

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094142.D
 Acq On : 4 Apr 2017 1:03
 Operator : SJ/MA
 Sample : I2495-06 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP03-COMP

Manual Integrations
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mohammad
 4/4/2017 5:34:49 PM

Quant Time: Apr 04 03:13:42 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	170527	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	647273	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	262217	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	390715	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	313870	20.00	ng	-0.01
86) Perylene-d12	16.25	264	230469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	211895	20.99	ng	-0.02
7) Phenol-d6	5.49	99	258792	20.72	ng	-0.02
23) Nitrobenzene-d5	6.53	82	114767	10.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	32925	15.89	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	293194	17.05	ng	-0.02
78) Terphenyl-d14	13.33	244	167888	11.99	ng	-0.02
Target Compounds						Qvalue
74) Fluoranthene	12.85	202	67235	3.02	ng	99
77) Pyrene	13.13	202	65670m	2.88	ng	
79) Butylbenzylphthalate	13.94	149	55445	5.71	ng	# 76
82) Chrysene	14.64	228	34533m	2.03	ng	
83) Bis(2-ethylhexyl)phthalate	14.67	149	64431	4.87	ng	# 98
87) Benzo(b)fluoranthene	15.84	252	48182m	3.41	ng	
89) Benzo(a)pyrene	16.19	252	28280	2.17	ng	# 64
91) Benzo(g,h,i)perylene	17.99	276	27849	2.51	ng	94

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

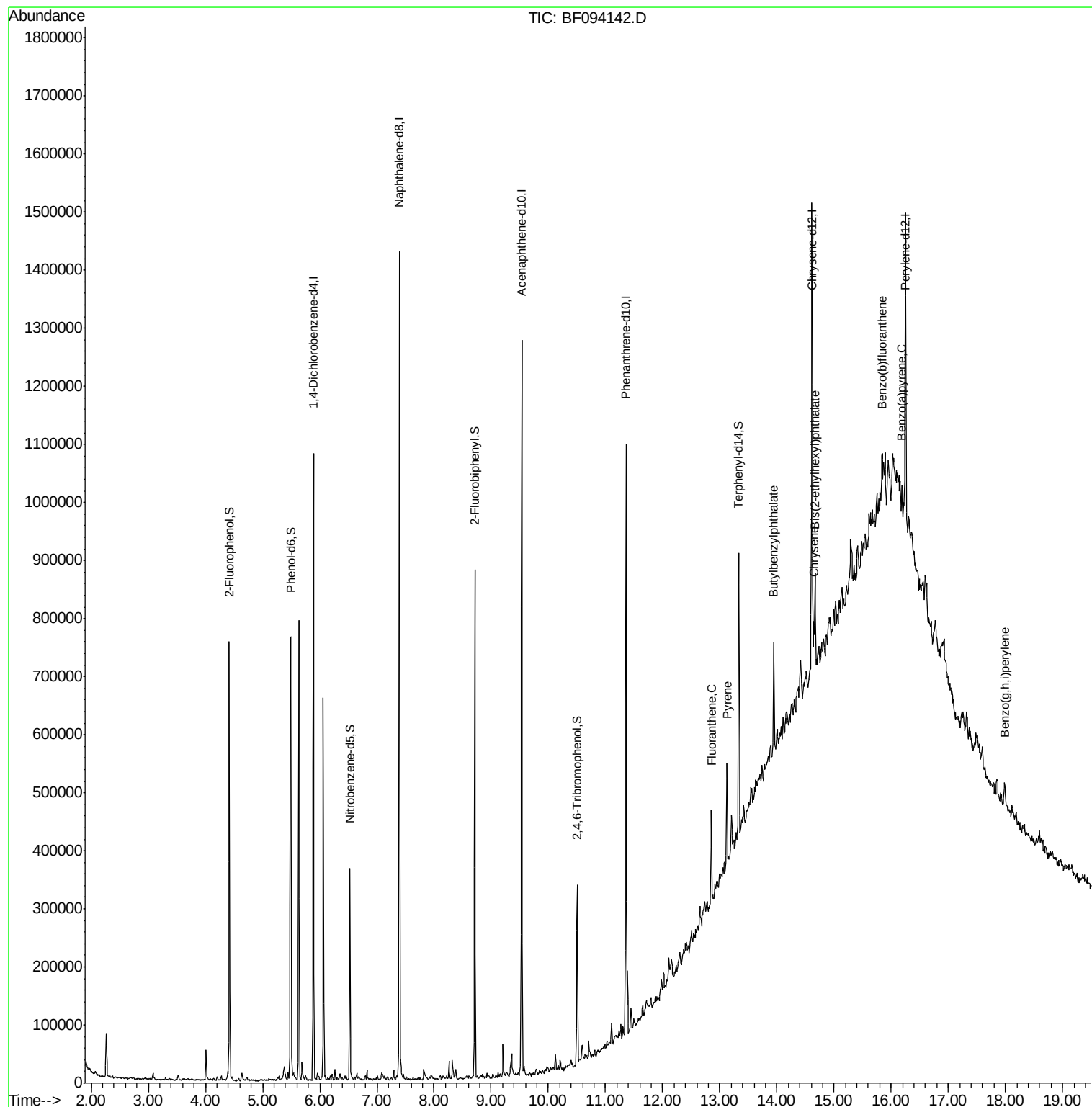
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094142.D
Acq On : 4 Apr 2017 1:03
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Misc :
ALS Vial : 26 Sample Multiplier: 1

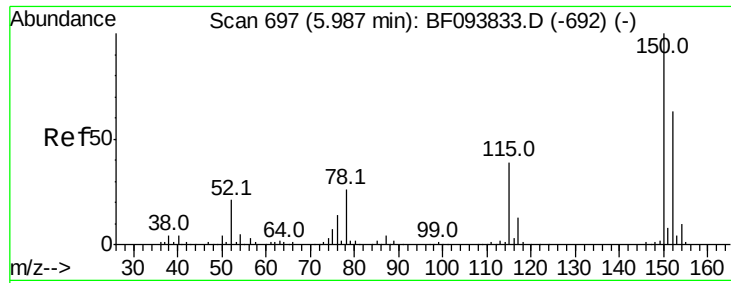
Instrument :
BNA_F
ClientSampleId :
LSS-SP03-COMP

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4/4/2017 5:34:49 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

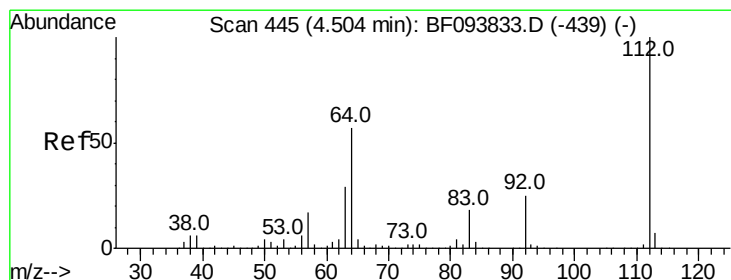
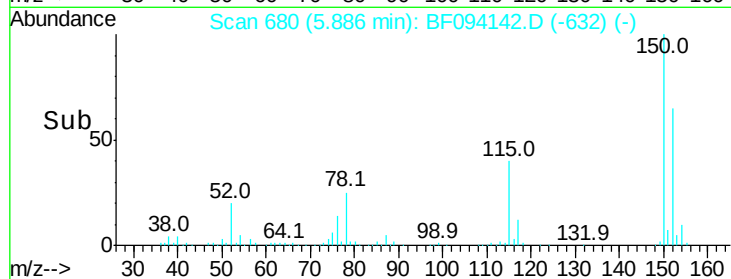
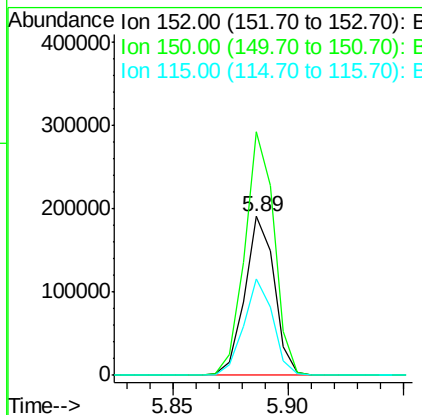
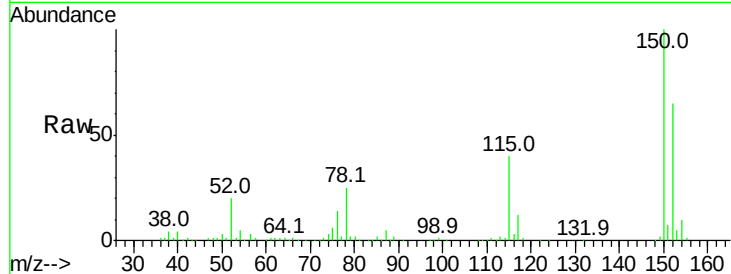
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Instrument :
BNA_F
ClientSampleId :
LSS-SP03-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	60.7	52.2	78.2

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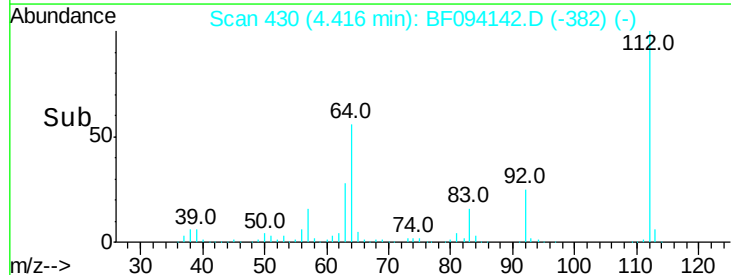
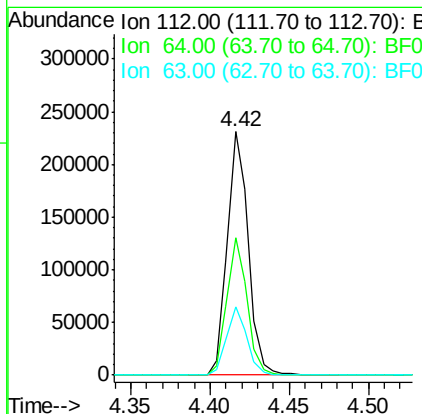
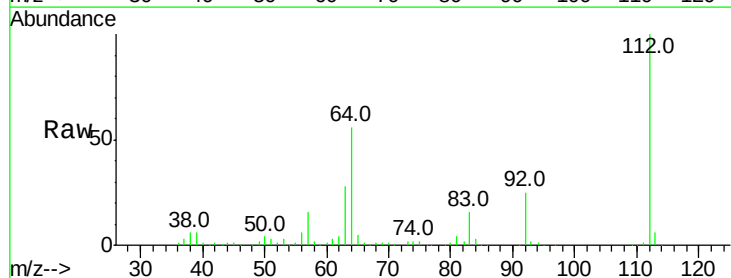
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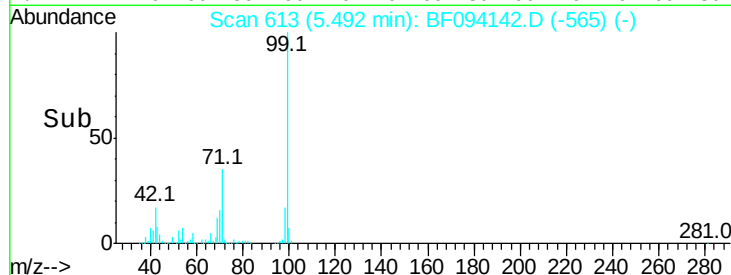
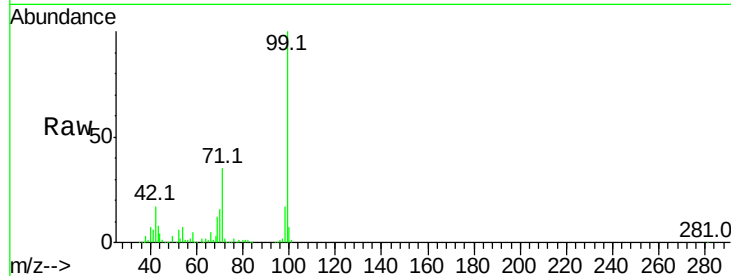
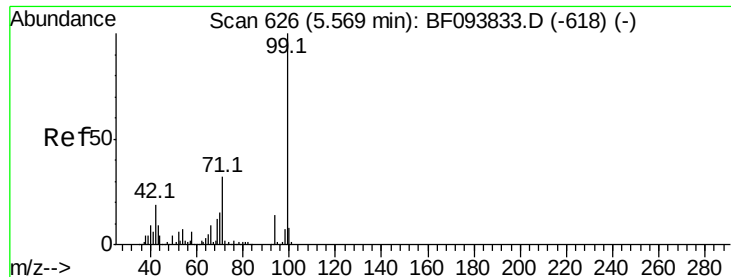


#5

2-Fluorophenol
Concen: 20.99 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 20.72 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094142.D

Acq: 4 Apr 2017 1:03

Tot Ion:	99	Resp:	258792
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	35.2	24.5	36.7

Instrument :

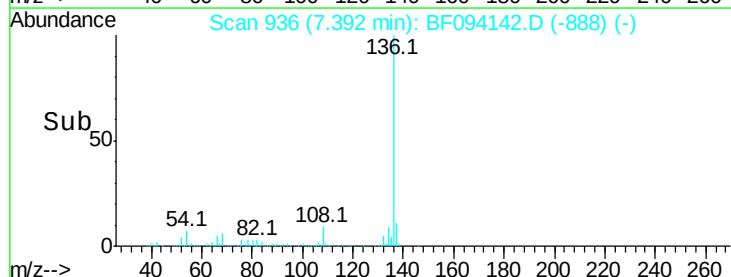
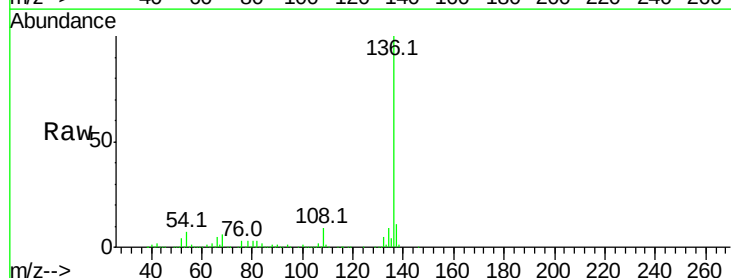
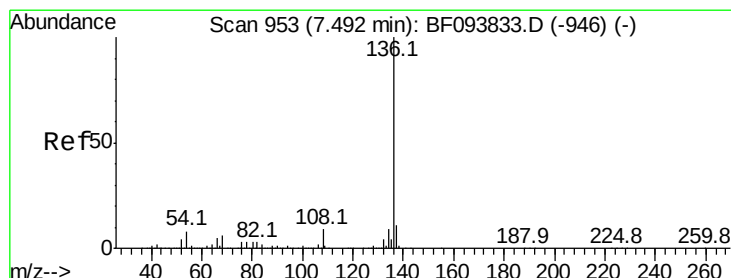
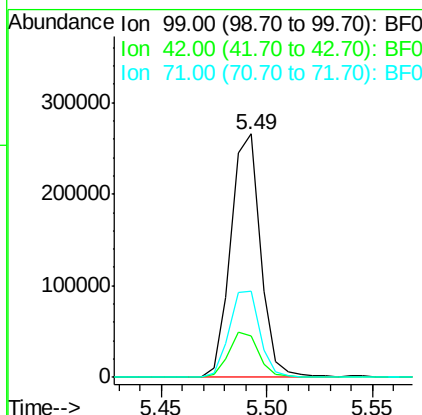
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

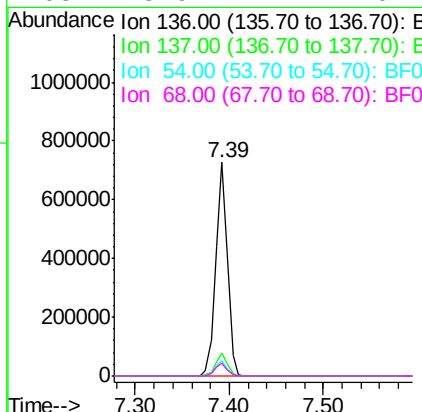
RT: 7.39 min Scan# 936

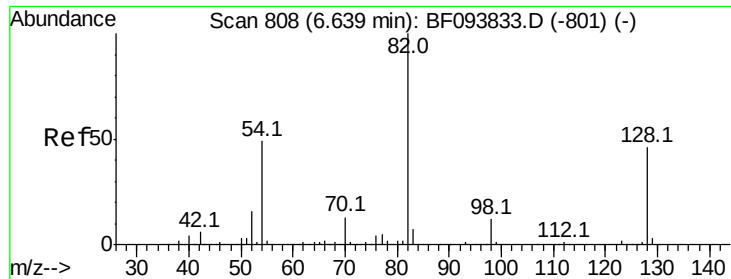
Delta R.T. -0.02 min

Lab File: BF094142.D

Acq: 4 Apr 2017 1:03

Tgt Ion:	136	Resp:	647273
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	7.4	4.9	7.3#
68	5.9	4.1	6.1





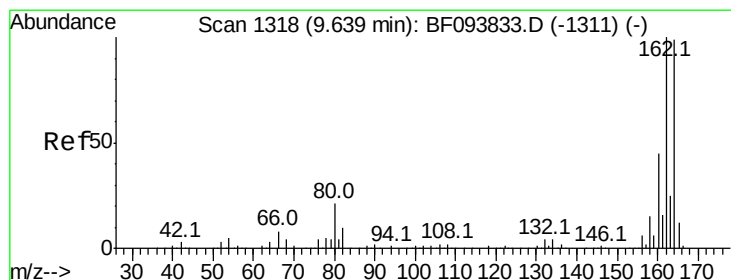
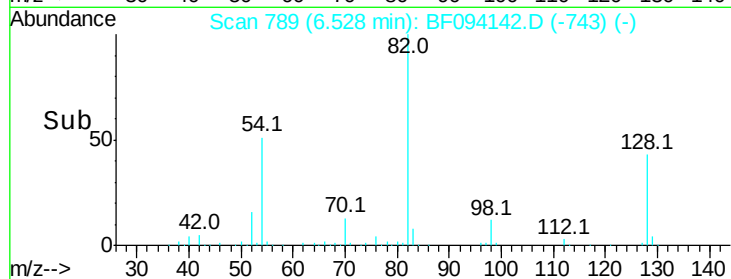
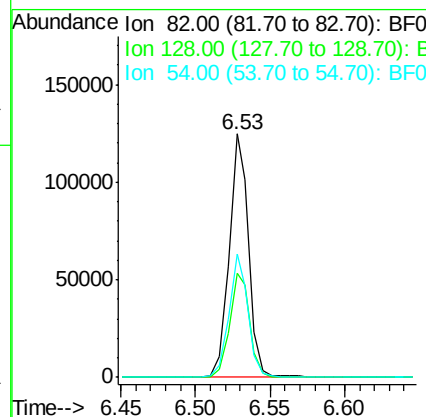
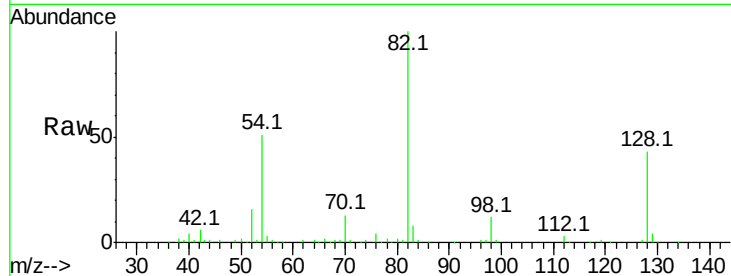
#23
 Nitrobenzene-d5
 Concen: 10.12 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094142.D
 Acq: 4 Apr 2017 1:03

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP03-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.0	51.0	
54	50.8	42.2	63.2	

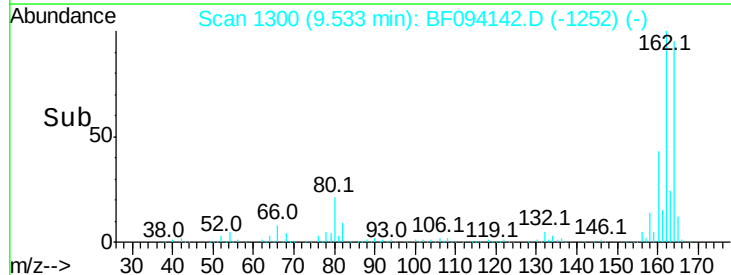
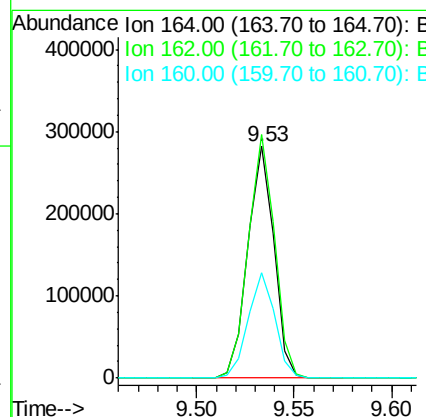
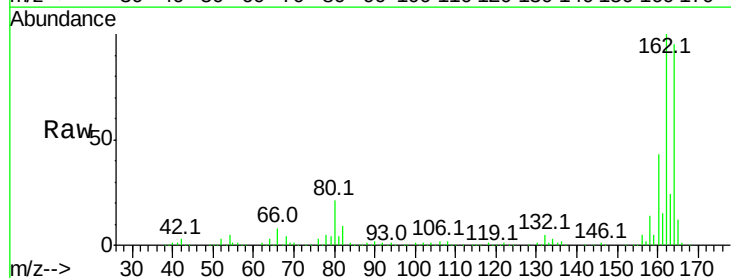
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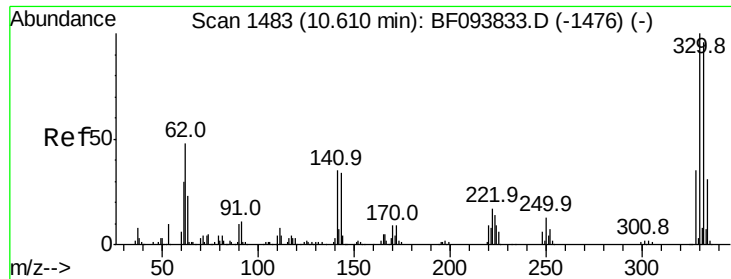
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094142.D
 Acq: 4 Apr 2017 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.1	82.6	123.8	
160	45.6	36.2	54.2	





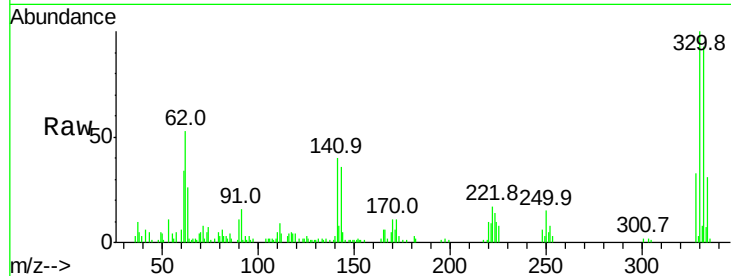
#41
 2,4,6-Tribromophenol
 Concen: 15.89 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094142.D
 Acq: 4 Apr 2017 1:03

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP03-COMP

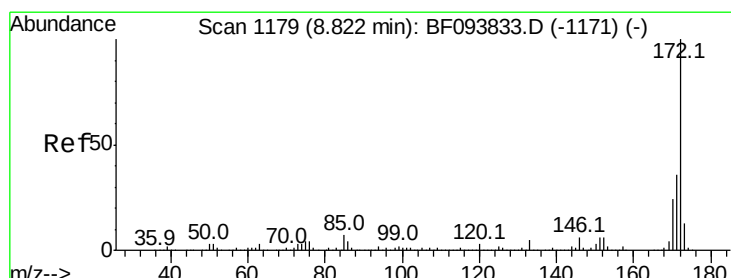
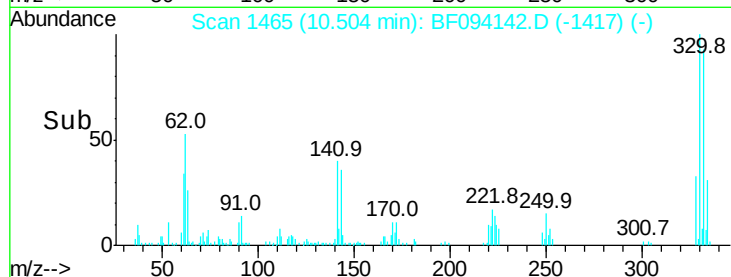
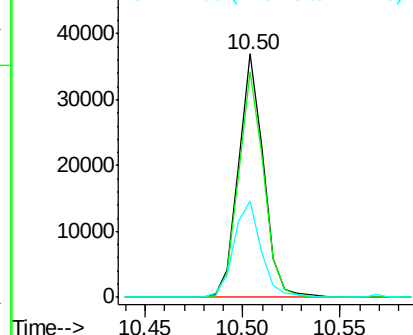
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.5	76.6	115.0	
141	43.2	31.4	47.2	

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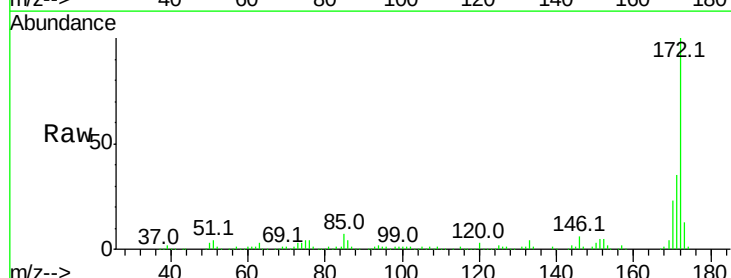


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

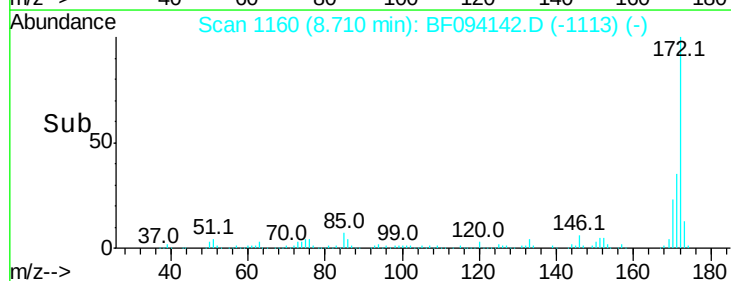
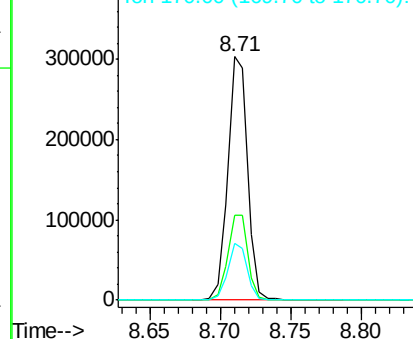


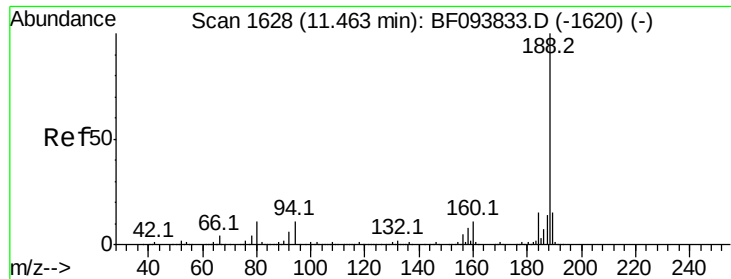
#44
 2-Fluorobiphenyl
 Concen: 17.05 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094142.D
 Acq: 4 Apr 2017 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.6	44.4	
170	23.5	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





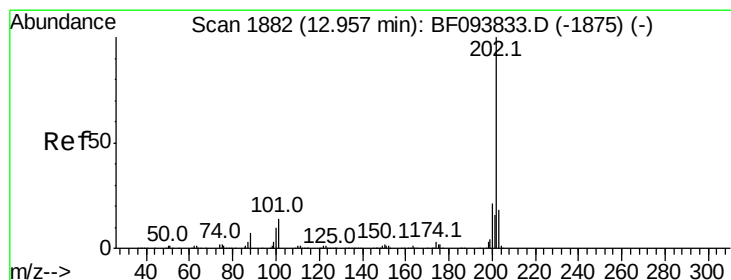
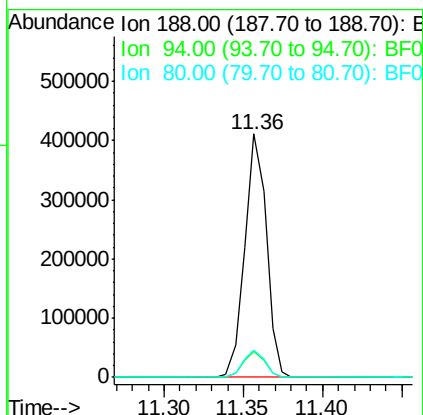
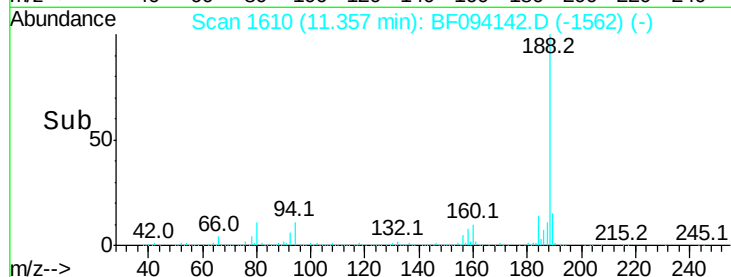
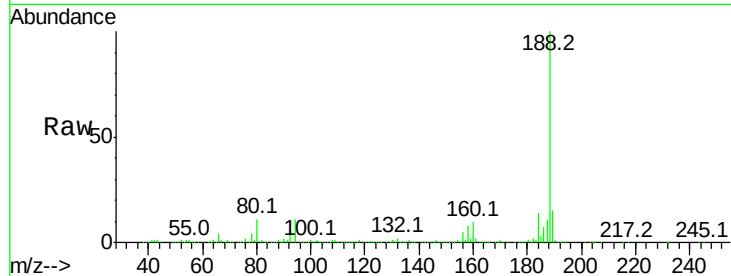
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Instrument :
BNA_F
ClientSampleId :
LSS-SP03-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	390715		
94	10.9		9.4	14.2
80	11.4		10.2	15.2

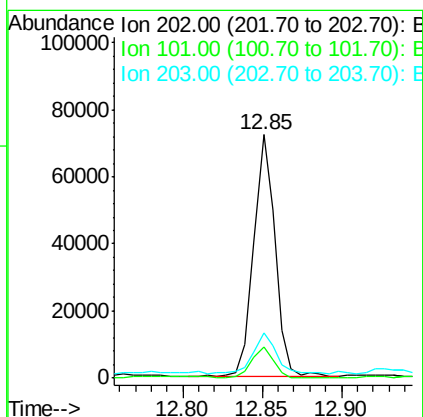
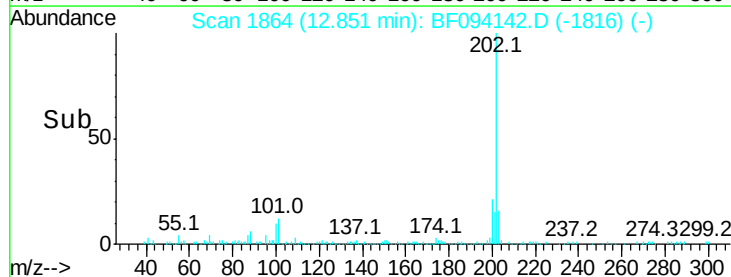
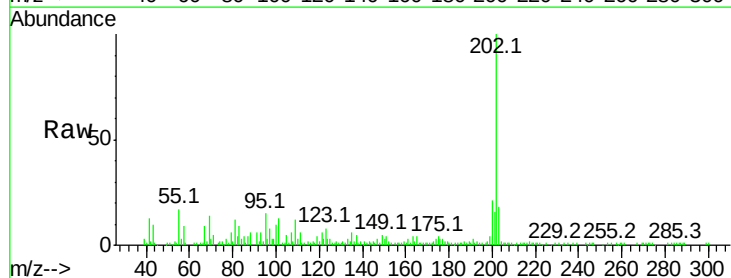
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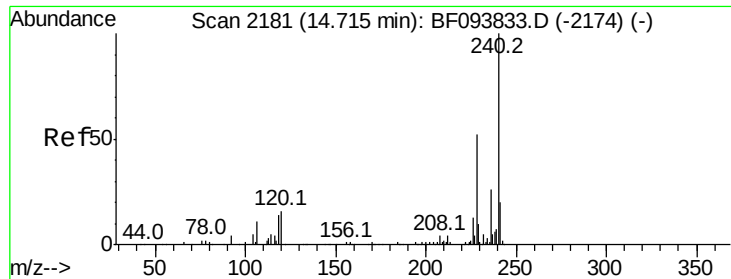
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#74
Fluoranthene
Concen: 3.02 ng
RT: 12.85 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	67235		
101	12.9		0.0	33.2
203	18.4		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: BF094142.D

Acq: 4 Apr 2017 1:03

Instrument :

BNA_F

ClientSampleId :

LSS-SP03-COMP

Tot Ion:240 Resp: 313870
Ion Ratio Lower Upper

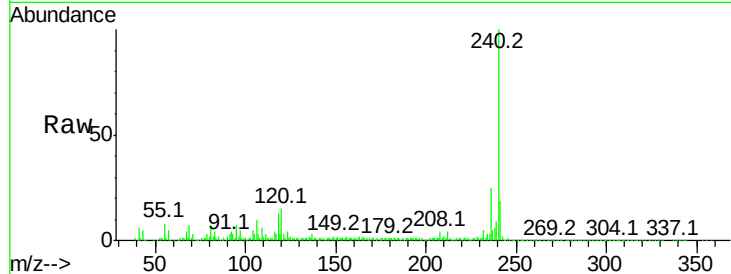
240 100

120 14.9 5.8 8.8#

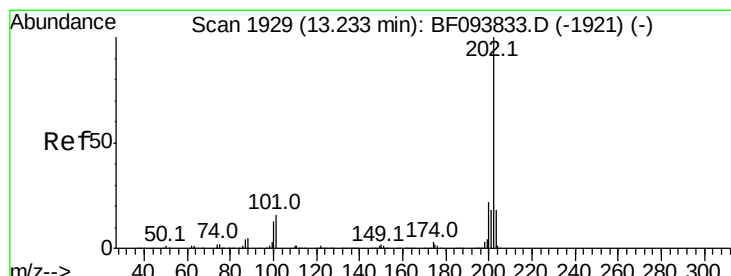
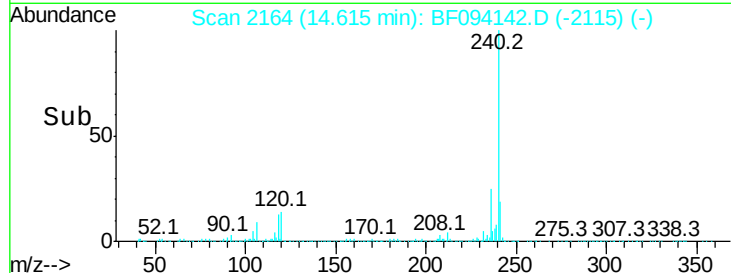
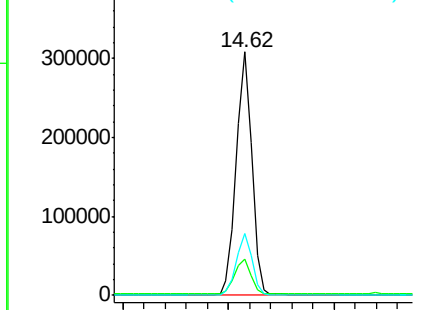
236 25.3 20.5 30.7

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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: 2.88 ng m

RT: 13.13 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094142.D

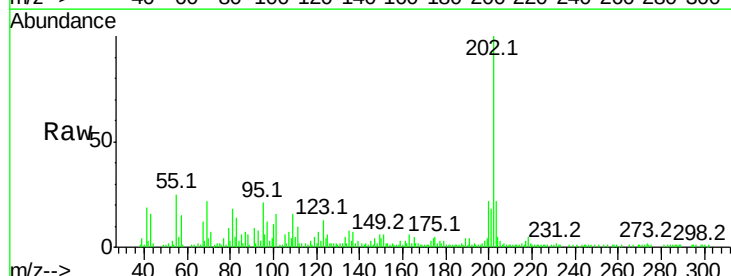
Acq: 4 Apr 2017 1:03

Tgt Ion:202 Resp: 65670
Ion Ratio Lower Upper

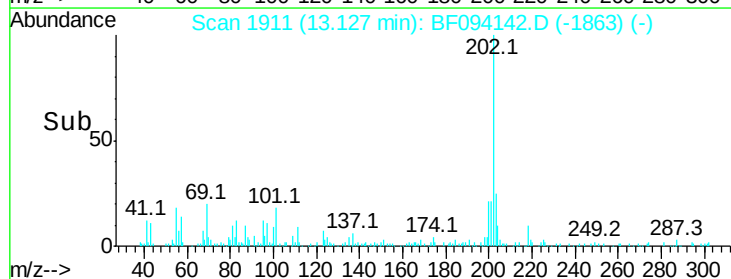
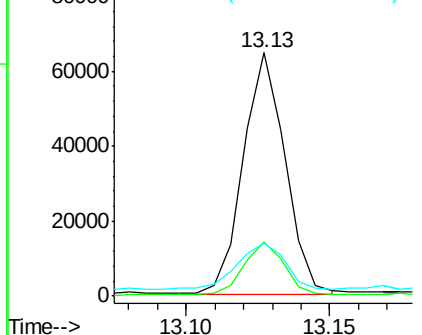
202 100

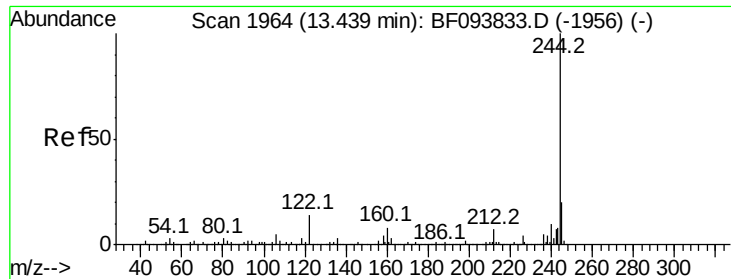
200 22.3 17.6 26.4

203 21.7 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: 11.99 ng

RT: 13.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF094142.D

Acq: 4 Apr 2017 1:03

Instrument :

BNA_F

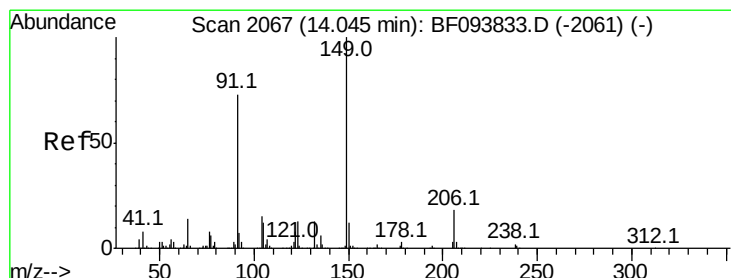
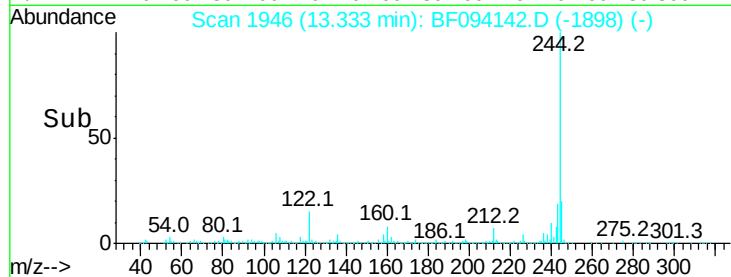
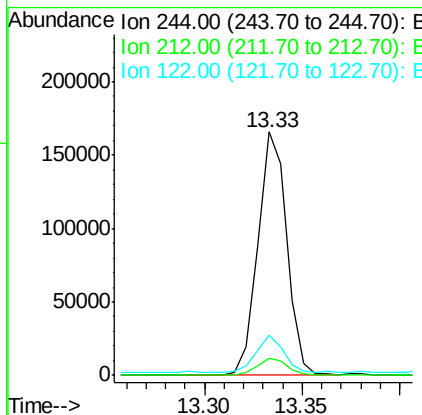
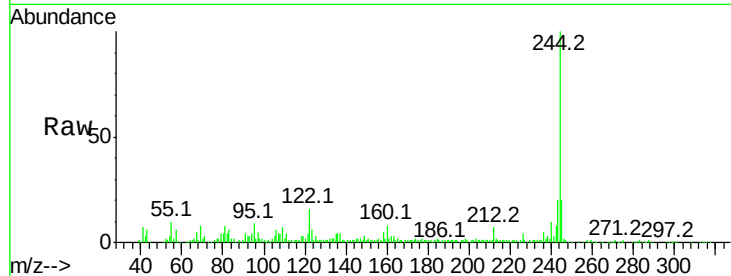
ClientSampleId :

LSS-SP03-COMP

Tot Ion:	244	Resp:	167888
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	16.2	10.3	15.5#

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#79

Butylbenzylphthalate

Concen: 5.71 ng

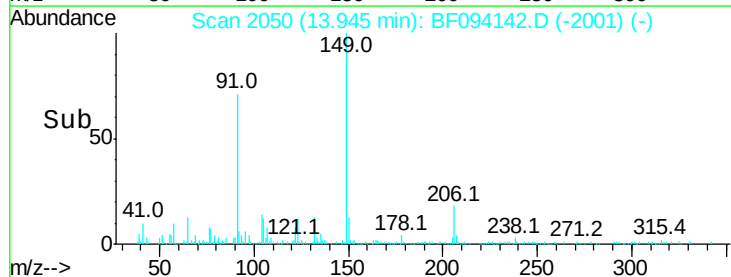
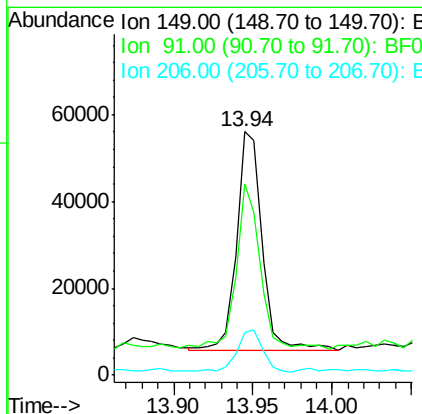
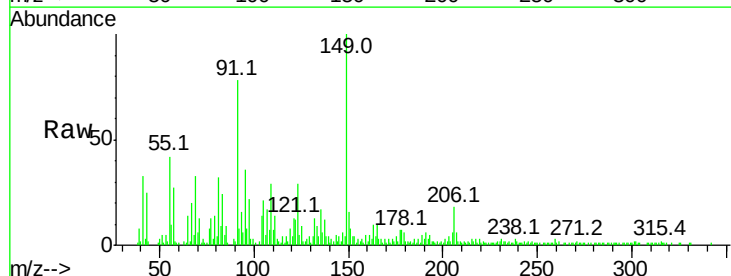
RT: 13.94 min Scan# 2050

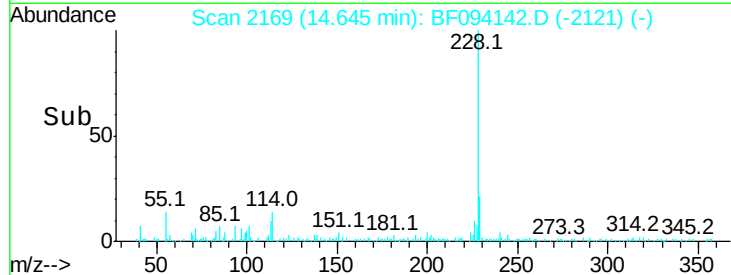
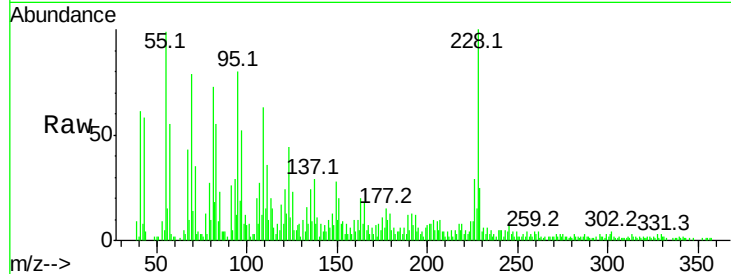
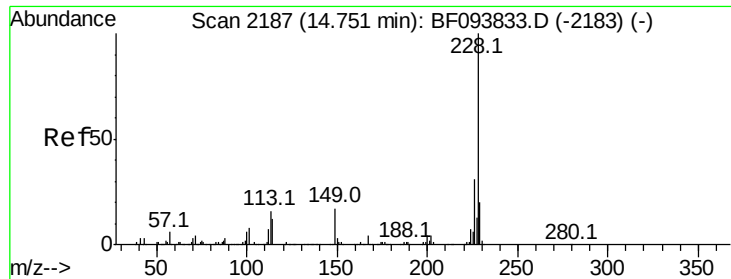
Delta R.T. -0.01 min

Lab File: BF094142.D

Acq: 4 Apr 2017 1:03

Tgt Ion:	149	Resp:	55445
Ion Ratio	Lower	Upper	
149	100		
91	78.4	45.0	67.4#
206	17.7	17.0	25.6





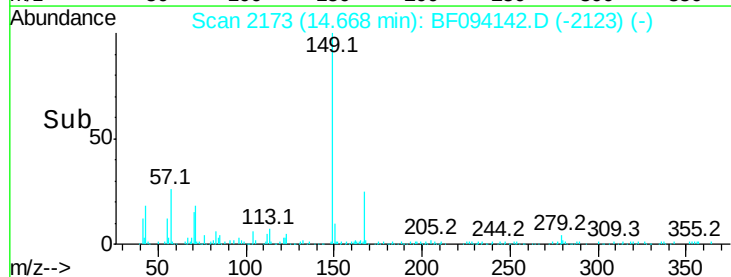
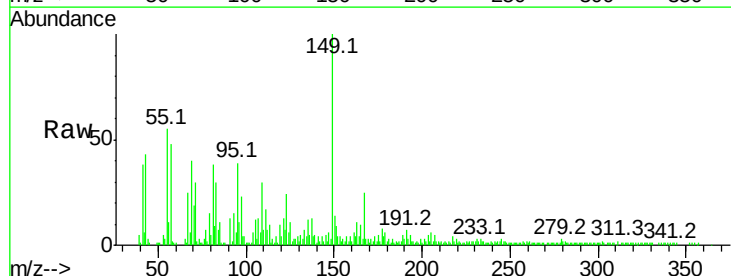
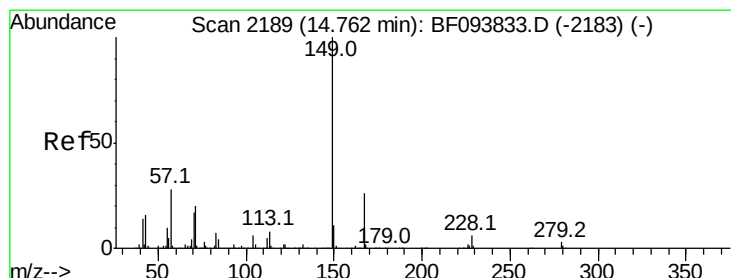
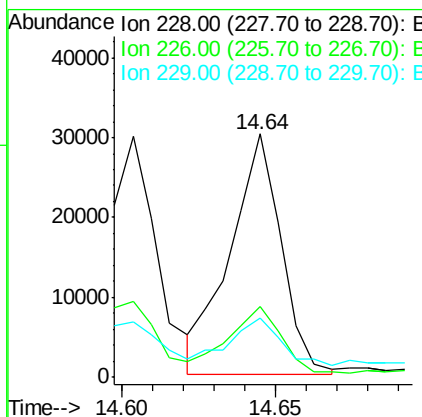
#82
Chrysene
Concen: 2.03 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Instrument :
BNA_F
ClientSampleId :
LSS-SP03-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	24.6	15.8	23.6

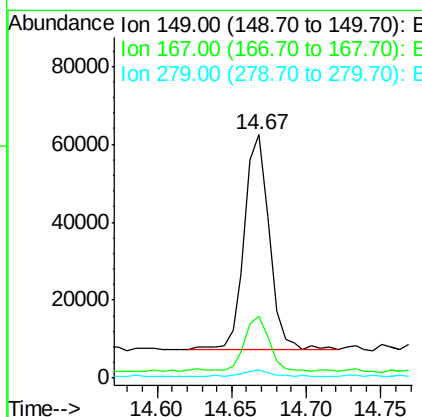
Manual Integrations
APPROVED

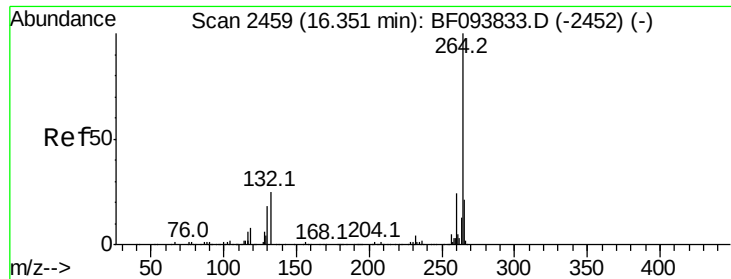
mohammad
4/4/2017 5:34:49 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 4.87 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	3.3	1.9	2.9





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BF094142.D

Acq: 4 Apr 2017 1:03

Instrument :

BNA_F

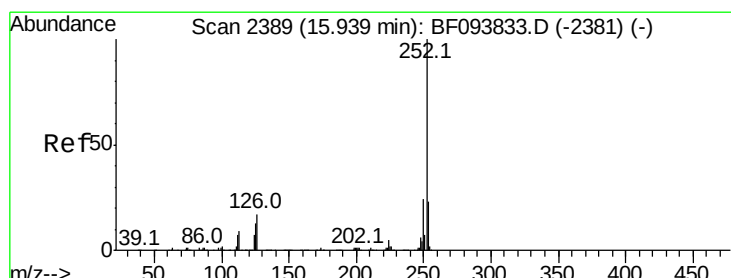
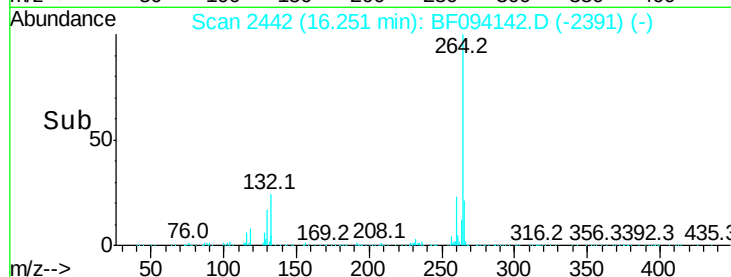
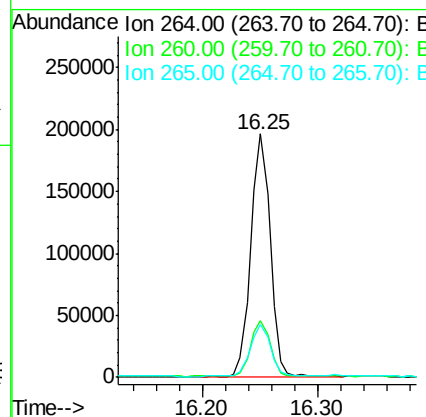
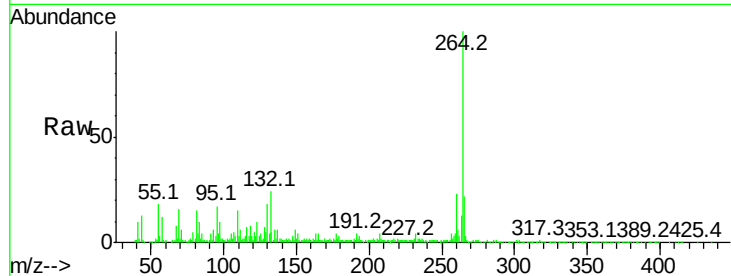
ClientSampleId :

LSS-SP03-COMP

Tot Ion:	264	Resp:	230469
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	21.6	17.2	25.8

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 3.41 ng m

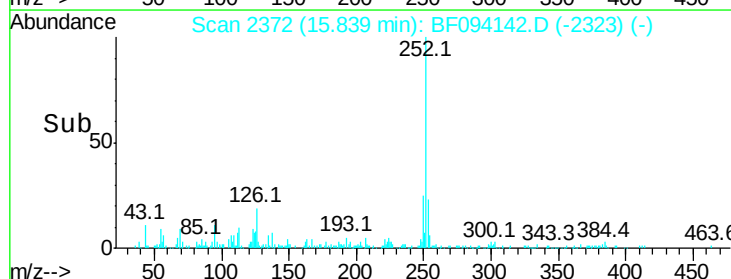
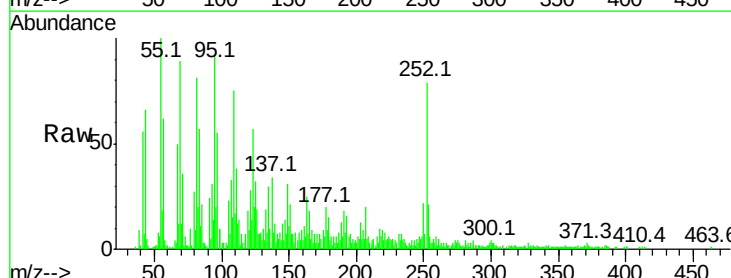
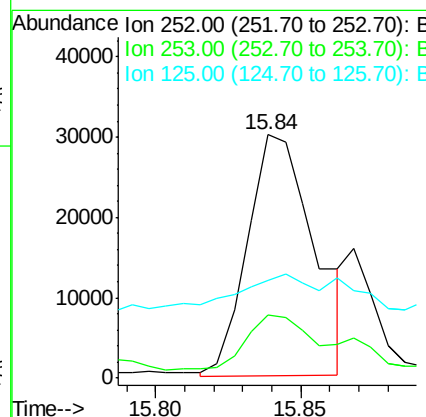
RT: 15.84 min Scan# 2372

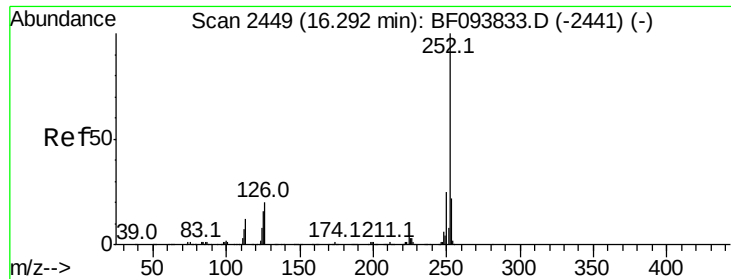
Delta R.T. -0.01 min

Lab File: BF094142.D

Acq: 4 Apr 2017 1:03

Tgt Ion:	252	Resp:	48182
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.1	27.1
125	40.0	9.8	14.8#





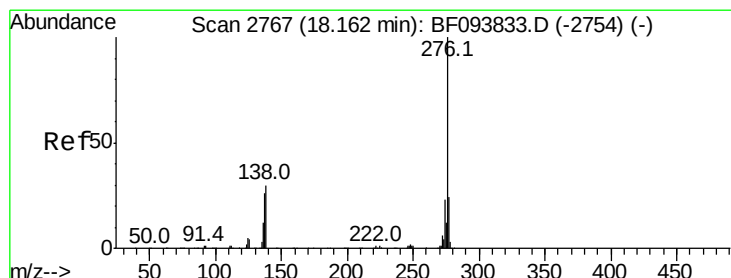
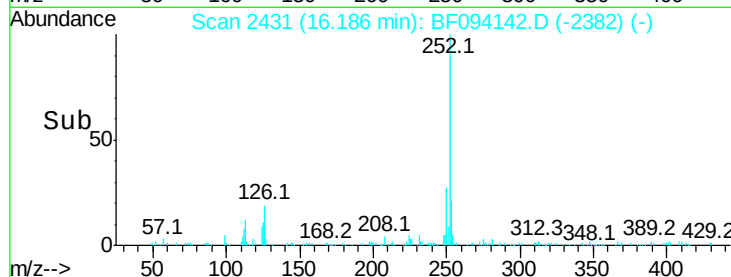
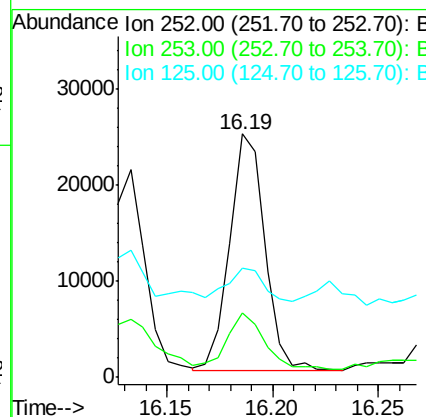
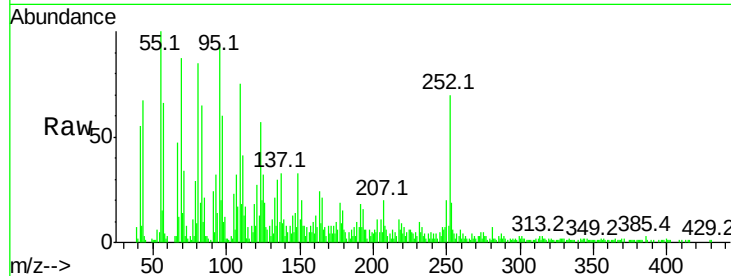
#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Instrument :
BNA_F
ClientSampleId :
LSS-SP03-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.5	26.3#
125	44.8	11.0	16.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.51 ng
RT: 17.99 min Scan# 2737
Delta R.T. -0.02 min
Lab File: BF094142.D
Acq: 4 Apr 2017 1:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	36.5	25.4	38.0

