

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094134.D
 Acq On : 3 Apr 2017 21:22
 Operator : SJ/MA
 Sample : I2493-06 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP07-COMP

Manual Integrations
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Quant Time: Apr 04 02:12:37 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	136178	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	525165	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	213982	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	316757	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	237411	20.00	ng	-0.01
86) Perylene-d12	16.25	264	199709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	246962	30.63	ng	-0.02
7) Phenol-d6	5.49	99	308415	30.92	ng	-0.02
23) Nitrobenzene-d5	6.53	82	153116	16.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	43270	25.59	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	355394	25.33	ng	-0.02
78) Terphenyl-d14	13.33	244	192823	18.21	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.39	178	79142	4.49	ng	98
74) Fluoranthene	12.85	202	143468	7.95	ng	98
77) Pyrene	13.13	202	145188	8.43	ng	96
79) Butylbenzylphthalate	13.95	149	61897	8.43	ng	# 79
80) Benzo(a)anthracene	14.60	228	76180	5.50	ng	# 93
82) Chrysene	14.64	228	72332	5.63	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.67	149	118750	11.86	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.60	276	58436	5.25	ng	99
87) Benzo(b)fluoranthene	15.84	252	118598m	9.69	ng	
88) Benzo(k)fluoranthene	15.87	252	27542m	2.30	ng	
89) Benzo(a)pyrene	16.19	252	72793	6.46	ng	# 80
91) Benzo(a,h,i)perylene	17.99	276	76411	7.94	ng	99

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

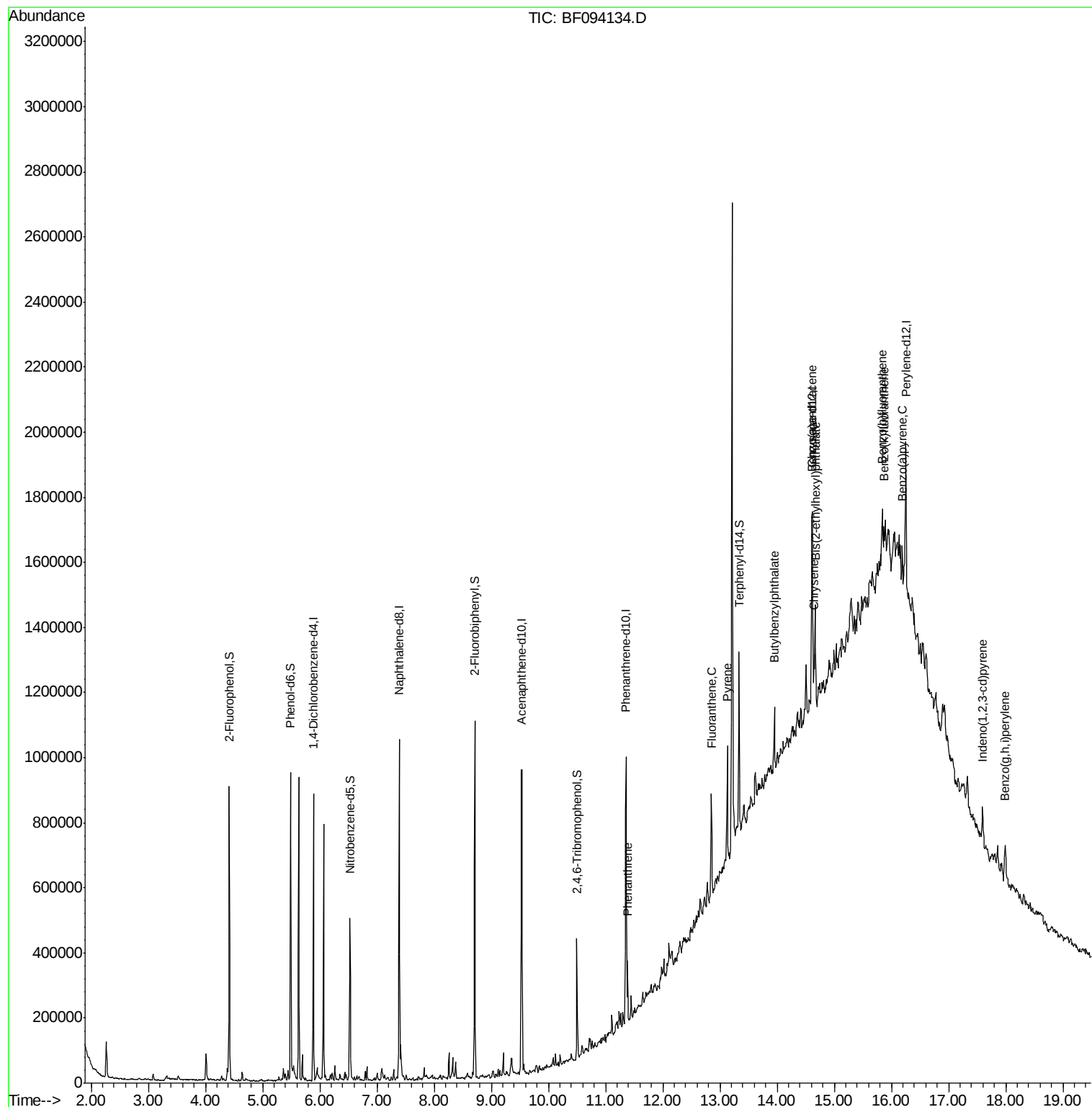
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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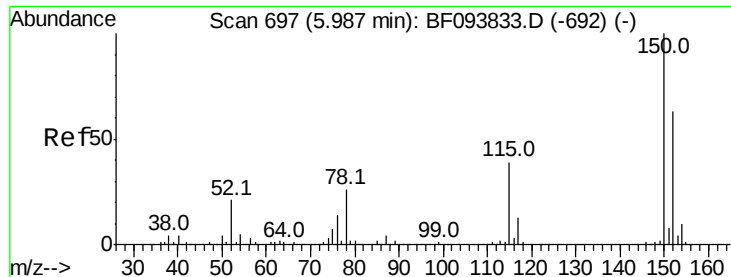
Instrument :
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#1

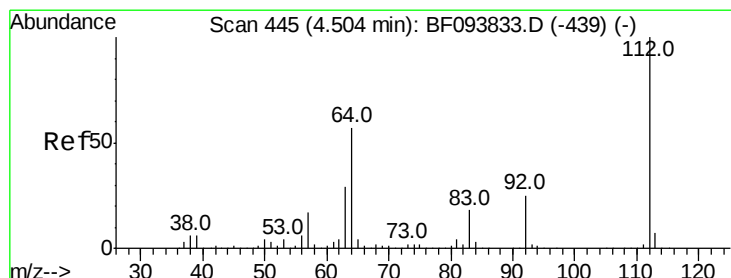
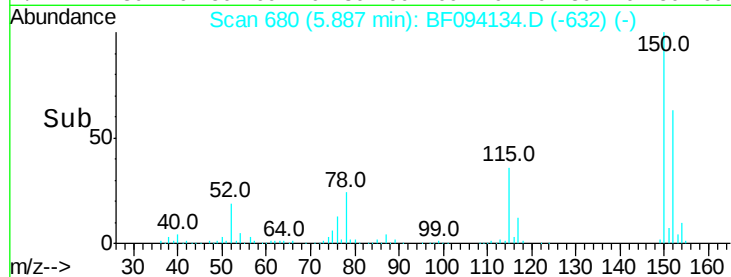
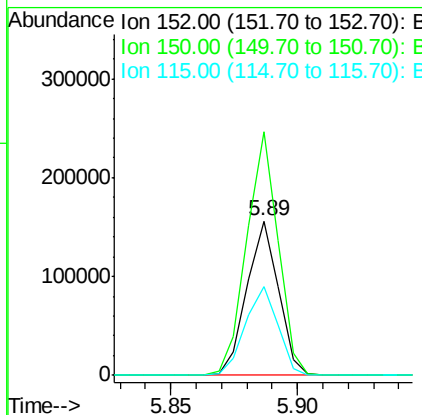
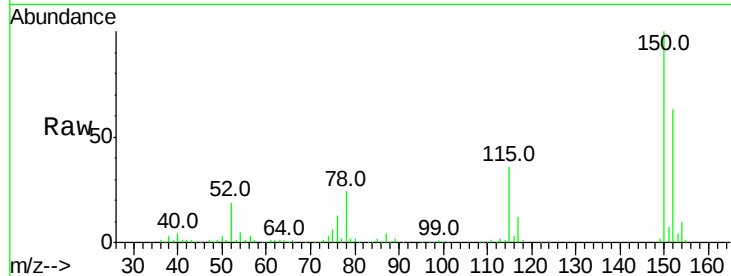
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Instrument :
BNA_F
ClientSampleId :
LSS-SP07-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	57.4	52.2	78.2

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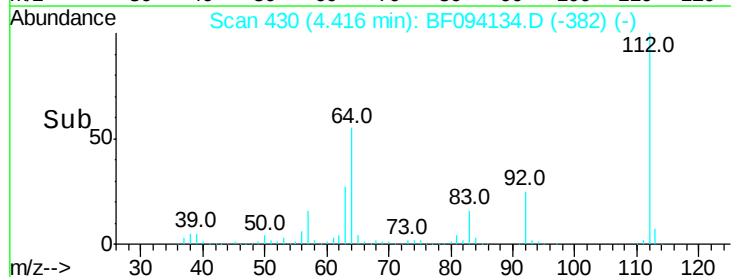
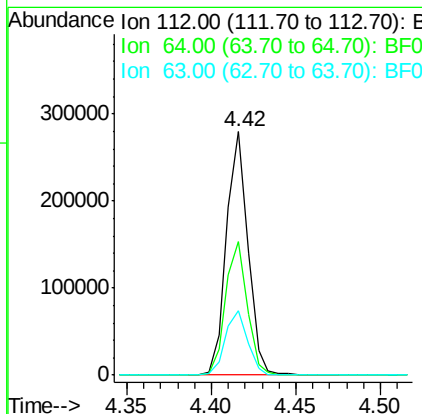
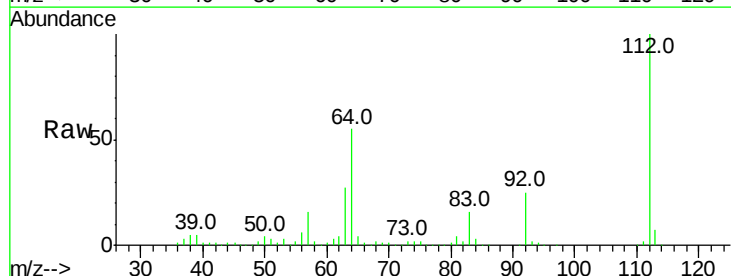
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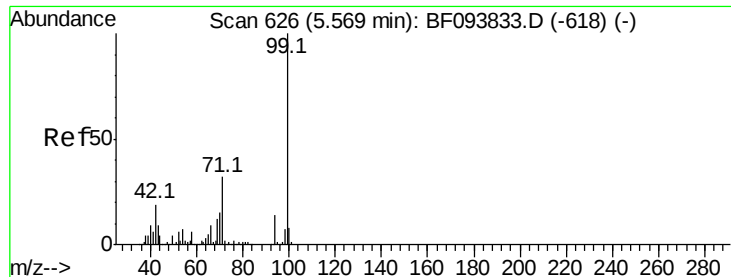


#5

2-Fluorophenol
Concen: 30.63 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.7	23.4	35.0





#7

Phenol-d6

Concen: 30.92 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Instrument :

BNA_F

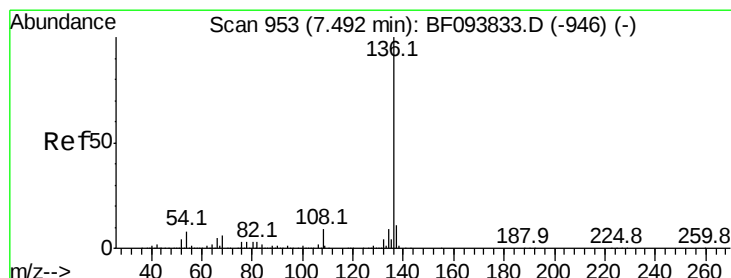
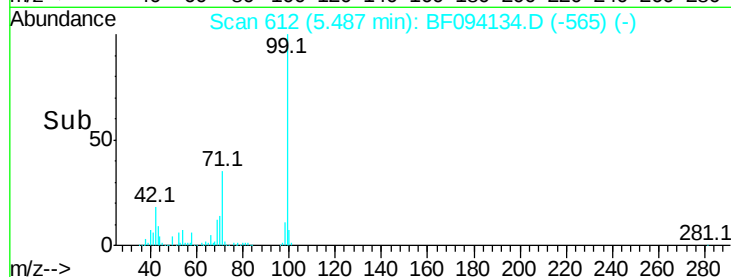
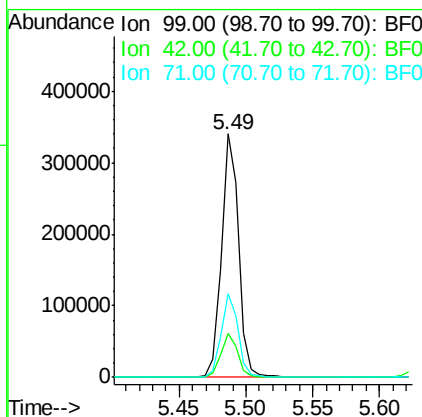
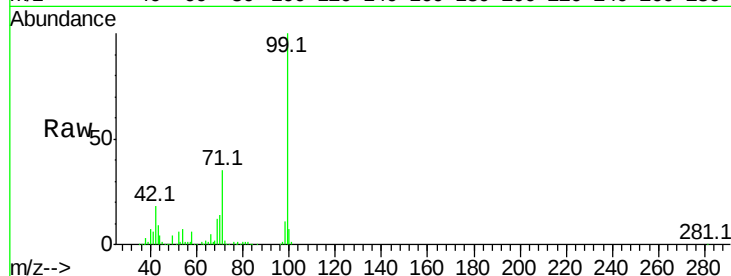
ClientSampleId :

LSS-SP07-COMP

Tot Ion:	99	Resp:	308415
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.5	20.3
71	34.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

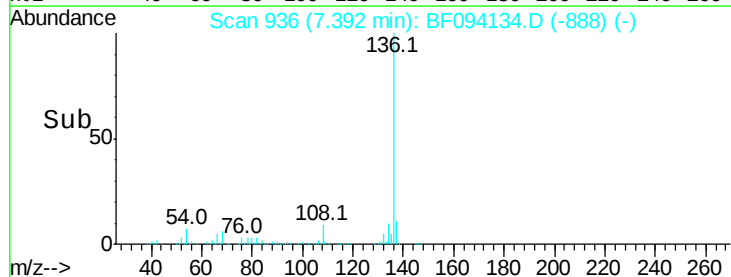
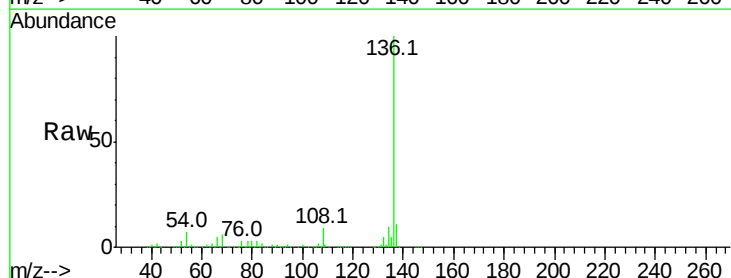
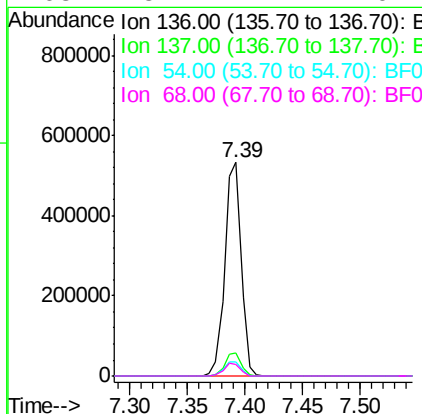
RT: 7.39 min Scan# 936

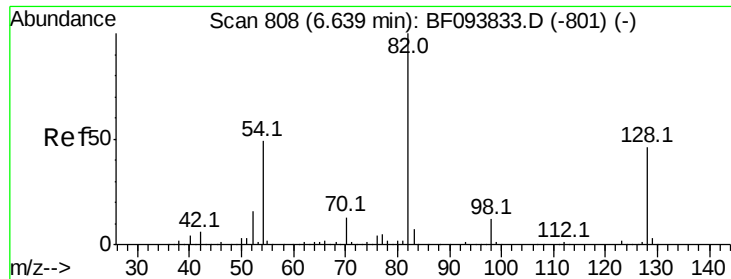
Delta R.T. -0.02 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Tgt Ion:	136	Resp:	525165
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.7	4.9	7.3
68	5.7	4.1	6.1





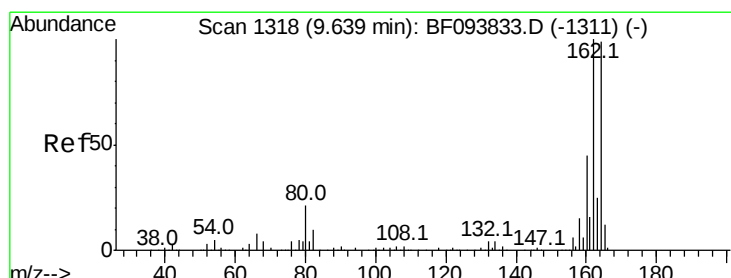
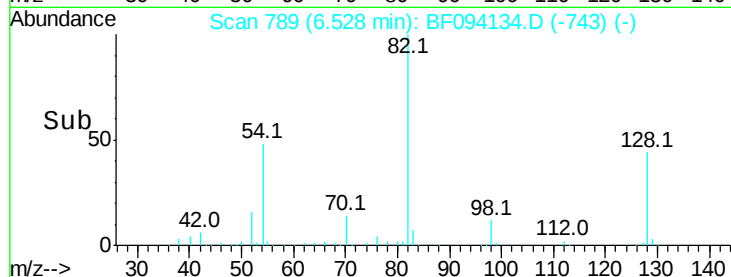
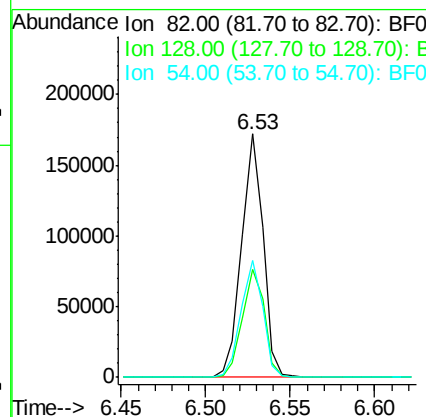
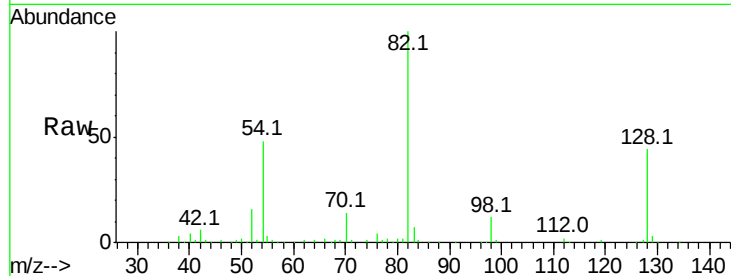
#23
 Nitrobenzene-d5
 Concen: 16.64 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094134.D
 Acq: 3 Apr 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:	82	Resp:	153116
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.0	51.0
54	48.2	42.2	63.2

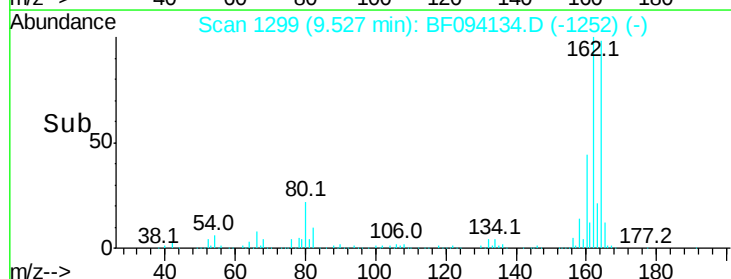
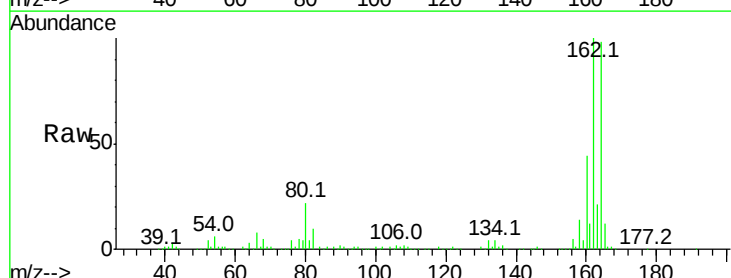
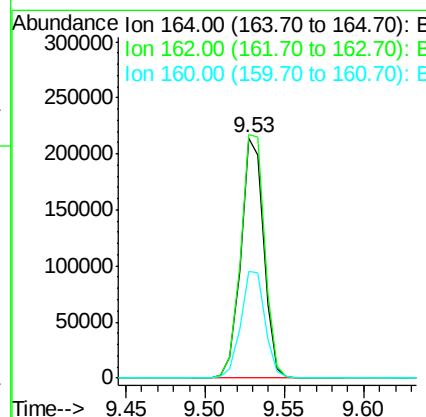
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094134.D
 Acq: 3 Apr 2017 21:22

Tgt Ion:	164	Resp:	213982
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.6	123.8
160	44.4	36.2	54.2





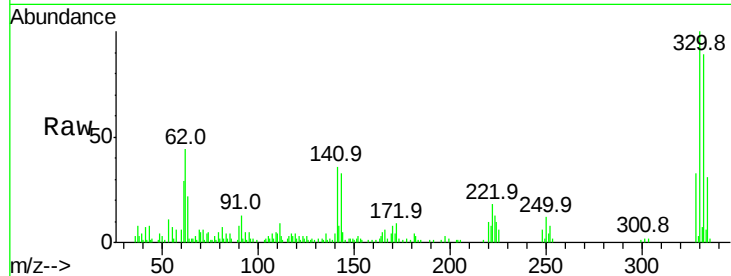
#41
 2,4,6-Tribromophenol
 Concen: 25.59 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094134.D
 Acq: 3 Apr 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP07-COMP

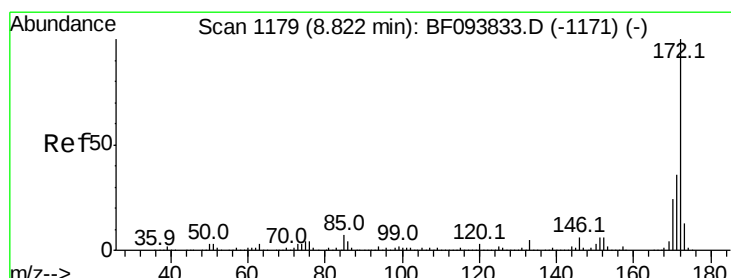
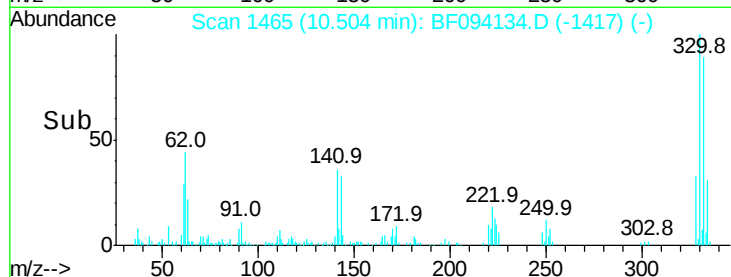
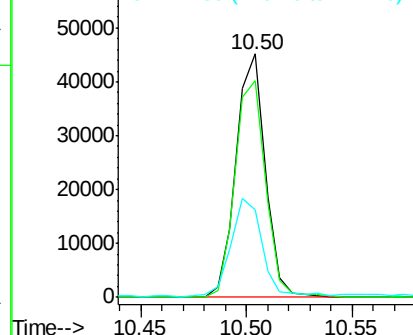
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.6	115.0
141	45.3	31.4	47.2

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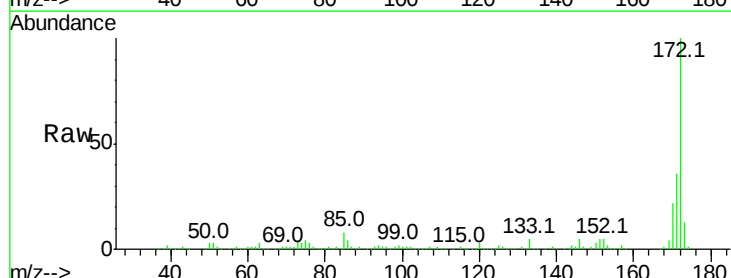


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

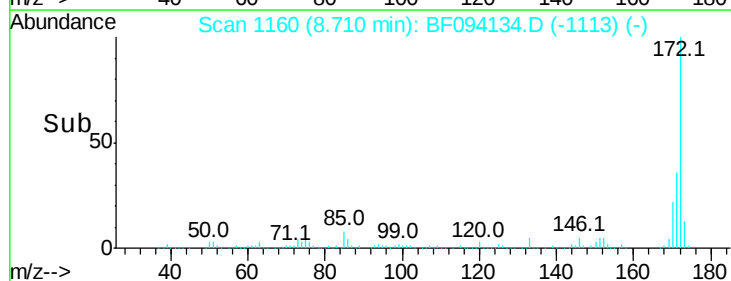
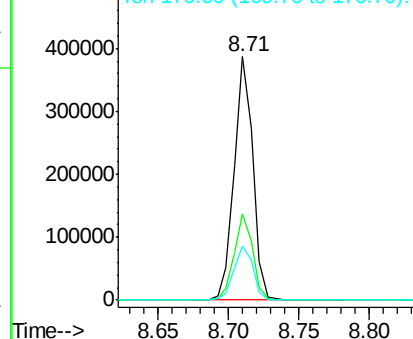


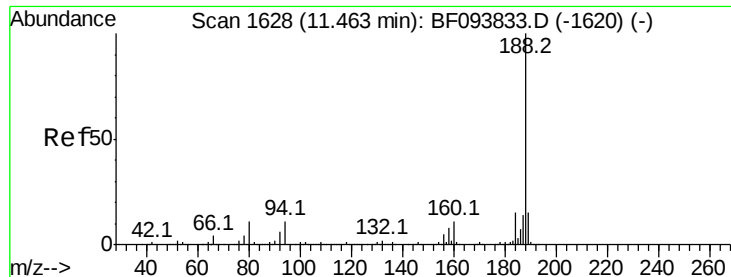
#44
 2-Fluorobiphenyl
 Concen: 25.33 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094134.D
 Acq: 3 Apr 2017 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.3	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: BF094134.D

Acq: 3 Apr 2017 21:22

Instrument :

BNA_F

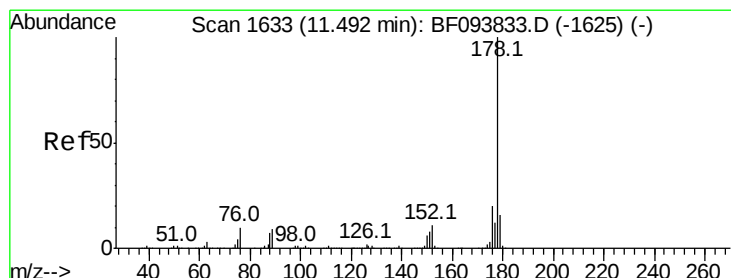
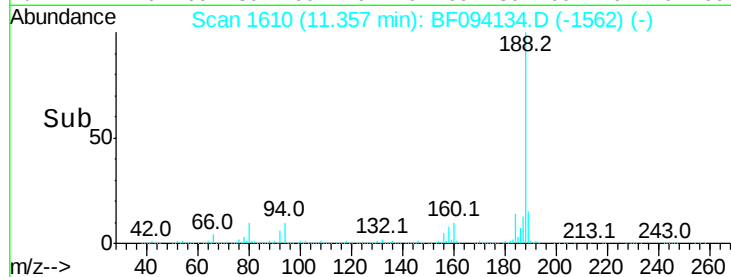
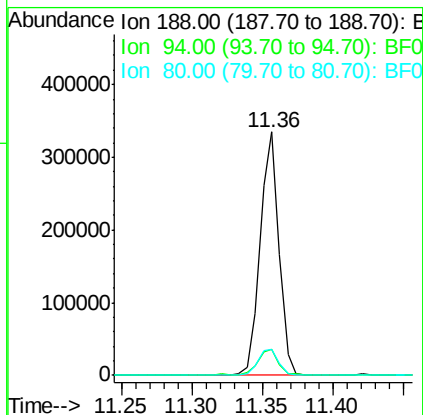
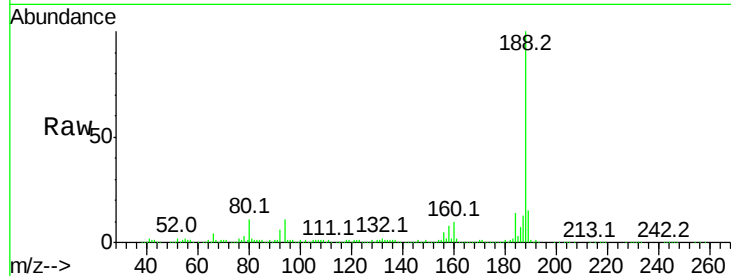
ClientSampleId :

LSS-SP07-COMP

Tot Ion:	188	Resp:	316757
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	10.6	10.2	15.2

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#70

Phenanthrene

Concen: 4.49 ng

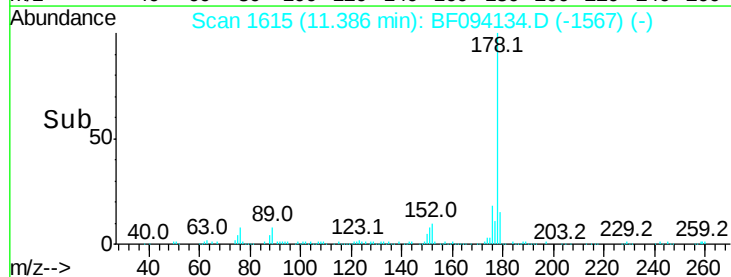
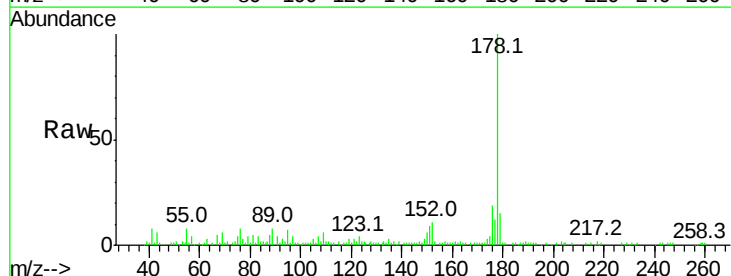
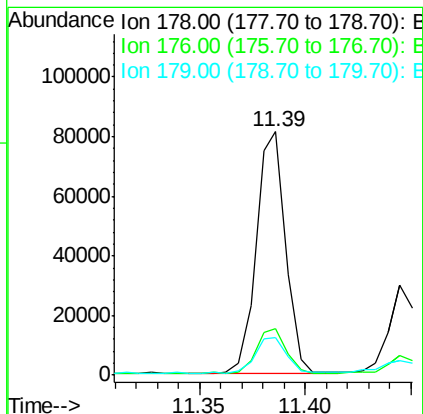
RT: 11.39 min Scan# 1615

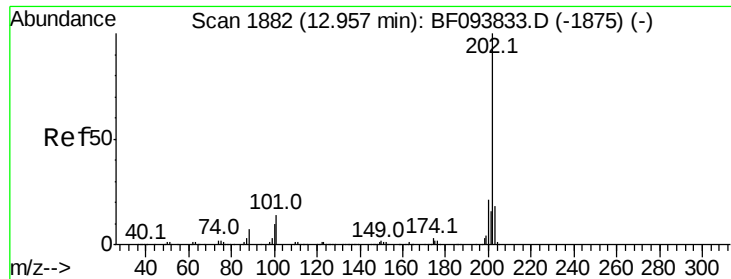
Delta R.T. -0.02 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Tgt Ion:	178	Resp:	79142
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.4
179	15.5	12.6	19.0





#74

Fluoranthene

Concen: 7.95 ng

RT: 12.85 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Instrument :

BNA_F

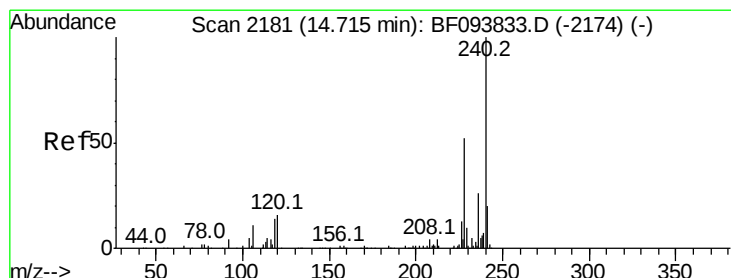
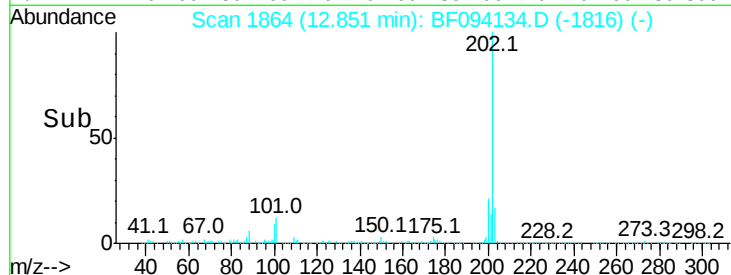
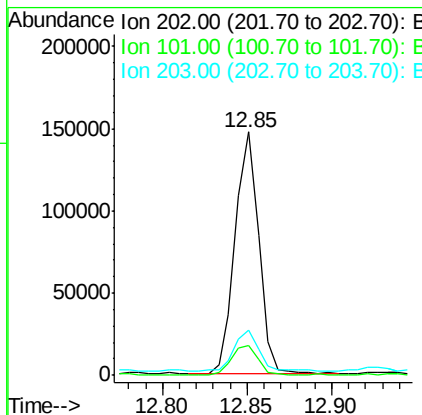
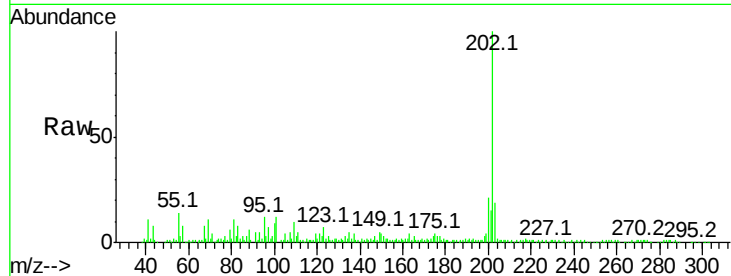
ClientSampleId :

LSS-SP07-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	33.2
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

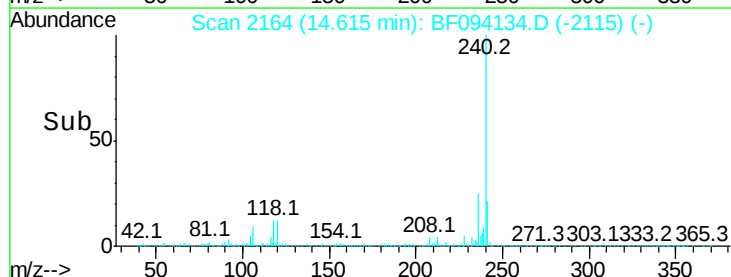
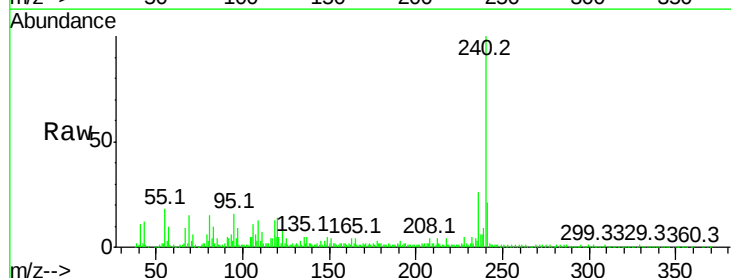
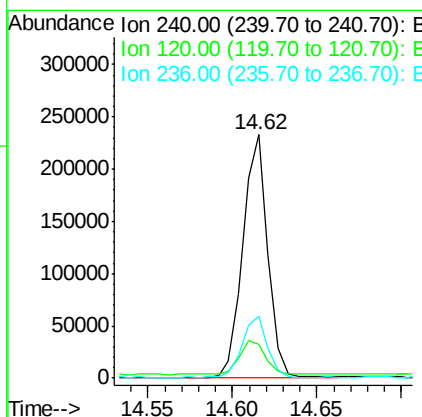
RT: 14.62 min Scan# 2164

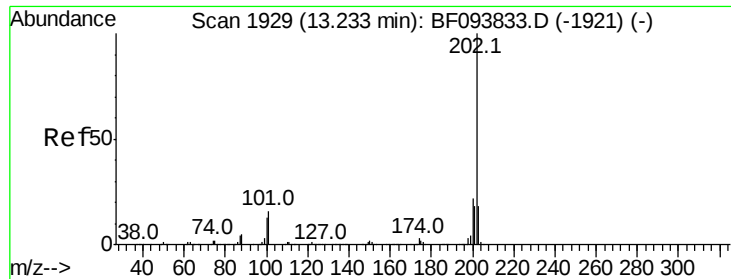
Delta R.T. -0.01 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.5	20.5	30.7





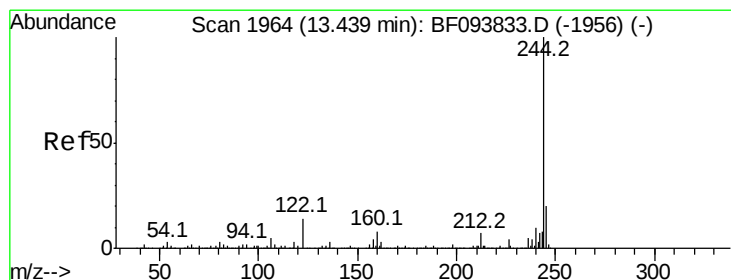
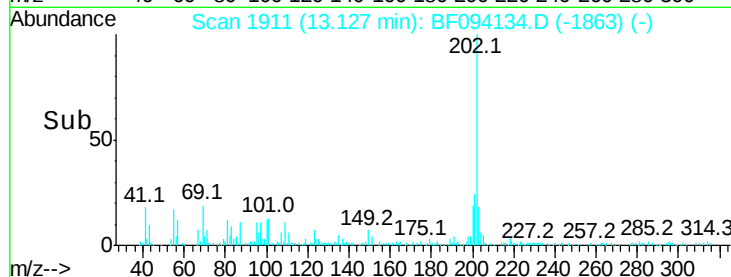
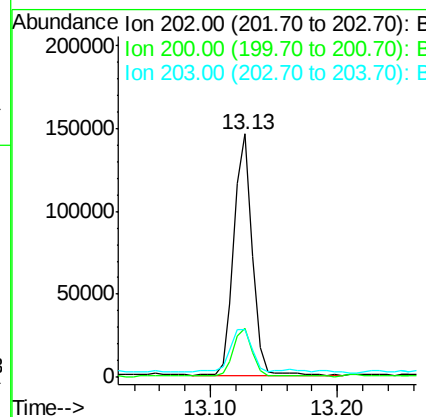
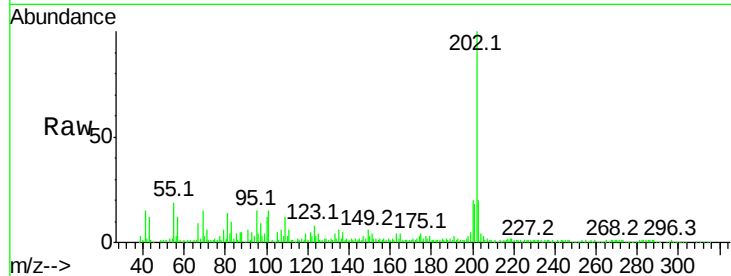
#77
Pvrene
Concen: 8.43 ng
RT: 13.13 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Instrument :
BNA_F
ClientSampleId :
LSS-SP07-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.2	17.6	26.4	
203	19.8	14.4	21.6	

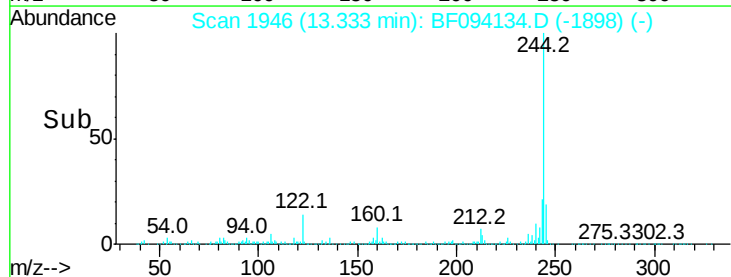
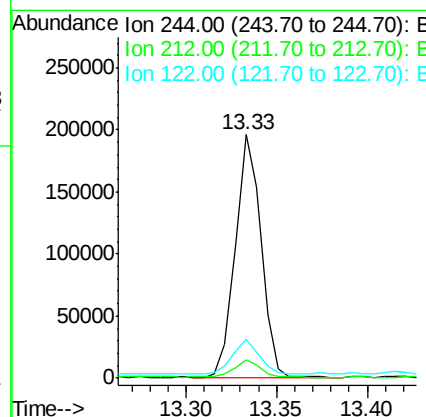
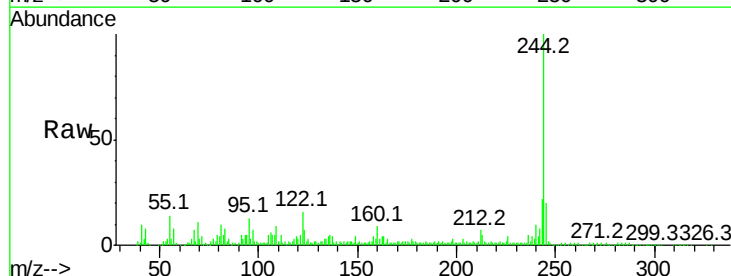
Manual Integrations
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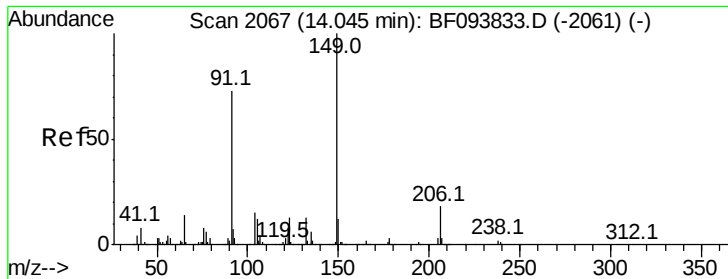
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#78
Terphenyl-d14
Concen: 18.21 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.0	9.0	
122	15.7	10.3	15.5#	





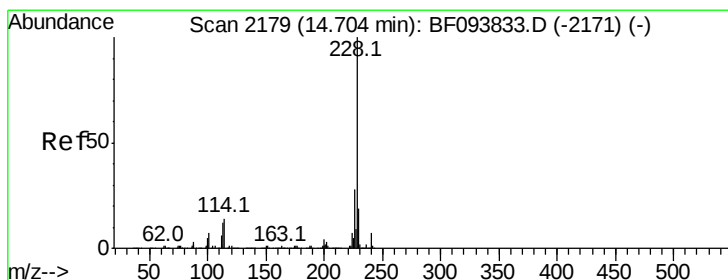
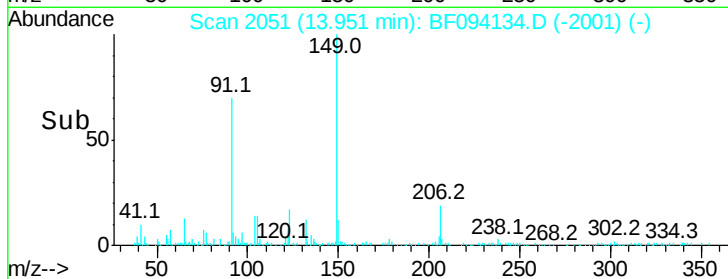
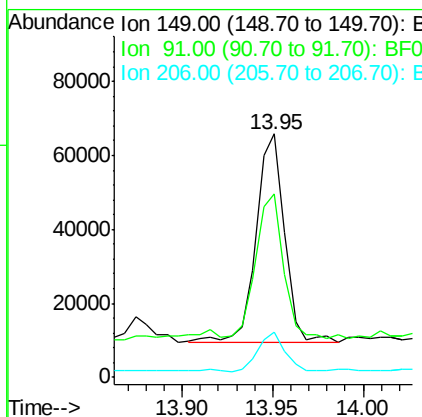
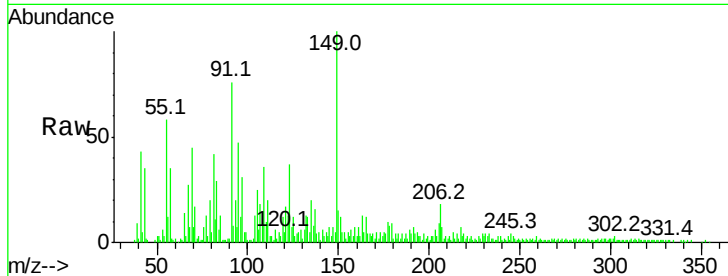
#79
Butylbenzylphthalate
Concen: 8.43 ng
RT: 13.95 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Instrument :
BNA_F
ClientSampleId :
LSS-SP07-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	45.0	67.4#
206	18.5	17.0	25.6

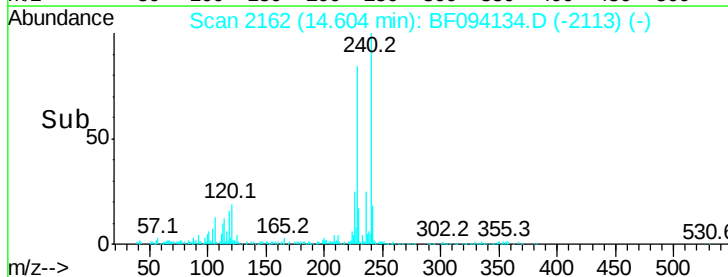
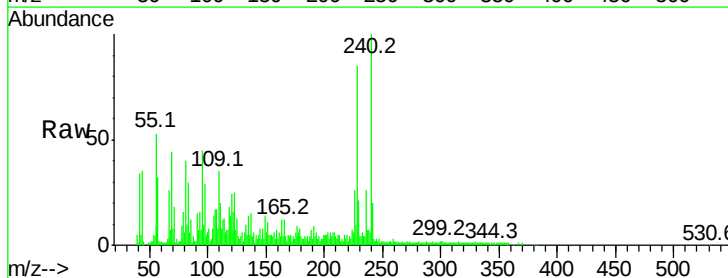
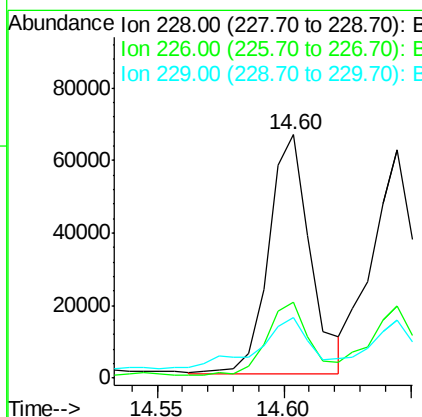
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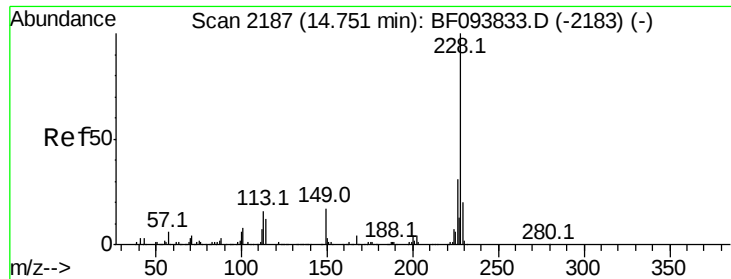
mohammad
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#80
Benzo(a)anthracene
Concen: 5.50 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	24.7	16.3	24.5#





#82

Chrysene

Concen: 5.63 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Instrument :

BNA_F

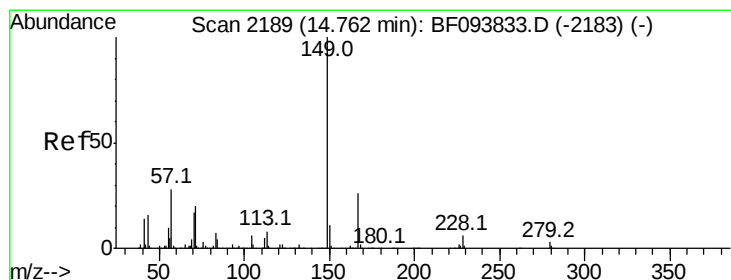
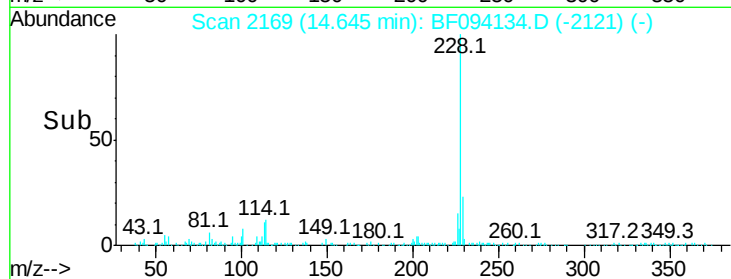
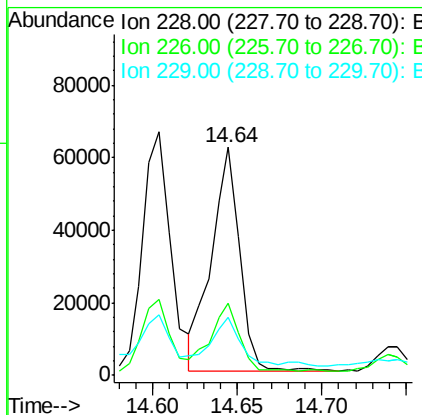
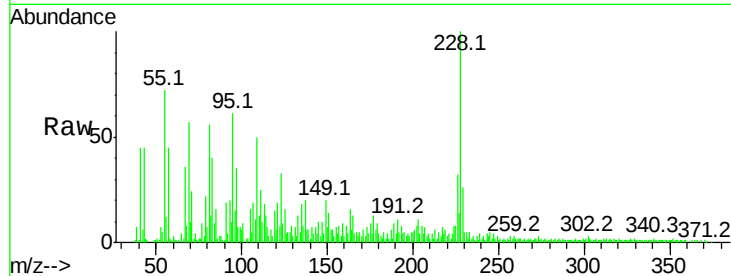
ClientSampleId :

LSS-SP07-COMP

Tot Ion:	228	Resp:	72332
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	25.6	15.8	23.6#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 11.86 ng

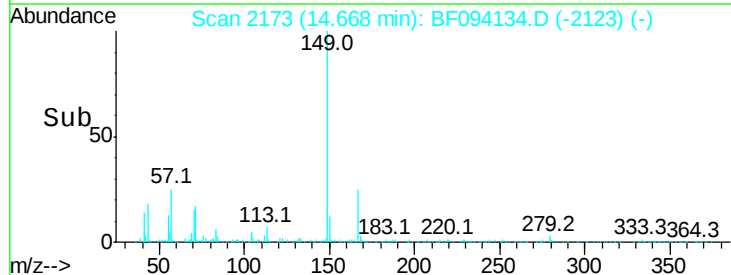
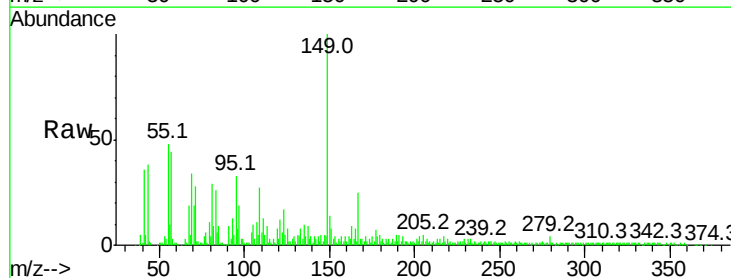
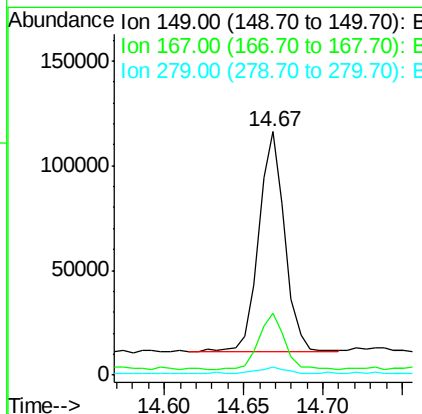
RT: 14.67 min Scan# 2173

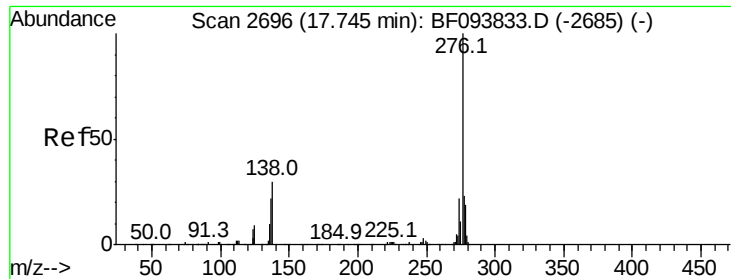
Delta R.T. -0.01 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Tgt Ion:	149	Resp:	118750
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.0	31.4
279	3.6	1.9	2.9#





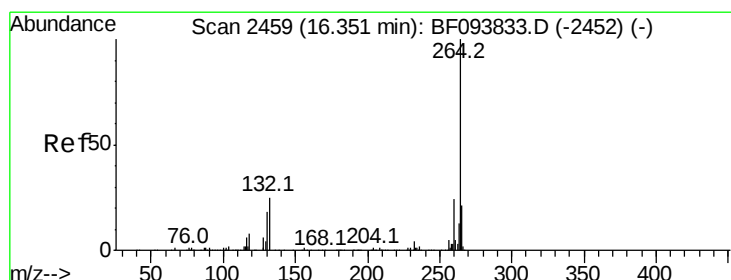
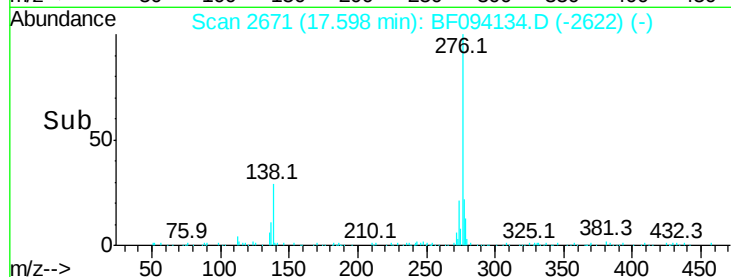
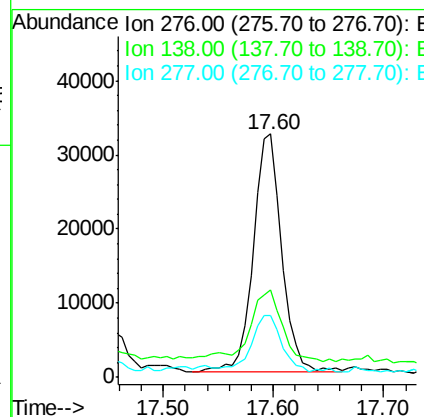
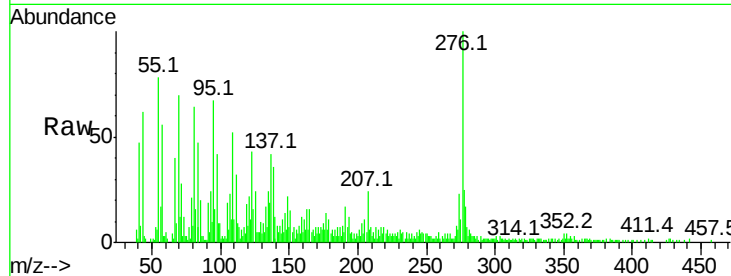
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.25 ng
RT: 17.60 min Scan# 2671
Delta R.T. -0.01 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Instrument :
BNA_F
ClientSampleId :
LSS-SP07-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.8	20.2	30.4

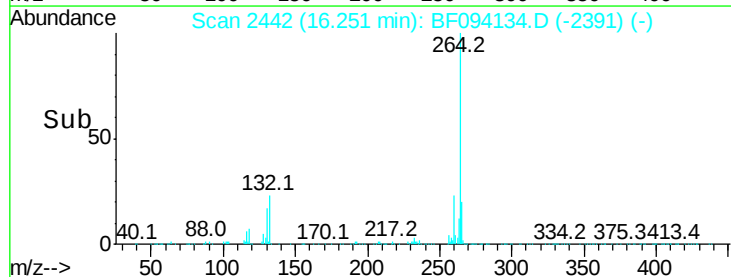
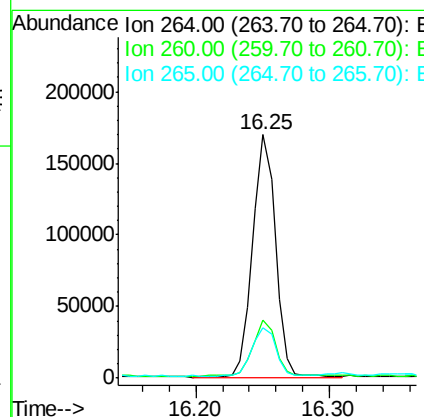
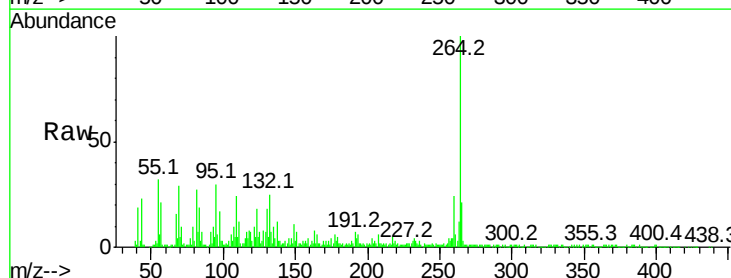
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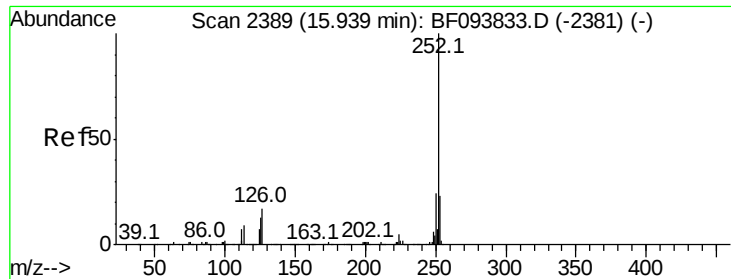
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094134.D
Acq: 3 Apr 2017 21:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 9.69 ng m

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Instrument :

BNA_F

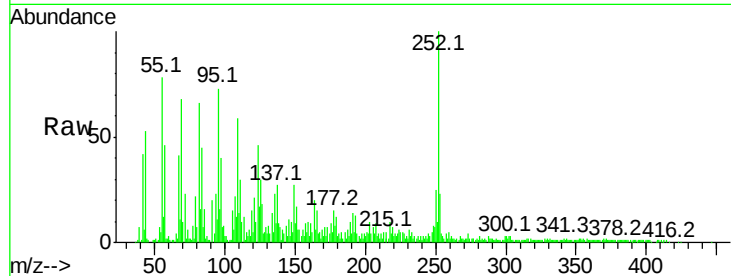
ClientSampleId :

LSS-SP07-COMP

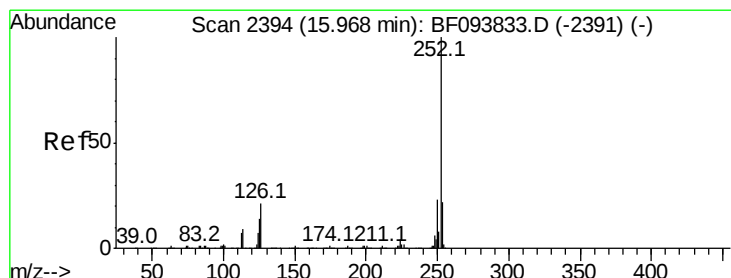
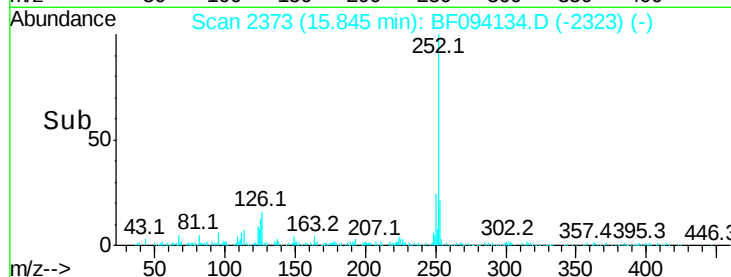
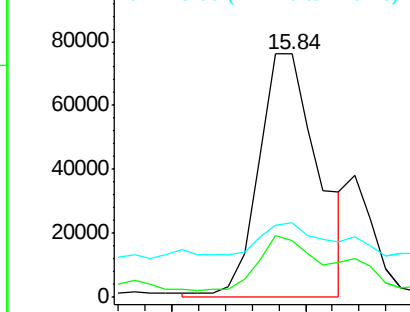
Tot Ion:	252	Resp:	118598
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.1	27.1
125	30.5	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.30 ng m

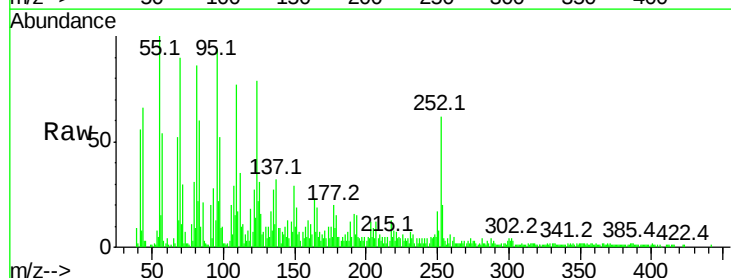
RT: 15.87 min Scan# 2377

Delta R.T. -0.01 min

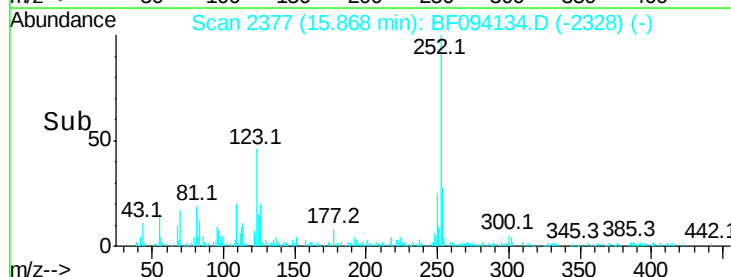
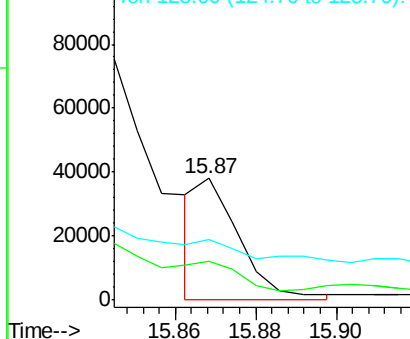
Lab File: BF094134.D

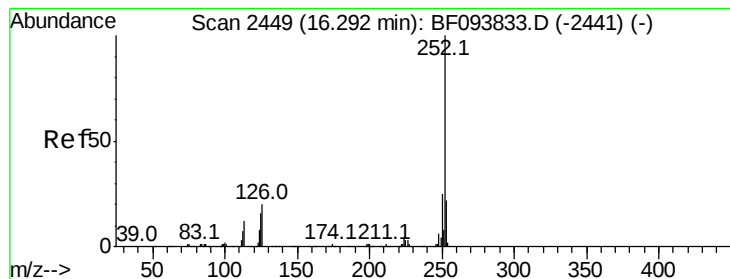
Acq: 3 Apr 2017 21:22

Tgt Ion:	252	Resp:	27542
Ion Ratio	Lower	Upper	
252	100		
253	32.3	18.4	27.6#
125	49.8	13.1	19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.46 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Instrument :

BNA_F

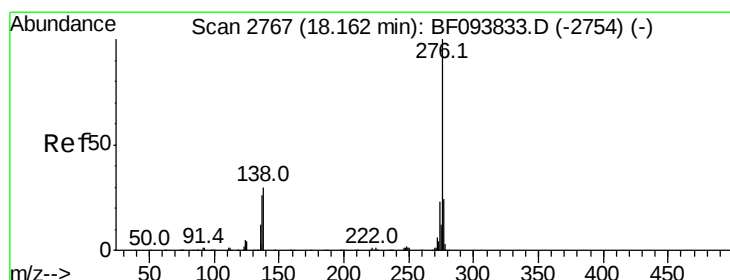
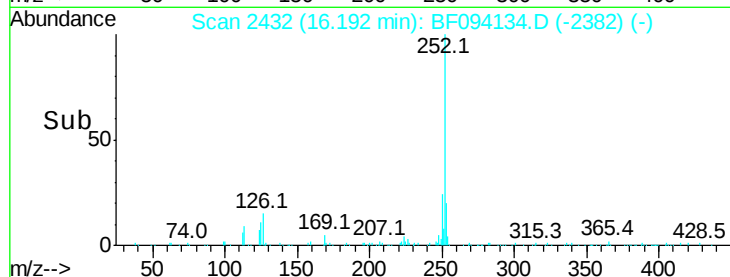
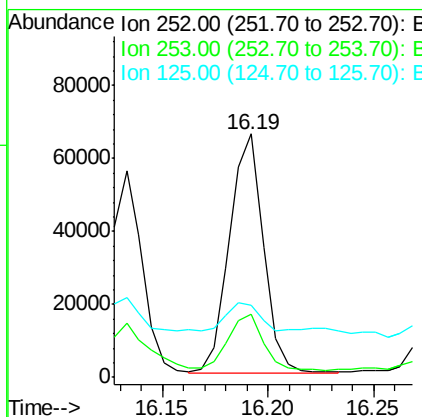
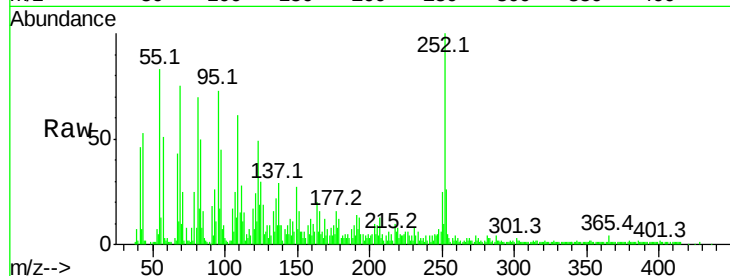
ClientSampleId :

LSS-SP07-COMP

Tot Ion:	252	Resp:	72793
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.5	26.3
125	29.6	11.0	16.4#

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#91

Benzo(g,h,i)perylene

Concen: 7.94 ng

RT: 17.99 min Scan# 2738

Delta R.T. -0.02 min

Lab File: BF094134.D

Acq: 3 Apr 2017 21:22

Tgt Ion:	276	Resp:	76411
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	31.3	25.4	38.0

