

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094141.D
 Acq On : 4 Apr 2017 00:35
 Operator : SJ/MA
 Sample : I2495-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP02-COMP

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Quant Time: Apr 04 03:08:18 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	161934	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	620505	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	247487	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	379707	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	304620	20.00	ng	-0.01
86) Perylene-d12	16.26	264	213793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	214246	22.35	ng	-0.02
7) Phenol-d6	5.49	99	269998	22.76	ng	-0.02
23) Nitrobenzene-d5	6.53	82	112160	10.32	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	35120	17.96	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	304677	18.78	ng	-0.02
78) Terphenyl-d14	13.34	244	185533	13.65	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	5.38	77	18482	2.31	ng	96
70) Phenanthrene	11.39	178	91331	4.32	ng	98
74) Fluoranthene	12.85	202	105929	4.90	ng	99
77) Pyrene	13.13	202	121568m	5.50	ng	
79) Butylbenzylphthalate	13.95	149	61222	6.50	ng	# 83
80) Benzo(a)anthracene	14.60	228	52304	2.94	ng	# 95
82) Chrysene	14.65	228	53412	3.24	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.67	149	99137	7.71	ng	# 100
87) Benzo(b)fluoranthene	15.84	252	54563m	4.16	ng	
89) Benzo(a)pyrene	16.19	252	37061	3.07	ng	# 63
91) Benzo(g,h,i)perylene	17.99	276	33409	3.24	ng	93

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

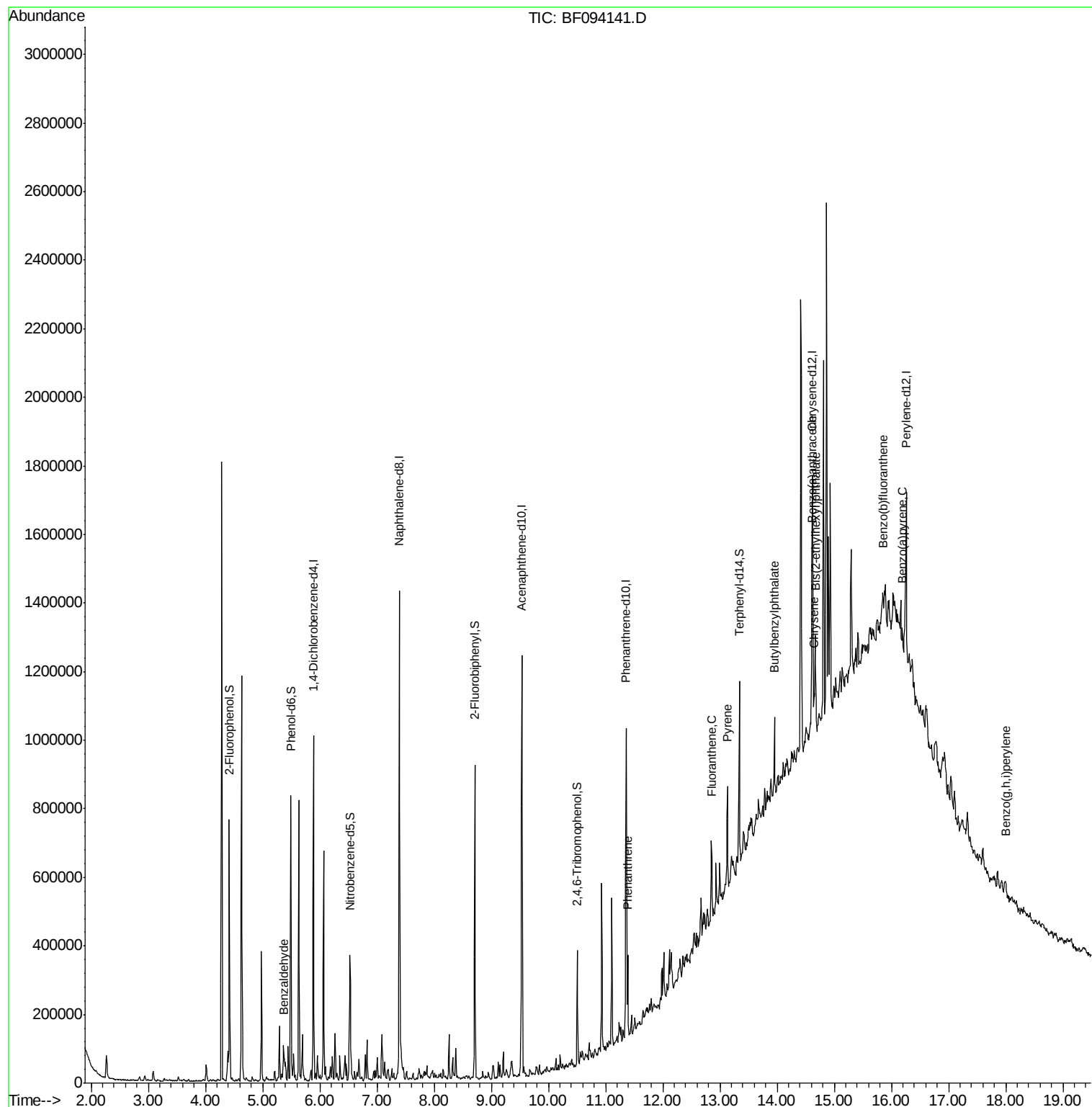
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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ALS Vial : 25 Sample Multiplier: 1

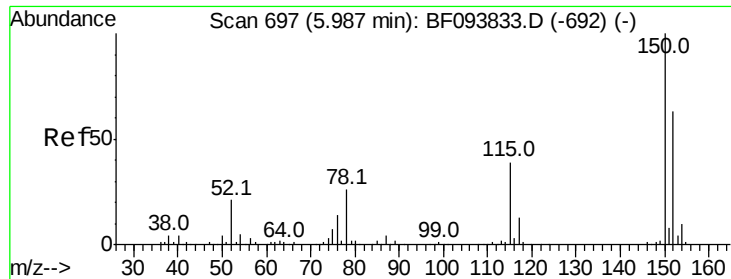
Instrument :
BNA_F
ClientSampleID :
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#1

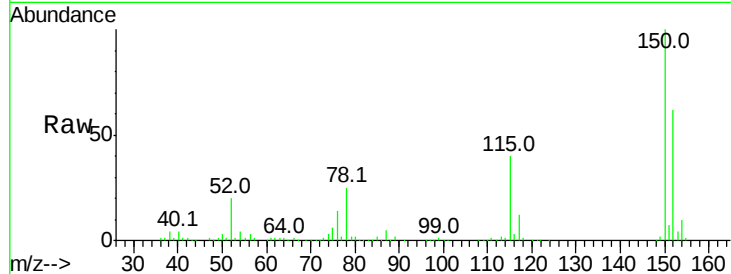
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094141.D
Acq: 4 Apr 2017 00:35

Instrument :
BNA_F
ClientSampleId :
LSS-SP02-COMP

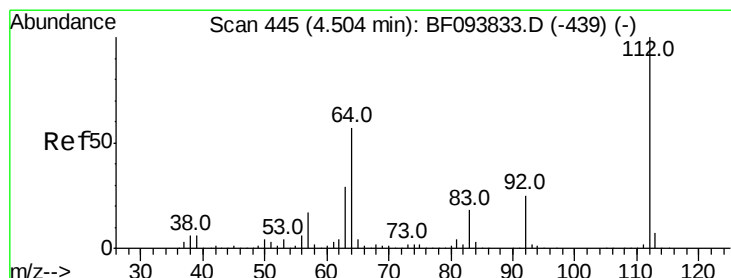
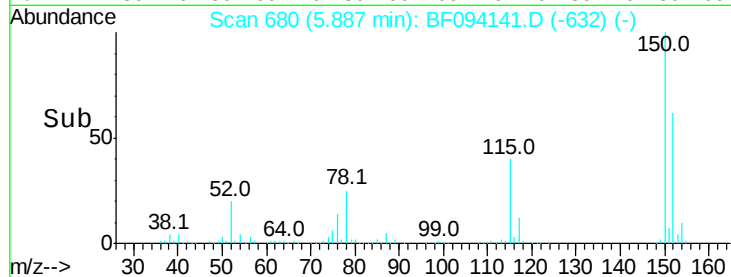
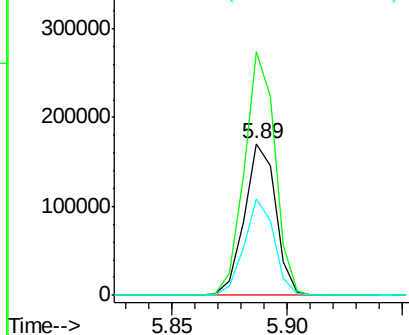
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	63.9	52.2	78.2

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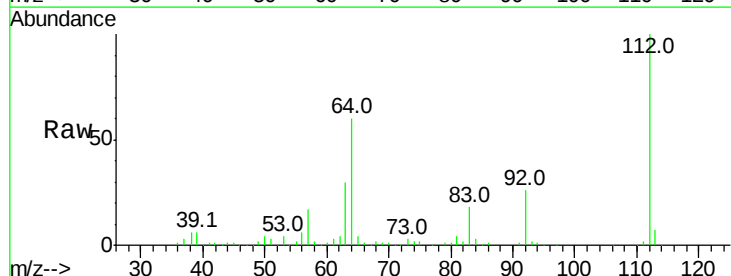
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



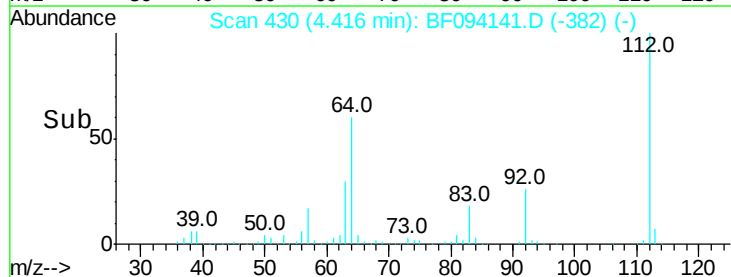
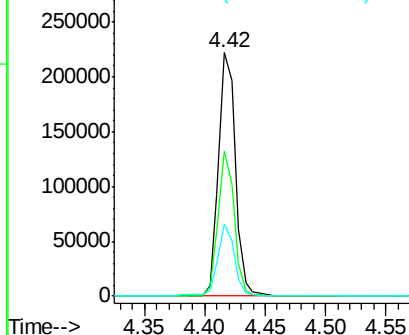
#5

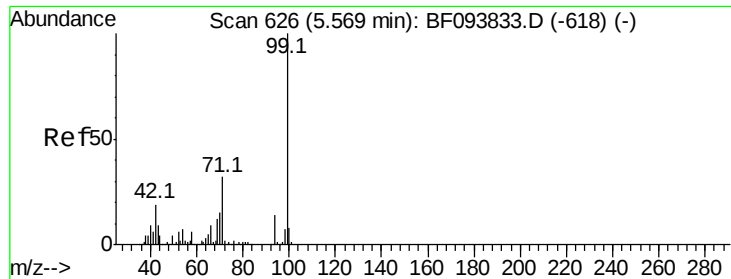
2-Fluorophenol
Concen: 22.35 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094141.D
Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.0	69.0
63	29.9	23.4	35.0



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: 22.76 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Instrument :

BNA_F

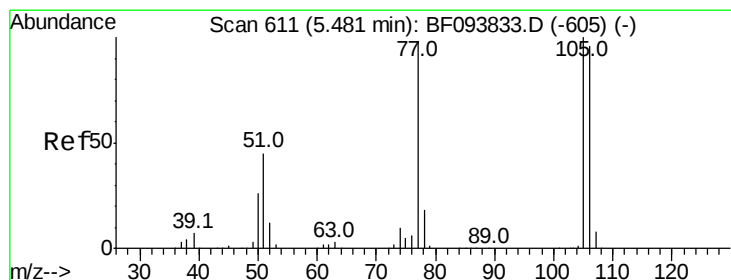
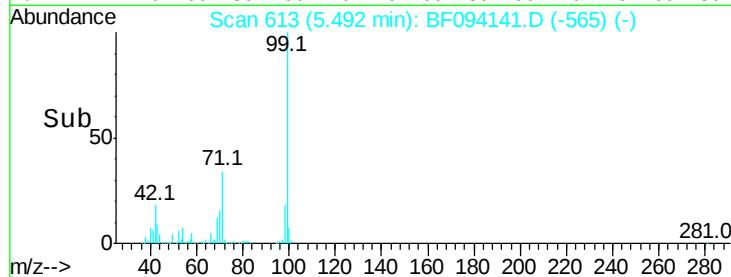
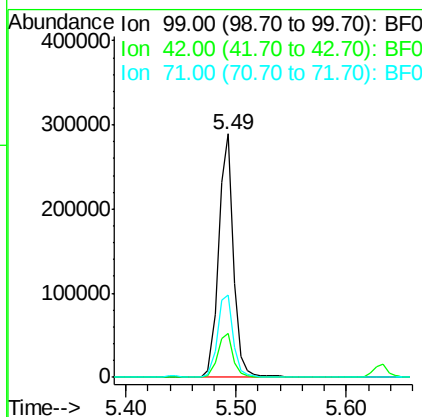
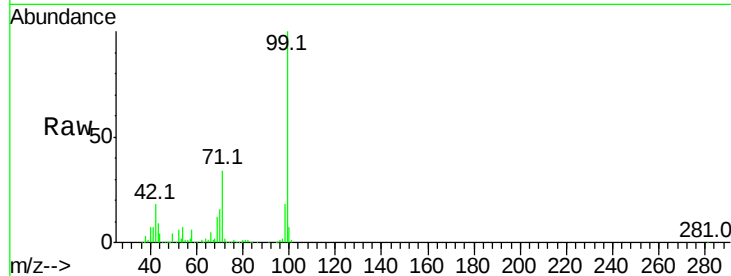
ClientSampleId :

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Tot Ion	99	Resp	269998
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.5	20.3
71	34.0	24.5	36.7

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#9

Benzaldehyde

Concen: 2.31 ng

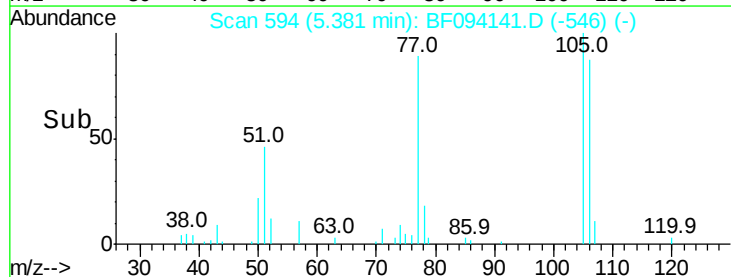
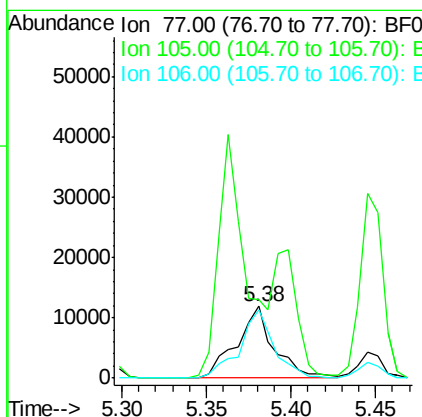
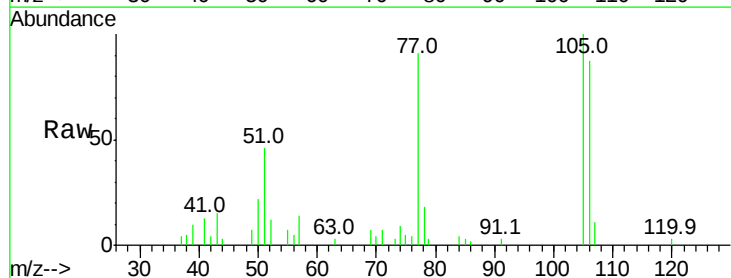
RT: 5.38 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Tgt Ion	77	Resp	18482
Ion Ratio	Lower	Upper	
77	100		
105	109.7	83.8	123.8
106	96.0	79.1	119.1





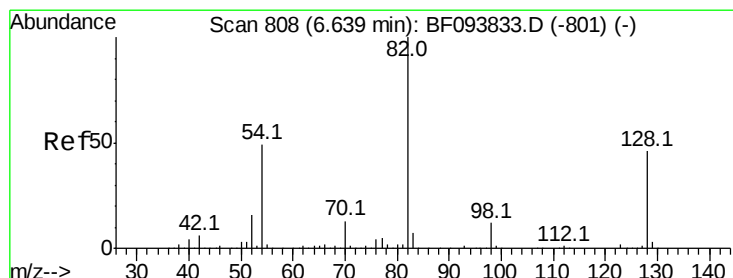
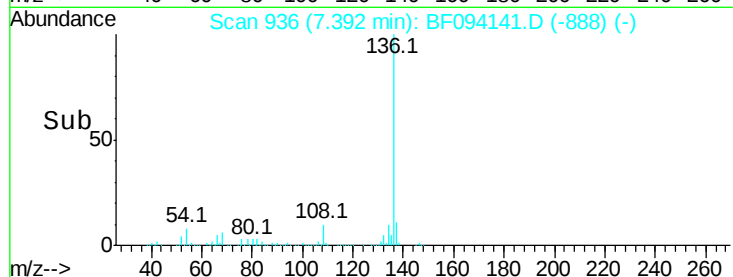
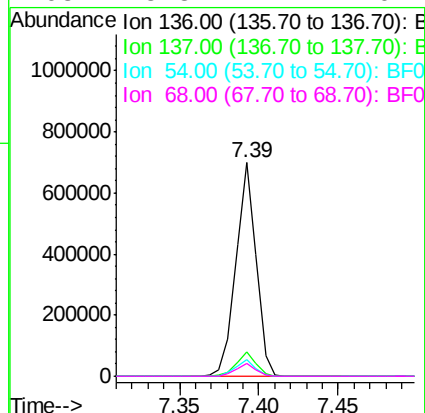
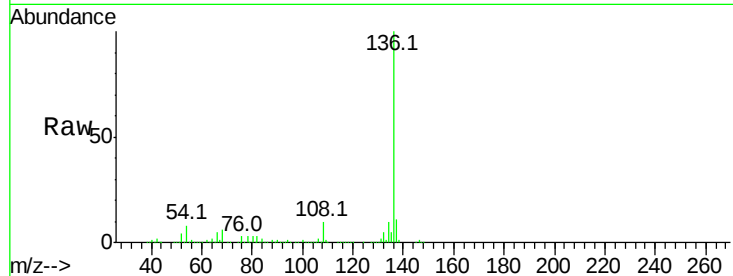
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094141.D
Acq: 4 Apr 2017 00:35

Instrument :
BNA_F
ClientSampleId :
LSS-SP02-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.6	4.9	7.3#
68	5.8	4.1	6.1

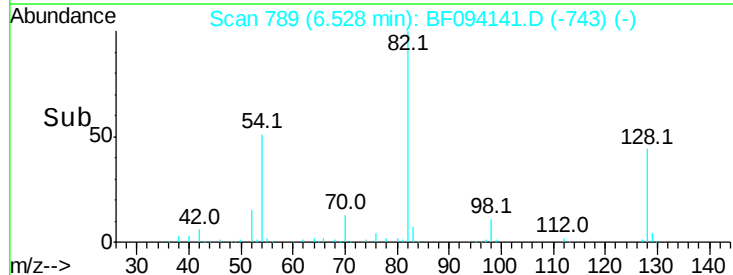
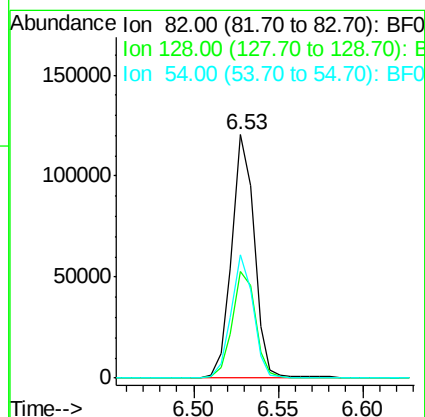
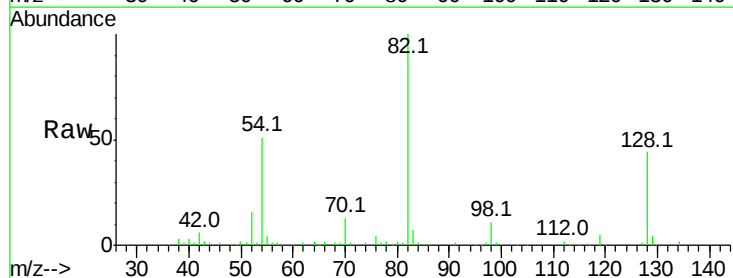
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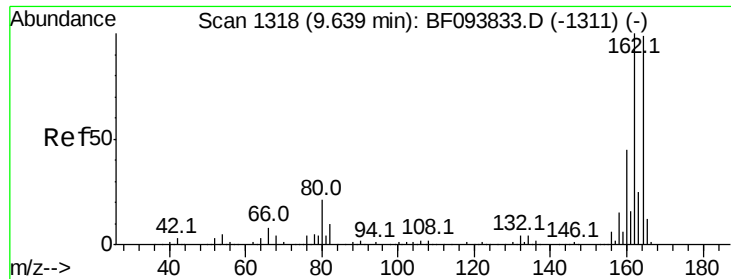
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#23
Nitrobenzene-d5
Concen: 10.32 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094141.D
Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	34.0	51.0
54	50.6	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Instrument :

BNA_F

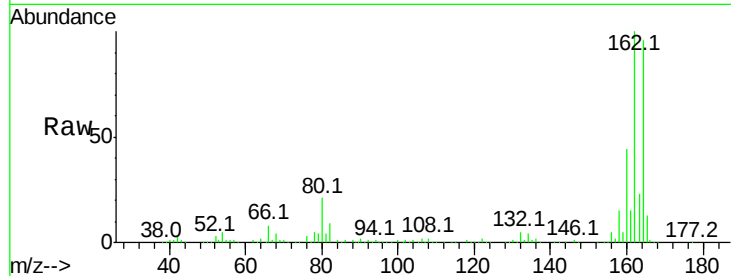
ClientSampleId :

LSS-SP02-COMP

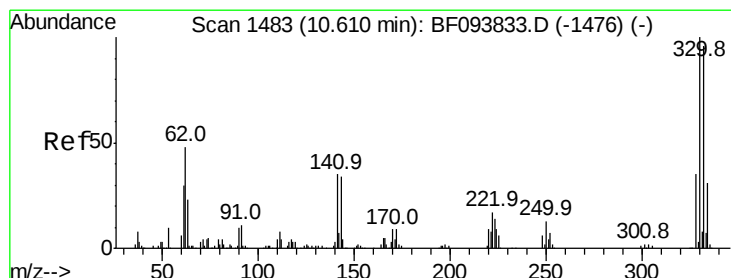
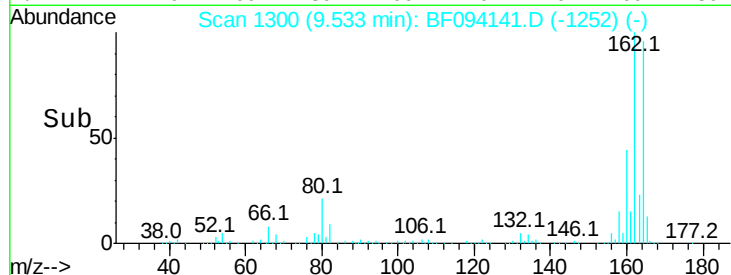
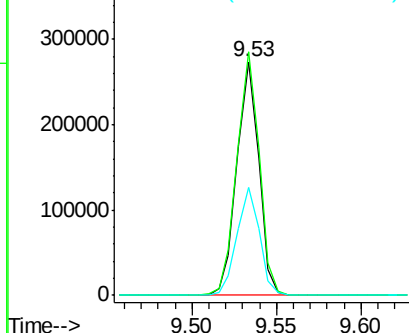
Tot Ion:	164	Resp:	247487
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.6	123.8
160	46.2	36.2	54.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 17.96 ng

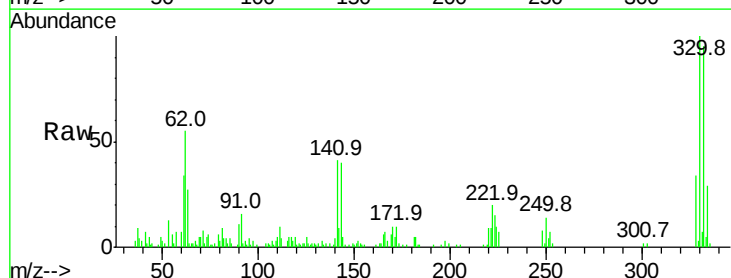
RT: 10.50 min Scan# 1465

Delta R.T. -0.02 min

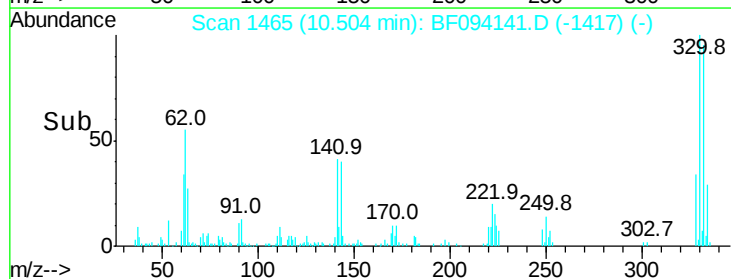
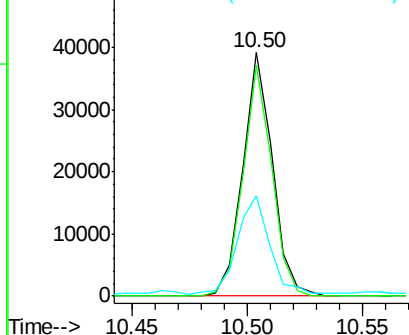
Lab File: BF094141.D

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Tgt Ion:	330	Resp:	35120
Ion Ratio	Lower	Upper	
330	100		
332	92.6	76.6	115.0
141	44.5	31.4	47.2



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





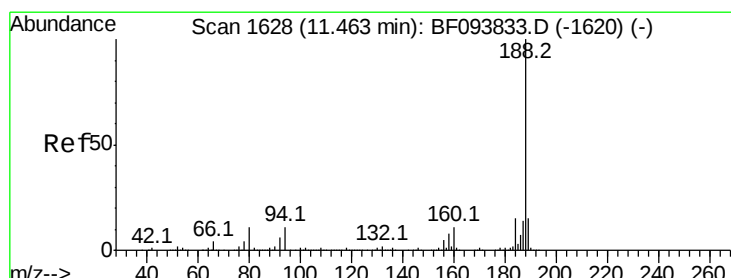
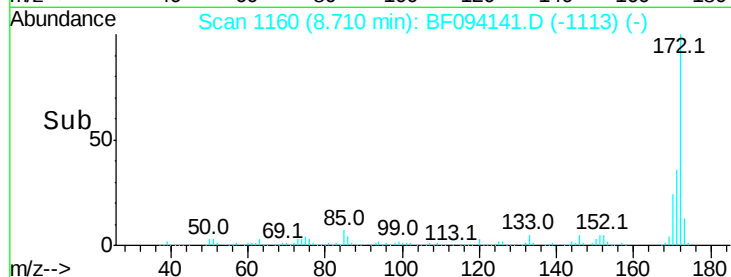
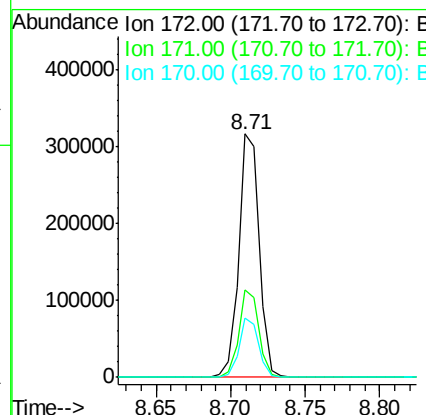
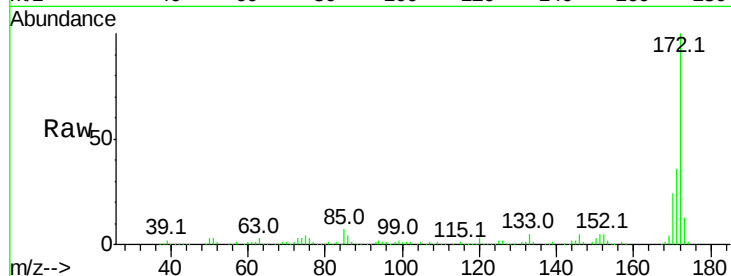
#44
 2-Fluorobiphenyl
 Concen: 18.78 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094141.D
 Acq: 4 Apr 2017 00:35

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Tot Ion	Ratio	Resp	Lower	Upper
172	100	304677		
171	36.1		29.6	44.4
170	24.2		19.8	29.8

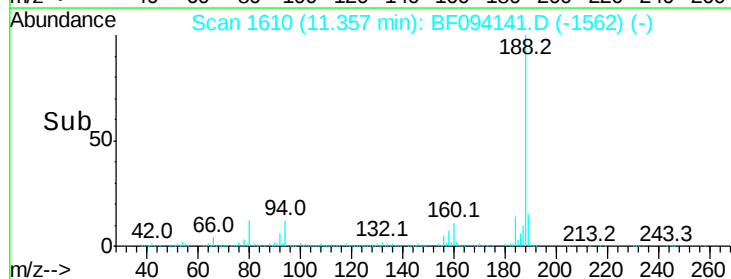
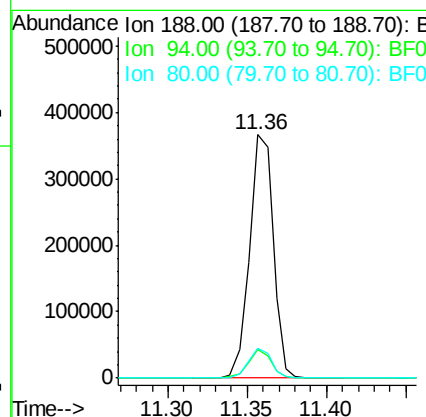
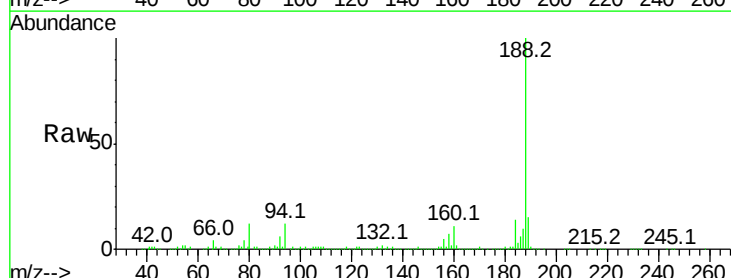
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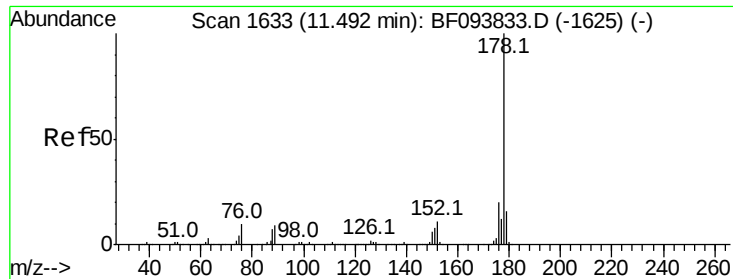
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094141.D
 Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	379707		
94	12.0		9.4	14.2
80	12.1		10.2	15.2





#70

Phenanthrene

Concen: 4.32 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Instrument :

BNA_F

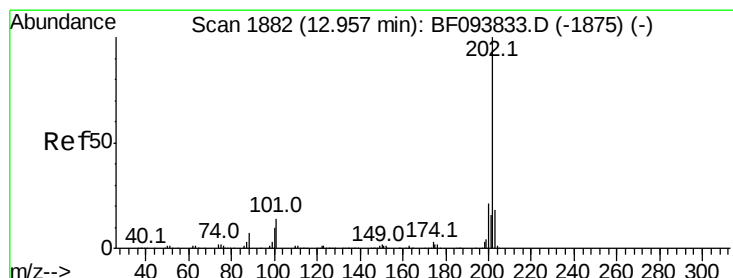
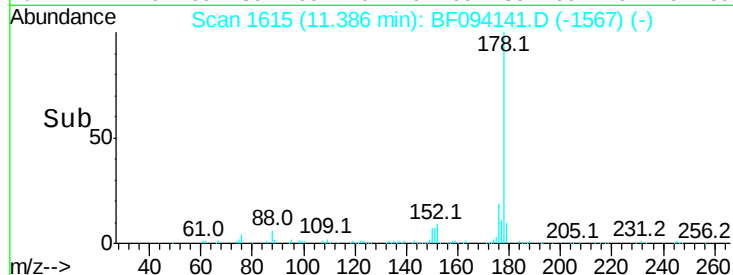
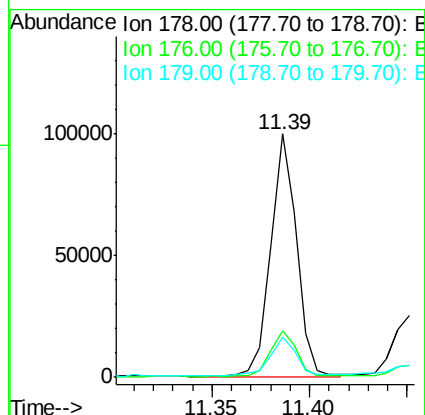
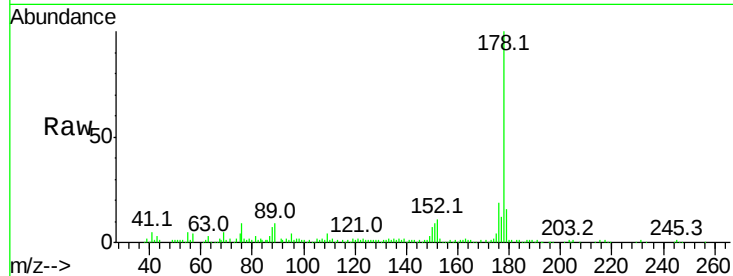
ClientSampleId :

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Tot Ion:	178	Resp:	91331
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	16.3	12.6	19.0

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#74

Fluoranthene

Concen: 4.90 ng

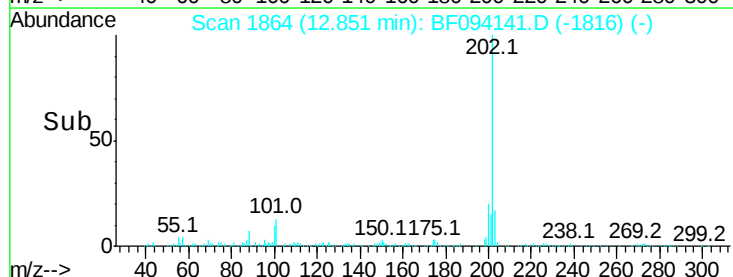
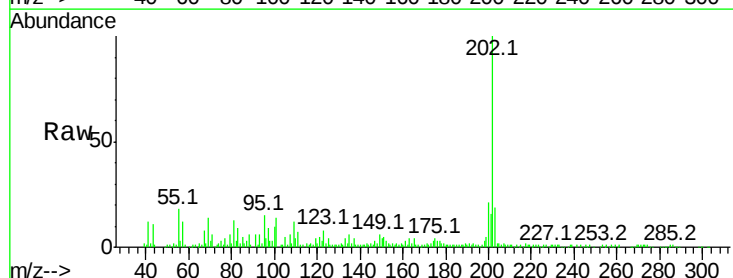
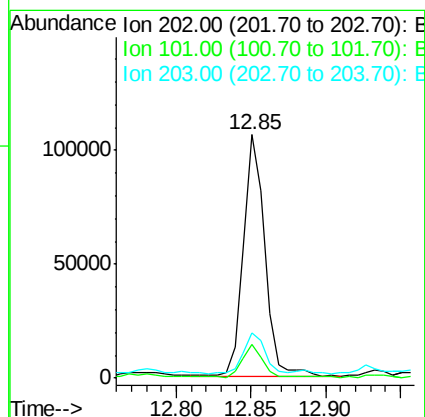
RT: 12.85 min Scan# 1864

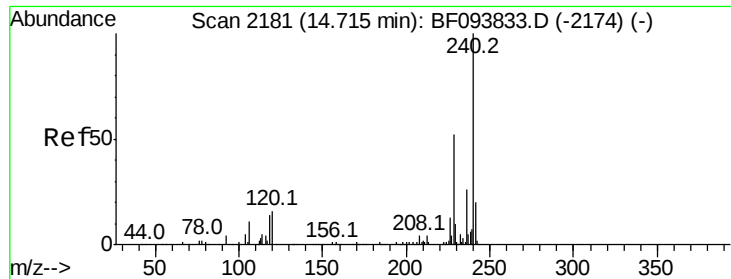
Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Tgt Ion:	202	Resp:	105929
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	18.8	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: BF094141.D

Acq: 4 Apr 2017 00:35

Instrument :

BNA_F

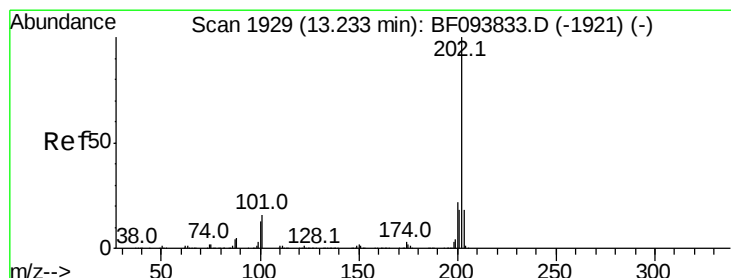
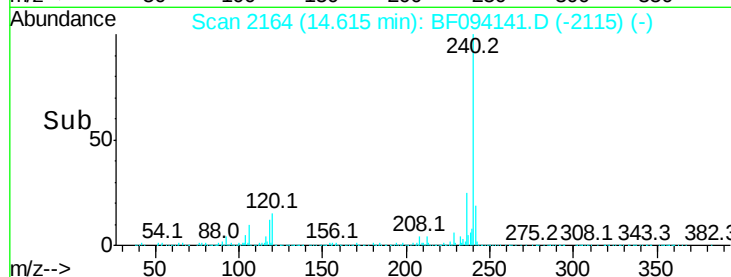
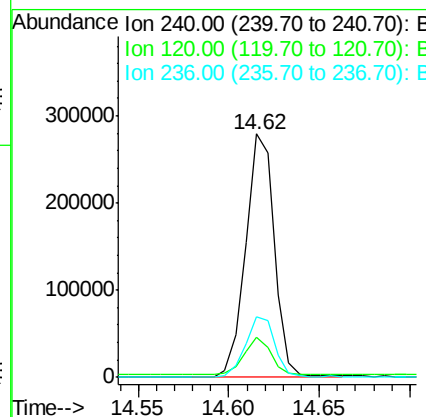
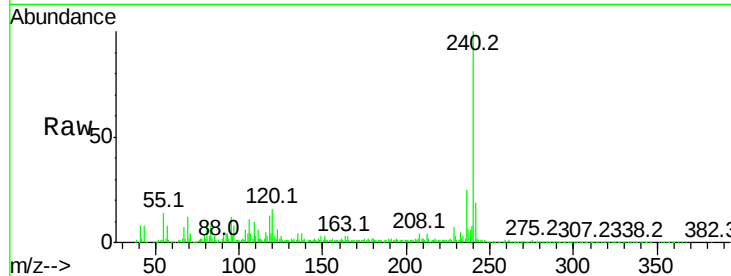
ClientSampleId :

LSS-SP02-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	24.9	20.5	30.7

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#77

Pyrene

Concen: 5.50 ng m

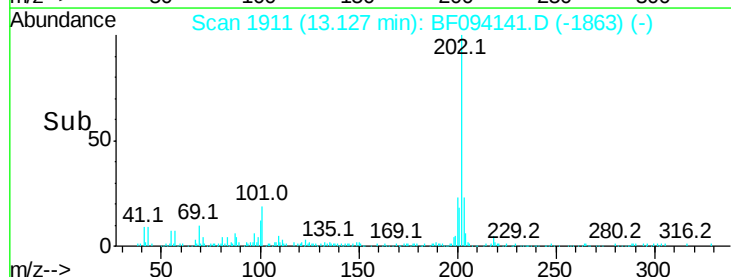
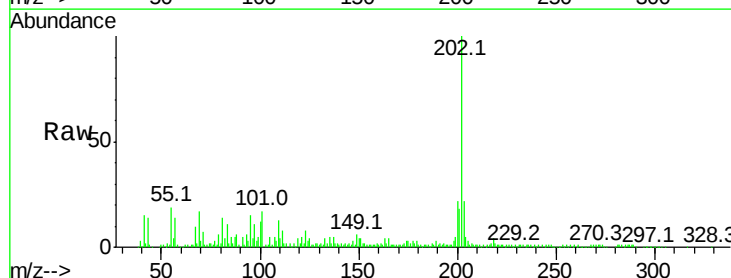
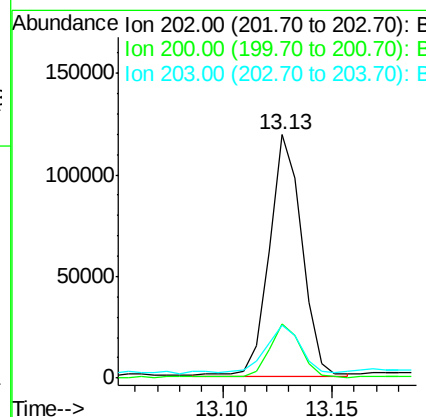
RT: 13.13 min Scan# 1911

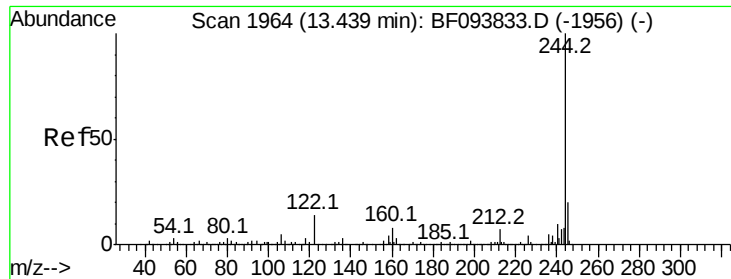
Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	21.7	14.4	21.6#





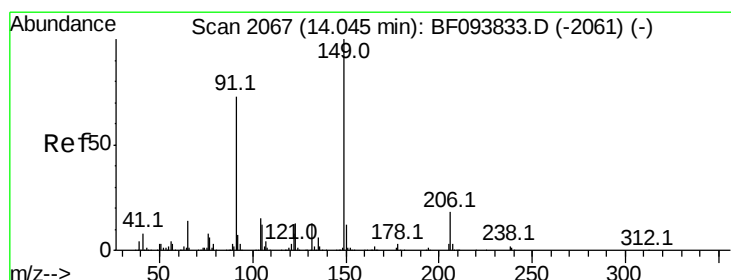
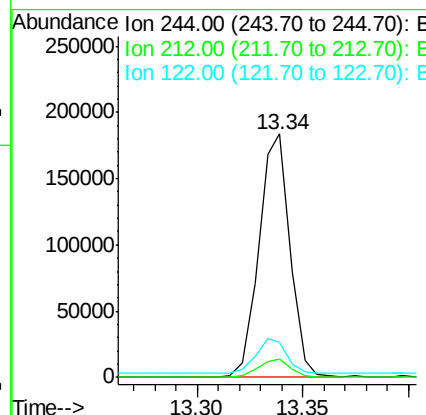
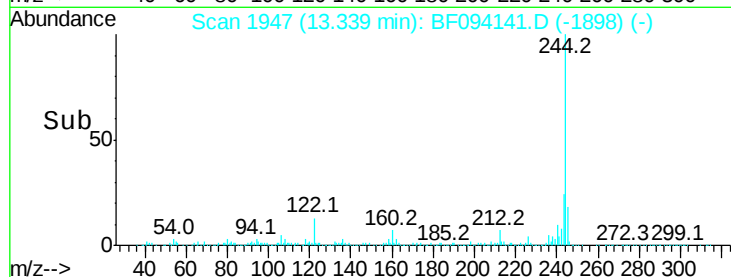
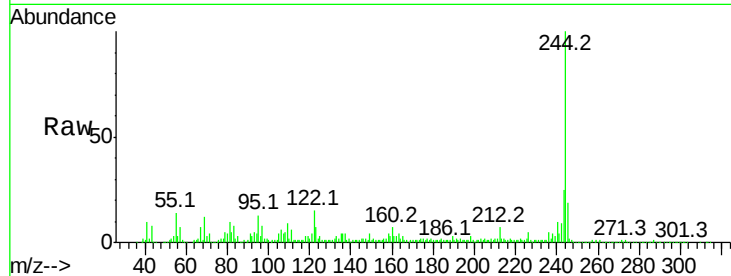
#78
 Terphenyl-d14
 Concen: 13.65 ng
 RT: 13.34 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BF094141.D
 Acq: 4 Apr 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.0	9.0	
122	14.5	10.3	15.5	

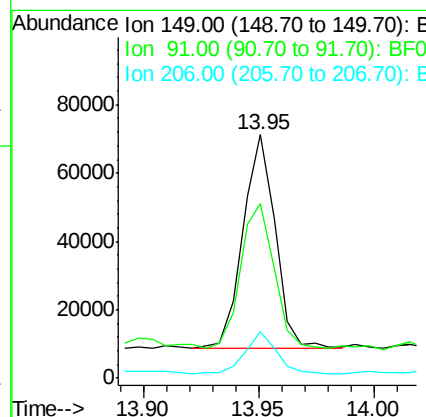
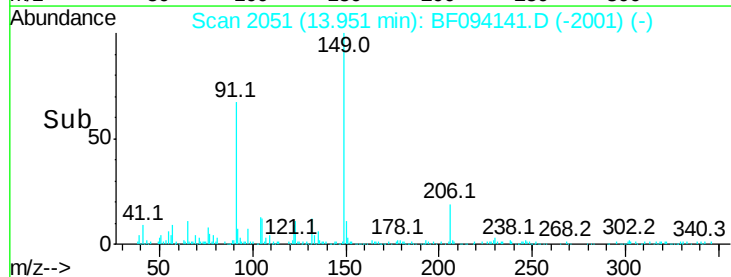
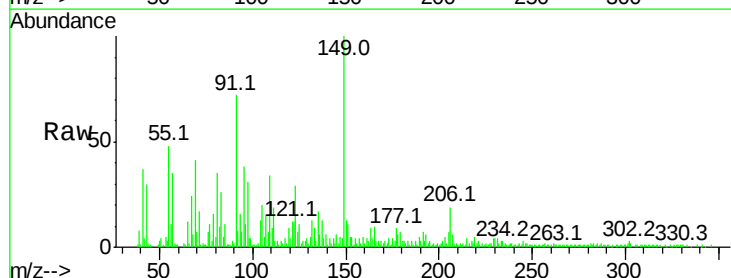
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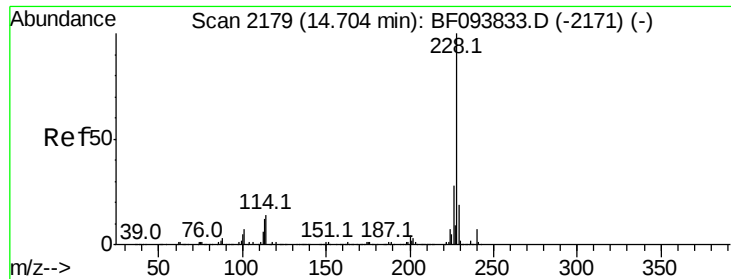
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#79
 Butylbenzylphthalate
 Concen: 6.50 ng
 RT: 13.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF094141.D
 Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.8	45.0	67.4	#
206	18.9	17.0	25.6	





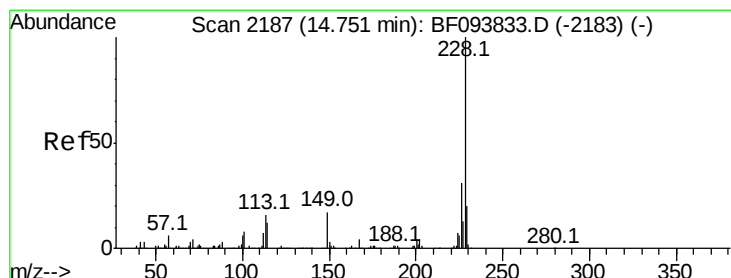
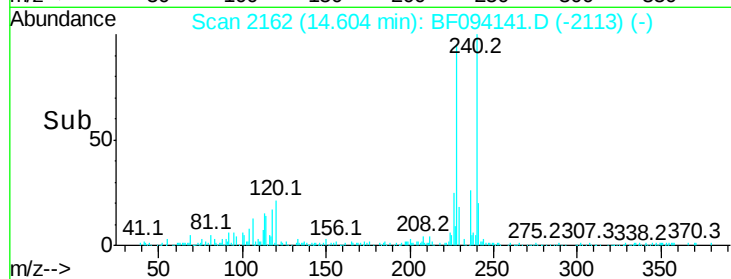
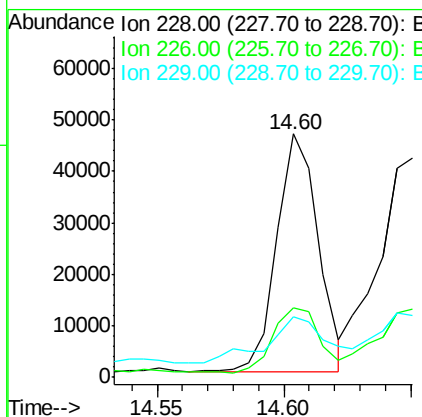
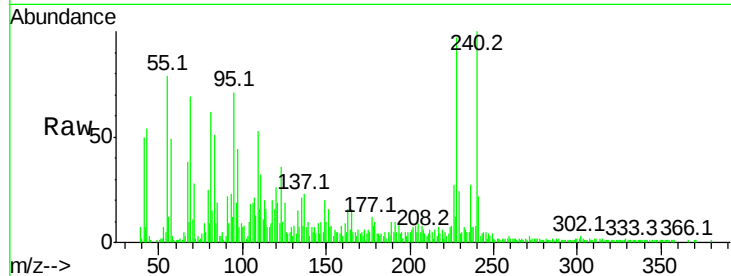
#80
Benzo(a)anthracene
Concen: 2.94 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094141.D
Acq: 4 Apr 2017 00:35

Instrument :
BNA_F
ClientSampleId :
LSS-SP02-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	25.1	16.3	24.5

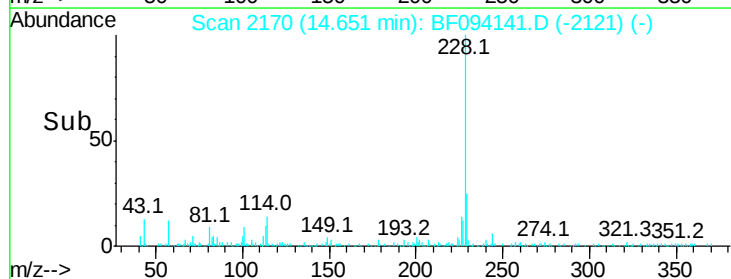
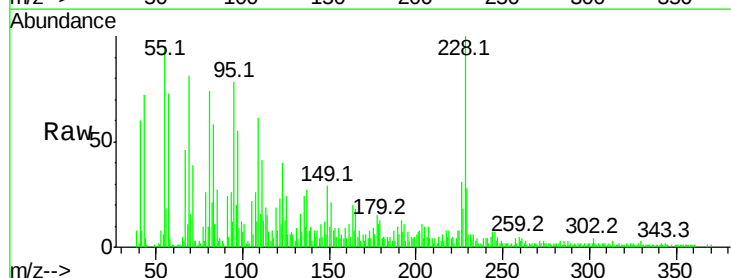
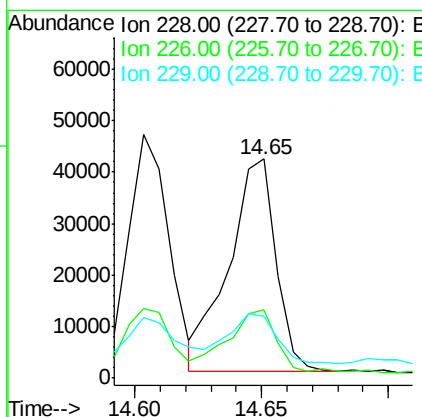
Manual Integrations
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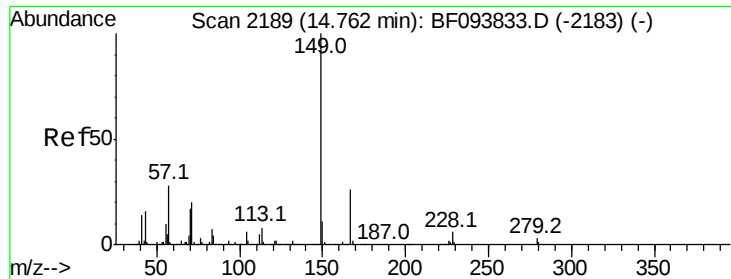
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#82
Chrysene
Concen: 3.24 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF094141.D
Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	28.0	15.8	23.6





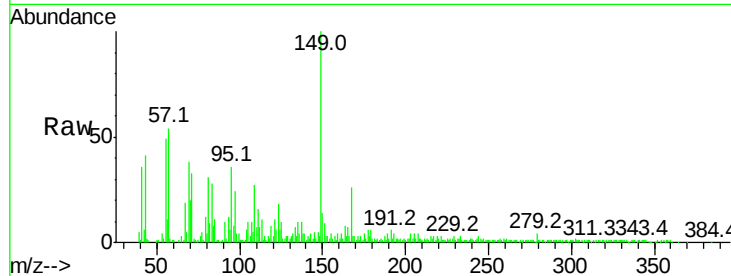
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.71 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF094141.D
 Acq: 4 Apr 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP02-COMP

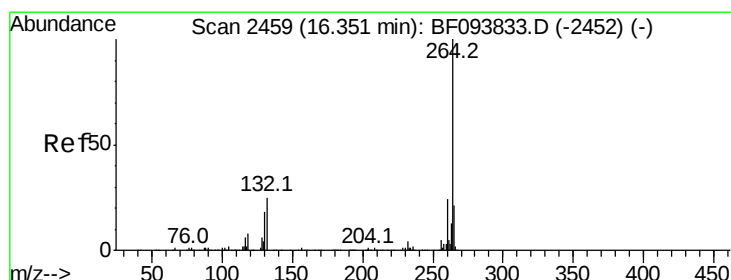
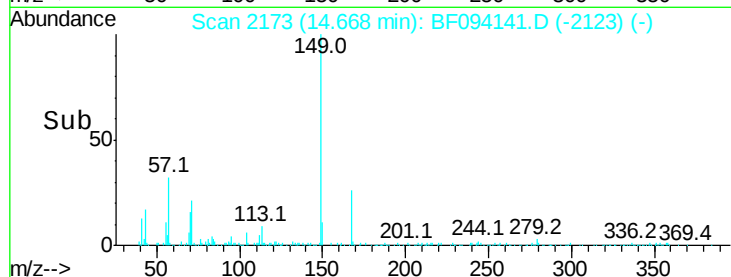
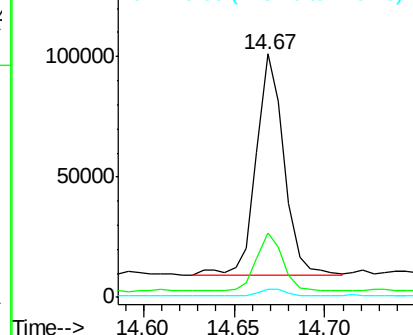
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.5	1.9	2.9

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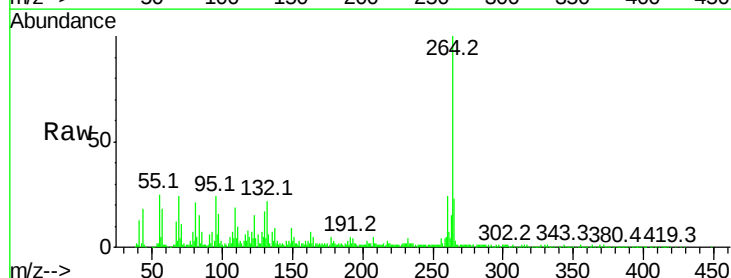


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

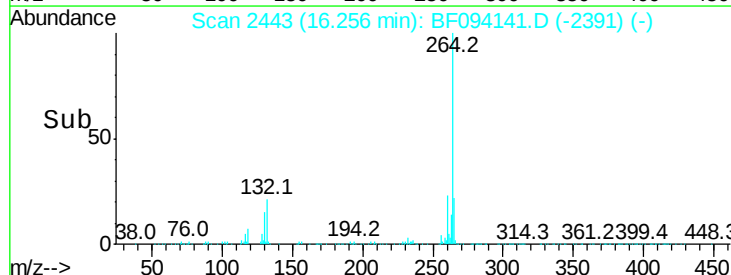
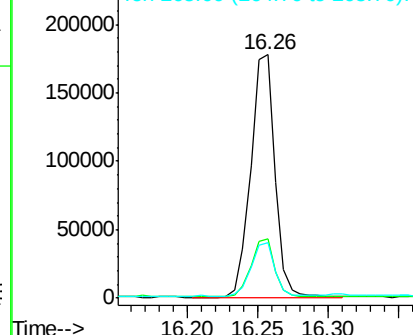


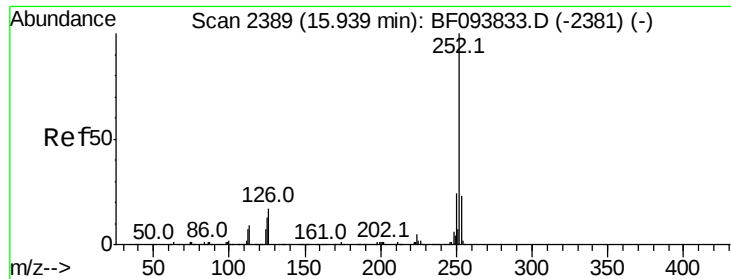
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BF094141.D
 Acq: 4 Apr 2017 00:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.16 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Instrument :

BNA_F

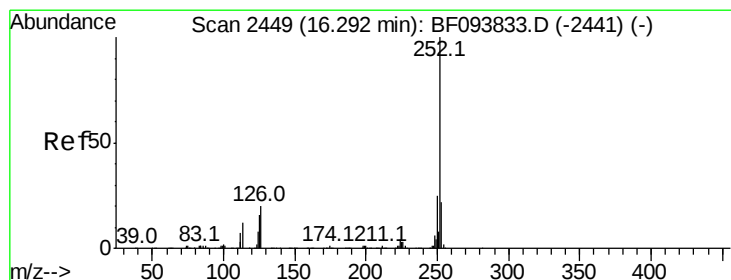
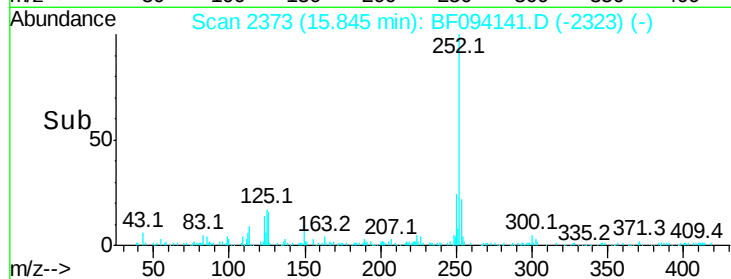
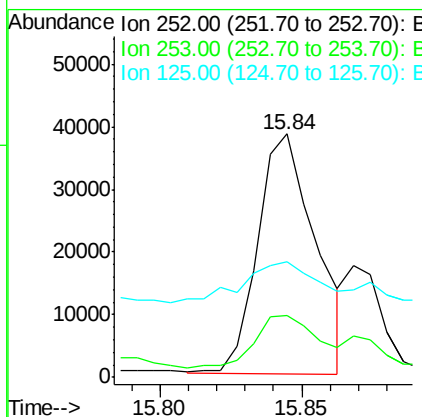
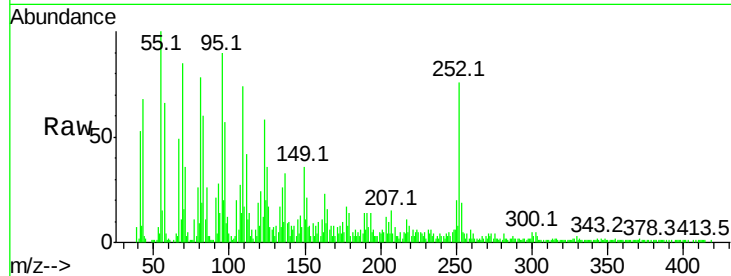
ClientSampleId :

LSS-SP02-COMP

Tot Ion:	252	Resp:	54563
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.1	27.1
125	47.4	9.8	14.8#

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#89

Benzo(a)pyrene

Concen: 3.07 ng

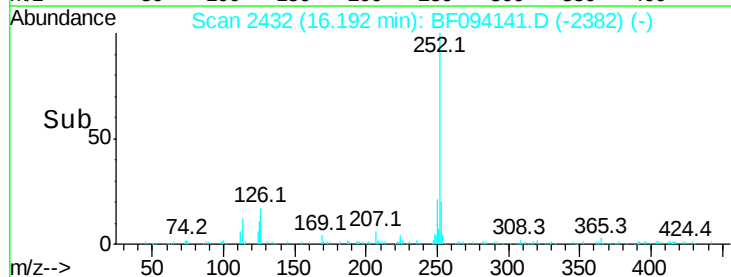
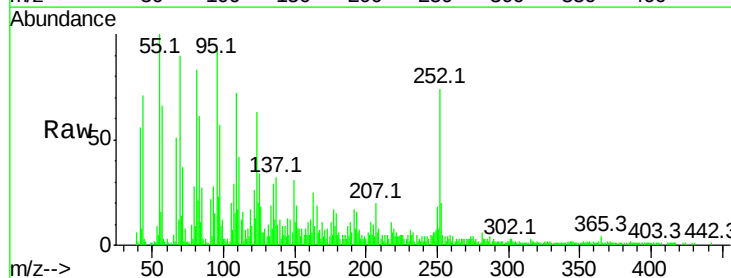
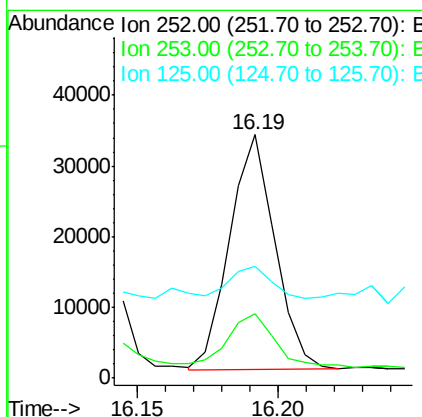
RT: 16.19 min Scan# 2432

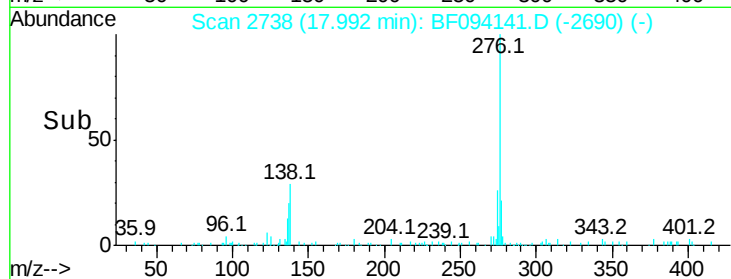
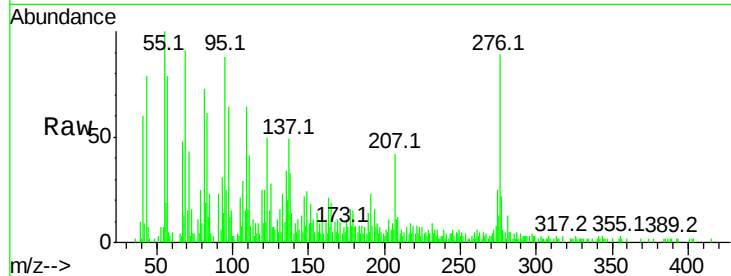
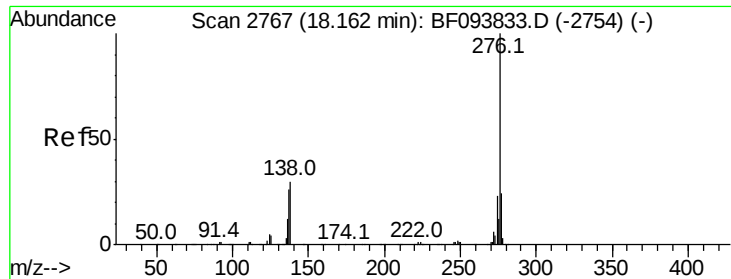
Delta R.T. -0.01 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Tgt Ion:	252	Resp:	37061
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.5	26.3#
125	45.9	11.0	16.4#





#91

Benzo(a,h,i)perylene

Concen: 3.24 ng

RT: 17.99 min Scan# 2738

Delta R.T. -0.02 min

Lab File: BF094141.D

Acq: 4 Apr 2017 00:35

Instrument :

BNA_F

ClientSampleId :

LSS-SP02-COMP

Tot Ion: 276 Resp: 33409

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 37.2 25.4 38.0

Manual Integrations

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