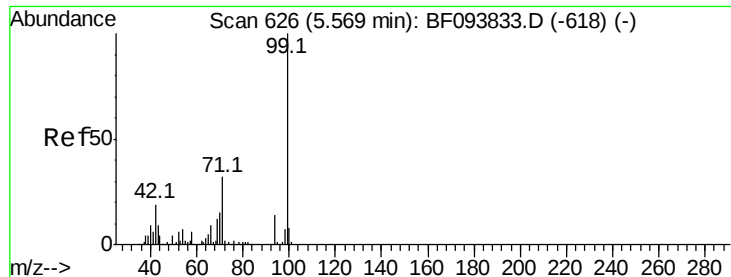


#5

2-Fluorophenol
Concen: 28.19 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.0	69.0
63	28.4	23.4	35.0





#7

Phenol-d6

Concen: 28.22 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094143.D

Acq: 4 Apr 2017 1:31

Instrument :

BNA_F

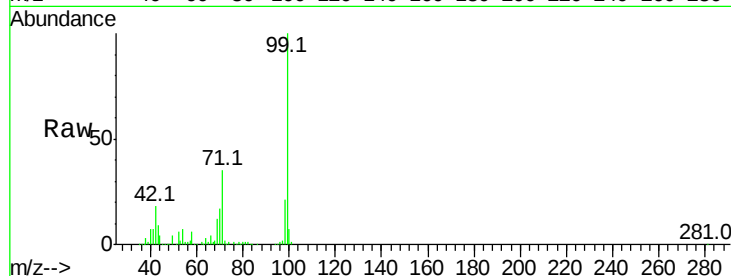
ClientSampleId :

LSS-SP04-COMP

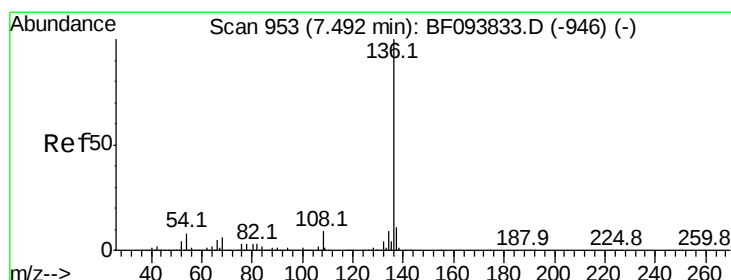
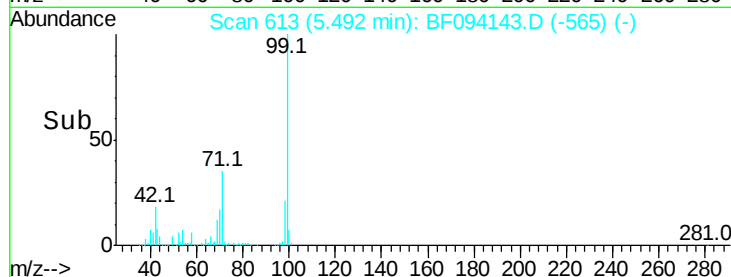
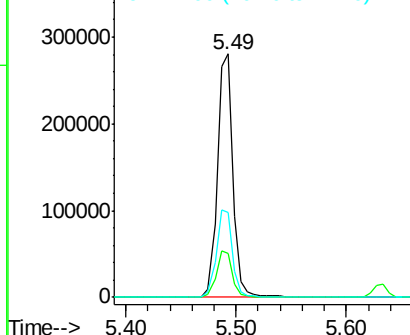
Tot Ion:	99	Resp:	273220
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.5	20.3
71	34.9	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 936

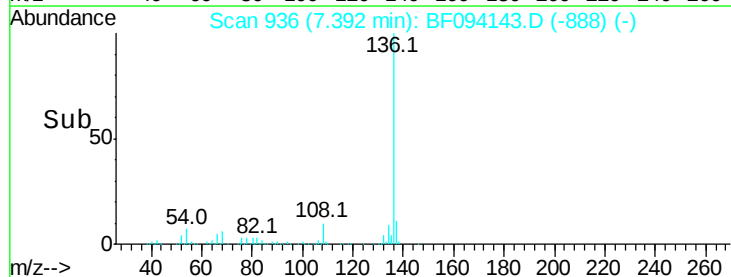
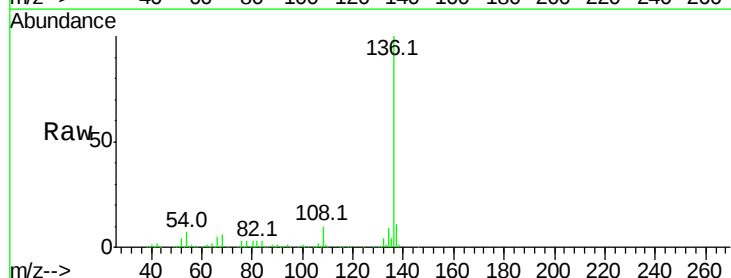
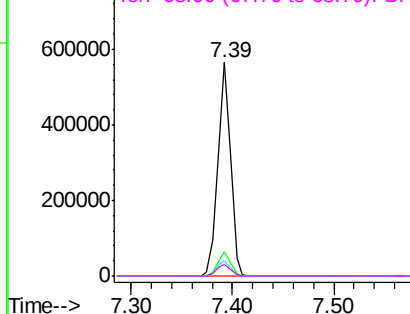
Delta R.T. -0.02 min

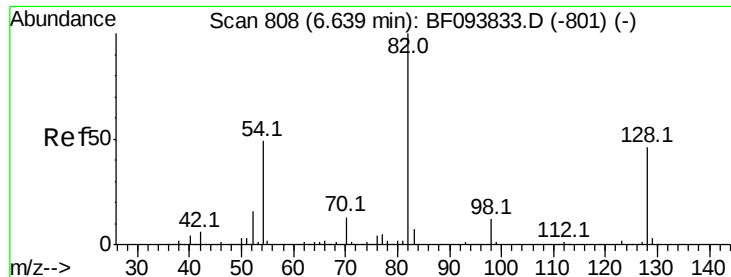
Lab File: BF094143.D

Acq: 4 Apr 2017 1:31

Tgt Ion:	136	Resp:	494811
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.3	4.9	7.3
68	5.6	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





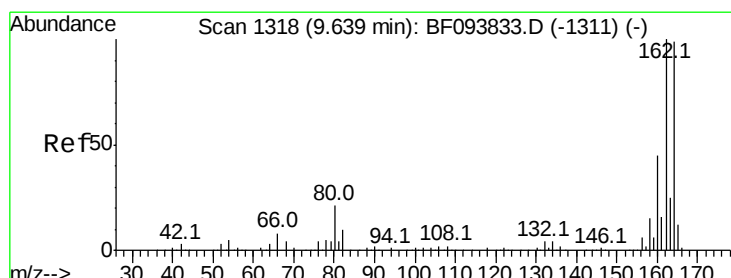
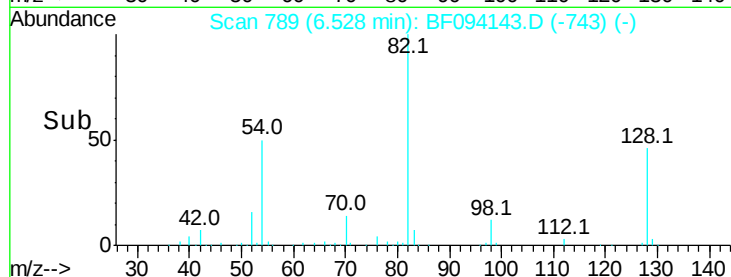
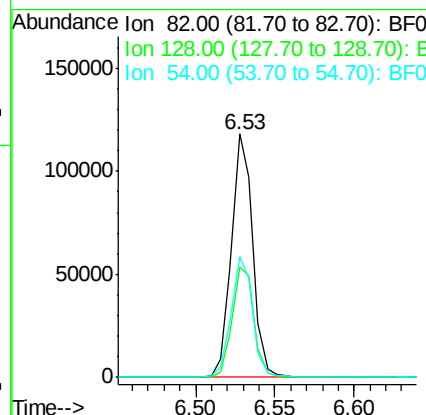
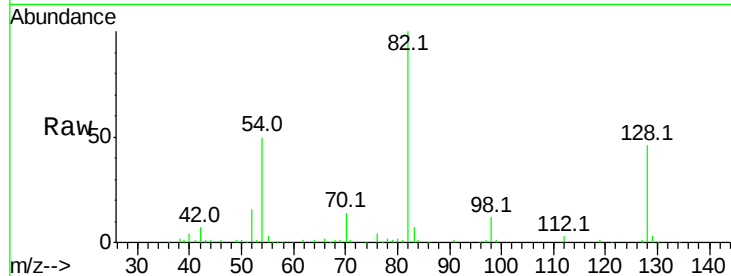
#23
 Nitrobenzene-d5
 Concen: 12.71 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094143.D
 Acq: 4 Apr 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	34.0	51.0	
54	49.5	42.2	63.2	

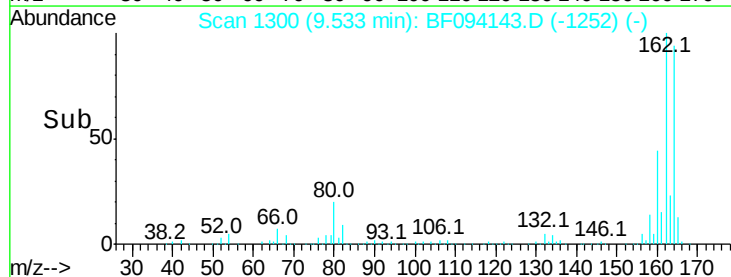
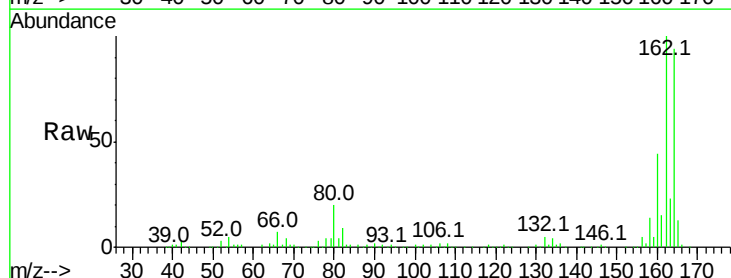
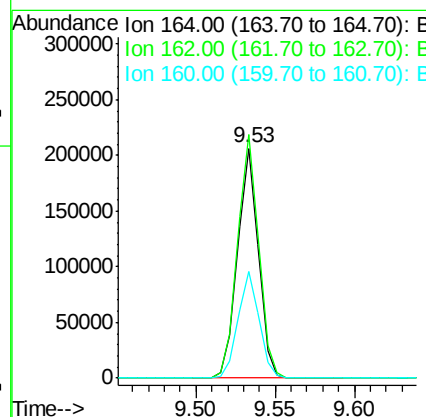
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094143.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	82.6	123.8	
160	46.5	36.2	54.2	





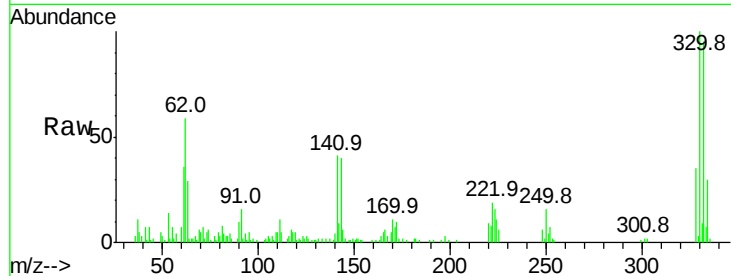
#41
 2,4,6-Tribromophenol
 Concen: 22.17 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094143.D
 Acq: 4 Apr 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

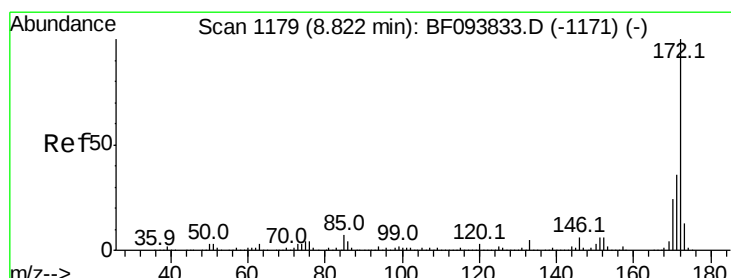
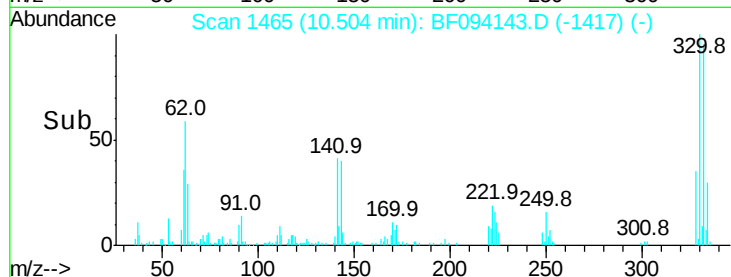
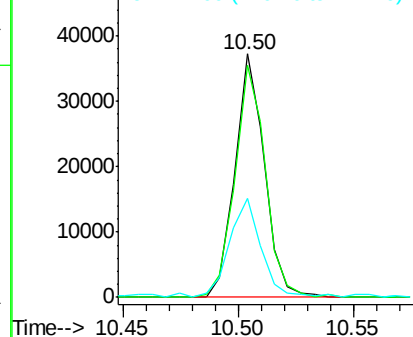
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	76.6	115.0	
141	44.6	31.4	47.2	

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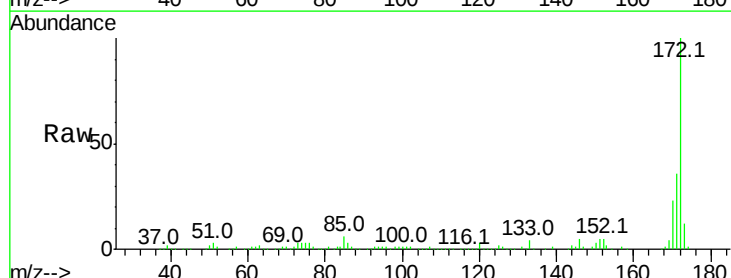


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

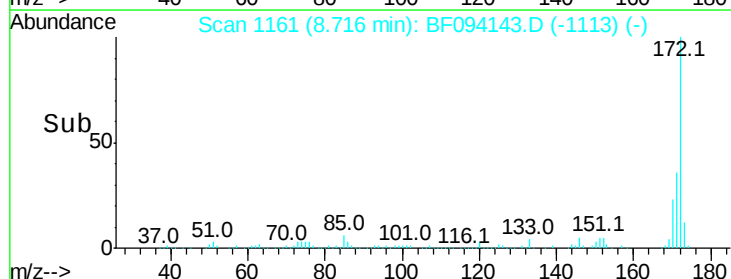
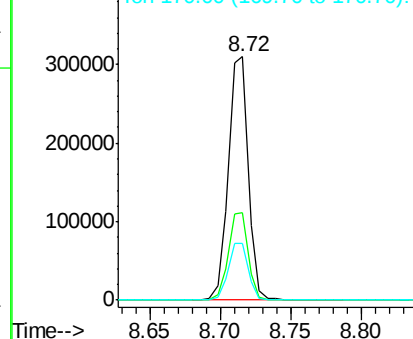


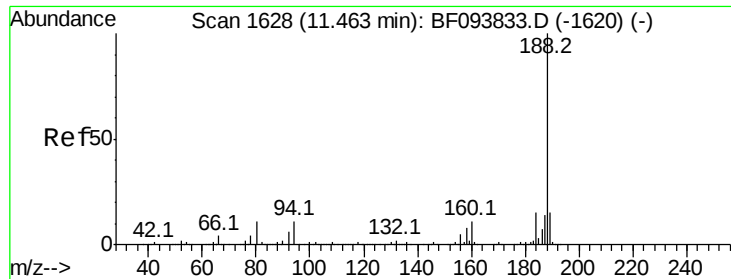
#44
 2-Fluorobiphenyl
 Concen: 24.53 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094143.D
 Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.2	19.8	29.8	



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





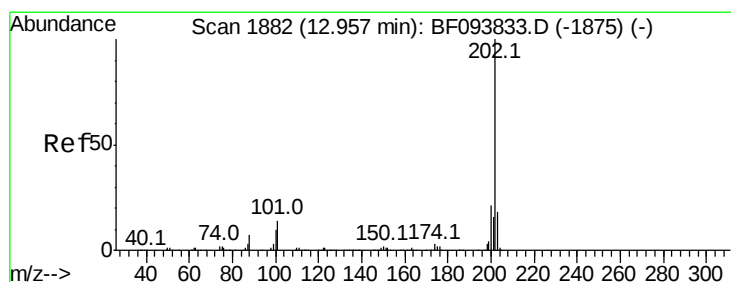
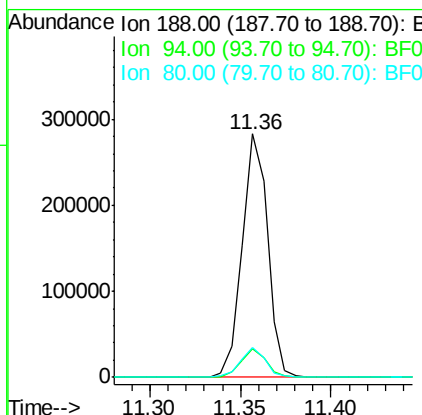
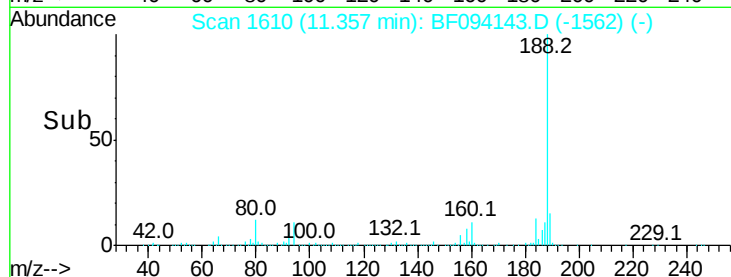
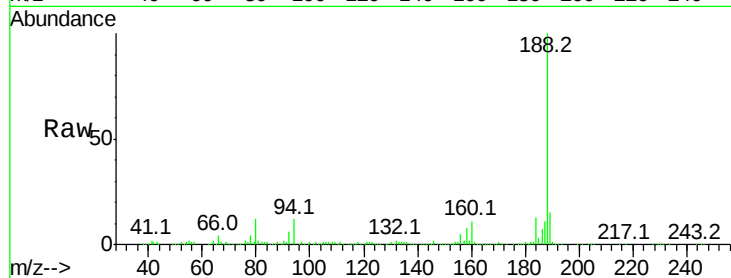
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.1	10.2	15.2

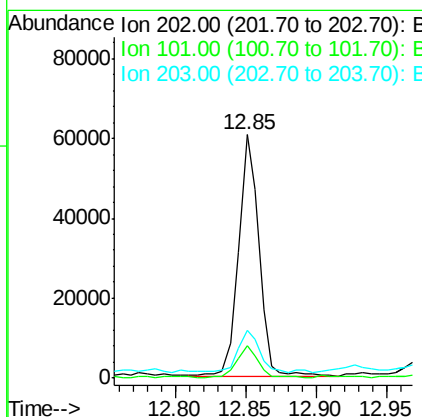
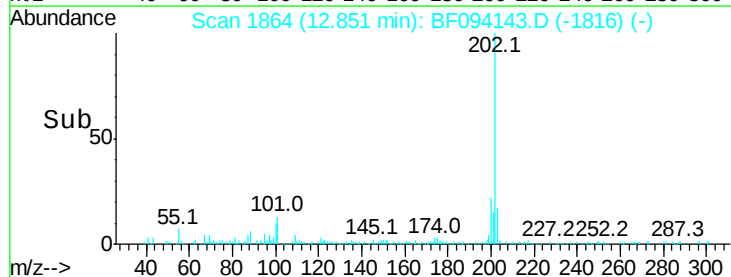
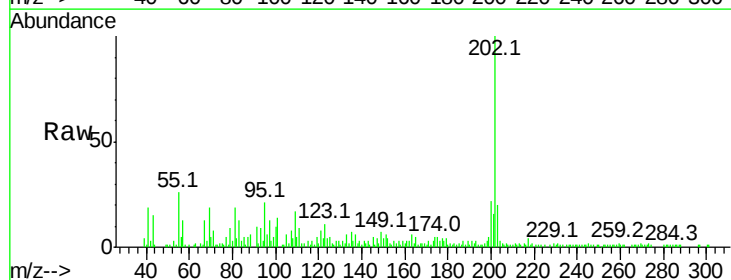
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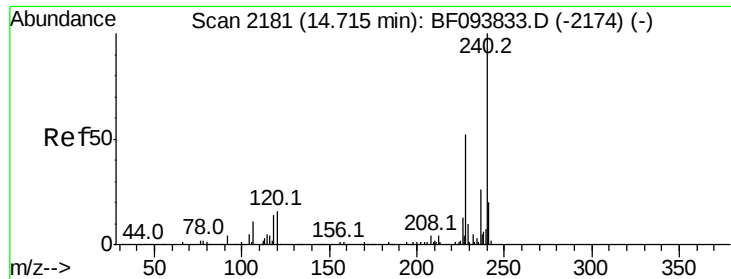
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#74
Fluoranthene
Concen: 3.85 ng
RT: 12.85 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	33.2
203	19.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094143.D

Acq: 4 Apr 2017 1:31

Instrument :

BNA_F

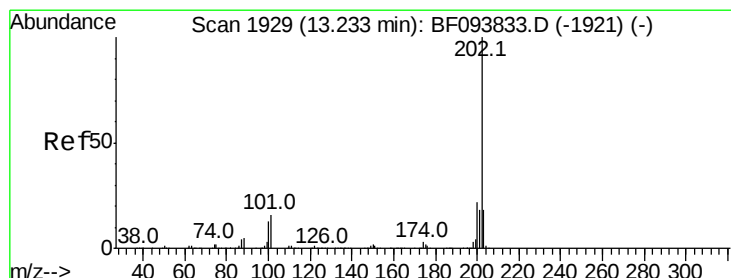
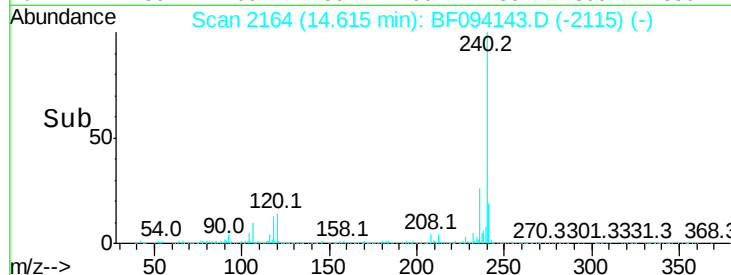
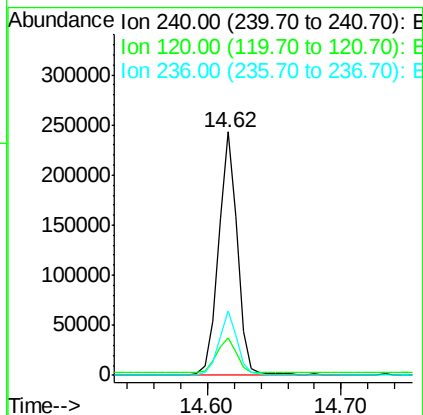
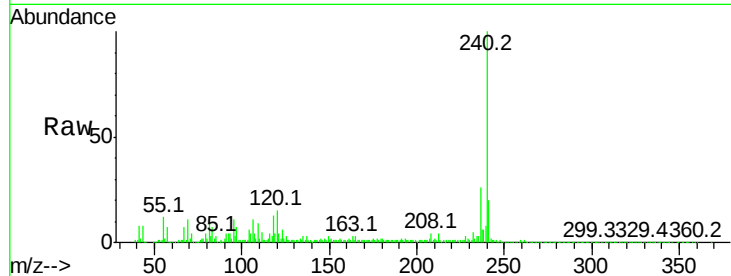
ClientSampleId :

LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	26.3	20.5	30.7

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#77

Pyrene

Concen: 3.70 ng m

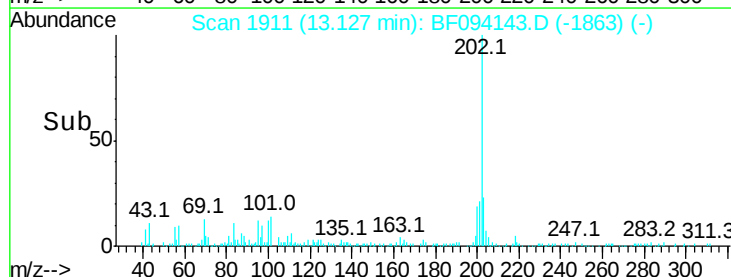
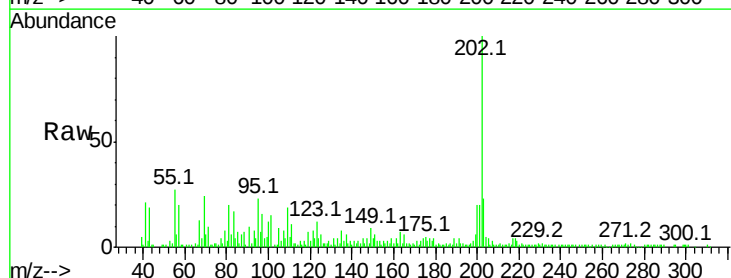
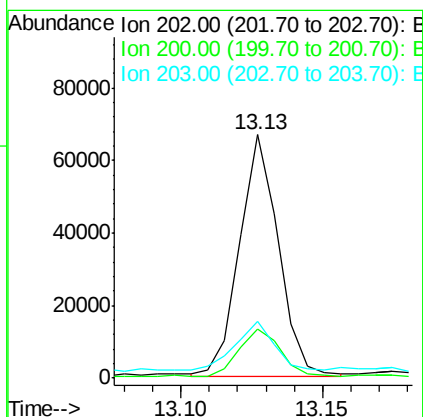
RT: 13.13 min Scan# 1911

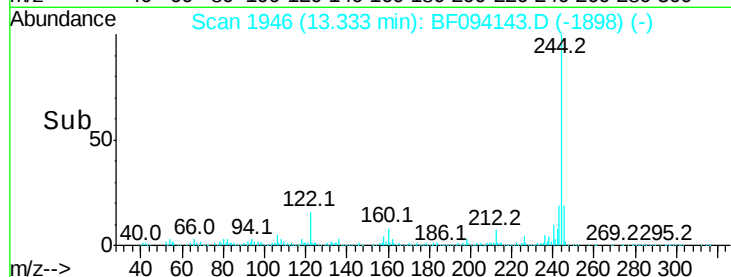
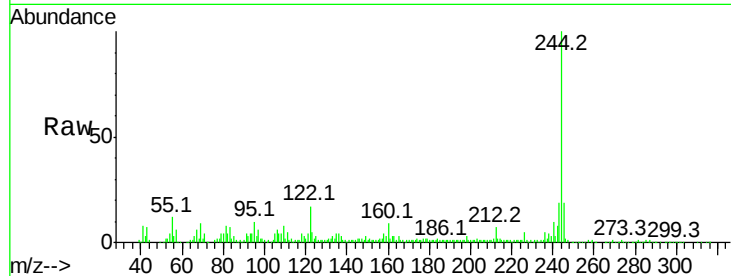
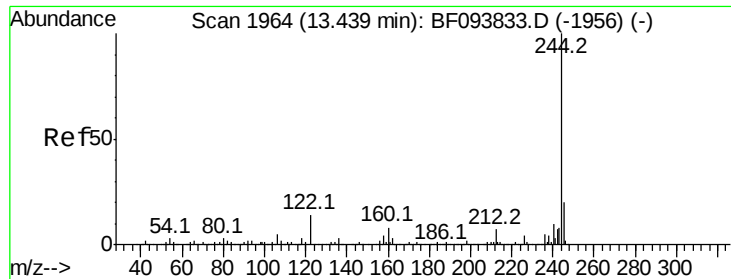
Delta R.T. -0.02 min

Lab File: BF094143.D

Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	23.1	14.4	21.6#





#78

Terphenyl-d14

Concen: 16.97 ng

RT: 13.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF094143.D

Acq: 4 Apr 2017 1:31

Instrument :

BNA_F

ClientSampleId :

LSS-SP04-COMP

Tot Ion:244 Resp: 181557

Ion Ratio Lower Upper

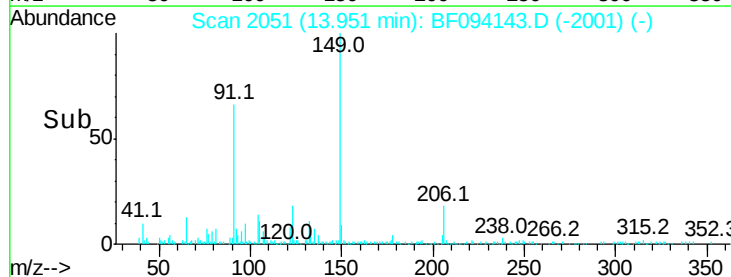
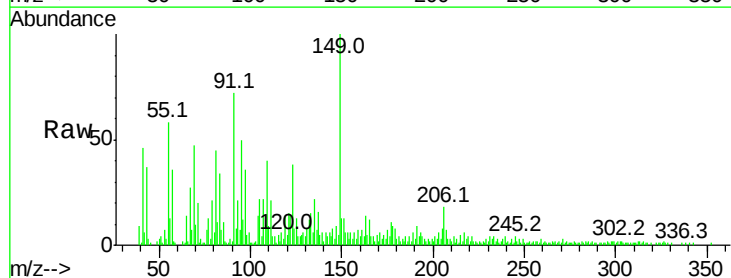
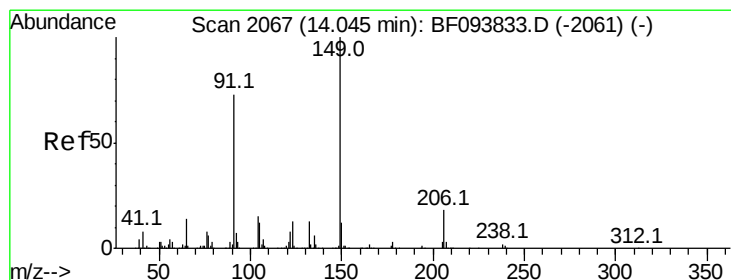
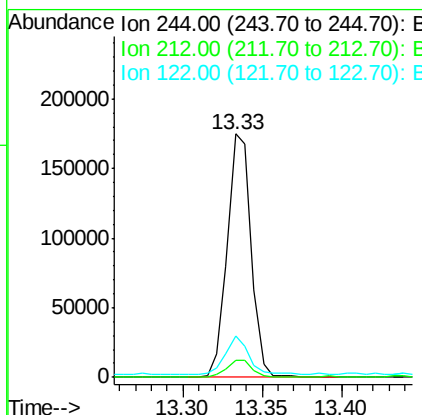
244 100

212 7.1 6.0 9.0

122 16.9 10.3 15.5#

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#79

Butylbenzylphthalate

Concen: 5.30 ng

RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF094143.D

Acq: 4 Apr 2017 1:31

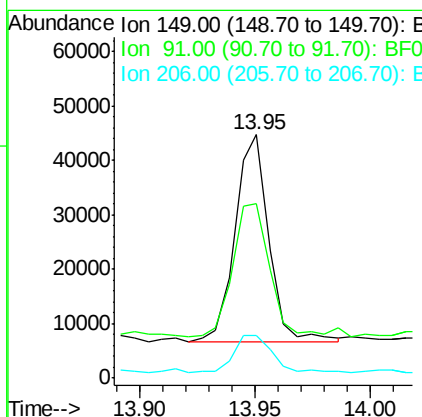
Tgt Ion:149 Resp: 39313

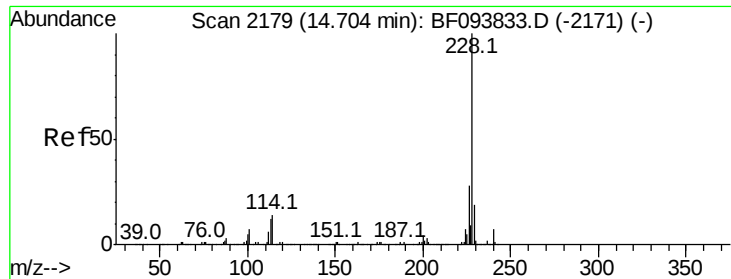
Ion Ratio Lower Upper

149 100

91 71.7 45.0 67.4#

206 17.7 17.0 25.6





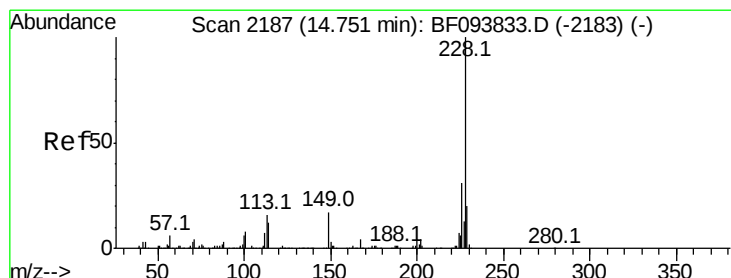
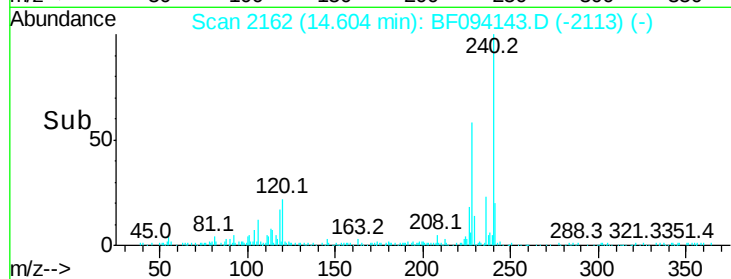
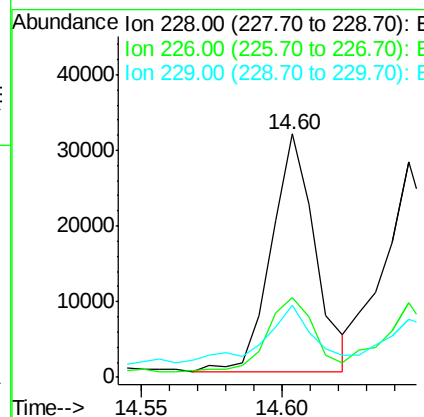
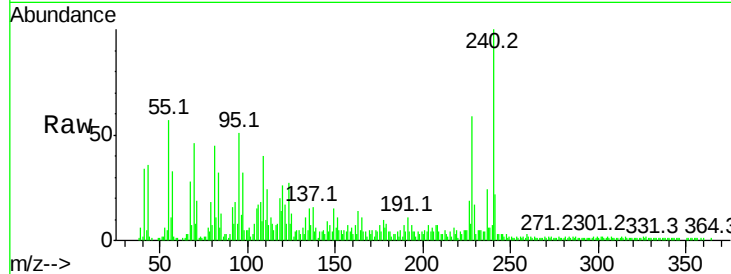
#80
Benzo(a)anthracene
Concen: 2.40 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	29.4	16.3	24.5

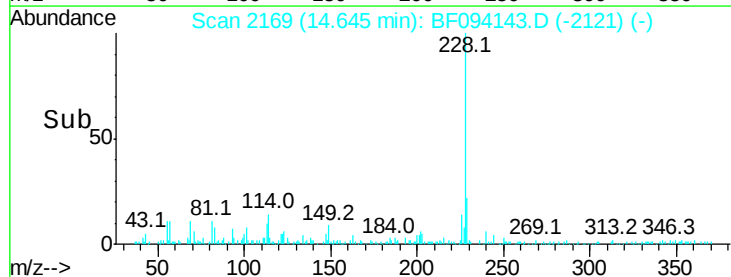
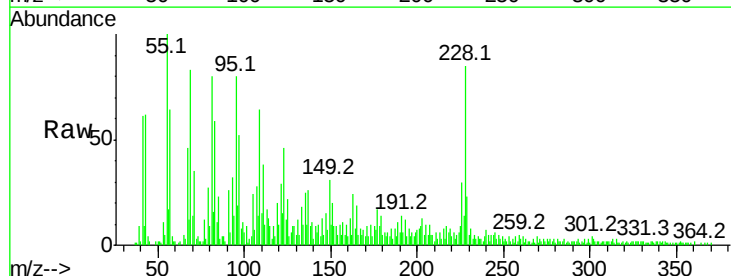
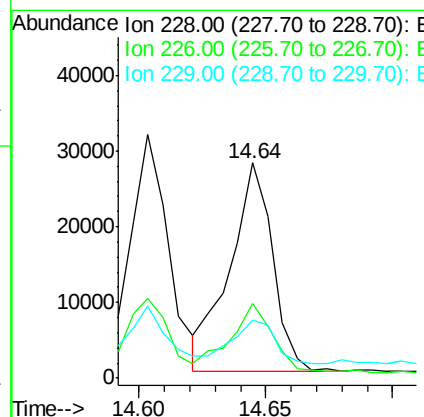
Manual Integrations
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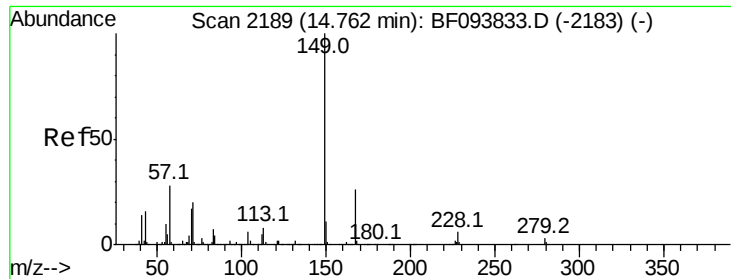
mohammad
4/4/2017 5:34:53 PM



#82
Chrysene
Concen: 2.50 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.9	37.3
229	26.7	15.8	23.6





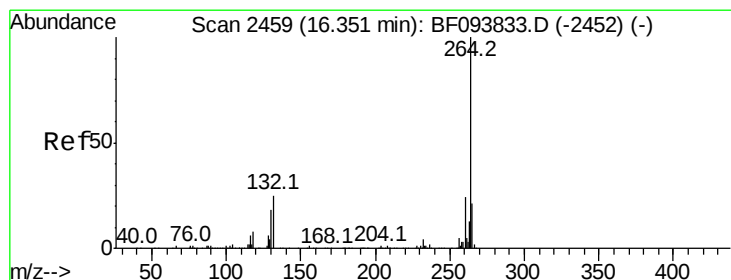
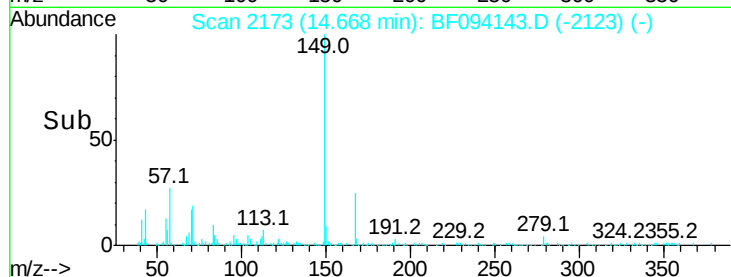
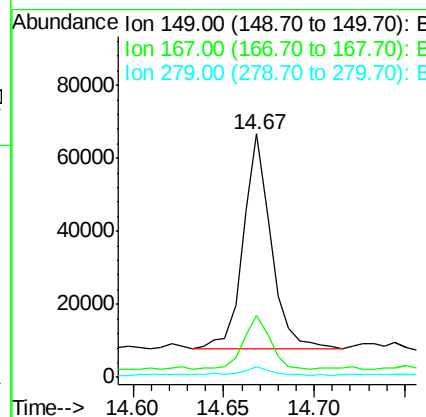
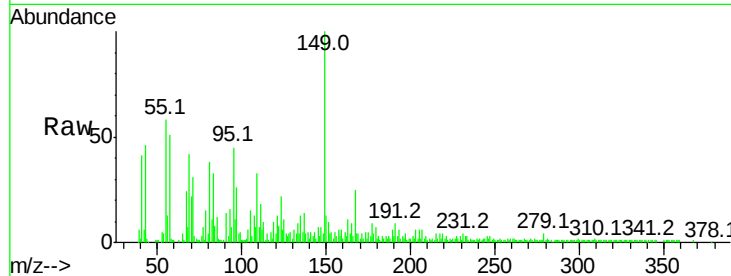
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.10 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	4.3	1.9	2.9

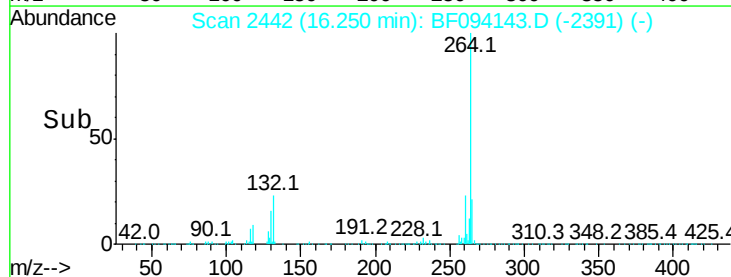
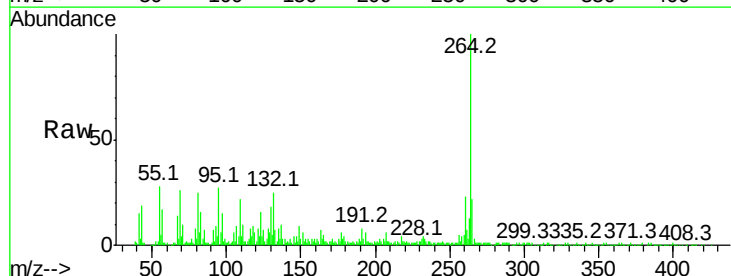
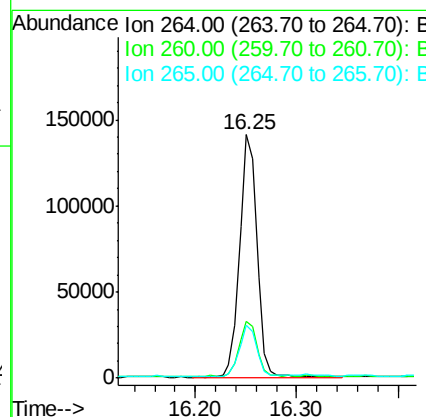
Manual Integrations
APPROVED

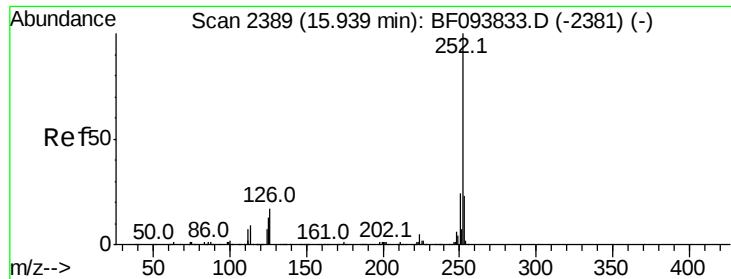
mohammad
4/4/2017 5:34:53 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	17.2	25.8





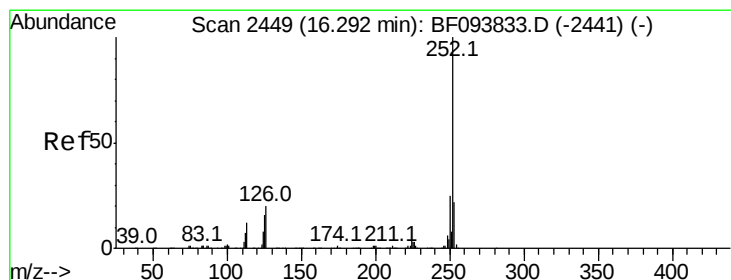
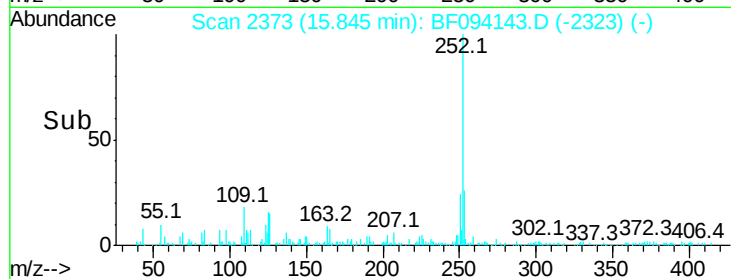
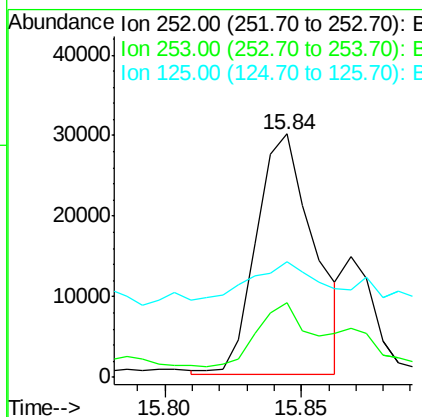
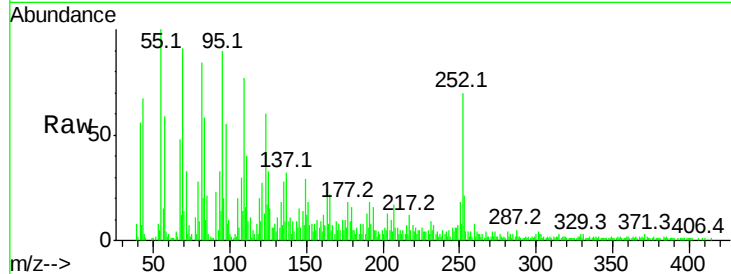
#87
Benzo(b)fluoranthene
Concen: 4.26 ng m
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.1	27.1#
125	47.4	9.8	14.8#

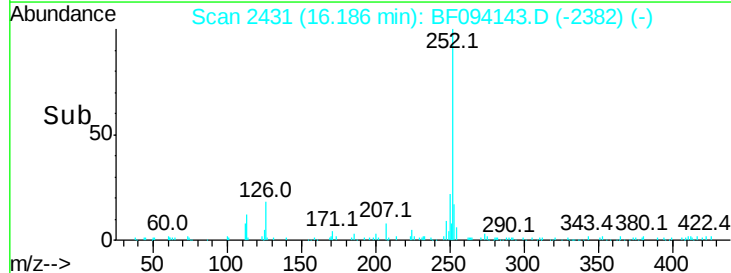
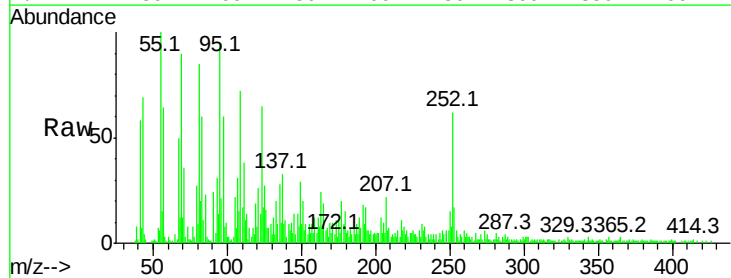
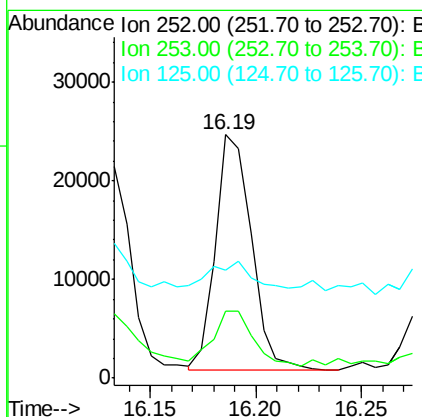
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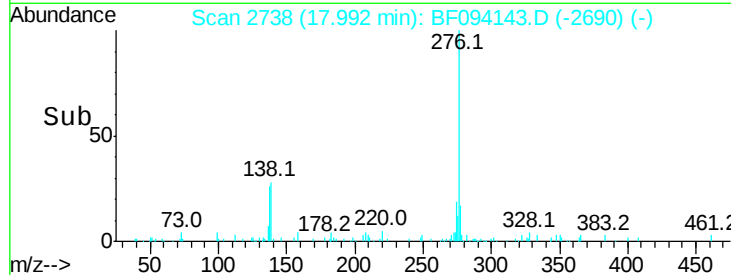
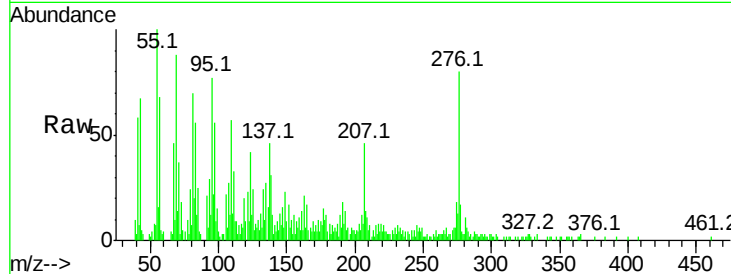
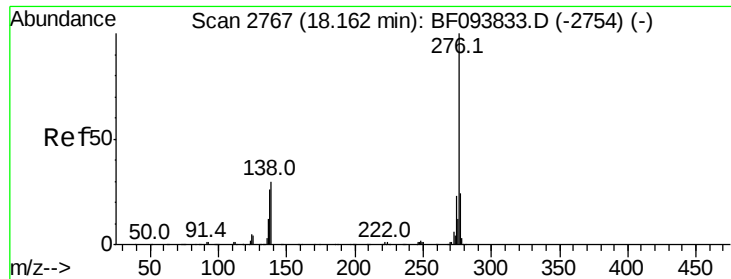
mohammad
4/4/2017 5:34:53 PM



#89
Benzo(a)pyrene
Concen: 2.99 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.5	26.3#
125	44.5	11.0	16.4#





#91
Benzo(a,h,i)perylene
Concen: 3.35 ng
RT: 17.99 min Scan# 2738
Delta R.T. -0.02 min
Lab File: BF094143.D
Acq: 4 Apr 2017 1:31

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	20.9	18.6	28.0
138	38.5	25.4	38.0

Manual Integrations
APPROVED

mohammad
4/4/2017 5:34:53 PM

