

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094627.D
 Acq On : 26 Apr 2017 2:26
 Operator : SJ/MA
 Sample : I2820-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Manual Integrations
 APPROVED

mohammad
 4/26/2017 2:22:27 PM

Quant Time: Apr 26 13:31:17 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	117810	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	388969	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	160033	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	248485	20.00	ng	0.00
75) Chrysene-d12	14.45	240	248392	20.00	ng	-0.01
86) Perylene-d12	16.08	264	172437	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.31	112	1025143	144.37	ng	0.00
7) Phenol-d6	5.39	99	1238759	147.98	ng	0.00
23) Nitrobenzene-d5	6.41	82	757328	120.22	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	166707	133.18	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1023395	94.09	ng	0.00
78) Terphenyl-d14	13.19	244	759663	81.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) 2-Methylnaphthalene	8.12	142	180113m	14.08	ng	
49) Dimethylphthalate	9.08	163	152919	12.82	ng	# 96
51) Acenaphthene	9.44	154	79739	8.21	ng	# 91
57) Fluorene	10.07	166	149300	13.59	ng	# 87
70) Phenanthrene	11.25	178	418284	29.89	ng	99
71) Anthracene	11.31	178	56743m	3.92	ng	
74) Fluoranthene	12.70	202	67236	4.64	ng	93
77) Pyrene	12.98	202	130703	7.53	ng	95
87) Benzo(b)fluoranthene	15.68	252	23894m	2.27	ng	

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

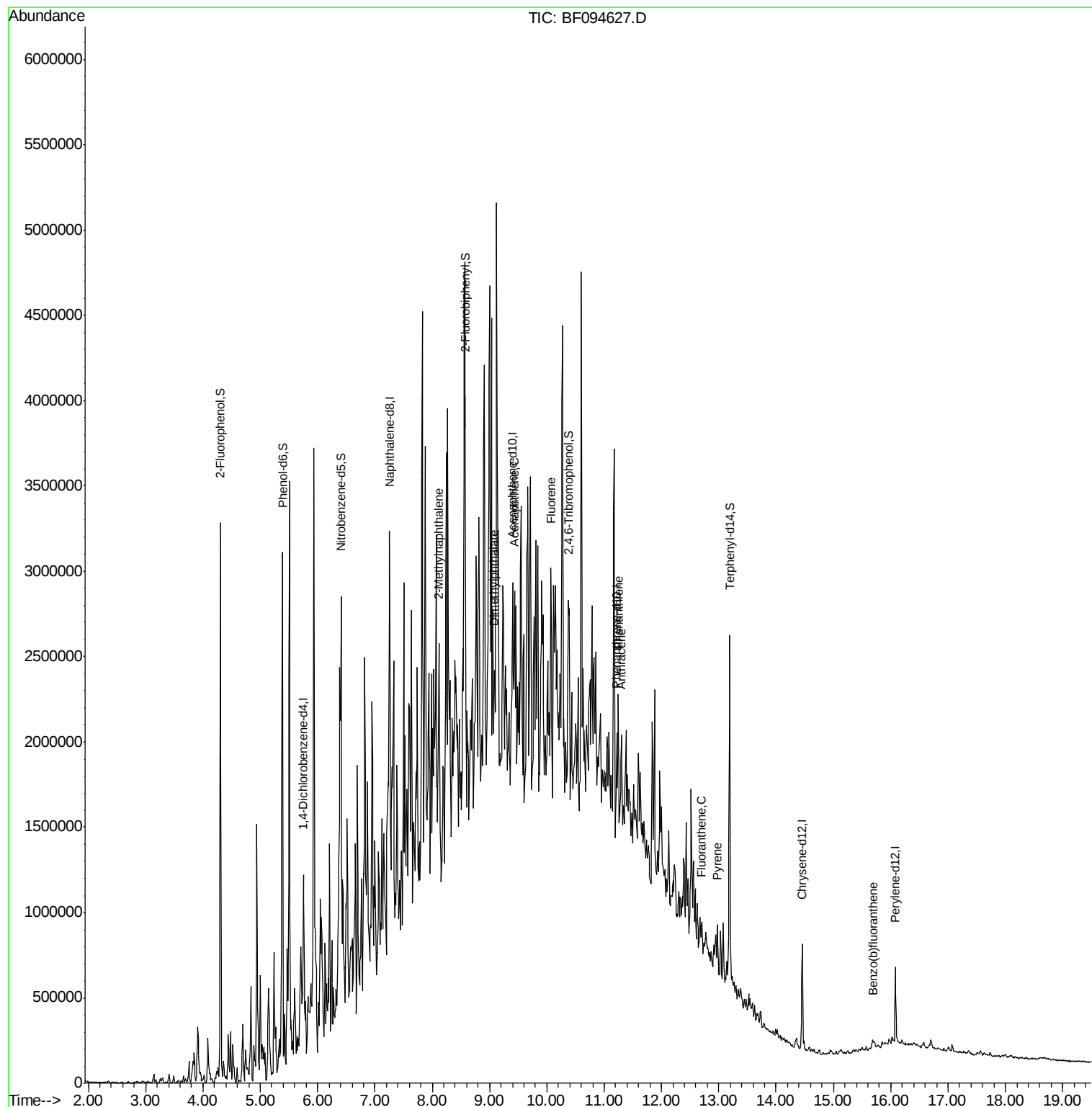
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
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Quant Time: Apr 26 13:31:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

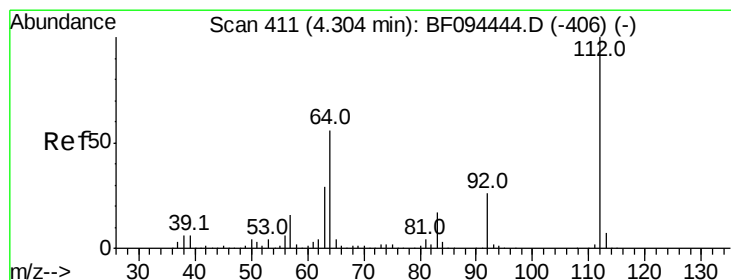
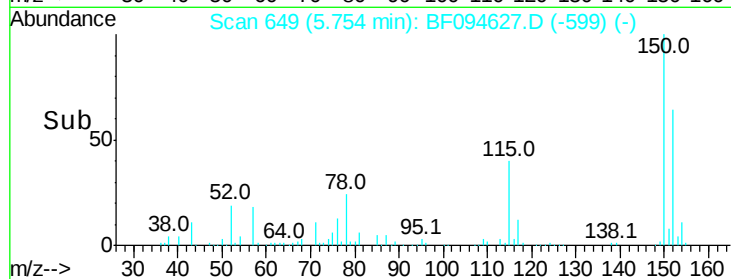
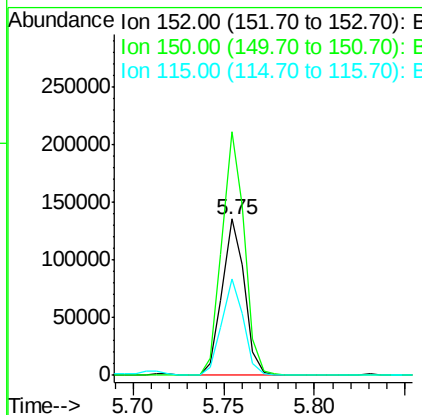
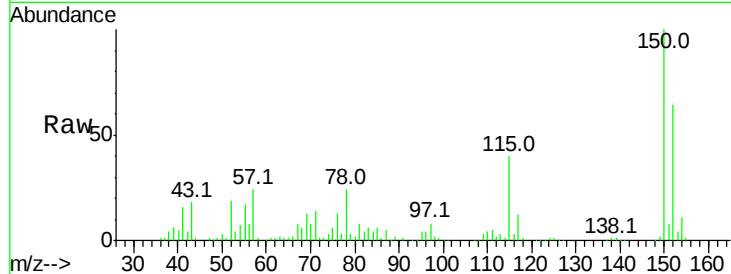
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Instrument :
BNA_F
ClientSampleId :
HY-SB434C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	61.6	52.2	78.2

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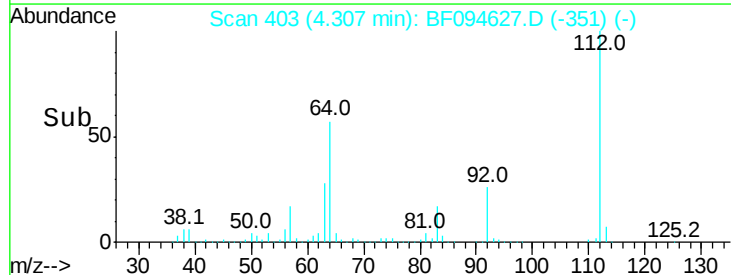
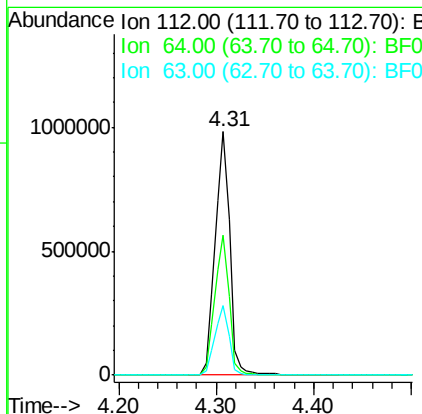
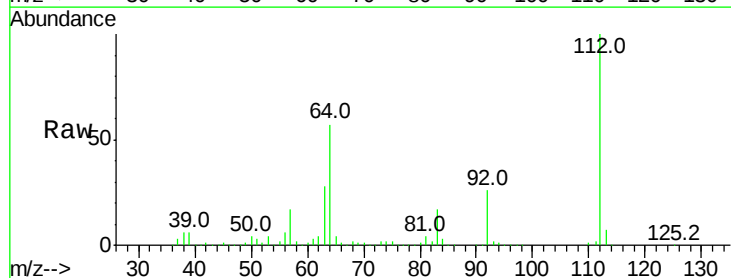
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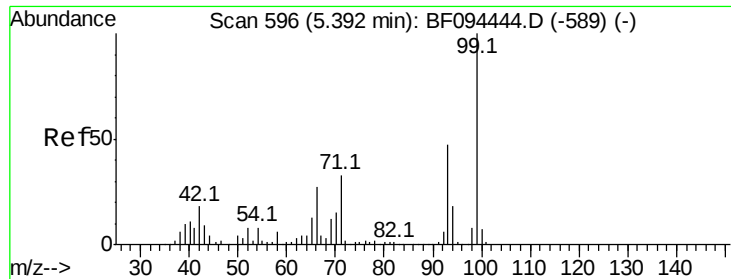


#5

2-Fluorophenol
Concen: 144.37 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.5	23.4	35.0





#7

Phenol-d6

Concen: 147.98 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

HY-SB434C

Tot Ion: 99 Resp: 1238759

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

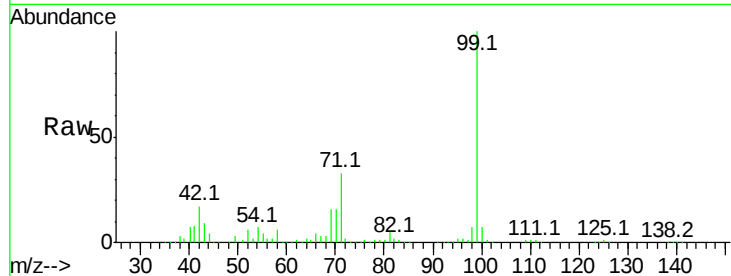
71 32.6 24.5 36.7

Manual Integrations

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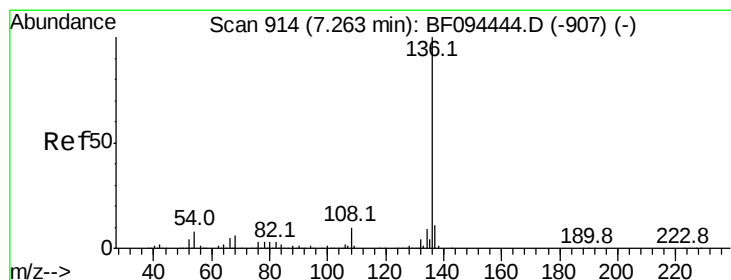
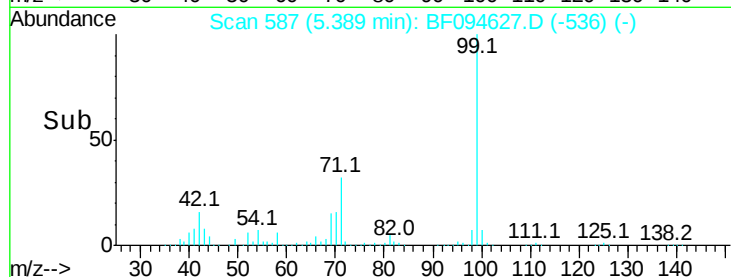
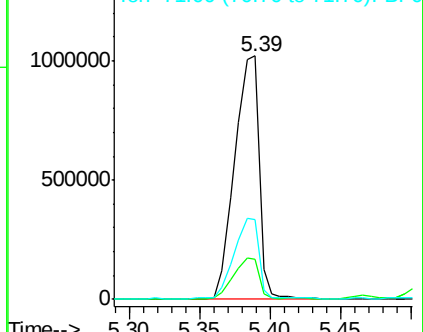
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Tgt Ion: 136 Resp: 388969

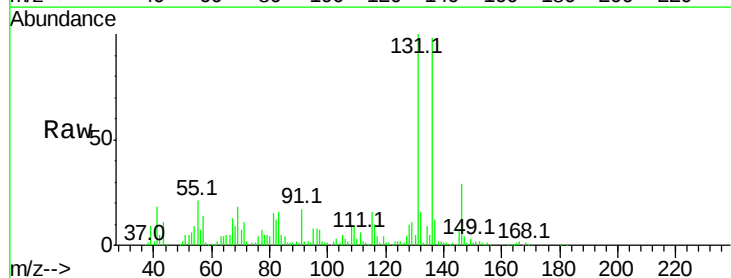
Ion Ratio Lower Upper

136 100

137 12.5 8.5 12.7

54 9.2 4.9 7.3#

68 9.0 4.1 6.1#

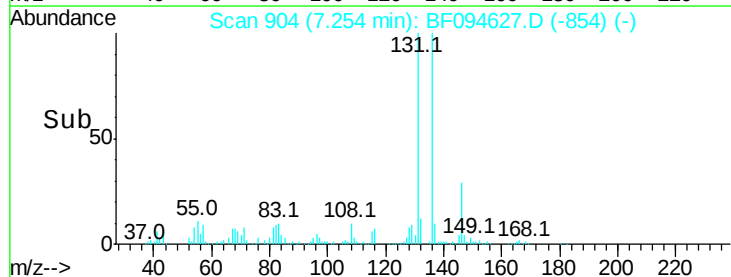
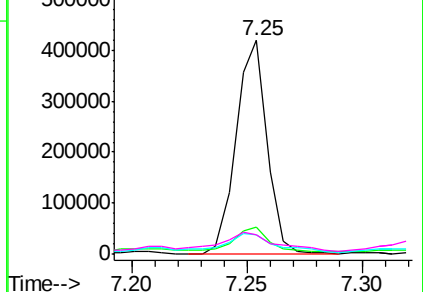


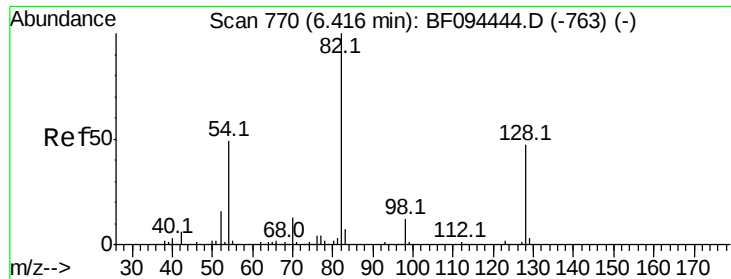
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





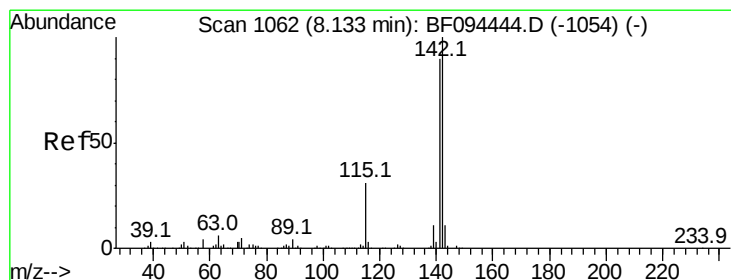
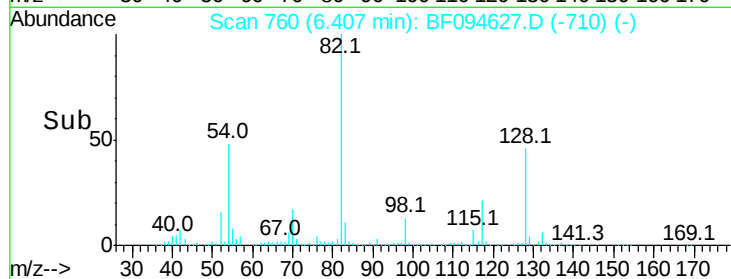
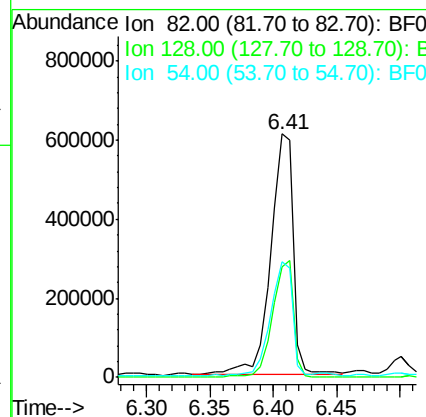
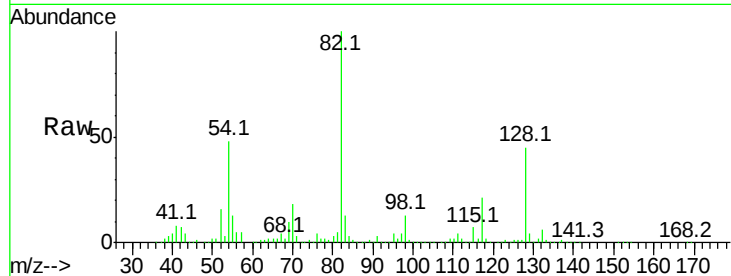
#23
 Nitrobenzene-d5
 Concen: 120.22 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	47.6	42.2	63.2

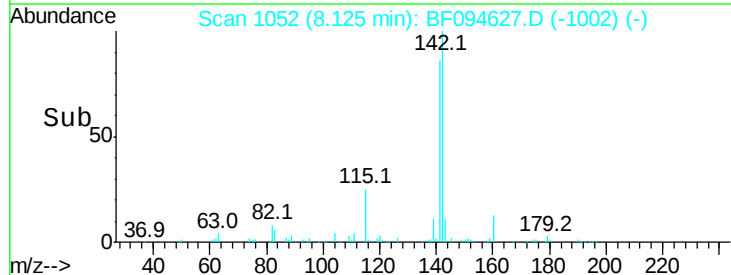
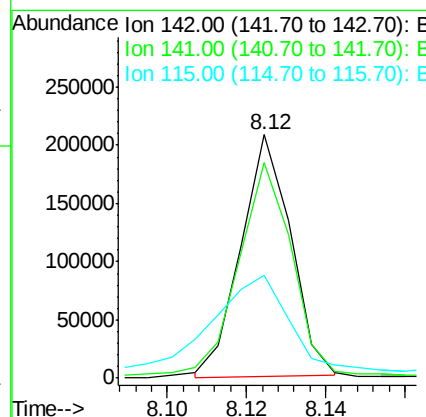
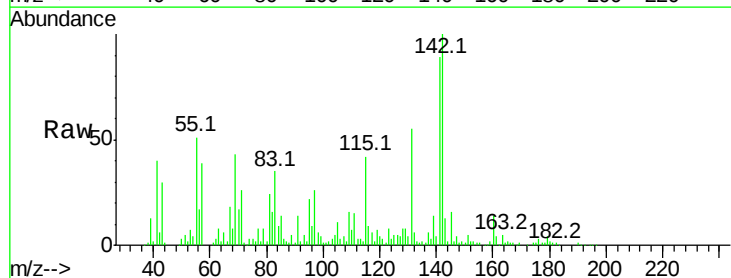
Manual Integrations
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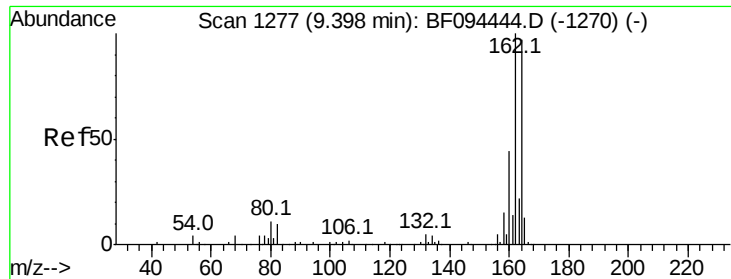
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#37
 2-Methylnaphthalene
 Concen: 14.08 ng m
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	42.4	27.1	40.7#





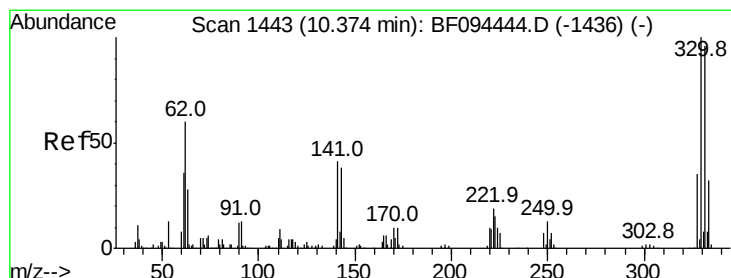
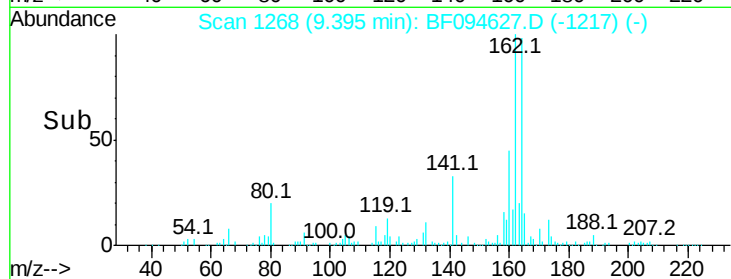
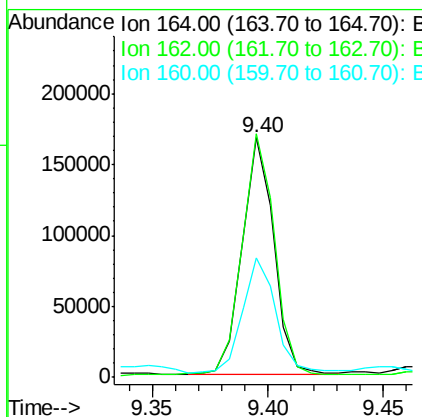
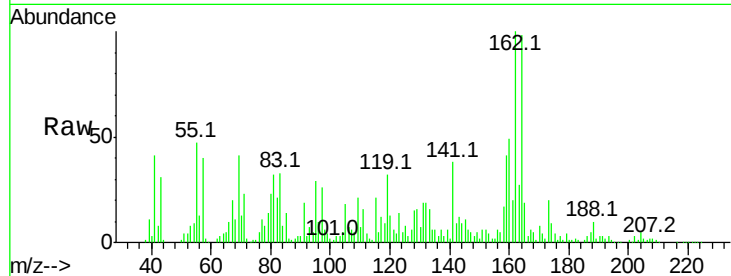
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	49.9	36.2	54.2

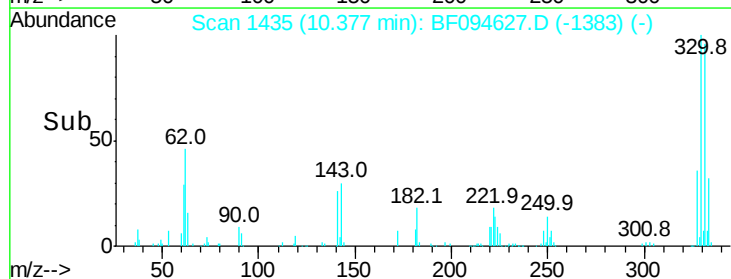
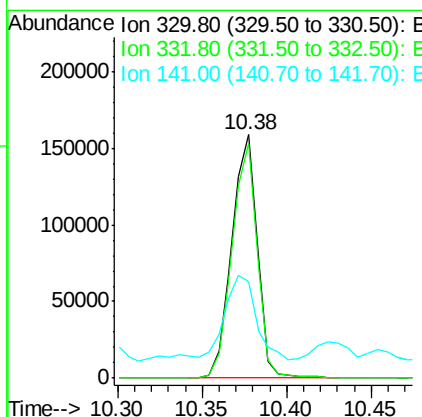
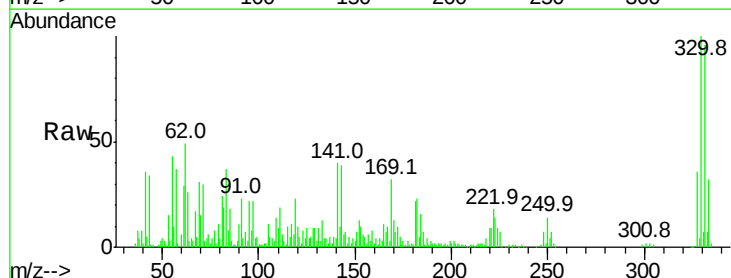
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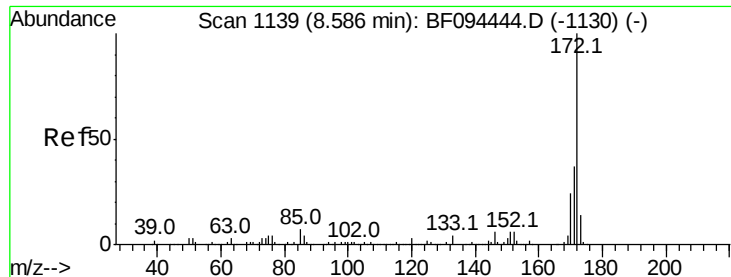
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#41
 2,4,6-Tribromophenol
 Concen: 133.18 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	48.3	31.4	47.2





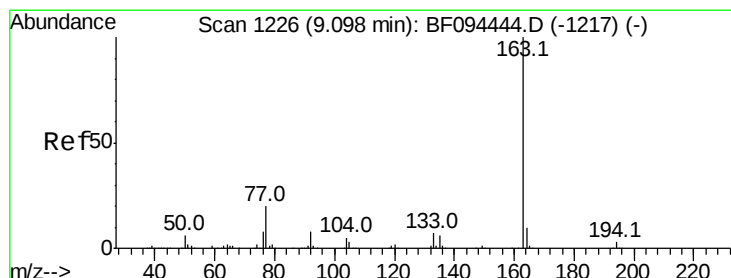
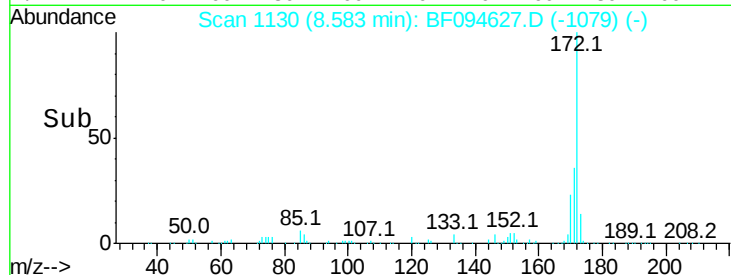
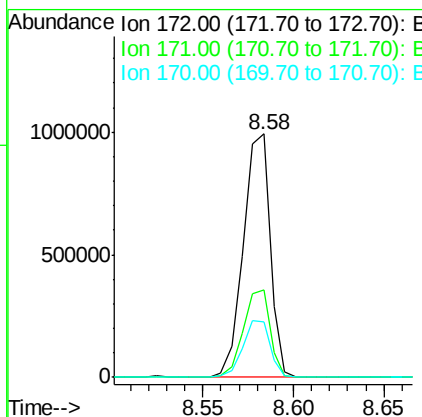
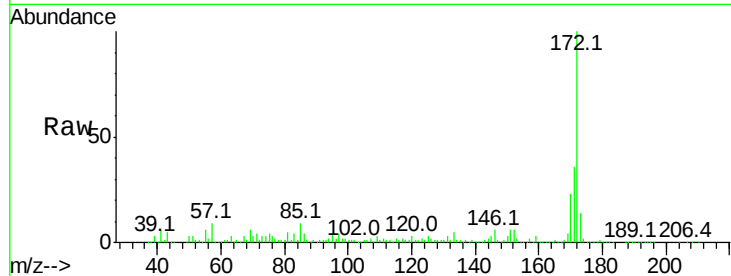
#44
2-Fluorobiphenyl
Concen: 94.09 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Instrument :
BNA_F
ClientSampleId :
HY-SB434C

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	22.9	19.8	29.8

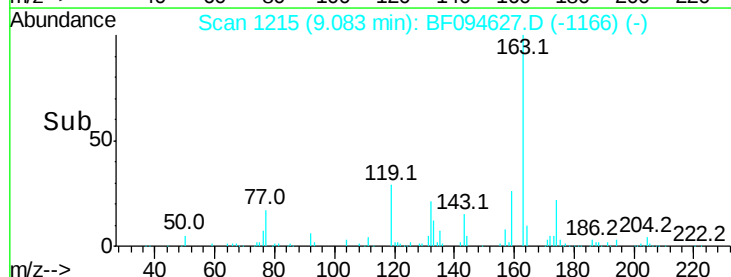
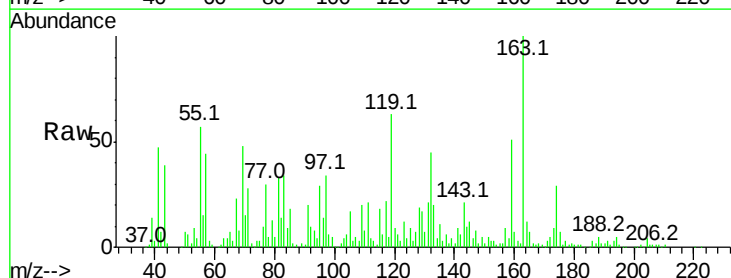
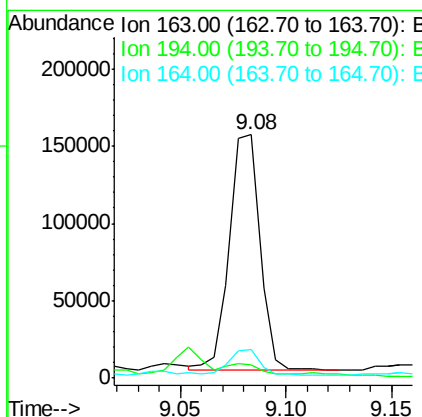
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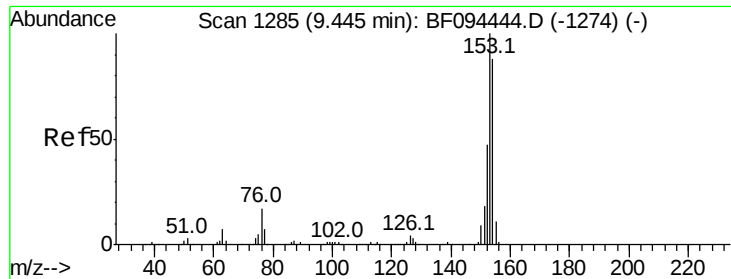
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#49
Dimethylphthalate
Concen: 12.82 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.6	4.0#
164	11.7	8.4	12.6





#51

Acenaphthene

Concen: 8.21 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

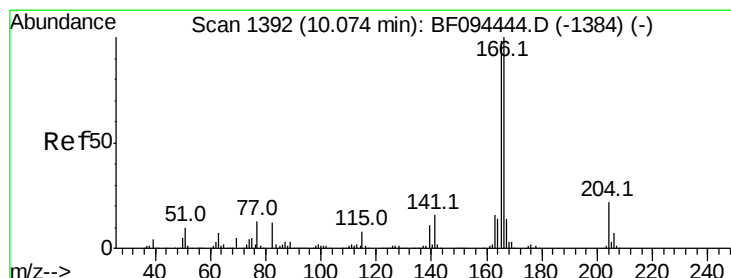
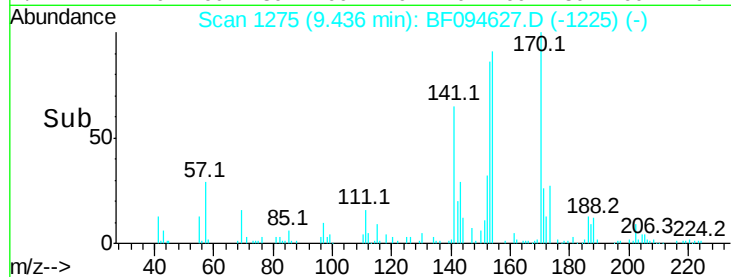
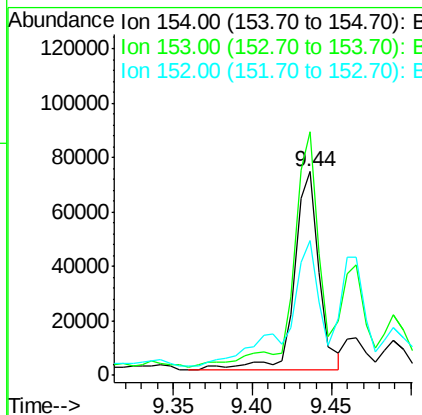
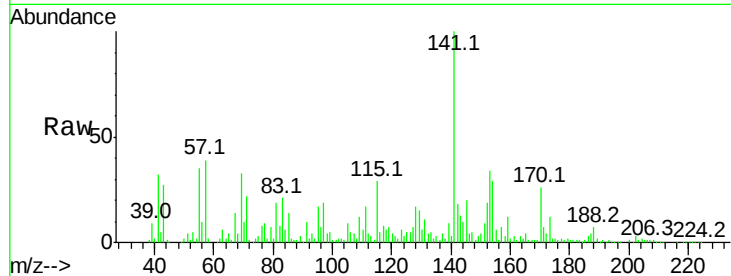
ClientSampleId :

HY-SB434C

Tot Ion:	154	Resp:	79739
Ion Ratio	Lower	Upper	
154	100		
153	119.6	90.5	135.7
152	66.3	43.6	65.4#

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#57

Fluorene

Concen: 13.59 ng

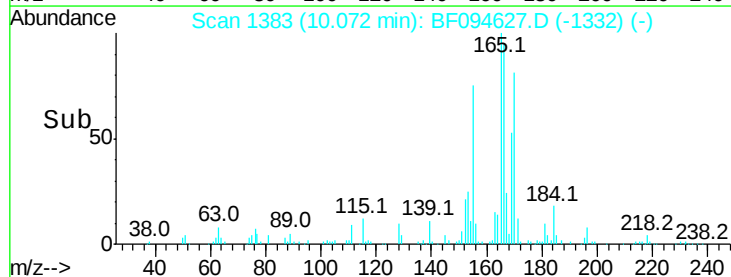
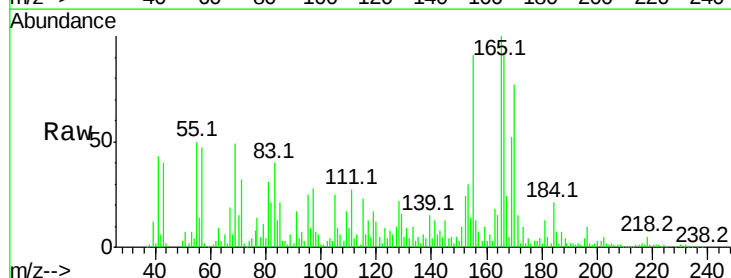
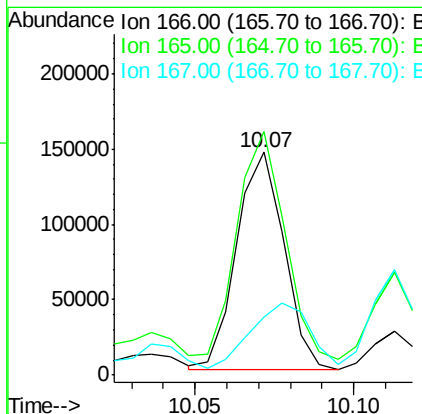
RT: 10.07 min Scan# 1383

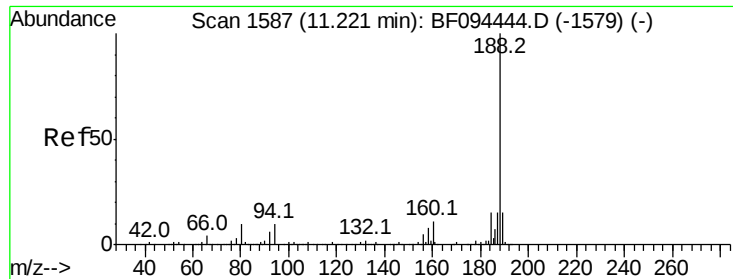
Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Tgt Ion:	166	Resp:	149300
Ion Ratio	Lower	Upper	
166	100		
165	109.2	78.8	118.2
167	26.3	10.6	16.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

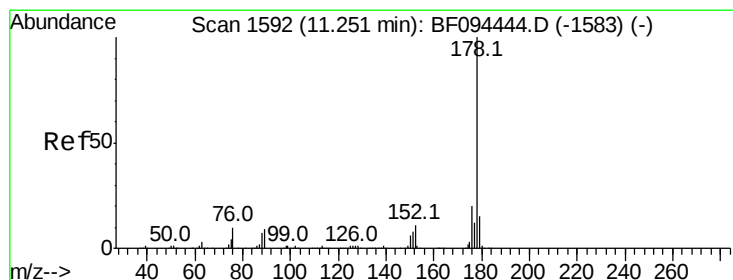
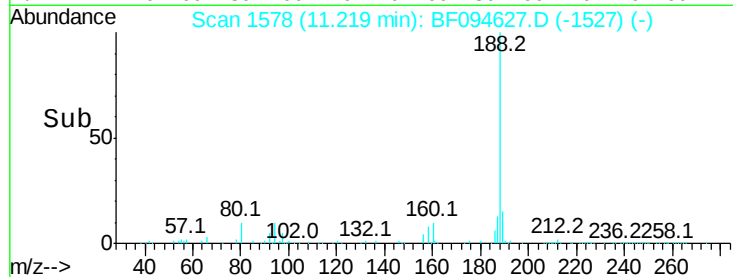
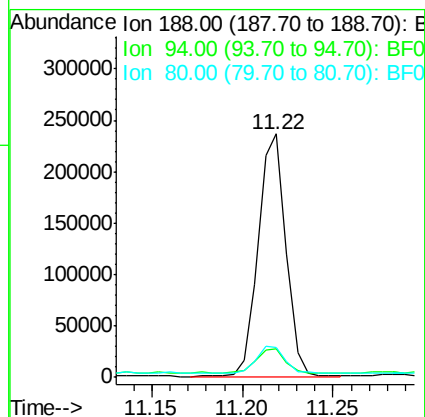
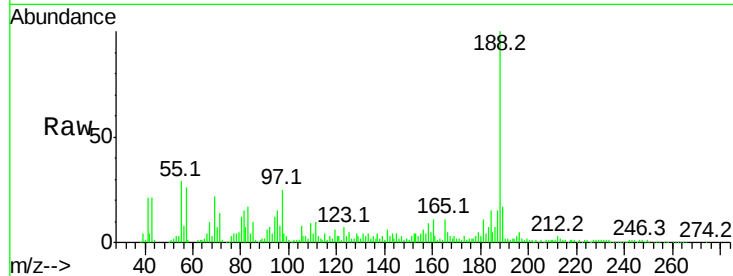
ClientSampleId :

HY-SB434C

Tot Ion:	188	Resp:	248485
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	12.4	10.2	15.2

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#70

Phenanthrene

Concen: 29.89 ng

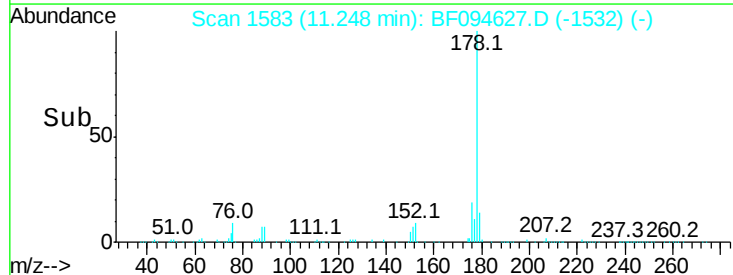
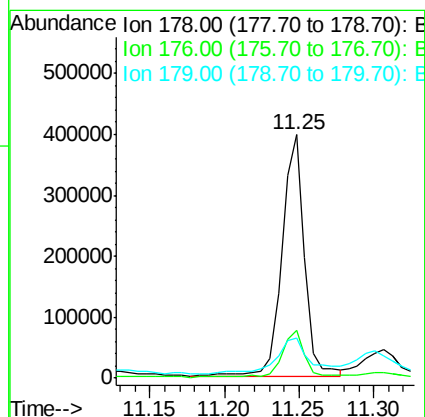
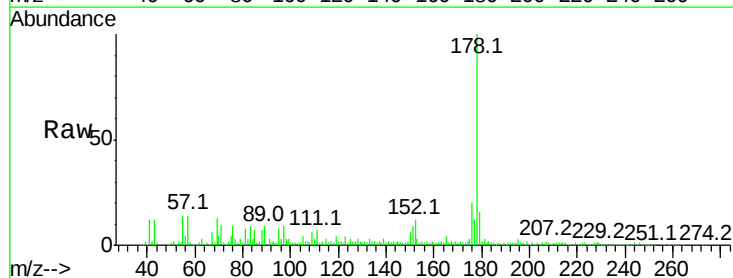
RT: 11.25 min Scan# 1583

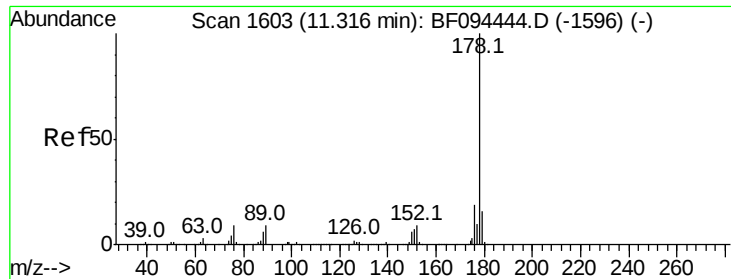
Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Tgt Ion:	178	Resp:	418284
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.4
179	16.3	12.6	19.0





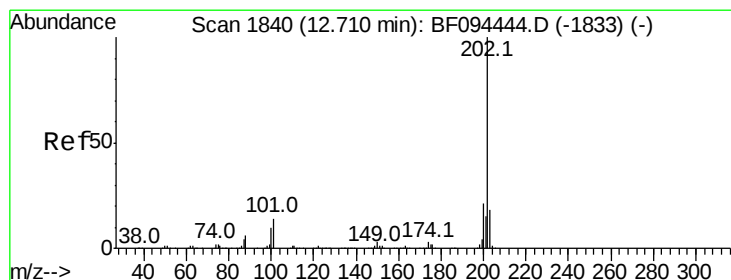
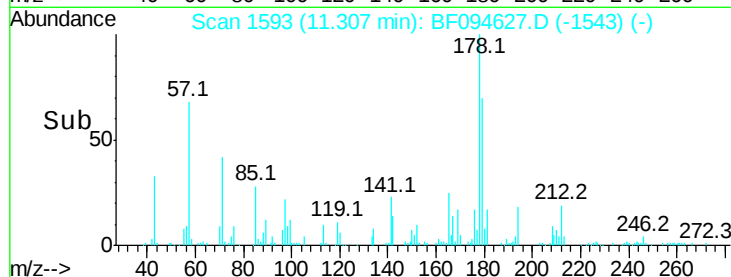
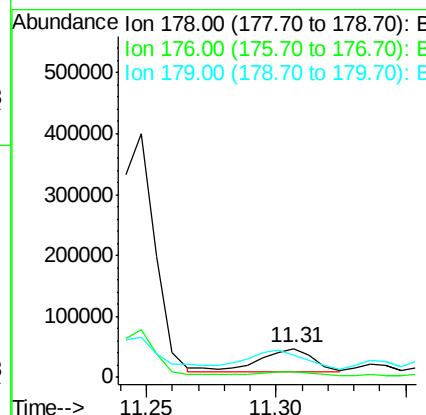
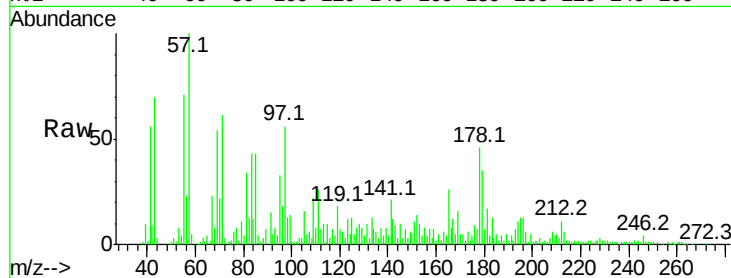
#71
 Anthracene
 Concen: 3.92 ng m
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	76.0	12.7	19.1#

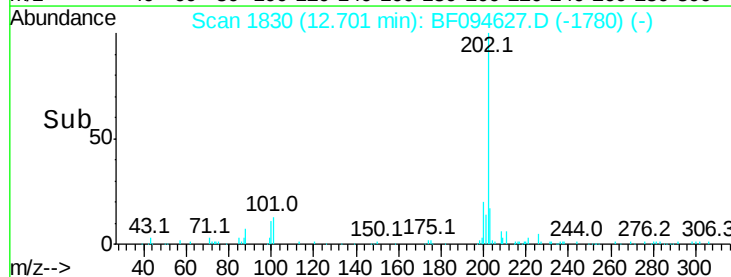
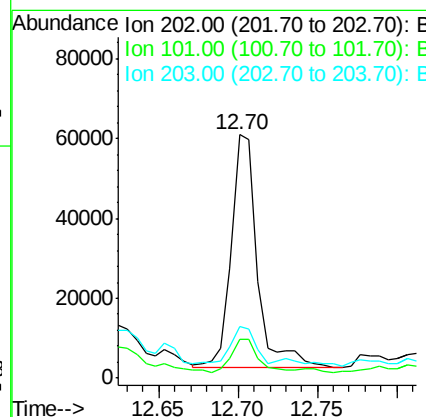
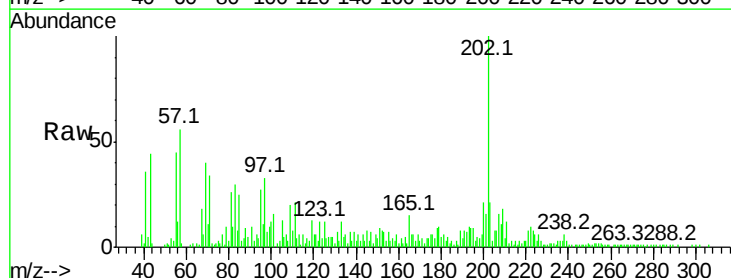
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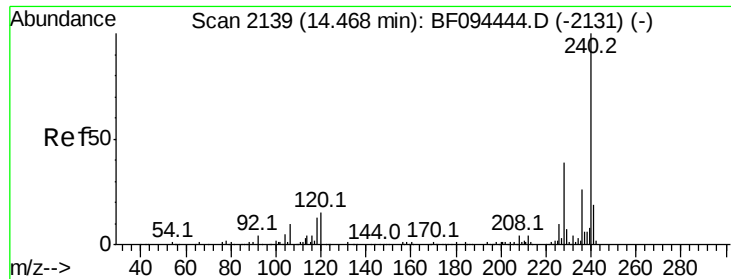
mohammad
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#74
 Fluoranthene
 Concen: 4.64 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	33.2
203	21.0	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: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

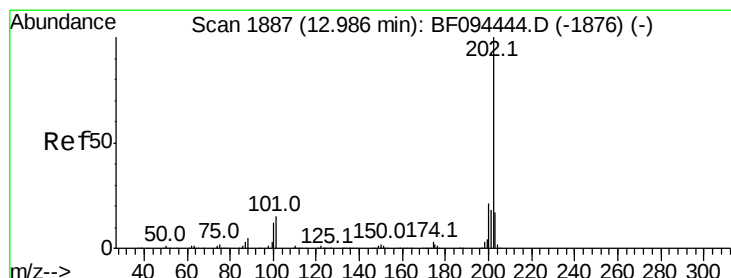
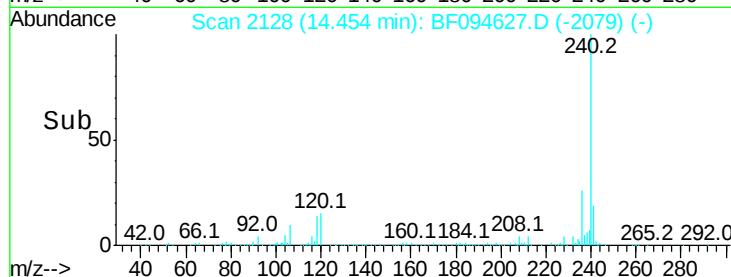
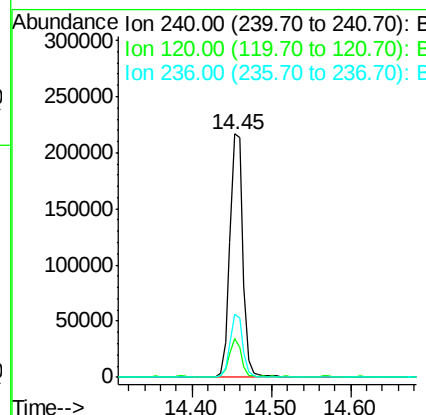
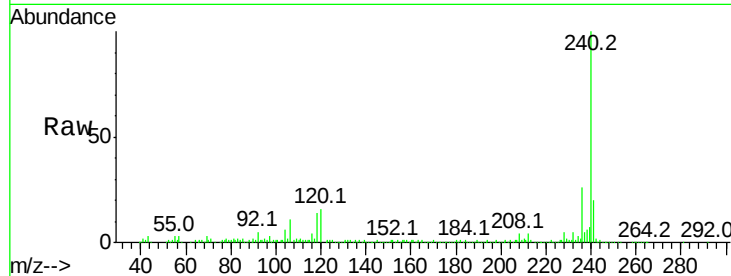
ClientSampleId :

HY-SB434C

Tot Ion	Ratio	Resp	Lower	Upper
240	100	248392		
120	15.8	5.8	8.8#	
236	26.0	20.5	30.7	

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#77

Pyrene

Concen: 7.53 ng

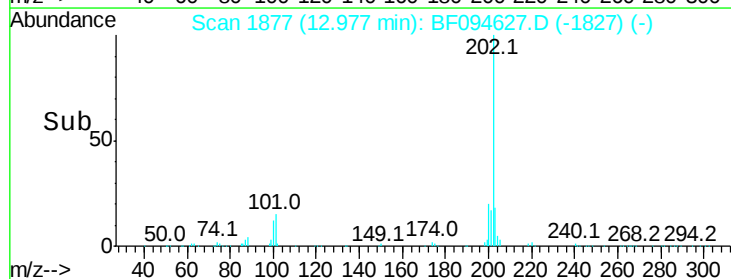
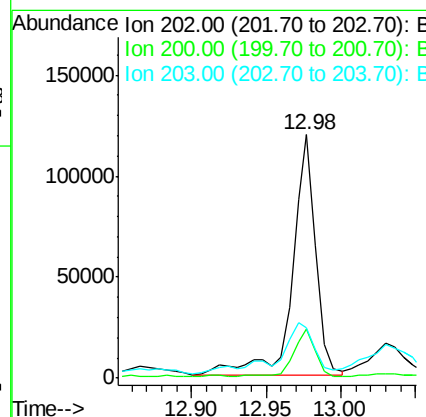
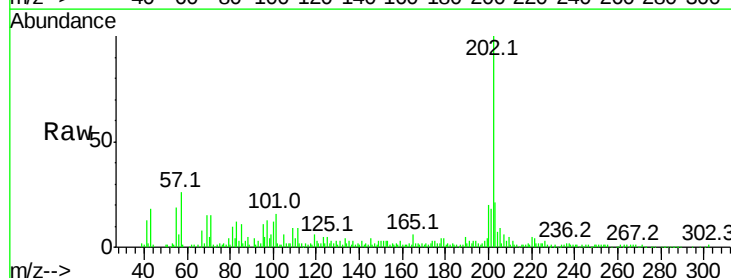
RT: 12.98 min Scan# 1877

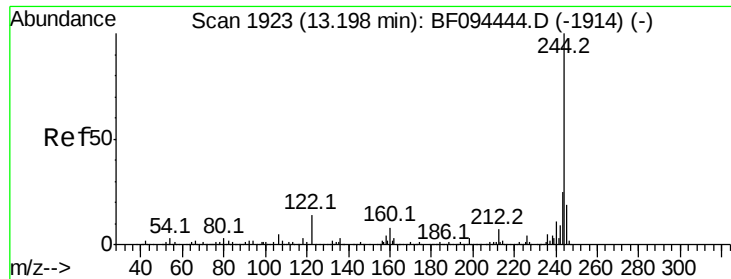
Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130703		
200	20.4	17.6	26.4	
203	20.6	14.4	21.6	





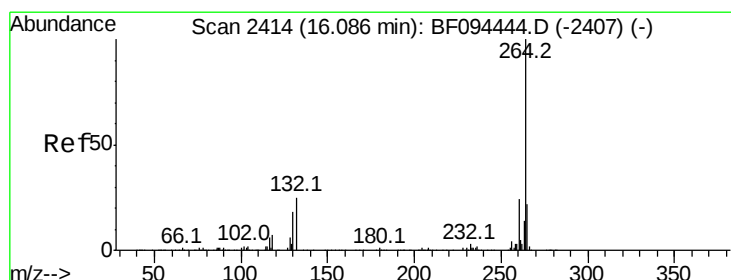
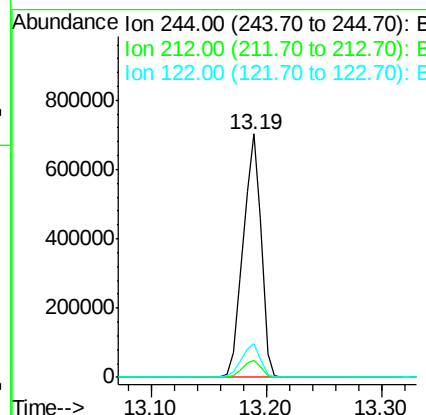
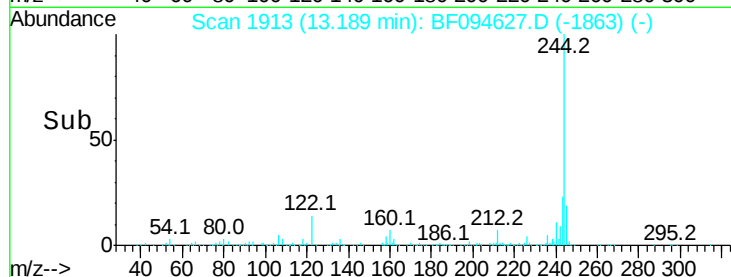
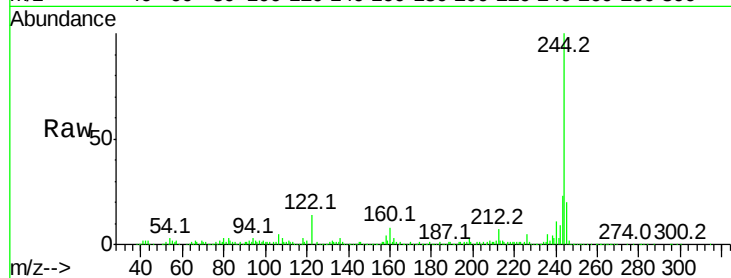
#78
 Terphenyl-d14
 Concen: 81.75 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	6.0	9.0
122	13.9	10.3	15.5

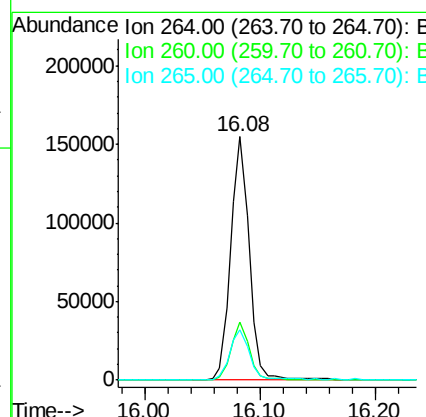
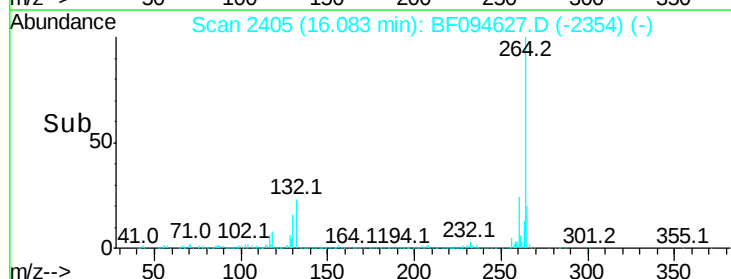
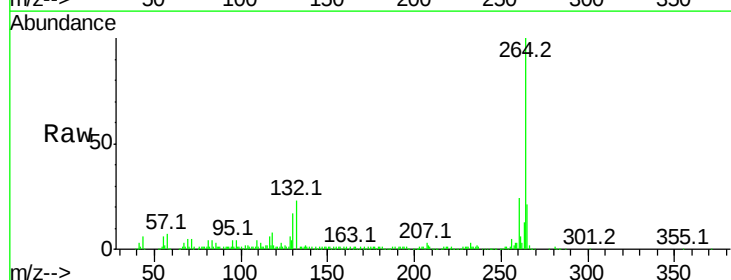
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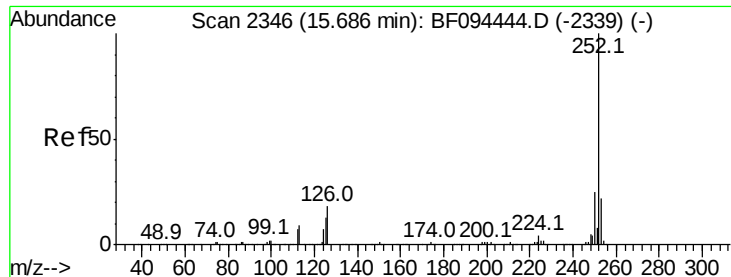
mohammad
 4/26/2017 2:22:27 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.5	29.3
265	20.6	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.27 ng m
 RT: 15.68 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	27.9	9.8	14.8

Manual Integrations
 APPROVED

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