

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094133.D
 Acq On : 3 Apr 2017 20:55
 Operator : SJ/MA
 Sample : I2493-04 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP06-COMP

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:34:20 PM

Quant Time: Apr 04 02:09:49 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	165562	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	643316	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	264263	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	389300	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	290795	20.00	ng	-0.01
86) Perylene-d12	16.25	264	237562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	286200	29.20	ng	-0.02
7) Phenol-d6	5.49	99	354337	29.22	ng	-0.02
23) Nitrobenzene-d5	6.53	82	184044	16.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	51938	24.87	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	392291	22.64	ng	-0.02
78) Terphenyl-d14	13.33	244	214911	16.57	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.21	163	540062	28.75	ng	100
70) Phenanthrene	11.38	178	73702	3.40	ng	97
74) Fluoranthene	12.85	202	141045	6.36	ng	98
77) Pyrene	13.13	202	133468	6.32	ng	98
79) Butylbenzylphthalate	13.95	149	185548	20.63	ng	# 85
80) Benzo(a)anthracene	14.60	228	75034m	4.42	ng	
82) Chrysene	14.64	228	67876	4.31	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.67	149	258763	21.09	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.59	276	50056	3.67	ng	93
87) Benzo(b)fluoranthene	15.84	252	108604m	7.46	ng	
89) Benzo(a)pyrene	16.19	252	69452	5.18	ng	# 74
91) Benzo(a,h,i)perylene	17.99	276	62149	5.43	ng	96

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

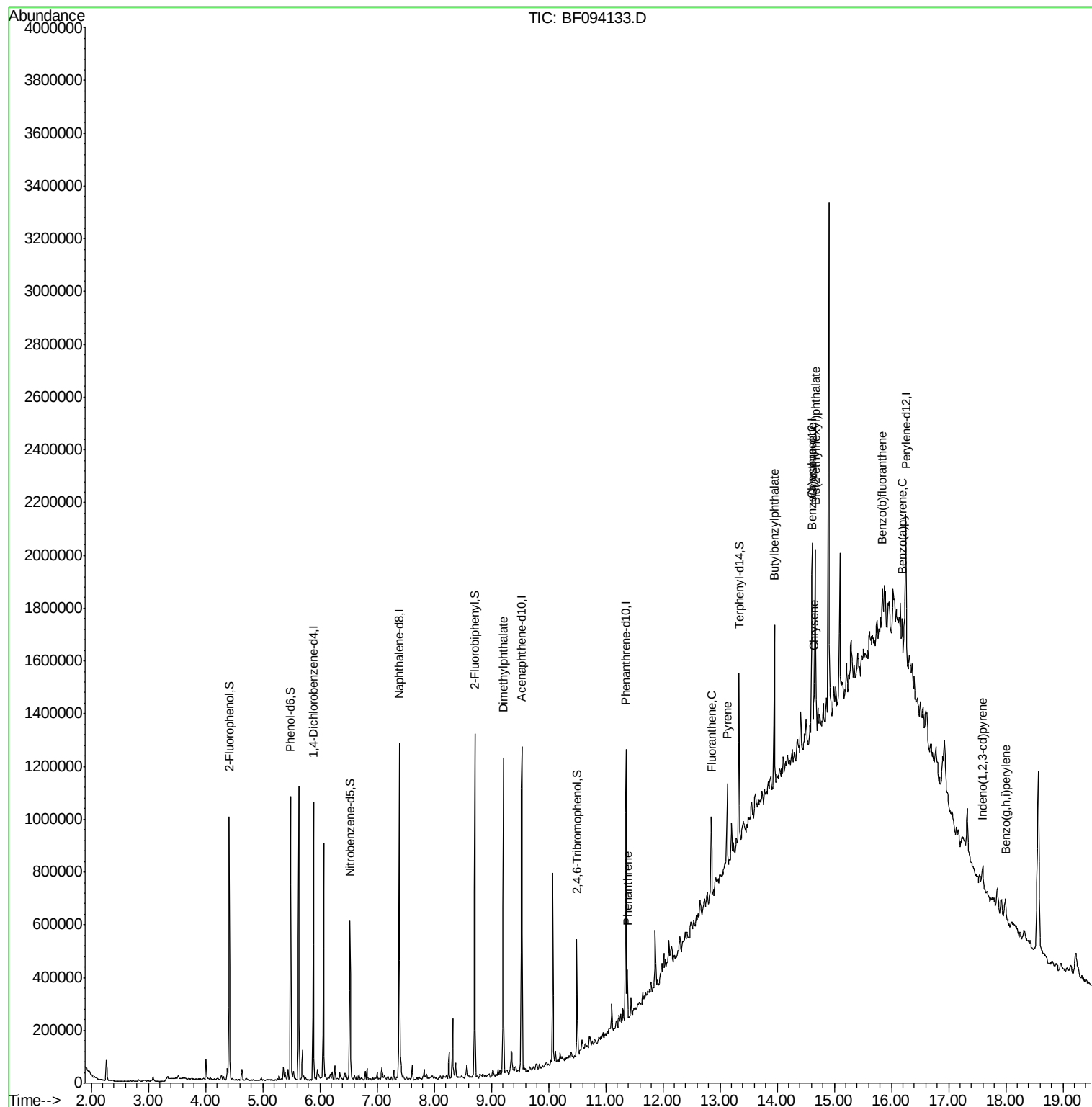
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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Operator : SJ/MA
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
LSS-SP06-COMP

Manual Integrations
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QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

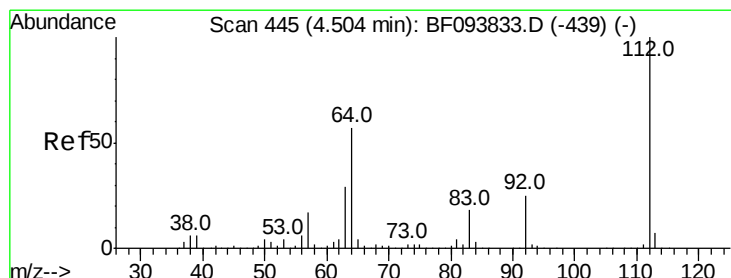
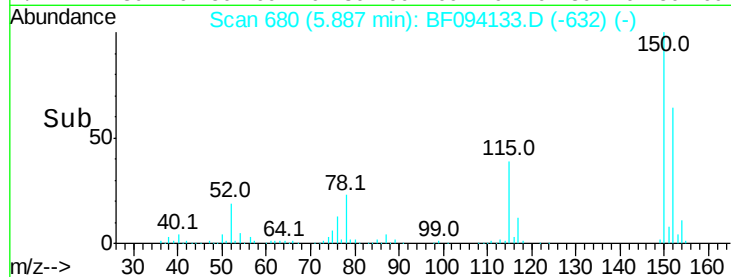
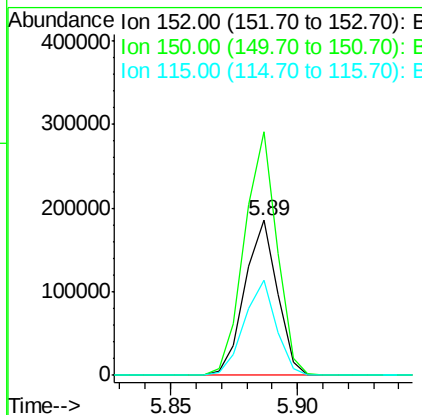
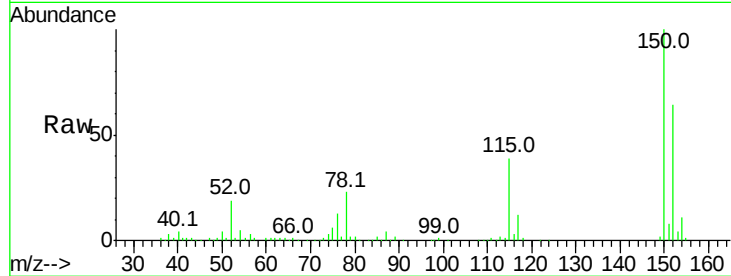
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Instrument :
BNA_F
ClientSampleId :
LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	61.3	52.2	78.2

Manual Integrations
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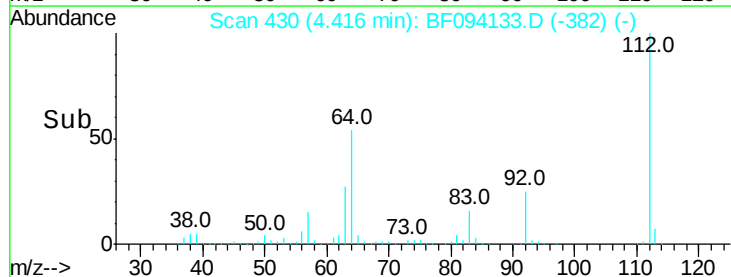
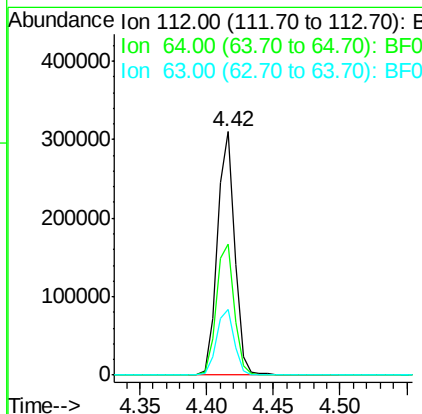
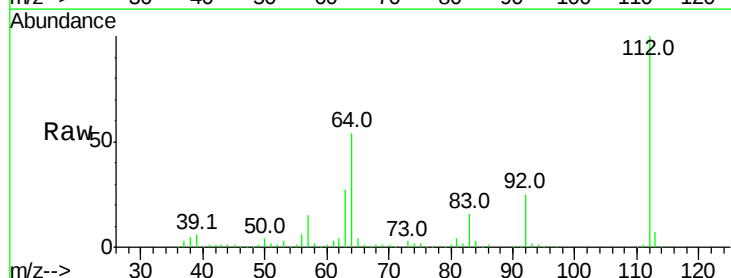
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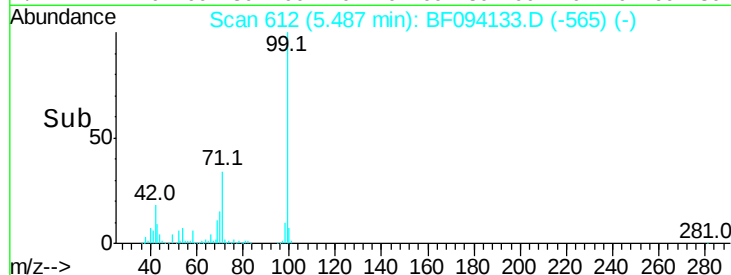
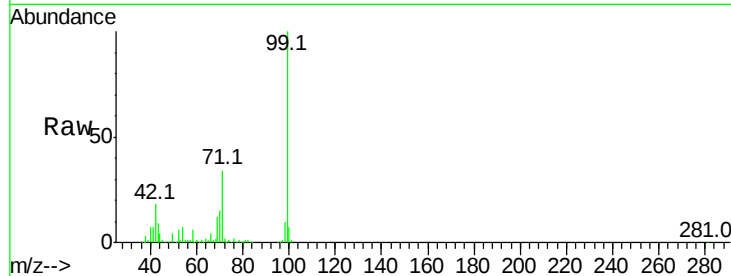
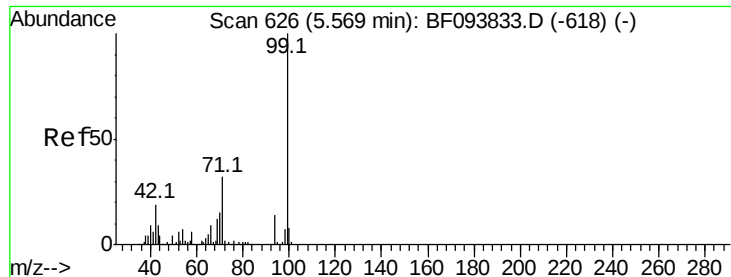


#5

2-Fluorophenol
Concen: 29.20 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.9	23.4	35.0





#7

Phenol-d6

Concen: 29.22 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

Tot Ion:	99	Resp:	354337
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.5	20.3
71	33.8	24.5	36.7

Instrument :

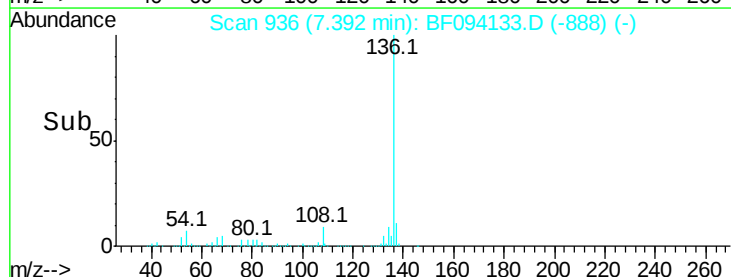
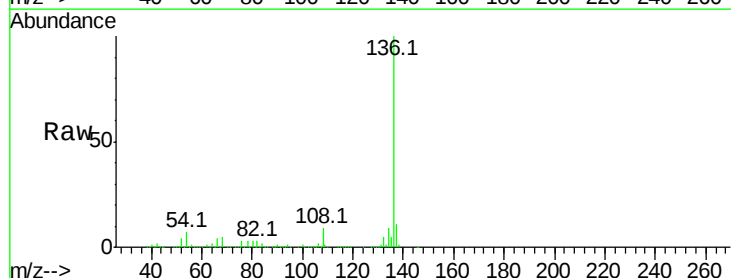
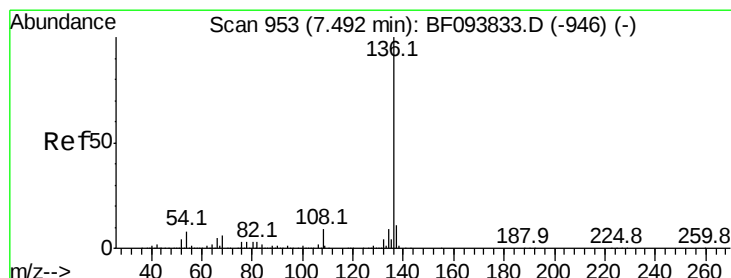
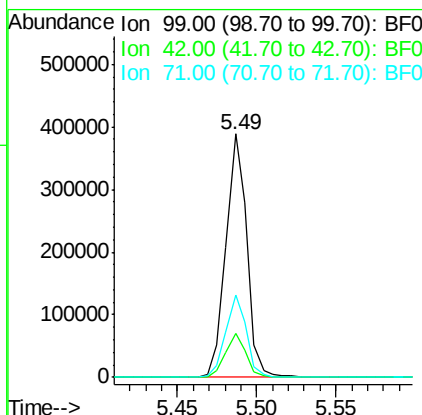
BNA_F

ClientSampleId :

LSS-SP06-COMP

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#21

Naphthalene-d8

Concen: 20.00 ng

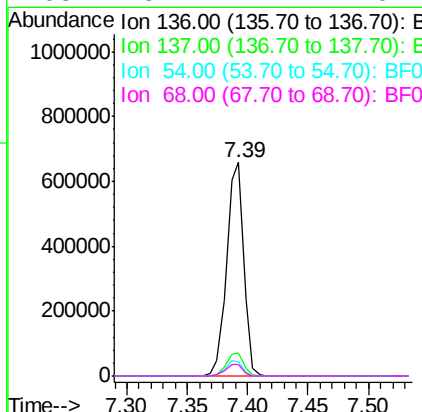
RT: 7.39 min Scan# 936

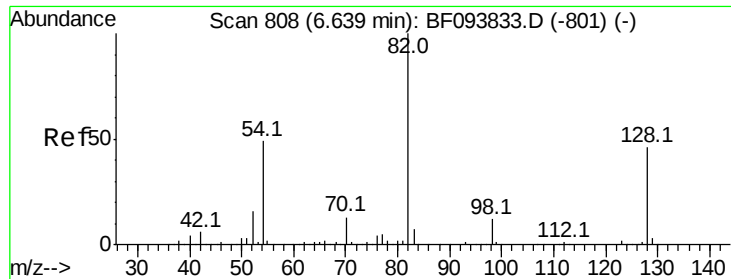
Delta R.T. -0.02 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

Tgt Ion:	136	Resp:	643316
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	5.1	4.1	6.1





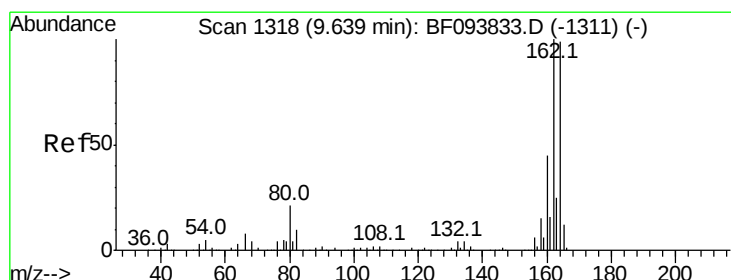
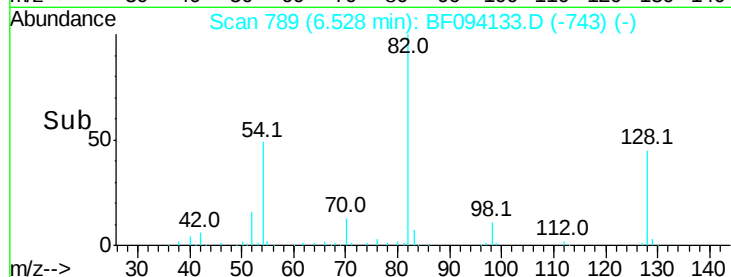
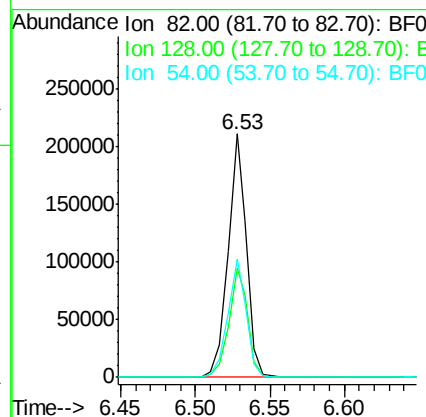
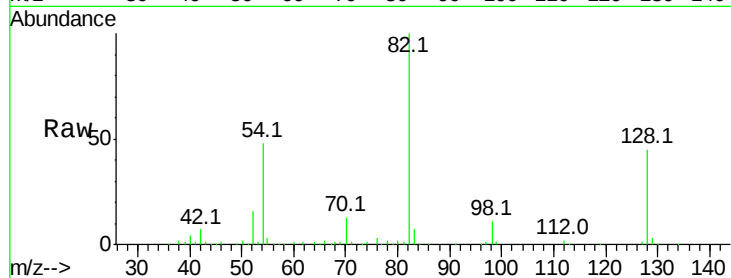
#23
 Nitrobenzene-d5
 Concen: 16.33 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094133.D
 Acq: 3 Apr 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP06-COMP

Tot Ion	82	Resp	184044
Ion Ratio	100	Lower	Upper
128	44.8	34.0	51.0
54	48.4	42.2	63.2

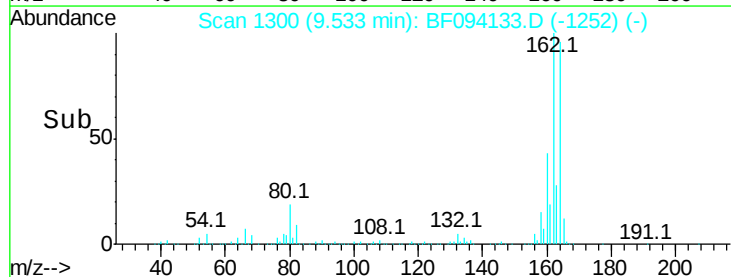
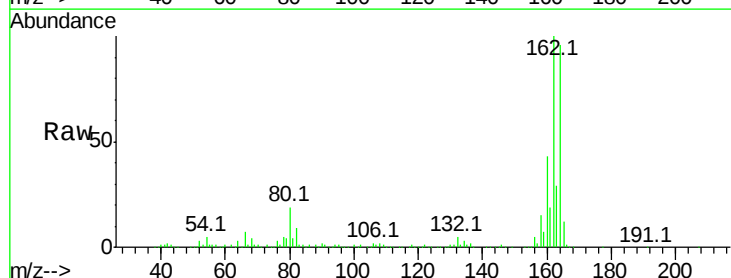
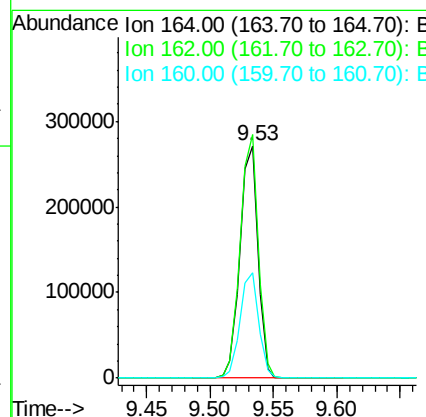
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094133.D
 Acq: 3 Apr 2017 20:55

Tgt Ion	164	Resp	264263
Ion Ratio	100	Lower	Upper
162	104.7	82.6	123.8
160	45.2	36.2	54.2





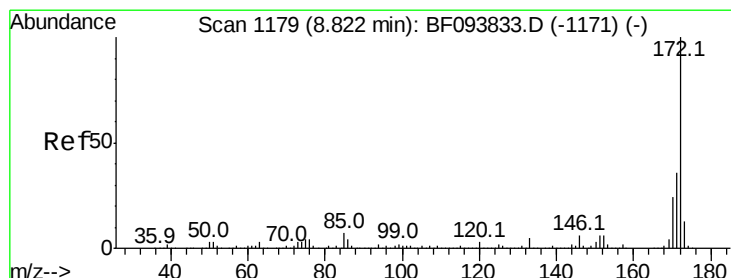
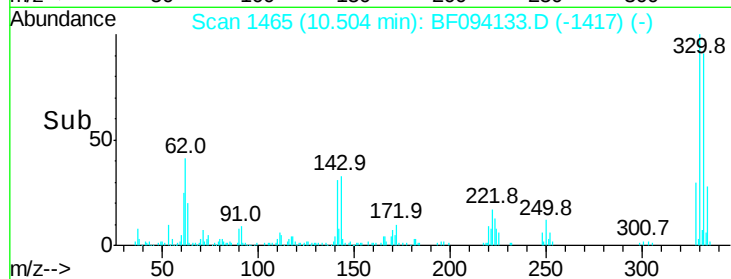
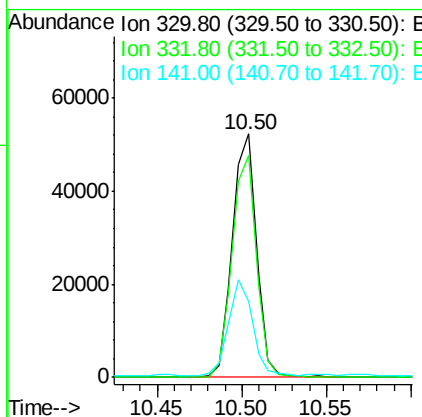
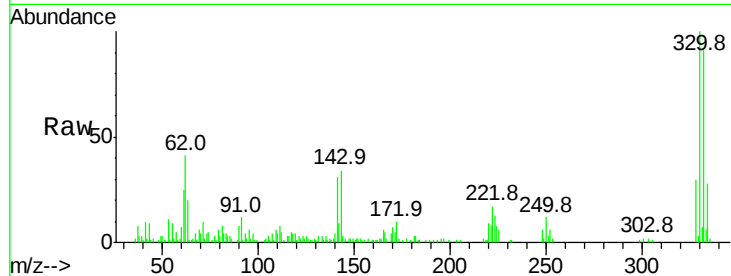
#41
 2,4,6-Tribromophenol
 Concen: 24.87 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094133.D
 Acq: 3 Apr 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	76.6	115.0
141	39.1	31.4	47.2

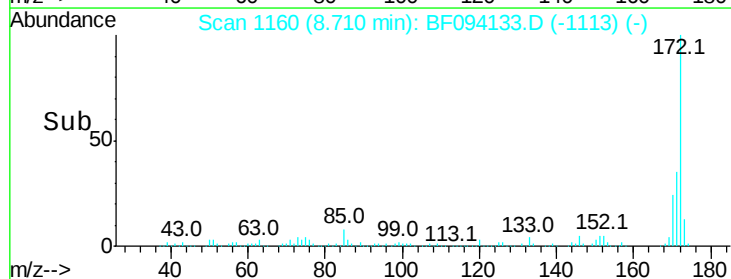
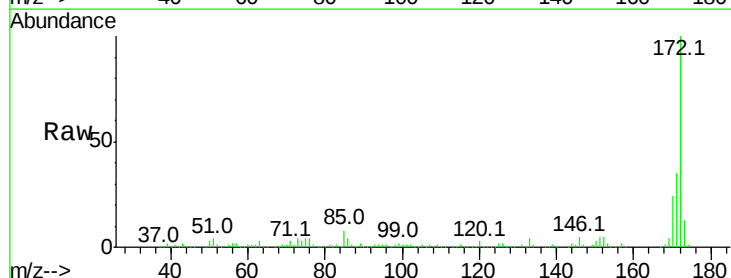
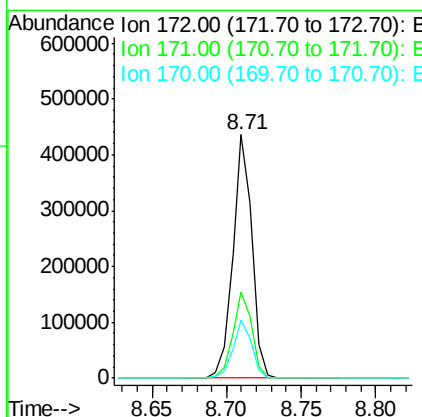
Manual Integrations
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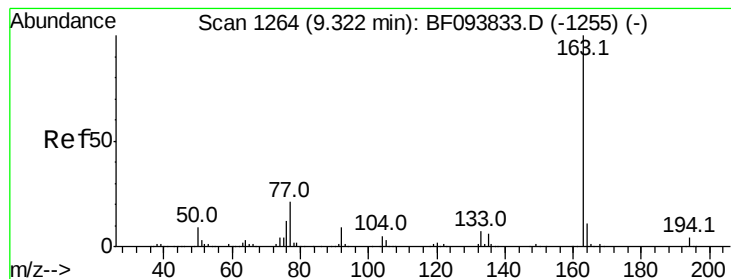
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#44
 2-Fluorobiphenyl
 Concen: 22.64 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094133.D
 Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.6	19.8	29.8





#49

Dimethylphthalate

Concen: 28.75 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

Instrument :

BNA_F

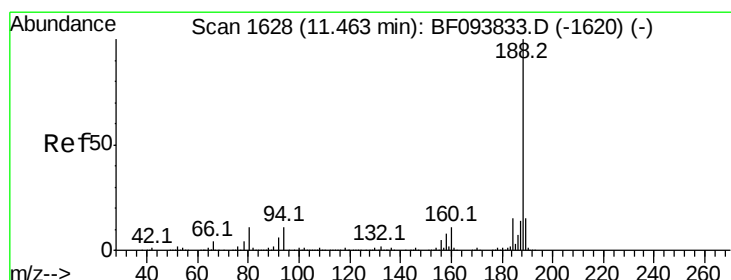
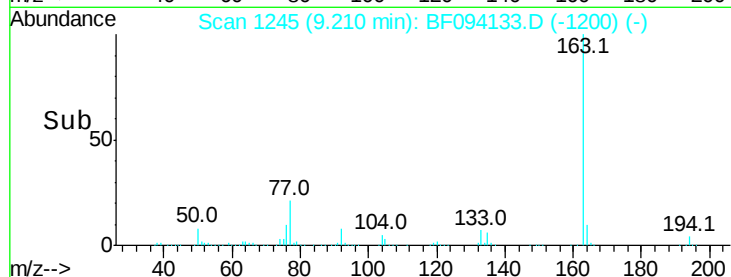
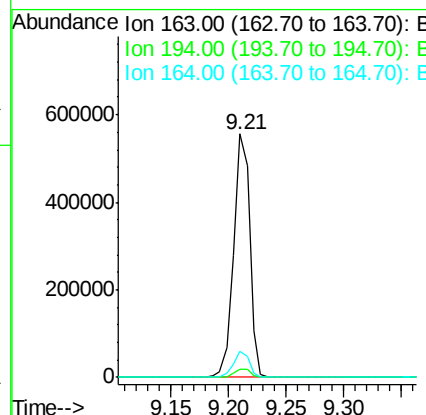
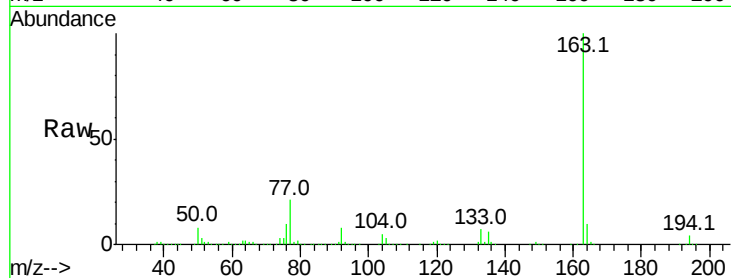
ClientSampleId :

LSS-SP06-COMP

Tot Ion:	163	Resp:	540062
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.5	8.4	12.6

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

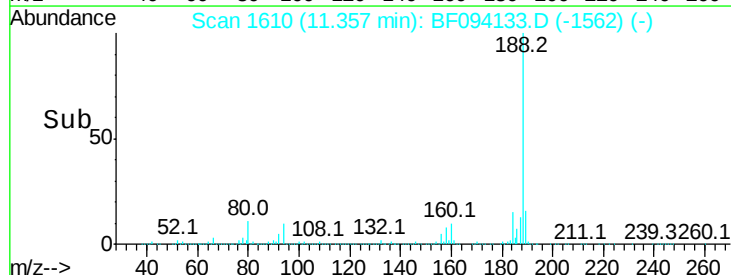
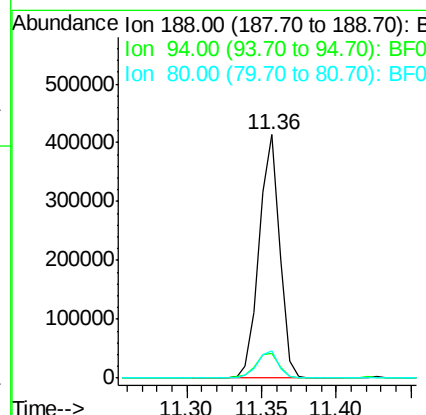
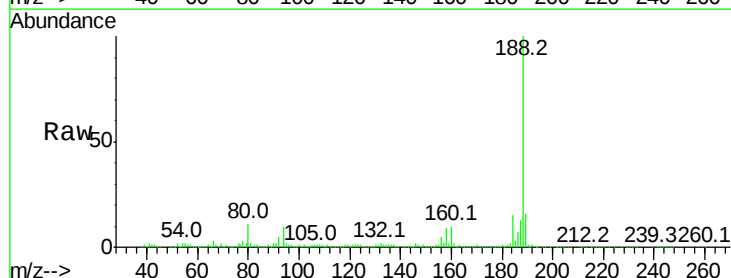
RT: 11.36 min Scan# 1610

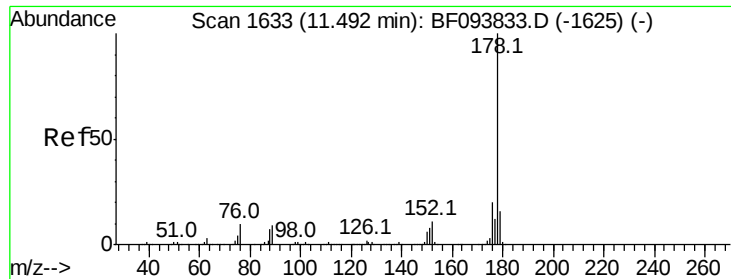
Delta R.T. -0.02 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

Tgt Ion:	188	Resp:	389300
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	11.2	10.2	15.2





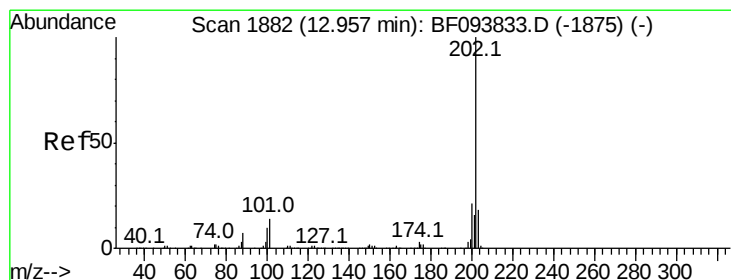
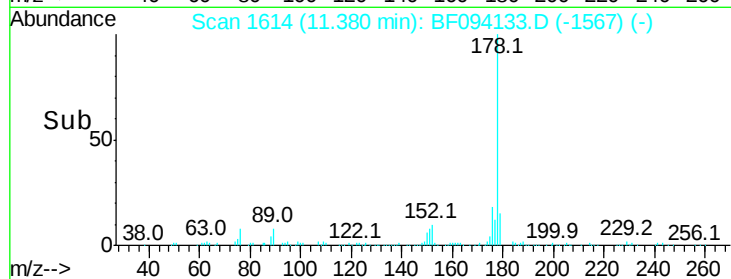
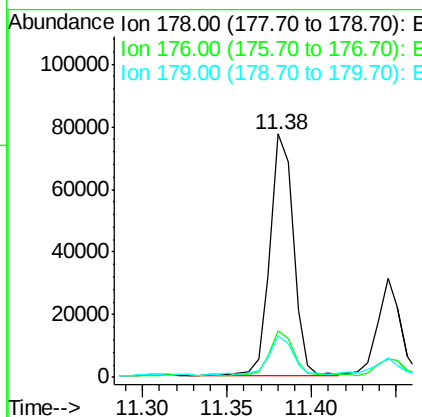
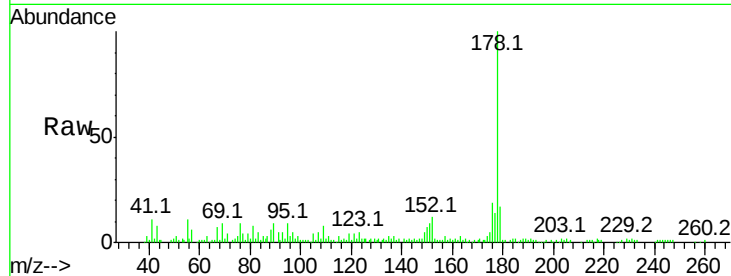
#70
Phenanthrene
Concen: 3.40 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Instrument :
BNA_F
ClientSampleId :
LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	17.2	12.6	19.0

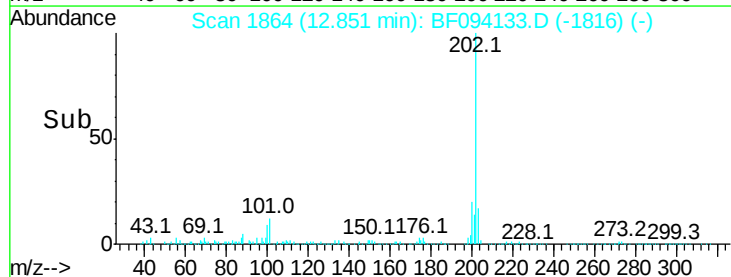
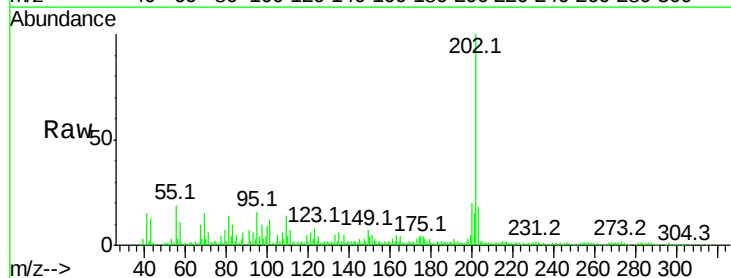
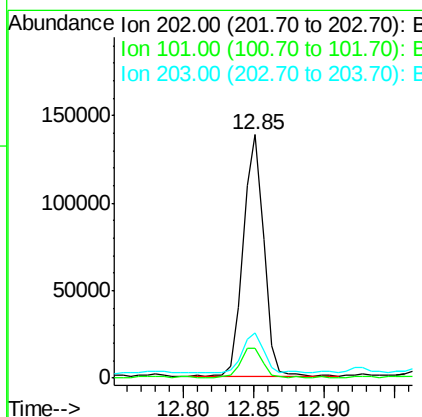
Manual Integrations
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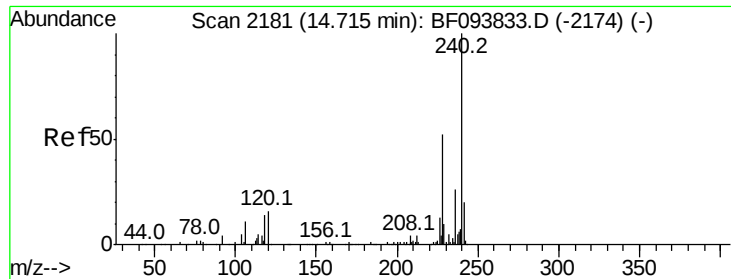
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#74
Fluoranthene
Concen: 6.36 ng
RT: 12.85 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	18.5	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: BF094133.D

Acq: 3 Apr 2017 20:55

Instrument :

BNA_F

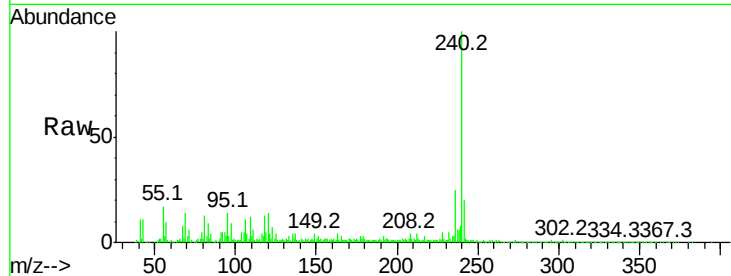
ClientSampleId :

LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	24.8	20.5	30.7

Manual Integrations
APPROVED

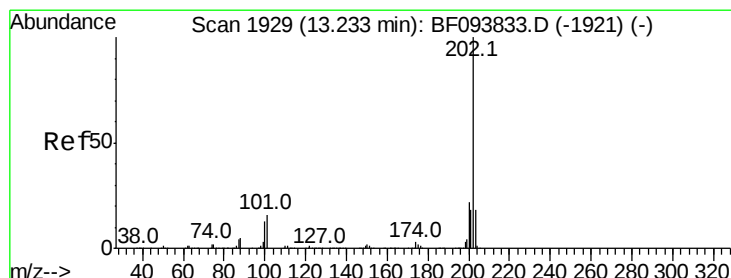
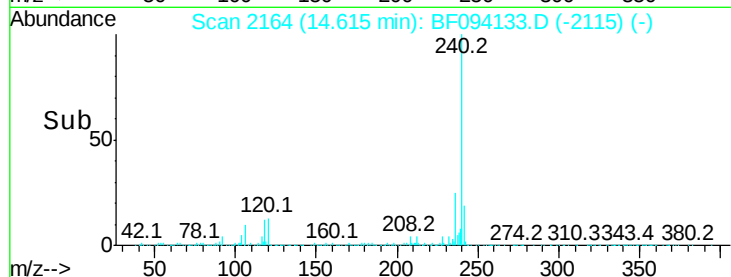
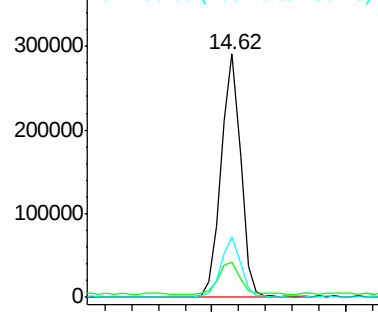
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.32 ng

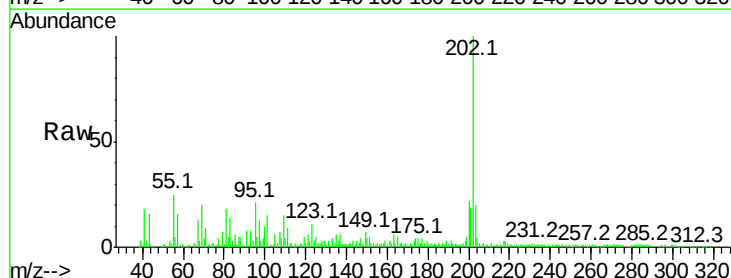
RT: 13.13 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

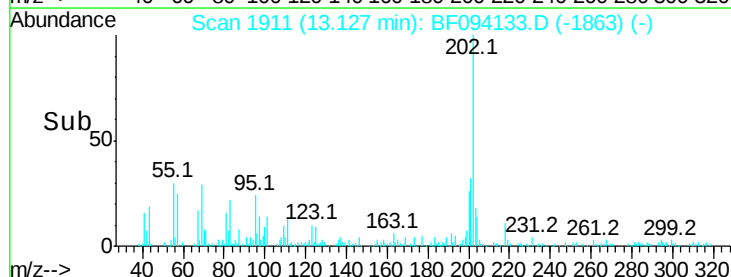
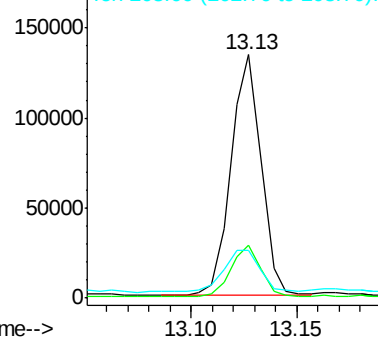
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	19.6	14.4	21.6

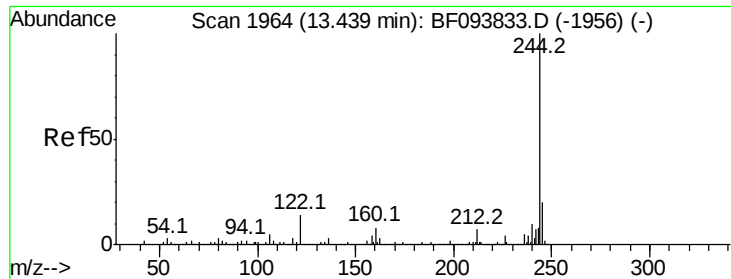


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 16.57 ng

RT: 13.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

Instrument :

BNA_F

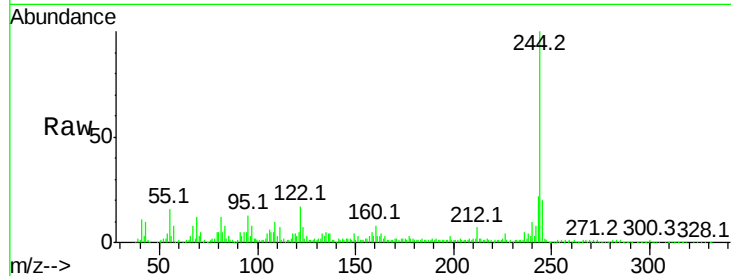
ClientSampleId :

LSS-SP06-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	16.8	10.3	15.5	

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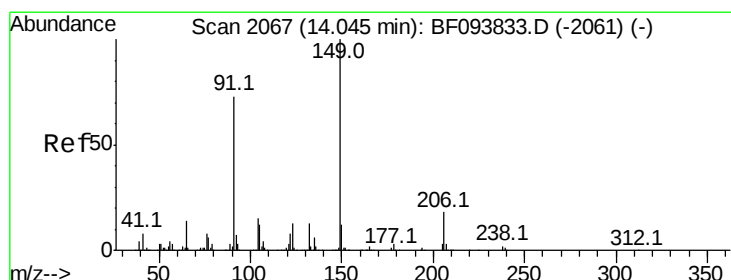
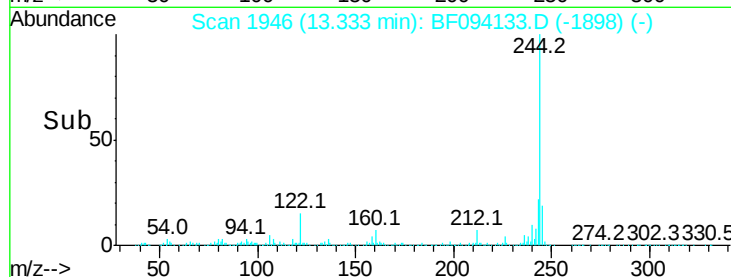
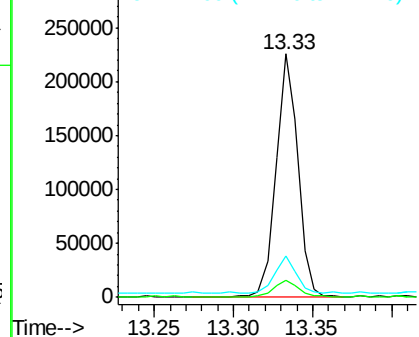


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 20.63 ng

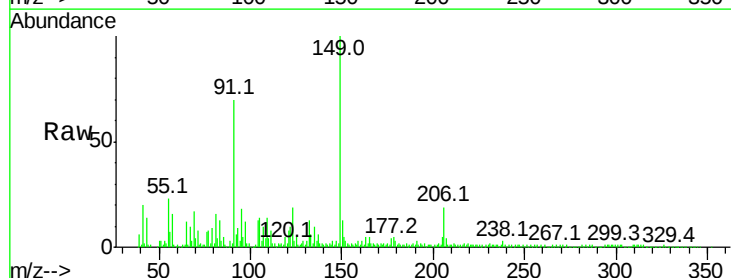
RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF094133.D

Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.2	45.0	67.4	
206	18.6	17.0	25.6	

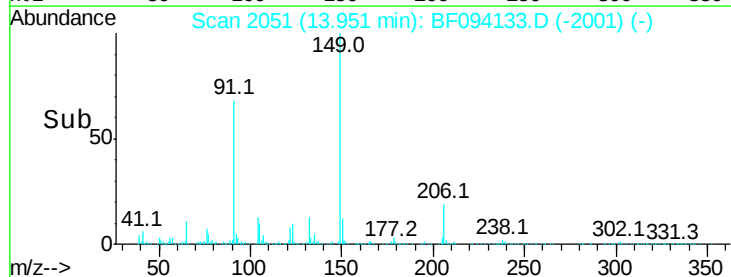
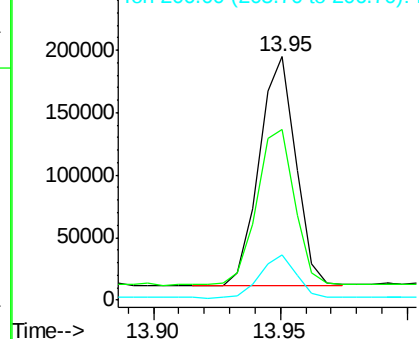


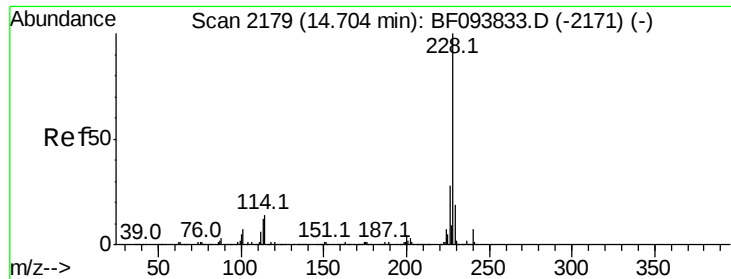
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





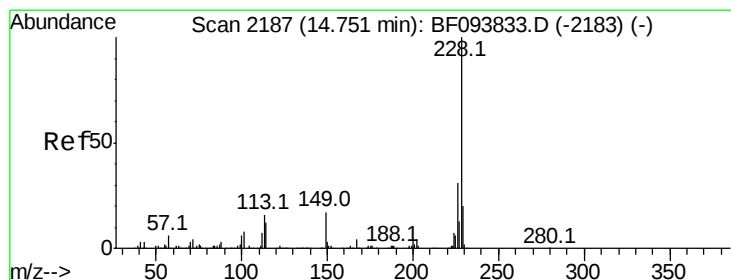
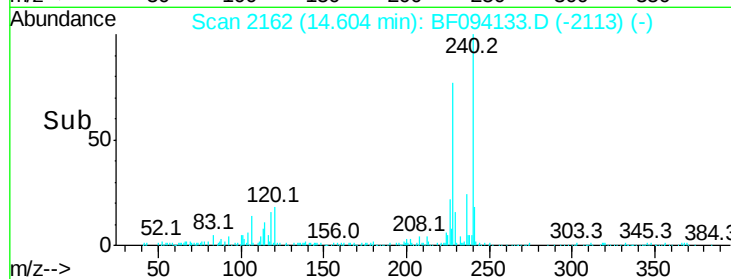
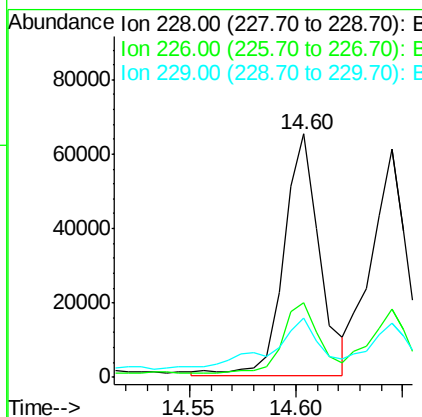
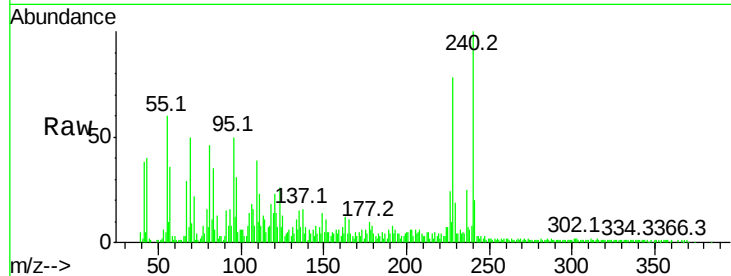
#80
Benzo(a)anthracene
Concen: 4.42 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Instrument :
BNA_F
ClientSampleId :
LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	24.6	16.3	24.5

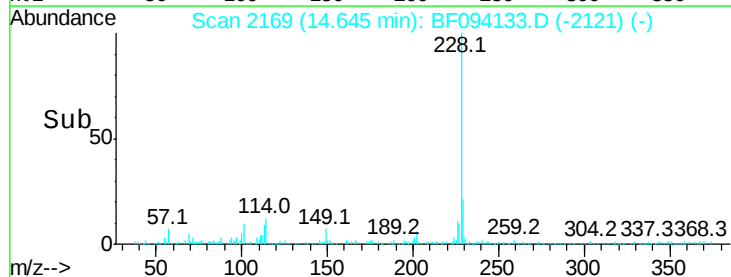
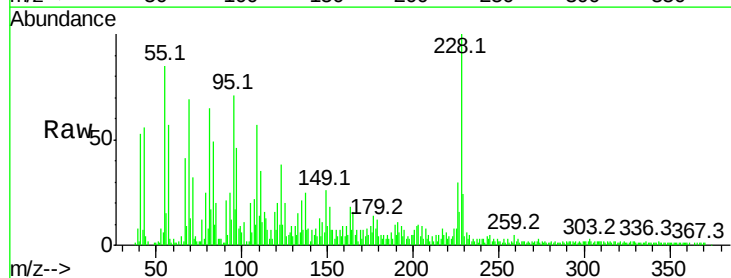
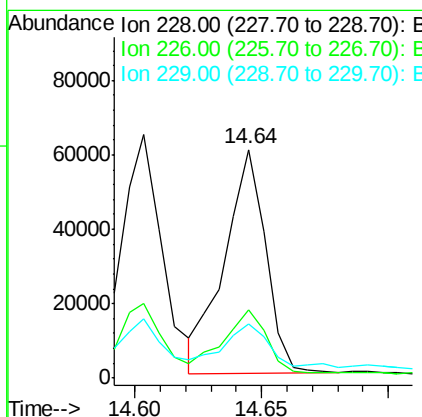
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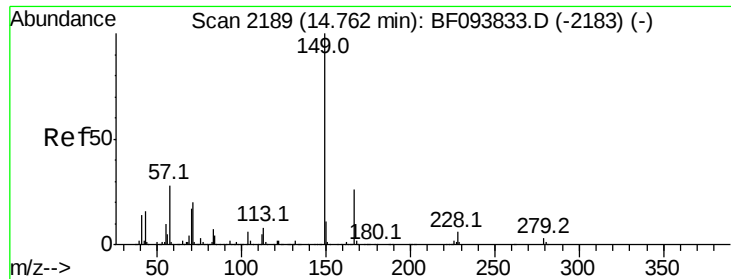
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#82
Chrysene
Concen: 4.31 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	23.9	15.8	23.6





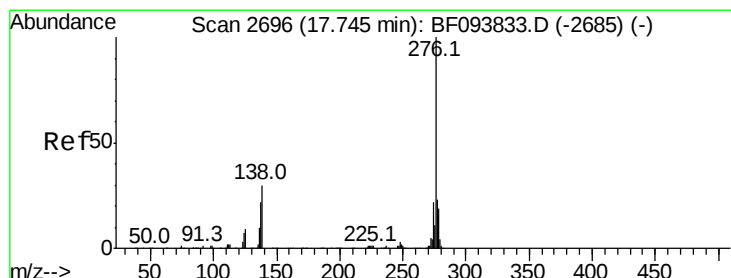
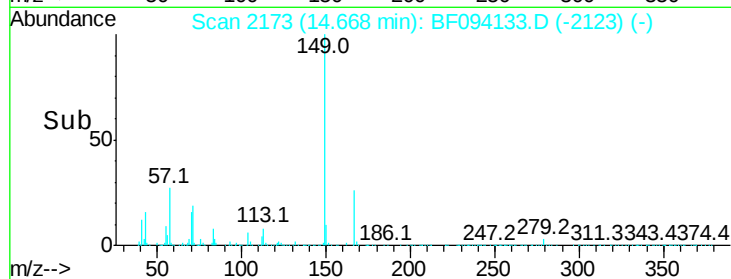
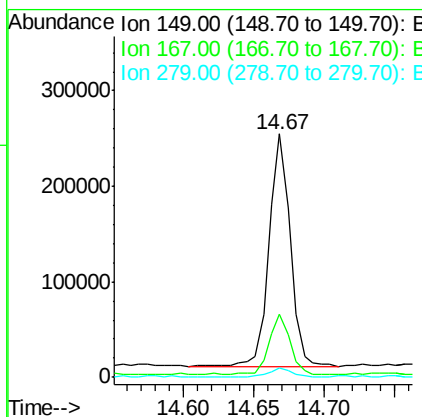
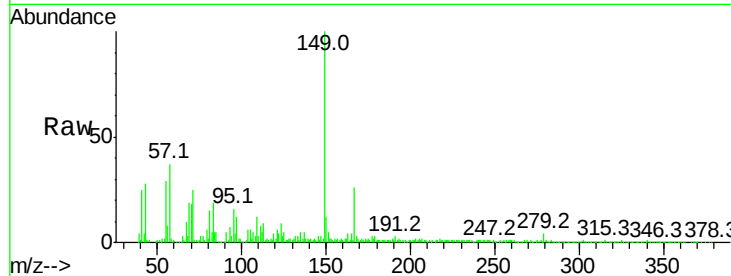
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.09 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF094133.D
 Acq: 3 Apr 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	3.7	1.9	2.9#

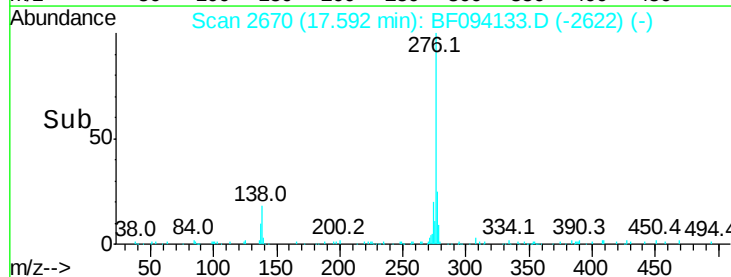
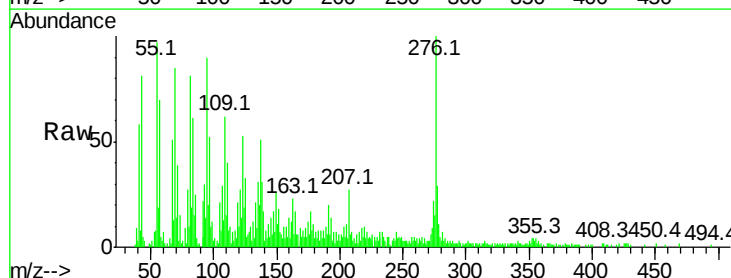
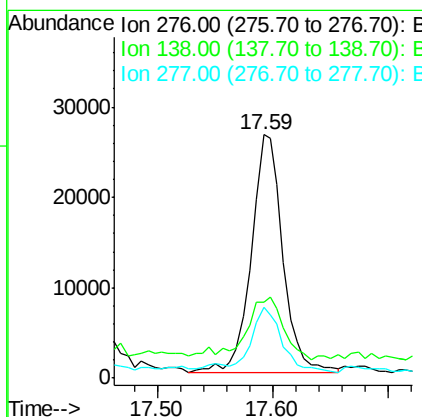
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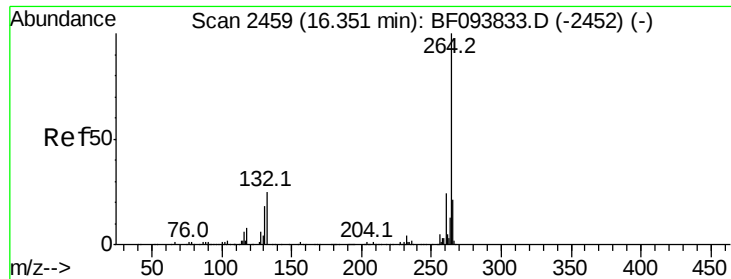
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.67 ng
 RT: 17.59 min Scan# 2670
 Delta R.T. -0.02 min
 Lab File: BF094133.D
 Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	26.3	20.2	30.4





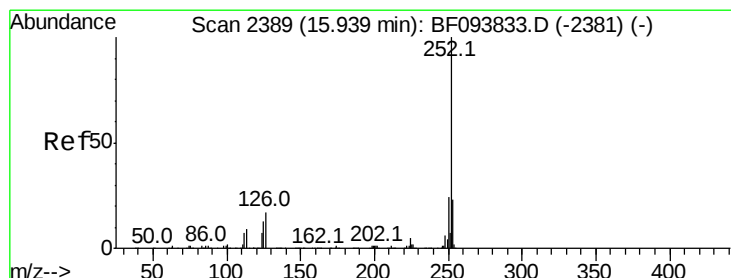
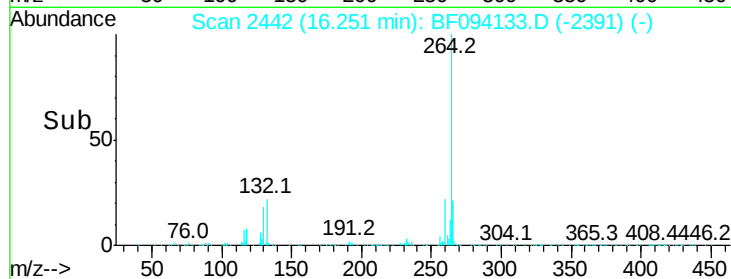
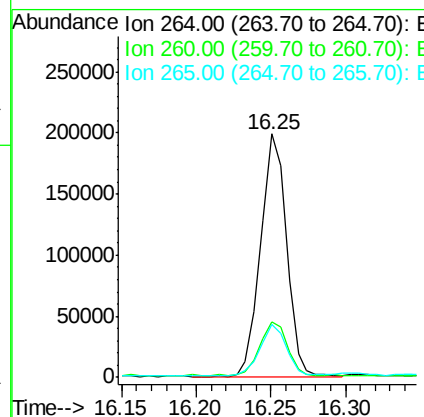
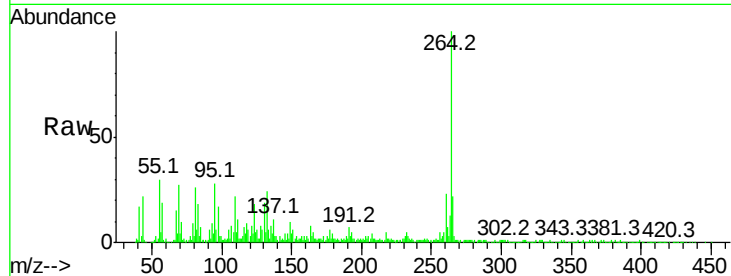
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Instrument :
BNA_F
ClientSampleId :
LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8

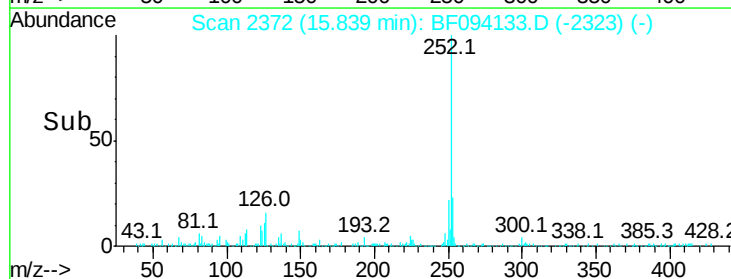
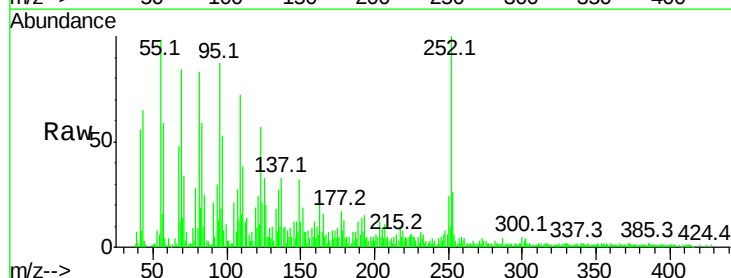
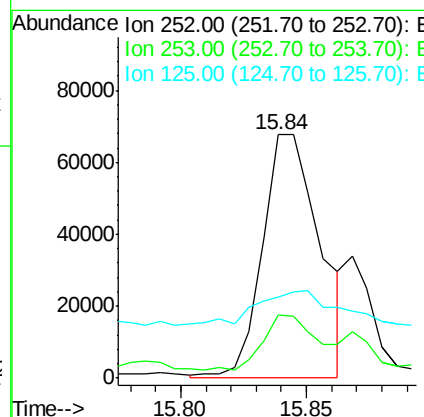
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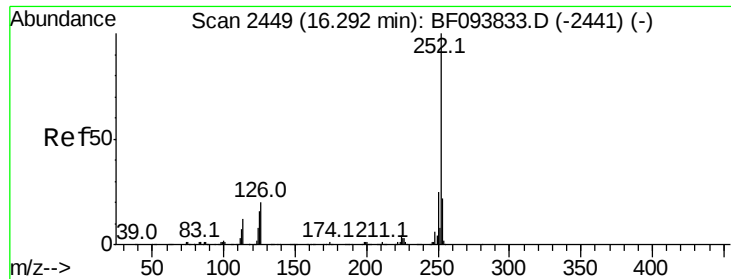
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#87
Benzo(b)fluoranthene
Concen: 7.46 ng m
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	33.3	9.8	14.8





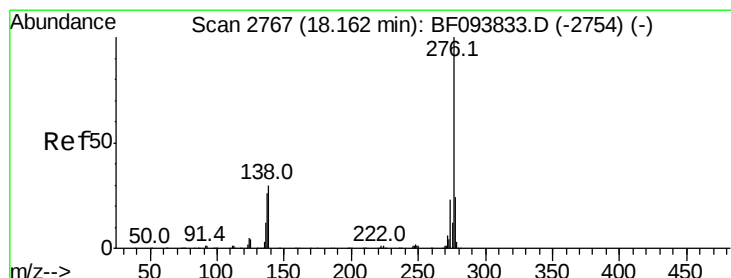
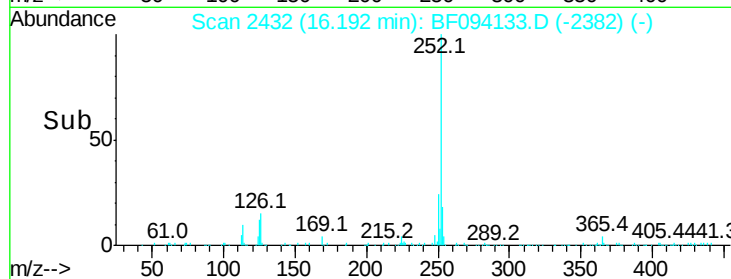
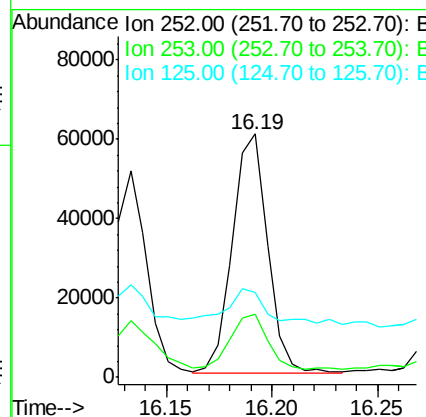
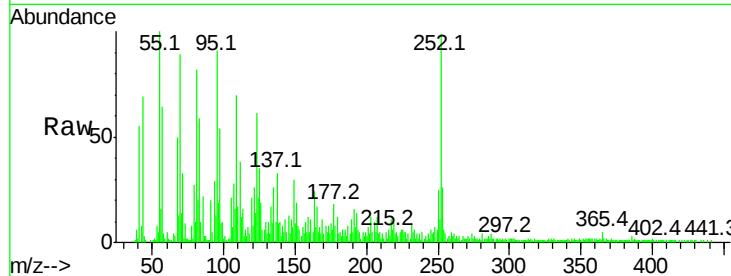
#89
Benzo(a)pyrene
Concen: 5.18 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Instrument :
BNA_F
ClientSampleId :
LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	34.9	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.43 ng
RT: 17.99 min Scan# 2738
Delta R.T. -0.02 min
Lab File: BF094133.D
Acq: 3 Apr 2017 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	28.9	25.4	38.0

