

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094132.D
 Acq On : 3 Apr 2017 20:27
 Operator : SJ/MA
 Sample : I2493-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP05-COMP

Manual Integrations
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Quant Time: Apr 04 02:06:52 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	148582	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	573021	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	239712	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	354718	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	235907	20.00	ng	-0.01
86) Perylene-d12	16.26	264	206023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	278709	31.68	ng	-0.02
7) Phenol-d6	5.49	99	345653	31.76	ng	-0.02
23) Nitrobenzene-d5	6.53	82	200540	19.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	50914	26.88	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	384108	24.44	ng	-0.02
78) Terphenyl-d14	13.33	244	197204	18.74	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.39	178	90564	4.59	ng	99
74) Fluoranthene	12.85	202	157307	7.79	ng	98
77) Pyrene	13.13	202	165010	9.64	ng	97
79) Butylbenzylphthalate	13.95	149	61500	8.43	ng	# 76
80) Benzo(a)anthracene	14.60	228	71038	5.16	ng	# 91
82) Chrysene	14.65	228	73645	5.77	ng	# 91
83) Bis(2-ethylhexyl)phthalate	14.67	149	280214	28.16	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.60	276	62865	5.69	ng	94
87) Benzo(b)fluoranthene	15.84	252	114722m	9.08	ng	
88) Benzo(k)fluoranthene	15.87	252	40707m	3.29	ng	
89) Benzo(a)pyrene	16.20	252	80524	6.92	ng	# 69
91) Benzo(a,h,i)perylene	18.00	276	72751	7.33	ng	95

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

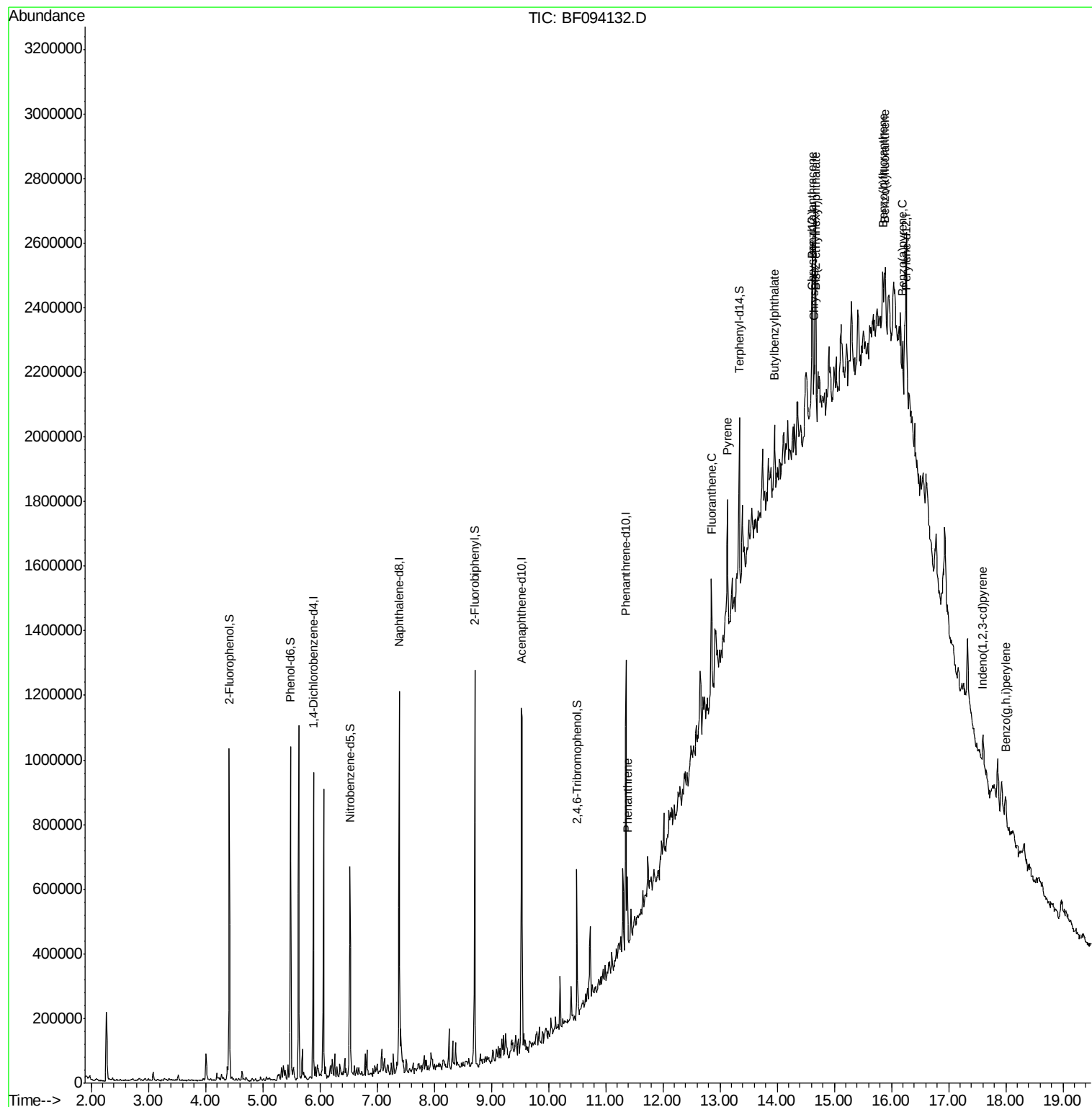
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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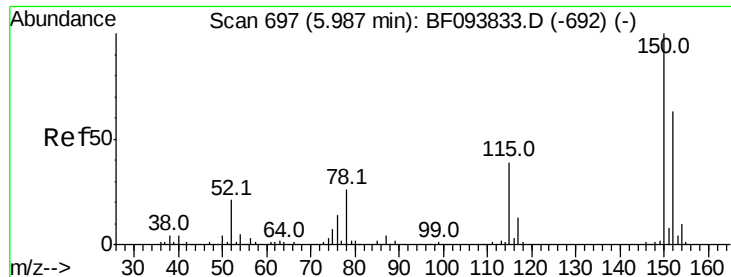
Instrument :
BNA_F
ClientSampled :
LSS-SP05-COMP

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Quant Time: Apr 04 02:06:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

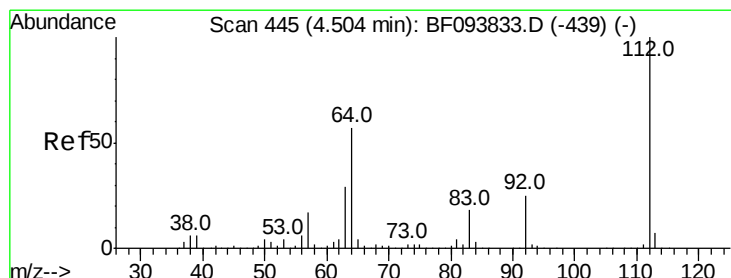
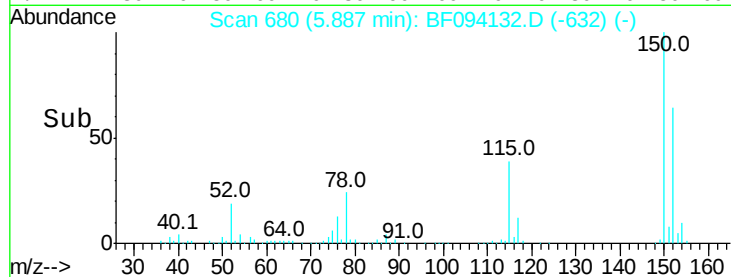
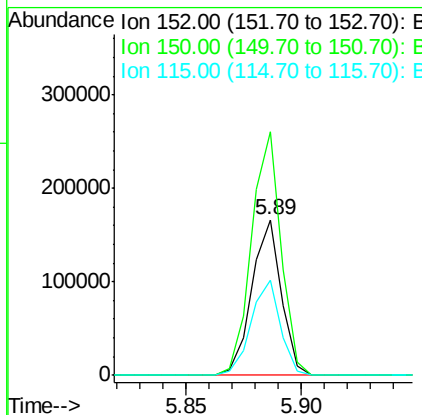
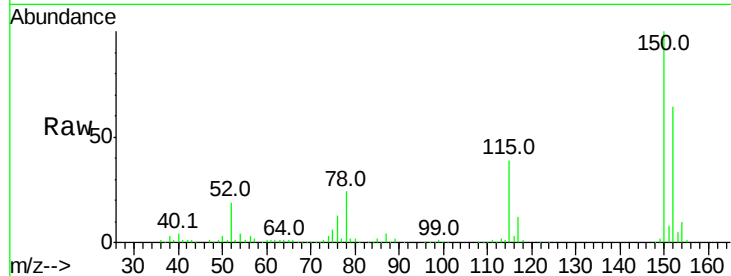
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Instrument :
BNA_F
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	61.5	52.2	78.2

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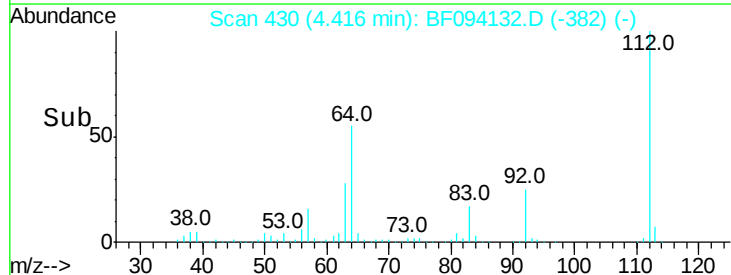
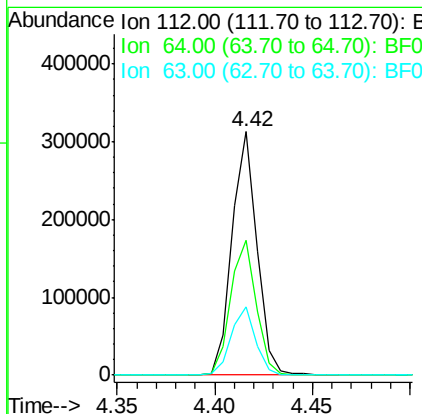
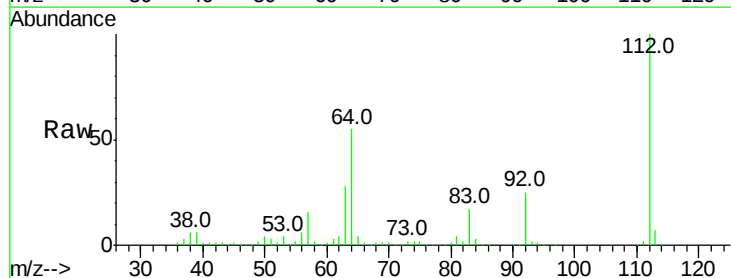
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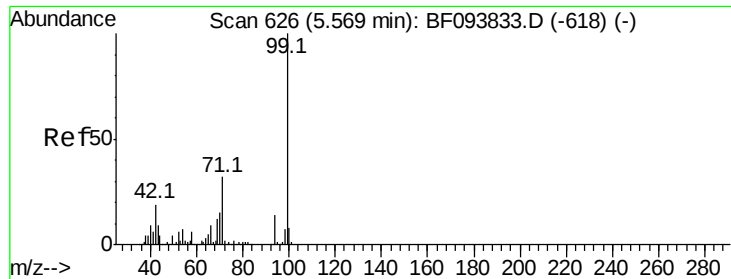


#5

2-Fluorophenol
Concen: 31.68 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	27.9	23.4	35.0





#7

Phenol-d6

Concen: 31.76 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094132.D

Acq: 3 Apr 2017 20:27

Instrument :

BNA_F

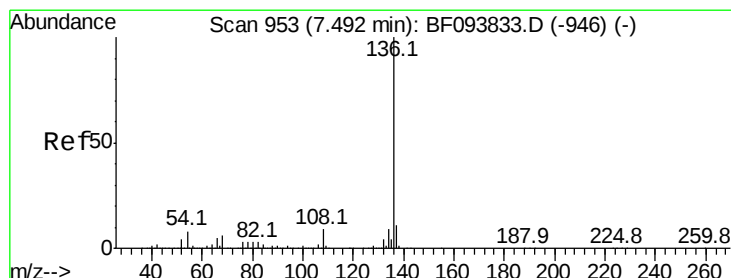
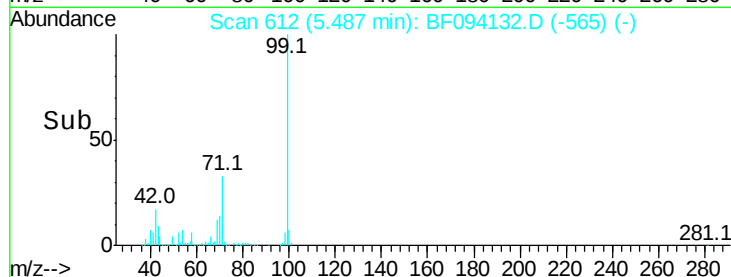
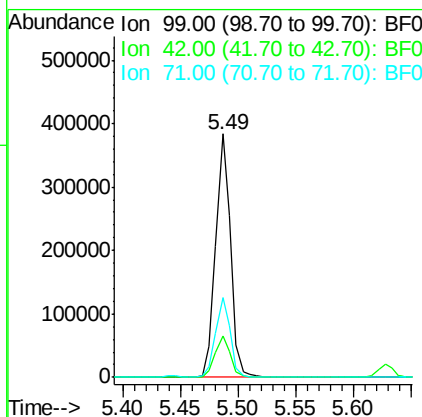
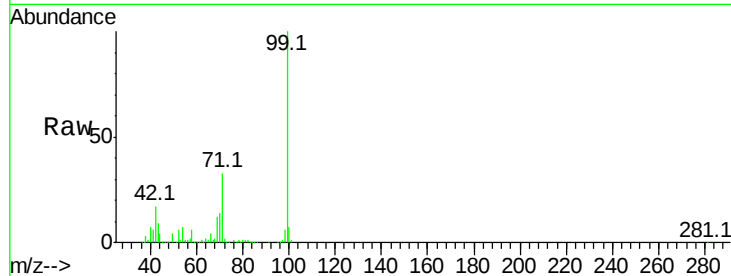
ClientSampleId :

LSS-SP05-COMP

Tot Ion:	99	Resp:	345653
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	33.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

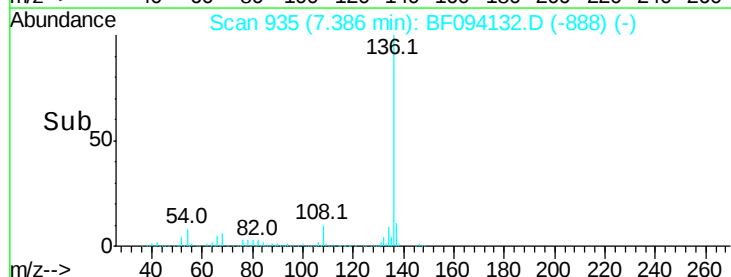
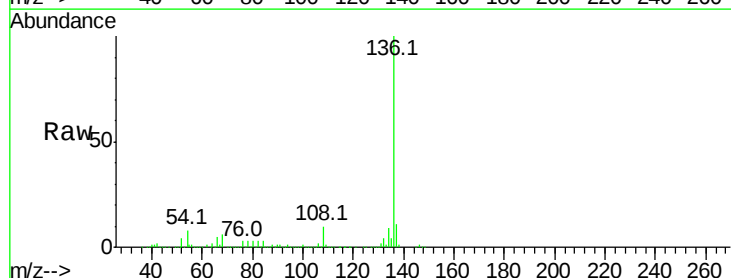
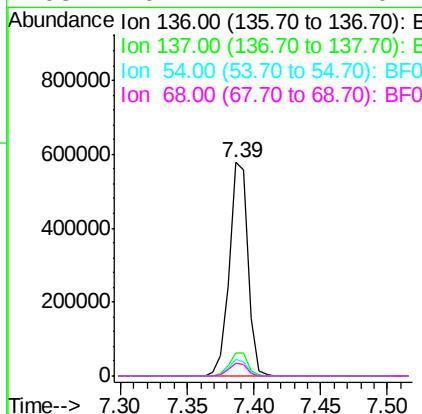
RT: 7.39 min Scan# 935

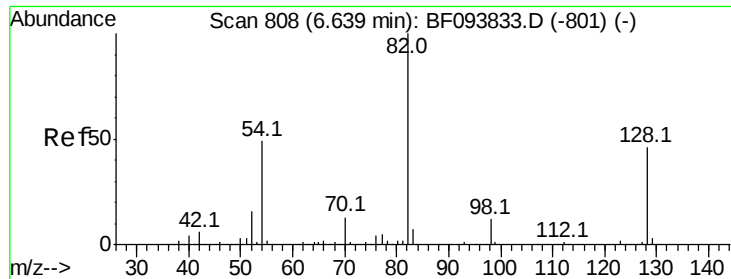
Delta R.T. -0.02 min

Lab File: BF094132.D

Acq: 3 Apr 2017 20:27

Tgt Ion:	136	Resp:	573021
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	7.8	4.9	7.3#
68	6.1	4.1	6.1





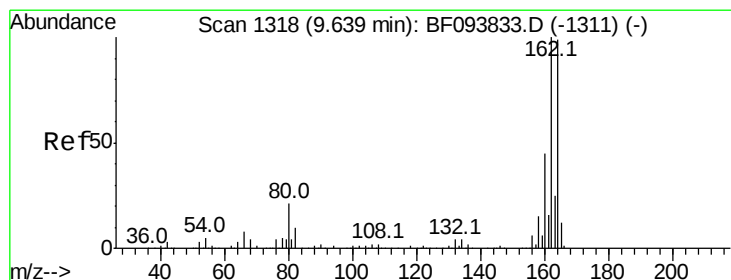
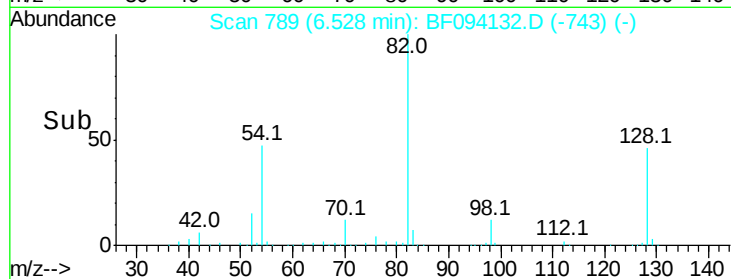
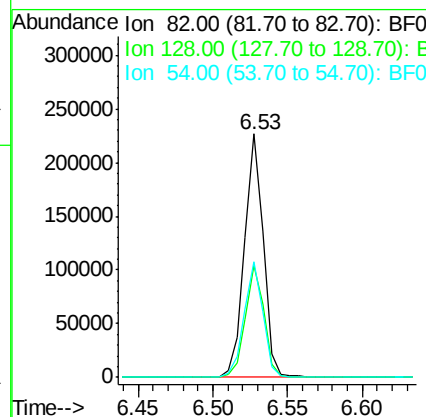
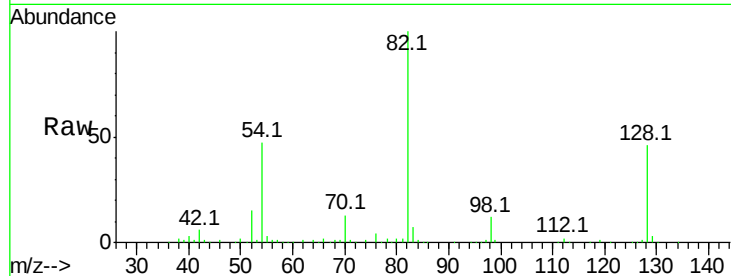
#23
 Nitrobenzene-d5
 Concen: 19.97 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094132.D
 Acq: 3 Apr 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP05-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	47.3	42.2	63.2

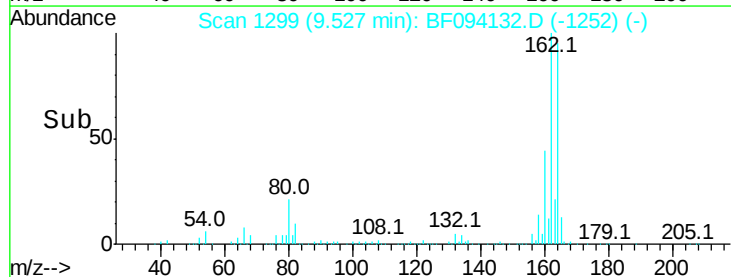
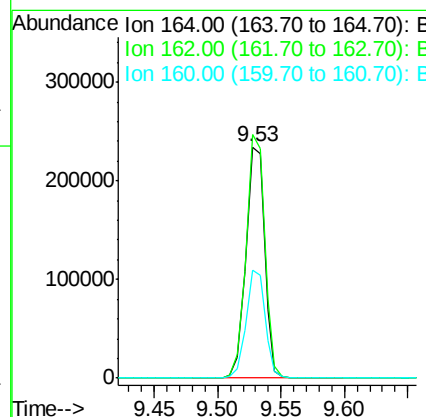
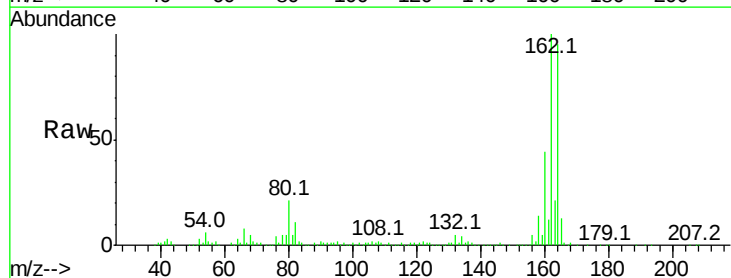
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094132.D
 Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	46.7	36.2	54.2





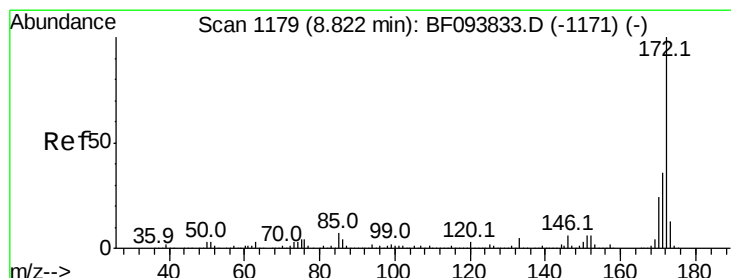
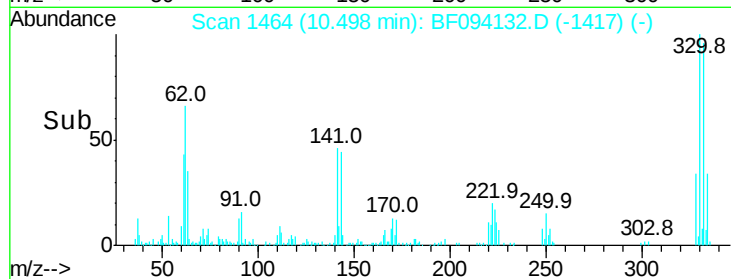
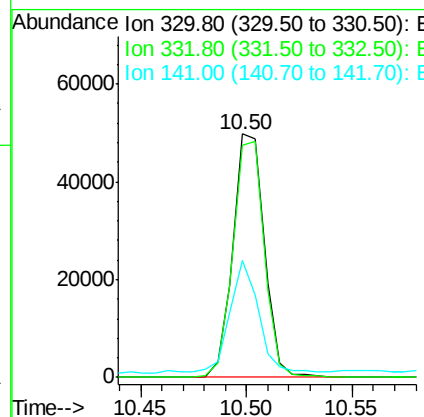
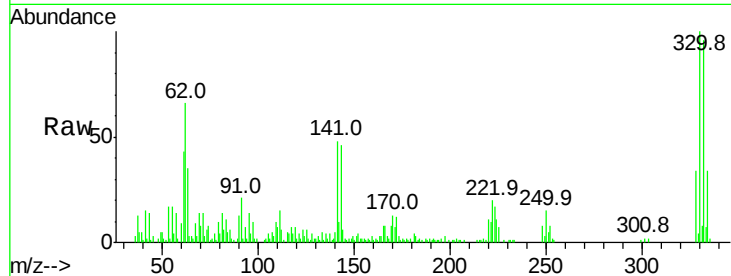
#41
 2,4,6-Tribromophenol
 Concen: 26.88 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094132.D
 Acq: 3 Apr 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	50914		
332	96.8	76.6	115.0	
141	42.9	31.4	47.2	

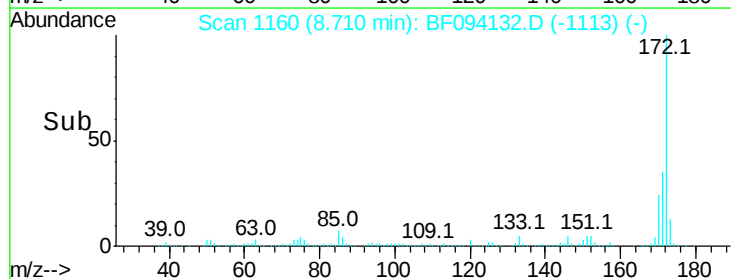
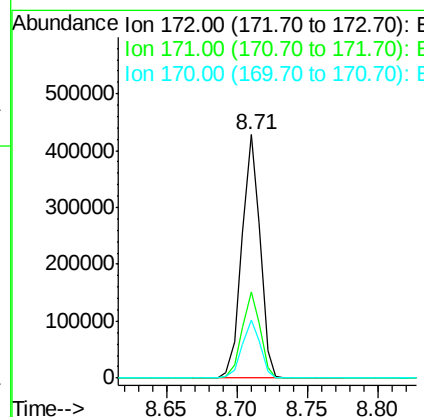
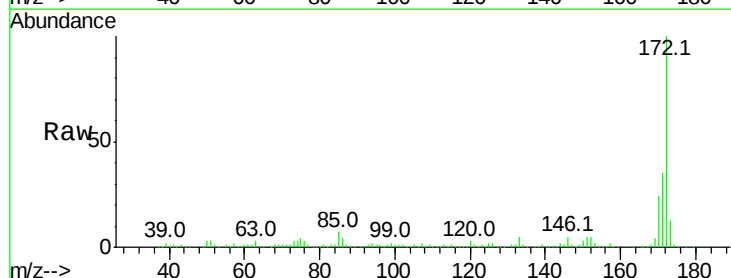
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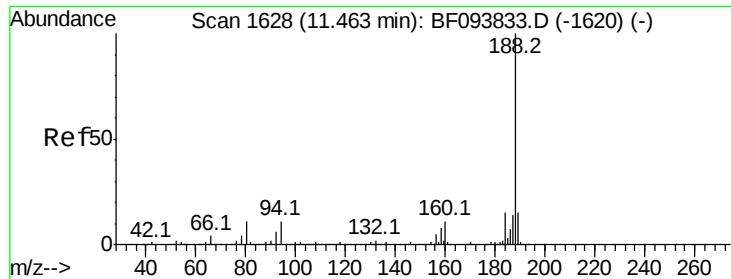
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#44
 2-Fluorobiphenyl
 Concen: 24.44 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094132.D
 Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	384108		
171	35.3	29.6	44.4	
170	24.0	19.8	29.8	





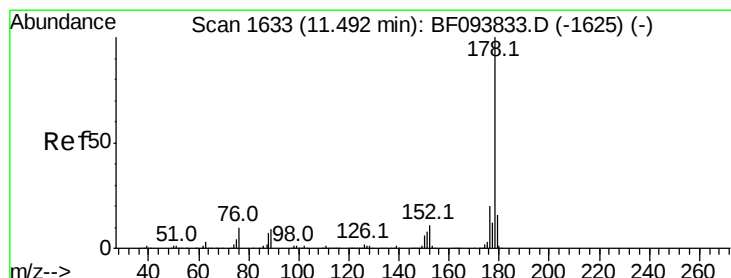
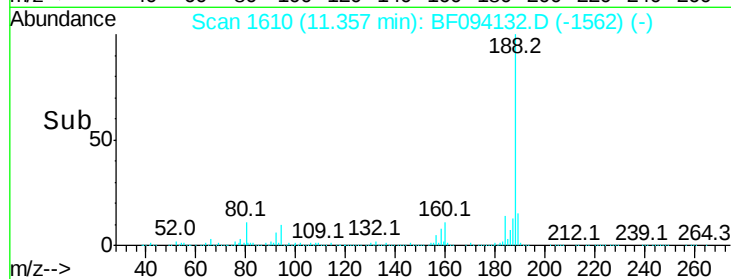
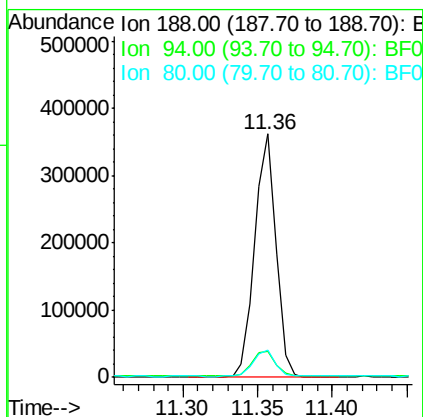
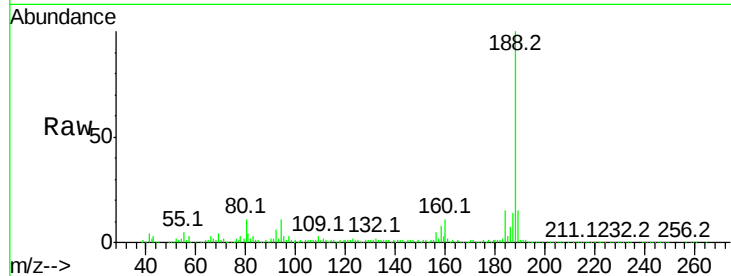
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Instrument :
BNA_F
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	354718		
94	10.9		9.4	14.2
80	11.2		10.2	15.2

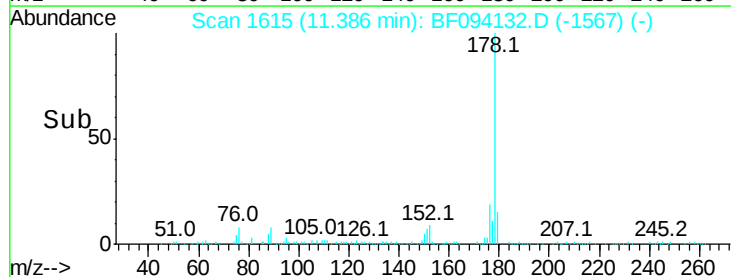
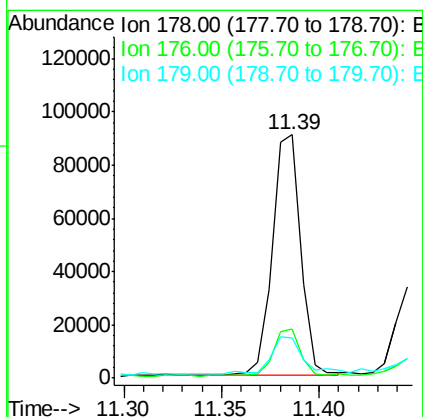
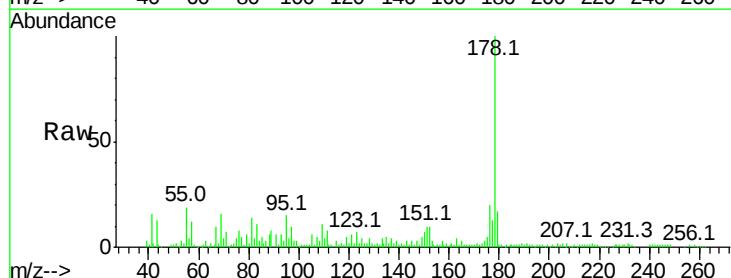
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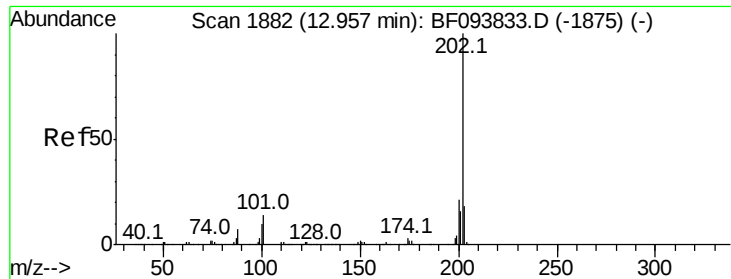
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#70
Phenanthrene
Concen: 4.59 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	90564		
176	20.0		16.2	24.4
179	16.6		12.6	19.0





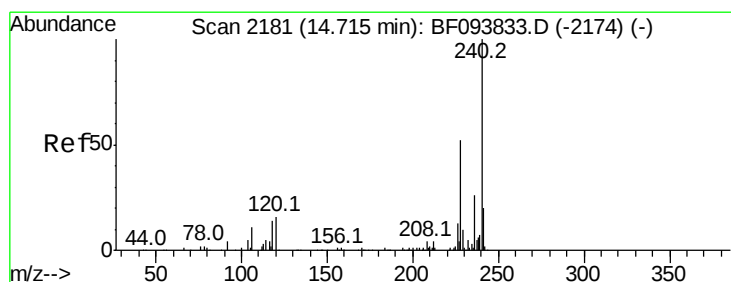
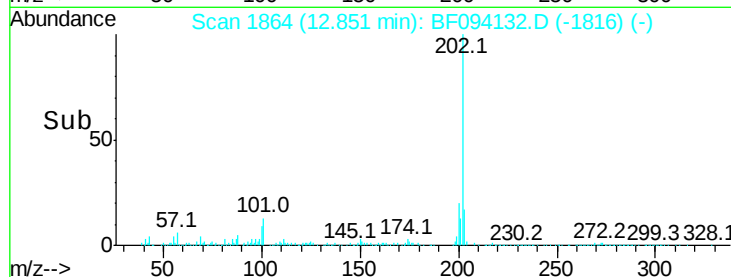
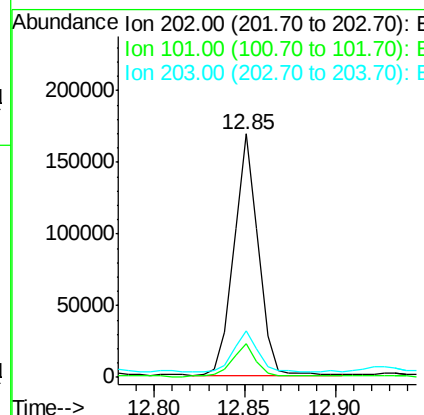
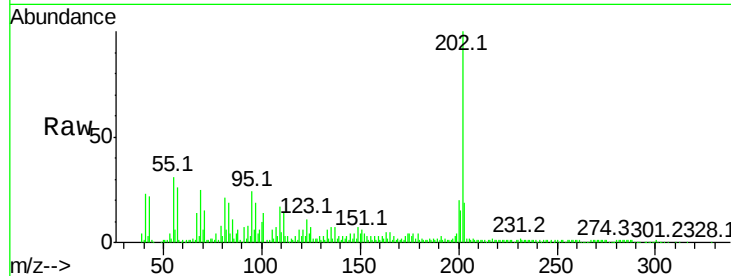
#74
Fluoranthene
 Concen: 7.79 ng
 RT: 12.85 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF094132.D
 Acq: 3 Apr 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	157307		
101	13.7	0.0	33.2	
203	19.0	0.0	38.1	

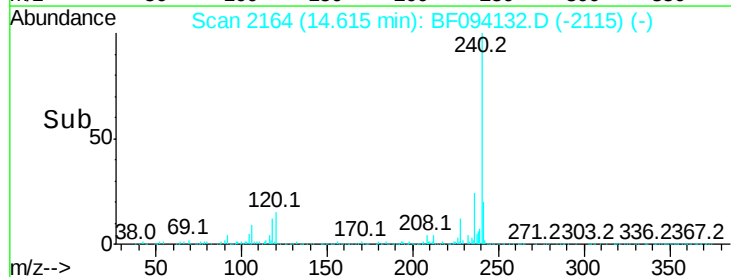
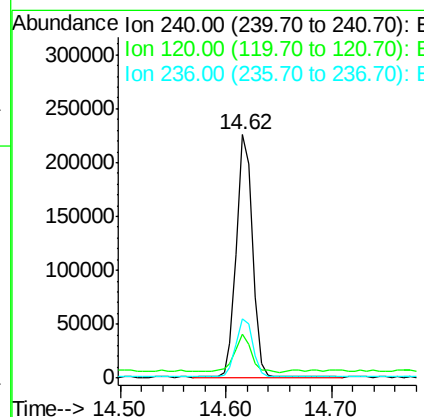
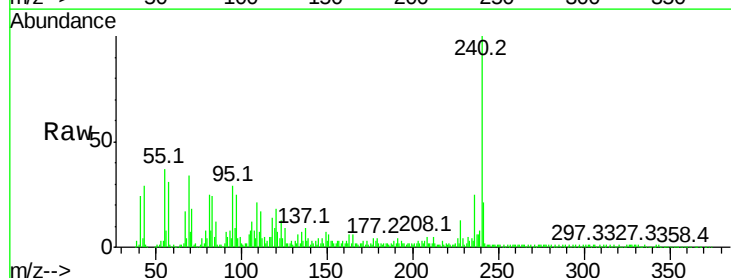
Manual Integrations
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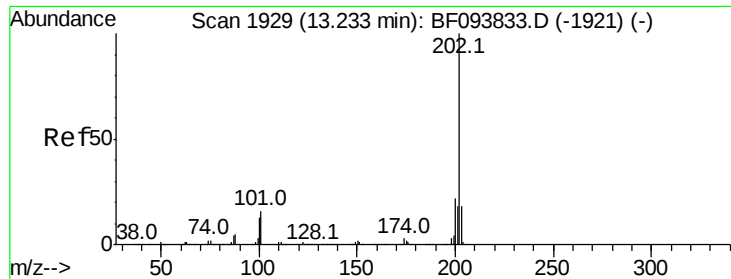
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BF094132.D
 Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	235907		
120	17.9	5.8	8.8#	
236	24.6	20.5	30.7	





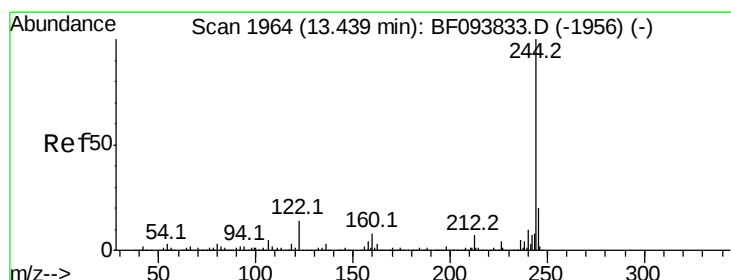
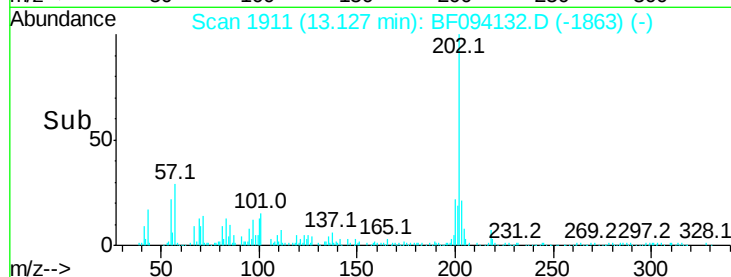
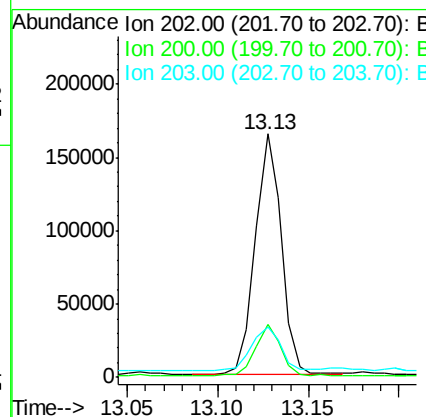
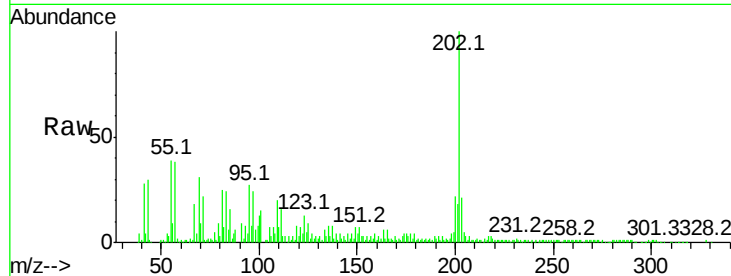
#77
Pvrene
Concen: 9.64 ng
RT: 13.13 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Instrument :
BNA_F
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.6	26.4
203	20.7	14.4	21.6

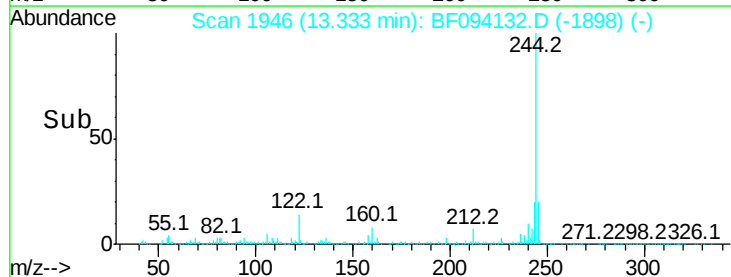
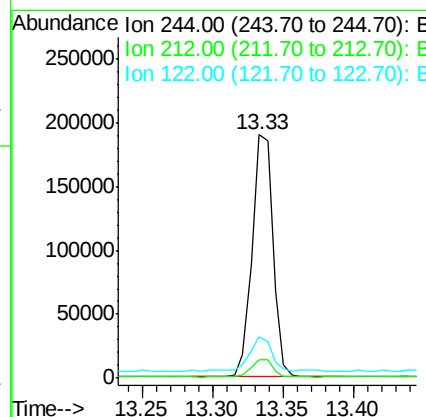
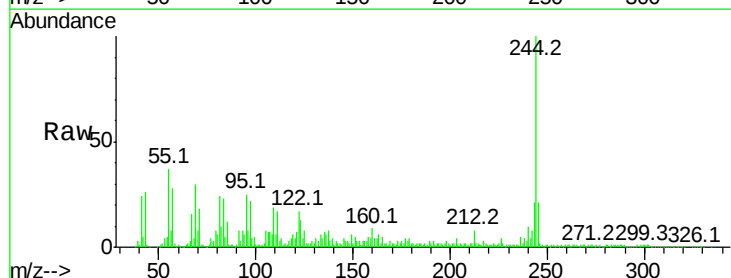
Manual Integrations
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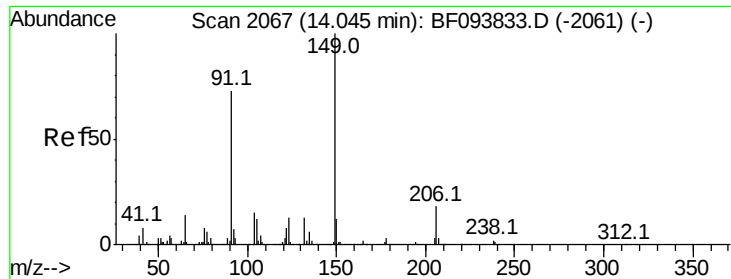
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#78
Terphenyl-d14
Concen: 18.74 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	17.0	10.3	15.5





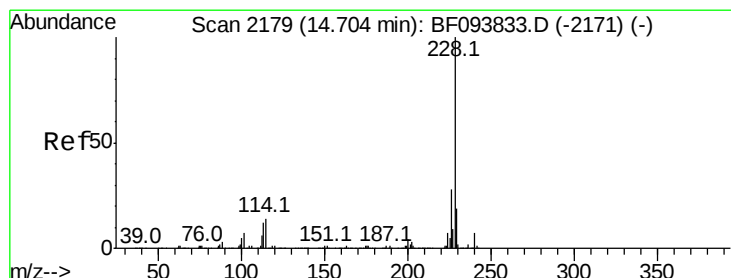
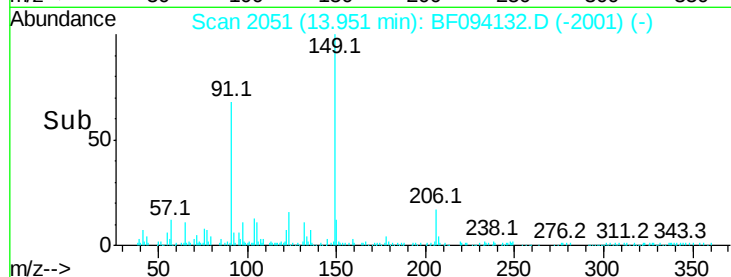
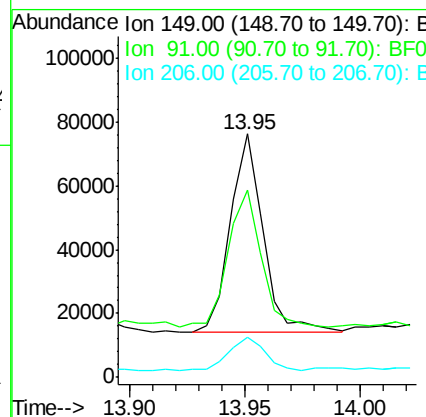
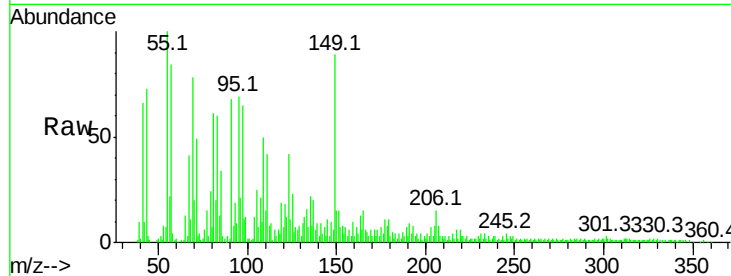
#79
Butylbenzylphthalate
Concen: 8.43 ng
RT: 13.95 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Instrument :
BNA_F
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	45.0	67.4#
206	16.6	17.0	25.6#

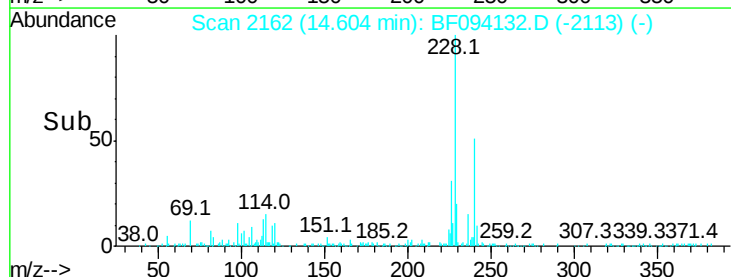
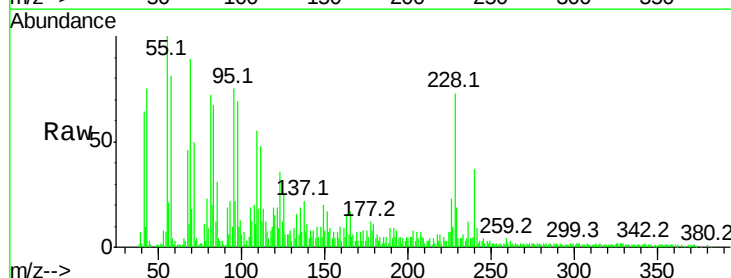
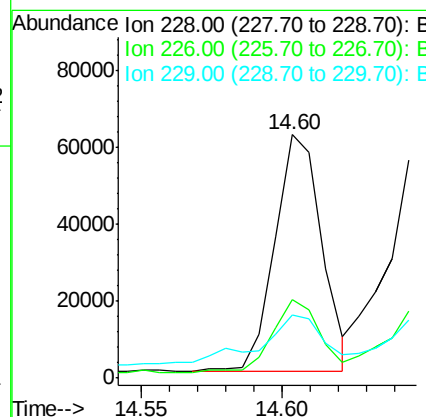
Manual Integrations
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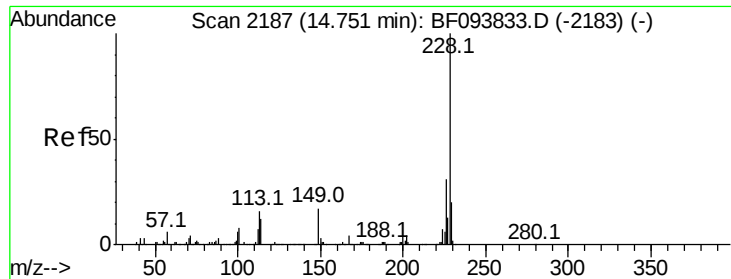
mohammad
4/4/2017 5:34:17 PM



#80
Benzo(a)anthracene
Concen: 5.16 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	25.8	16.3	24.5#





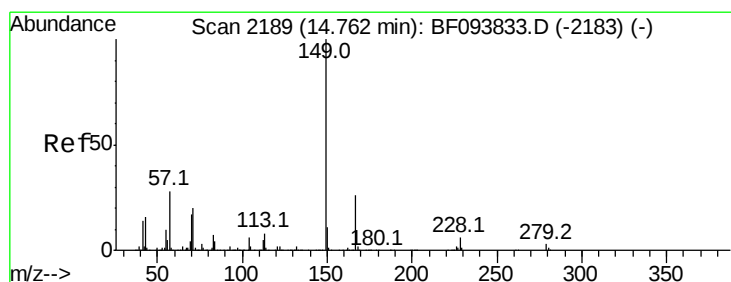
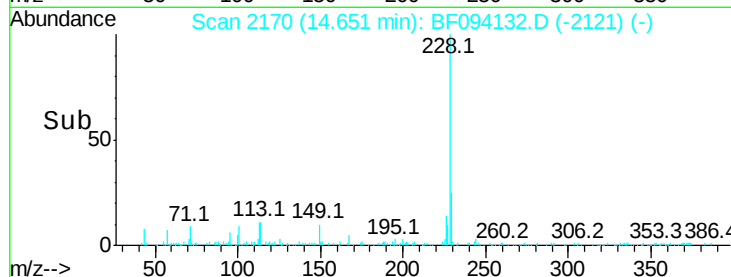
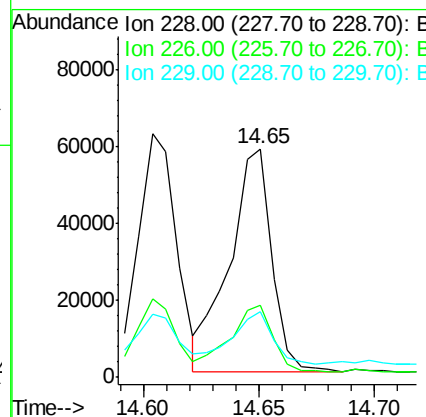
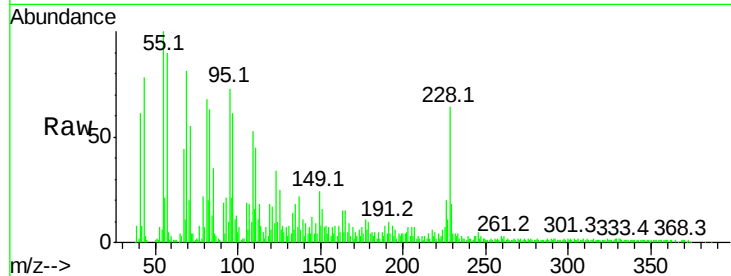
#82
Chrysene
Concen: 5.77 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Instrument :
BNA_F
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	28.9	15.8	23.6

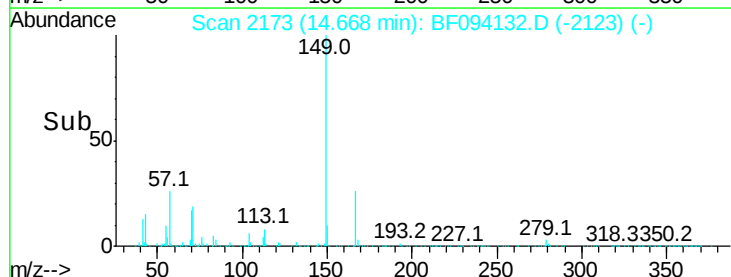
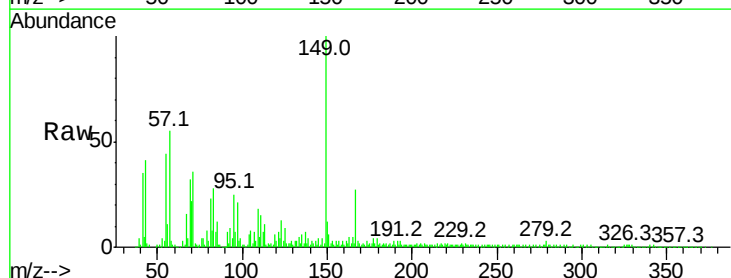
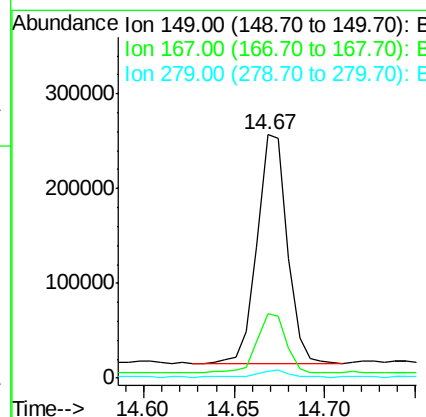
Manual Integrations
APPROVED

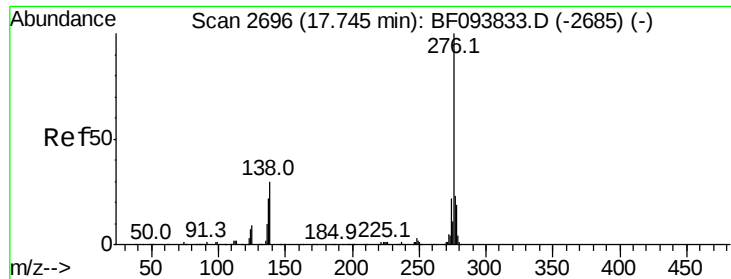
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 28.16 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.0	1.9	2.9





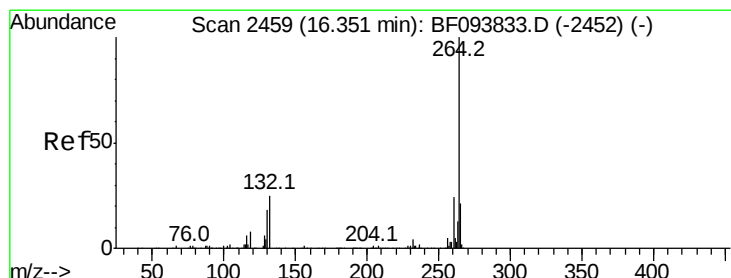
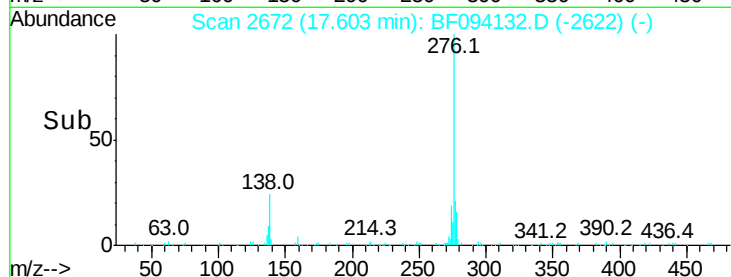
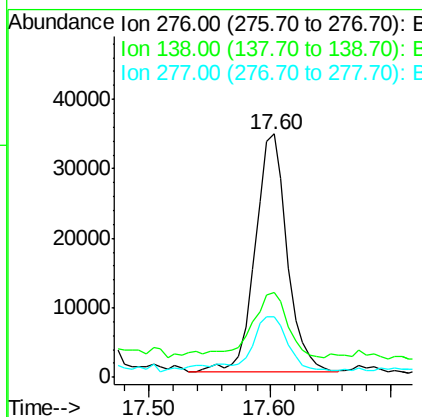
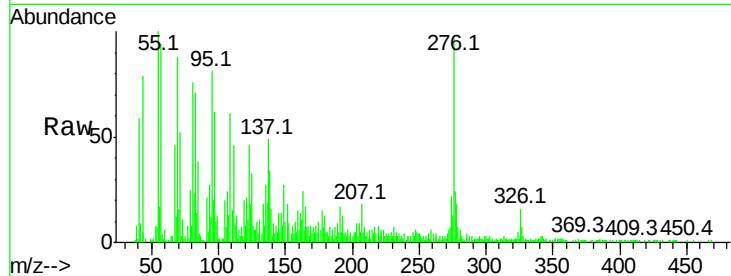
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.69 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.01 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Instrument :
BNA_F
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	28.5	20.2	30.4

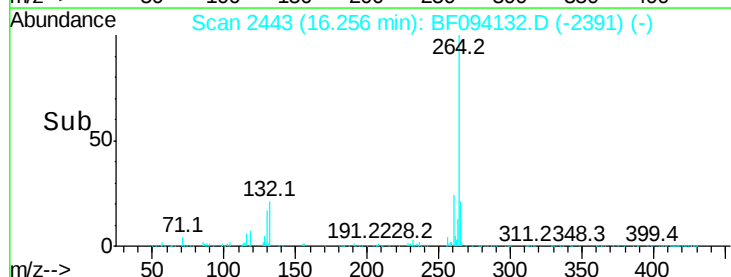
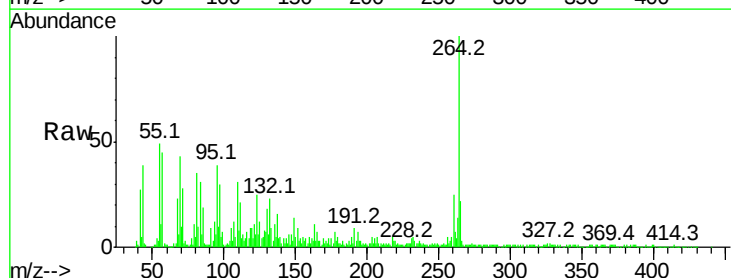
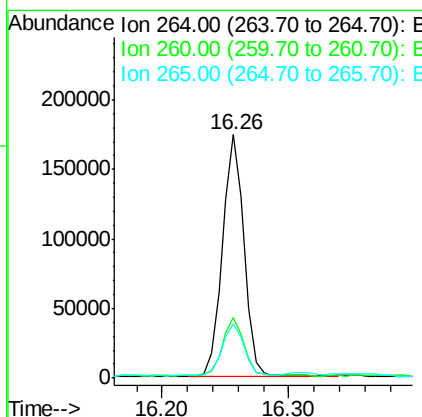
Manual Integrations
APPROVED

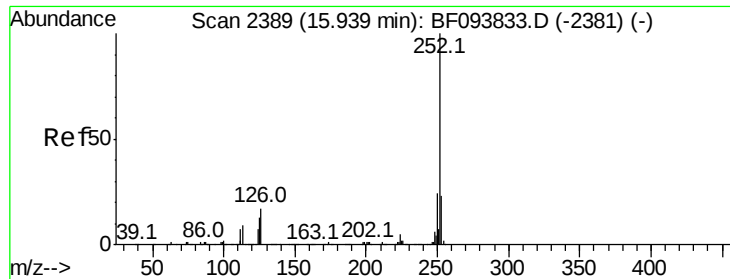
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF094132.D
Acq: 3 Apr 2017 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 9.08 ng m

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094132.D

Acq: 3 Apr 2017 20:27

Instrument :

BNA_F

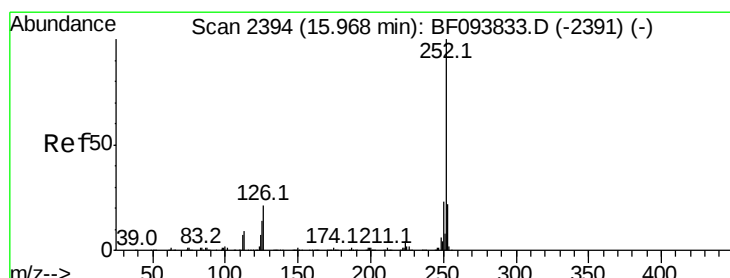
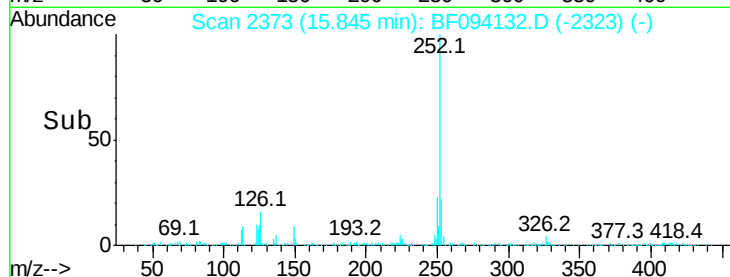
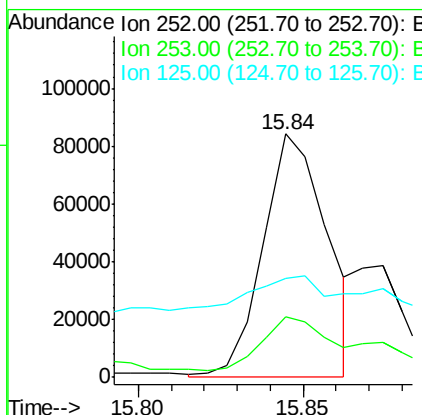
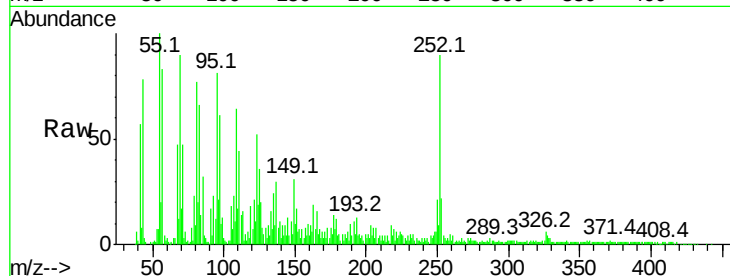
ClientSampleId :

LSS-SP05-COMP

Tot Ion:	252	Resp:	114722
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	40.4	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.29 ng m

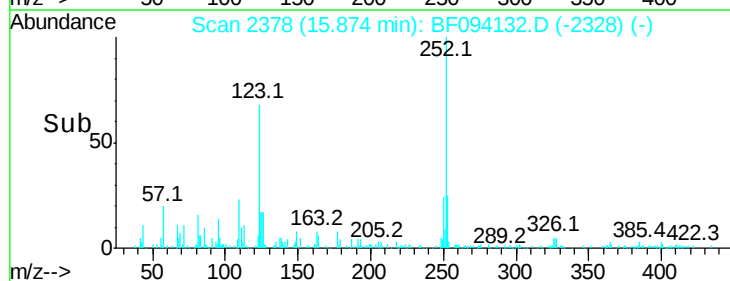
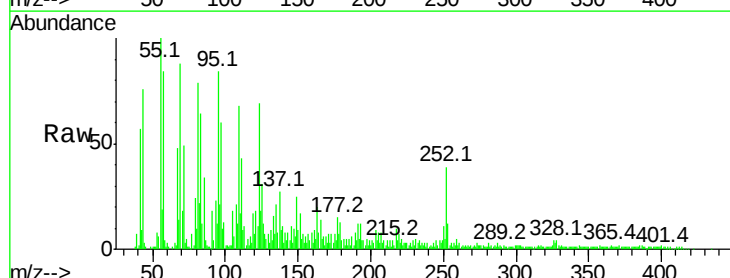
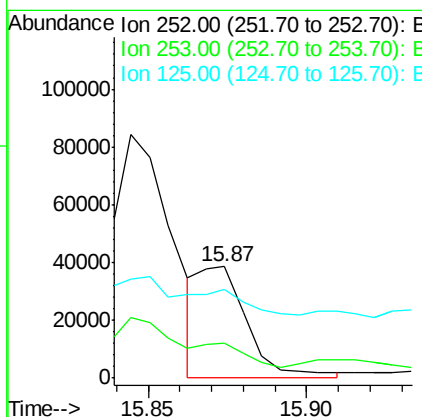
RT: 15.87 min Scan# 2378

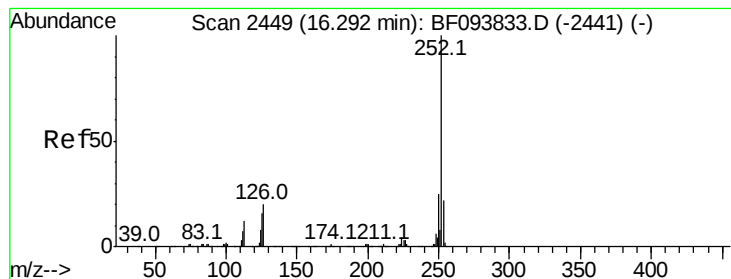
Delta R.T. -0.01 min

Lab File: BF094132.D

Acq: 3 Apr 2017 20:27

Tgt Ion:	252	Resp:	40707
Ion Ratio	Lower	Upper	
252	100		
253	31.2	18.4	27.6#
125	79.7	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 6.92 ng

RT: 16.20 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BF094132.D

Acq: 3 Apr 2017 20:27

Instrument :

BNA_F

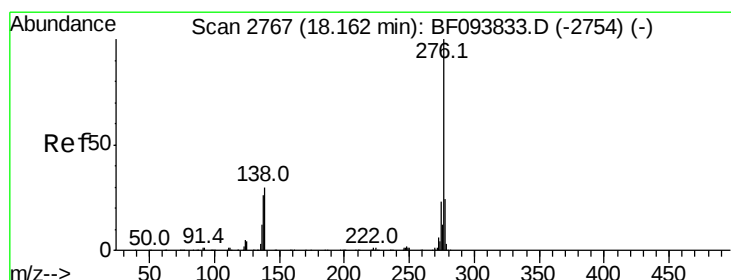
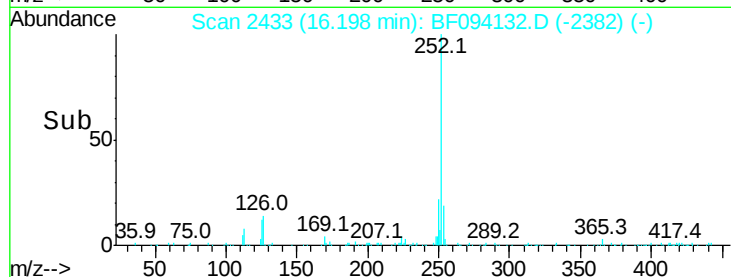
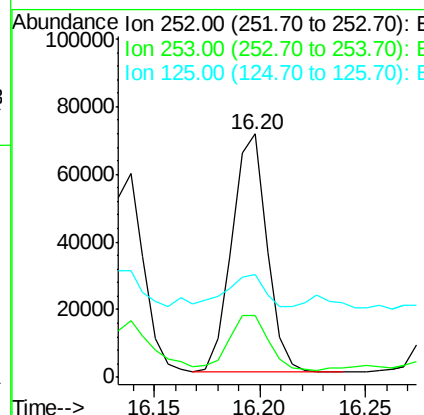
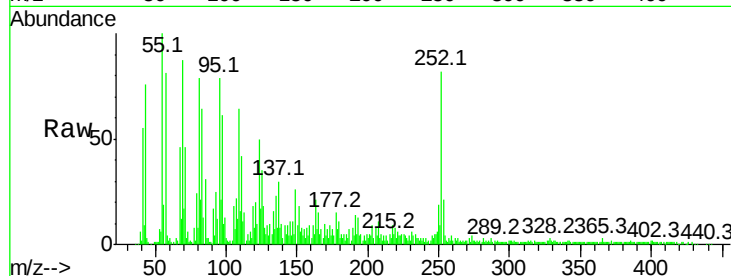
ClientSampleId :

LSS-SP05-COMP

Tot Ion:	252	Resp:	80524
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.5	26.3
125	42.0	11.0	16.4#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 7.33 ng

RT: 18.00 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BF094132.D

Acq: 3 Apr 2017 20:27

Tgt Ion:	276	Resp:	72751
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.6	28.0
138	35.0	25.4	38.0

