

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084725.D
 Acq On : 1 Feb 2016 22:41
 Operator : SJ/IZ
 Sample : H1256-14DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9036DL

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:18:19 PM

Quant Time: Feb 02 04:51:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165056	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	701193	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	320299	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	652714	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	545134	20.00	ng	-0.01
86) Perylene-d12	15.24	264	396540	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	354184	33.42	ng	-0.01
7) Phenol-d6	6.35	99	432707	32.94	ng	-0.02
23) Nitrobenzene-d5	7.28	82	269932	21.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	115160	34.47	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	494091	19.99	ng	-0.02
78) Terphenyl-d14	12.81	244	520007	21.62	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.83	42	201055	32.14	ng	80
11) bis(2-Chloroethyl)ether	6.44	93	243839	21.25	ng	# 79
12) 1,3-Dichlorobenzene	6.65	146	282245	22.27	ng	# 96
13) 1,4-Dichlorobenzene	6.73	146	401285	31.68	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	616986	31.96	ng	86
18) Hexachloroethane	7.22	117	105137	21.55	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	190978	23.19	ng	# 77
24) Nitrobenzene	7.30	77	487073	36.54	ng	96
25) Isophorone	7.54	82	402850	16.64	ng	95
31) Naphthalene	8.02	128	769460	21.88	ng	99
34) Hexachlorobutadiene	8.14	225	140576	22.06	ng	99
37) 2-Methylnaphthalene	8.70	142	133413	6.06	ng	97
40) Hexachlorocyclopentadiene	8.86	237	116037	34.21	ng	99
46) 2-Chloronaphthalene	9.20	162	382803	18.17	ng	93
48) Acenaphthylene	9.61	152	625135	19.55	ng	98
49) Dimethylphthalate	9.48	163	939482	38.51	ng	# 91
50) 2,6-Dinitrotoluene	9.54	165	67714	12.71	ng	# 71
57) Fluorene	10.29	166	765253	36.05	ng	100
59) Diethylphthalate	10.18	149	1001904	42.06	ng	98
66) 4-Bromophenyl-phenylether	10.78	248	239905	33.28	ng	93
67) Hexachlorobenzene	10.84	284	122301	15.57	ng	97
70) Phenanthrene	11.25	178	450049	12.43	ng	99
71) Anthracene	11.30	178	235236	6.45	ng	99
73) Di-n-butylphthalate	11.80	149	373816	9.23	ng	99
74) Fluoranthene	12.43	202	573811	15.66	ng	99
77) Pyrene	12.66	202	537688	12.88	ng	99
82) Chrysene	13.88	228	524970	16.00	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	189142	8.03	ng	# 94
84) Di-n-octyl phthalate	14.47	149	1262634	32.48	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.53	276	340352	13.18	ng	# 93
87) Benzo(b)fluoranthene	14.85	252	345170m	12.96	ng	
88) Benzo(k)fluoranthene	14.88	252	314465m	14.27	ng	
91) Benzo(a,h,i)perylene	16.93	276	686384	35.66	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084725.D
Acq On : 1 Feb 2016 22:41
Operator : SJ/IZ
Sample : H1256-14DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
9036DL

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM

Quant Time: Feb 02 04:51:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

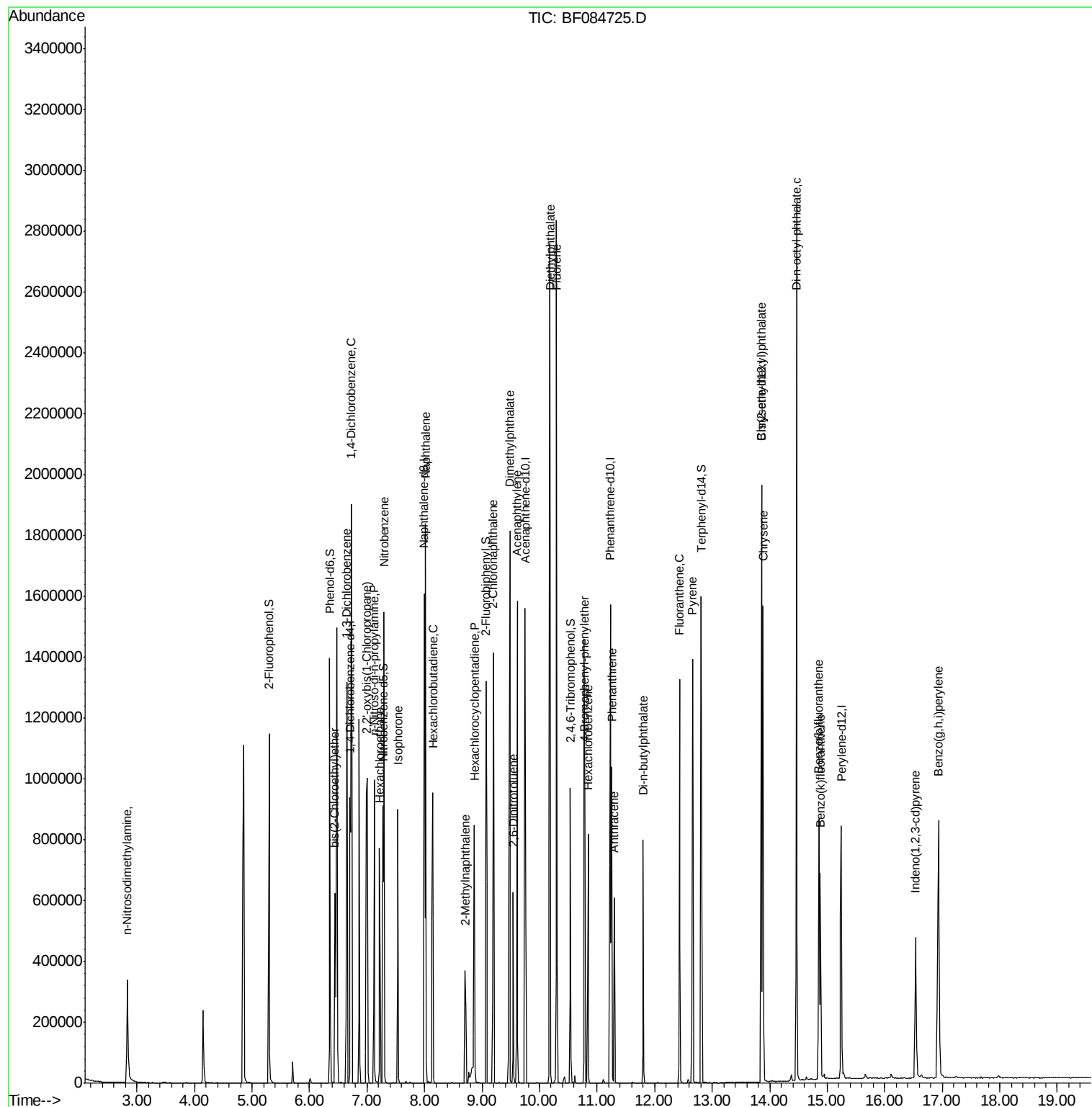
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084725.D
Acq On : 1 Feb 2016 22:41
Operator : SJ/IZ
Sample : H1256-14DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

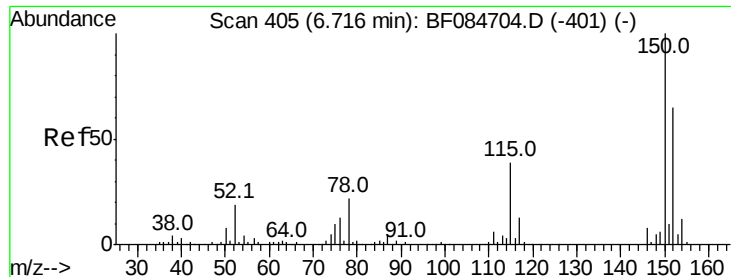
Instrument :
BNA_F
ClientSampled :
9036DL

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM

Quant Time: Feb 02 04:51:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

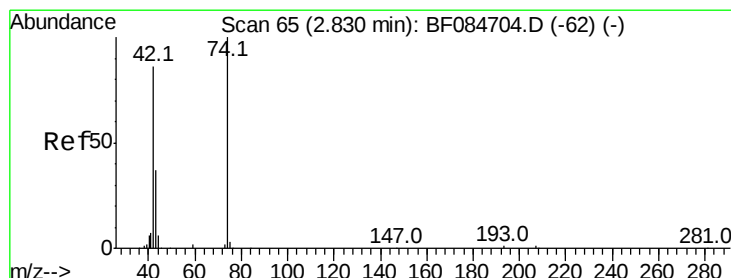
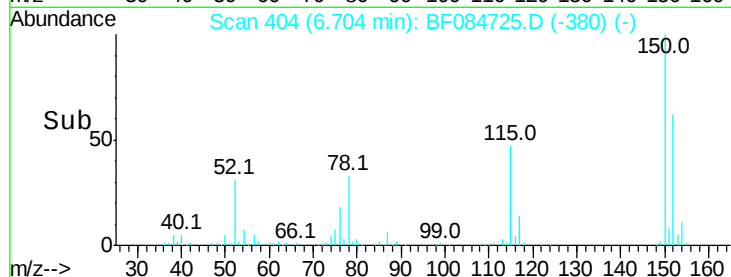
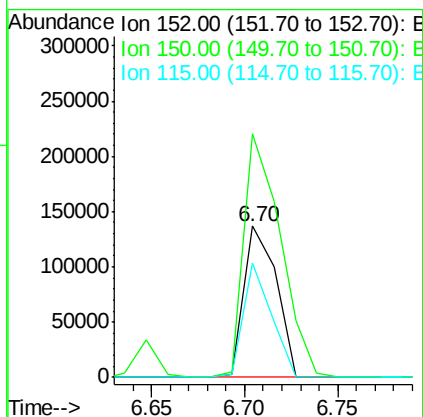
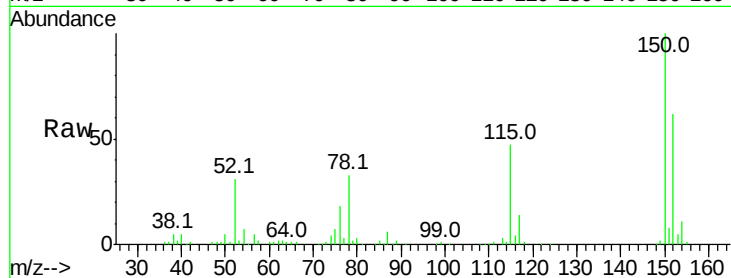
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampled :
9036DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.0	184.4
115	75.9	51.4	77.2

Manual Integrations
APPROVED

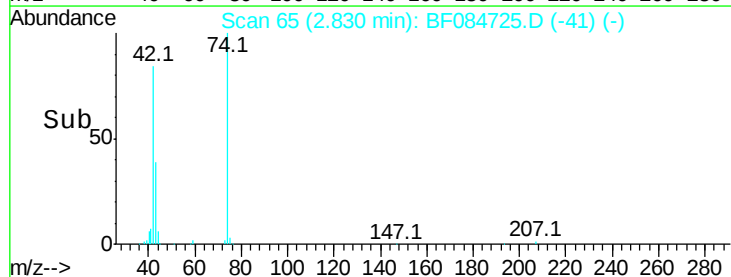
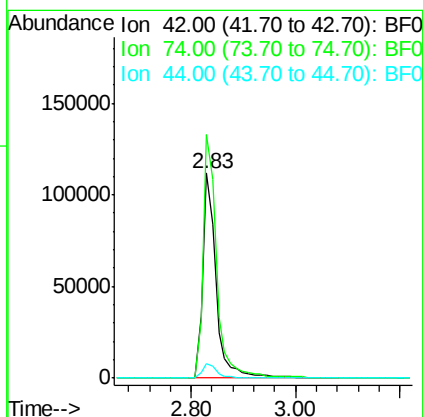
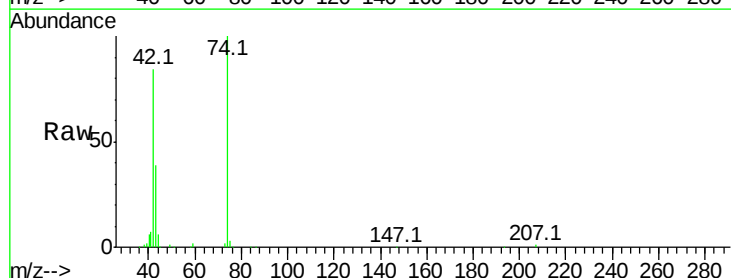
mohammad
2/2/2016 4:18:19 PM

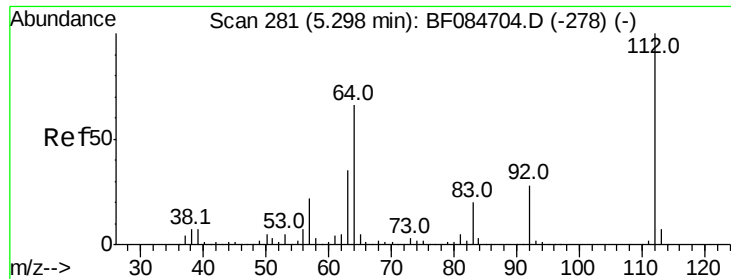


#4

n-Nitrosodimethylamine
Concen: 32.14 ng
RT: 2.83 min Scan# 65
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.9	115.7	173.5
44	7.4	5.1	7.7





#5

2-Fluorophenol

Concen: 33.42 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

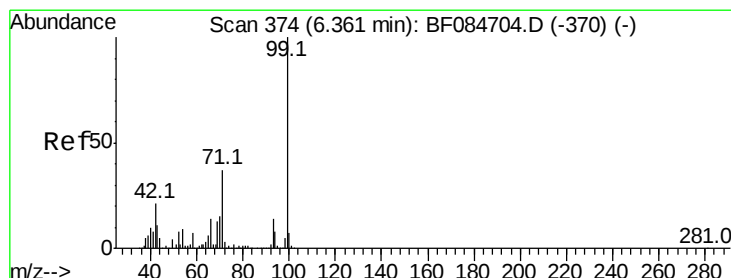
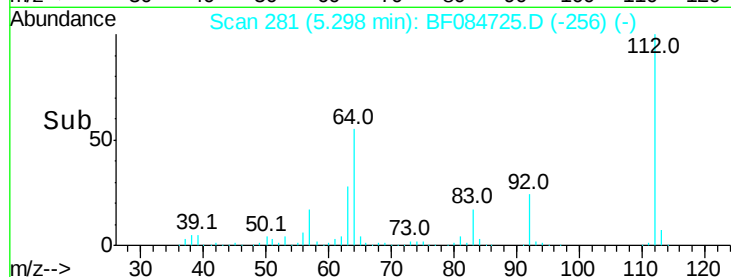
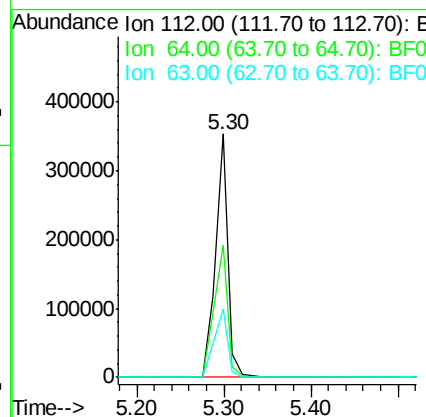
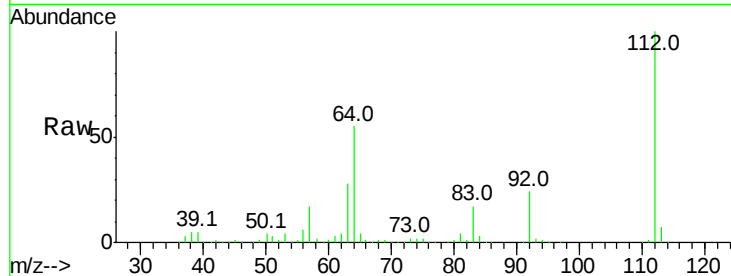
ClientSampled :

9036DL

Tot Ion:	112	Resp:	354184
Ion Ratio	Lower	Upper	
112	100		
64	54.6	36.6	55.0
63	28.2	19.4	29.0

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



#7

Phenol-d6

Concen: 32.94 ng

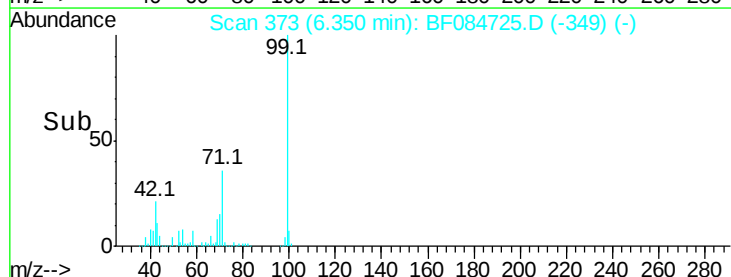
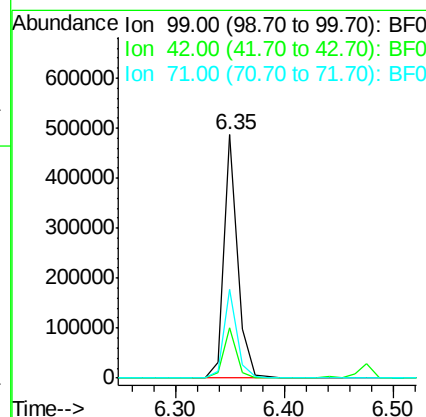
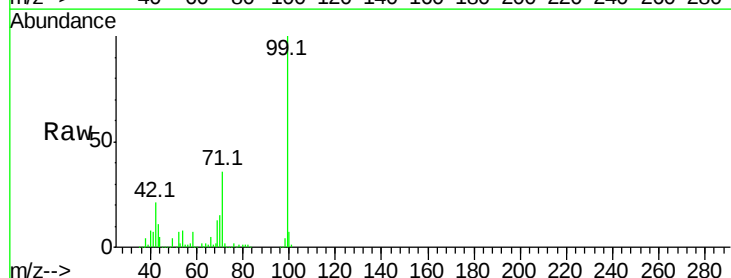
RT: 6.35 min Scan# 373

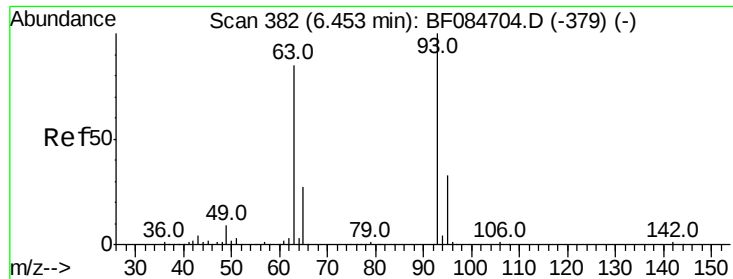
Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion:	99	Resp:	432707
Ion Ratio	Lower	Upper	
99	100		
42	20.8	12.8	19.2#
71	36.4	30.9	46.3





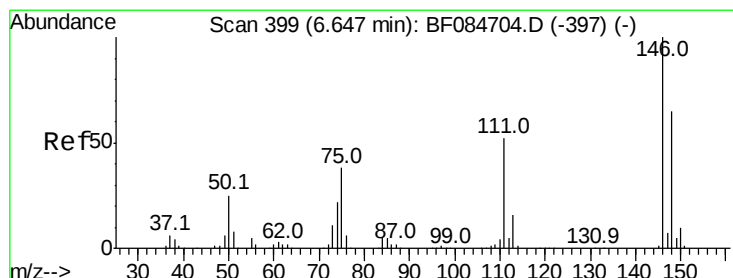
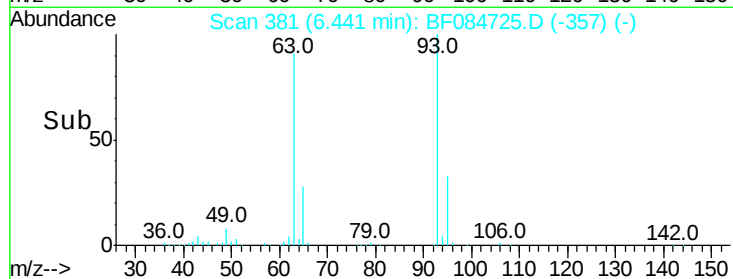
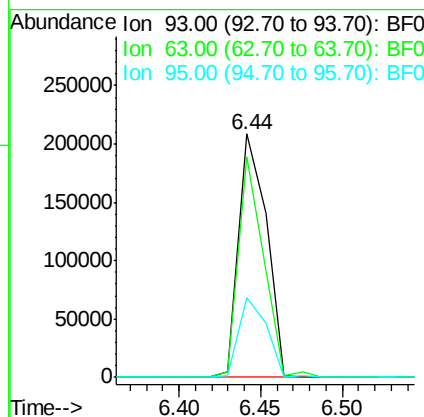
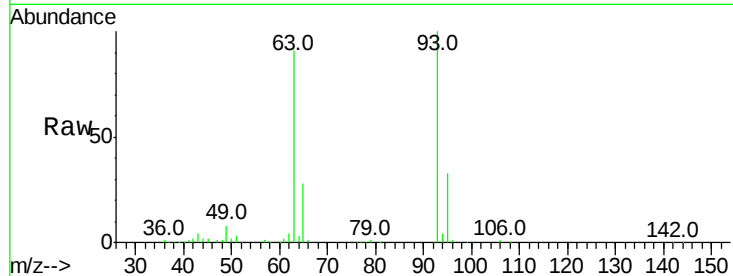
#11
bis(2-Chloroethyl)ether
Concen: 21.25 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	90.7	45.9	85.9#	
95	32.5	12.3	52.3	

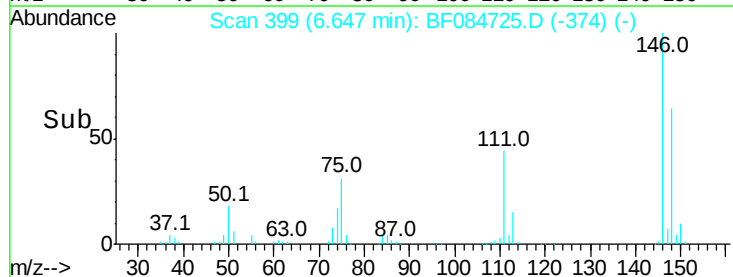
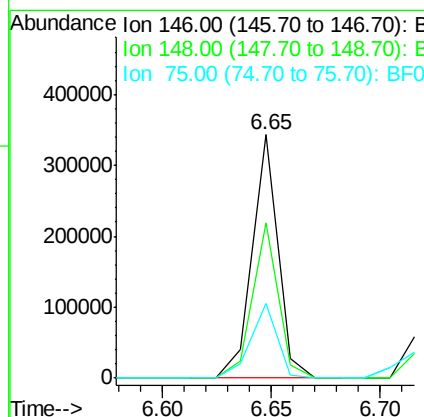
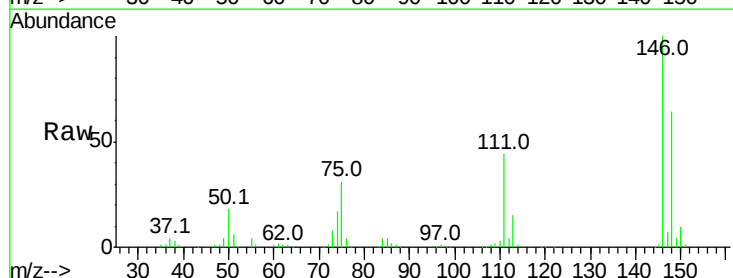
Manual Integrations
APPROVED

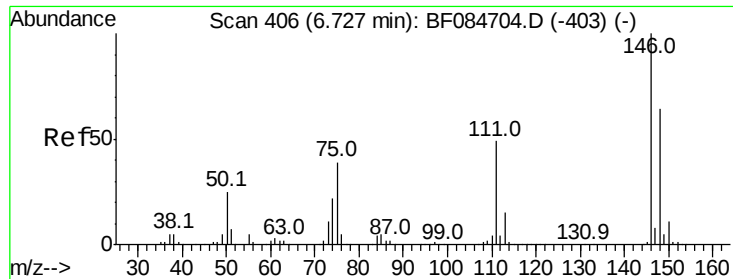
mohammad
2/2/2016 4:18:19 PM



#12
1,3-Dichlorobenzene
Concen: 22.27 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.8	51.9	77.9	
75	30.9	20.5	30.7#	





#13

1,4-Dichlorobenzene

Concen: 31.68 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

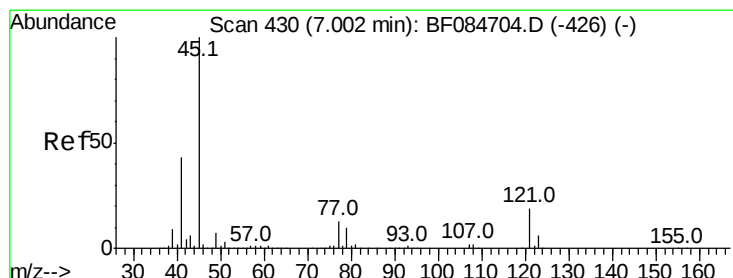
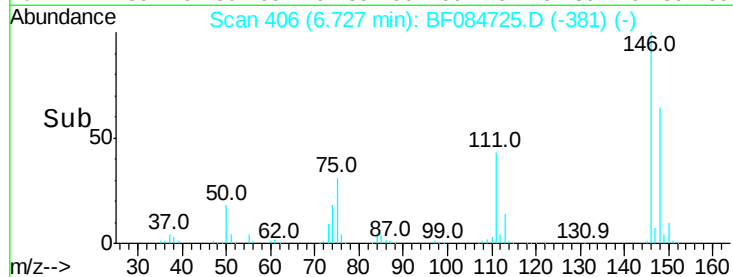
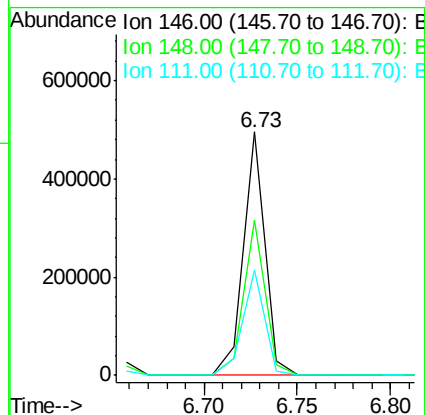
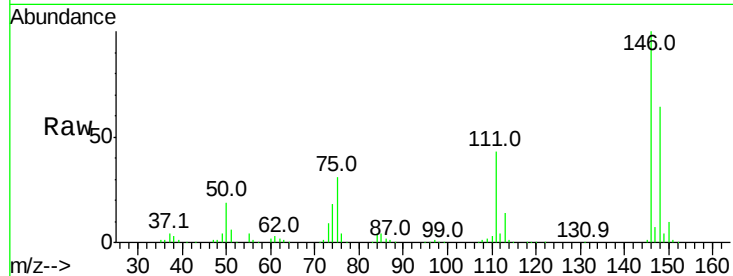
ClientSampleId :

9036DL

Tot Ion:	146	Resp:	401285
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.9	77.9
111	43.2	41.6	62.4

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.96 ng

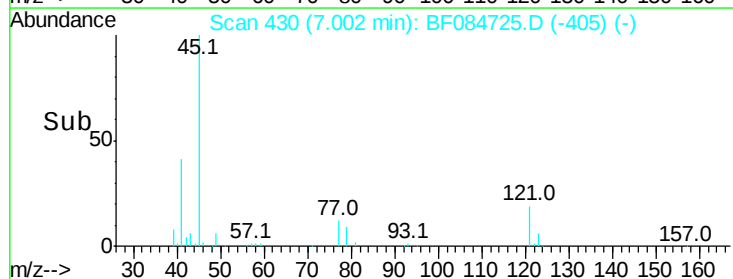
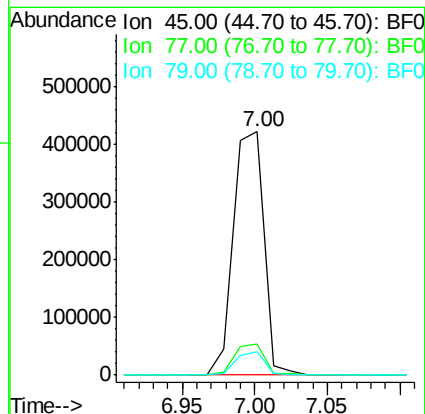
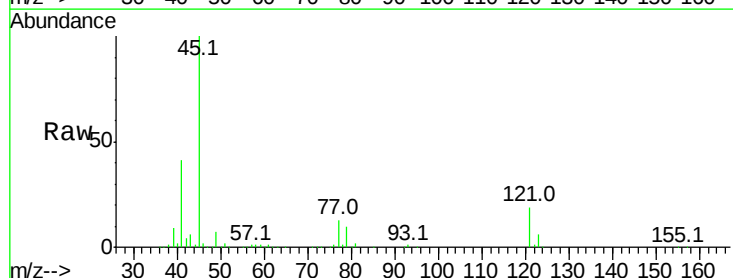
RT: 7.00 min Scan# 430

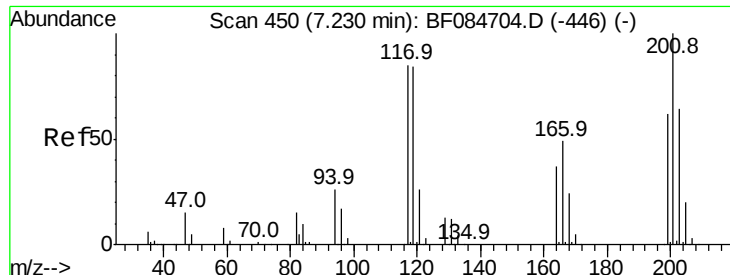
Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion:	45	Resp:	616986
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	39.6
79	9.6	0.0	35.0





#18

Hexachloroethane

Concen: 21.55 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

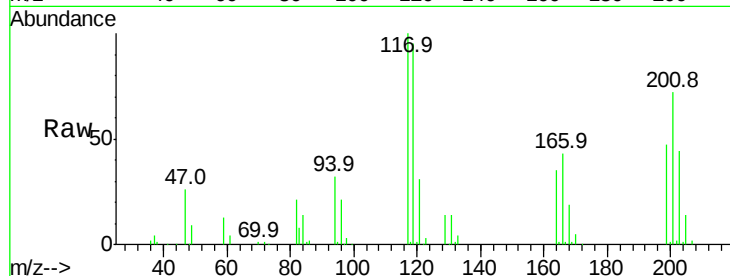
ClientSampleId :

9036DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	105137		
119	95.1	77.4	116.0	
201	72.4	68.6	103.0	

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM

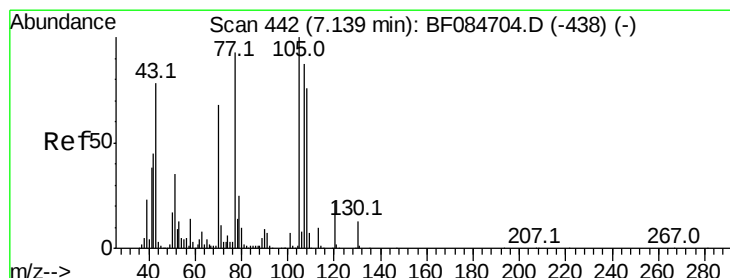
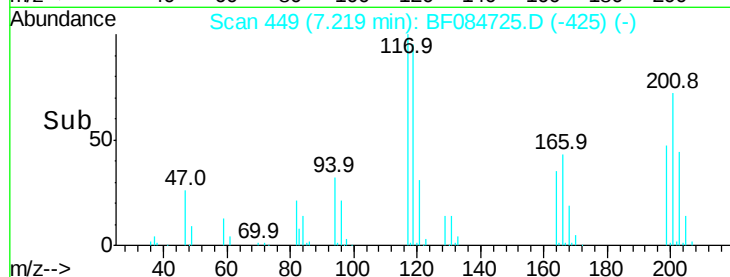
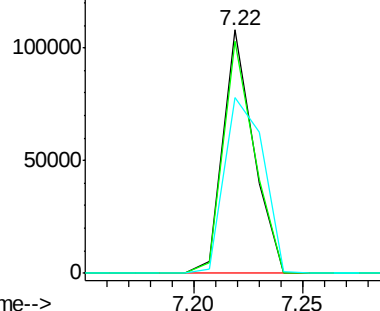


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 23.19 ng

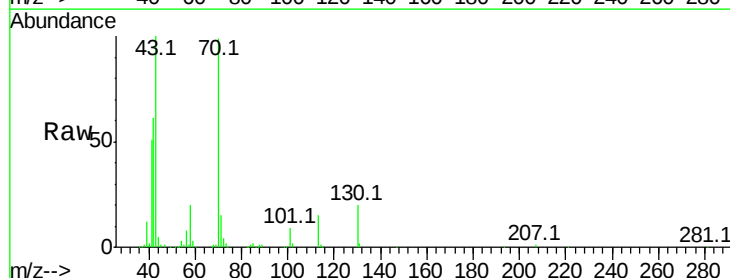
RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	190978		
42	61.6	33.3	49.9#	
101	9.3	9.3	13.9#	
130	20.0	23.4	35.0#	



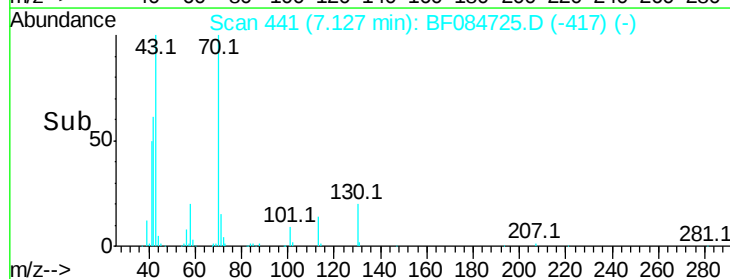
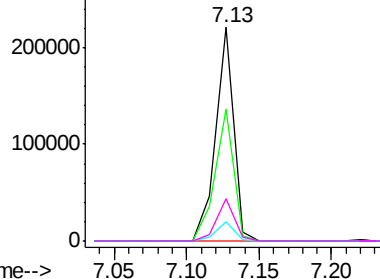
Abundance

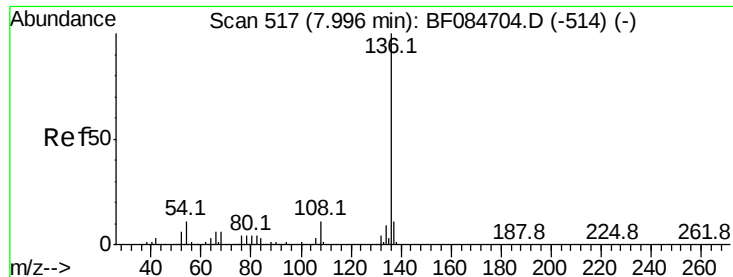
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

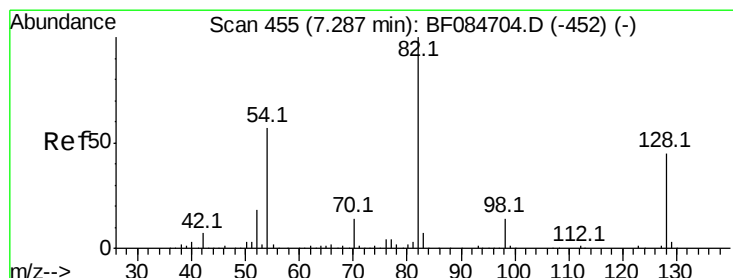
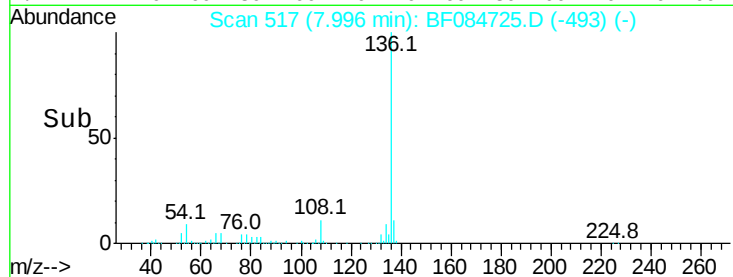
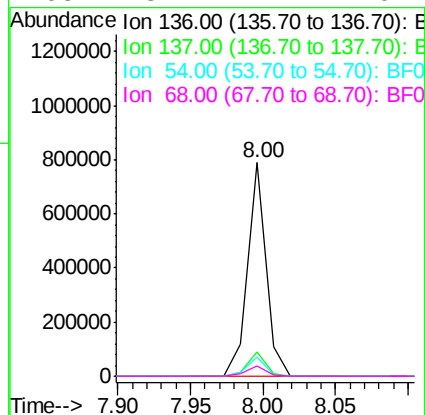
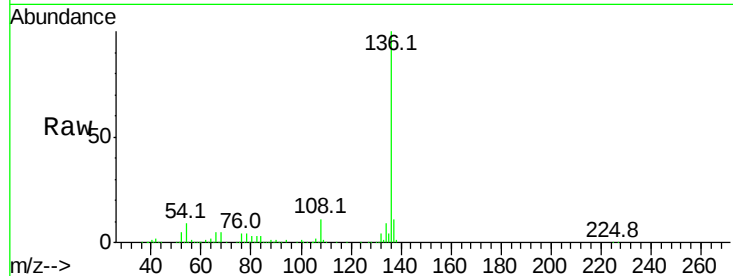
ClientSampleId :

9036DL

Tot Ion	Ion	Ratio	Resp Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	9.1	5.8	8.8	
68	5.1	4.2	6.2	

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



#23

Nitrobenzene-d5

Concen: 21.69 ng

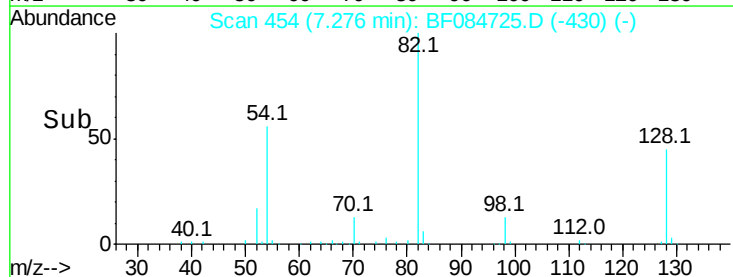
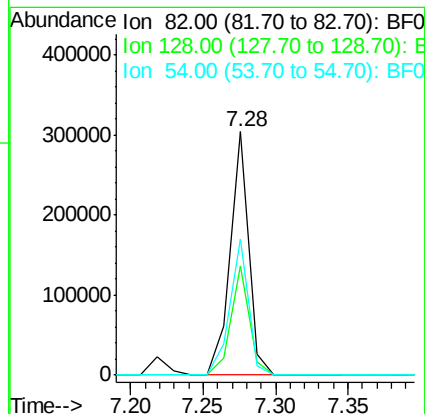
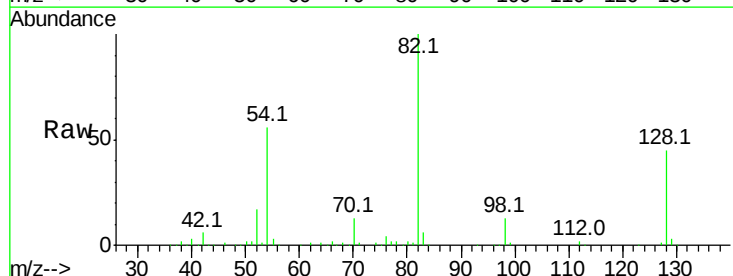
RT: 7.28 min Scan# 454

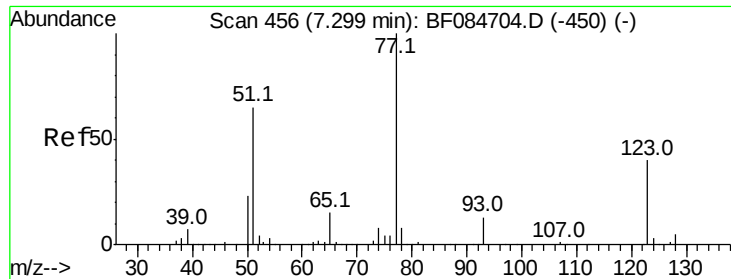
Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion	Ion	Ratio	Resp Lower	Upper
82	100			
128	45.0	34.6	51.8	
54	55.7	38.4	57.6	





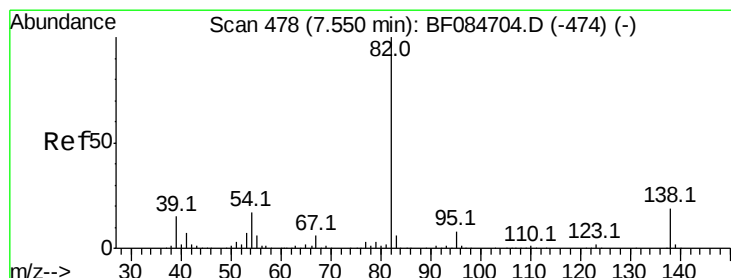
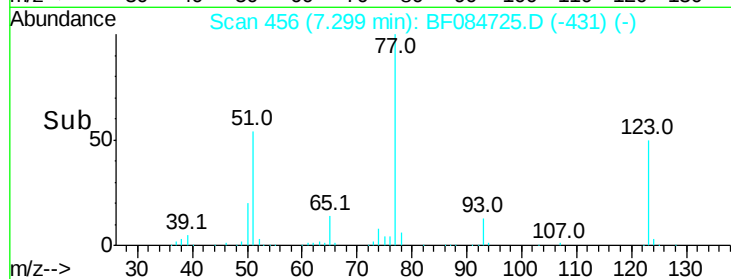
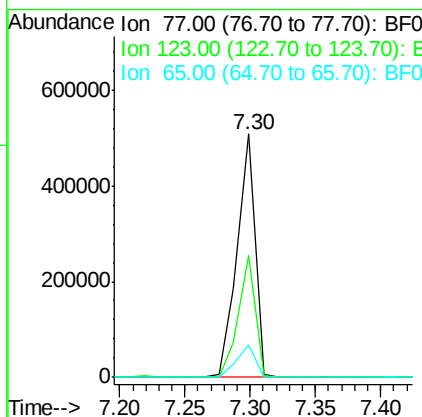
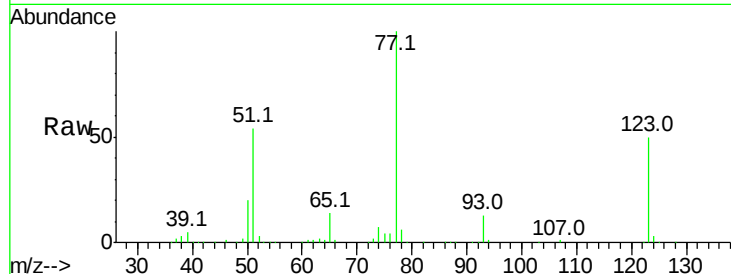
#24
 Nitrobenzene
 Concen: 36.54 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Instrument :
 BNA_F
 ClientSampleID :
 9036DL

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	37.4	56.2	
65	13.6	10.9	16.3	

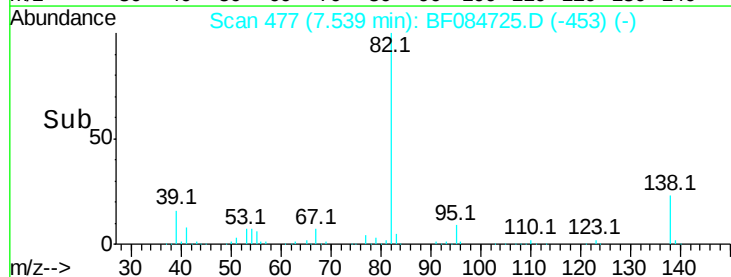
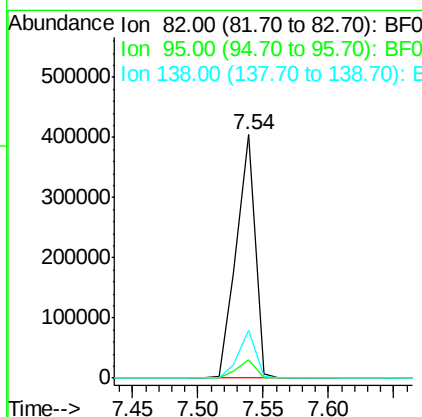
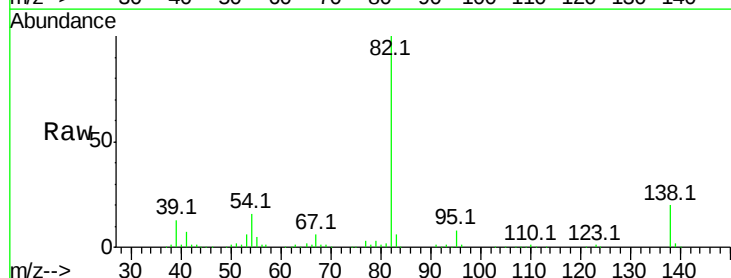
Manual Integrations
 APPROVED

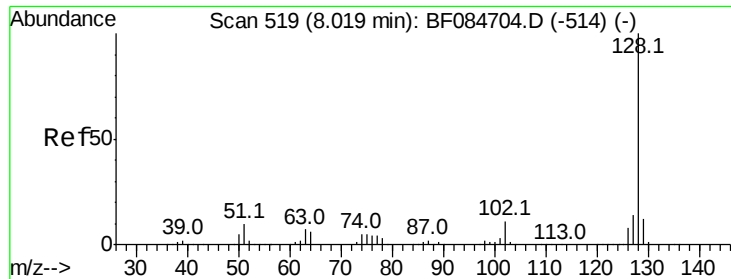
mohammad
 2/2/2016 4:18:19 PM



#25
 Isophorone
 Concen: 16.64 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	6.6	10.0	
138	19.8	13.6	20.4	





#31

Naphthalene

Concen: 21.88 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

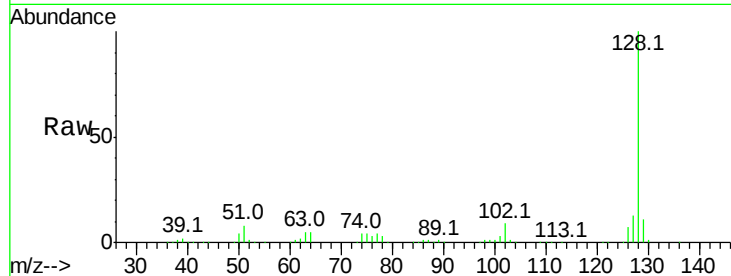
ClientSampleId :

9036DL

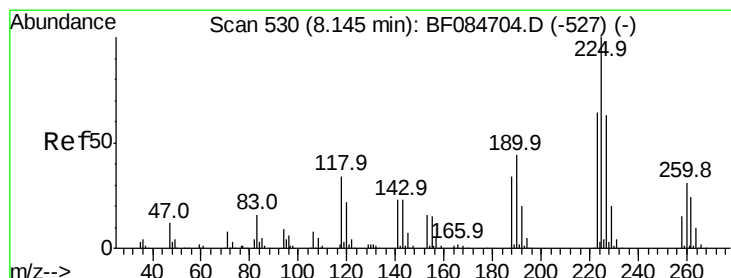
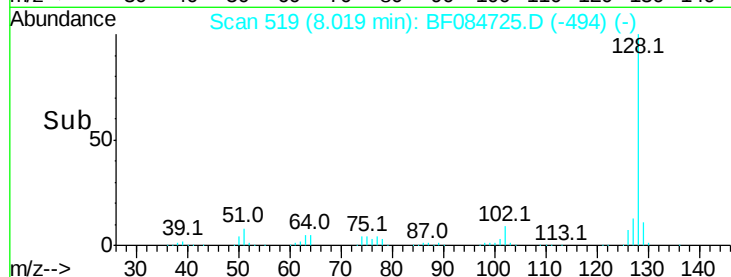
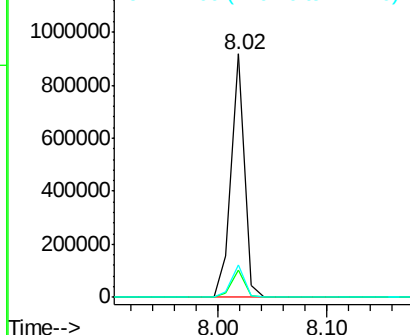
Tot Ion:	128	Resp:	769460
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.4	11.1	16.7

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

Hexachlorobutadiene

Concen: 22.06 ng

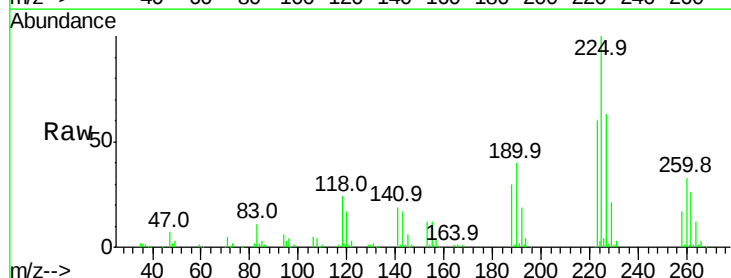
RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

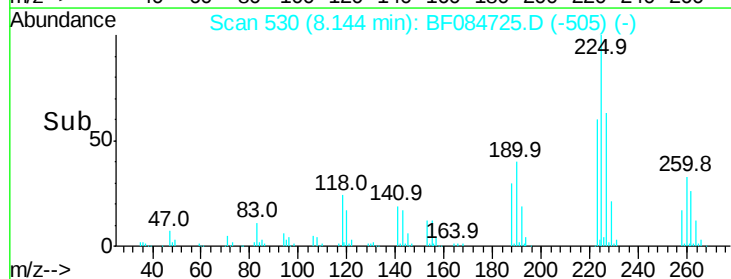
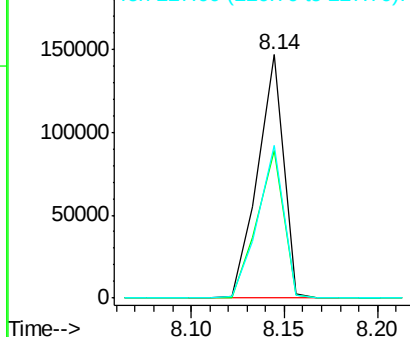
Lab File: BF084725.D

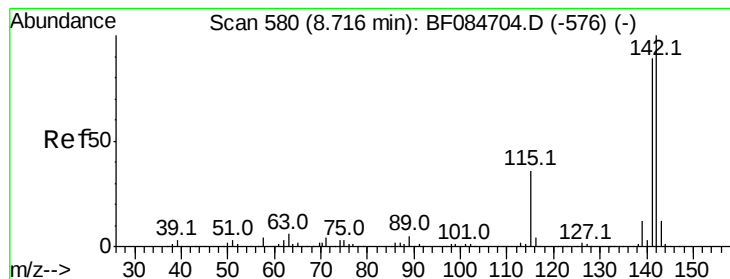
Acq: 1 Feb 2016 22:41

Tgt Ion:	225	Resp:	140576
Ion Ratio	Lower	Upper	
225	100		
223	60.4	49.4	74.0
227	62.6	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





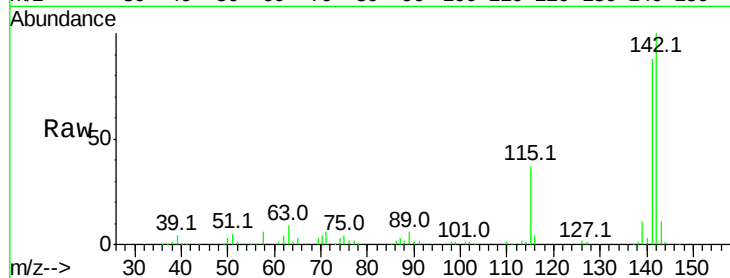
#37
2-Methylnaphthalene
Concen: 6.06 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	133413		
141	87.8	72.4	108.6	
115	36.7	27.9	41.9	

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM

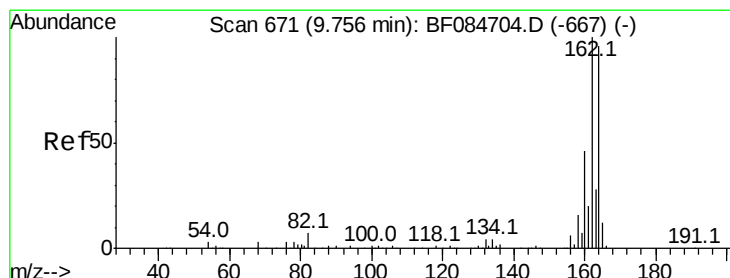
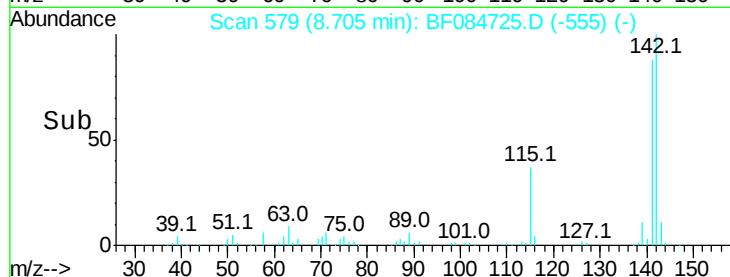
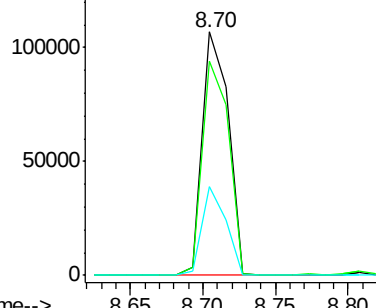


Abundance

Ion 142.00 (141.70 to 142.70): E

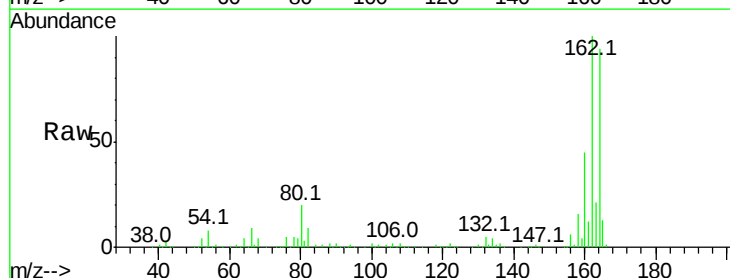
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	320299		
162	106.2	85.1	127.7	
160	47.7	37.5	56.3	

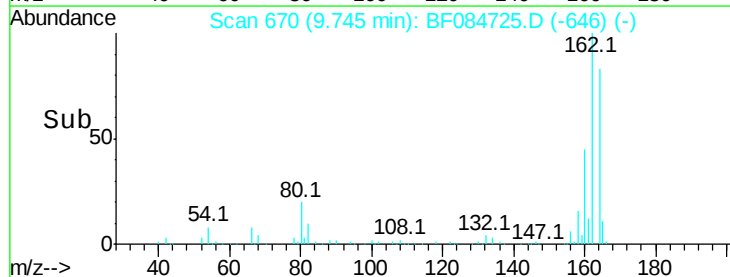
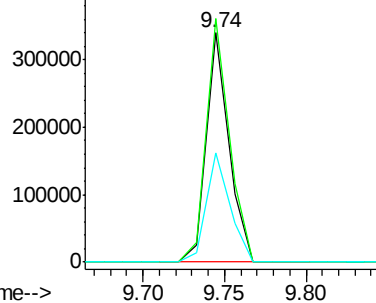


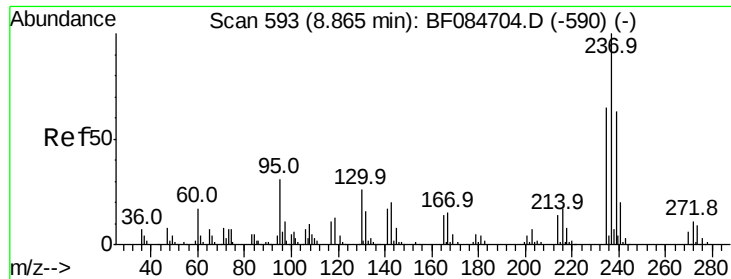
Abundance

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





#40

Hexachlorocyclopentadiene

Concen: 34.21 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

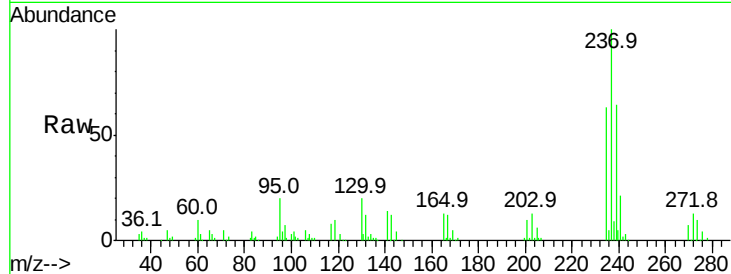
ClientSampleId :

9036DL

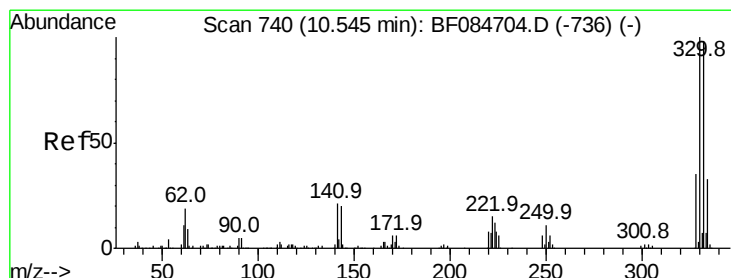
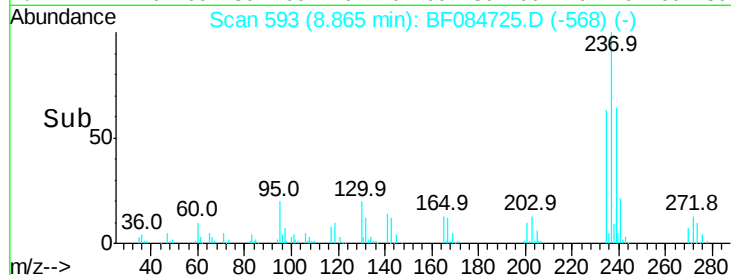
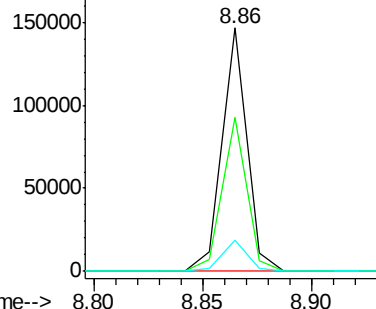
Tot Ion:	237	Resp:	116037
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.1	83.1
272	12.7	0.0	35.1

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 34.47 ng

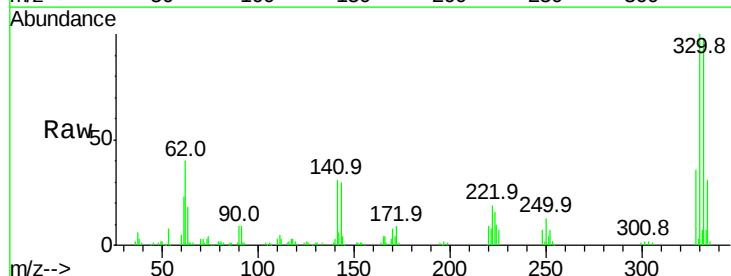
RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

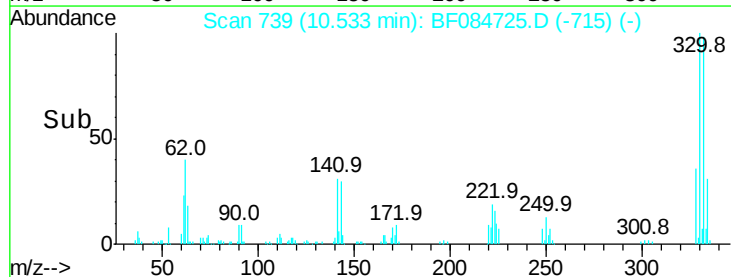
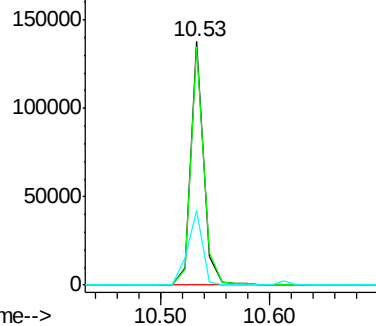
Lab File: BF084725.D

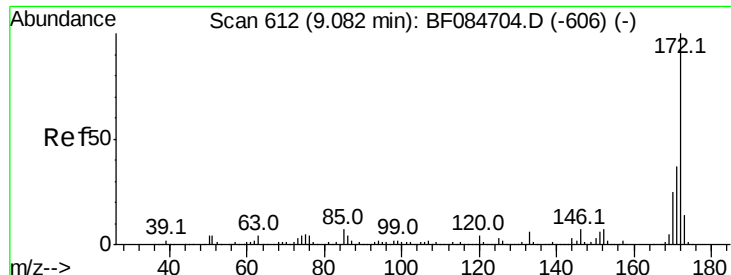
Acq: 1 Feb 2016 22:41

Tgt Ion:	330	Resp:	115160
Ion Ratio	Lower	Upper	
330	100		
332	98.8	76.6	114.8
141	36.0	27.8	41.6



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





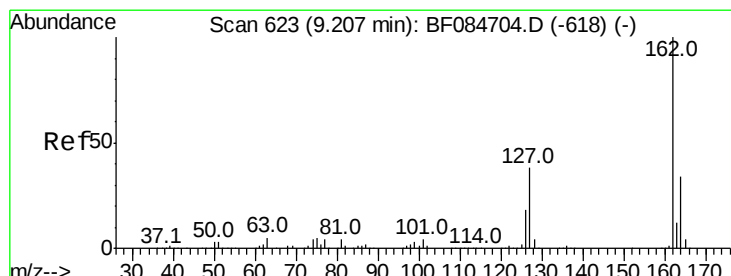
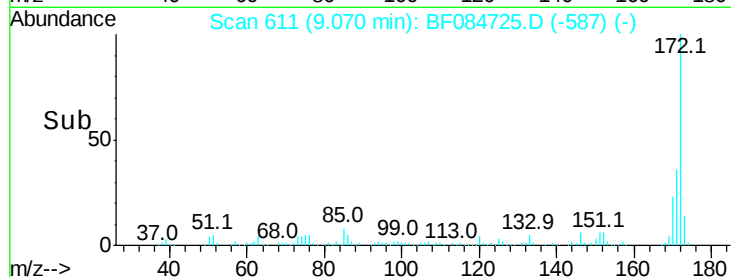
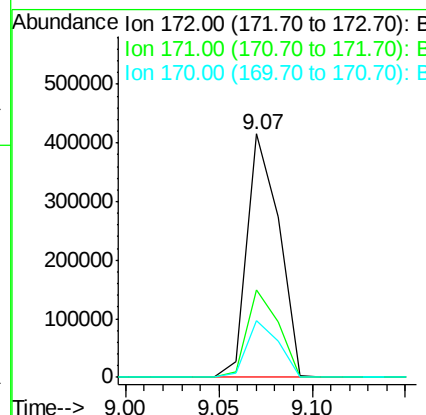
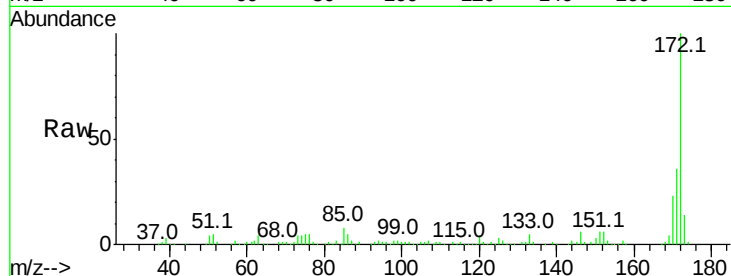
#44
2-Fluorobiphenyl
Concen: 19.99 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampled :
9036DL

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.3	18.6	27.8

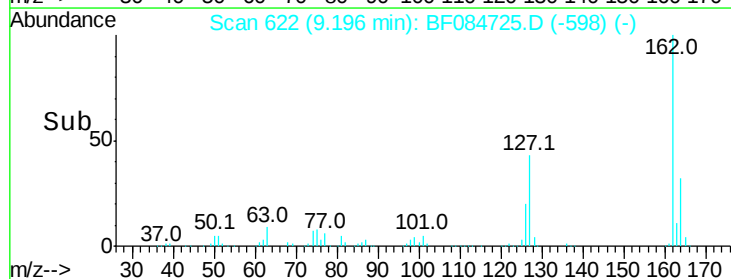
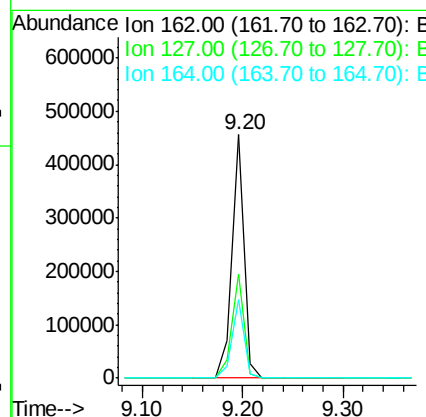
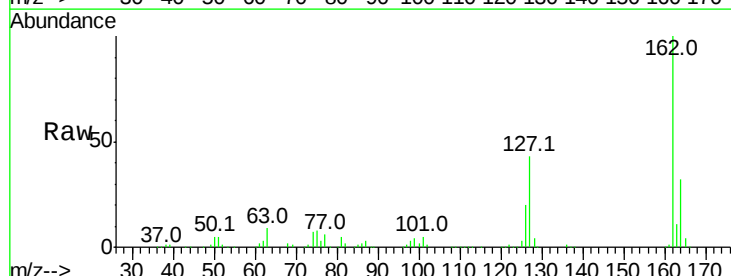
Manual Integrations
APPROVED

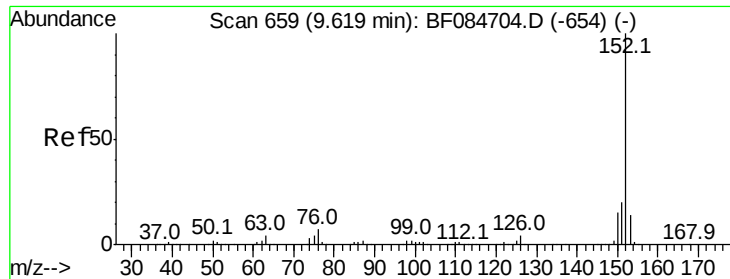
mohammad
2/2/2016 4:18:19 PM



#46
2-Chloronaphthalene
Concen: 18.17 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.7	40.2	60.4
164	32.1	25.7	38.5





#48

Acenaphthylene

Concen: 19.55 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

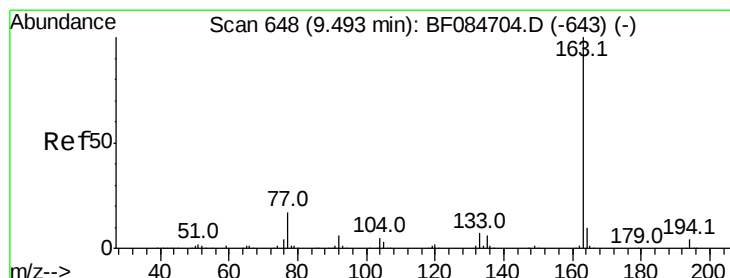
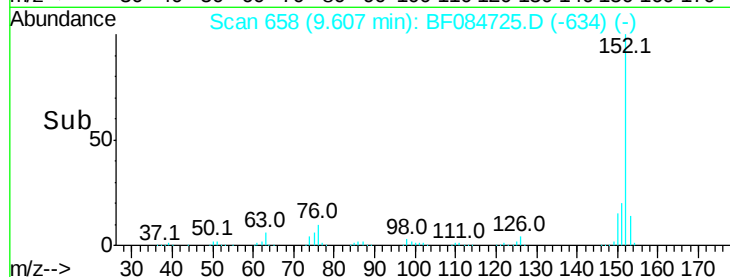
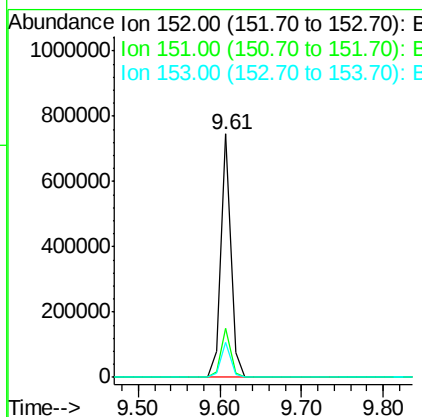
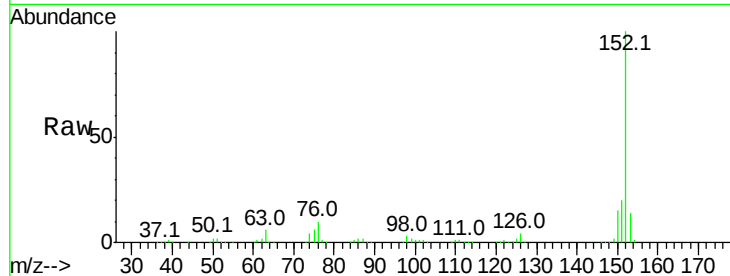
ClientSampleId :

9036DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	625135		
151	20.1		16.3	24.5
153	14.3		10.4	15.6

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



#49

Dimethylphthalate

Concen: 38.51 ng

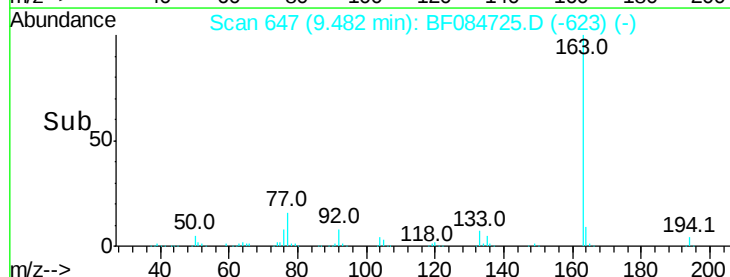
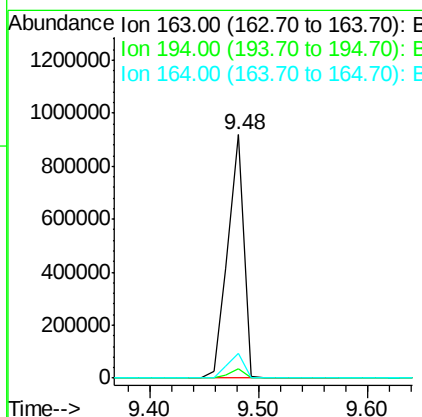
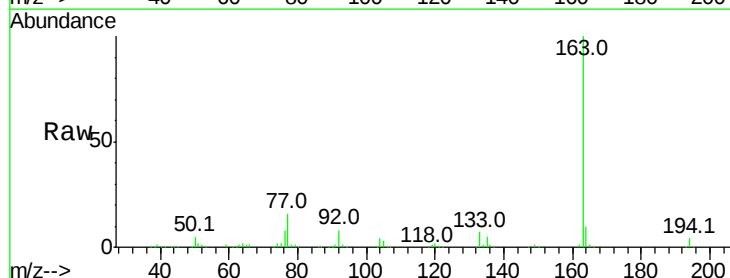
RT: 9.48 min Scan# 647

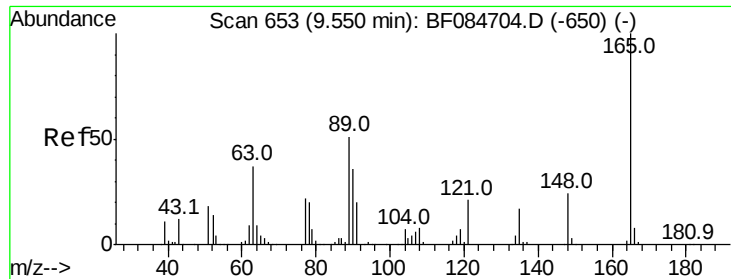
Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	939482		
194	3.7		8.0	12.0#
164	10.1		8.0	12.0





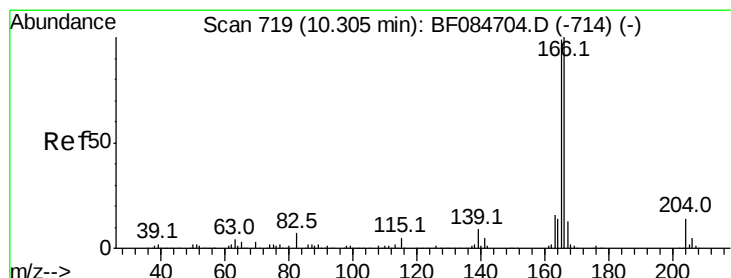
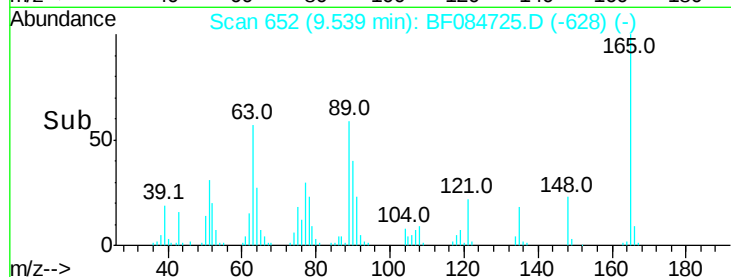
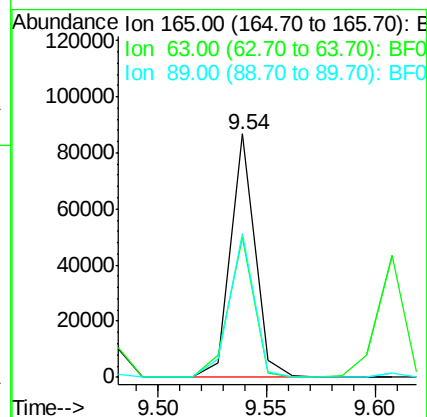
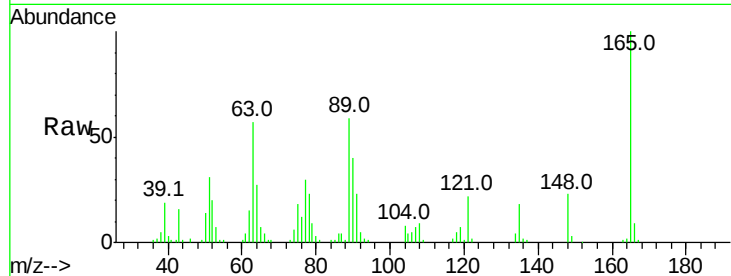
#50
2,6-Dinitrotoluene
Concen: 12.71 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.5	28.8	43.2#	
89	58.9	35.1	52.7#	

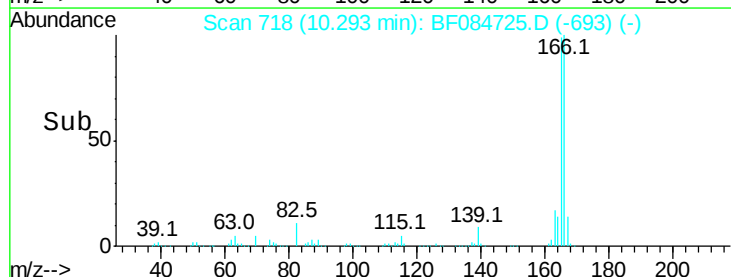
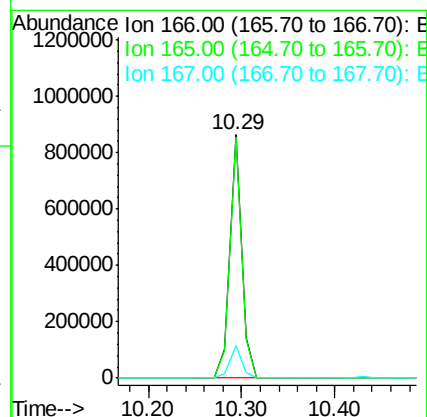
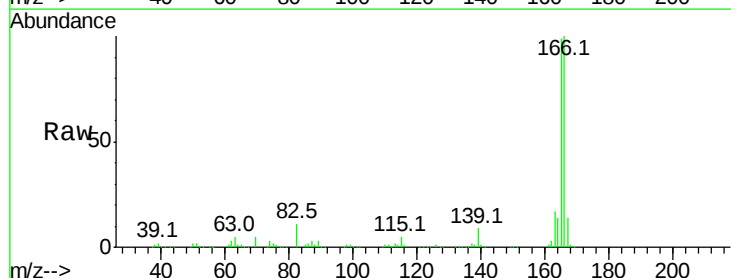
Manual Integrations
APPROVED

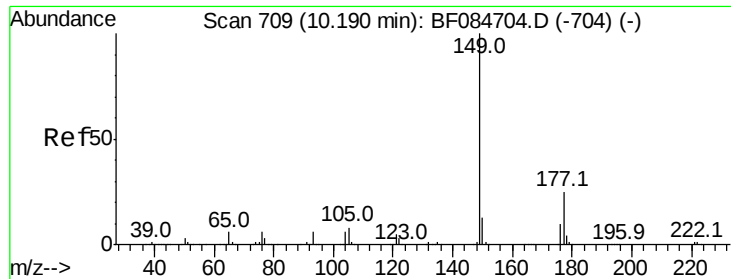
mohammad
2/2/2016 4:18:19 PM



#57
Fluorene
Concen: 36.05 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	79.1	118.7	
167	13.6	10.4	15.6	





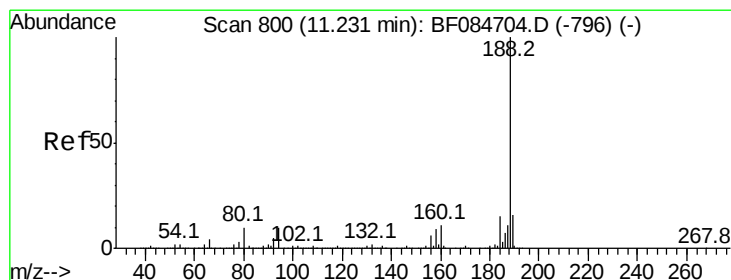
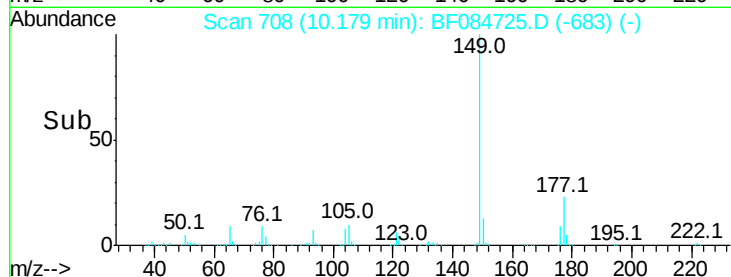
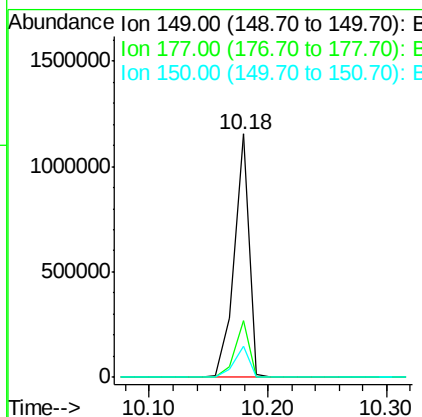
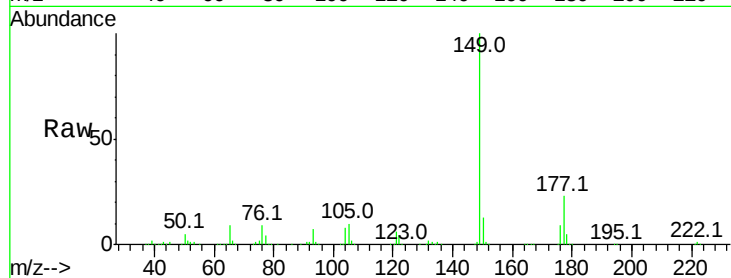
#59
Diethylphthalate
Concen: 42.06 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion:149 Resp: 1001904
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 12.5 9.8 14.8

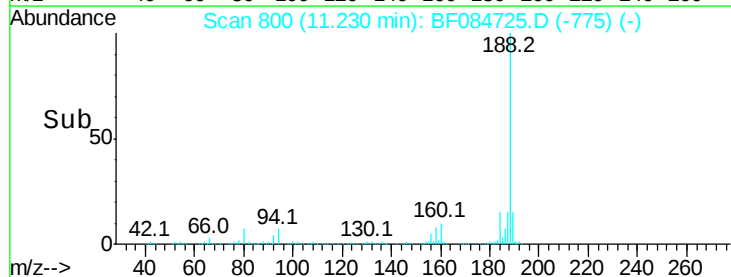
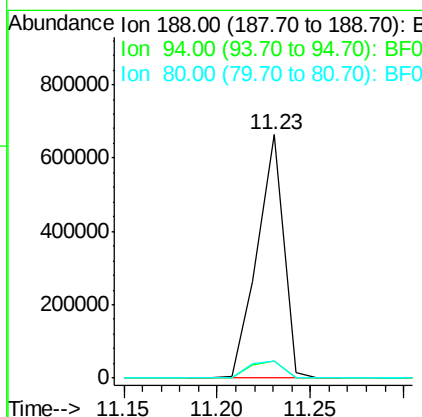
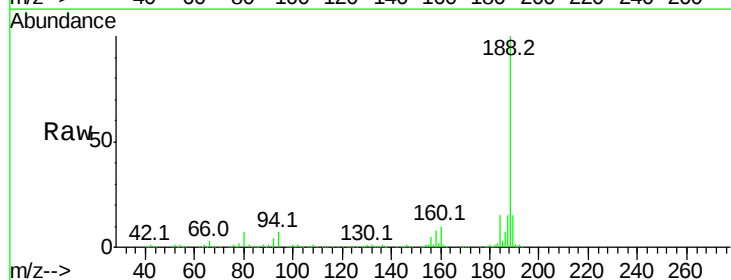
Manual Integrations
APPROVED

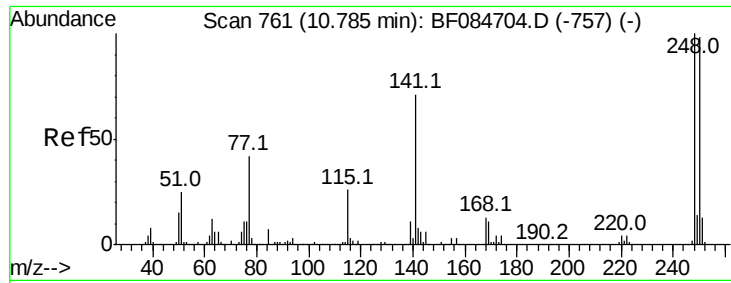
mohammad
2/2/2016 4:18:19 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion:188 Resp: 652714
Ion Ratio Lower Upper
188 100
94 7.0 9.0 13.4#
80 6.8 9.6 14.4#





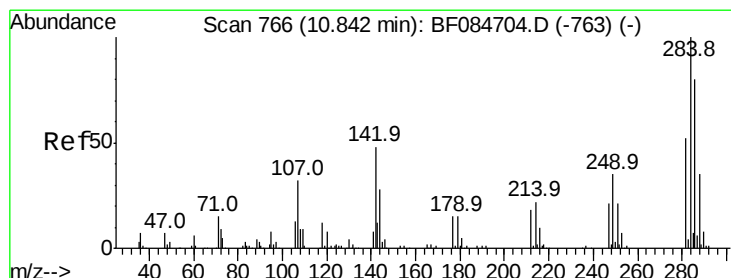
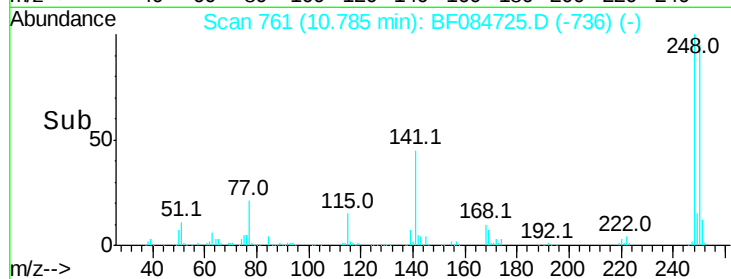
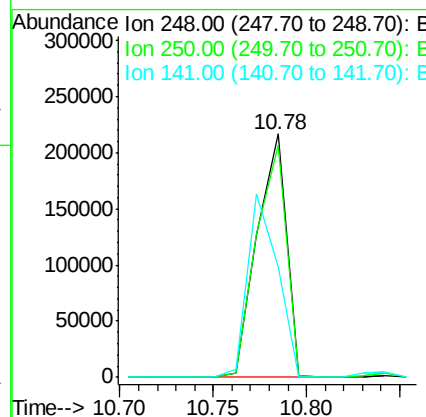
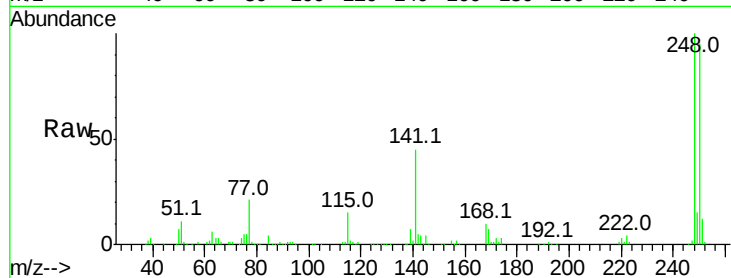
#66
4-Bromophenyl-phenylether
Concen: 33.28 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion	Ratio	Resp	Lower	Upper
248	100	239905		
250	95.3		78.4	117.6
141	45.4		44.0	66.0

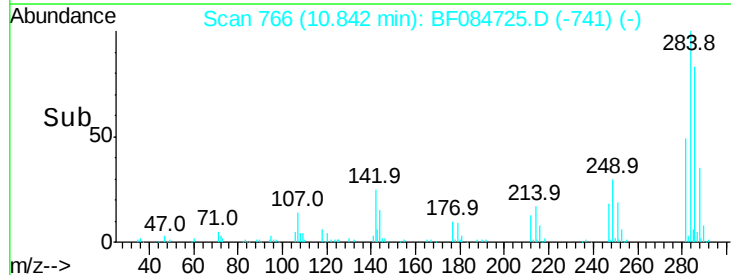
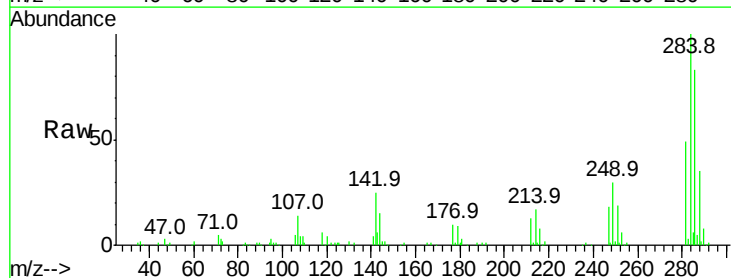
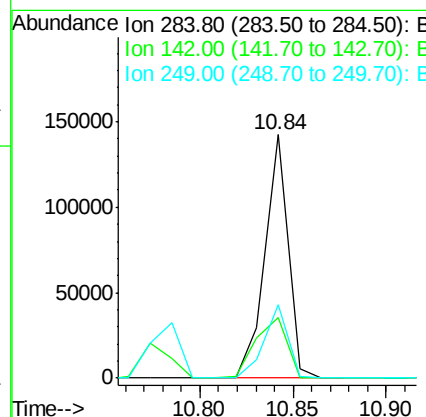
Manual Integrations
APPROVED

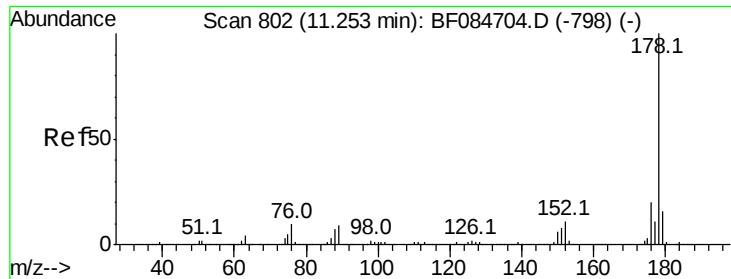
mohammad
2/2/2016 4:18:19 PM



#67
Hexachlorobenzene
Concen: 15.57 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	122301		
142	24.8		22.2	33.4
249	30.0		24.6	37.0





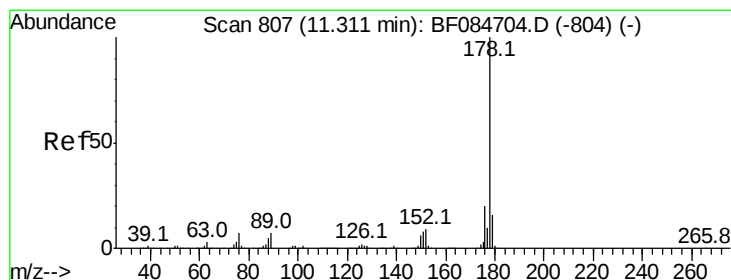
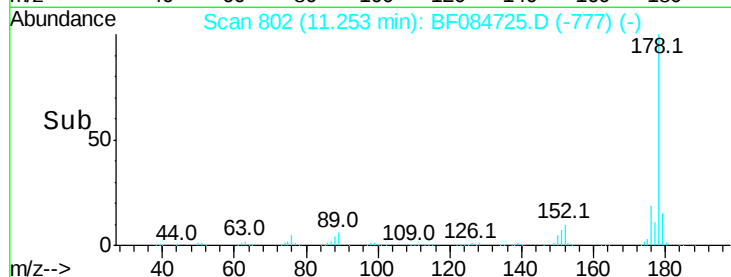
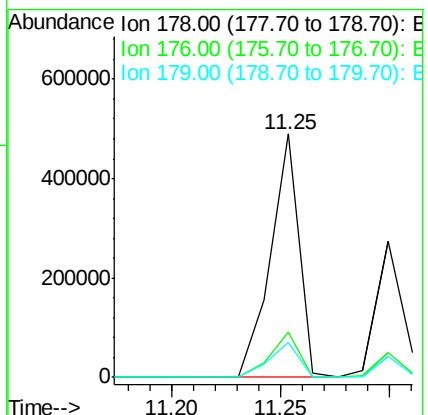
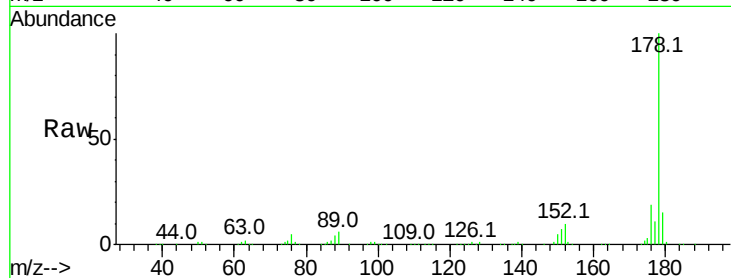
#70
Phenanthrene
Concen: 12.43 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.6	12.0	18.0

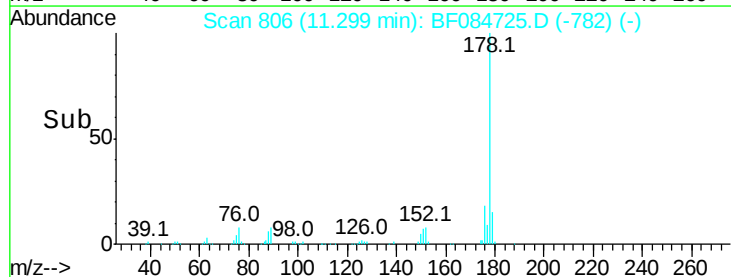
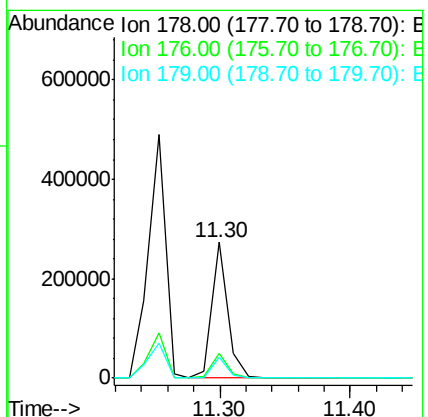
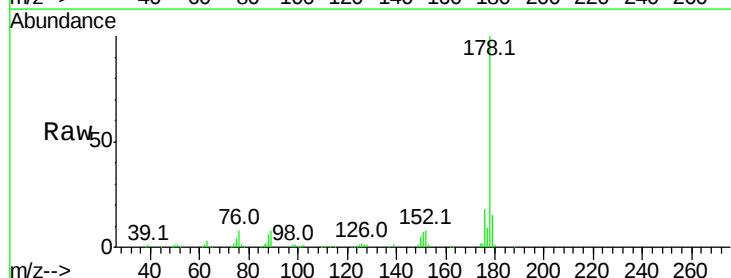
Manual Integrations
APPROVED

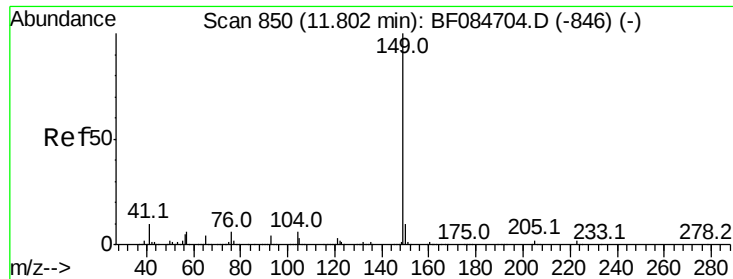
mohammad
2/2/2016 4:18:19 PM



#71
Anthracene
Concen: 6.45 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.4	12.5	18.7





#73

Di-n-butylphthalate

Concen: 9.23 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

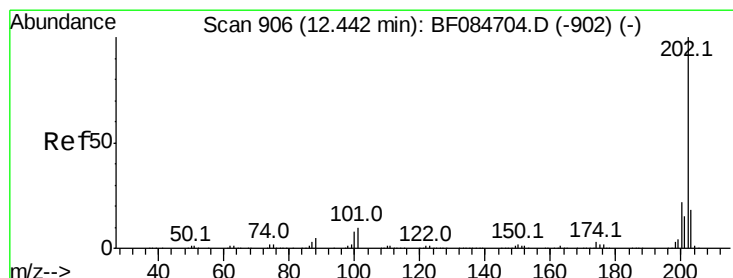
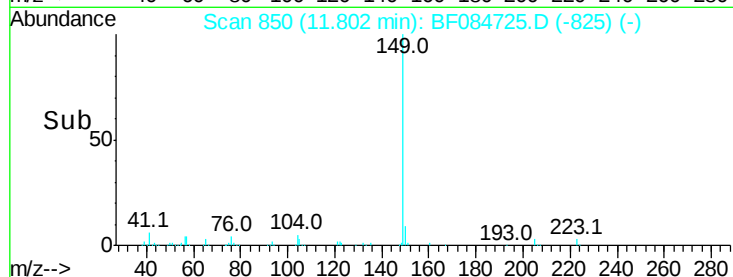
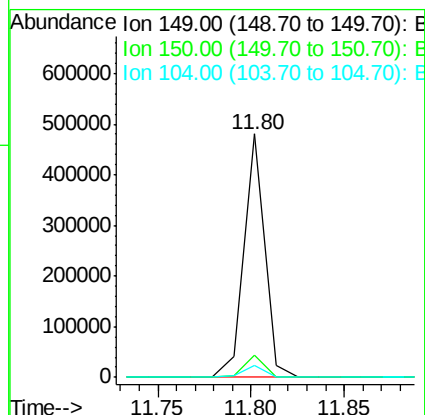
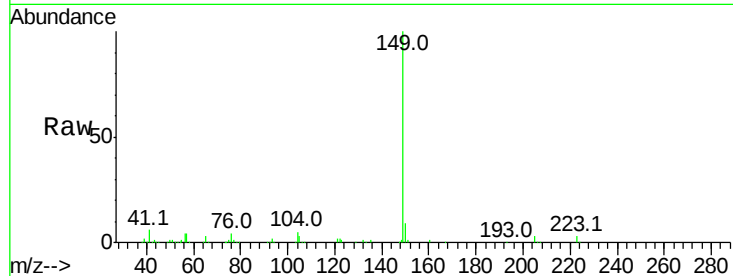
ClientSampleId :

9036DL

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM

Tot Ion:	149	Resp:	373816
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.7	3.2	4.8



#74

Fluoranthene

Concen: 15.66 ng

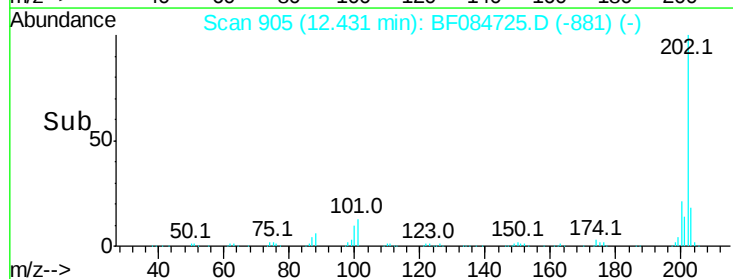
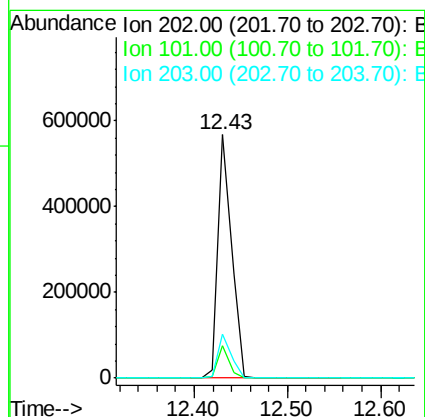
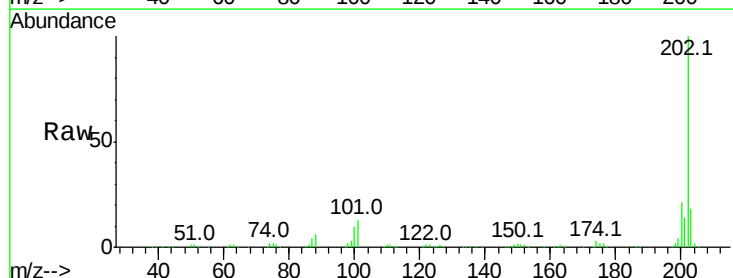
RT: 12.43 min Scan# 905

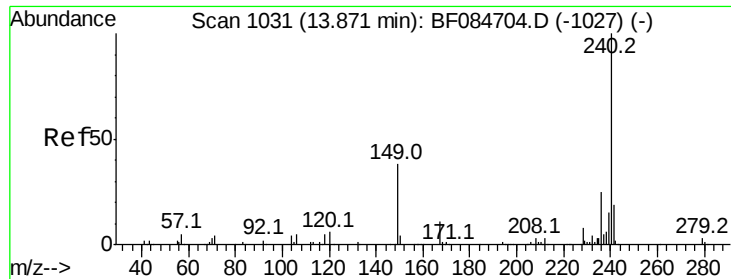
Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion:	202	Resp:	573811
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.8
203	18.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

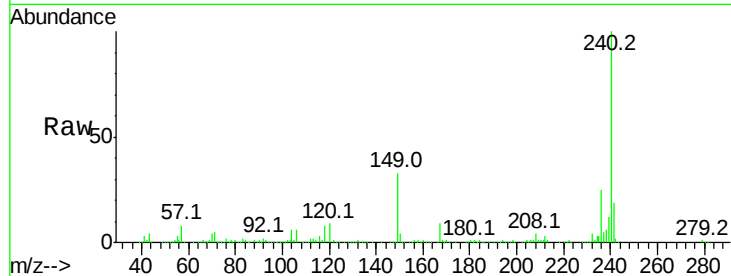
ClientSampleId :

9036DL

Tot Ion	Ratio	Resp	Lower	Upper
240	100	545134		
120	9.2	9.5	14.3#	
236	25.4	20.6	31.0	

Manual Integrations
APPROVED

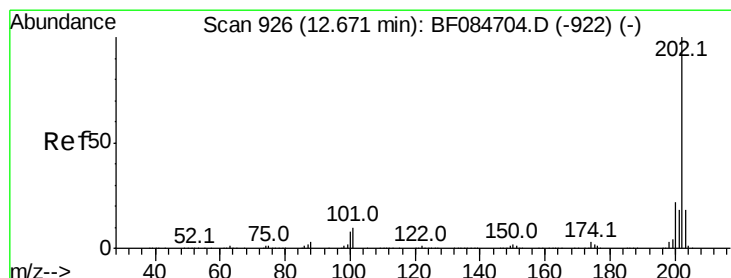
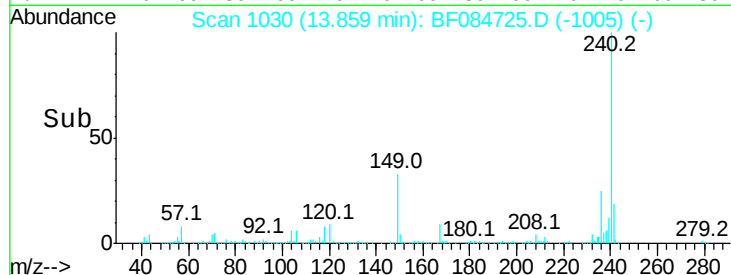
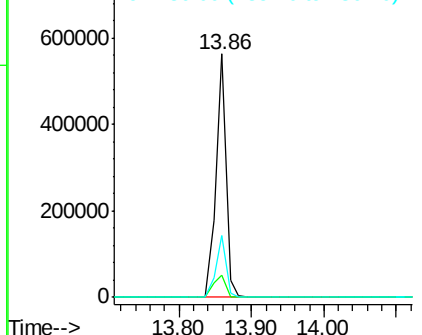
mohammad
2/2/2016 4:18:19 PM



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: 12.88 ng

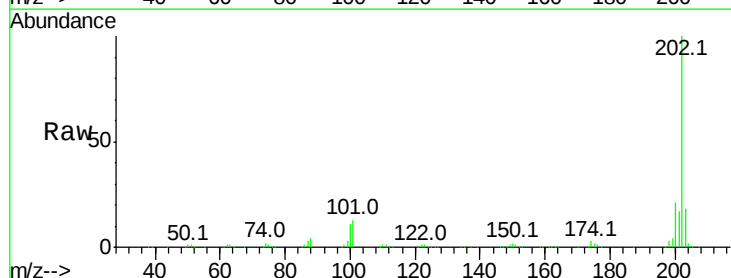
RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

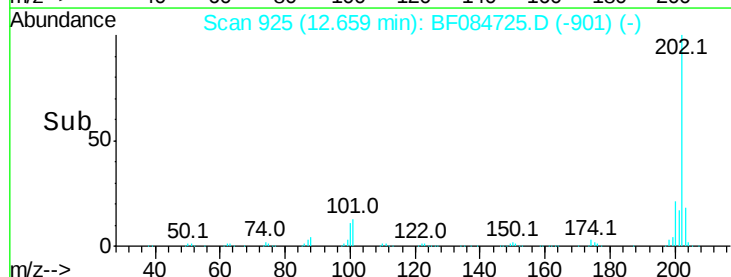
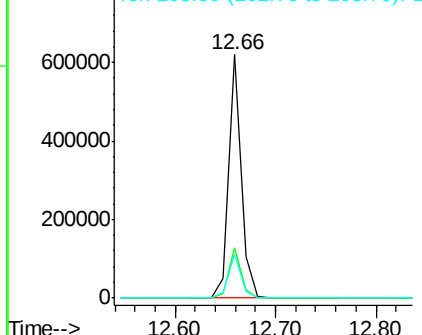
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	537688		
200	20.9	17.2	25.8	
203	17.8	14.3	21.5	

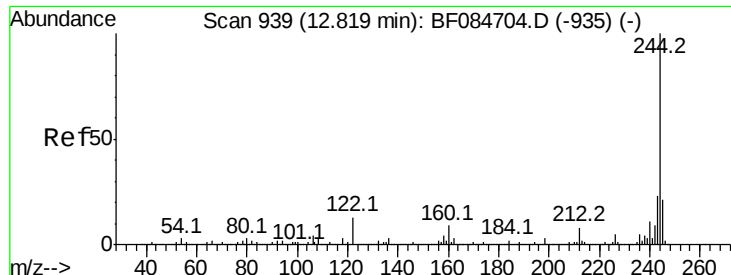


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





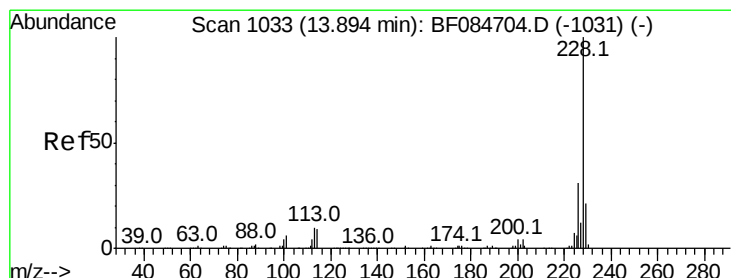
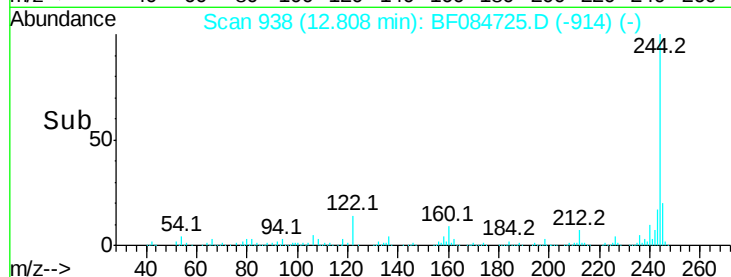
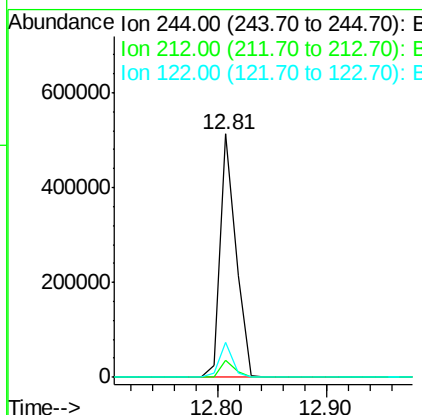
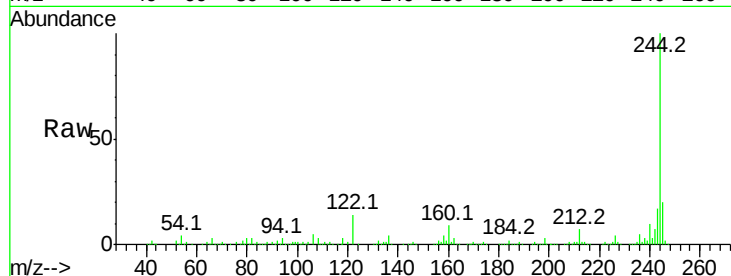
#78
 Terphenyl-d14
 Concen: 21.62 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 9036DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	14.2	7.4	11.0

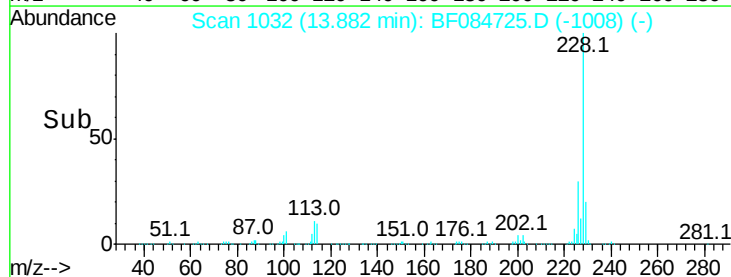
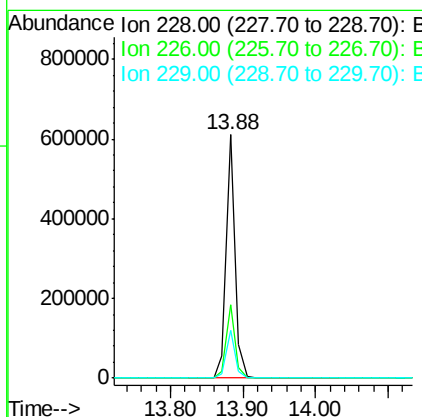
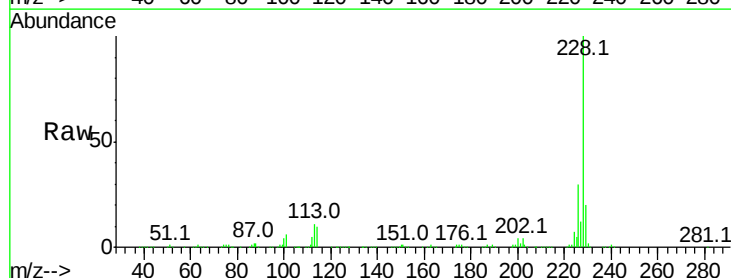
Manual Integrations
 APPROVED

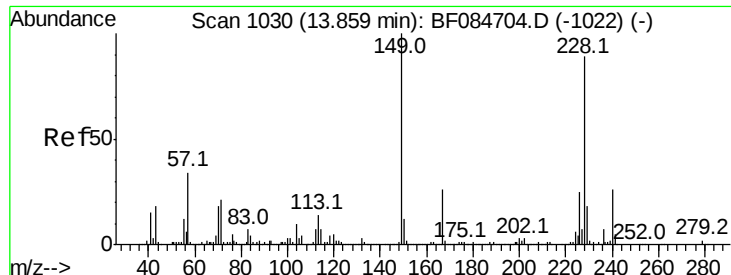
mohammad
 2/2/2016 4:18:19 PM



#82
 Chrysene
 Concen: 16.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.8	16.1	24.1





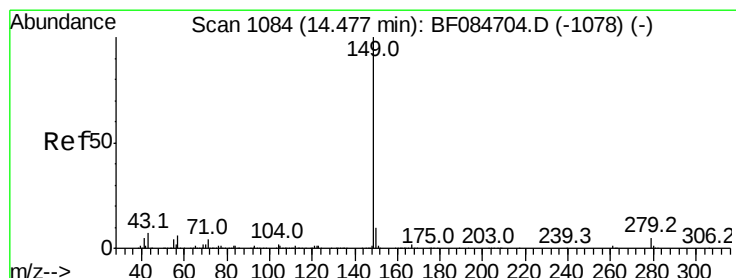
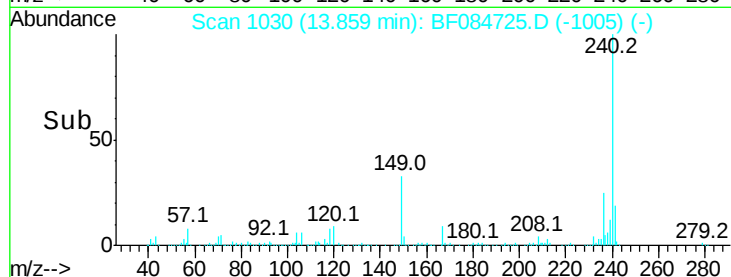
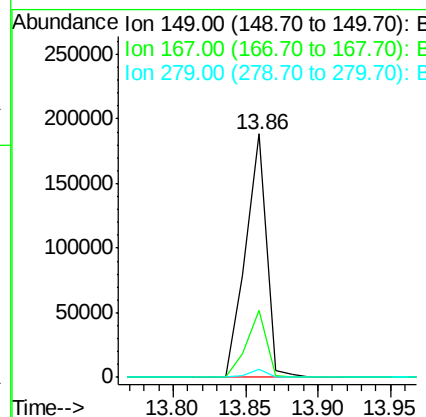
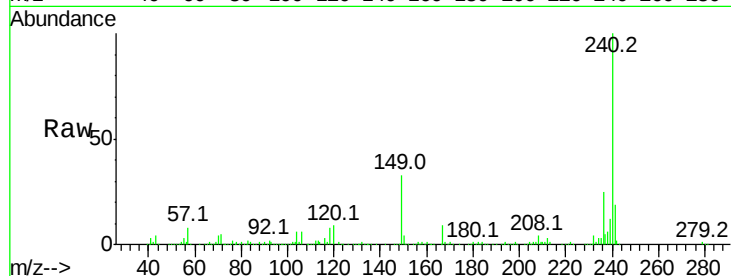
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.03 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Instrument :
 BNA_F
 ClientSampled :
 9036DL

Tot Ion	Ratio	Resp	Lower	Upper
149	100	189142		
167	27.6	19.7	29.5	
279	3.5	1.8	2.6#	

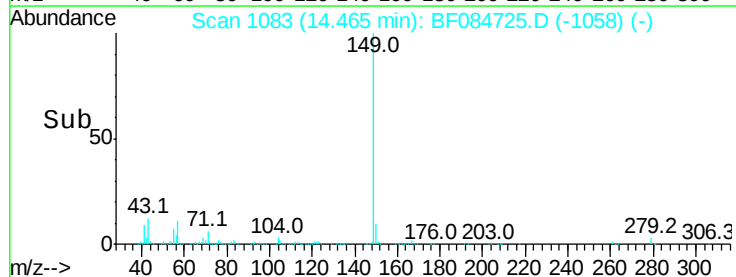
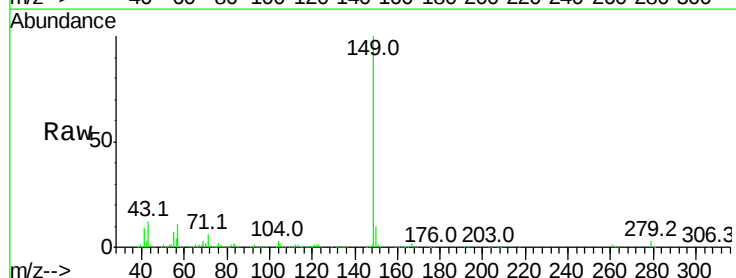
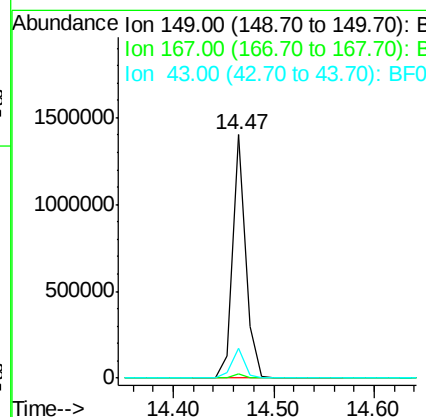
Manual Integrations
 APPROVED

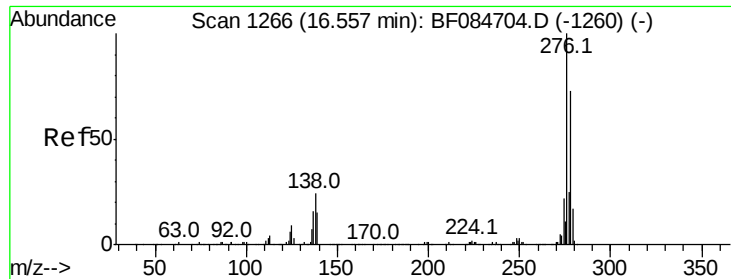
mohammad
 2/2/2016 4:18:19 PM



#84
 Di-n-octyl phthalate
 Concen: 32.48 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1262634		
167	1.6	1.2	1.8	
43	12.2	5.6	8.4#	





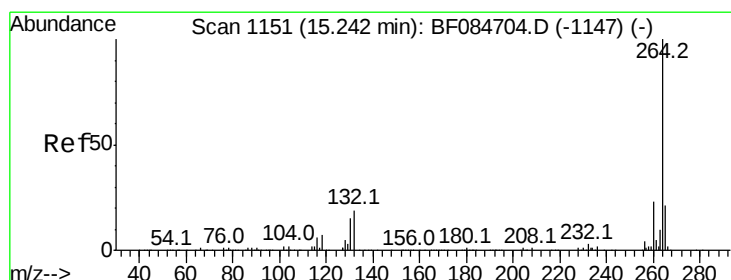
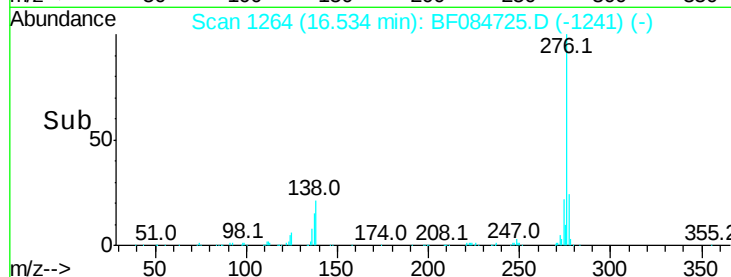
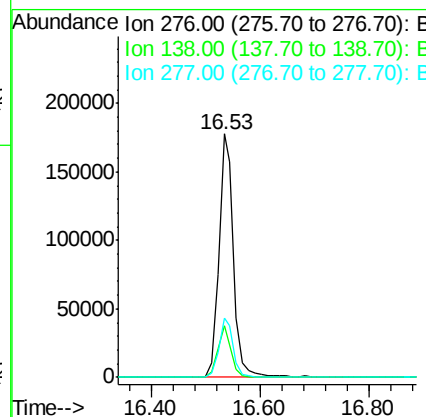
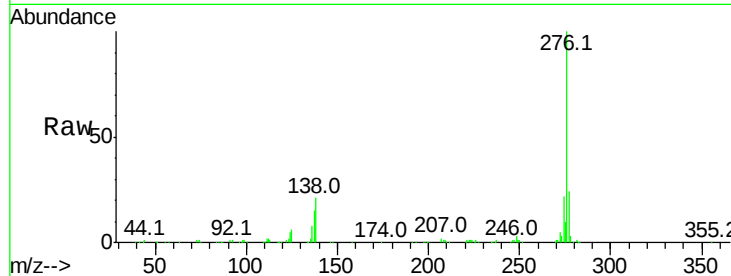
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.18 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Instrument :
BNA_F
ClientSampleId :
9036DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	340352		
138	19.5	20.6	30.8#	
277	23.8	20.1	30.1	

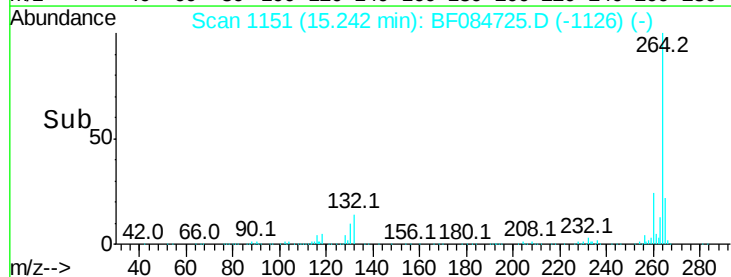
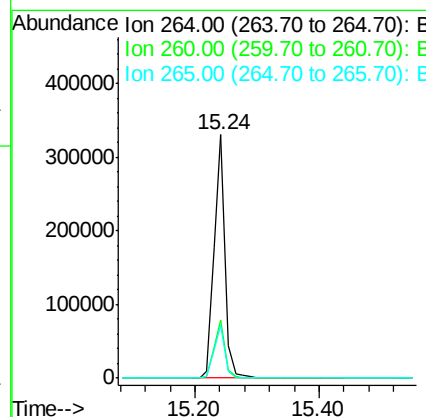
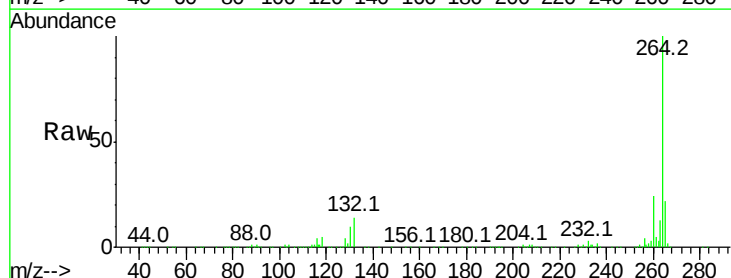
Manual Integrations
APPROVED

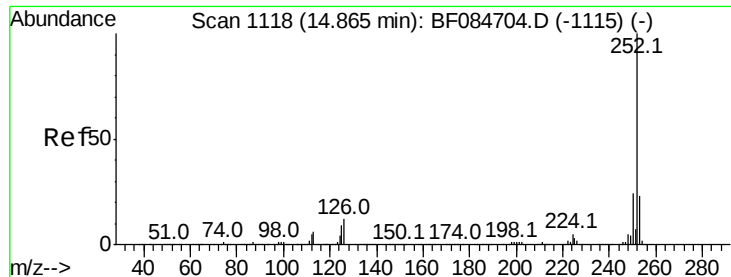
mohammad
2/2/2016 4:18:19 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084725.D
Acq: 1 Feb 2016 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	396540		
260	23.8	19.4	29.2	
265	21.6	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 12.96 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Instrument :

BNA_F

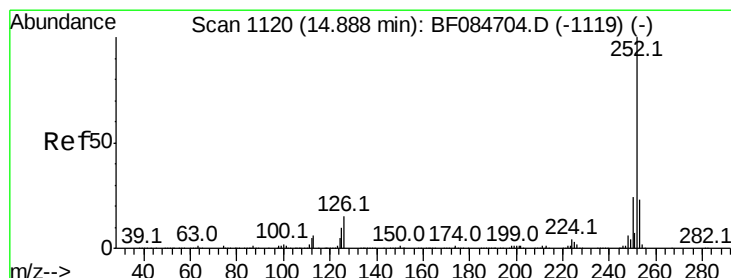
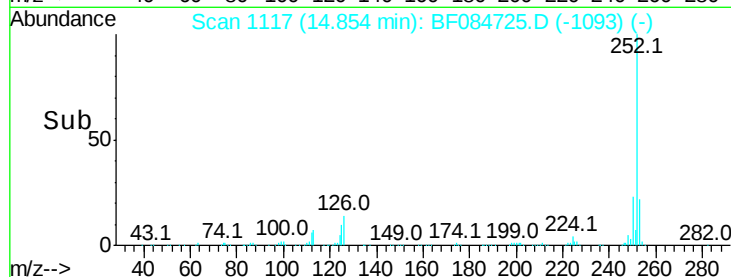
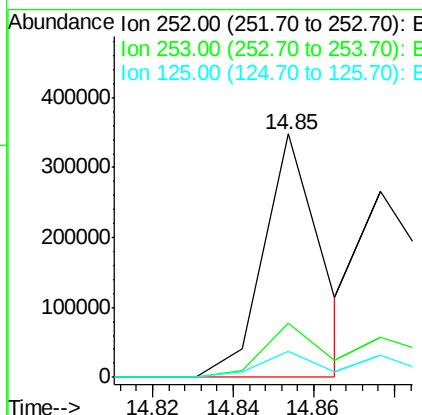
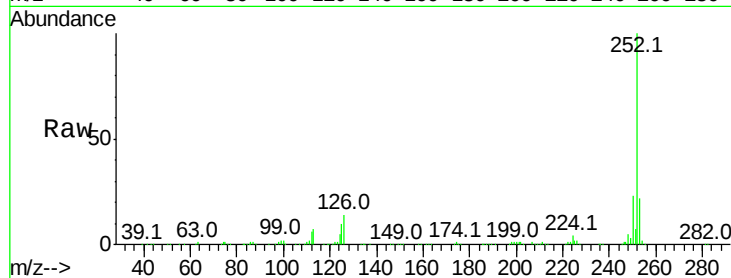
ClientSampleId :

9036DL

Tot Ion:	252	Resp:	345170
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	10.4	6.5	9.7#

Manual Integrations
APPROVED

mohammad
2/2/2016 4:18:19 PM



#88

Benzo(k)fluoranthene

Concen: 14.27 ng m

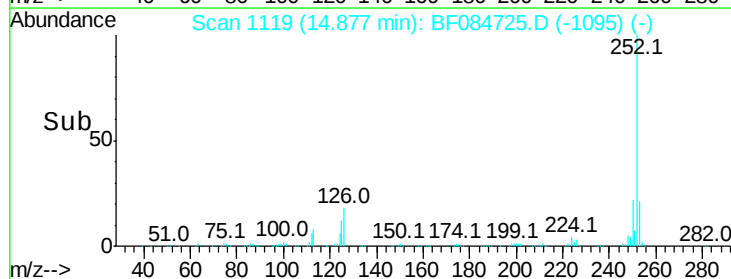
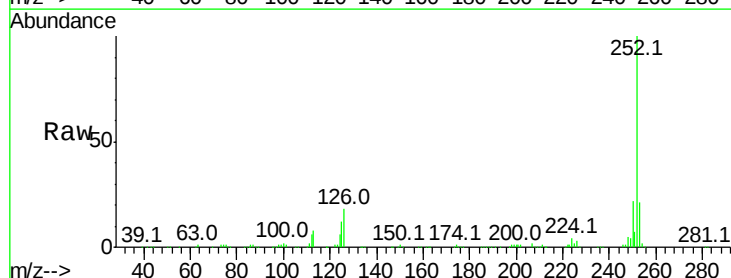
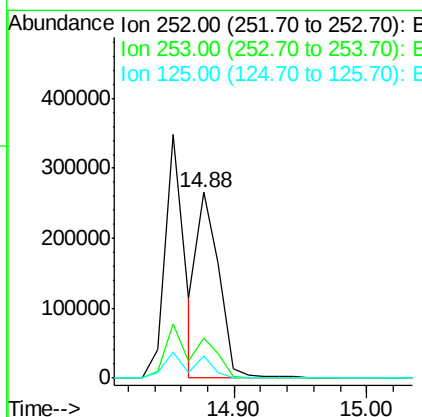
RT: 14.88 min Scan# 1119

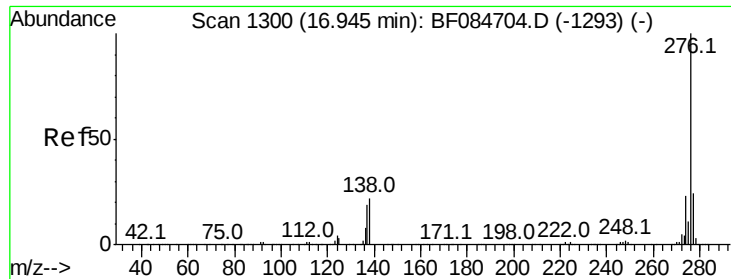
Delta R.T. -0.02 min

Lab File: BF084725.D

Acq: 1 Feb 2016 22:41

Tgt Ion:	252	Resp:	314465
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	12.3	9.0	13.6





#91
 Benzo(a,h,i)perylene
 Concen: 35.66 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF084725.D
 Acq: 1 Feb 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 9036DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	18.8	28.2
138	22.8	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:18:19 PM

