

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094131.D
 Acq On : 3 Apr 2017 20:00
 Operator : SJ/MA
 Sample : I2495-01 4X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP01-COMP

Manual Integrations
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 4/4/2017 5:34:15 PM

Quant Time: Apr 04 02:01:17 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	188144	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	729067	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	311292	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	485228	20.00	ng	-0.02
75) Chrysene-d12	14.61	240	317014	20.00	ng	-0.02
86) Perylene-d12	16.24	264	296394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	255378	22.93	ng	-0.02
7) Phenol-d6	5.49	99	323757	23.49	ng	-0.02
23) Nitrobenzene-d5	6.53	82	192705	15.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	52130	21.19	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	368288	18.05	ng	-0.02
78) Terphenyl-d14	13.33	244	204524	14.46	ng	-0.02
Target Compounds						Qvalue
74) Fluoranthene	12.84	202	64889	2.35	ng	98
77) Pyrene	13.12	202	63720	2.77	ng	98
79) Butylbenzylphthalate	13.94	149	38324	3.91	ng	88
83) Bis(2-ethylhexyl)phthalate	14.66	149	57735	4.32	ng	94
87) Benzo(b)fluoranthene	15.83	252	51058m	2.81	ng	
89) Benzo(a)pyrene	16.18	252	35300	2.11	ng	# 83
91) Benzo(g,h,i)perylene	17.97	276	33989	2.38	ng	# 88

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

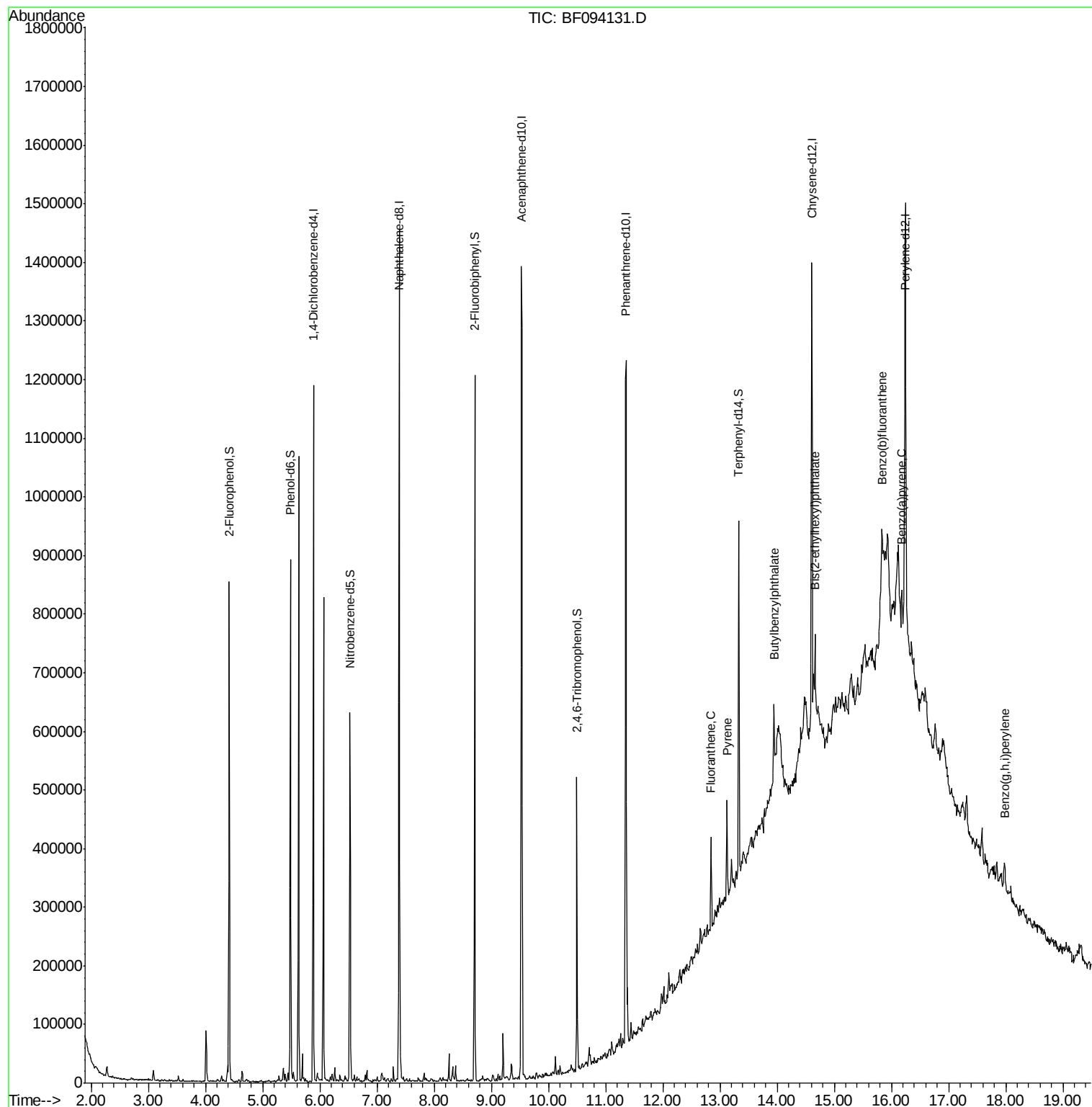
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
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#1

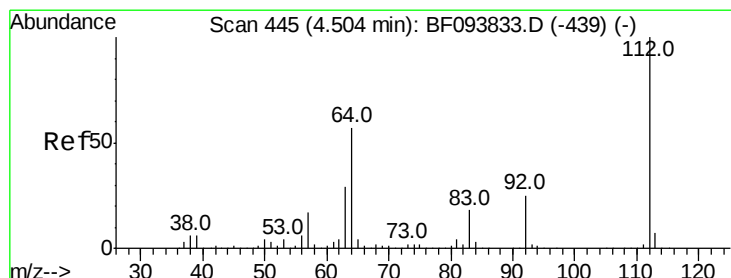
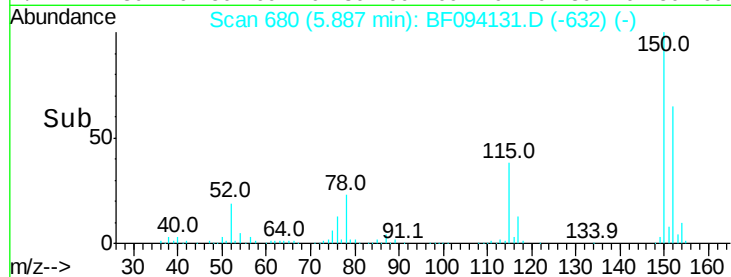
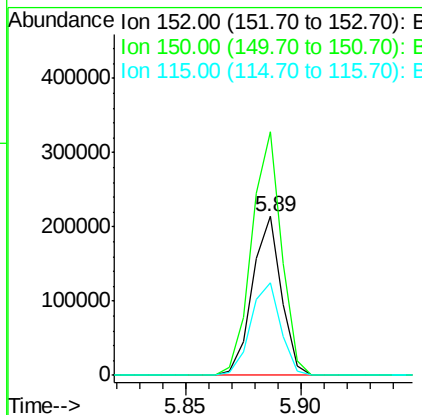
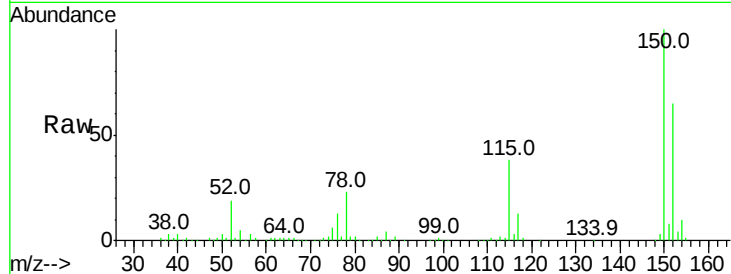
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Instrument :
BNA_F
ClientSampleId :
LSS-SP01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	58.3	52.2	78.2

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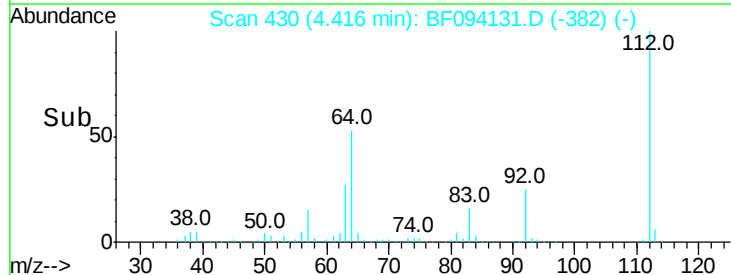
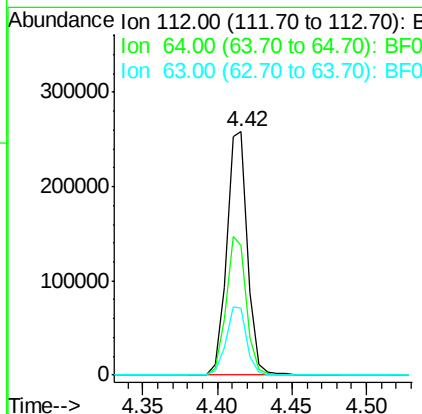
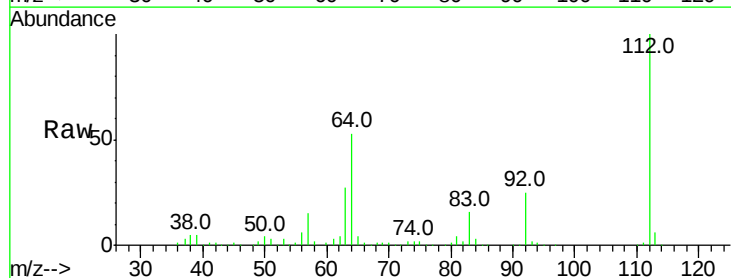
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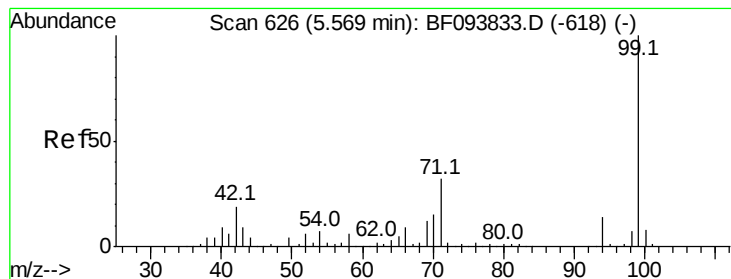


#5

2-Fluorophenol
Concen: 22.93 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.0	69.0
63	27.5	23.4	35.0





#7

Phenol-d6

Concen: 23.49 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094131.D

Acq: 3 Apr 2017 20:00

Instrument :

BNA_F

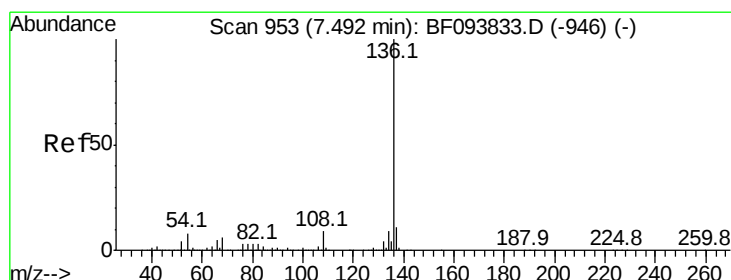
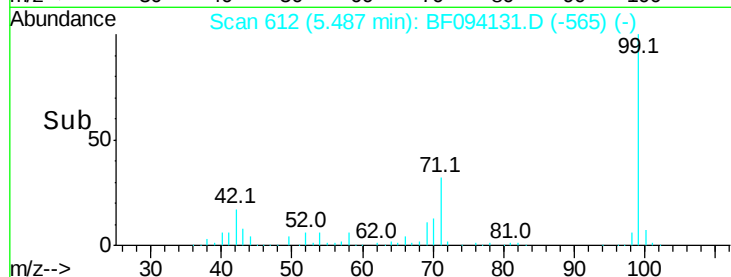
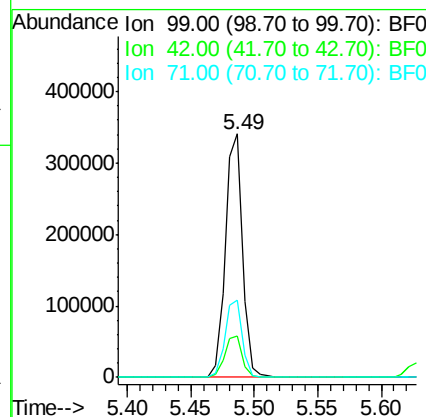
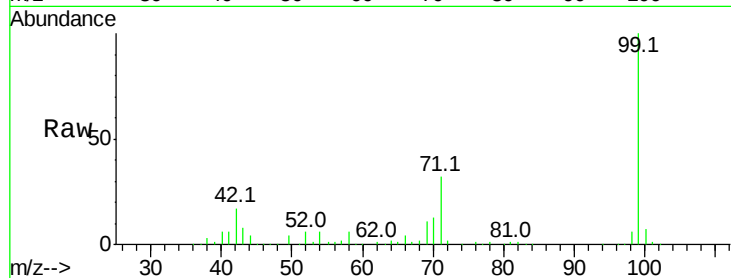
ClientSampleId :

LSS-SP01-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		323757		
42	17.0	13.5	20.3		
71	31.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

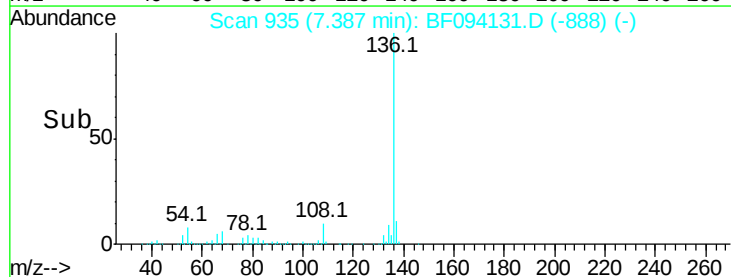
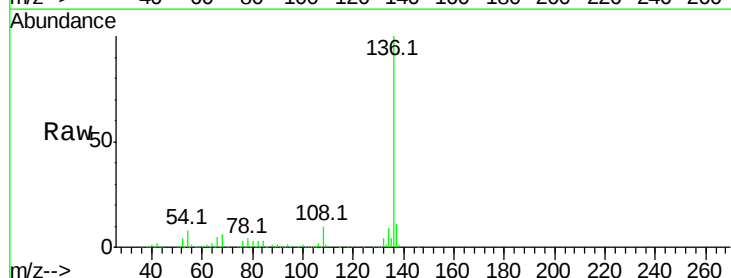
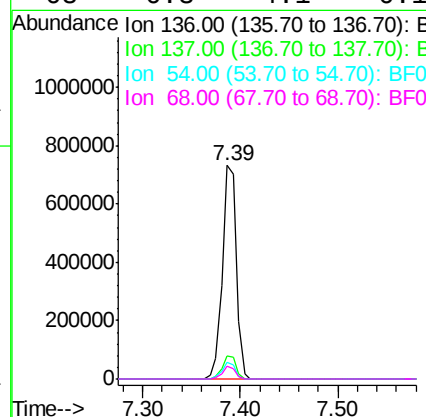
RT: 7.39 min Scan# 935

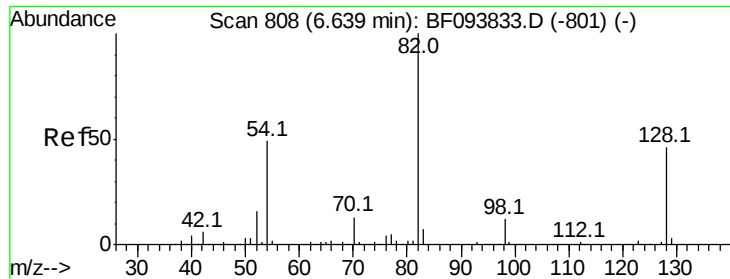
Delta R.T. -0.02 min

Lab File: BF094131.D

Acq: 3 Apr 2017 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		729067		
137	11.1	8.5	12.7		
54	7.9	4.9	7.3#		
68	6.3	4.1	6.1#		





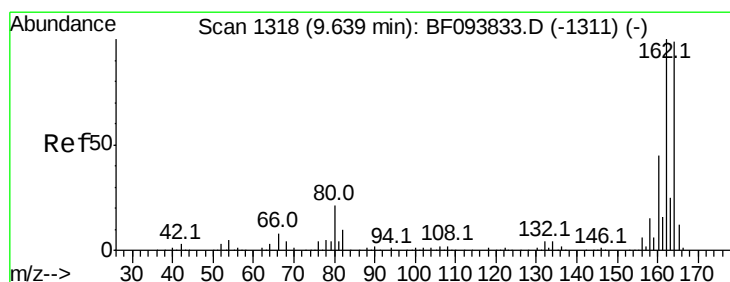
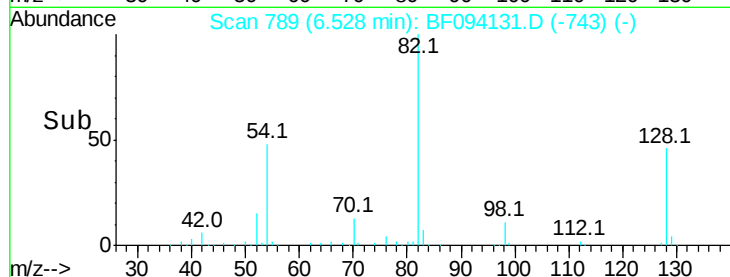
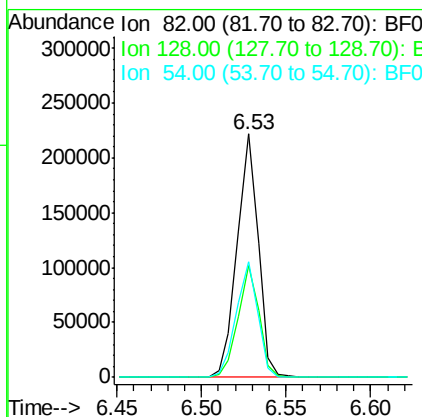
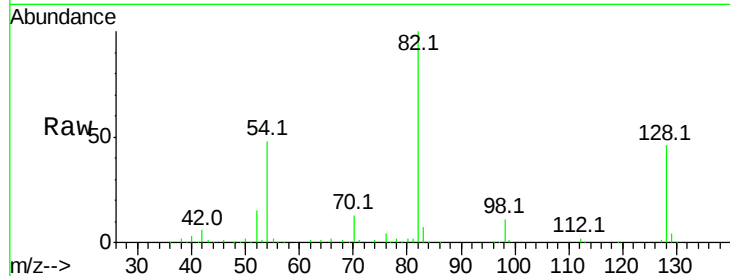
#23
 Nitrobenzene-d5
 Concen: 15.08 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP01-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	192705		
128	45.7	34.0	51.0	
54	47.5	42.2	63.2	

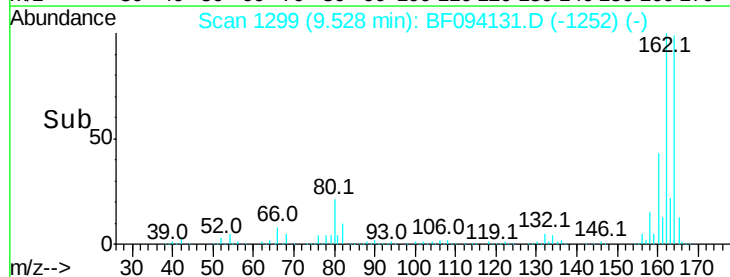
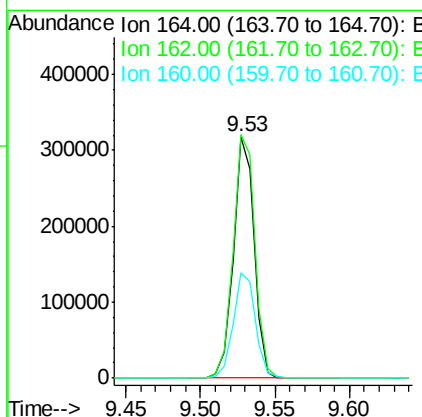
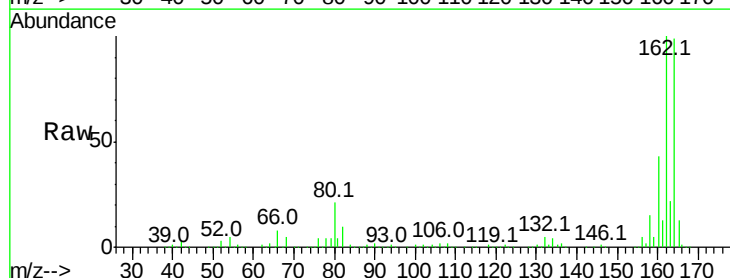
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	311292		
162	100.9	82.6	123.8	
160	43.6	36.2	54.2	





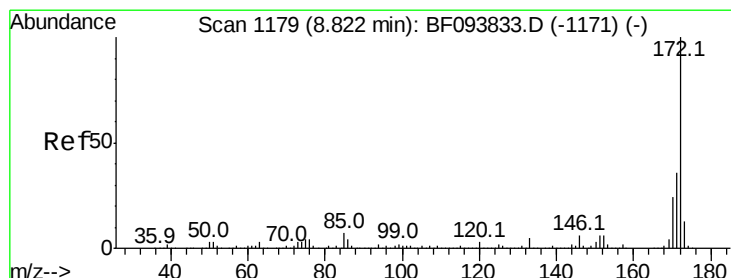
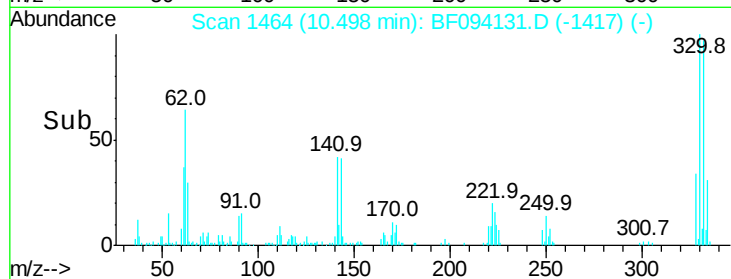
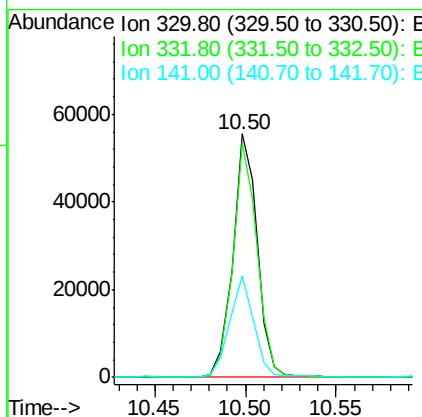
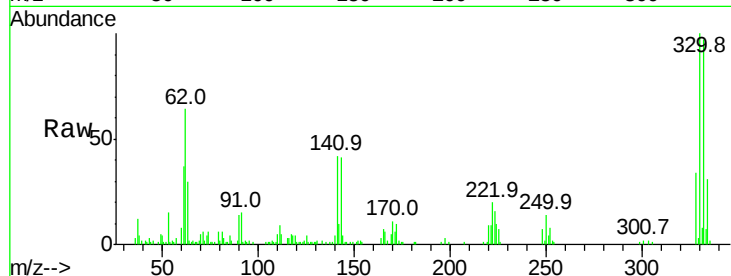
#41
 2,4,6-Tribromophenol
 Concen: 21.19 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP01-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	42.4	31.4	47.2

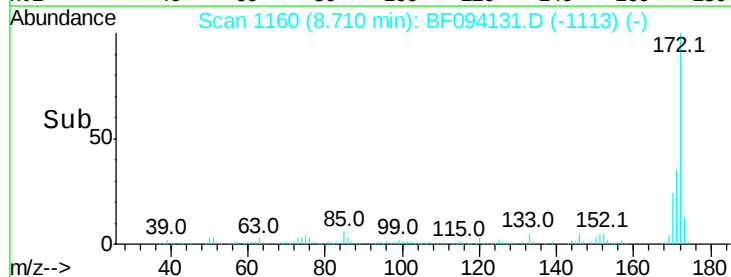
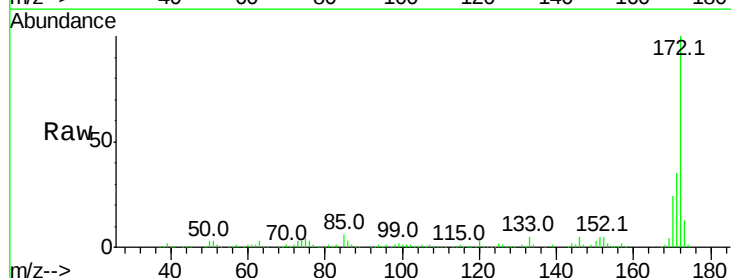
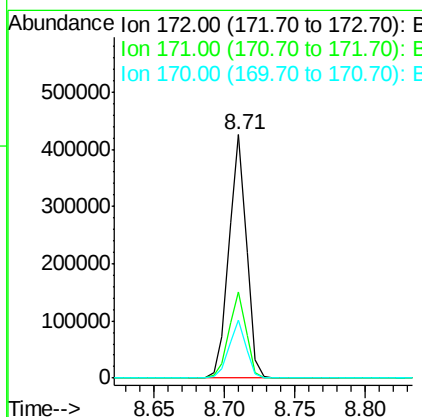
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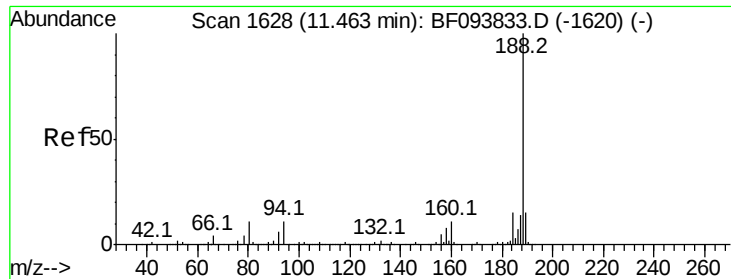
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#44
 2-Fluorobiphenyl
 Concen: 18.05 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	19.8	29.8





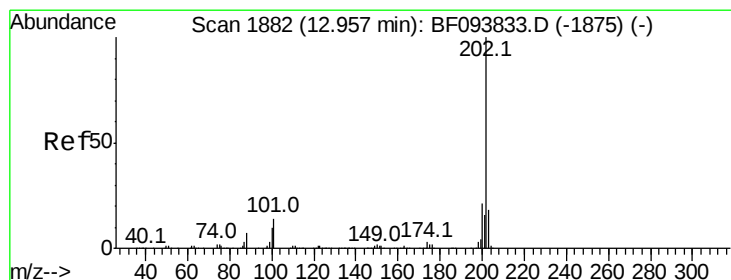
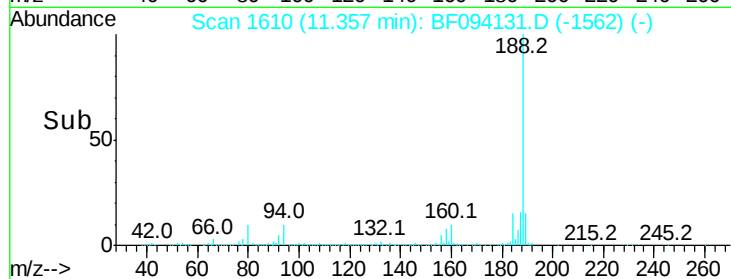
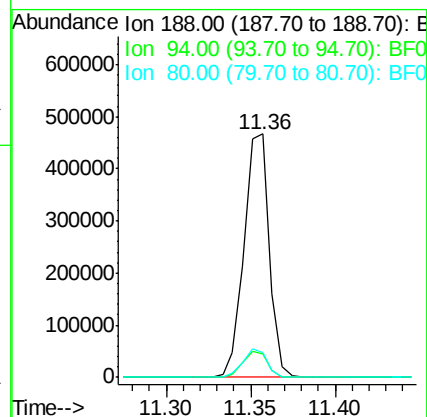
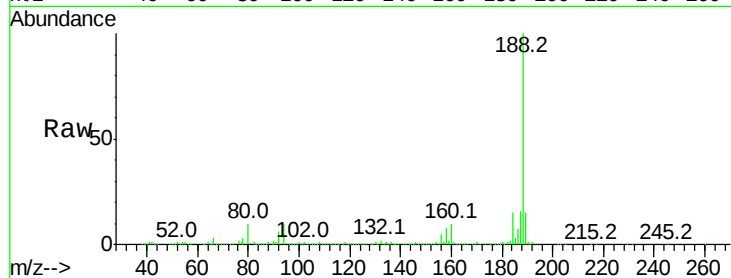
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Instrument :
BNA_F
ClientSampleId :
LSS-SP01-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.1	10.2	15.2#

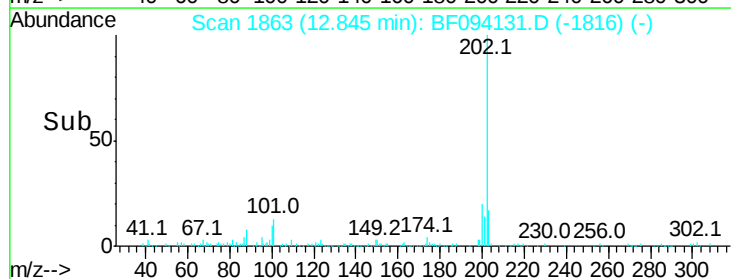
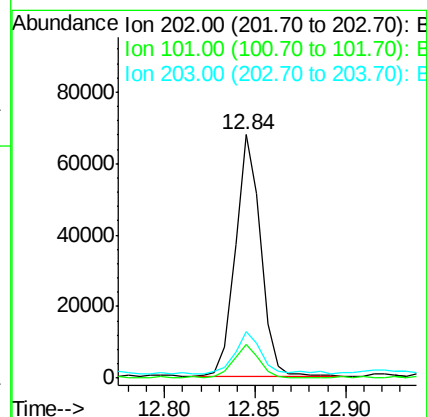
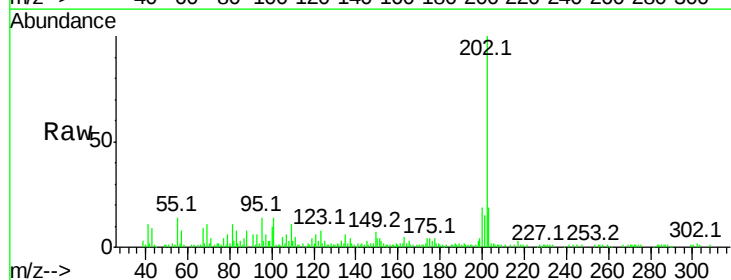
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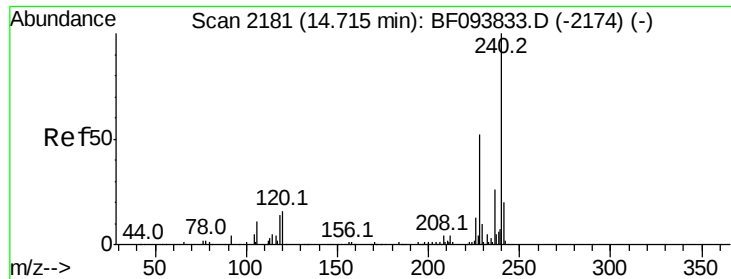
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#74
Fluoranthene
Concen: 2.35 ng
RT: 12.84 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.2
203	19.1	0.0	38.1





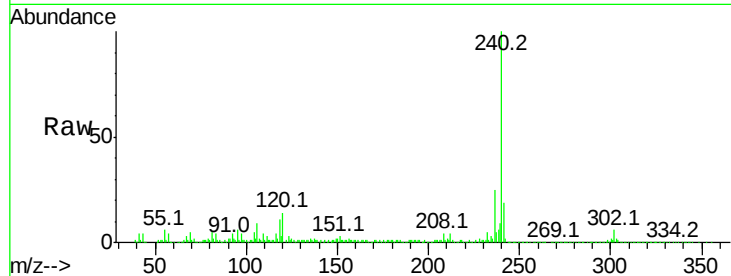
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Instrument :
BNA_F
ClientSampleId :
LSS-SP01-COMP

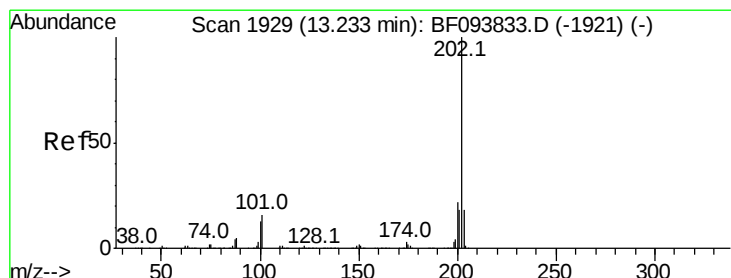
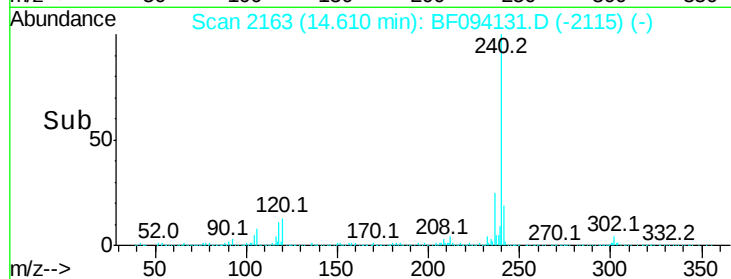
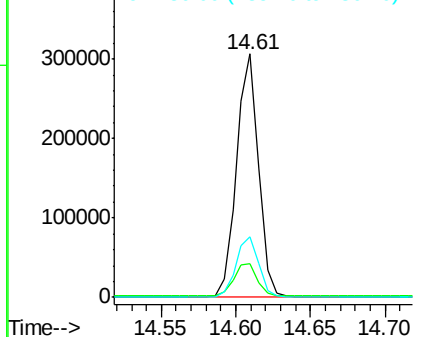
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.0	20.5	30.7

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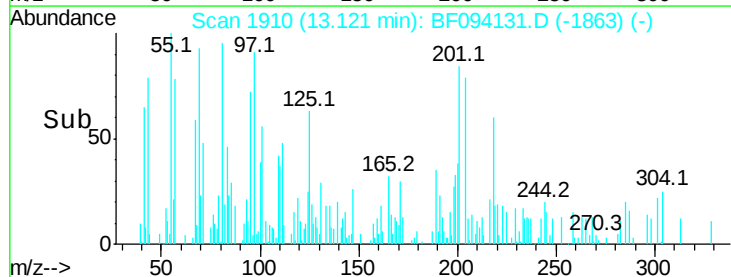
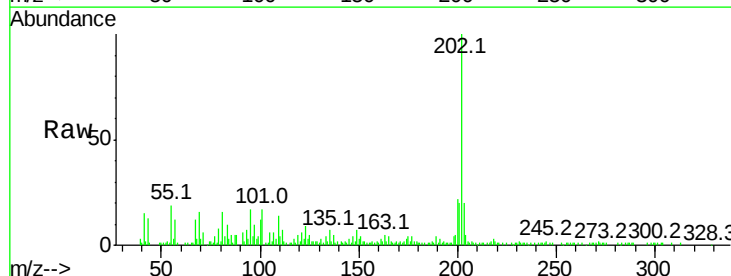
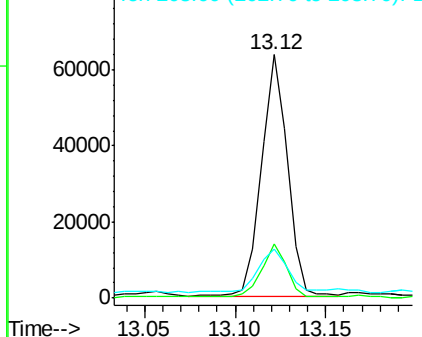
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Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

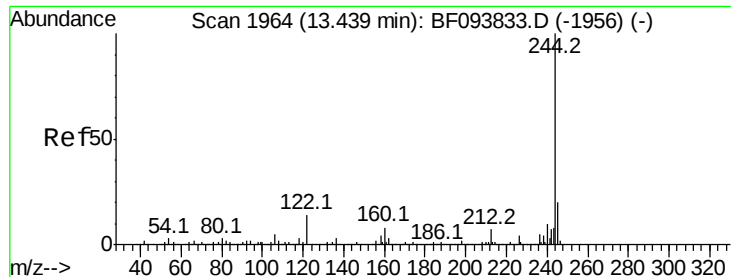


#77
Pyrene
Concen: 2.77 ng
RT: 13.12 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	20.1	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: 14.46 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094131.D

Acq: 3 Apr 2017 20:00

Instrument :

BNA_F

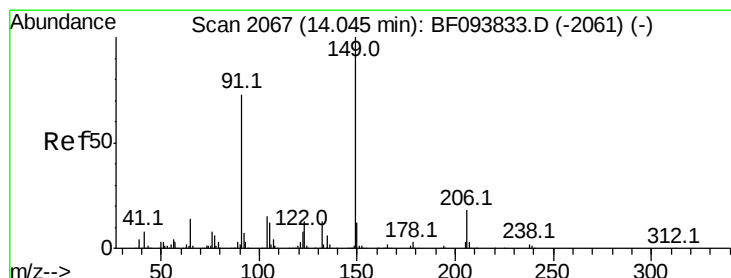
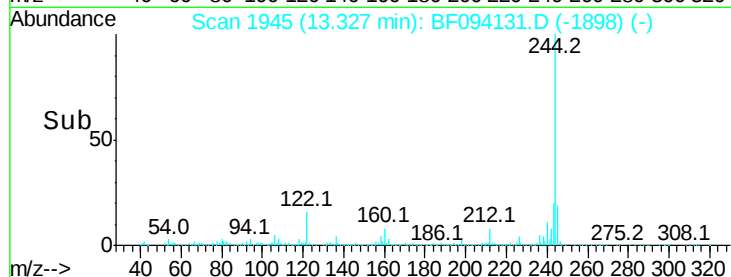
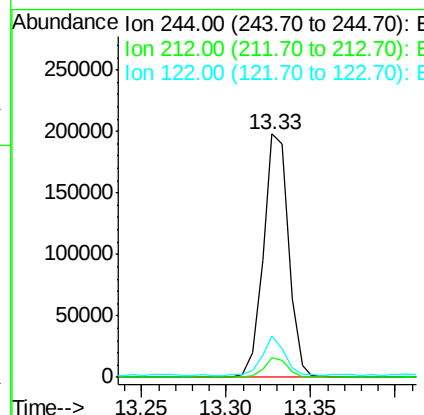
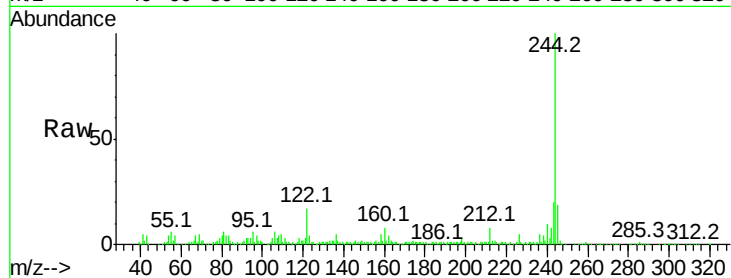
ClientSampleId :

LSS-SP01-COMP

Tot Ion:	244	Resp:	204524
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	16.8	10.3	15.5#

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 3.91 ng

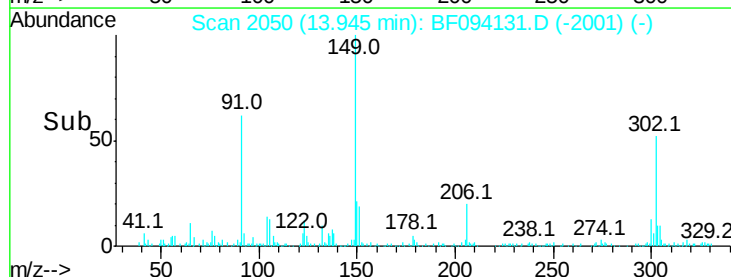
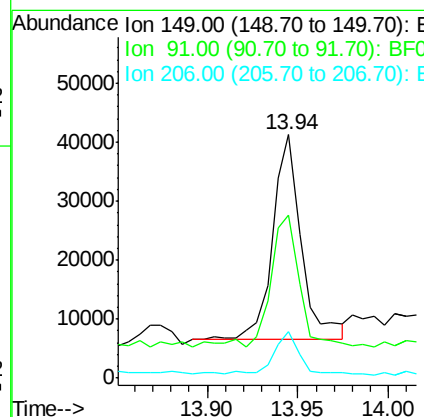
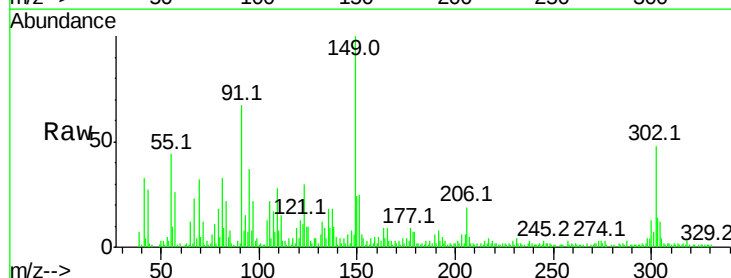
RT: 13.94 min Scan# 2050

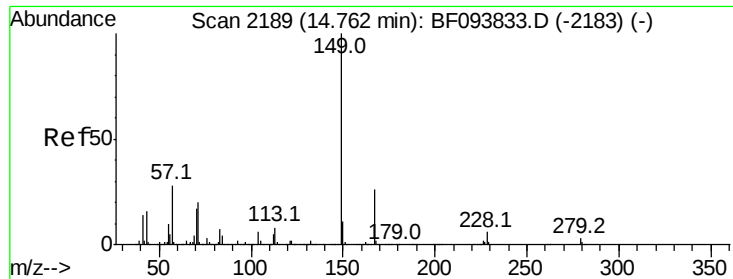
Delta R.T. -0.01 min

Lab File: BF094131.D

Acq: 3 Apr 2017 20:00

Tgt Ion:	149	Resp:	38324
Ion Ratio	Lower	Upper	
149	100		
91	66.7	45.0	67.4
206	19.1	17.0	25.6





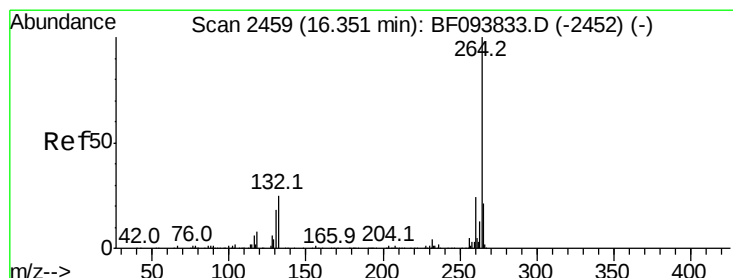
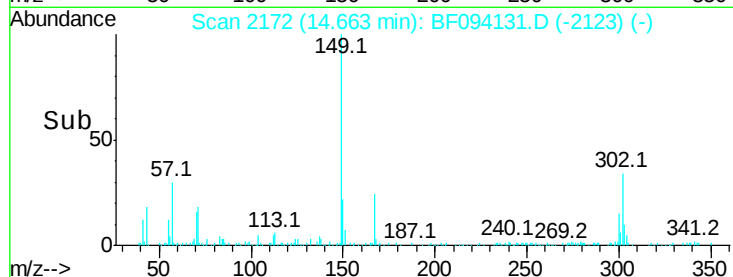
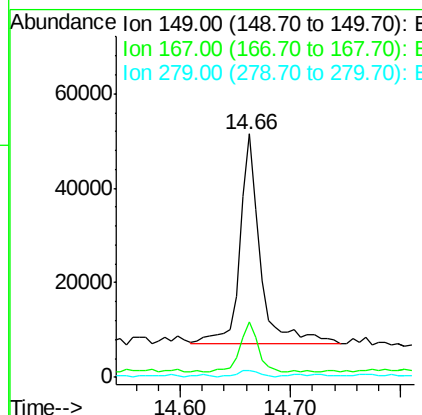
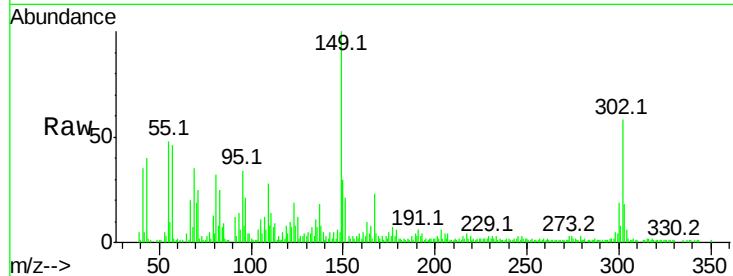
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.32 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP01-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.6	21.0	31.4
279	2.7	1.9	2.9

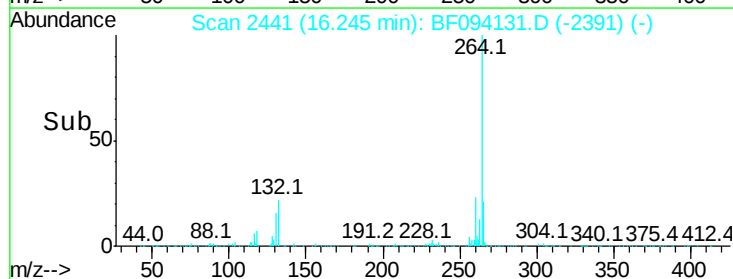
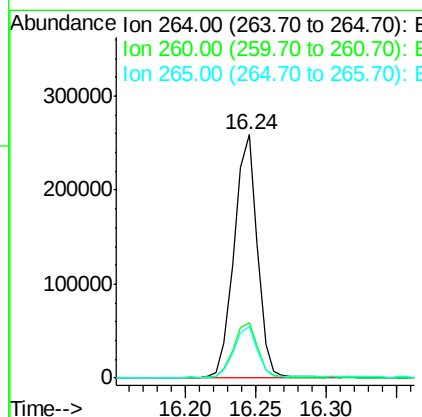
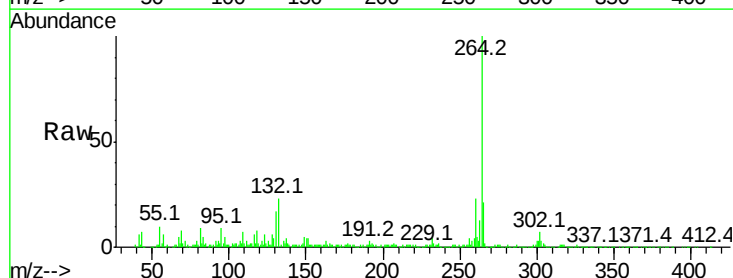
Manual Integrations
 APPROVED

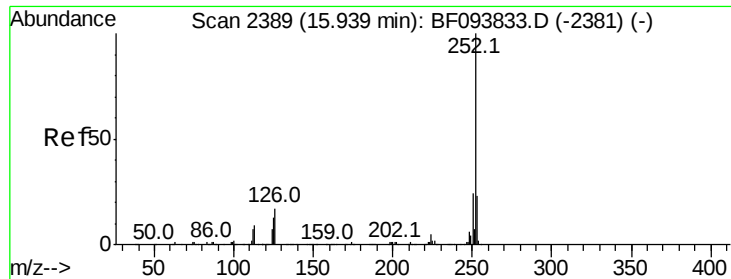
mohammad
 4/4/2017 5:34:15 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.4	17.2	25.8





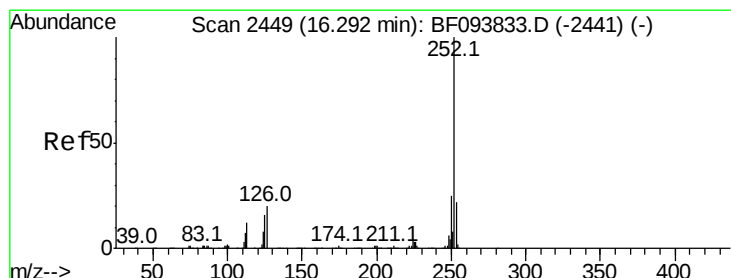
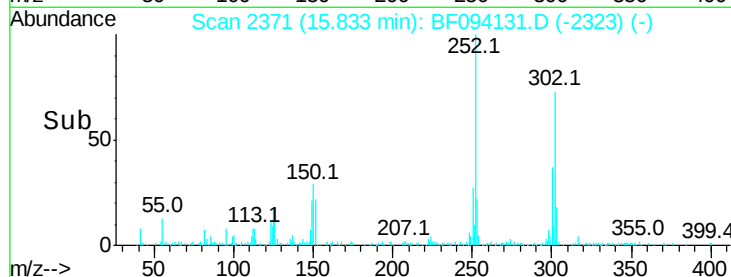
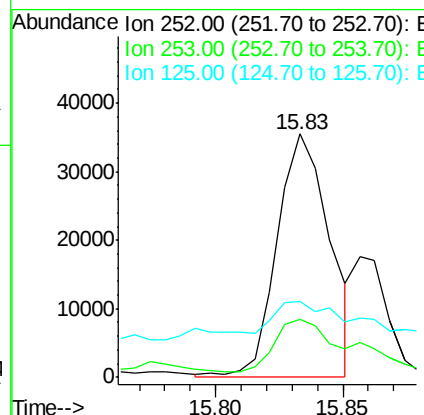
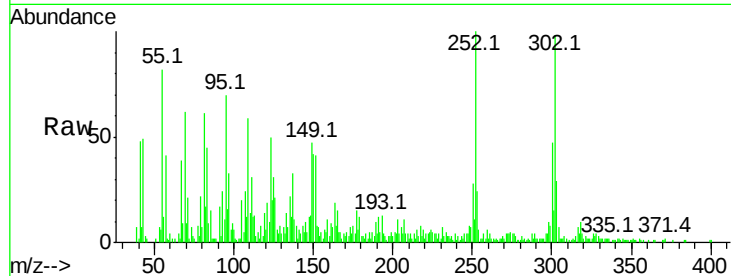
#87
Benzo(b)fluoranthene
Concen: 2.81 ng m
RT: 15.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Instrument :
BNA_F
ClientSampleId :
LSS-SP01-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	31.1	9.8	14.8

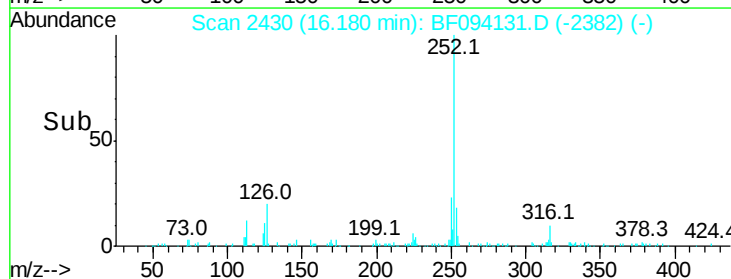
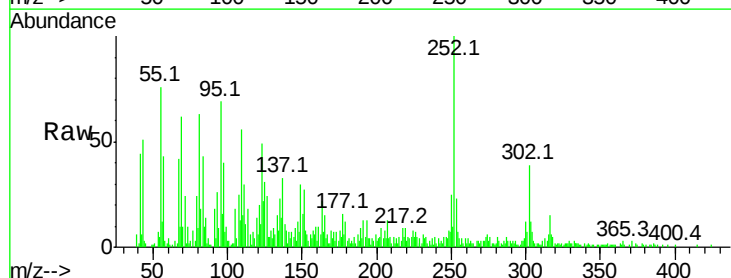
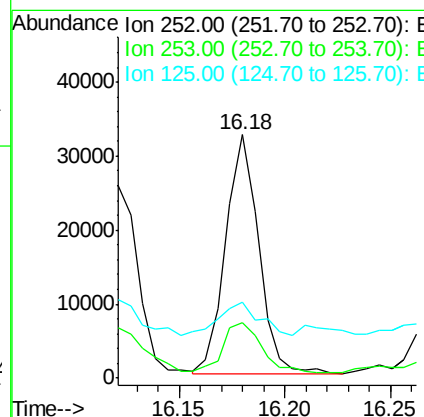
Manual Integrations
APPROVED

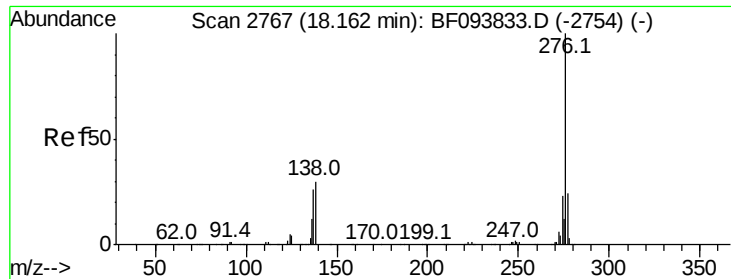
mohammad
4/4/2017 5:34:15 PM



#89
Benzo(a)pyrene
Concen: 2.11 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BF094131.D
Acq: 3 Apr 2017 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	30.9	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.38 ng
 RT: 17.97 min Scan# 2735
 Delta R.T. -0.04 min
 Lab File: BF094131.D
 Acq: 3 Apr 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP01-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	40.6	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:34:15 PM

