

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094607.D
 Acq On : 25 Apr 2017 16:14
 Operator : SJ/MA
 Sample : I2821-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB426B

Manual Integrations
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Quant Time: Apr 26 07:28:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	124696	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	477455	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	197600	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	291540	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	242483	20.00	ng	-0.01
86) Perylene-d12	16.09	264	201218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1057340	140.68	ng	0.00
7) Phenol-d6	5.38	99	1308115	147.63	ng	0.00
23) Nitrobenzene-d5	6.41	82	797858	103.19	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	211928	137.12	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1250599	93.12	ng	-0.01
78) Terphenyl-d14	13.18	244	791397	87.24	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.27	128	130625	5.69	ng	99
49) Dimethylphthalate	9.07	163	168855	11.47	ng	99
74) Fluoranthene	12.70	202	47633	2.80	ng	99
77) Pyrene	12.97	202	65412	3.86	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	24987	2.04	ng	94
91) Benzo(g,h,i)perylene	17.75	276	28034	2.90	ng	# 87

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

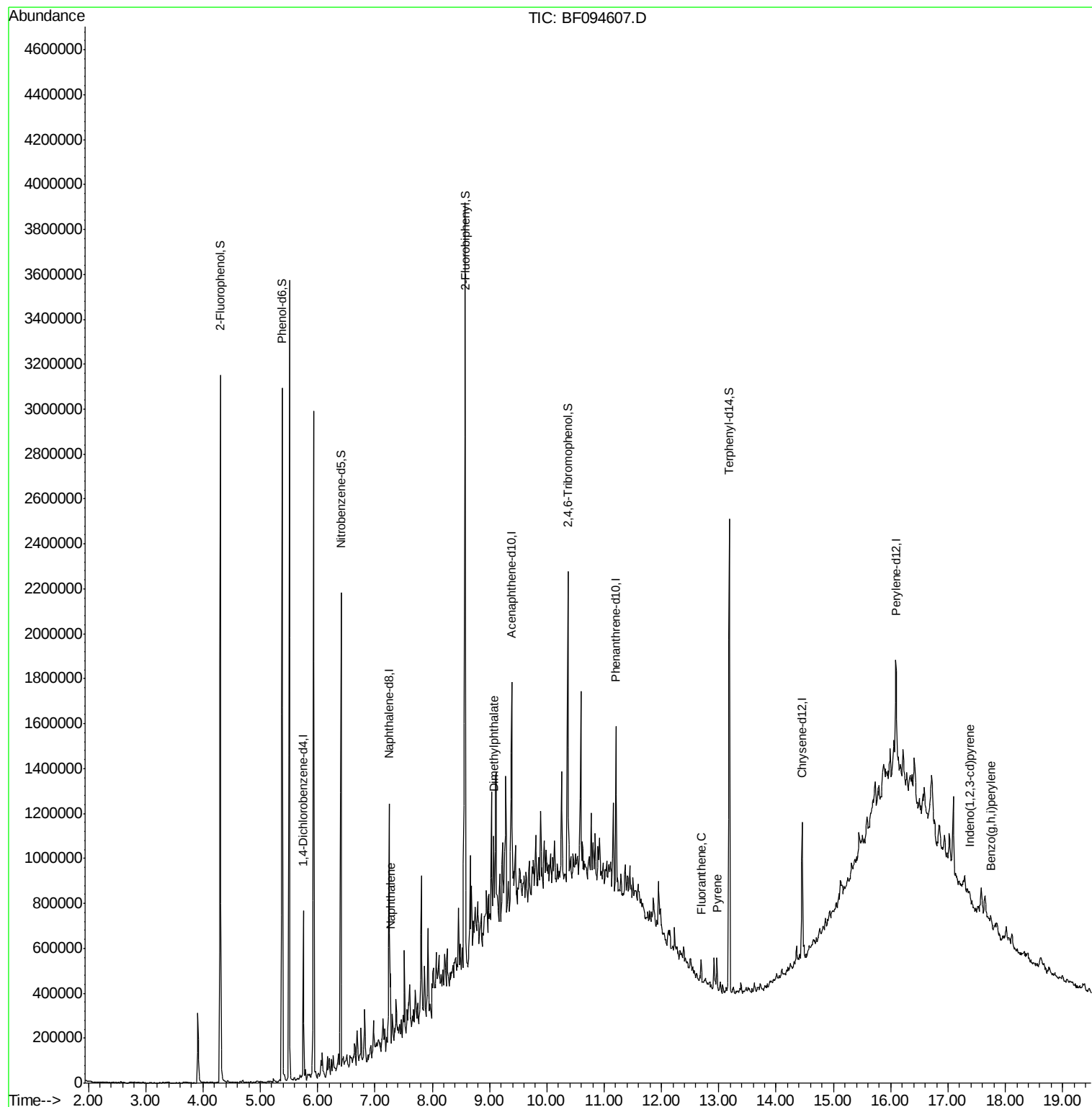
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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ALS Vial : 12 Sample Multiplier: 1

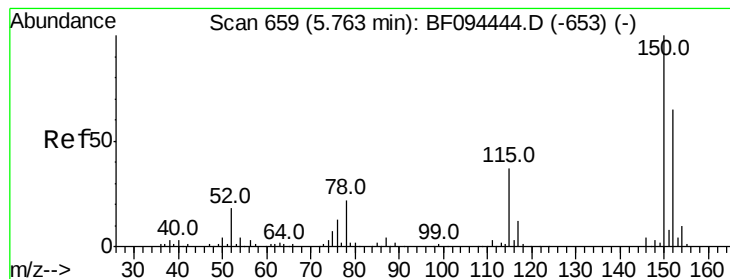
Instrument :
BNA_F
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HY-SB426B

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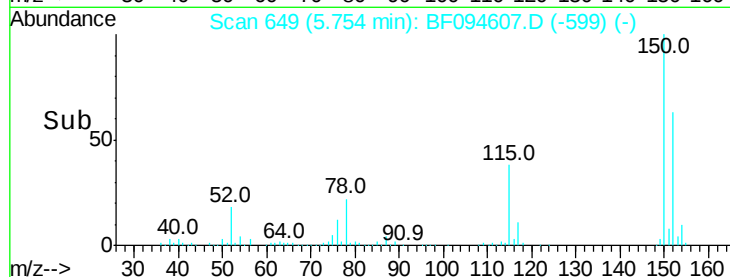
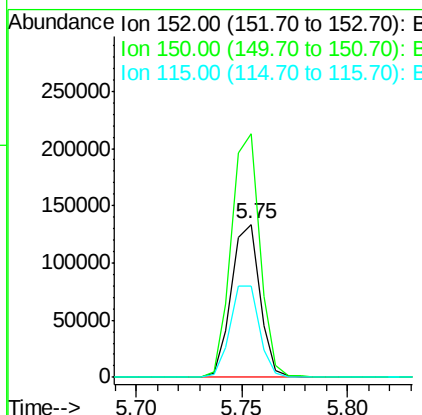
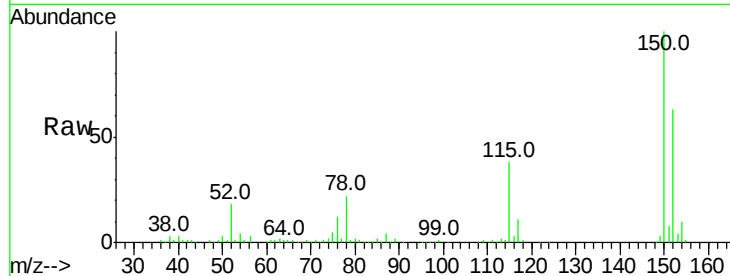
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF094607.D
 Acq: 25 Apr 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB426B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	59.8	52.2	78.2

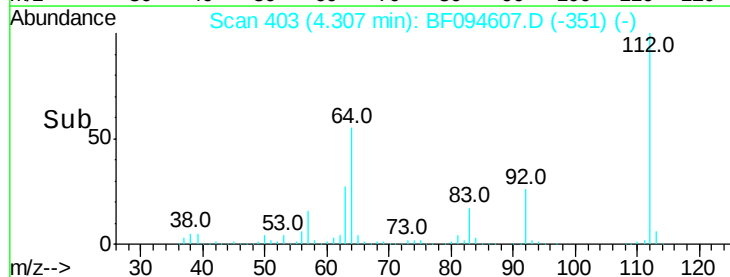
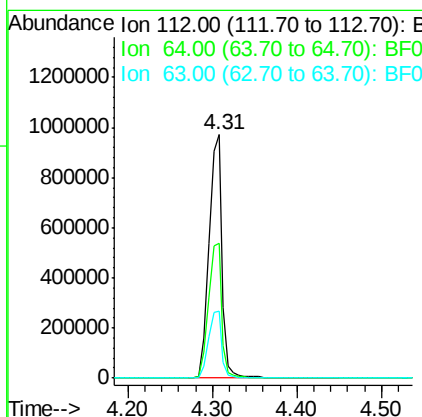
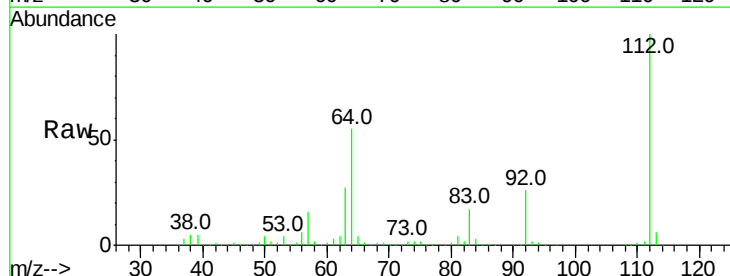
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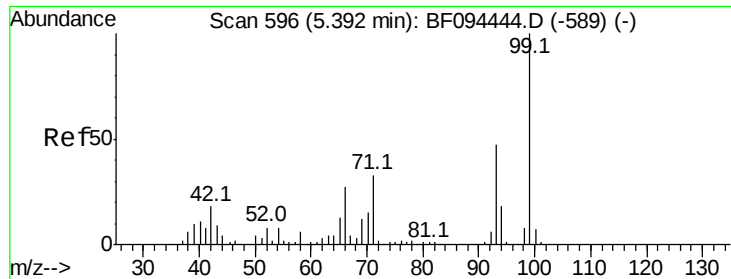
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#5
 2-Fluorophenol
 Concen: 140.68 ng
 RT: 4.31 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BF094607.D
 Acq: 25 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	27.4	23.4	35.0





#7

Phenol-d6

Concen: 147.63 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

HY-SB426B

Tot Ion: 99 Resp: 1308115

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

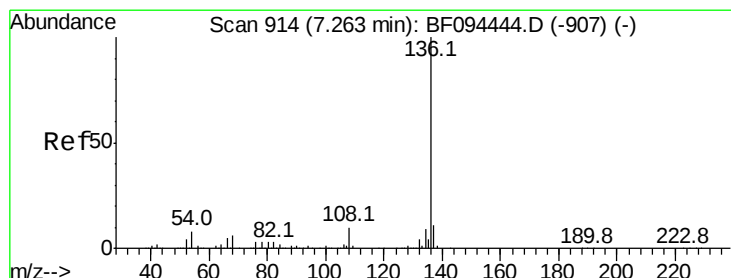
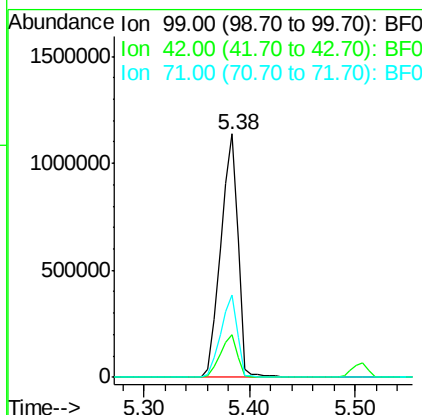
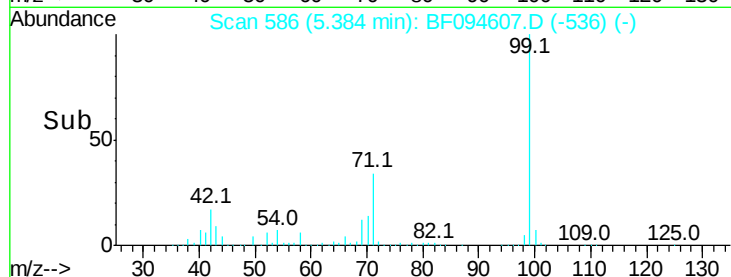
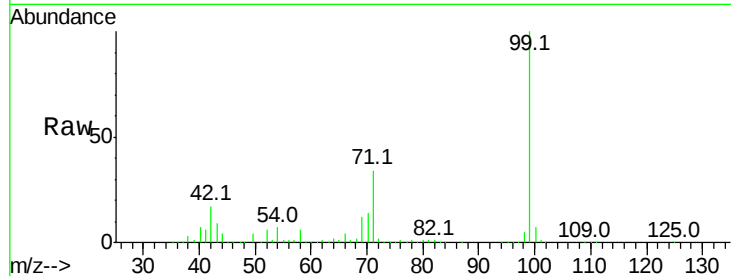
71 33.6 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Tgt Ion: 136 Resp: 477455

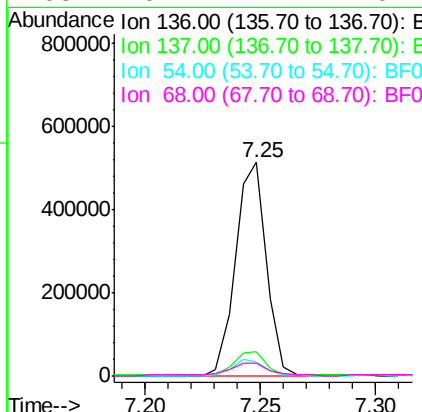
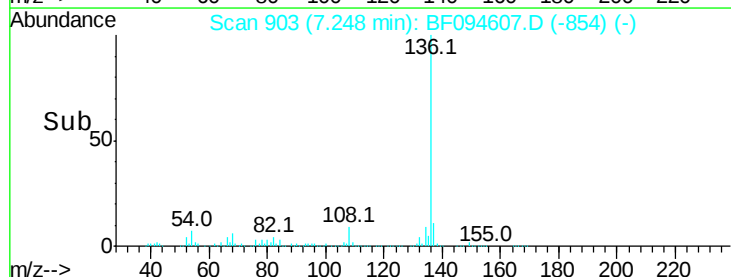
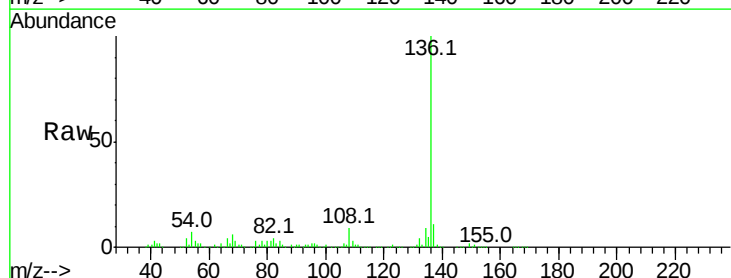
Ion Ratio Lower Upper

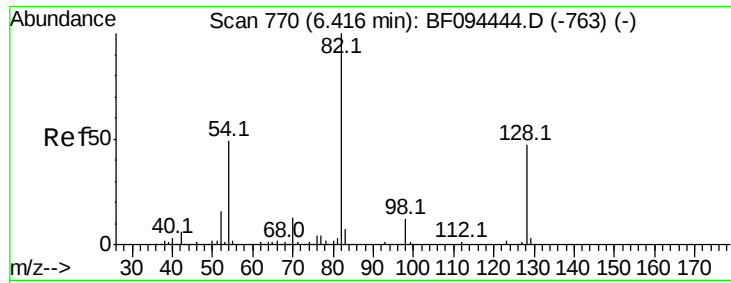
136 100

137 11.3 8.5 12.7

54 6.8 4.9 7.3

68 6.1 4.1 6.1





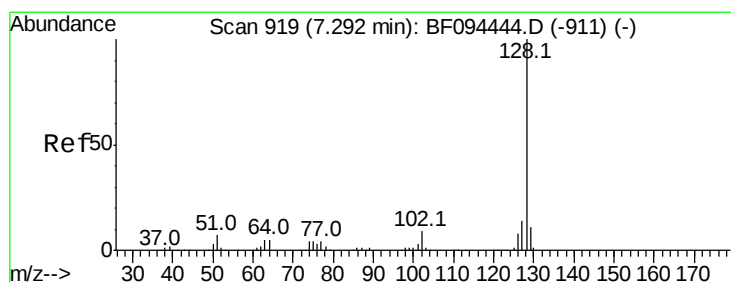
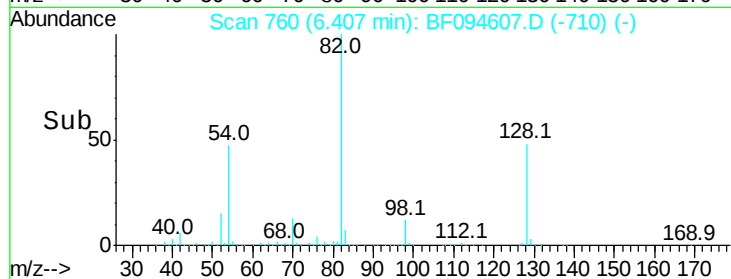
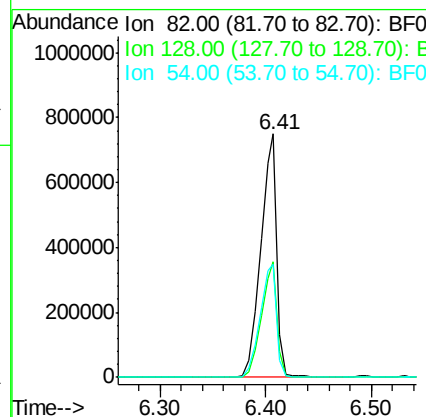
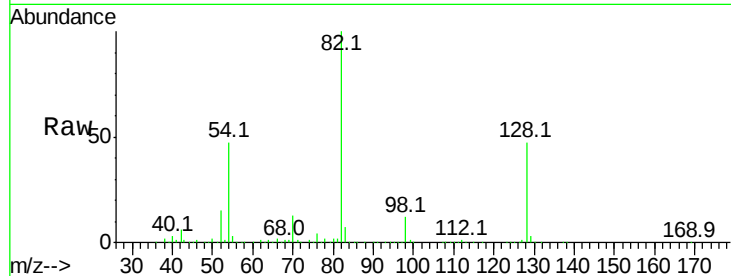
#23
 Nitrobenzene-d5
 Concen: 103.19 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094607.D
 Acq: 25 Apr 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB426B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	34.0	51.0	
54	46.7	42.2	63.2	

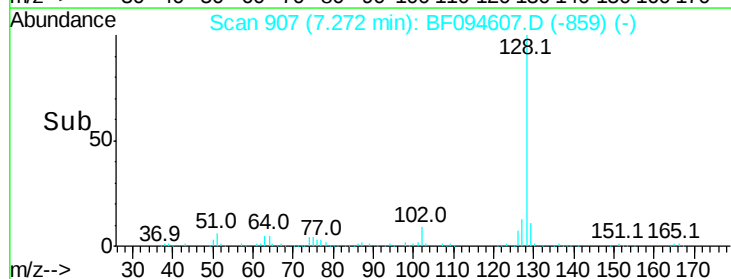
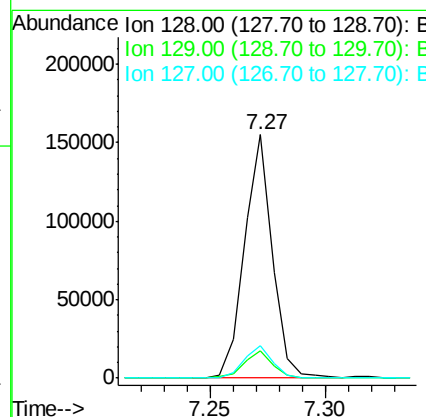
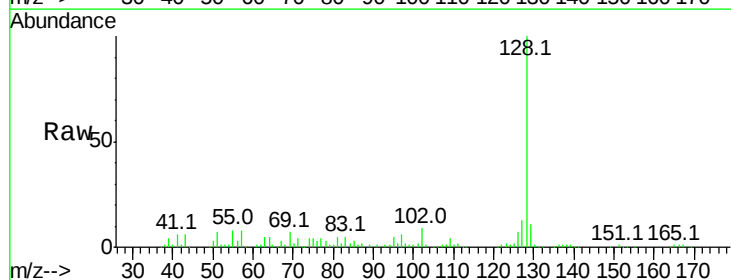
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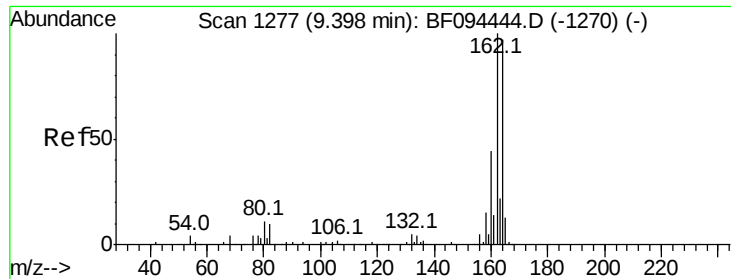
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#31
 Naphthalene
 Concen: 5.69 ng
 RT: 7.27 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF094607.D
 Acq: 25 Apr 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	13.1	10.8	16.2	





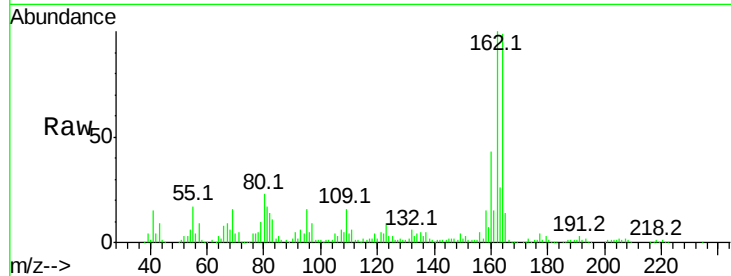
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094607.D
 Acq: 25 Apr 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB426B

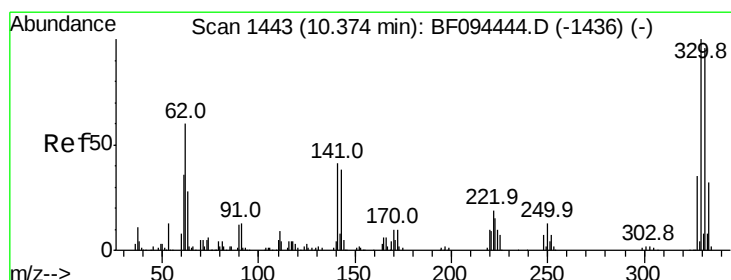
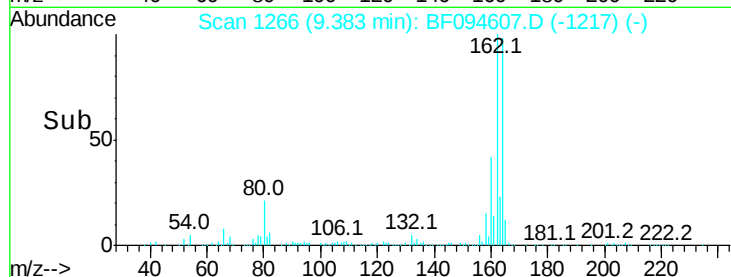
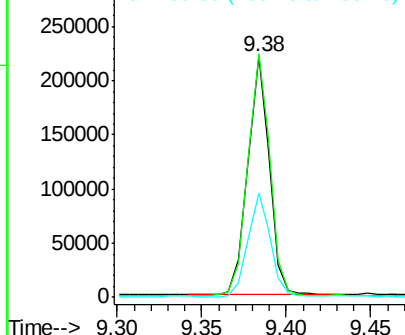
Tot Ion	Ratio	Resp	Lower	Upper
164	100	197600		
162	101.2	82.6	123.8	
160	43.4	36.2	54.2	

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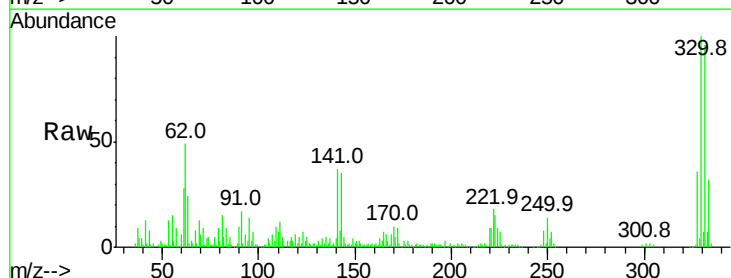


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

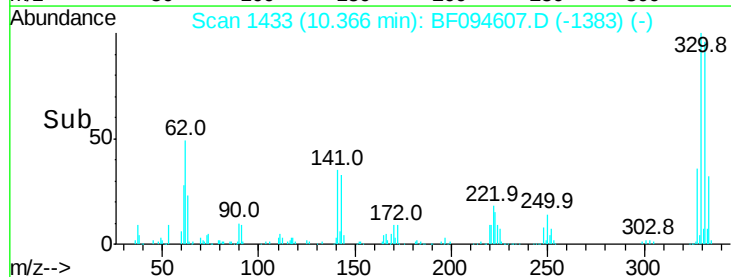
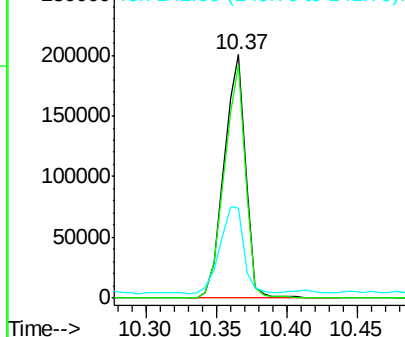


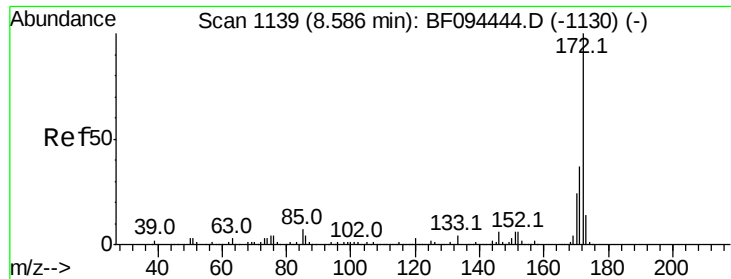
#41
 2,4,6-Tribromophenol
 Concen: 137.12 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094607.D
 Acq: 25 Apr 2017 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	211928		
332	94.0	76.6	115.0	
141	40.5	31.4	47.2	



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





#44

2-Fluorobiphenyl

Concen: 93.12 ng

RT: 8.57 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

HY-SB426B

Tot Ion:172 Resp: 1250599

Ion Ratio Lower Upper

172 100

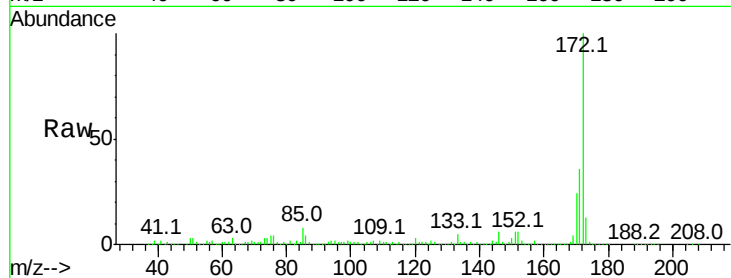
171 36.0 29.6 44.4

170 24.0 19.8 29.8

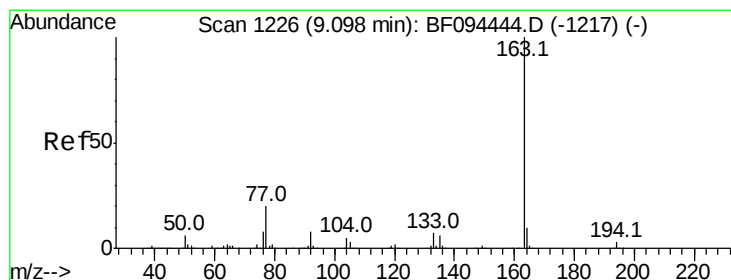
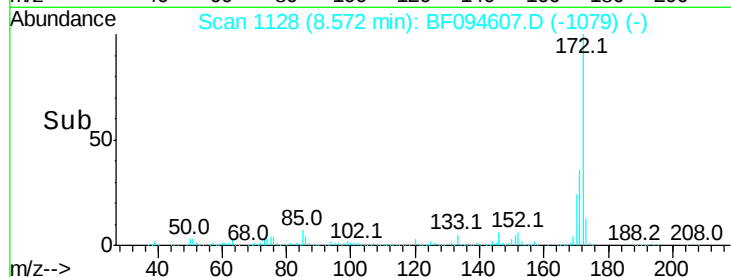
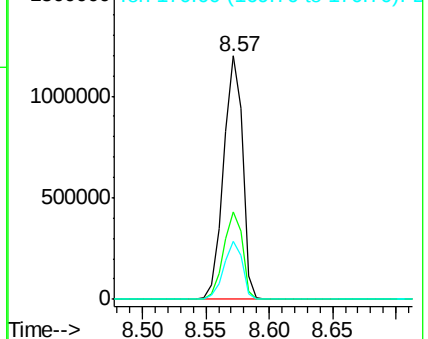
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 11.47 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

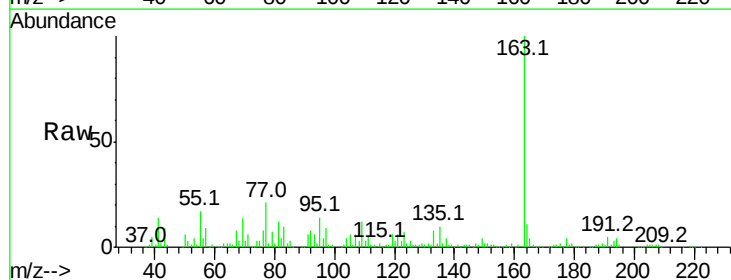
Tgt Ion:163 Resp: 168855

Ion Ratio Lower Upper

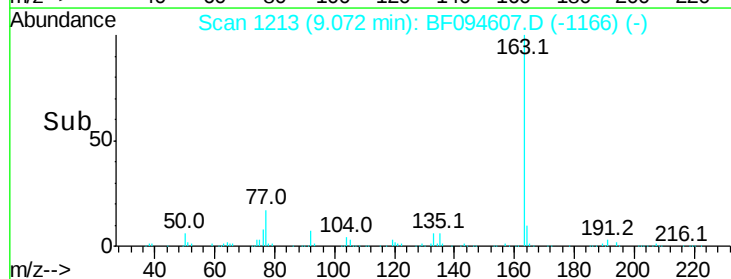
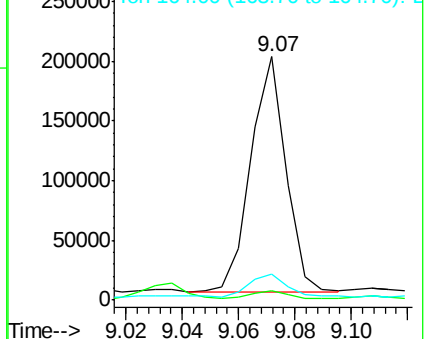
163 100

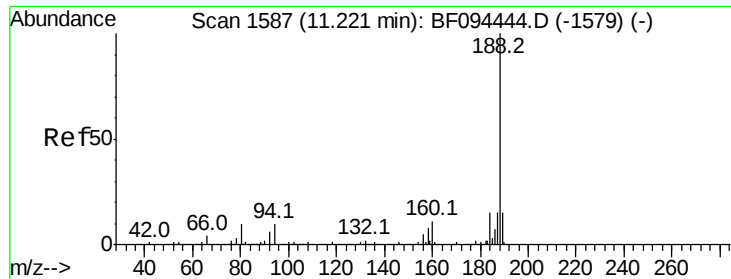
194 3.7 2.6 4.0

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Instrument :

BNA_F

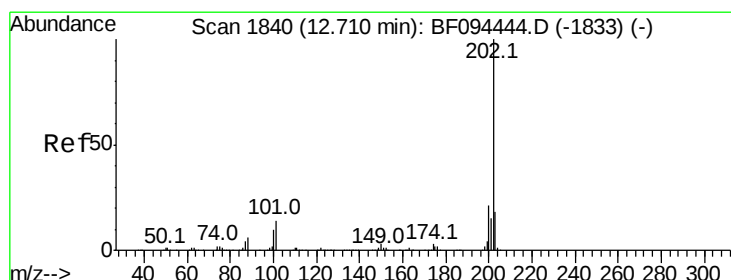
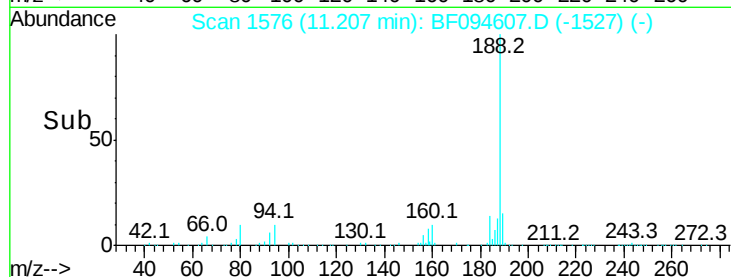
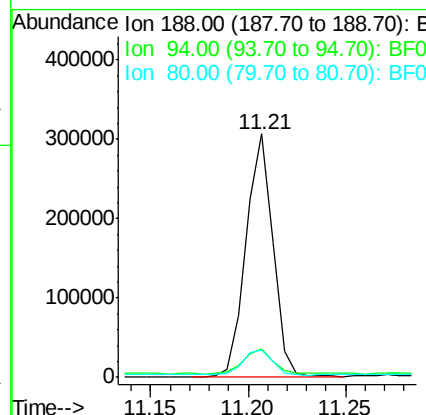
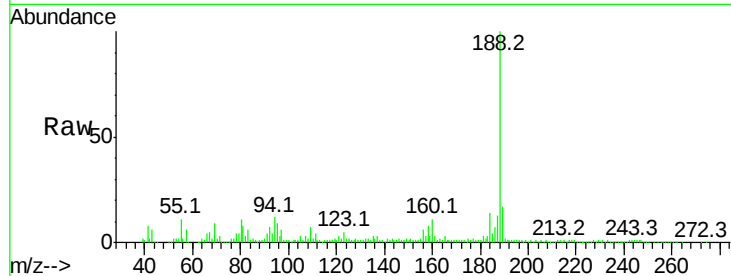
ClientSampleId :

HY-SB426B

Tot Ion:	188	Resp:	291540
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.2
80	11.4	10.2	15.2

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#74

Fluoranthene

Concen: 2.80 ng

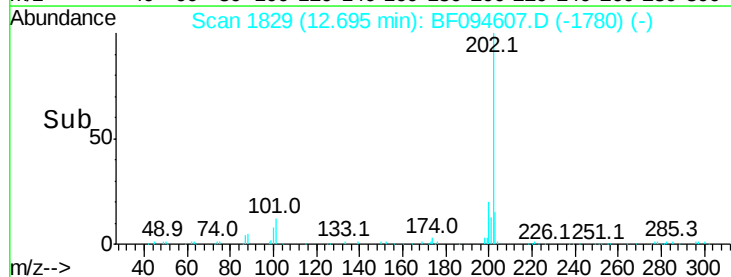
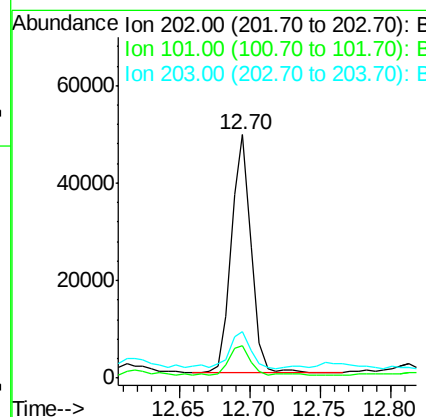
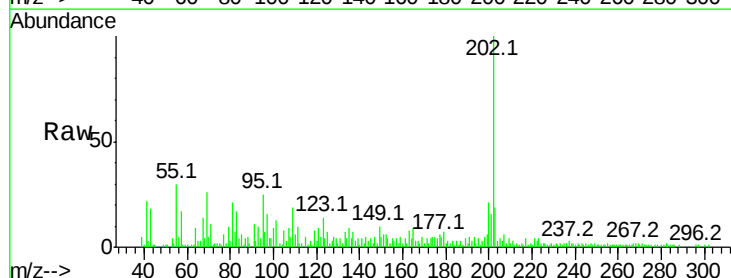
RT: 12.70 min Scan# 1829

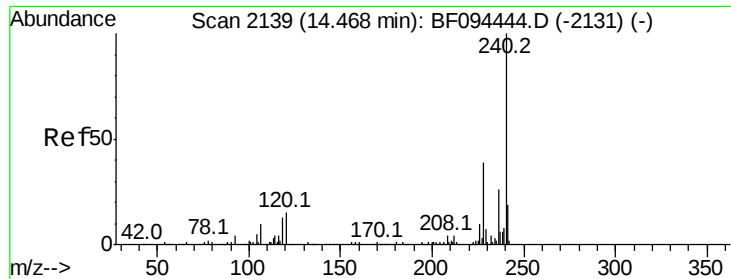
Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Tgt Ion:	202	Resp:	47633
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Instrument :

BNA_F

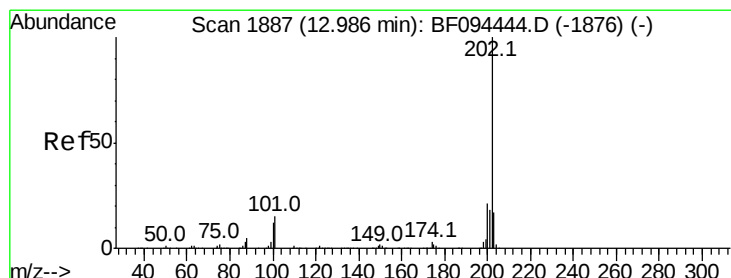
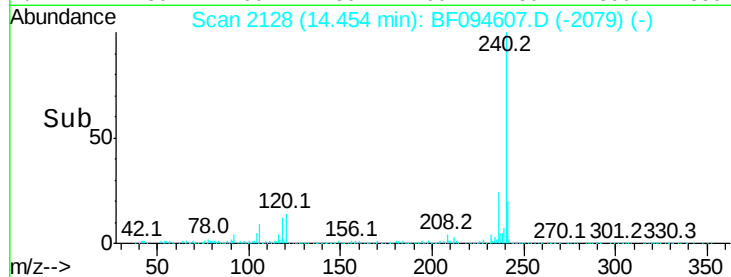
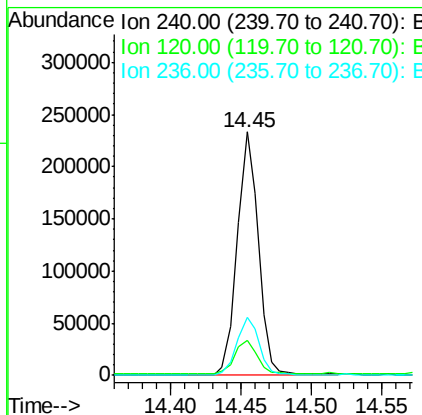
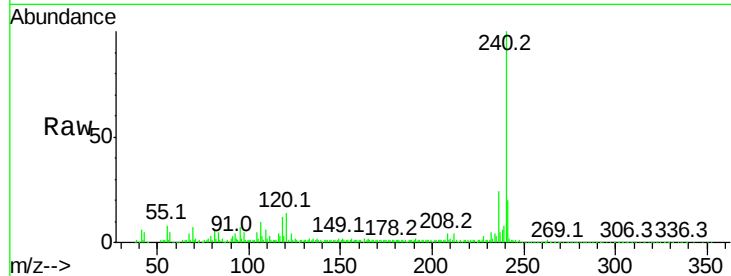
ClientSampleId :

HY-SB426B

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	23.9	20.5	30.7

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#77

Pyrene

Concen: 3.86 ng

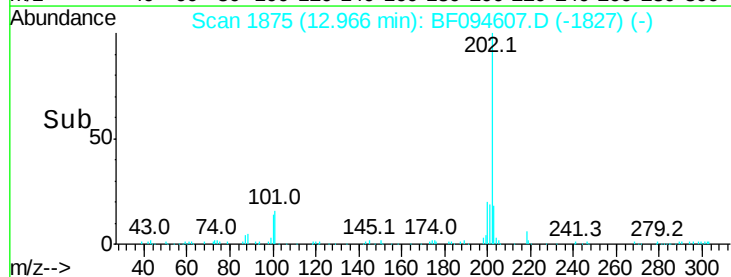
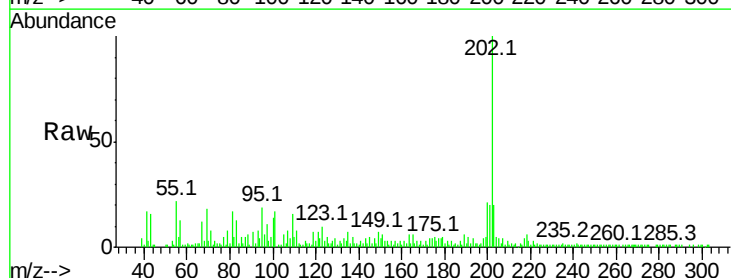
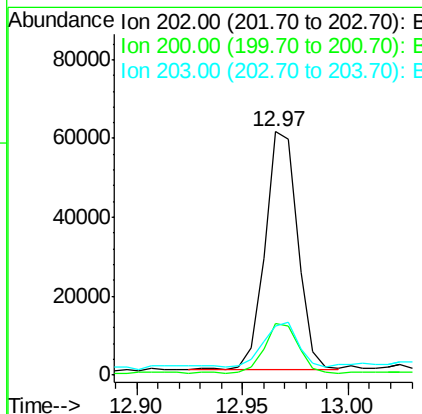
RT: 12.97 min Scan# 1875

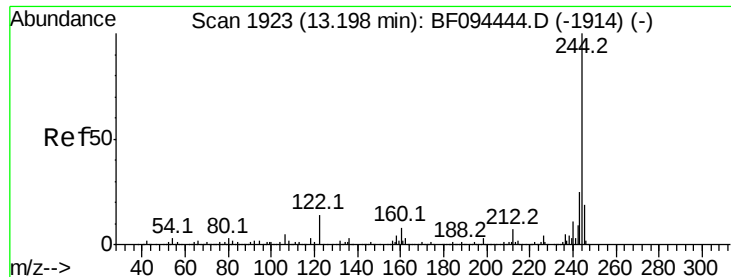
Delta R.T. -0.02 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.0	14.4	21.6





#78

Terphenyl-d14

Concen: 87.24 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Instrument :

BNA_F

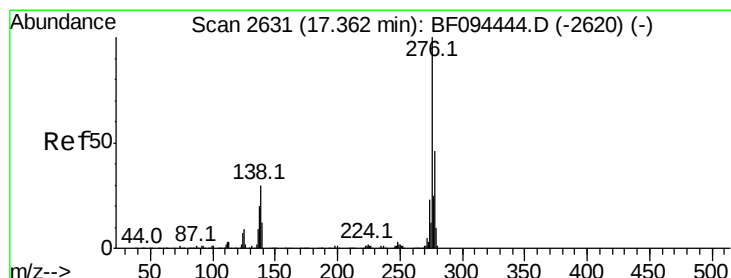
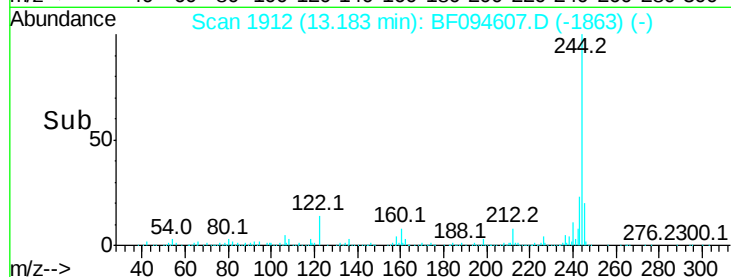
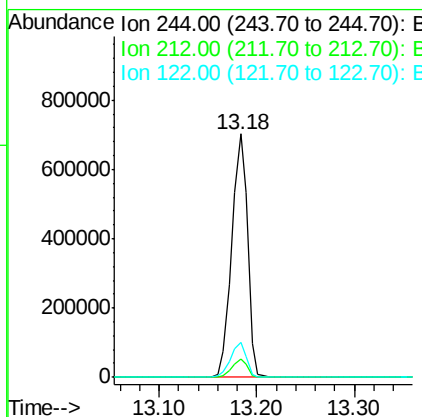
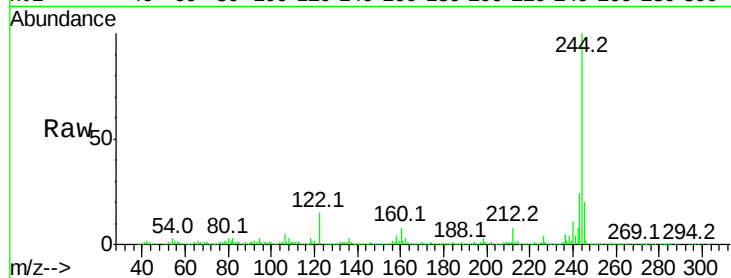
ClientSampleId :

HY-SB426B

Tot Ion:	244	Resp:	791397
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	14.5	10.3	15.5

Manual Integrations
APPROVED

mohammad
4/26/2017 2:20:52 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.04 ng

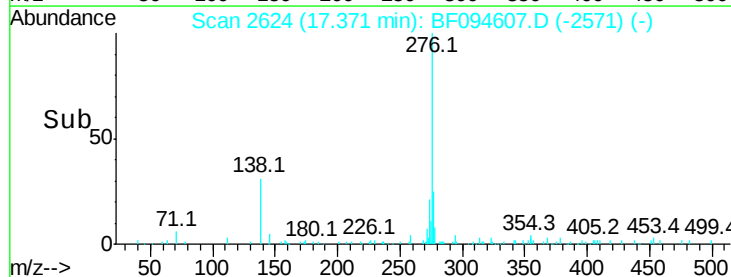
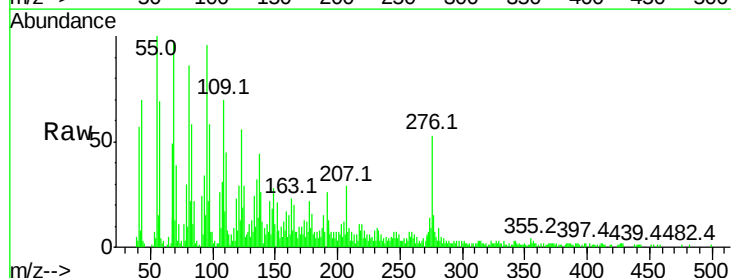
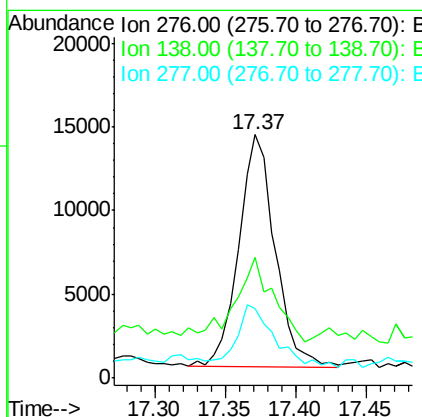
RT: 17.37 min Scan# 2624

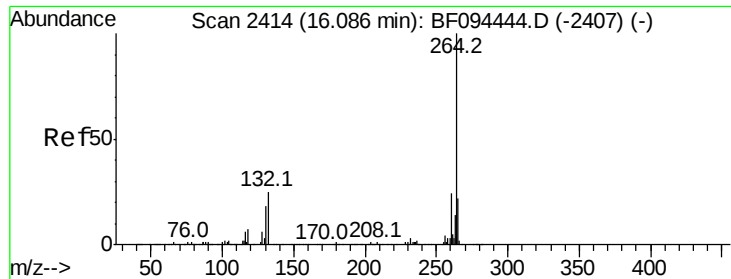
Delta R.T. 0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Tgt Ion:	276	Resp:	24987
Ion Ratio	Lower	Upper	
276	100		
138	37.3	27.8	41.6
277	29.0	20.2	30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Instrument :

BNA_F

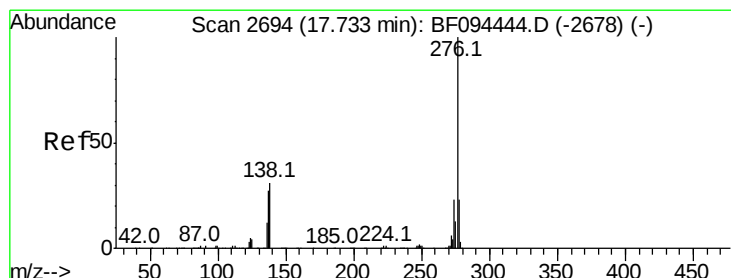
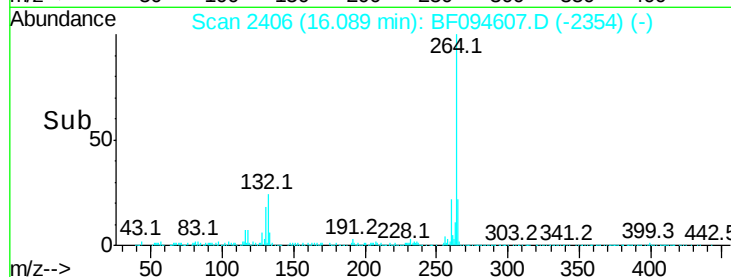
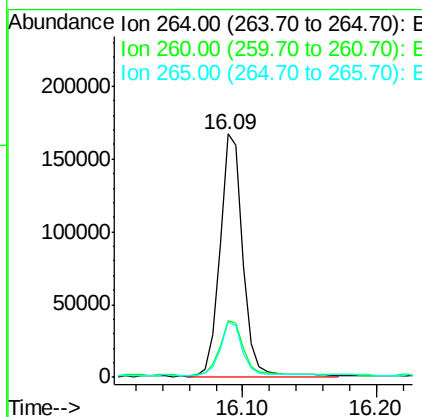
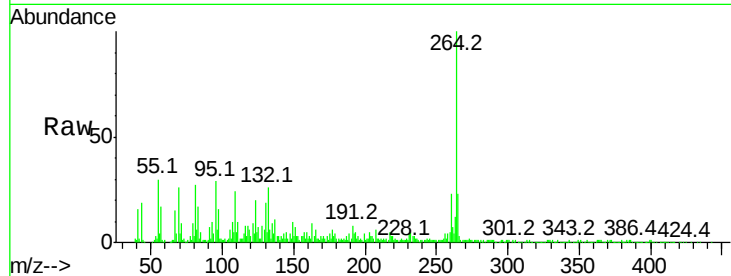
ClientSampleId :

HY-SB426B

Tot Ion:	264	Resp:	201218
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	22.9	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/26/2017 2:20:52 PM



#91

Benzo(g,h,i)perylene

Concen: 2.90 ng

RT: 17.75 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BF094607.D

Acq: 25 Apr 2017 16:14

Tgt Ion:	276	Resp:	28034
Ion Ratio	Lower	Upper	
276	100		
277	26.0	18.6	28.0
138	41.8	25.4	38.0#

