

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094699.D
 Acq On : 28 Apr 2017 22:20
 Operator : SJ/MA
 Sample : I2895-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-6.0-7.0

Manual Integrations
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Quant Time: Apr 29 03:03:53 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	5.77	152	109189	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	422625	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	179346	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	277114	20.00	ng	0.00
75) Chrysene-d12	14.47	240	221612	20.00	ng	0.00
86) Perylene-d12	16.11	264	162273	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	856782	130.18	ng	0.03
7) Phenol-d6	5.40	99	1061527	136.82	ng	0.00
23) Nitrobenzene-d5	6.42	82	608666	88.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	166411	118.63	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	857982	70.39	ng	0.00
78) Terphenyl-d14	13.19	244	591997	71.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	112117	8.39	ng	99
74) Fluoranthene	12.71	202	50436	3.12	ng	97
77) Pyrene	12.99	202	47753	3.08	ng	96
82) Chrysene	14.50	228	28418	2.41	ng	# 87
87) Benzo(b)fluoranthene	15.70	252	35557m	3.58	ng	

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

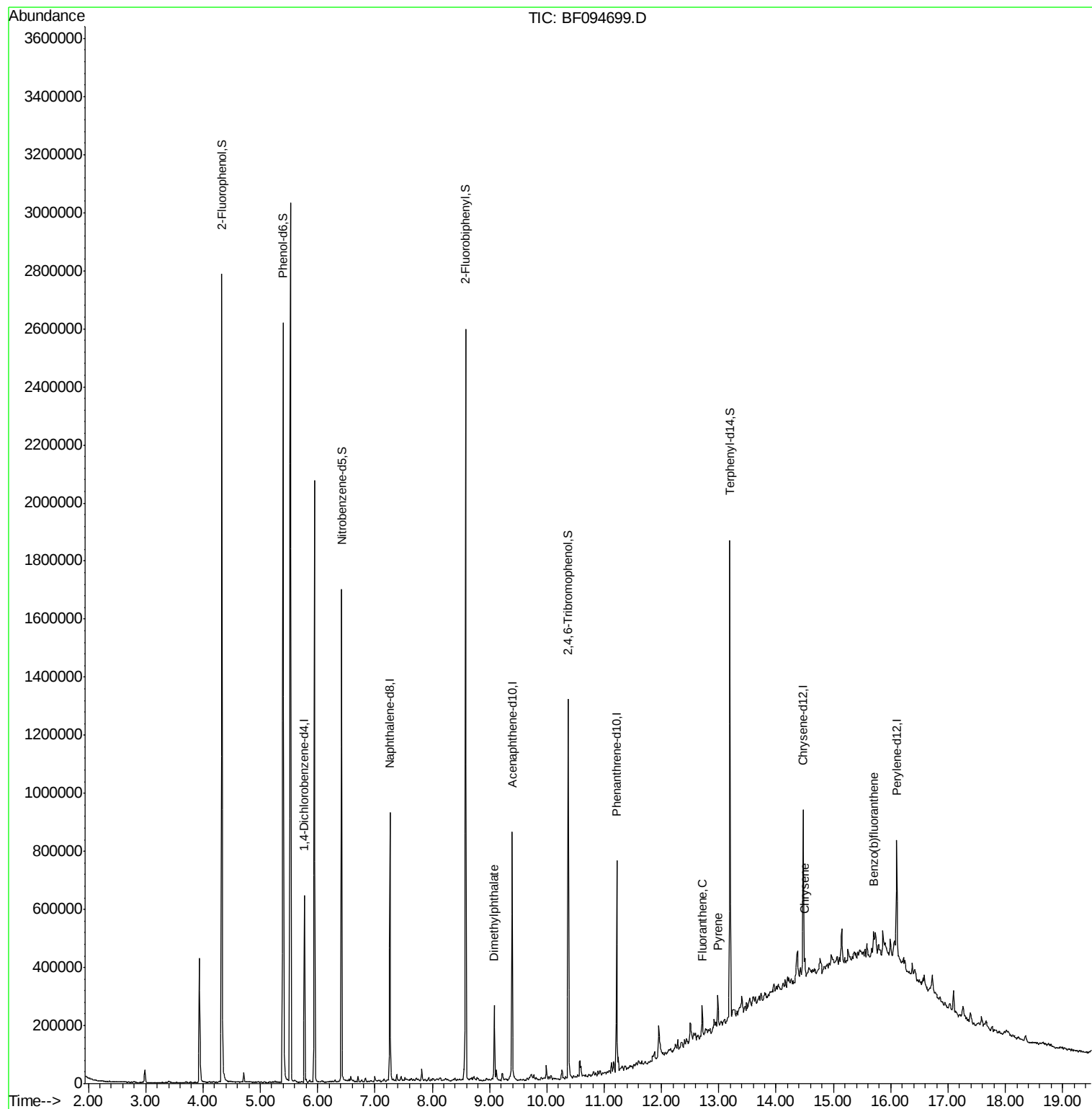
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094699.D
Acq On : 28 Apr 2017 22:20
Operator : SJ/MA
Sample : I2895-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

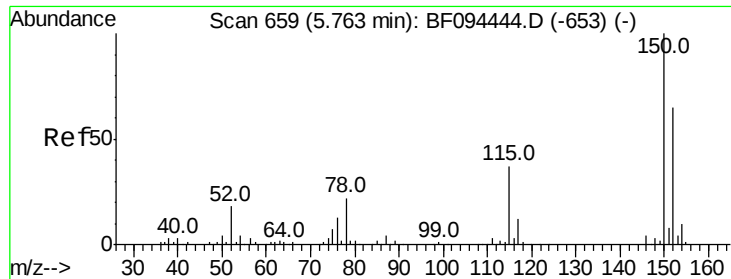
Instrument :
BNA_F
ClientSampleId :
SB-05-6.0-7.0

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Quant Time: Apr 29 03:03:53 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

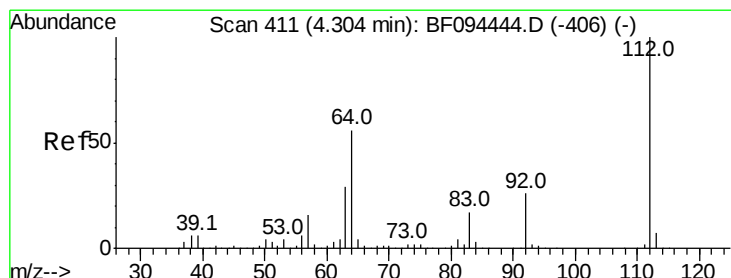
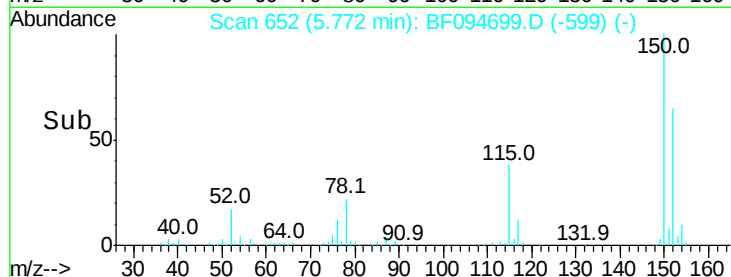
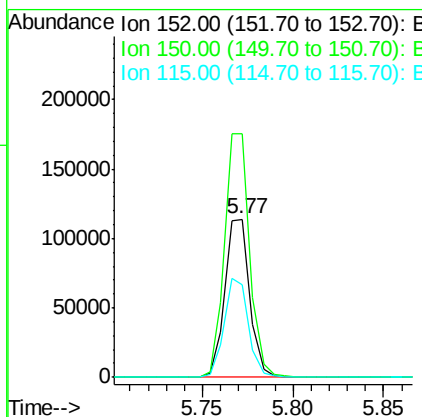
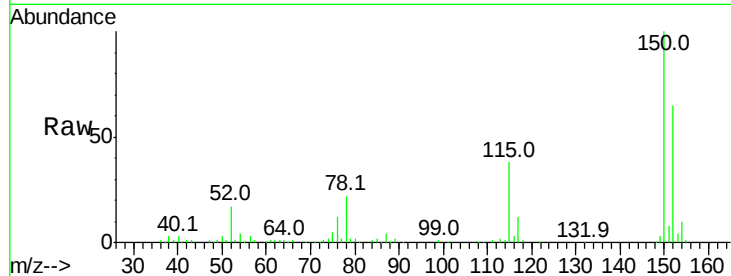
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094699.D
Acq: 28 Apr 2017 22:20

Instrument :
BNA_F
ClientSampleId :
SB-05-6.0-7.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	58.9	52.2	78.2

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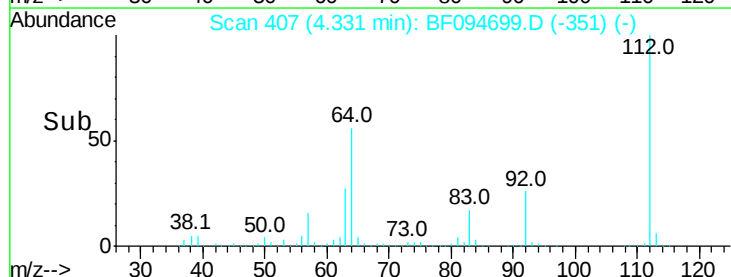
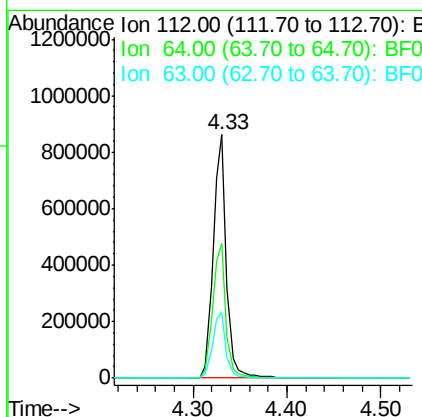
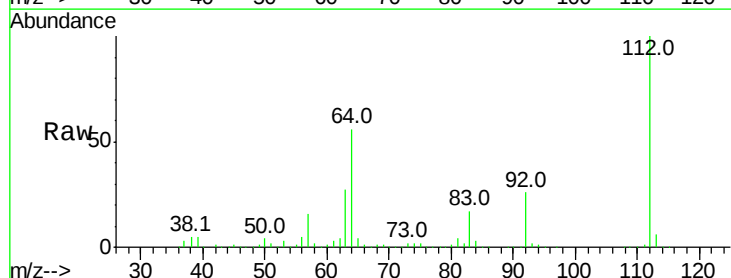
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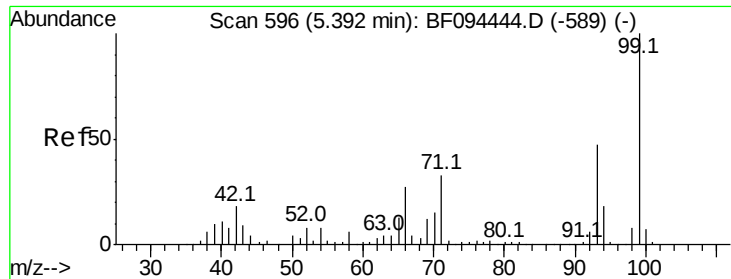


#5

2-Fluorophenol
Concen: 130.18 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094699.D
Acq: 28 Apr 2017 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 136.82 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094699.D

Acq: 28 Apr 2017 22:20

Instrument :

BNA_F

ClientSampleId :

SB-05-6.0-7.0

Tot Ion: 99 Resp: 1061527

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

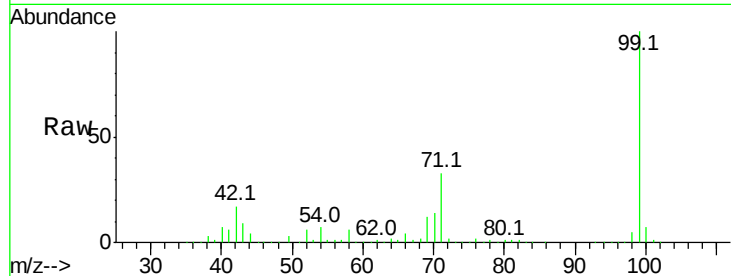
71 33.4 24.5 36.7

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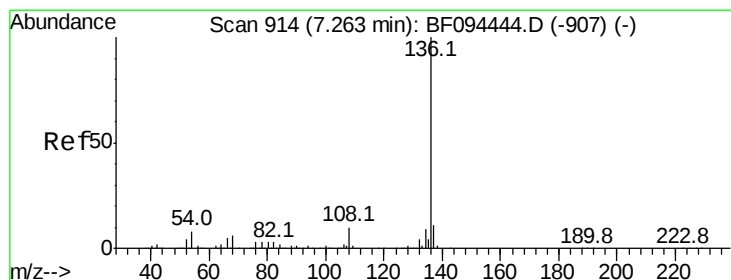
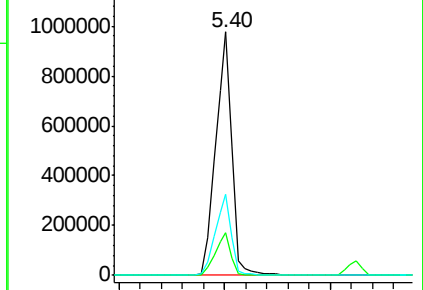
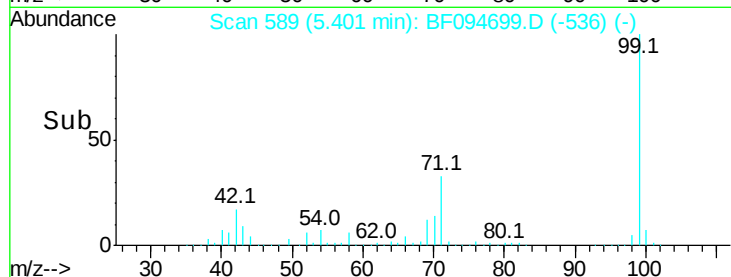
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094699.D

Acq: 28 Apr 2017 22:20

Tgt Ion: 136 Resp: 422625

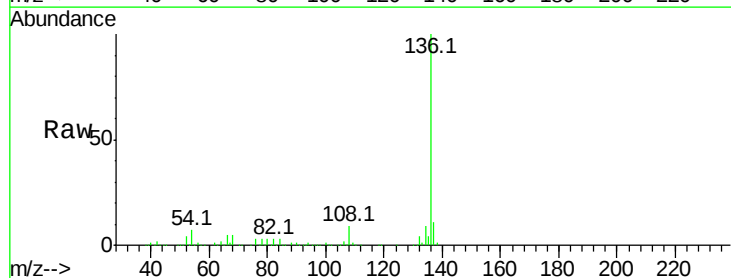
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 5.4 4.1 6.1

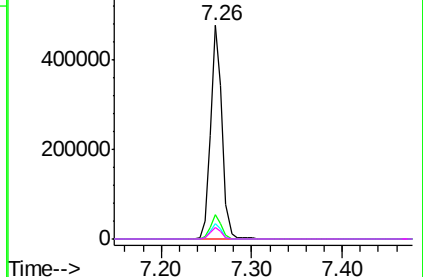
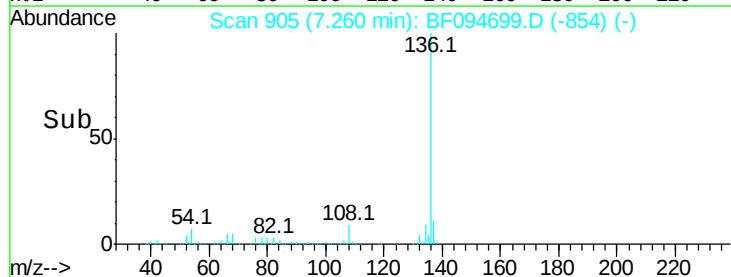


Abundance Ion 136.00 (135.70 to 136.70): E

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





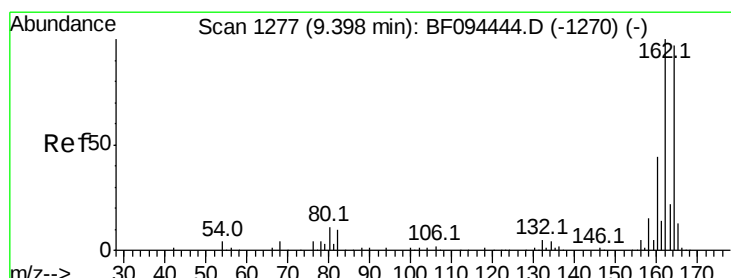
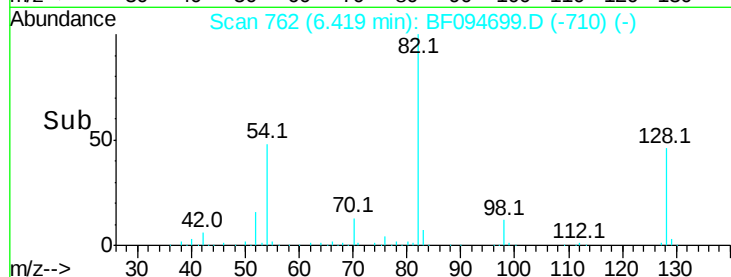
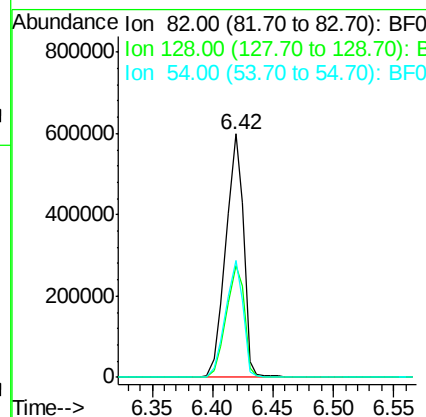
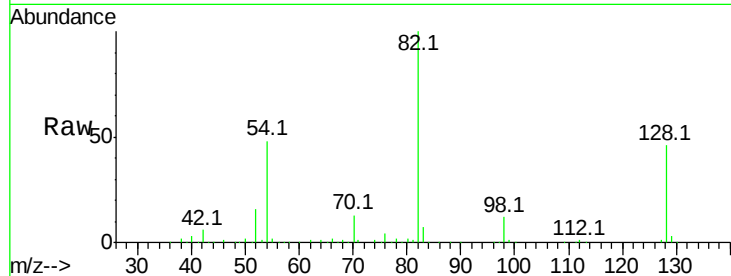
#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094699.D
 Acq: 28 Apr 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-6.0-7.0

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.0	51.0	
54	47.8	42.2	63.2	

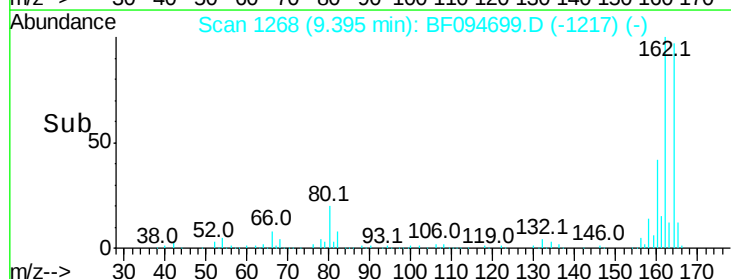
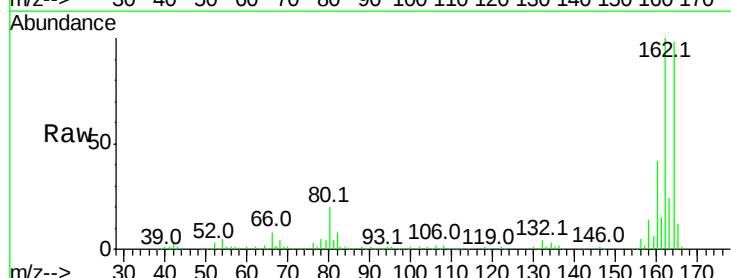
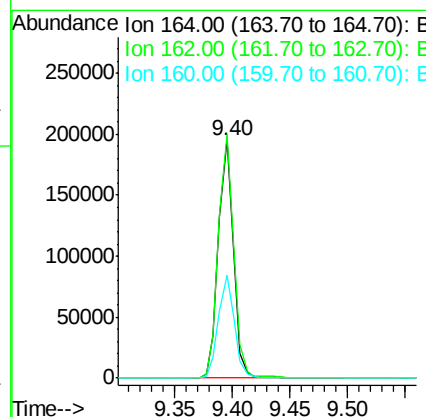
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094699.D
 Acq: 28 Apr 2017 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.6	123.8	
160	43.3	36.2	54.2	





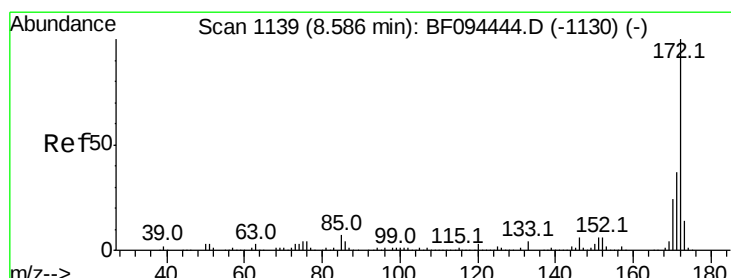
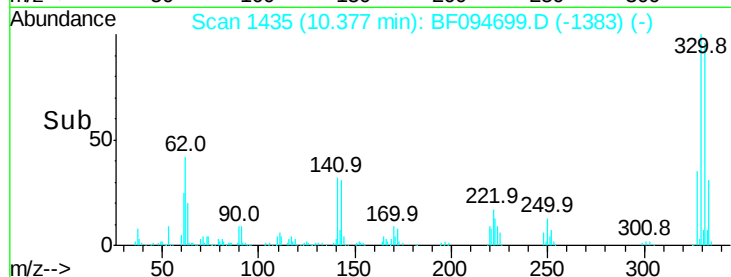
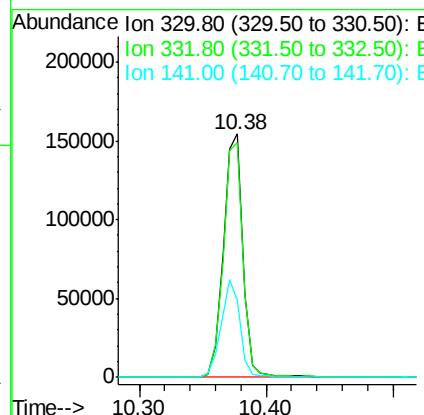
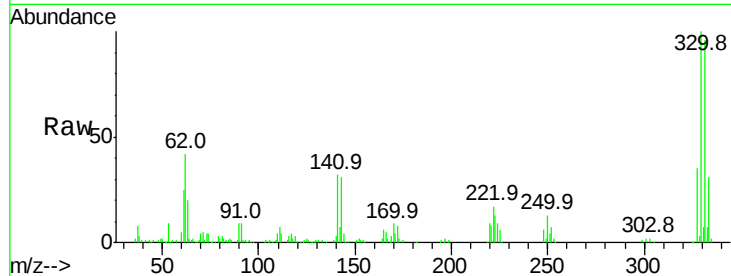
#41
 2,4,6-Tribromophenol
 Concen: 118.63 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094699.D
 Acq: 28 Apr 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-6.0-7.0

Tot Ion	Ratio	Resp	Lower	Upper
330	100	166411		
332	96.9	76.6	115.0	
141	39.9	31.4	47.2	

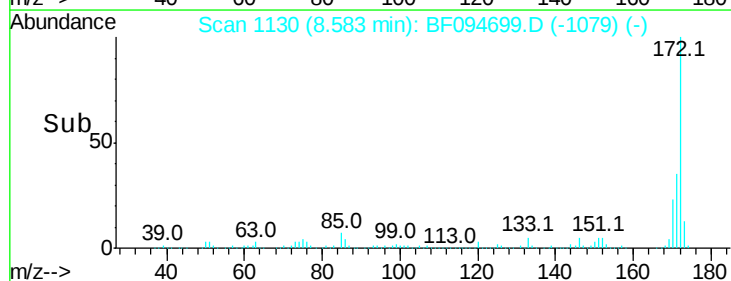
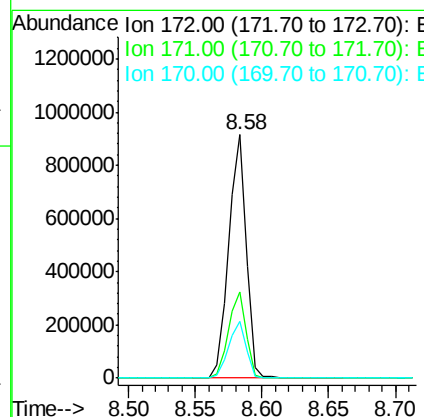
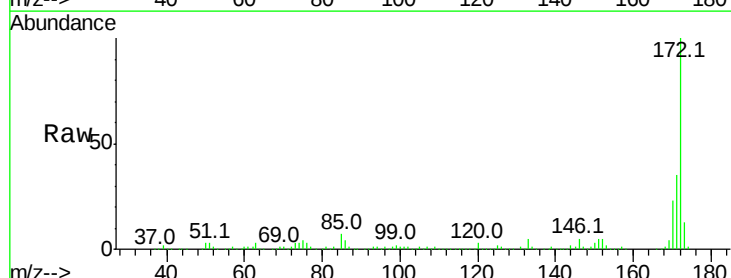
Manual Integrations
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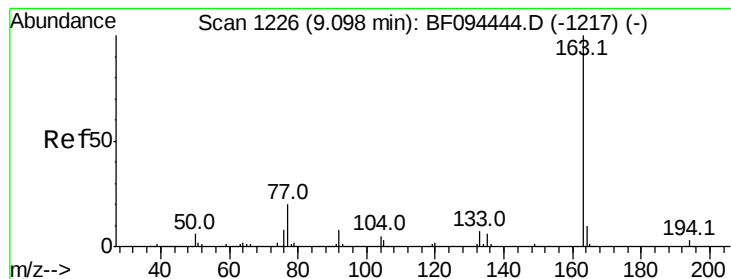
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#44
 2-Fluorobiphenyl
 Concen: 70.39 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094699.D
 Acq: 28 Apr 2017 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	857982		
171	35.5	29.6	44.4	
170	23.4	19.8	29.8	





#49

Dimethylphthalate

Concen: 8.39 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094699.D

Acq: 28 Apr 2017 22:20

Instrument :

BNA_F

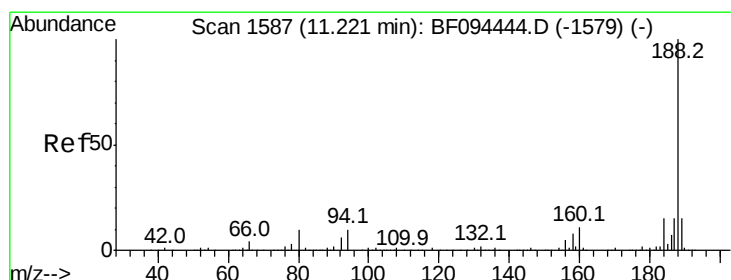
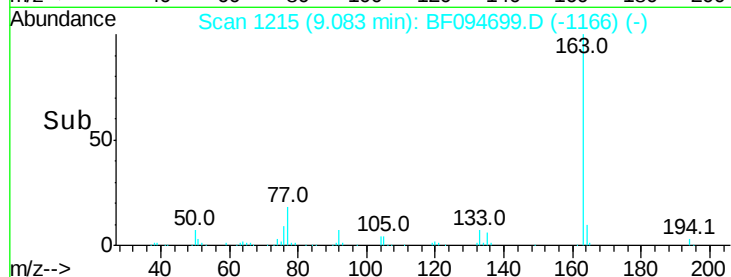
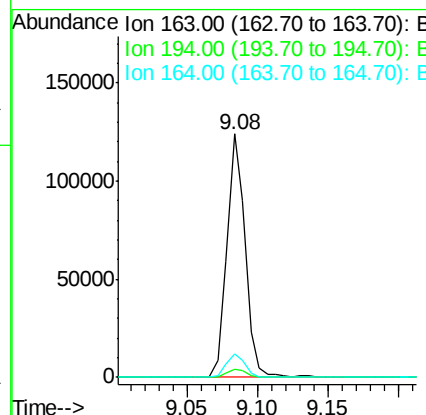
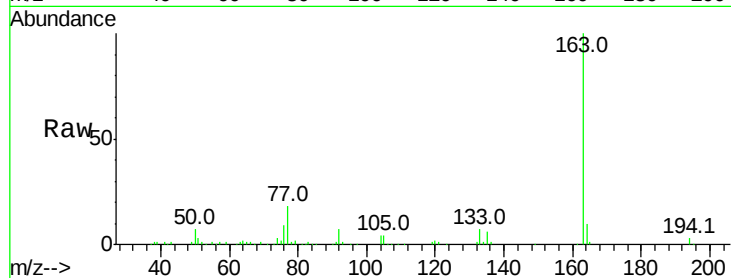
ClientSampleId :

SB-05-6.0-7.0

Tot Ion:	163	Resp:	112117
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	9.9	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

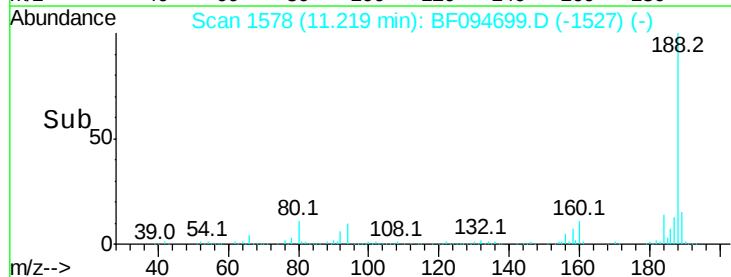
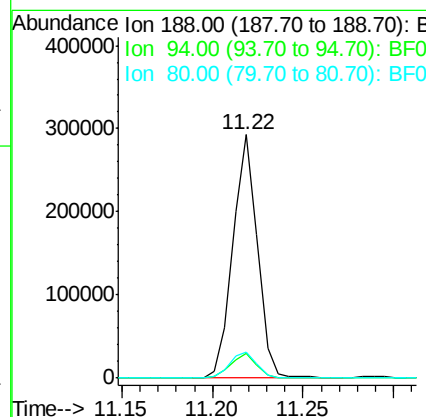
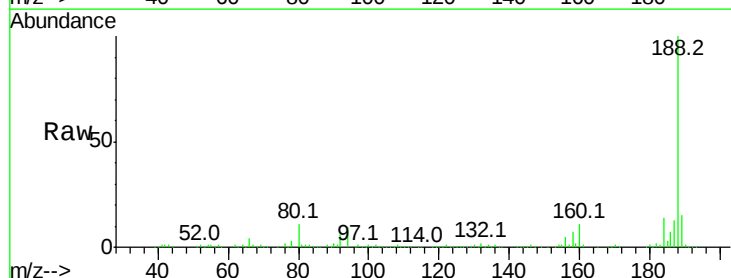
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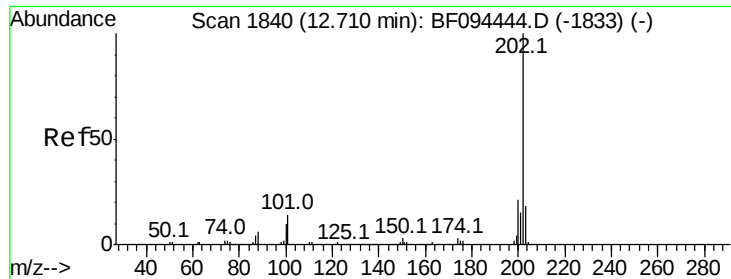
Delta R.T. -0.00 min

Lab File: BF094699.D

Acq: 28 Apr 2017 22:20

Tgt Ion:	188	Resp:	277114
Ion Ratio	Lower	Upper	
188	100		
94	10.0	9.4	14.2
80	10.8	10.2	15.2





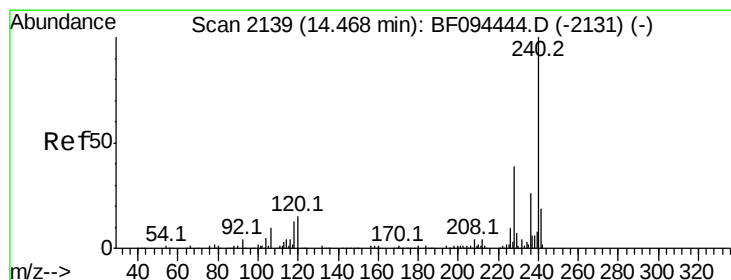
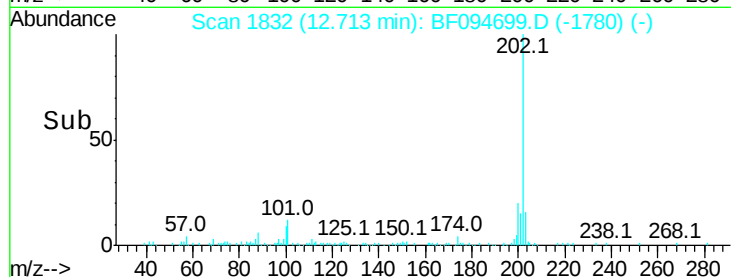
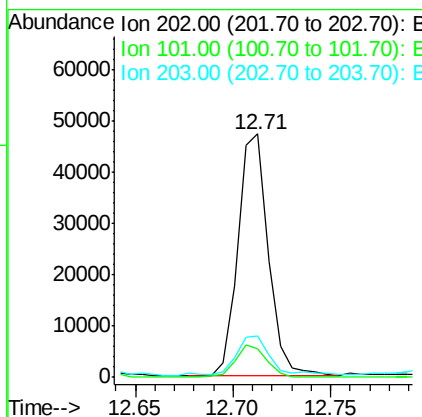
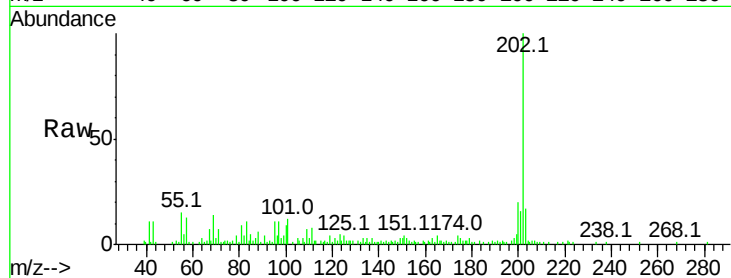
#74
 Fluoranthene
 Concen: 3.12 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF094699.D
 Acq: 28 Apr 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-6.0-7.0

Tot Ion:	202	Resp:	50436
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.2
203	17.0	0.0	38.1

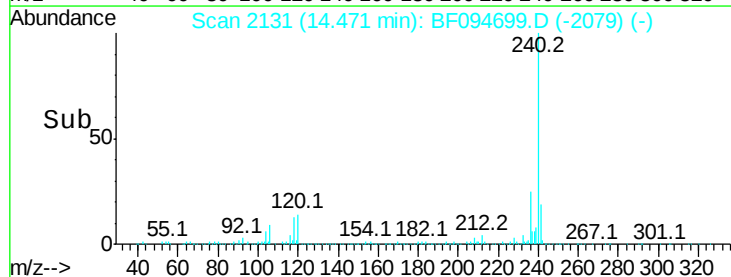
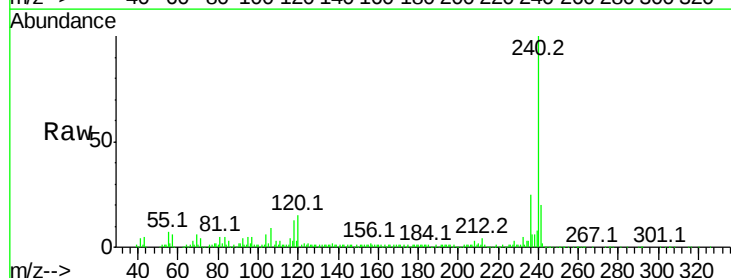
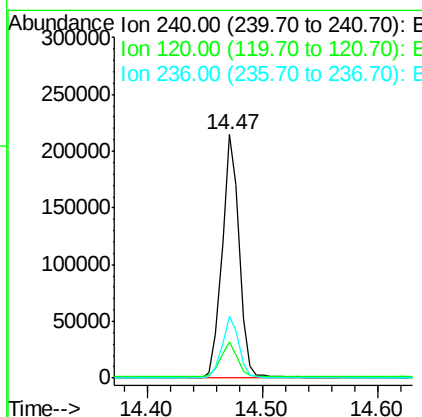
Manual Integrations
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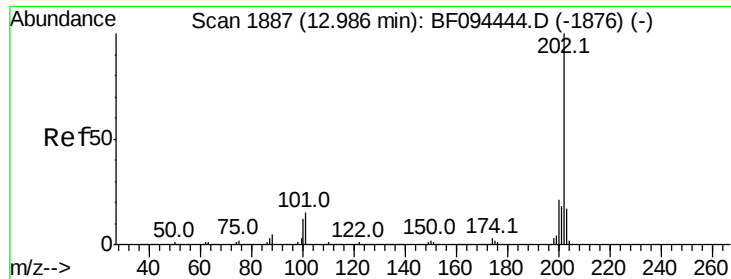
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094699.D
 Acq: 28 Apr 2017 22:20

Tgt Ion:	240	Resp:	221612
Ion Ratio	Lower	Upper	
240	100		
120	14.8	5.8	8.8#
236	25.3	20.5	30.7





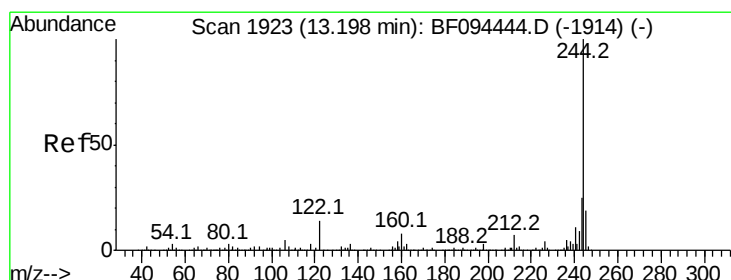
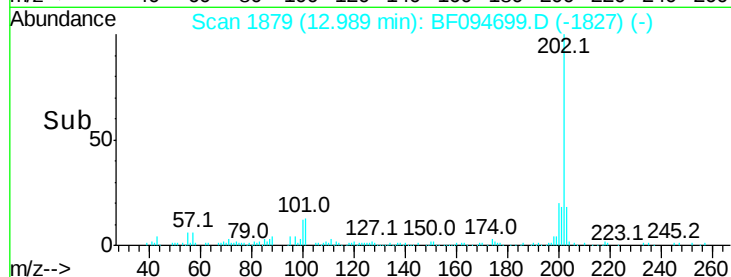
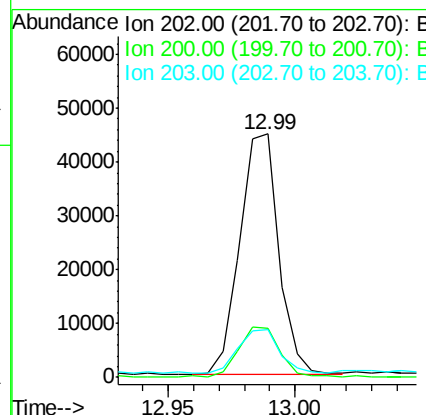
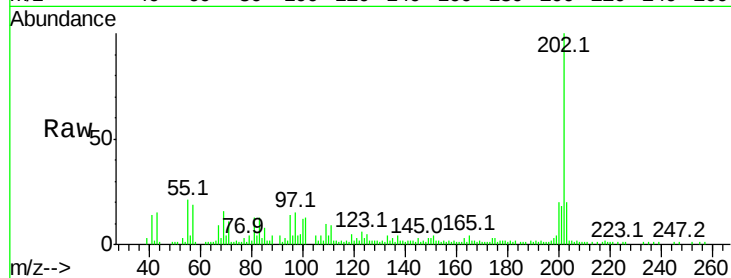
#77
Pvrene
Concen: 3.08 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094699.D
Acq: 28 Apr 2017 22:20

Instrument :
BNA_F
ClientSampleId :
SB-05-6.0-7.0

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.5	14.4	21.6

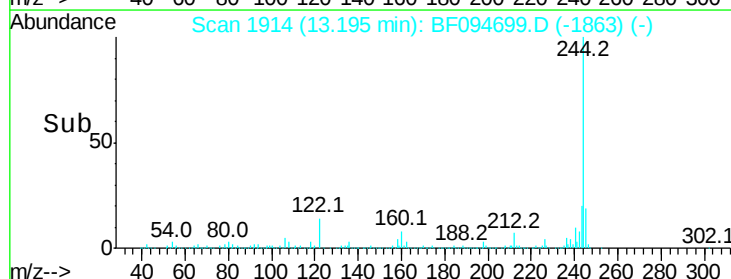
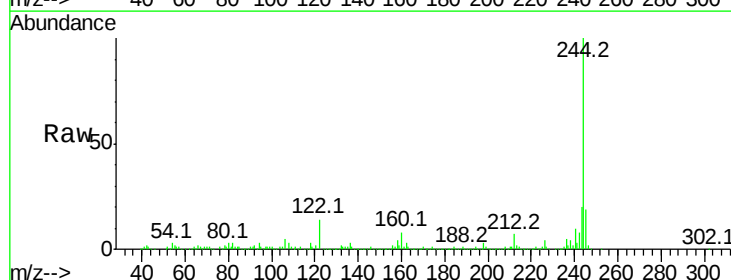
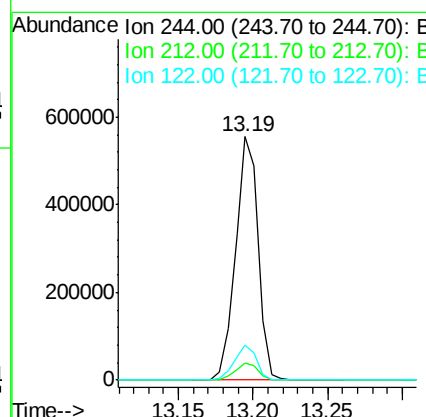
Manual Integrations
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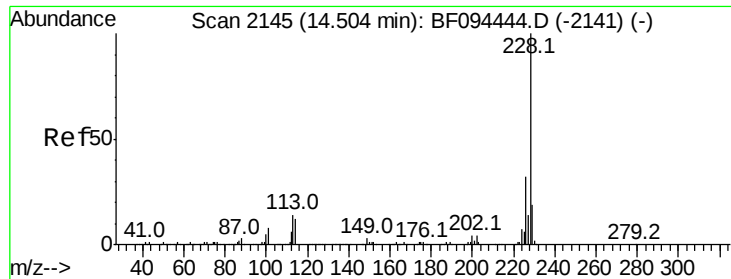
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#78
Terphenyl-d14
Concen: 71.40 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094699.D
Acq: 28 Apr 2017 22:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.5	10.3	15.5





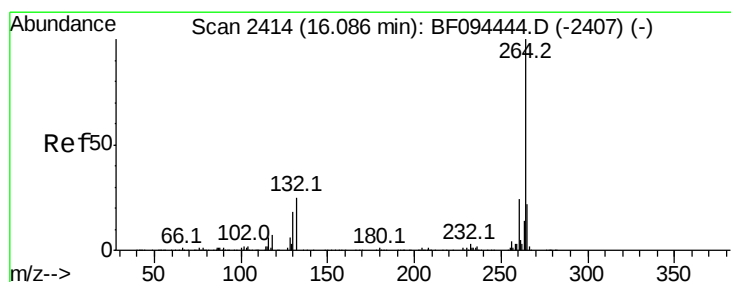
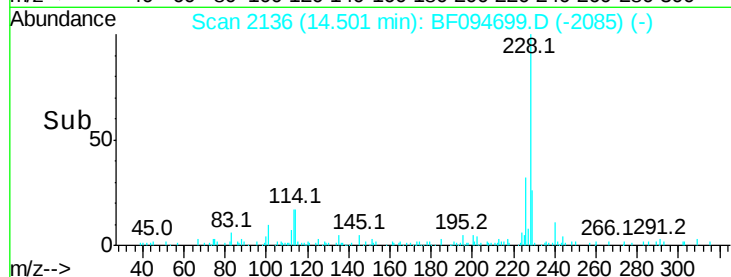
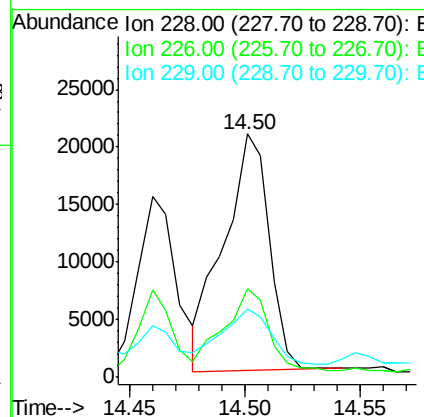
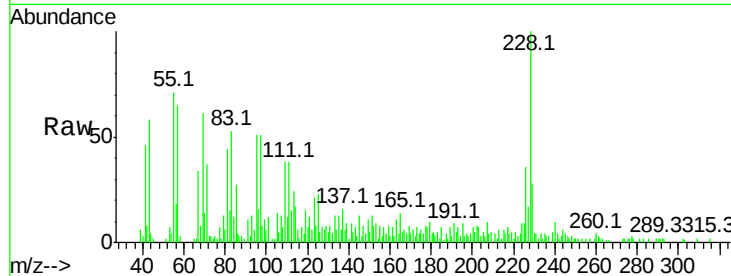
#82
Chrysene
Concen: 2.41 ng
RT: 14.50 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF094699.D
Acq: 28 Apr 2017 22:20

Instrument :
BNA_F
ClientSampleId :
SB-05-6.0-7.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.9	37.3
229	27.8	15.8	23.6

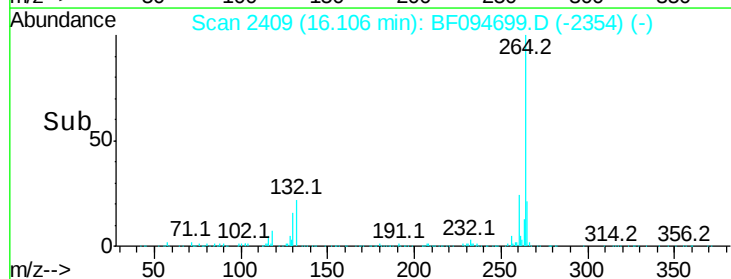
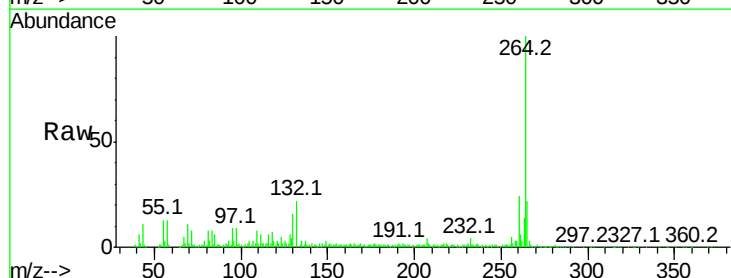
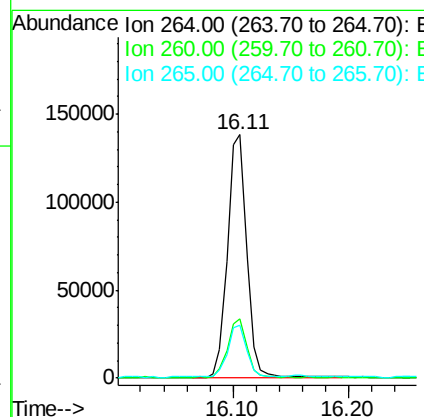
Manual Integrations
APPROVED

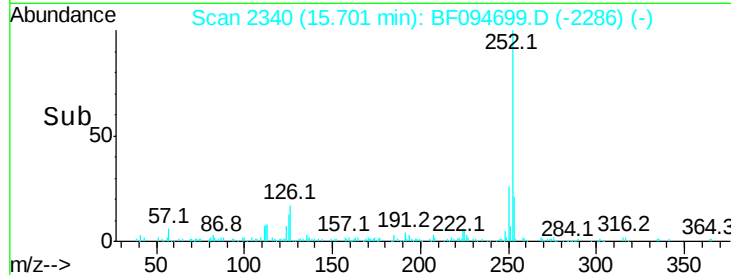
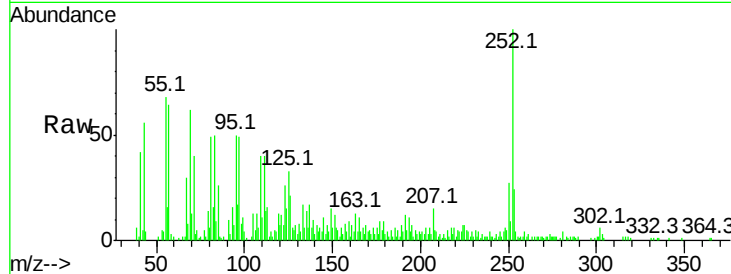
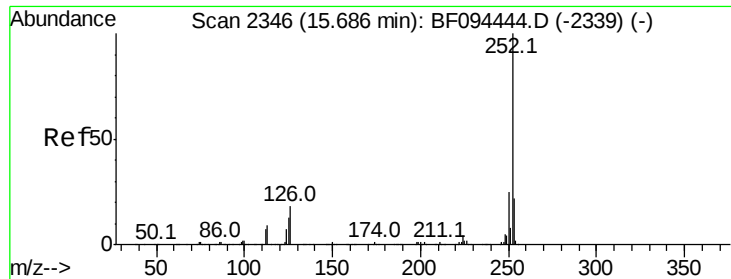
mohammad
5/1/2017 6:36:30 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 2409
Delta R.T. 0.02 min
Lab File: BF094699.D
Acq: 28 Apr 2017 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.58 ng m

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094699.D

Acq: 28 Apr 2017 22:20

Instrument :
BNA_F
ClientSampleId :
SB-05-6.0-7.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	33.1	9.8	14.8

Manual Integrations
APPROVED

mohammad
5/1/2017 6:36:30 PM

