

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084845.D
 Acq On : 4 Feb 2016 23:00
 Operator : SJ/IZ
 Sample : H1320-18MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

Manual Integrations
 APPROVED

mohammad
 2/5/2016 1:49:07 PM

Quant Time: Feb 05 03:12:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	151577	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	613838	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	263179	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	411820	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	283220	20.00	ng	0.00
86) Perylene-d12	15.21	264	323875	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1197397	123.04	ng	0.00
7) Phenol-d6	6.34	99	1513140	125.42	ng	0.00
23) Nitrobenzene-d5	7.25	82	936034	85.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	279445	101.79	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1376660	89.78	ng	-0.01
78) Terphenyl-d14	12.77	244	876194	70.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	147543	34.61	ng	# 74
3) Pyridine	2.88	79	466968	42.05	ng	# 79
4) n-Nitrosodimethylamine	2.82	42	239720	41.73	ng	81
6) Aniline	6.34	93	298692	20.23	ng	# 33
8) 2-Chlorophenol	6.46	128	479005	43.49	ng	98
9) Benzaldehyde	6.21	77	173188	24.31	ng	95
10) Phenol	6.35	94	595399	44.05	ng	88
11) bis(2-Chloroethyl)ether	6.42	93	434511	41.23	ng	85
12) 1,3-Dichlorobenzene	6.61	146	473957	40.73	ng	# 95
13) 1,4-Dichlorobenzene	6.69	146	498605	42.86	ng	95
14) 1,2-Dichlorobenzene	6.84	146	407767	37.63	ng	95
15) Benzyl Alcohol	6.83	79	364920	43.80	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	700089	39.49	ng	91
17) 2-Methylphenol	6.96	107	382293	43.88	ng	# 92
18) Hexachloroethane	7.18	117	172990	38.61	ng	97
19) n-Nitroso-di-n-propylamine	7.10	70	318963	42.18	ng	# 77
20) 3+4-Methylphenols	7.12	107	485681	44.92	ng	91
22) Acetophenone	7.09	105	638360	39.46	ng	# 97
24) Nitrobenzene	7.26	77	444134	38.06	ng	96
25) Isophorone	7.50	82	836390	39.47	ng	98
26) 2-Nitrophenol	7.58	139	258613	44.94	ng	# 90
27) 2,4-Dimethylphenol	7.63	122	386524	38.61	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	506968	40.33	ng	99
29) 2,4-Dichlorophenol	7.84	162	355841	41.55	ng	92
30) 1,2,4-Trichlorobenzene	7.90	180	373356	38.59	ng	96
31) Naphthalene	7.98	128	1481508	48.12	ng	100
33) 4-Chloroaniline	8.04	127	133035	10.45	ng	95
34) Hexachlorobutadiene	8.11	225	224980	40.33	ng	99
35) Caprolactam	8.41	113	109512	41.48	ng	# 47
36) 4-Chloro-3-methylphenol	8.53	107	379511	38.84	ng	90
37) 2-Methylnaphthalene	8.68	142	862290	44.75	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	340252	40.71	ng	99
40) Hexachlorocyclopentadiene	8.83	237	90880	32.94	ng	99
42) 2,4,6-Trichlorophenol	8.96	196	216216	40.15	ng	97

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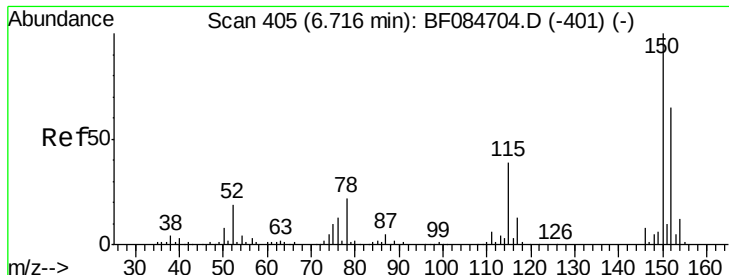
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	228857	41.83	nq	# 82
45) 1,1'-Biphenyl	9.14	154	936377	39.83	nq	98
46) 2-Chloronaphthalene	9.16	162	711109	41.08	nq	94
47) 2-Nitroaniline	9.26	65	227146	41.44	nq	95
48) Acenaphthylene	9.57	152	1154619	43.95	nq	97
49) Dimethylphthalate	9.45	163	960155	47.90	nq	# 90
50) 2,6-Dinitrotoluene	9.52	165	181592	41.47	nq	91
51) Acenaphthene	9.74	154	735197	43.02	nq	97
52) 3-Nitroaniline	9.68	138	147833	30.04	nq	89
53) 2,4-Dinitrophenol	9.79	184	2179	6.80	nq	# 62
54) Dibenzofuran	9.92	168	959190	45.92	nq	91
55) 4-Nitrophenol	9.86	139	182990	50.60	nq	89
56) 2,4-Dinitrotoluene	9.92	165	233105	41.74	nq	# 89
57) Fluorene	10.26	166	770817	44.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	160277	38.48	nq	90
59) Diethylphthalate	10.14	149	758450	38.75	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	340181	46.69	nq	93
61) 4-Nitroaniline	10.28	138	174915	36.48	nq	93
62) Azobenzene	10.42	77	815225	43.32	nq	88
64) 4,6-Dinitro-2-methylphenol	10.32	198	18818	7.40	nq	# 49
65) n-Nitrosodiphenylamine	10.37	169	612744	46.86	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	194522	42.77	nq	# 70
67) Hexachlorobenzene	10.81	284	215290	43.44	nq	99
68) Atrazine	10.91	200	171431	41.51	nq	99
69) Pentachlorophenol	11.00	266	101332	43.50	nq	96
70) Phenanthrene	11.22	178	2505287	109.68	nq	96
71) Anthracene	11.28	178	1477998	64.22	nq	100
72) Carbazole	11.43	167	885304	44.11	nq	99
73) Di-n-butylphthalate	11.77	149	1007308	39.42	nq	# 96
74) Fluoranthene	12.41	202	3381063	146.25	nq	97
76) Benzidine	12.53	184	226835	23.60	nq	99
77) Pyrene	12.64	202	3100609	142.99	nq	95
79) Butylbenzylphthalate	13.27	149	414797	42.17	nq	# 89
80) Benzo(a)anthracene	13.83	228	1892962	107.69	nq	94
81) 3,3'-Dichlorobenzidine	13.79	252	128802	20.69	nq	# 94
82) Chrysene	13.86	228	1629125m	95.57	nq	
83) Bis(2-ethylhexyl)phthalate	13.83	149	456739	37.31	nq	98
84) Di-n-octyl phthalate	14.44	149	916294	45.37	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.52	276	1508702	112.45	nq	96
87) Benzo(b)fluoranthene	14.84	252	2516354m	115.64	nq	
88) Benzo(k)fluoranthene	14.87	252	969747m	53.90	nq	
89) Benzo(a)pyrene	15.17	252	2003558	108.06	nq	# 95
90) Dibenzo(a,h)anthracene	16.52	278	845939	54.20	nq	95
91) Benzo(g,h,i)perylene	16.91	276	1393476	88.63	nq	97

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



#1

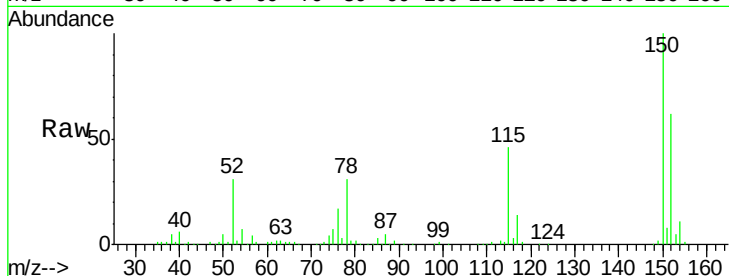
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	123.0	184.4
115	73.8	51.4	77.2

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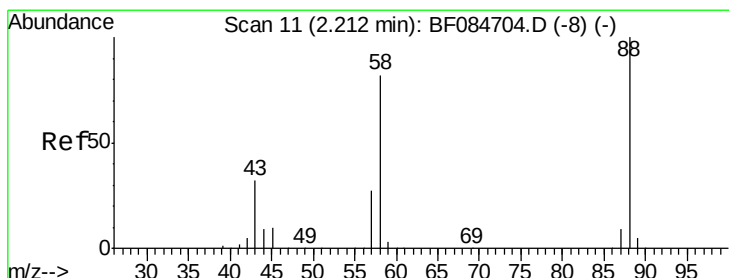
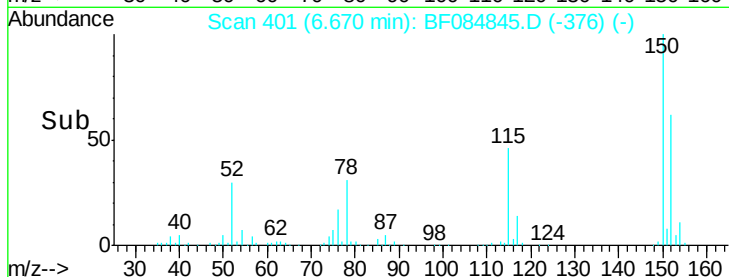
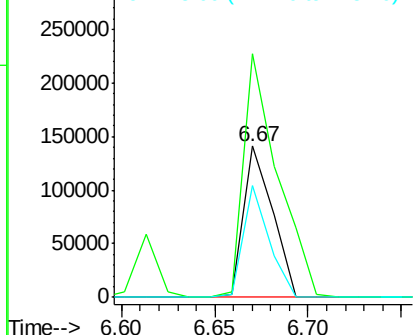


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.61 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.03 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

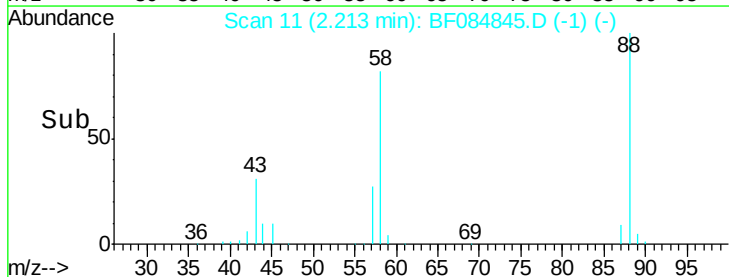
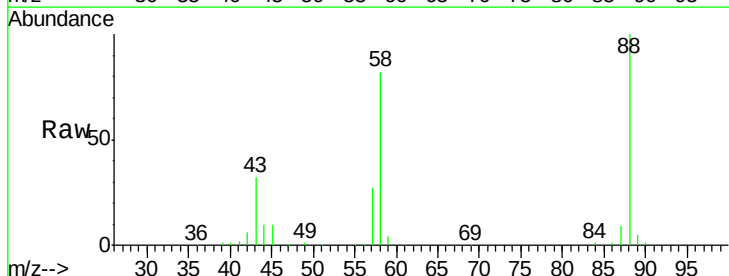
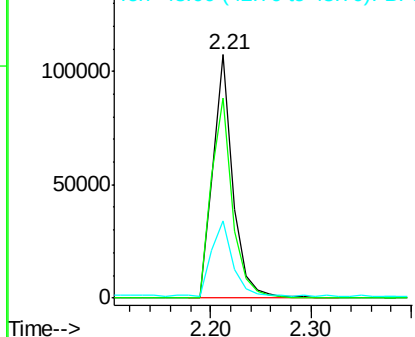
Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	51.2	76.8#
43	33.3	19.5	29.3#

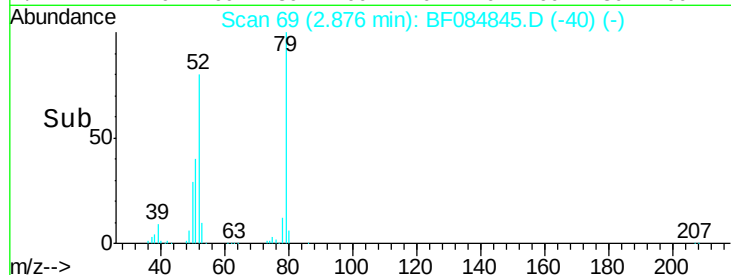
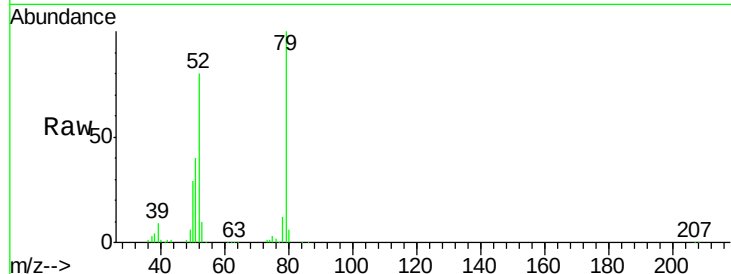
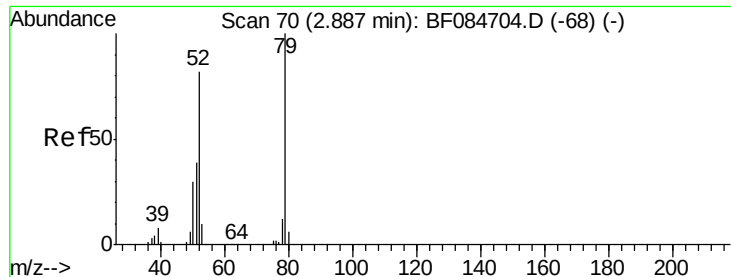
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





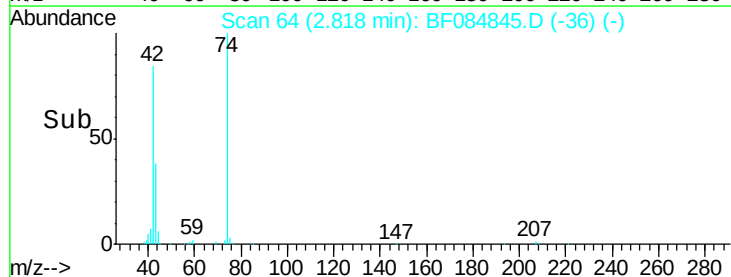
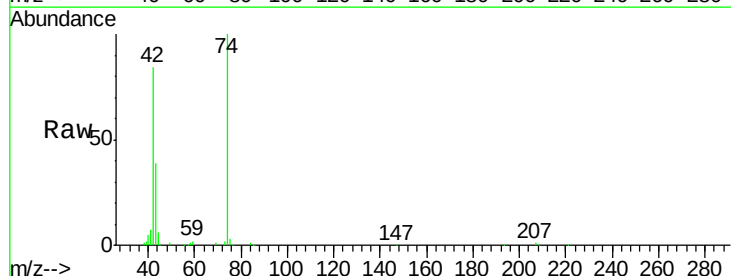
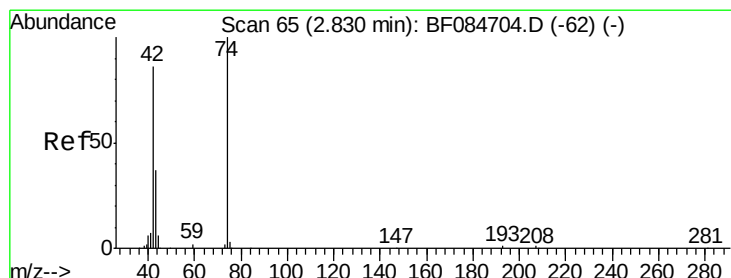
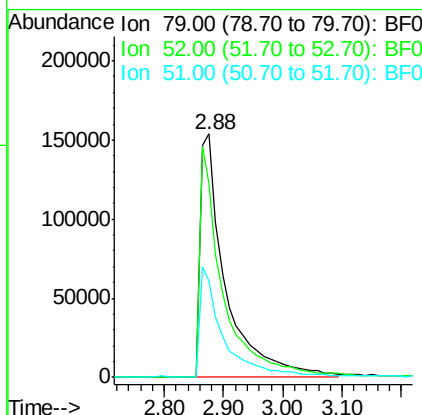
#3
 Pvridine
 Concen: 42.05 ng
 RT: 2.88 min Scan# 69
 Delta R.T. 0.03 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.7	49.0	73.4#
51	39.8	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

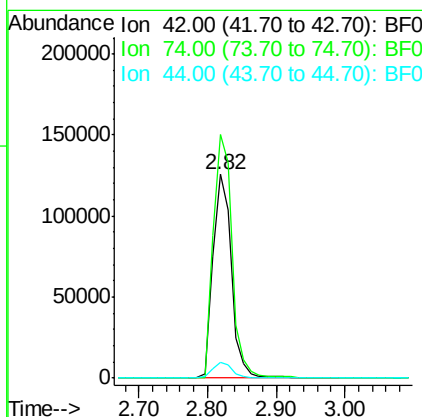
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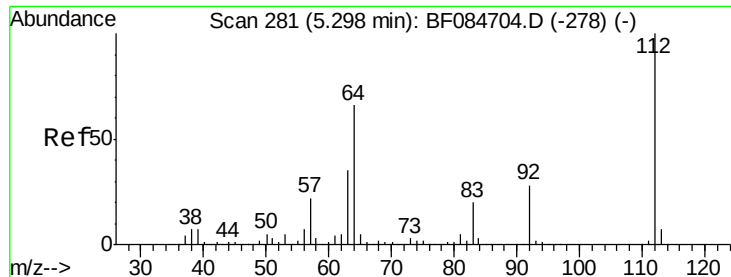
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#4
 n-Nitrosodimethylamine
 Concen: 41.73 ng
 RT: 2.82 min Scan# 64
 Delta R.T. 0.02 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.5	115.7	173.5
44	7.5	5.1	7.7





#5

2-Fluorophenol

Concen: 123.04 ng

RT: 5.28 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

ClientSampleId :

S4-B019(11-13)MS

Tot Ion: 112 Resp: 1197397

Ion Ratio Lower Upper

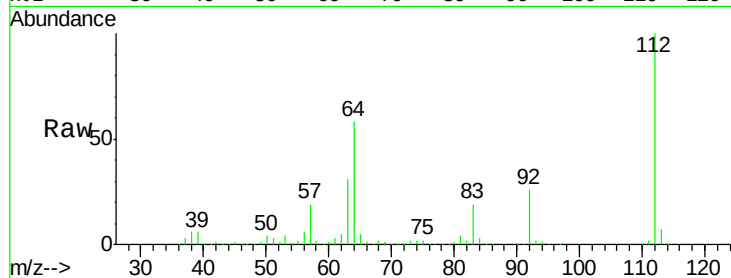
112 100

64 58.5 36.6 55.0#

63 30.8 19.4 29.0#

Manual Integrations
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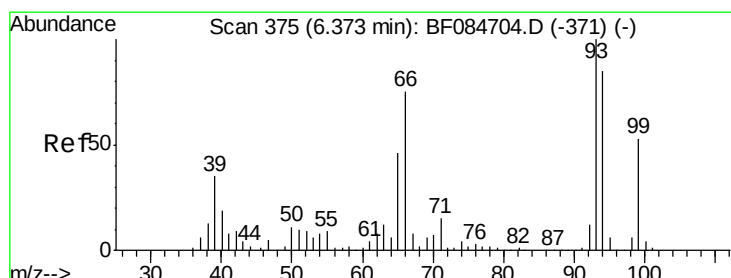
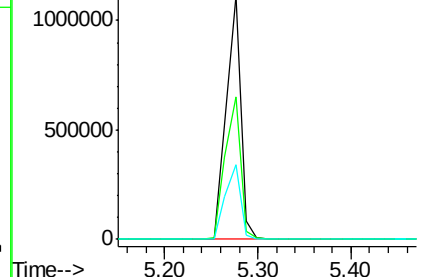
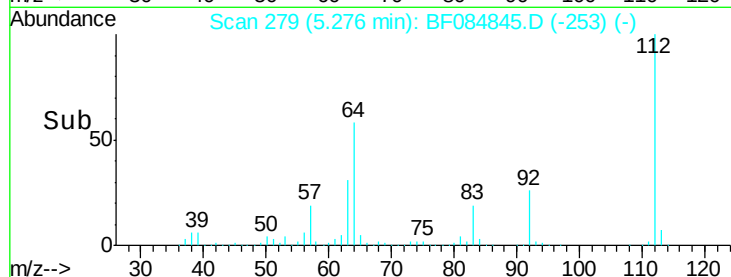
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.23 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

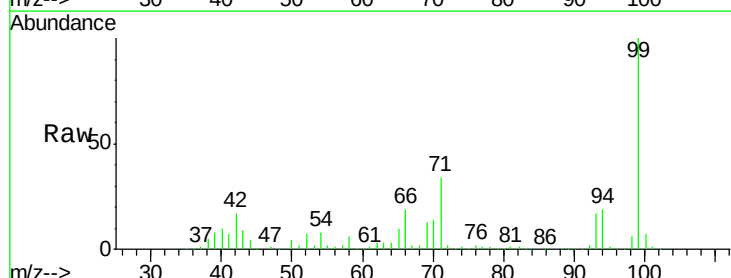
Tgt Ion: 93 Resp: 298692

Ion Ratio Lower Upper

93 100

66 108.7 44.9 67.3#

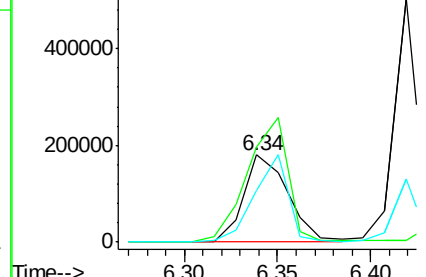
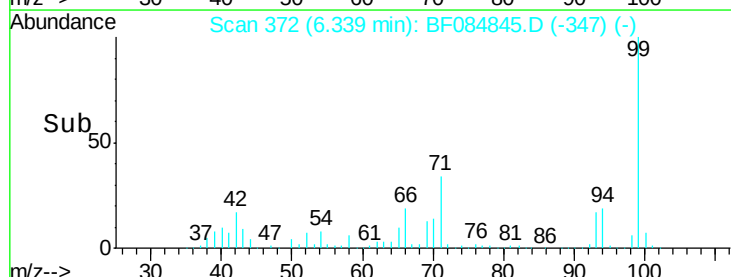
65 60.0 23.7 35.5#

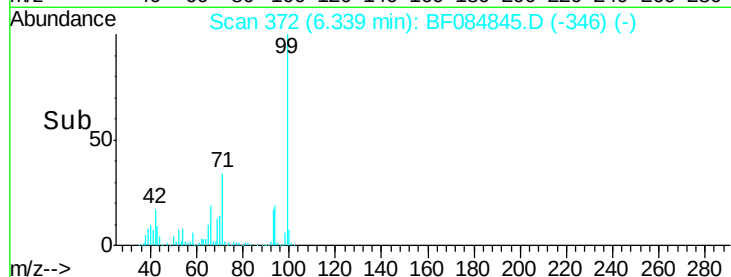
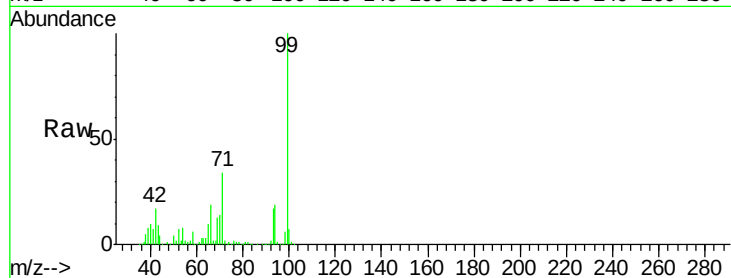
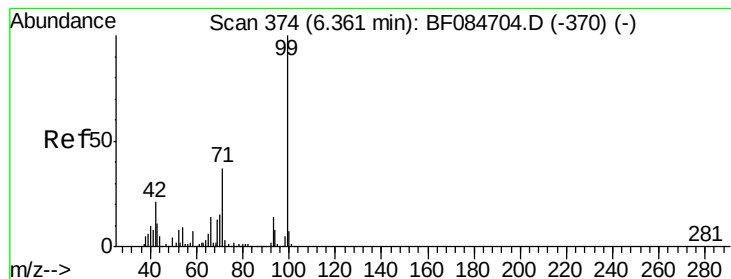


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.42 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tot Ion:	99	Resp:	1513140
Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.8	19.2
71	33.8	30.9	46.3

Instrument :

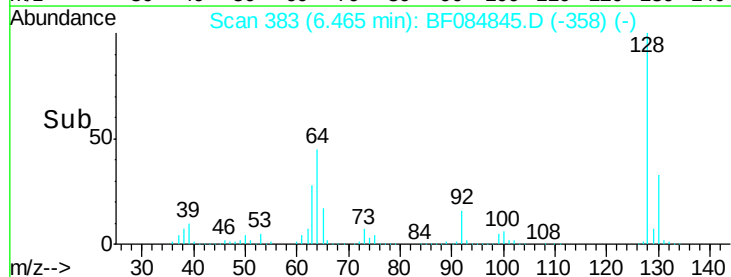
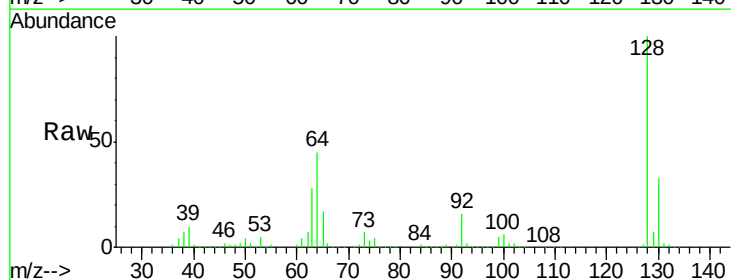
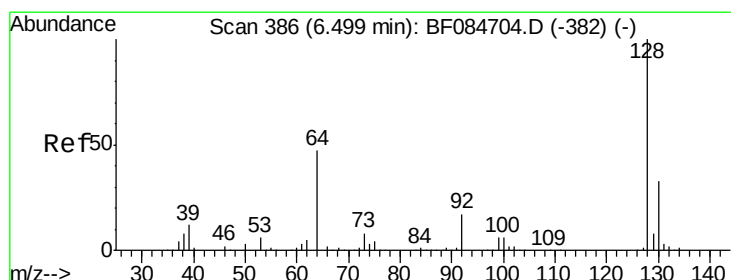
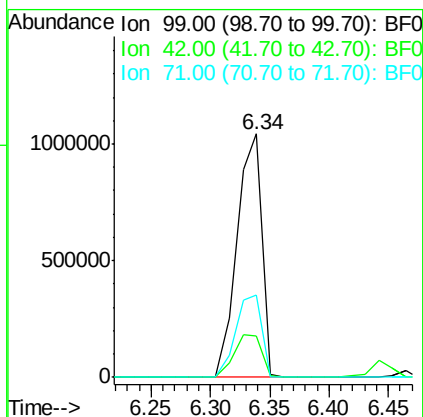
BNA_F

ClientSampleId :

S4-B019(11-13)MS

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#8

2-Chlorophenol

Concen: 43.49 ng

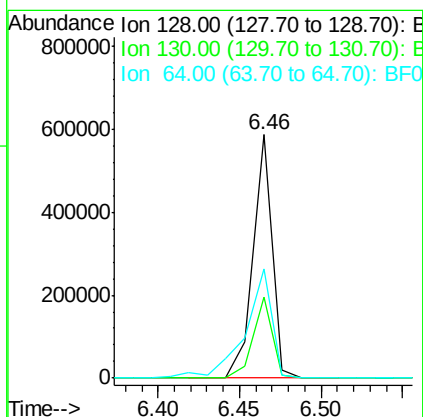
RT: 6.46 min Scan# 383

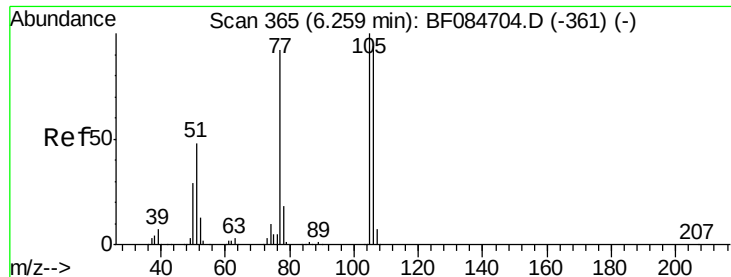
Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	128	Resp:	479005
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	44.8	23.8	63.8





#9

Benzaldehyde

Concen: 24.31 ng

RT: 6.21 min Scan# 361

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

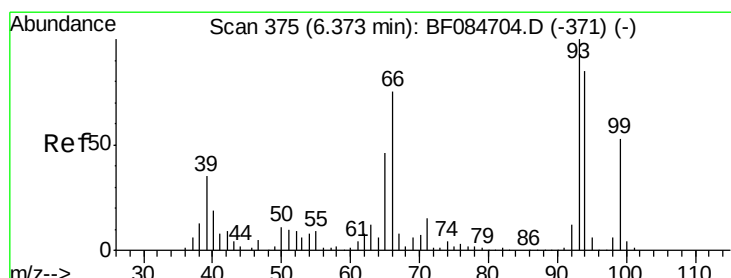
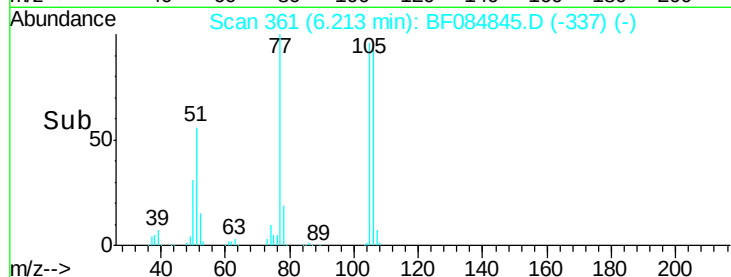
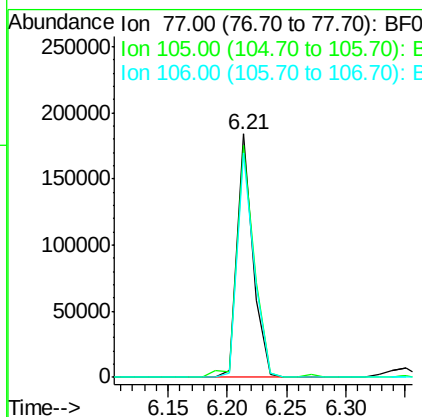
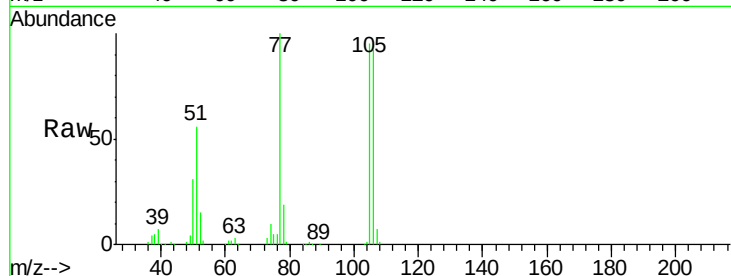
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	77	Resp:	173188
Ion Ratio	Lower	Upper	
77	100		
105	95.2	83.0	123.0
106	92.1	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 44.05 ng

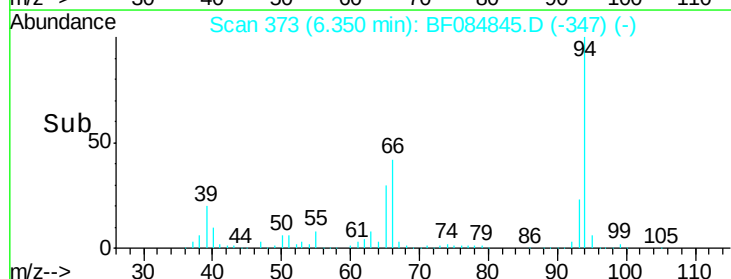
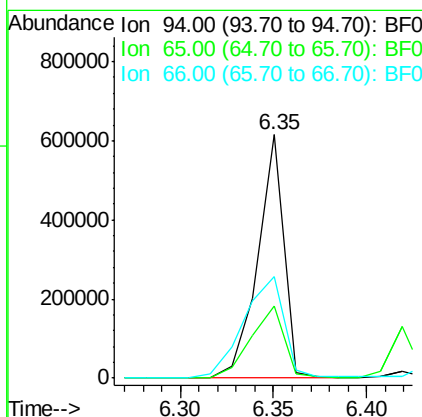
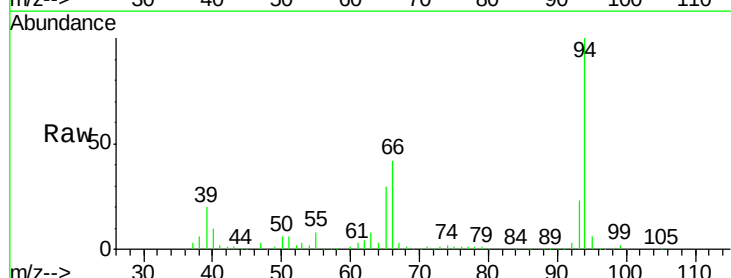
RT: 6.35 min Scan# 373

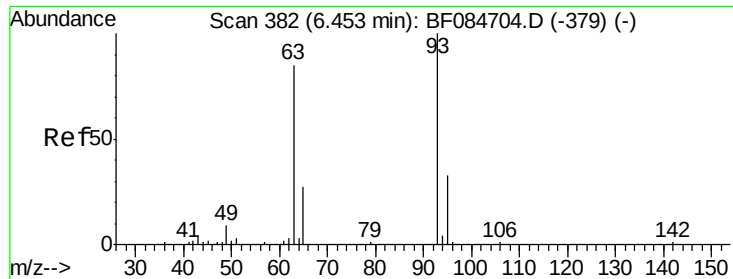
Delta R.T. 0.00 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	94	Resp:	595399
Ion Ratio	Lower	Upper	
94	100		
65	29.5	12.9	52.9
66	41.7	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 41.23 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

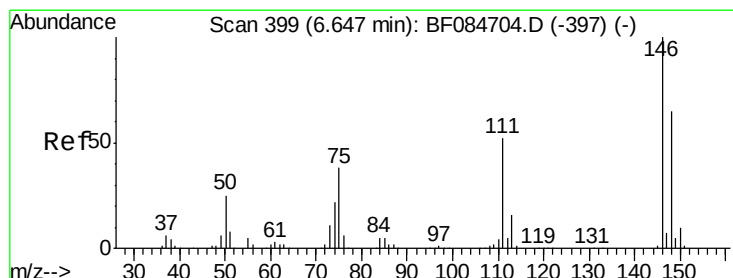
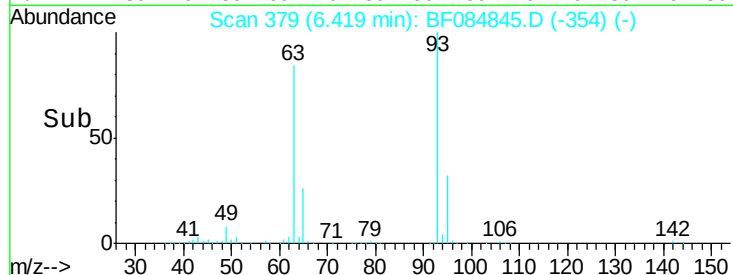
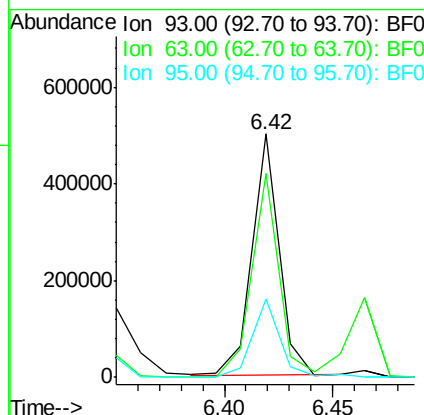
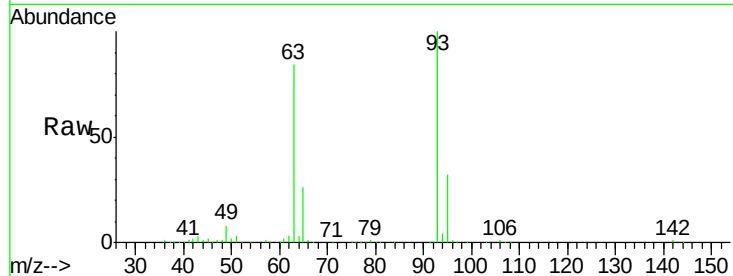
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	93	Resp:	434511
Ion Ratio	Lower	Upper	
93	100		
63	83.6	45.9	85.9
95	32.2	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.73 ng

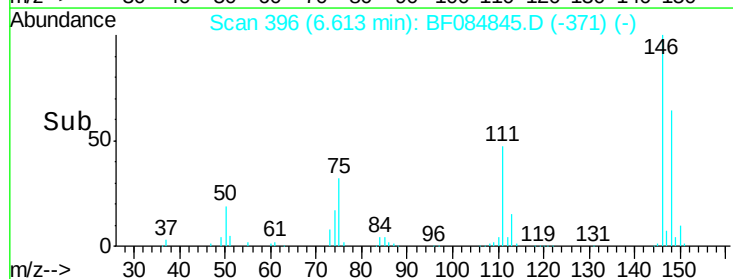
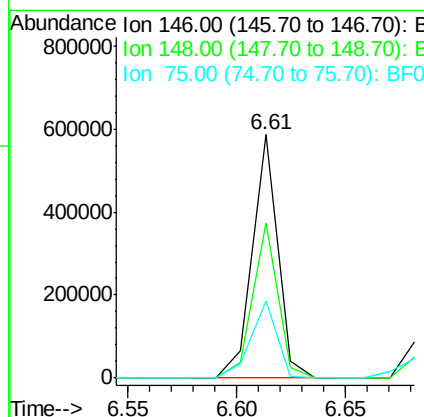
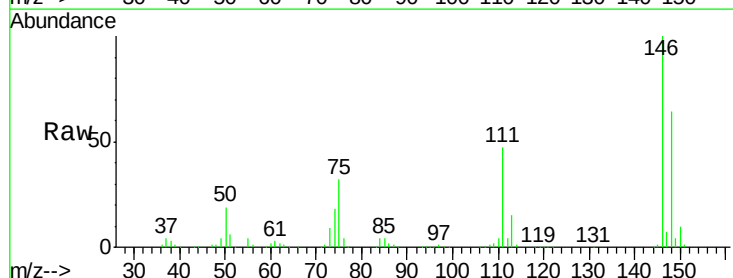
RT: 6.61 min Scan# 396

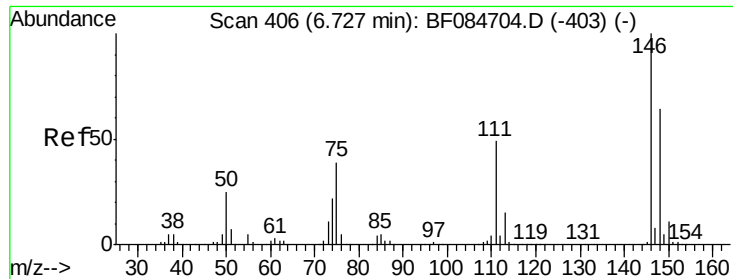
Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	146	Resp:	473957
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
75	31.8	20.5	30.7#





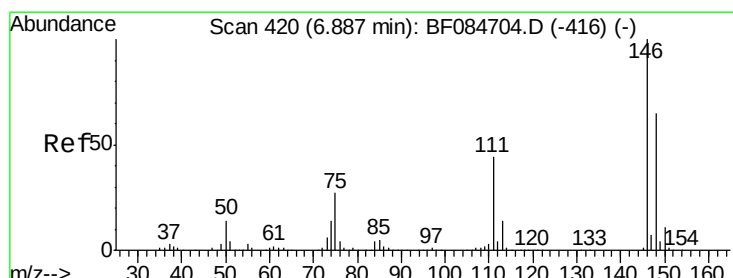
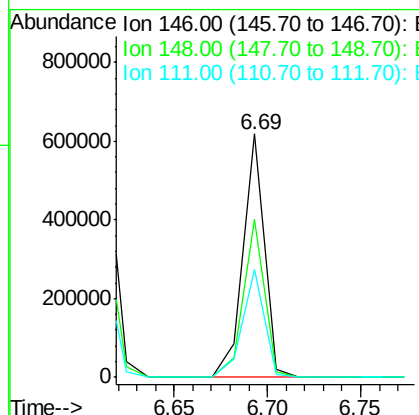
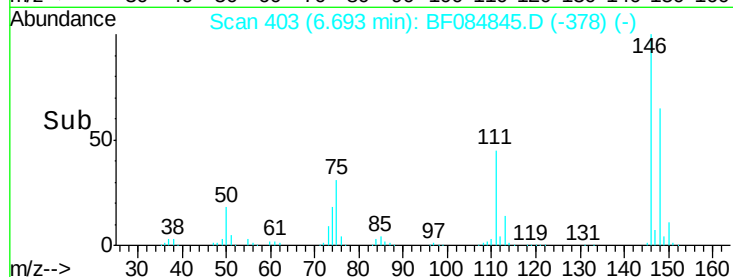
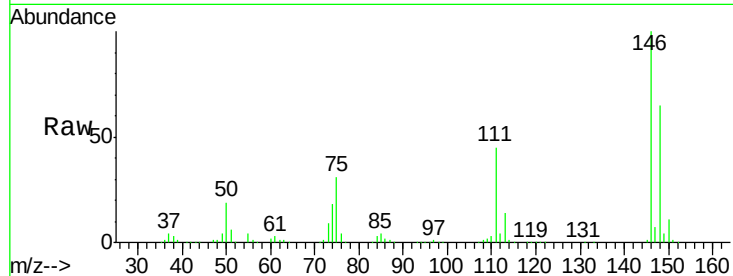
#13
 1,4-Dichlorobenzene
 Concen: 42.86 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	44.5	41.6	62.4

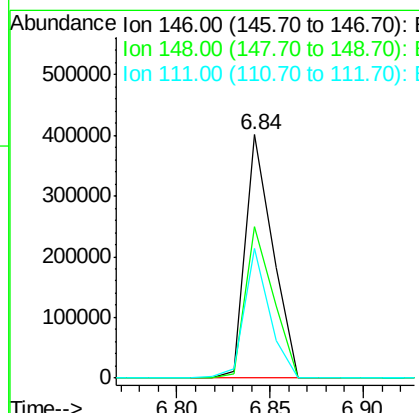
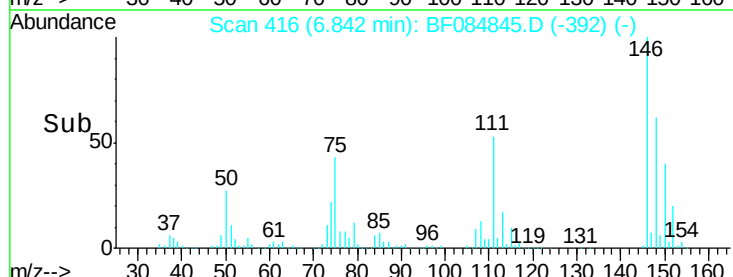
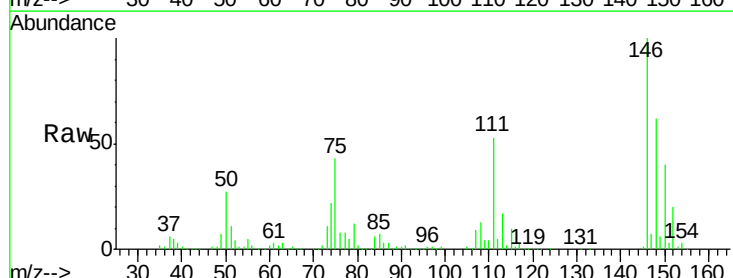
Manual Integrations
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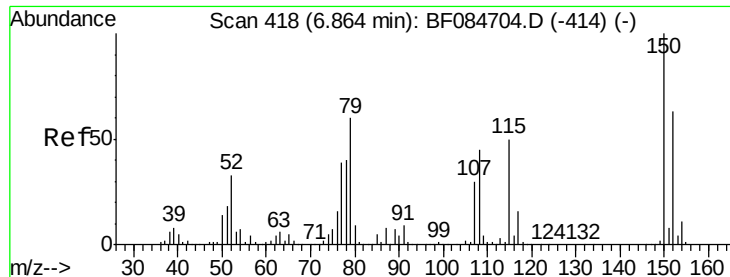
mohammad
 2/5/2016 1:49:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.63 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.6	77.4
111	53.2	38.0	57.0





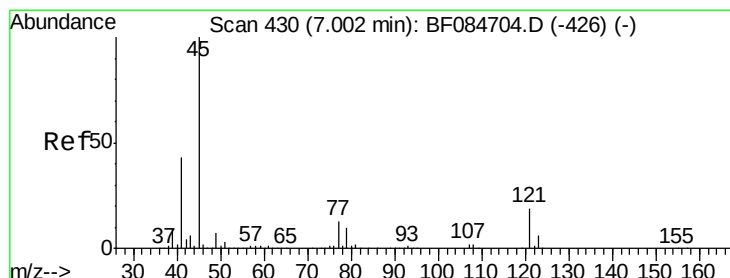
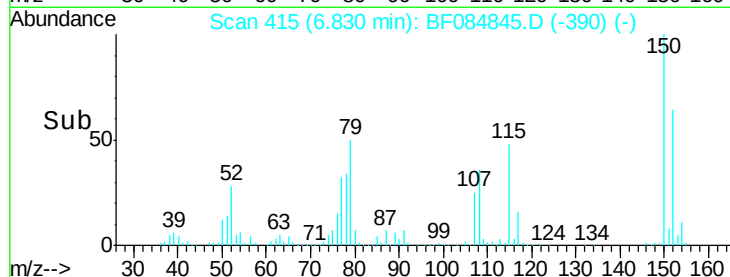
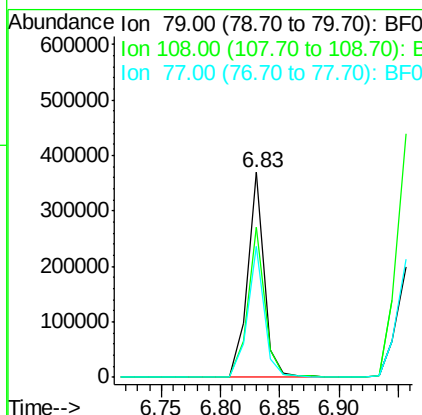
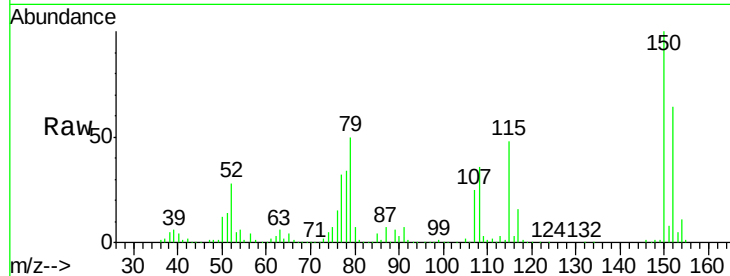
#15
Benzyl Alcohol
Concen: 43.80 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.2	69.0	103.4
77	64.1	50.0	75.0

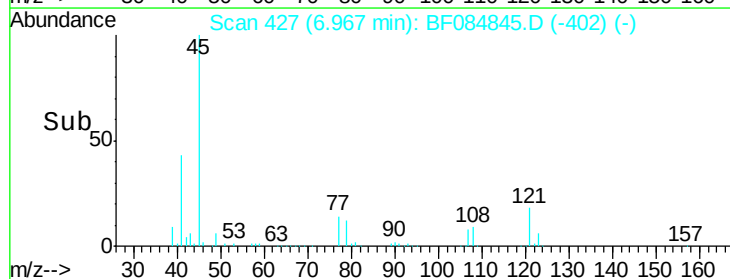
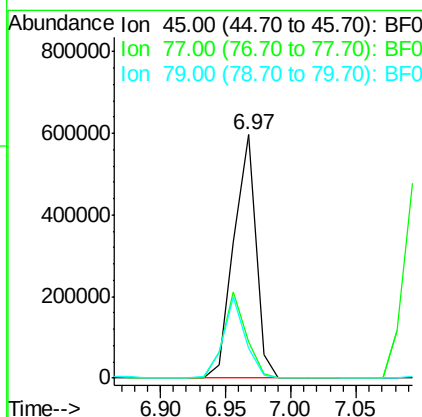
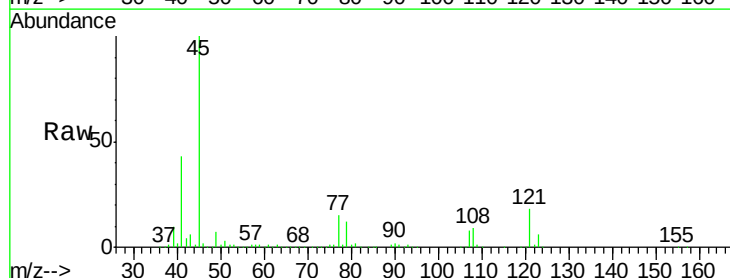
Manual Integrations
APPROVED

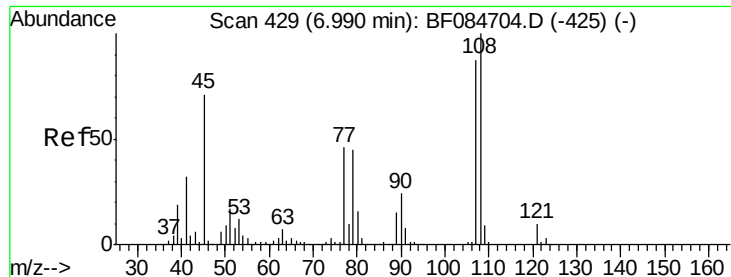
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.49 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	39.6
79	12.3	0.0	35.0





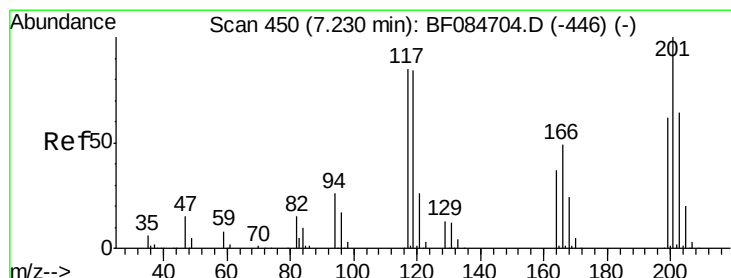
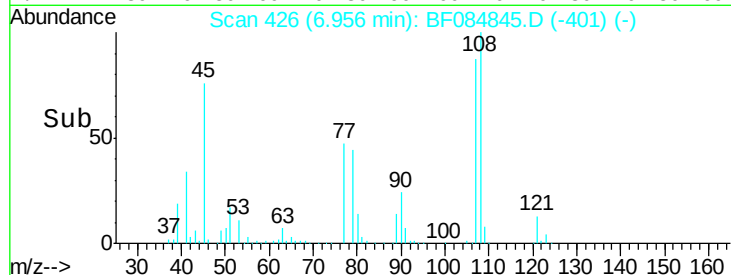
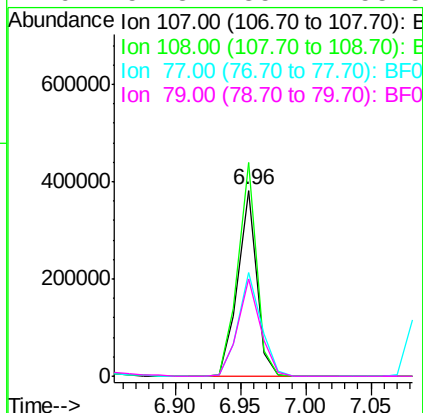
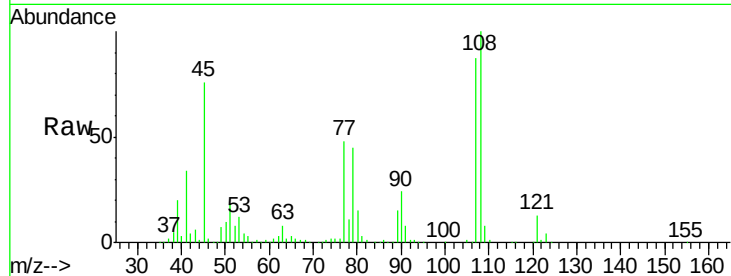
#17
2-Methylphenol
Concen: 43.88 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	89.8	134.6	
77	55.7	35.7	53.5	
79	52.3	35.7	53.5	

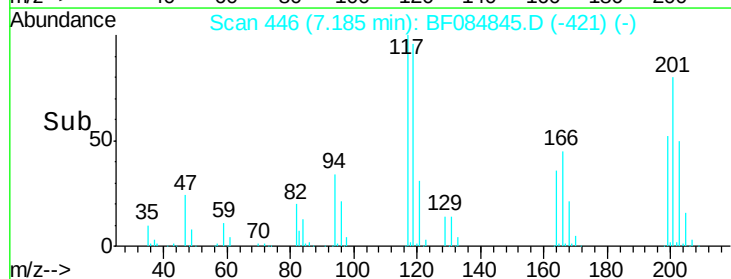
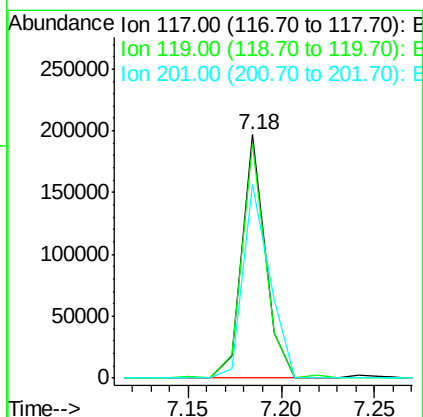
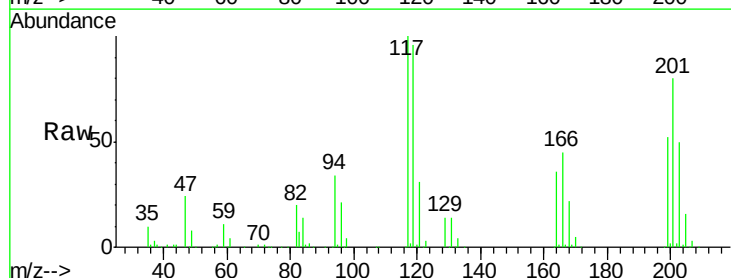
Manual Integrations
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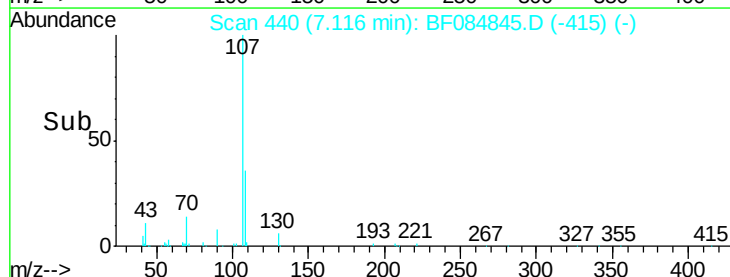
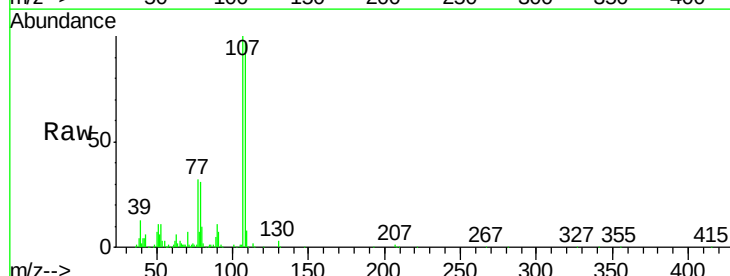
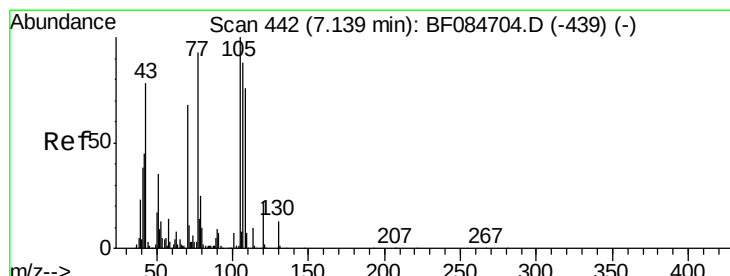
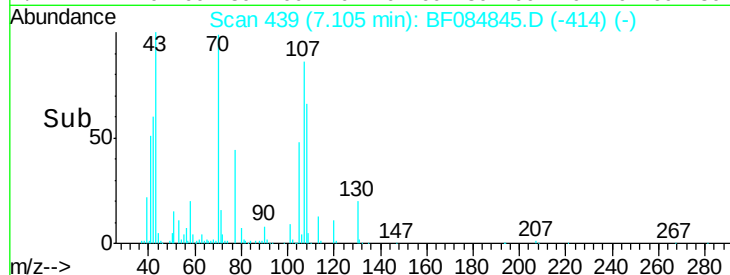
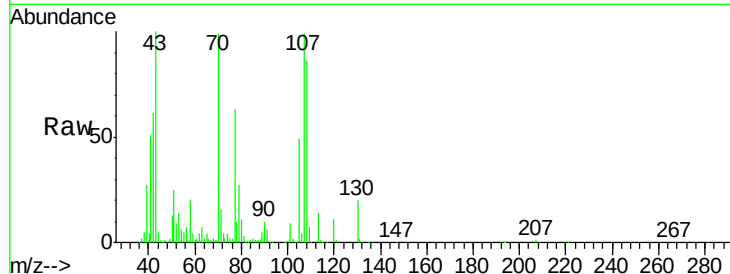
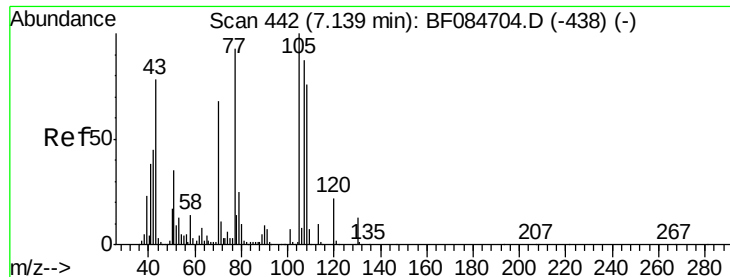
mohammad
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#18
Hexachloroethane
Concen: 38.61 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.4	116.0	
201	79.7	68.6	103.0	





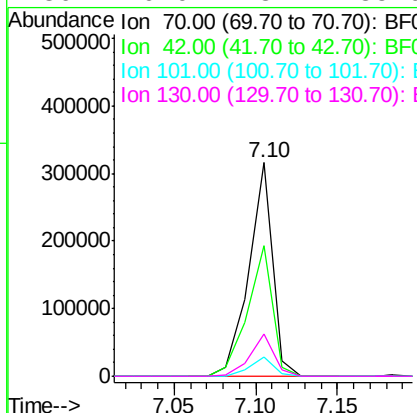
#19
n-Nitroso-di-n-propylamine
Concen: 42.18 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	61.4	33.3	49.9#
101	9.0	9.3	13.9#
130	20.0	23.4	35.0#

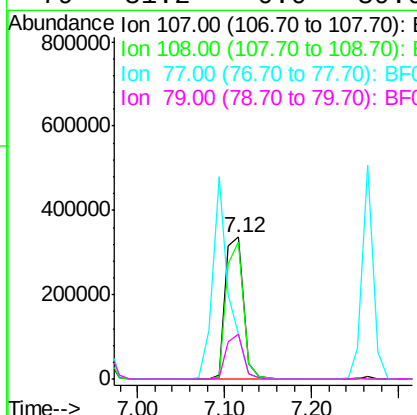
Manual Integrations
APPROVED

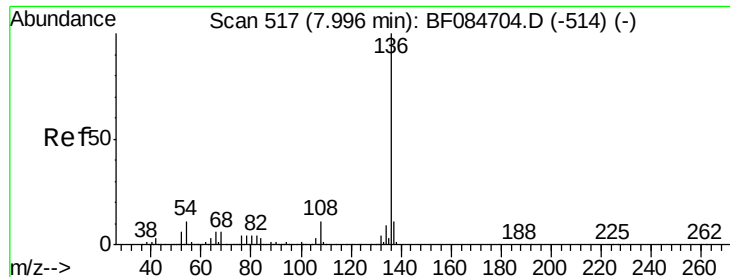
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#20
3+4-Methylphenols
Concen: 44.92 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	96.5	74.6	114.6
77	32.0	0.7	40.7
79	31.2	0.0	39.0





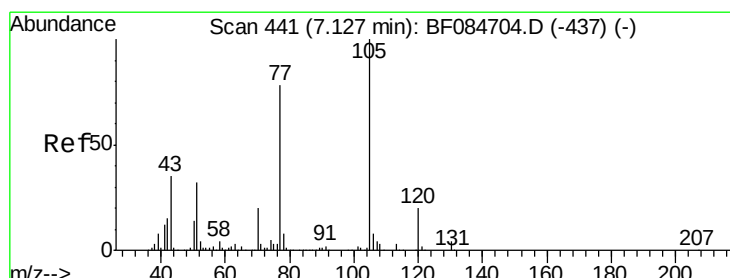
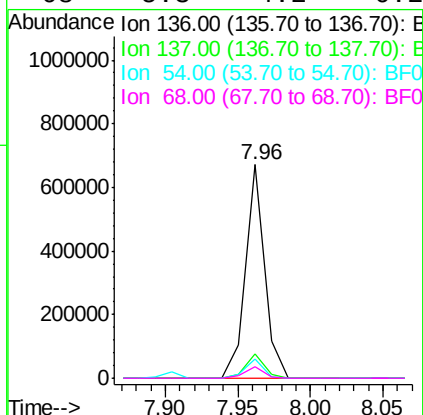
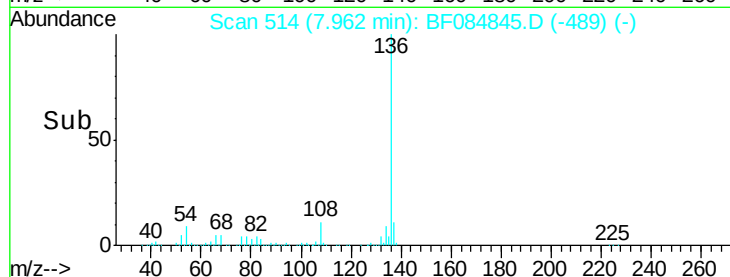
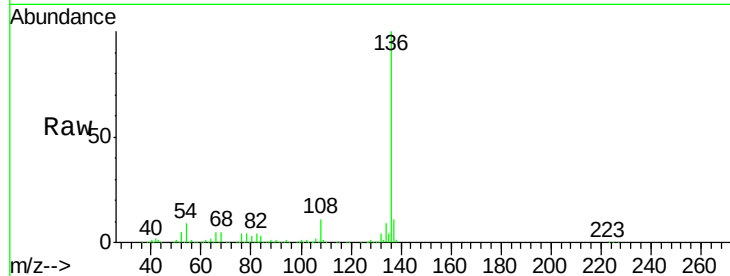
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		613838		
137	11.2	8.7	13.1		
54	9.2	5.8	8.8		
68	5.3	4.2	6.2		

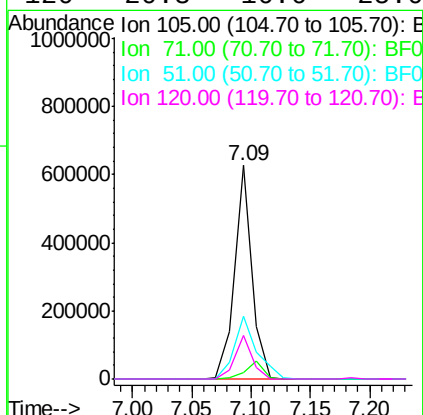
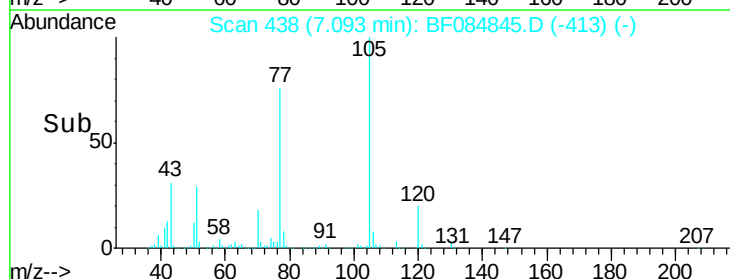
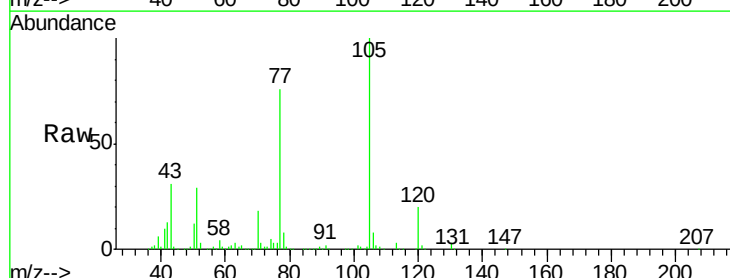
Manual Integrations
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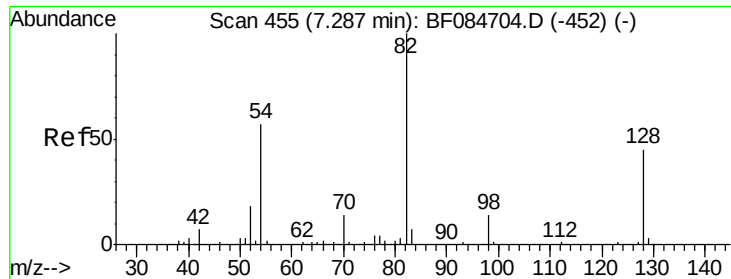
mohammad
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#22
Acetophenone
Concen: 39.46 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		638360		
71	3.1	3.7	5.5		
51	29.5	25.1	37.7		
120	20.3	16.6	25.0		





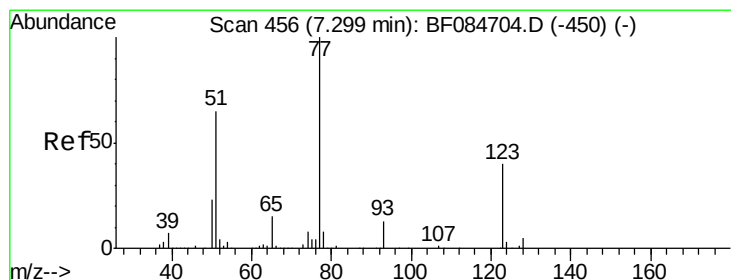
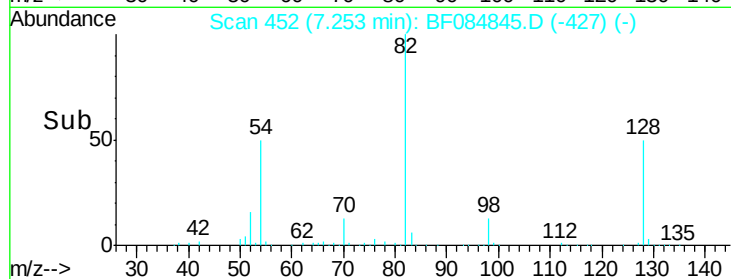
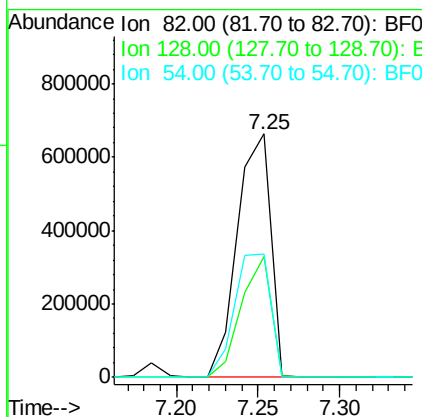
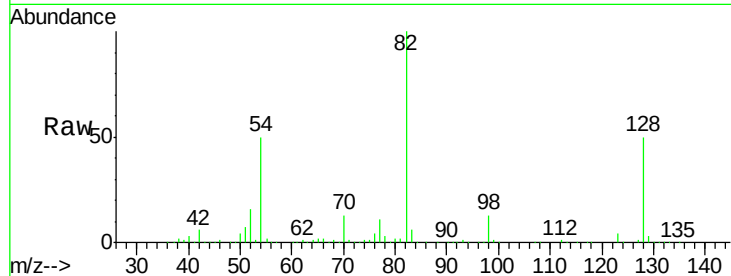
#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.8	34.6	51.8	
54	50.5	38.4	57.6	

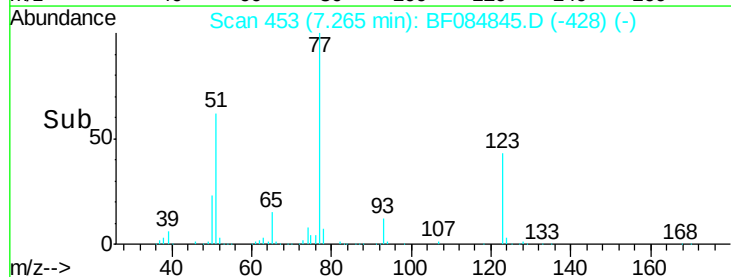
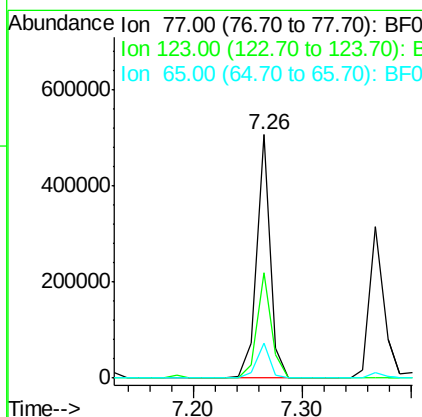
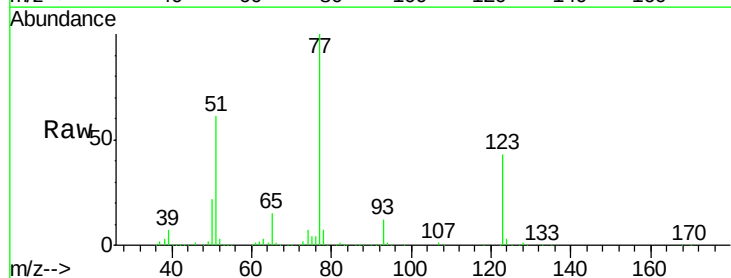
Manual Integrations
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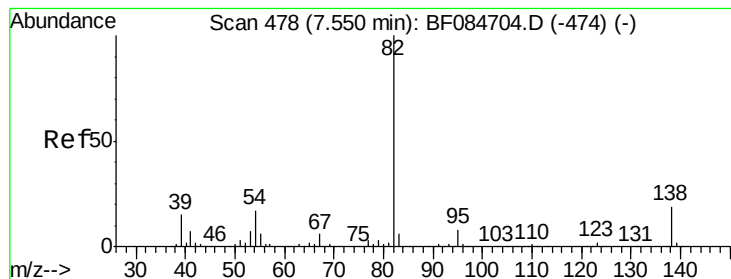
mohammad
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#24
 Nitrobenzene
 Concen: 38.06 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.4	37.4	56.2	
65	14.5	10.9	16.3	





#25

Isophorone

Concen: 39.47 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

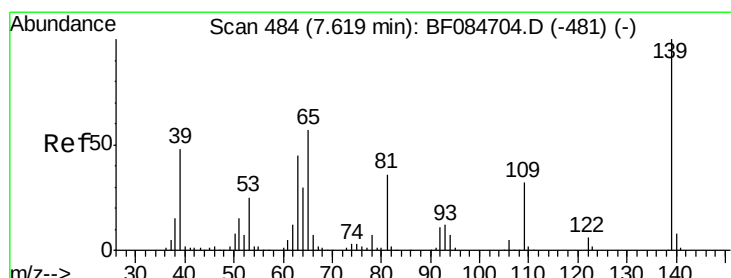
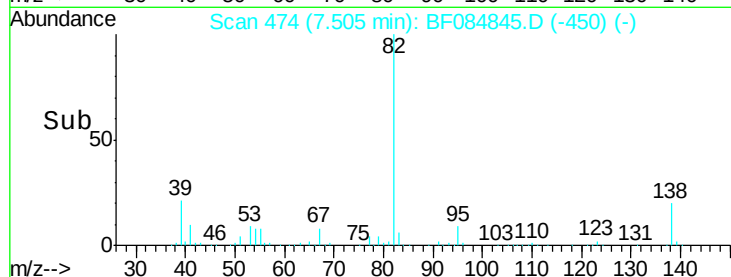
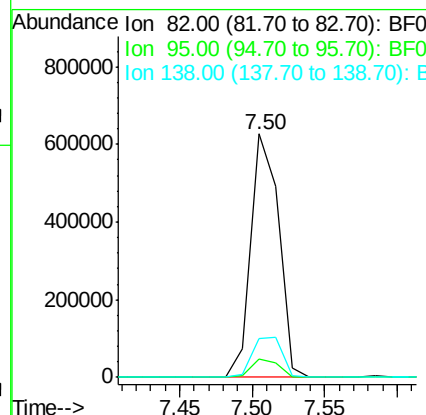
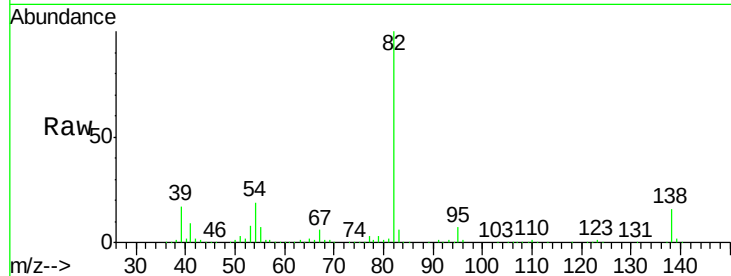
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	82	Resp:	836390
Ion Ratio		Lower	Upper
82	100		
95	7.5	6.6	10.0
138	15.9	13.6	20.4

Manual Integrations
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2/5/2016 1:49:07 PM



#26

2-Nitrophenol

Concen: 44.94 ng

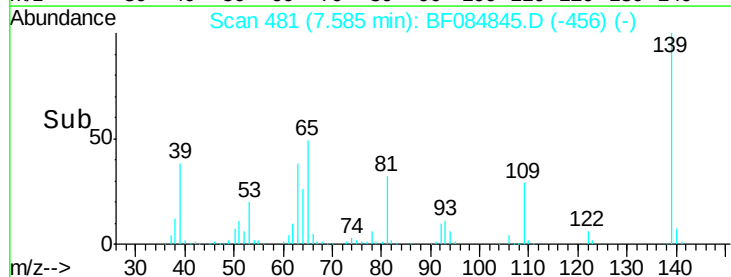
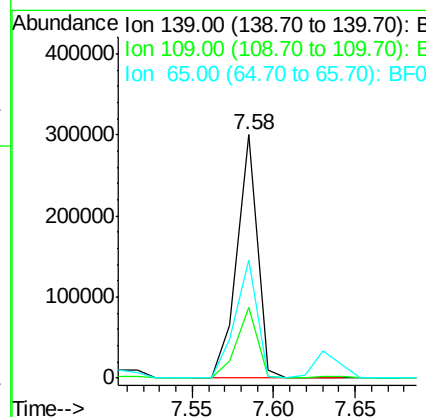
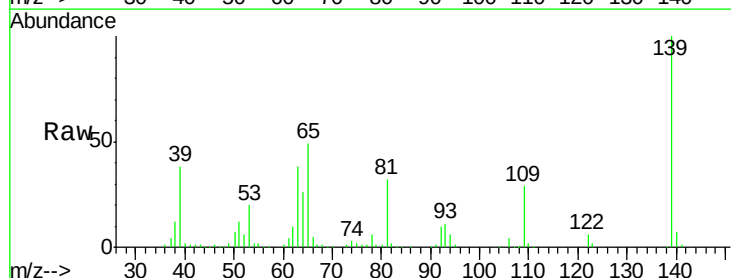
RT: 7.58 min Scan# 481

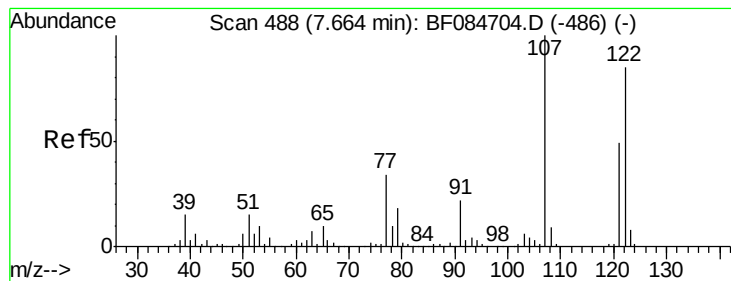
Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	139	Resp:	258613
Ion Ratio		Lower	Upper
139	100		
109	29.2	25.4	38.2
65	48.7	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 38.61 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

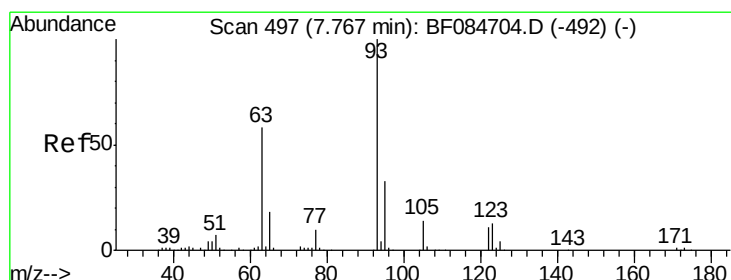
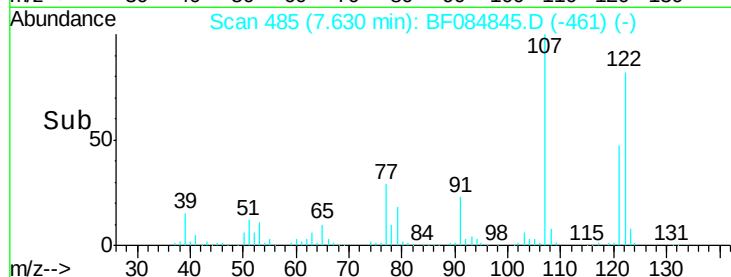
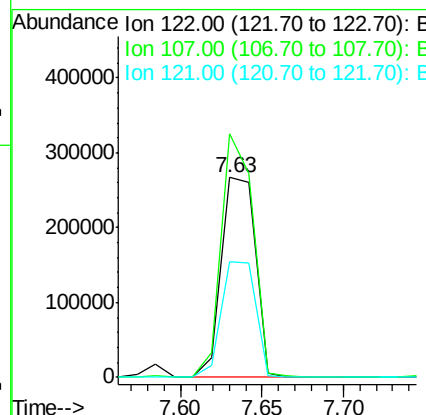
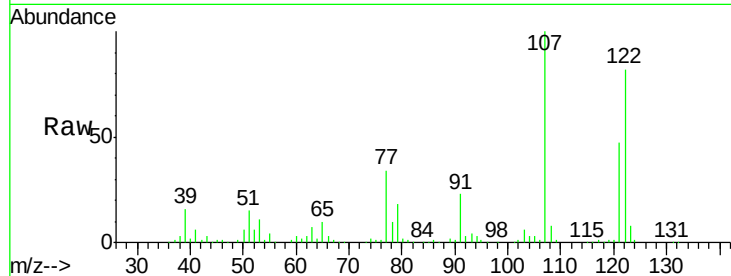
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	122	Resp:	386524
Ion Ratio	Lower	Upper	
122	100		
107	121.8	99.1	148.7
121	57.6	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.33 ng

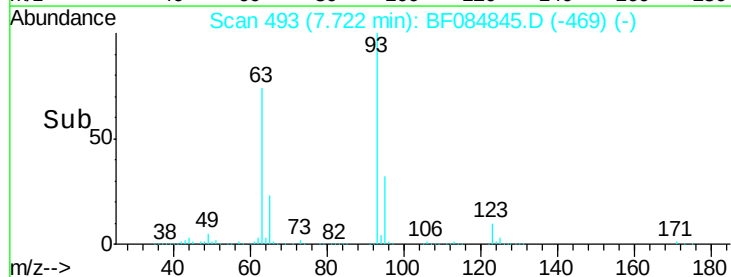
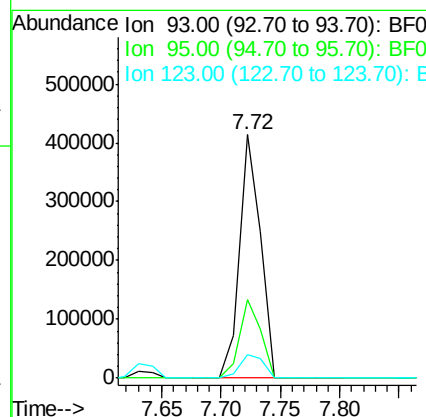
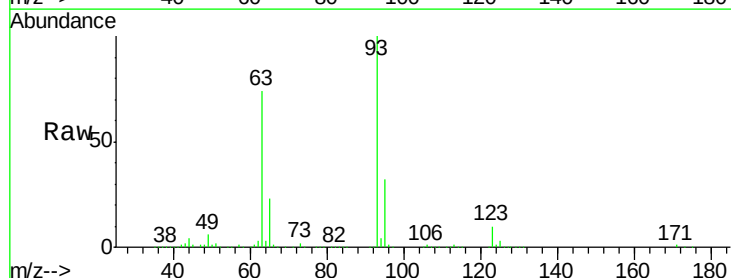
RT: 7.72 min Scan# 493

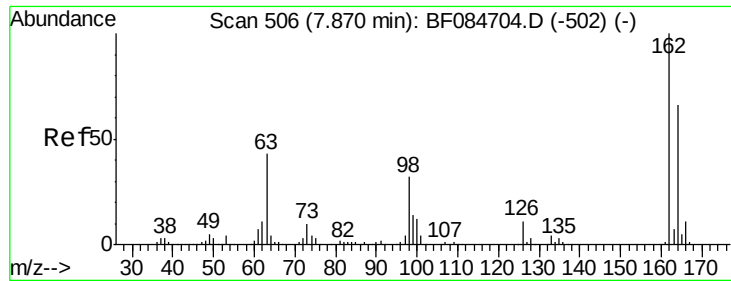
Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	93	Resp:	506968
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.6
123	9.9	8.6	12.8





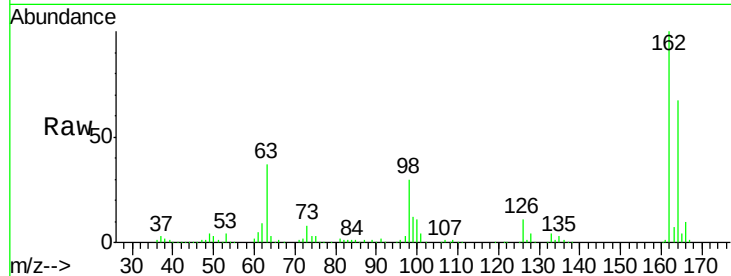
#29
 2,4-Dichlorophenol
 Concen: 41.55 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

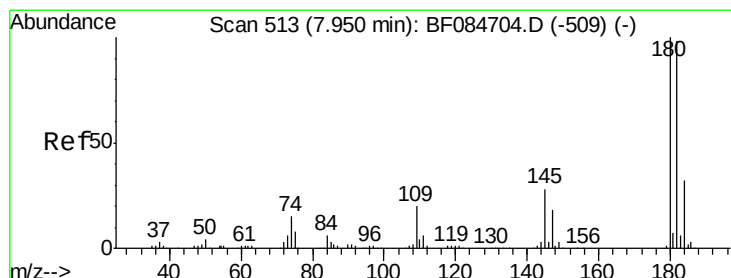
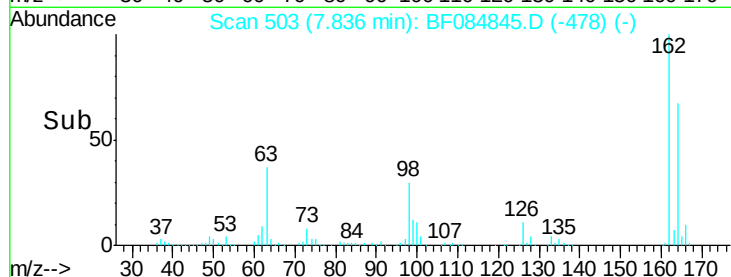
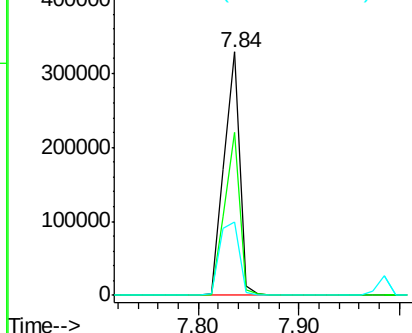
Tot Ion:	162	Resp:	355841
Ion Ratio	Lower	Upper	
162	100		
164	66.7	44.1	84.1
98	29.9	20.2	60.2

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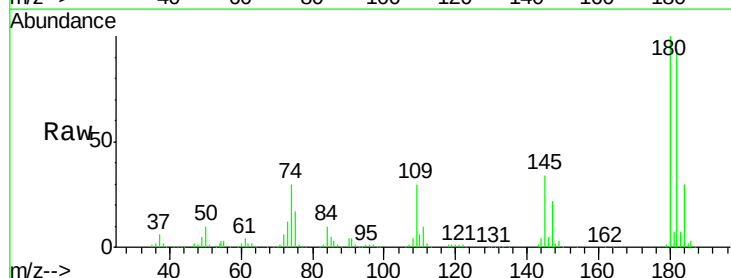


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

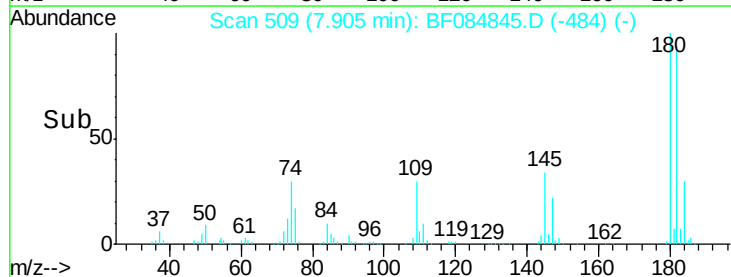
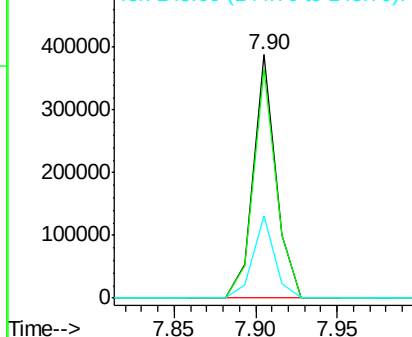


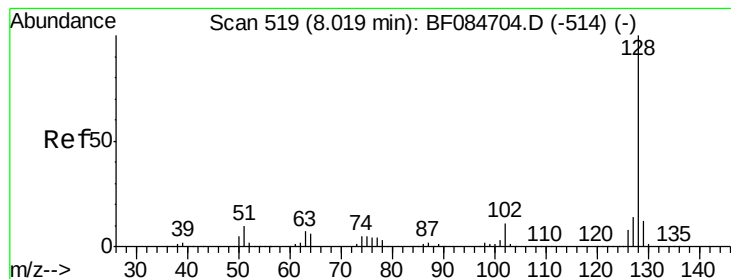
#30
 1,2,4-Trichlorobenzene
 Concen: 38.59 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tgt Ion:	180	Resp:	373356
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.4	114.6
145	33.7	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.12 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

ClientSampleId :

S4-B019(11-13)MS

Tot Ion:128 Resp: 1481508

Ion Ratio Lower Upper

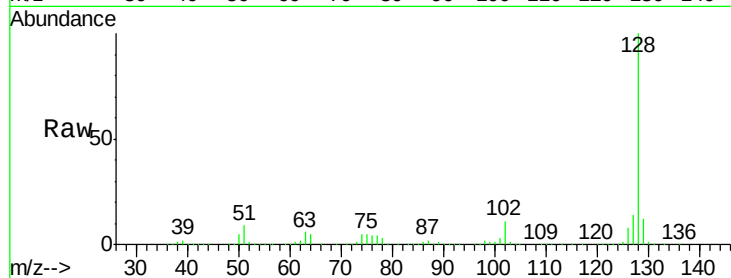
128 100

129 11.7 9.1 13.7

127 13.9 11.1 16.7

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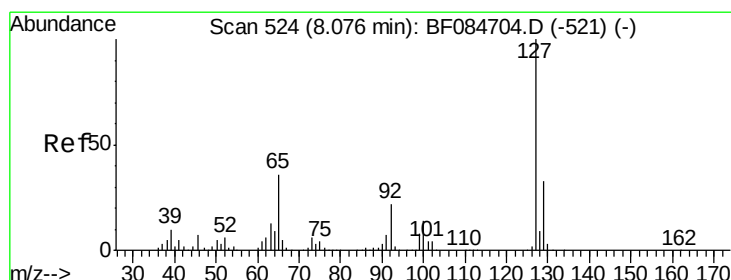
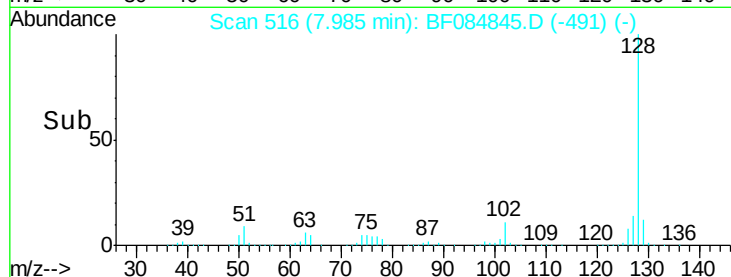
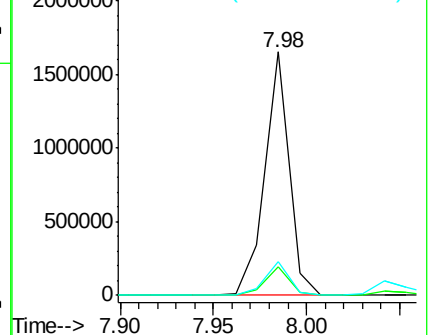
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 10.45 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:127 Resp: 133035

Ion Ratio Lower Upper

127 100

129 31.1 26.5 39.7

65 30.2 27.2 40.8

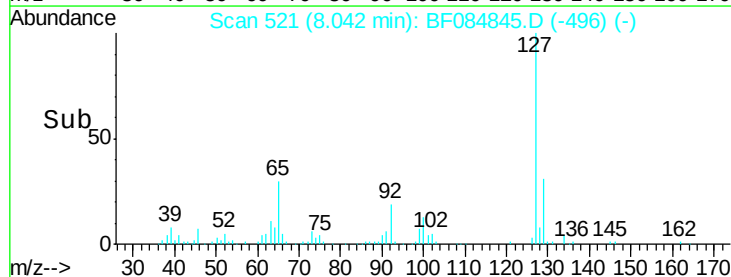
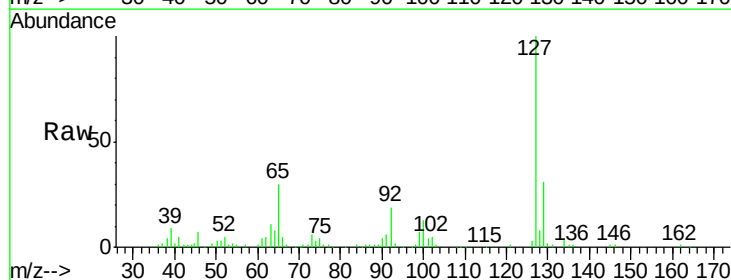
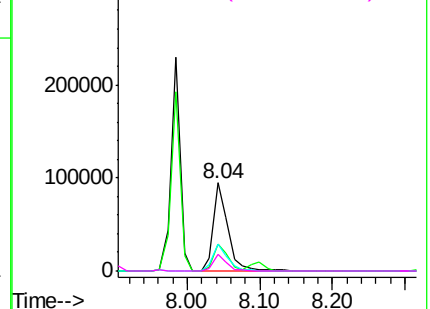
92 19.0 17.7 26.5

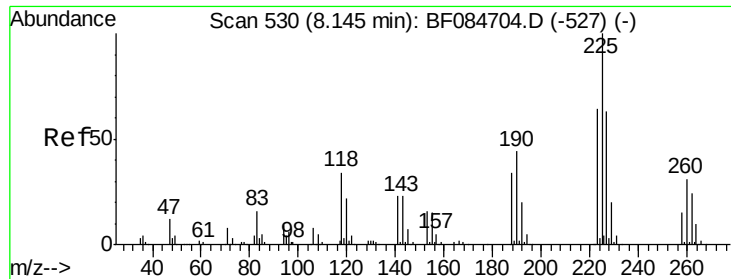
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





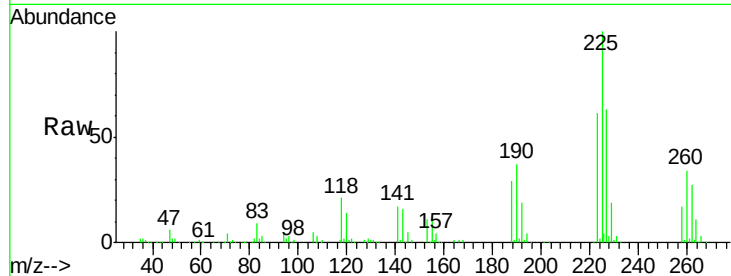
#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

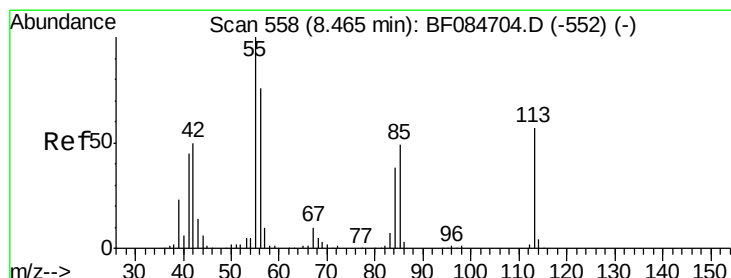
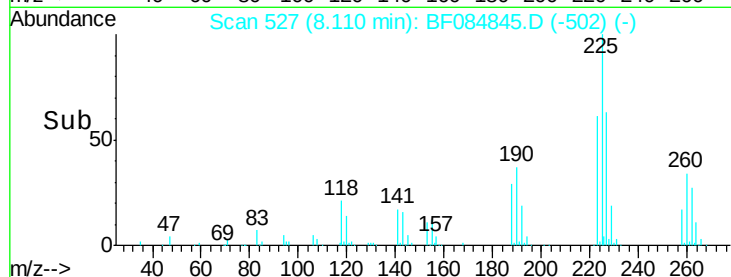
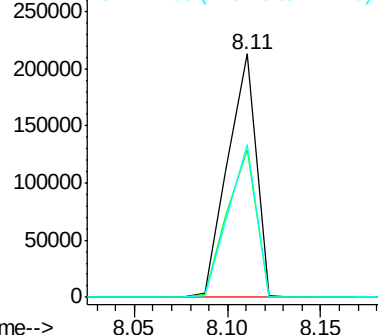
Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	60.8	49.4	74.0
227	62.8	50.8	76.2

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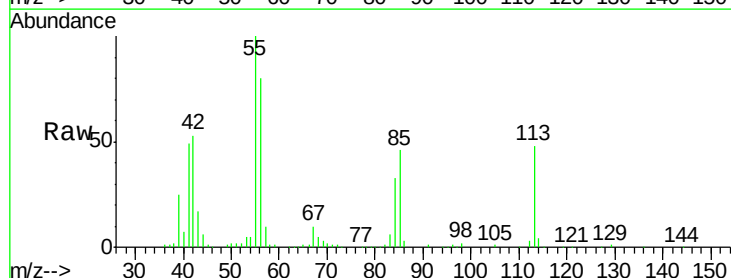


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

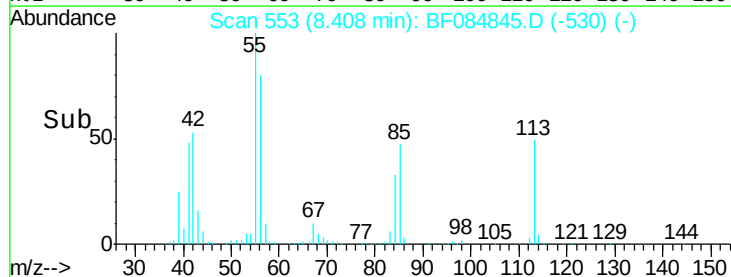
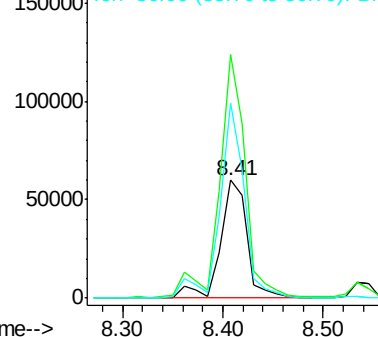


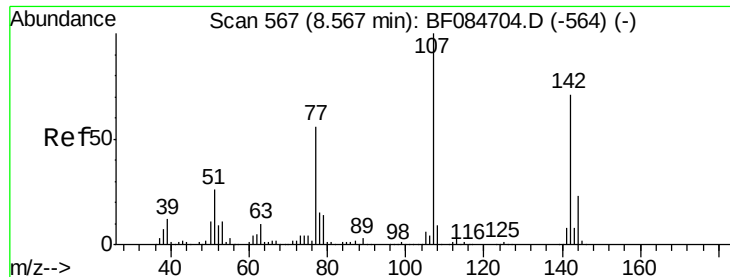
#35
Caprolactam
Concen: 41.48 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	206.5	116.9	156.9#
56	165.2	93.8	133.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





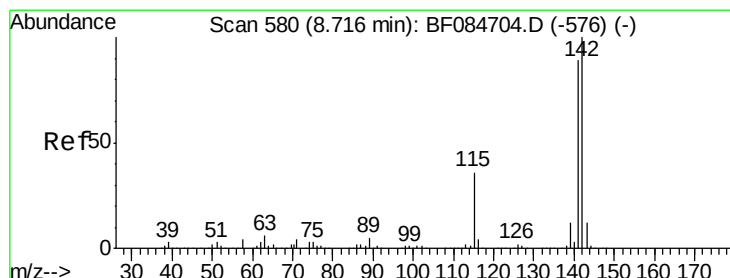
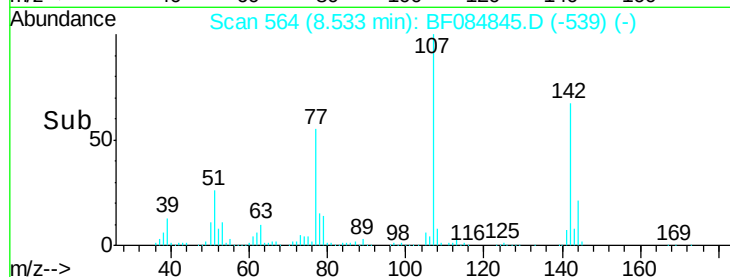
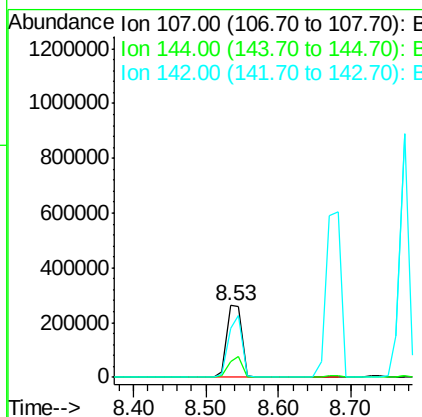
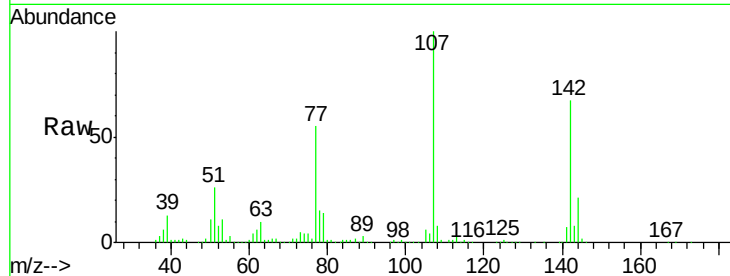
#36
4-Chloro-3-methylphenol
Concen: 38.84 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.0	19.7	29.5
142	67.3	61.8	92.6

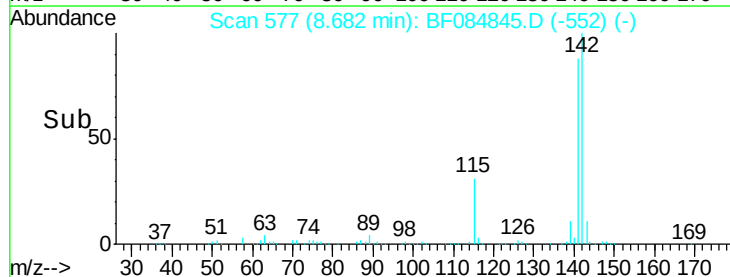
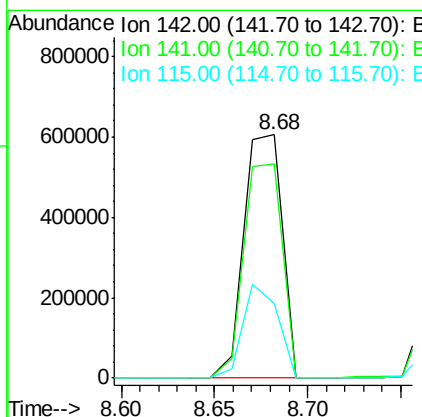
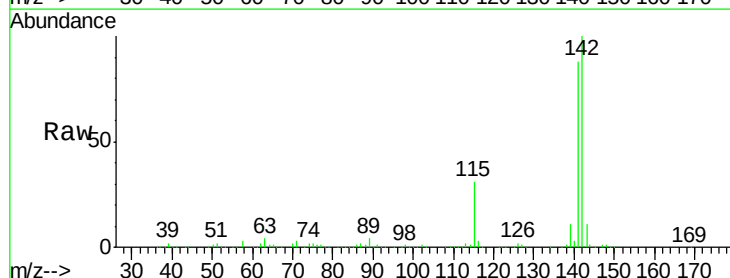
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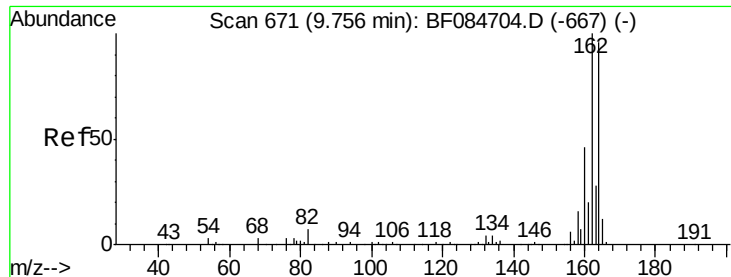
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#37
2-Methylnaphthalene
Concen: 44.75 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.4	108.6
115	30.7	27.9	41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

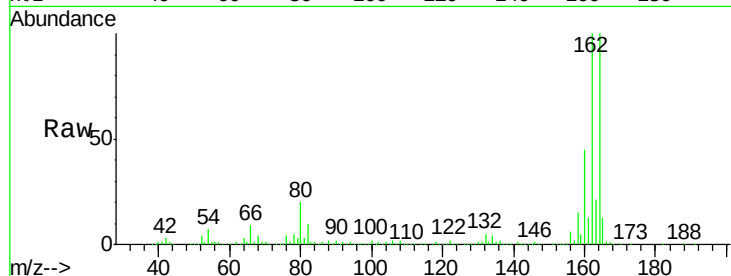
ClientSampleId :

S4-B019(11-13)MS

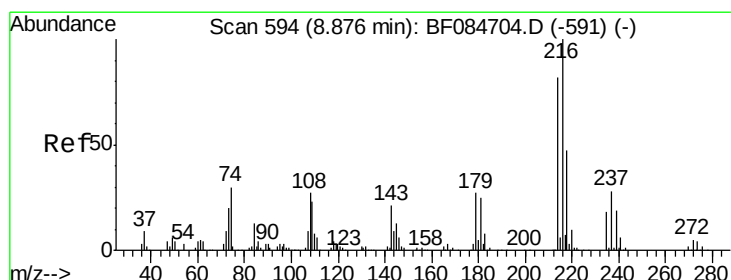
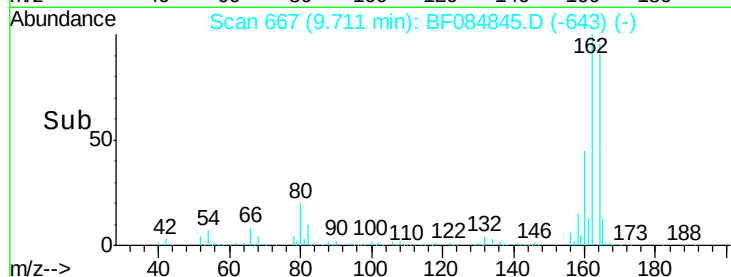
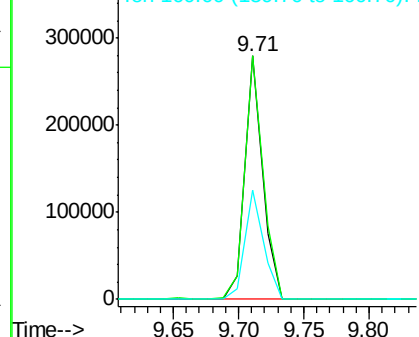
Tot Ion:	164	Resp:	263179
Ion Ratio	Lower	Upper	
164	100		
162	100.0	85.1	127.7
160	44.8	37.5	56.3

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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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.71 ng

RT: 8.84 min Scan# 591

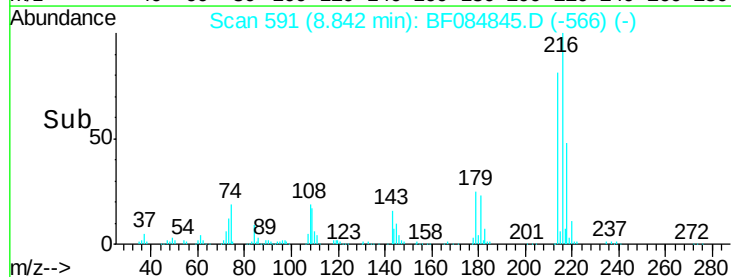
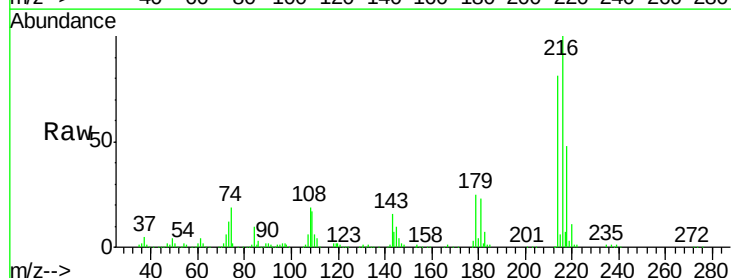
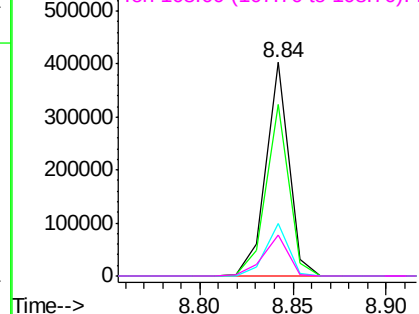
Delta R.T. -0.01 min

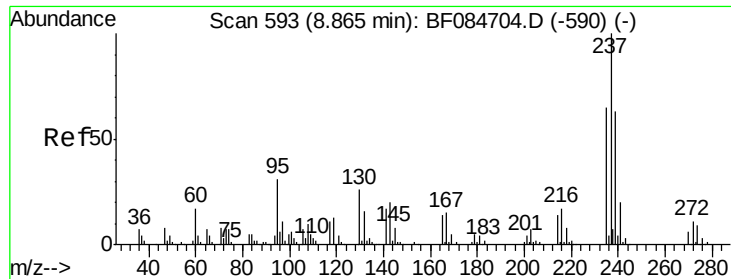
Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	216	Resp:	340252
Ion Ratio	Lower	Upper	
216	100		
214	80.4	64.2	96.2
179	24.3	18.7	28.1
108	21.1	16.8	25.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





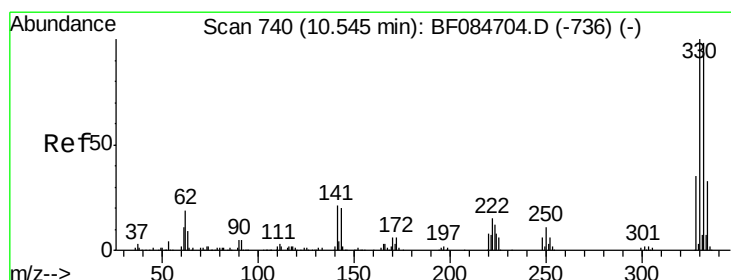
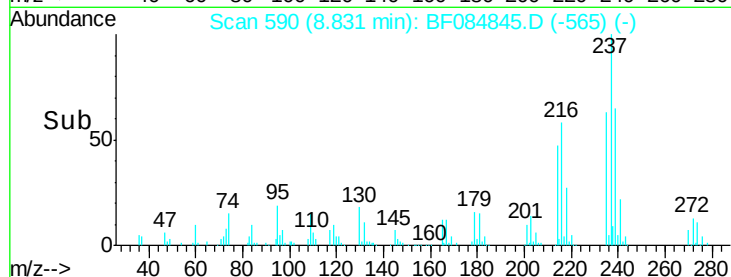
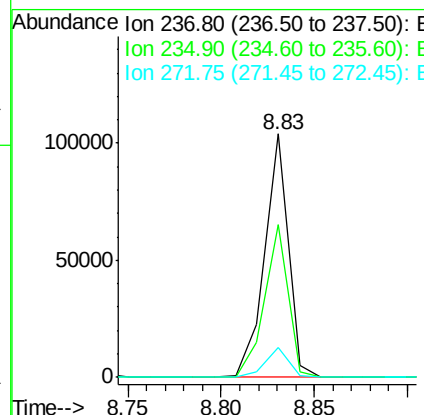
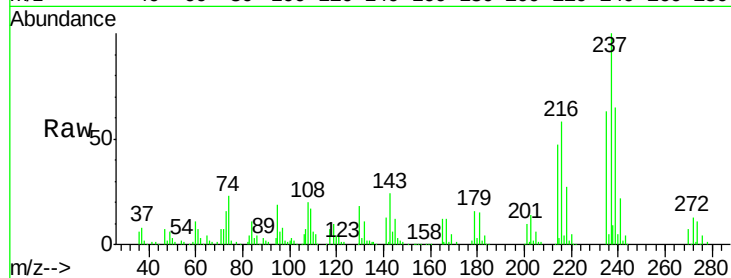
#40
Hexachlorocyclopentadiene
Concen: 32.94 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	43.1	83.1
272	12.5	0.0	35.1

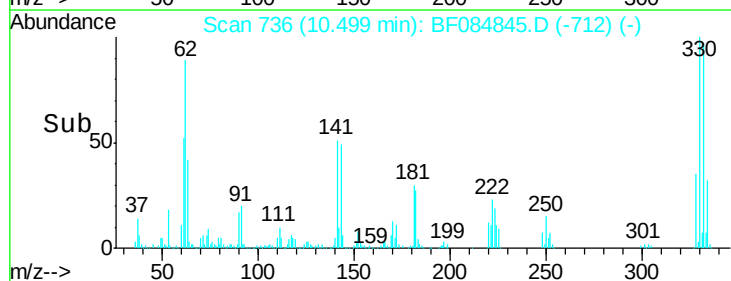
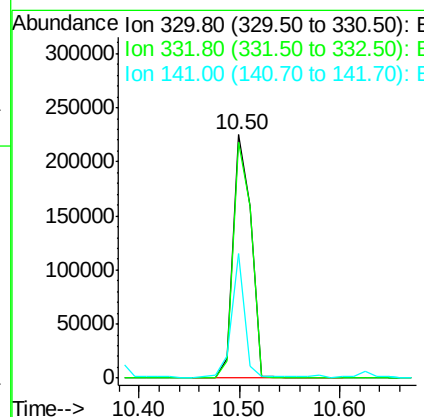
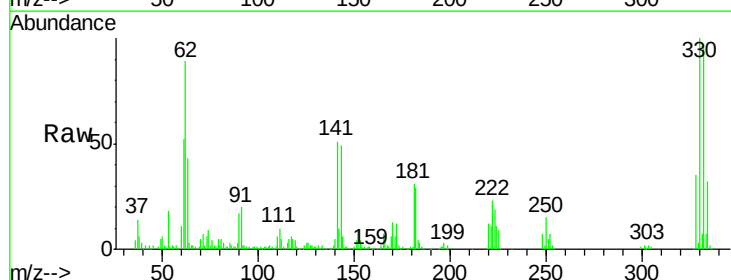
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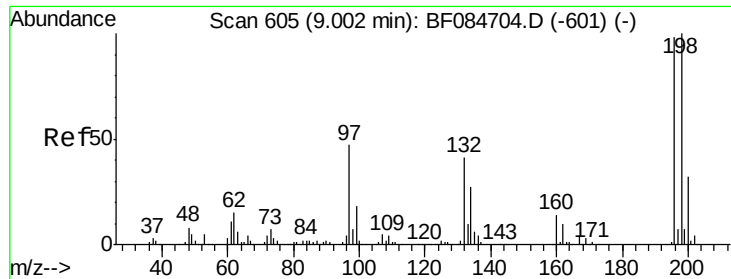
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#41
2,4,6-Tribromophenol
Concen: 101.79 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.0	76.6	114.8
141	36.9	27.8	41.6





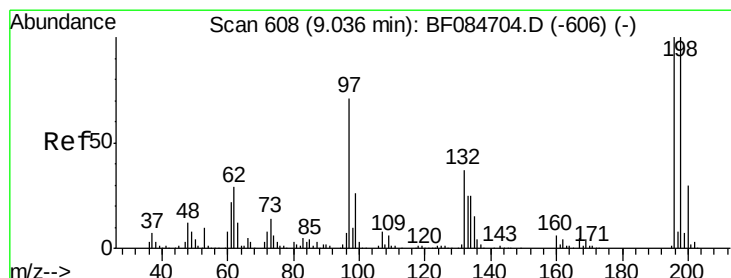
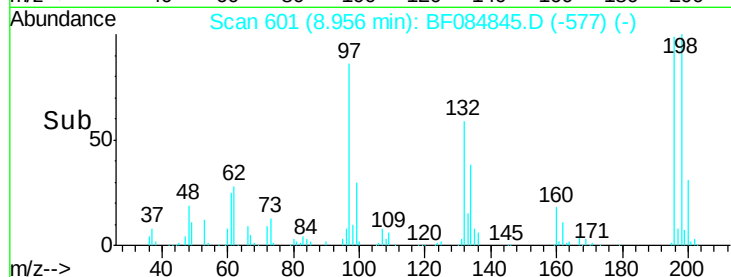
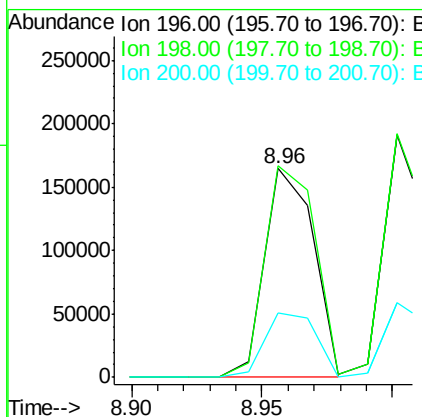
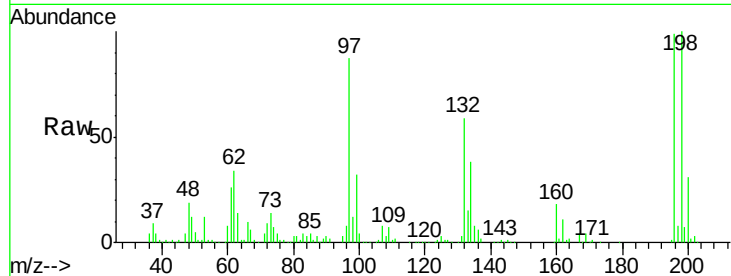
#42
2,4,6-Trichlorophenol
Concen: 40.15 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216216		
198	101.1	77.7	116.5	
200	30.9	24.6	37.0	

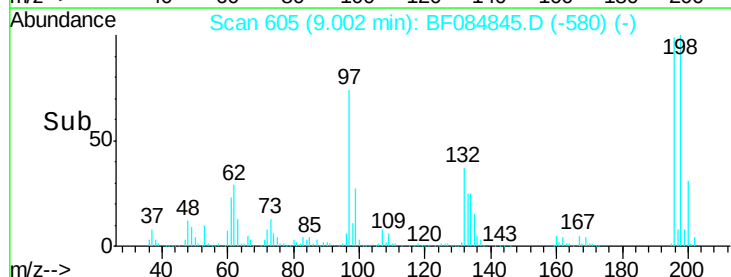
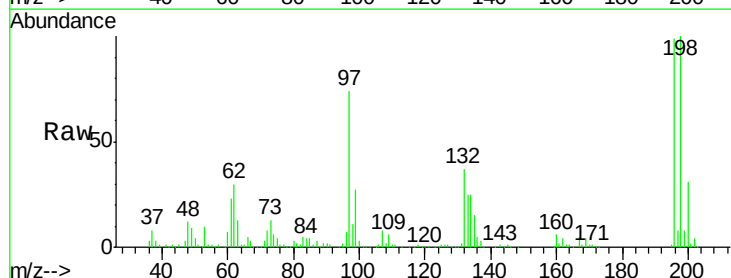
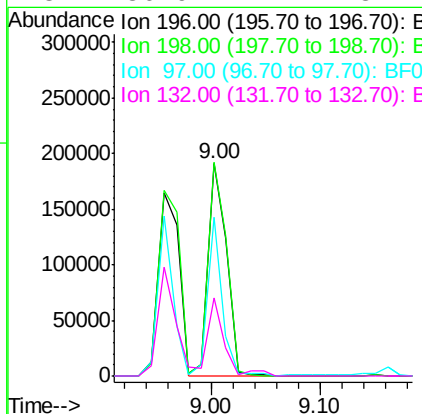
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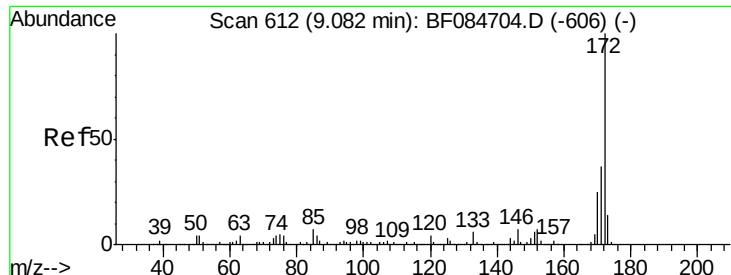
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#43
2,4,5-Trichlorophenol
Concen: 41.83 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228857		
198	100.6	79.0	118.6	
97	74.6	33.0	49.6#	
132	36.9	21.1	31.7#	





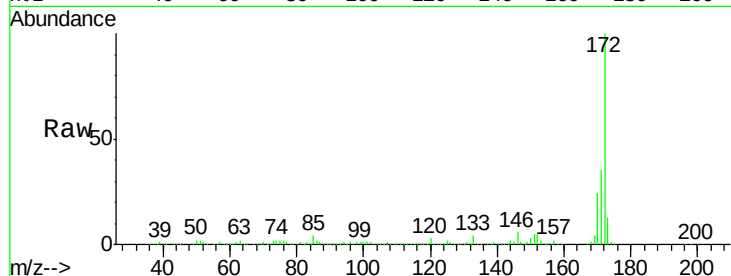
#44
2-Fluorobiphenyl
Concen: 89.78 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.2	18.6	27.8

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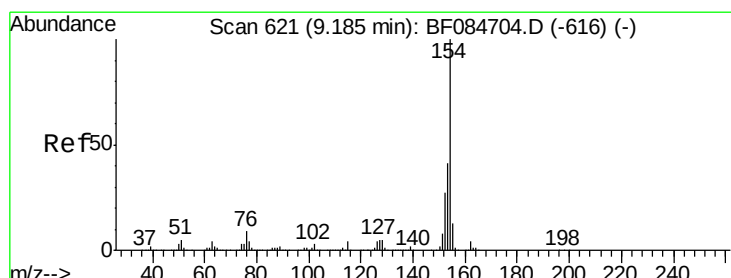
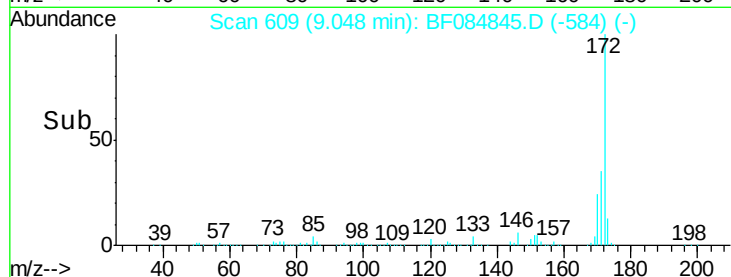
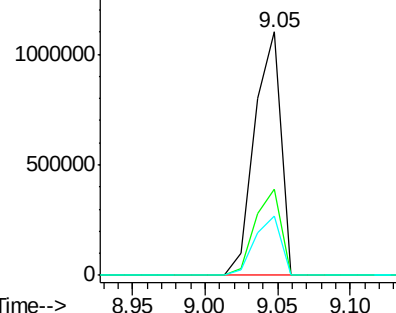


Abundance

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



#45
1,1'-Biphenyl
Concen: 39.83 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

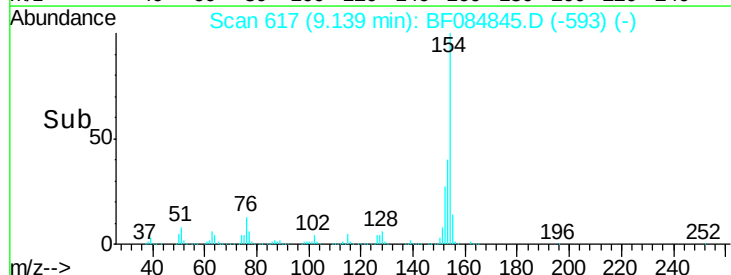
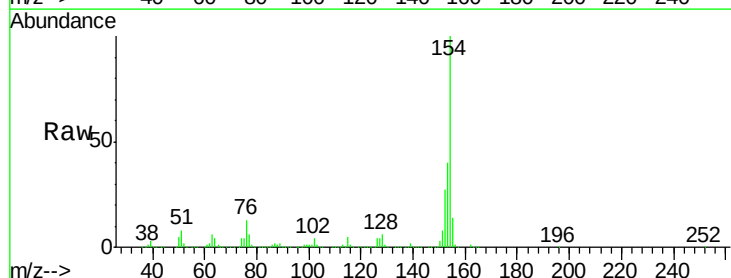
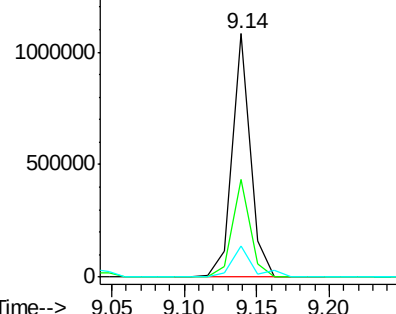
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.6	61.6
76	13.0	0.0	32.7

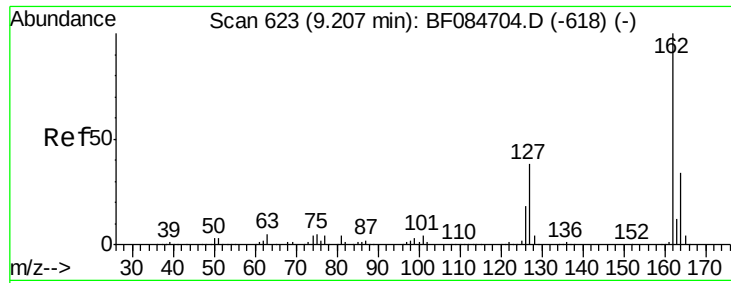
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





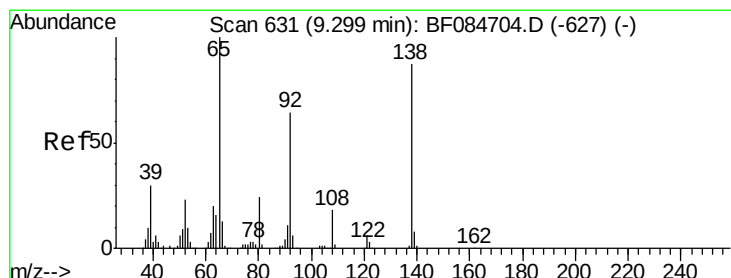
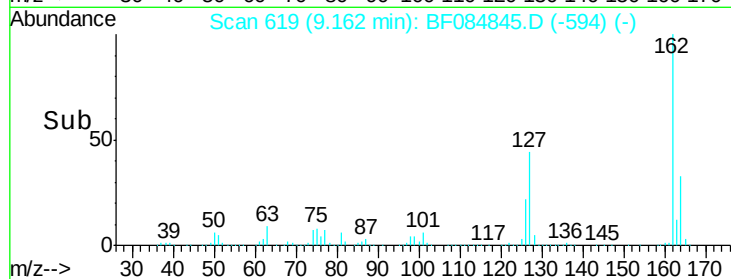
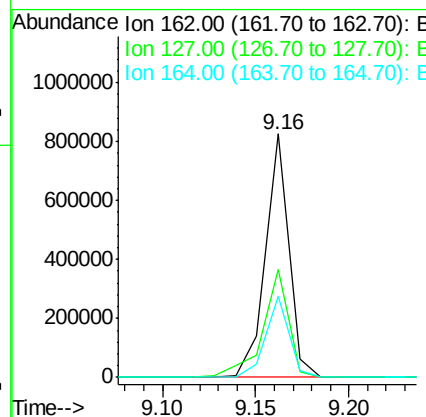
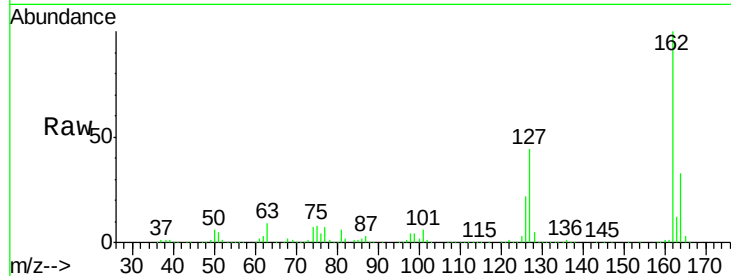
#46
2-Chloronaphthalene
Concen: 41.08 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	44.1	40.2	60.4
164	33.1	25.7	38.5

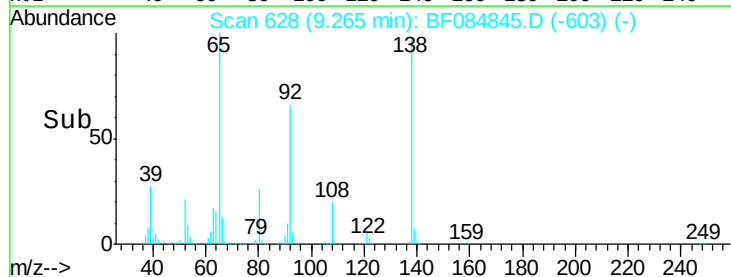
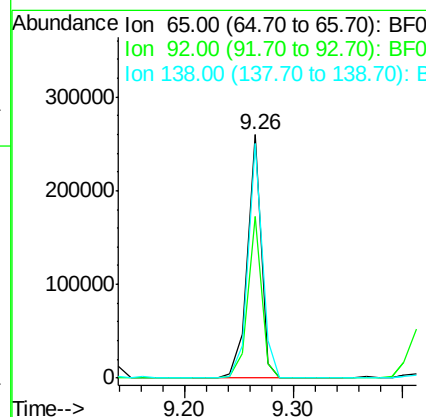
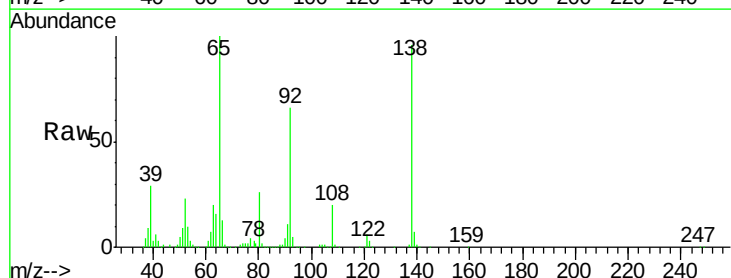
Manual Integrations
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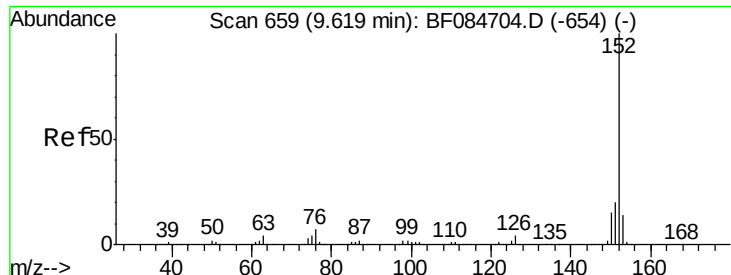
mohammad
2/5/2016 1:49:07 PM



#47
2-Nitroaniline
Concen: 41.44 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	66.2	53.4	80.2
138	96.3	71.1	106.7





#48

Acenaphthylene

Concen: 43.95 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

ClientSampleId :

S4-B019(11-13)MS

Tot Ion:152 Resp: 1154619

Ion Ratio Lower Upper

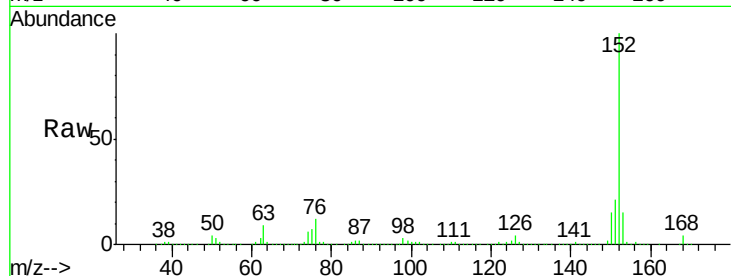
152 100

151 21.1 16.3 24.5

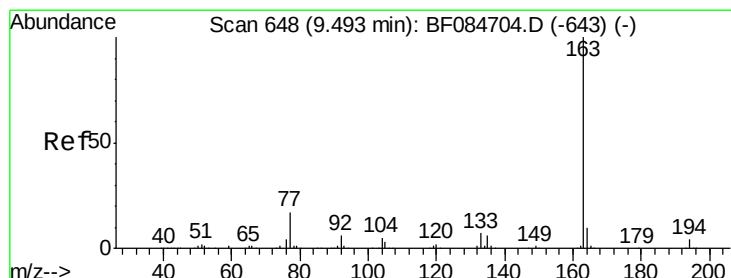
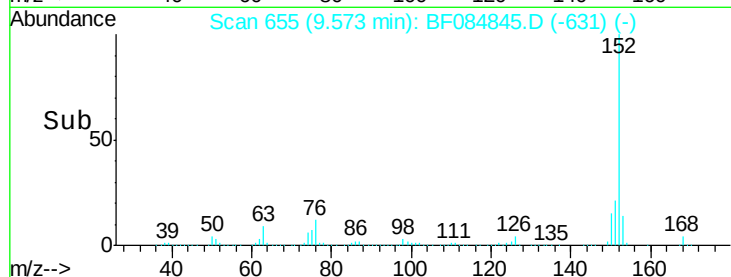
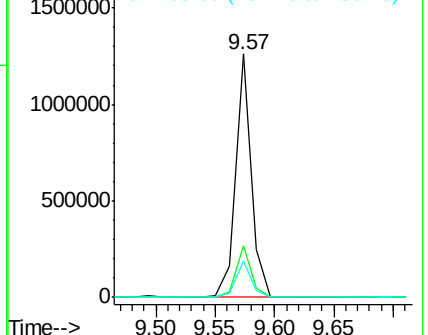
153 14.7 10.4 15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.90 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

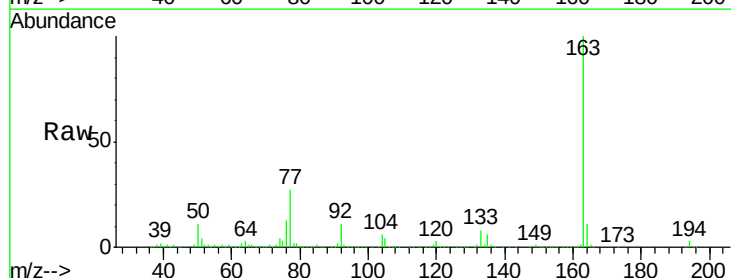
Tgt Ion:163 Resp: 960155

Ion Ratio Lower Upper

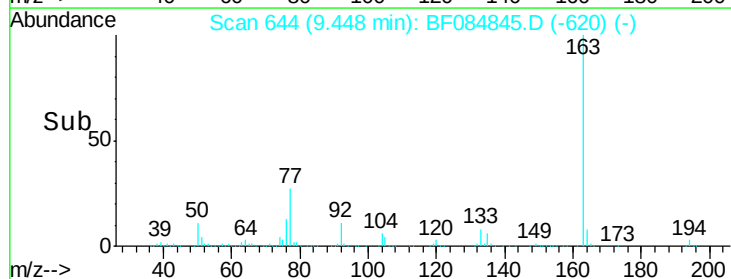
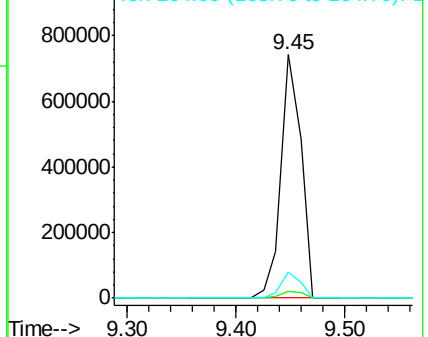
163 100

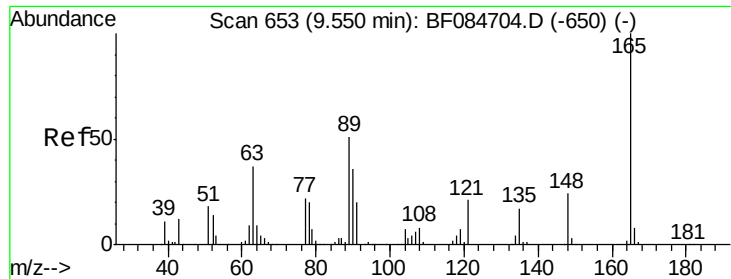
194 2.9 8.0 12.0#

164 10.5 8.0 12.0



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





#50

2,6-Dinitrotoluene

Concen: 41.47 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

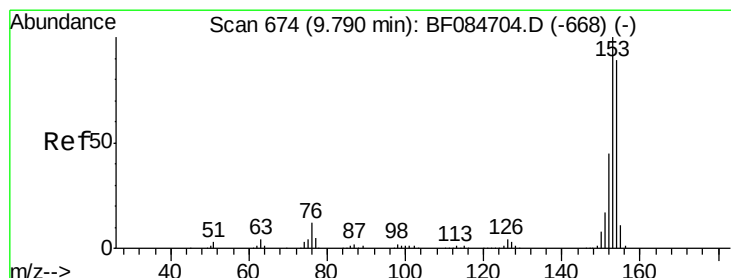
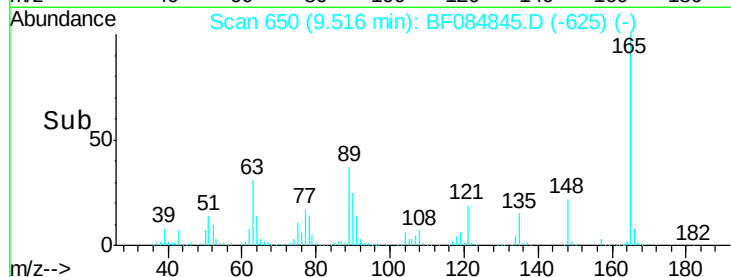
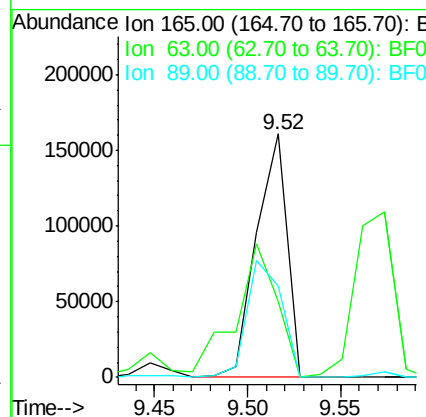
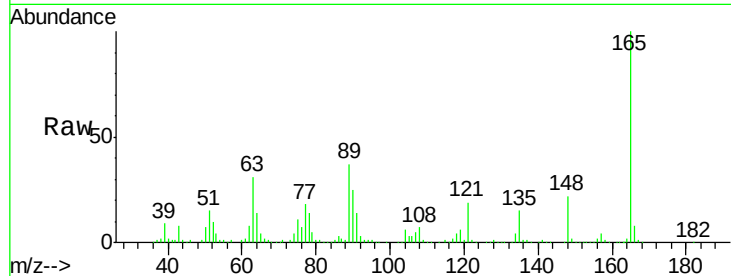
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	165	Resp:	181592
Ion Ratio	Lower	Upper	
165	100		
63	31.4	28.8	43.2
89	37.3	35.1	52.7

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#51

Acenaphthene

Concen: 43.02 ng

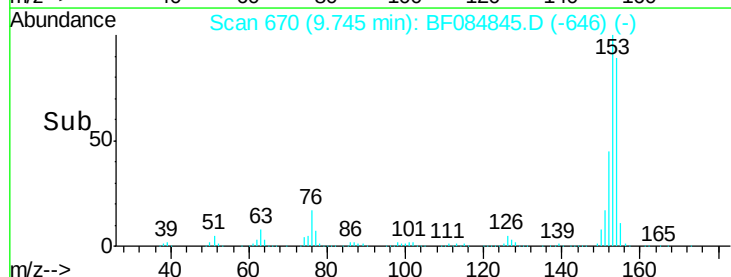
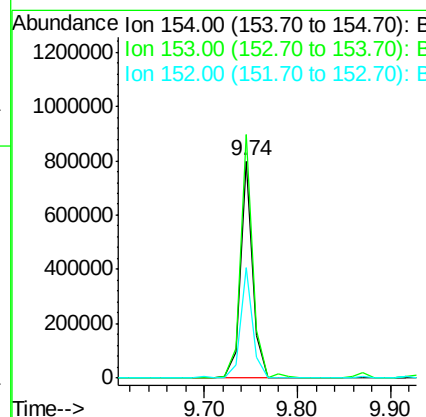
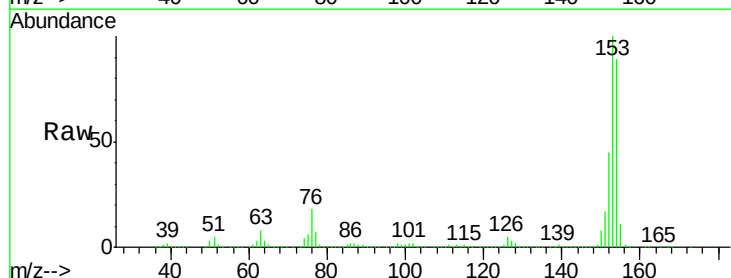
RT: 9.74 min Scan# 670

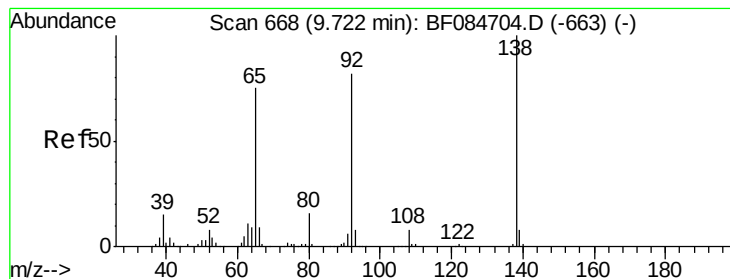
Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	154	Resp:	735197
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.5	137.3
152	50.7	43.0	64.6





#52

3-Nitroaniline

Concen: 30.04 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

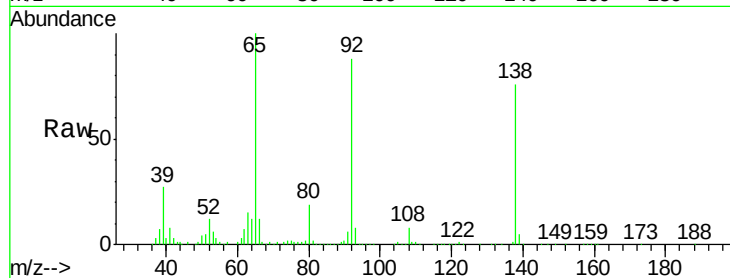
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	138	Resp:	147833
Ion Ratio	Lower	Upper	
138	100		
108	10.7	10.5	15.7
92	116.9	103.9	155.9

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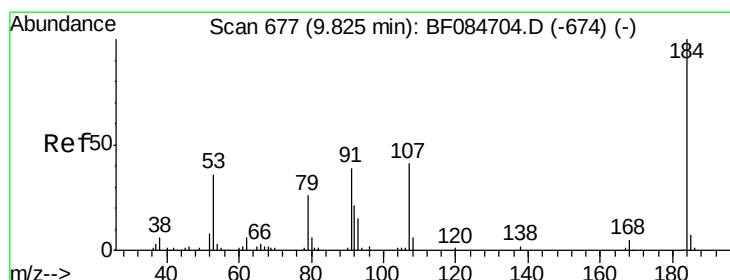
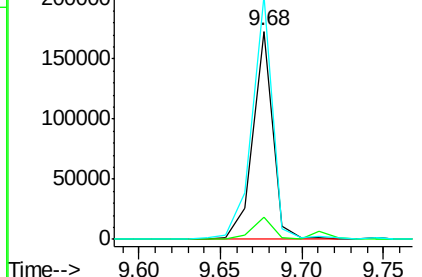
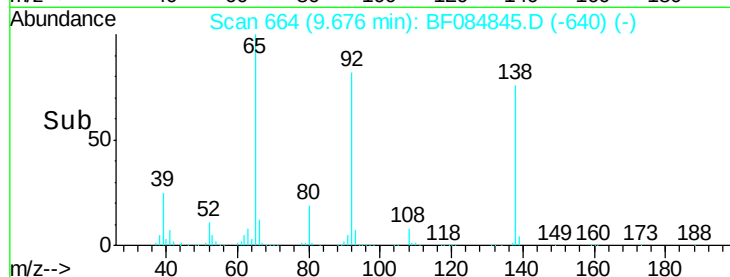
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 6.80 ng

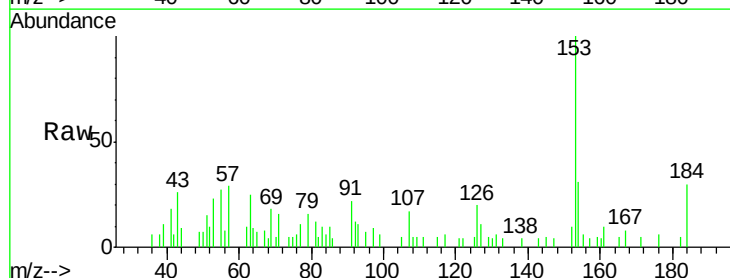
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

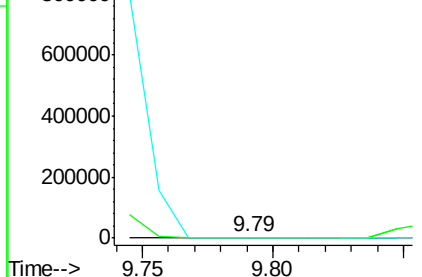
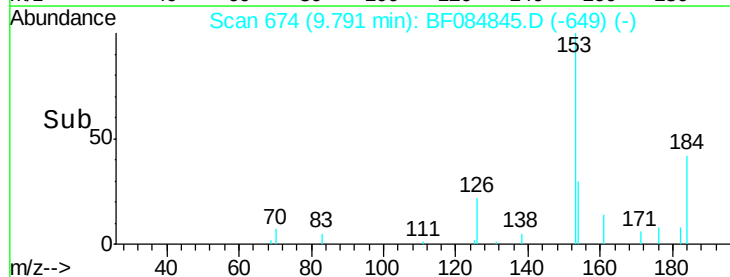
Tgt Ion:	184	Resp:	2179
Ion Ratio	Lower	Upper	
184	100		
63	84.8	43.1	64.7#
154	104.5	60.5	90.7#

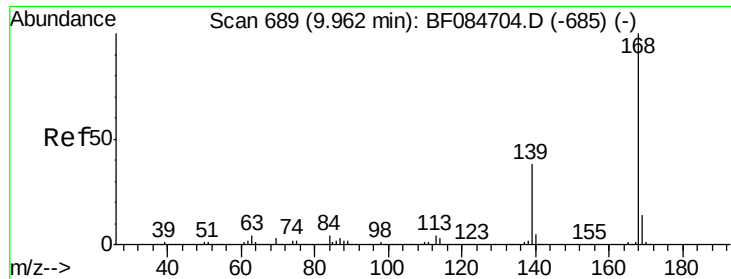


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





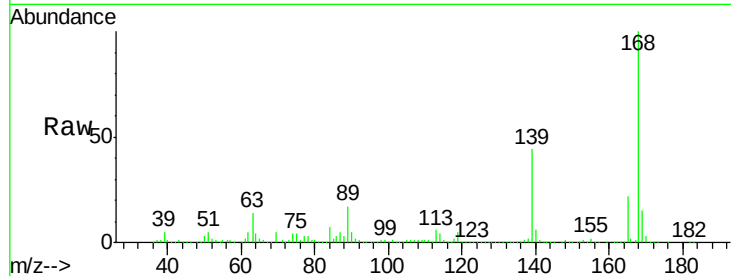
#54
Dibenzenofuran
Concen: 45.92 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

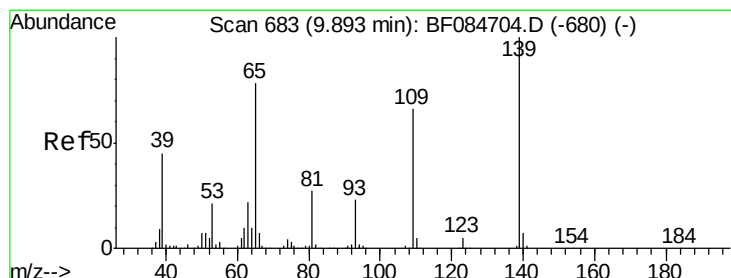
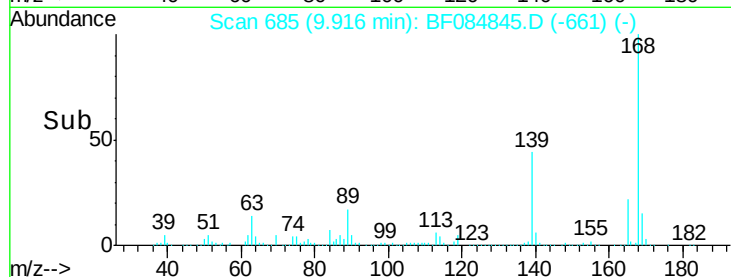
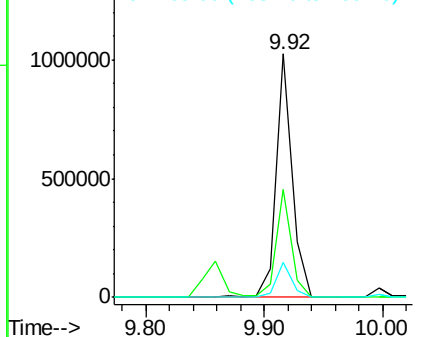
Tot Ion	Ratio	Resp	Lower	Upper
168	100	959190		
139	44.5	30.5	45.7	
169	14.6	10.4	15.6	

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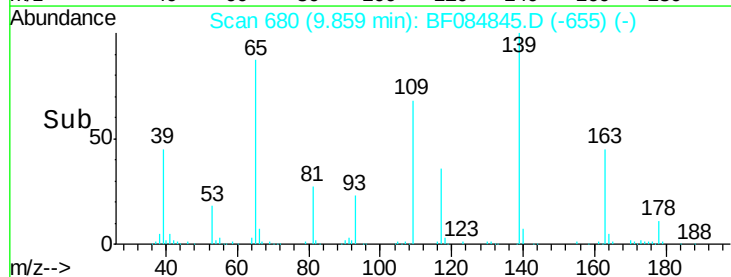
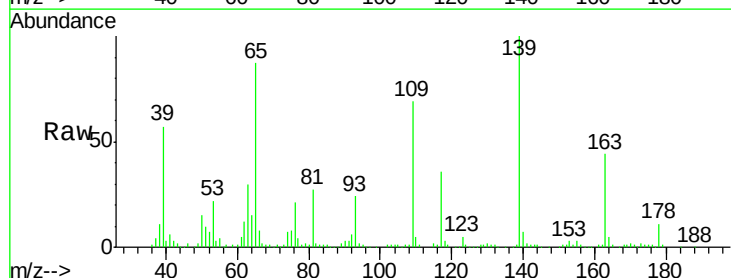
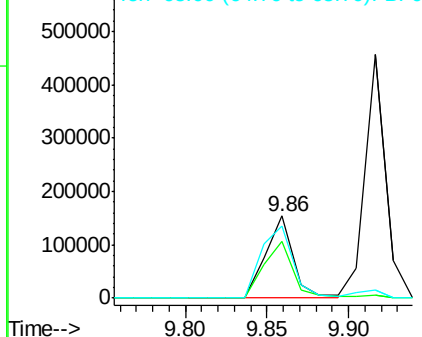
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

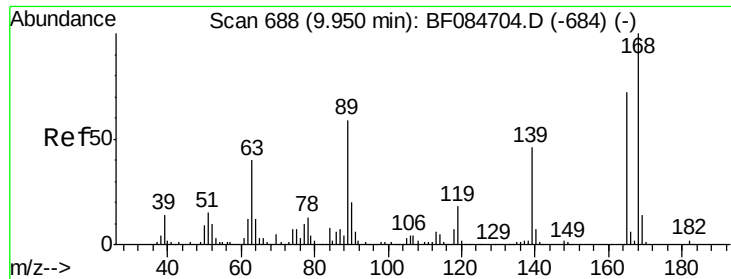


#55
4-Nitrophenol
Concen: 50.60 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	182990		
109	69.1	58.5	98.5	
65	87.1	57.6	97.6	

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





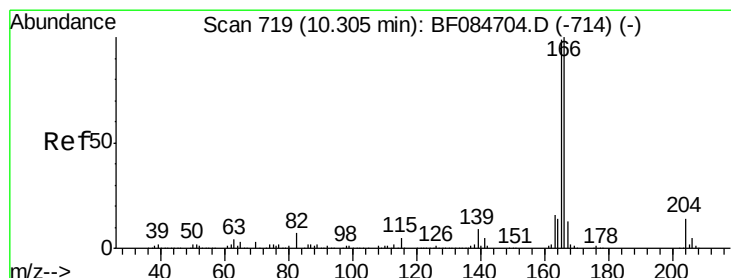
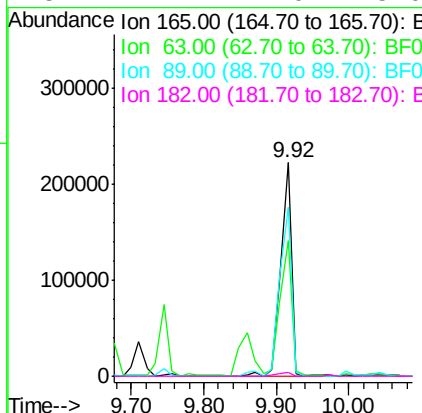
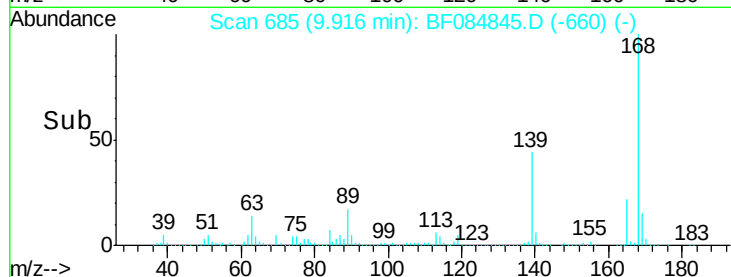
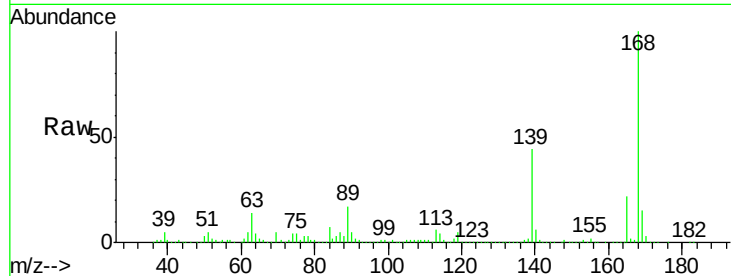
#56
2,4-Dinitrotoluene
Concen: 41.74 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.8	36.7	55.1#	
89	79.0	61.9	92.9	
182	2.1	2.0	3.0	

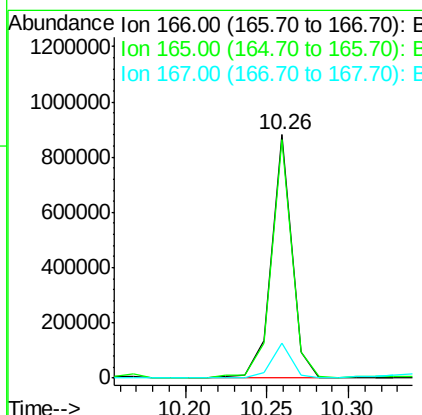
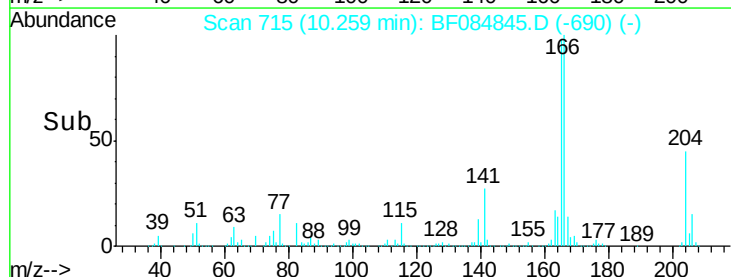
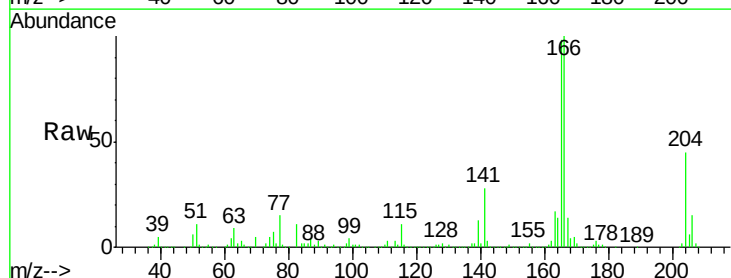
Manual Integrations
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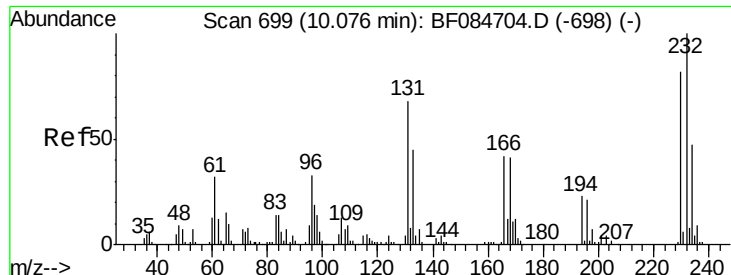
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#57
Fluorene
Concen: 44.19 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	79.1	118.7	
167	14.3	10.4	15.6	





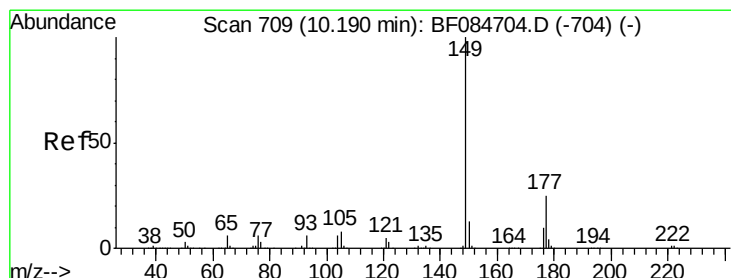
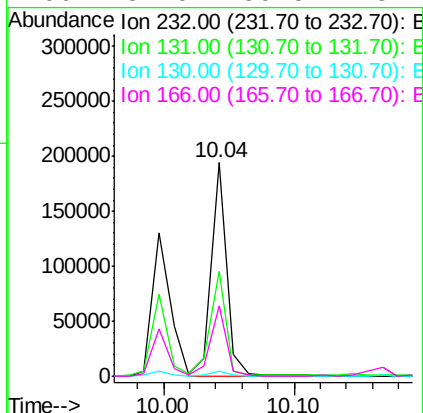
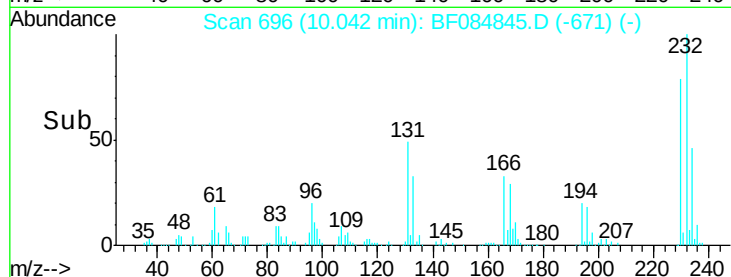
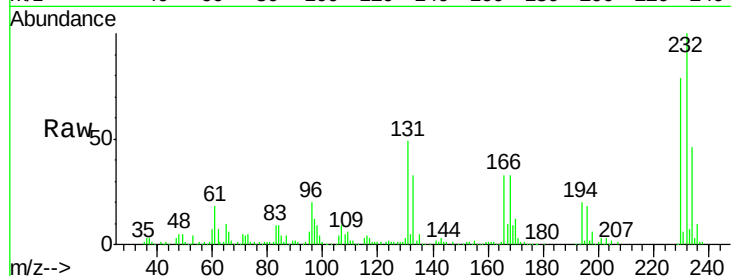
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.48 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		160277		
131	50.1		47.0	70.6	
130	2.8		2.0	3.0	
166	34.0		30.5	45.7	

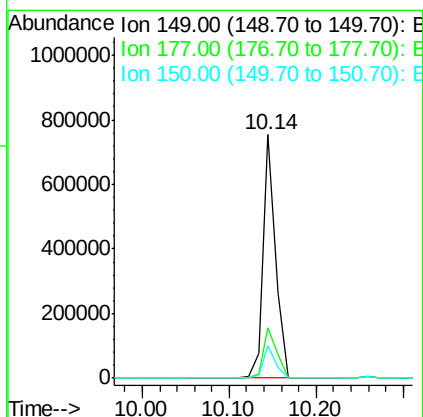
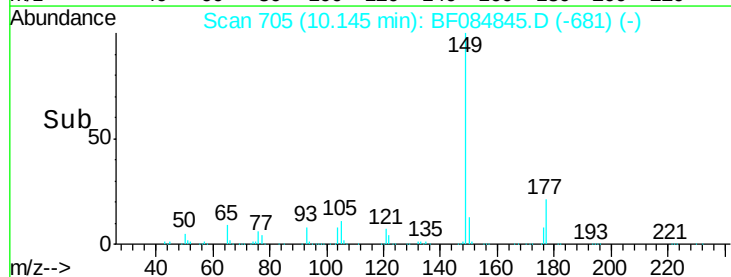
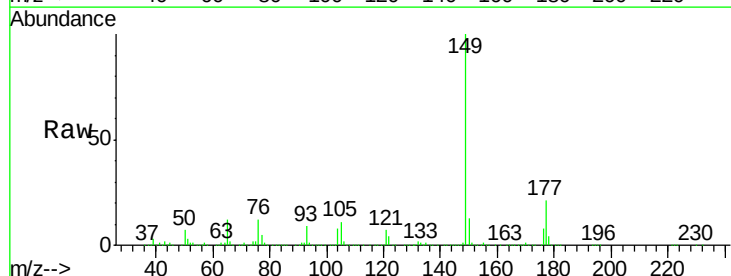
Manual Integrations
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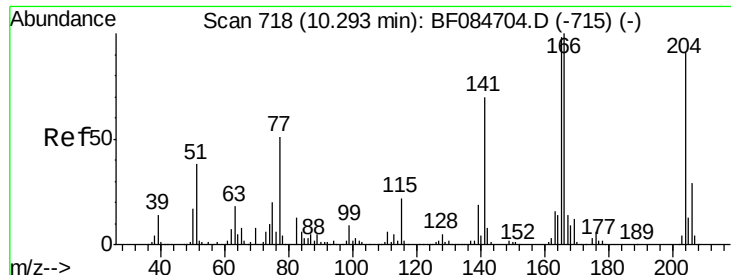
mohammad
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#59
 Diethylphthalate
 Concen: 38.75 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		758450		
177	20.9		17.3	25.9	
150	13.1		9.8	14.8	





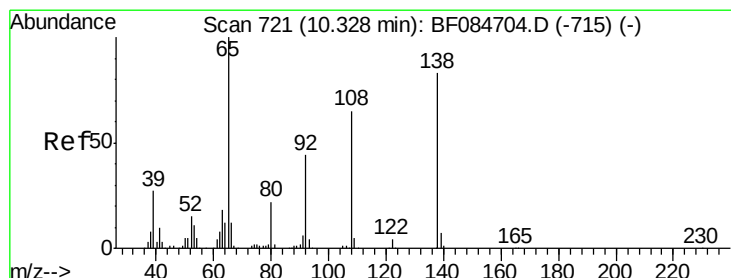
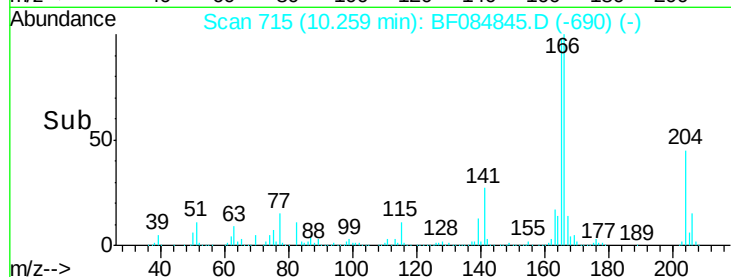
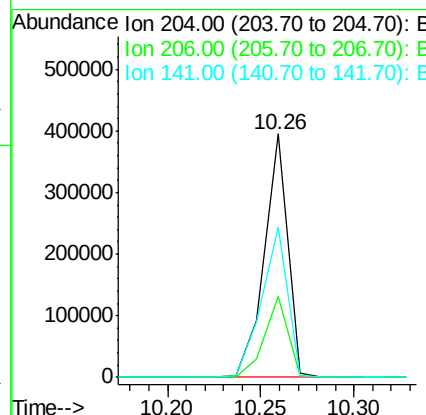
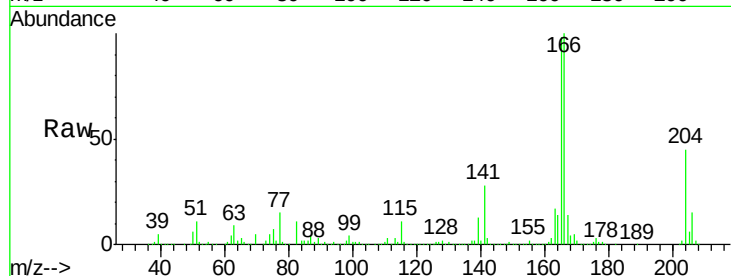
#60
4-Chlorophenyl-phenylether
Concen: 46.69 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleID :
S4-B019(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	340181		
206	33.2	25.7	38.5	
141	61.4	55.1	82.7	

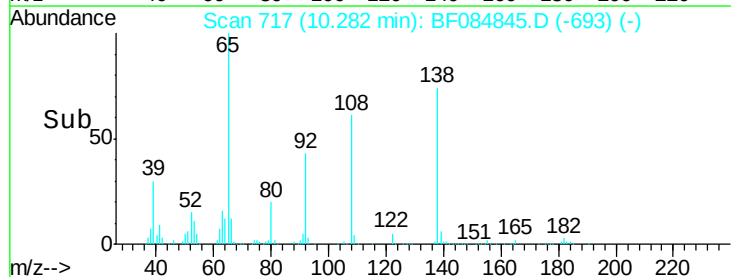
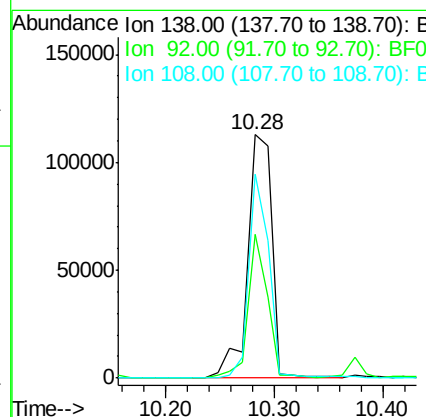
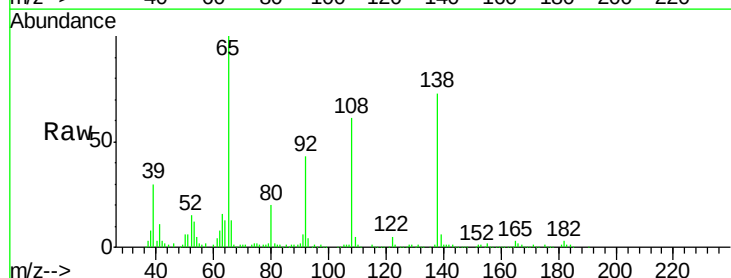
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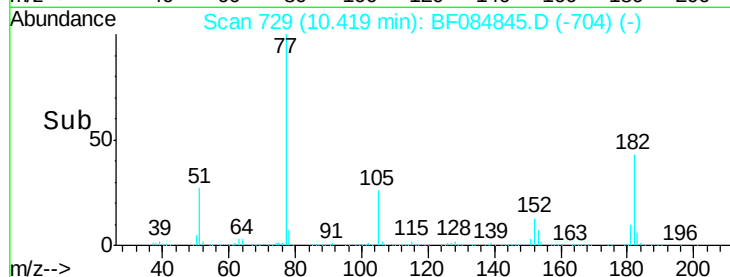
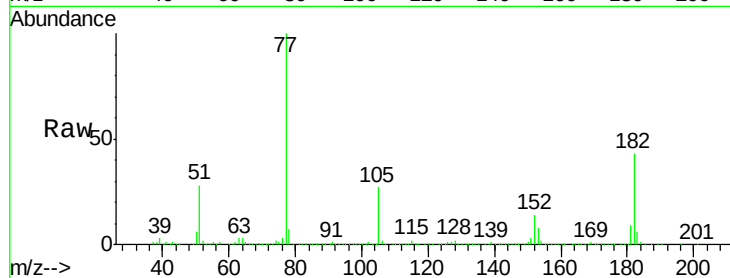
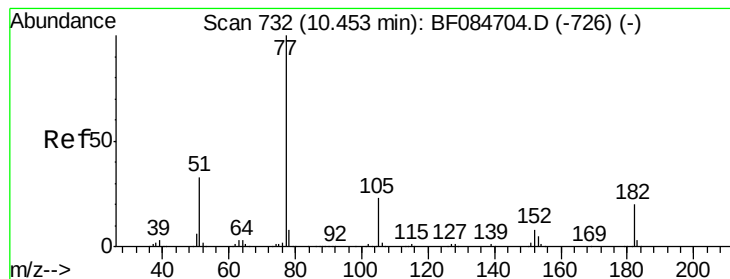
mohammad
2/5/2016 1:49:07 PM



#61
4-Nitroaniline
Concen: 36.48 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174915		
92	59.0	32.6	72.6	
108	83.5	68.6	108.6	





#62

Azobenzene

Concen: 43.32 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	42.9	8.3	48.3		
105	27.1	4.6	44.6		
51	27.6	6.2	46.2		

Instrument :

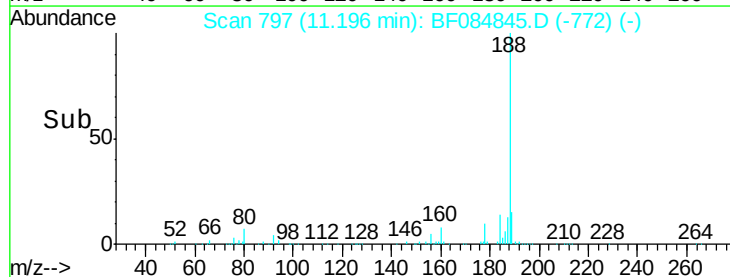
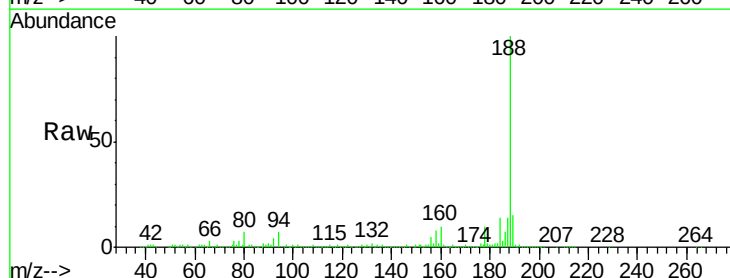
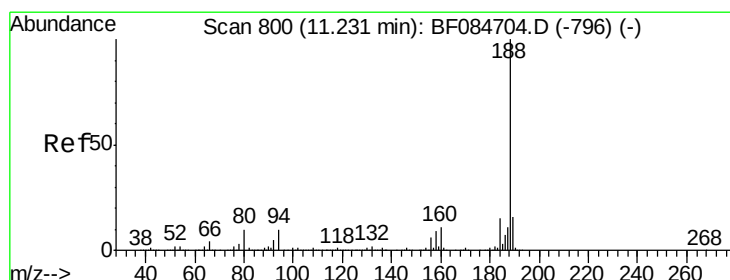
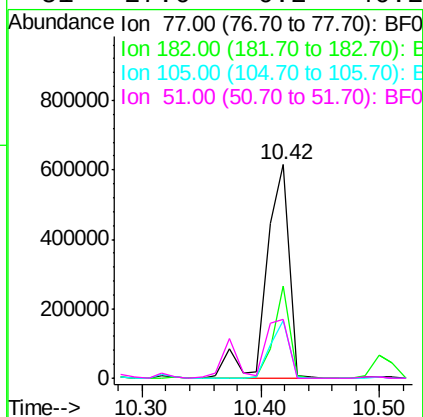
BNA_F

ClientSampleId :

S4-B019(11-13)MS

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#63

Phenanthrene-d10

Concen: 20.00 ng

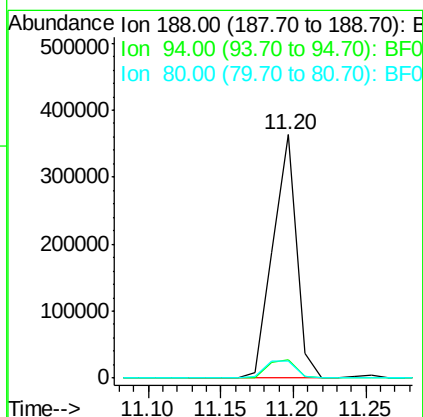
RT: 11.20 min Scan# 797

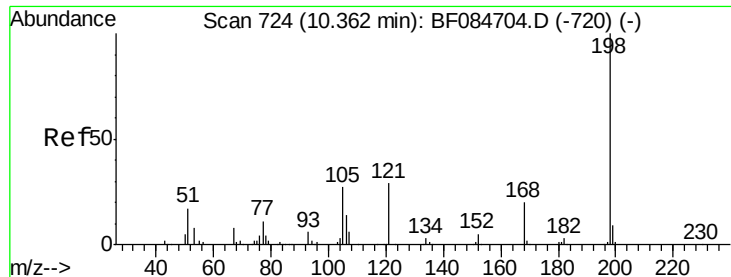
Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.4	9.0	13.4#		
80	7.2	9.6	14.4#		





#64

4,6-Dinitro-2-methylphenol

Concen: 7.40 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

ClientSampleId :

S4-B019(11-13)MS

Tot Ion:198 Resp: 18818

Ion Ratio Lower Upper

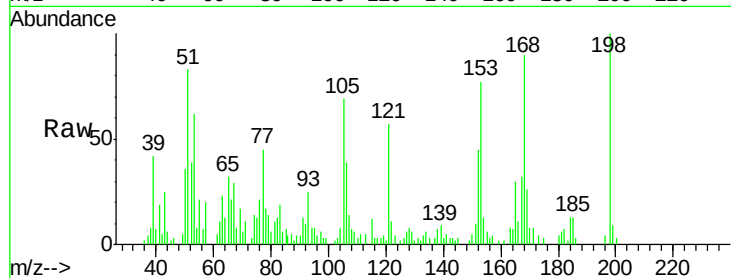
198 100

51 82.8 18.9 58.9#

105 68.8 26.4 66.4#

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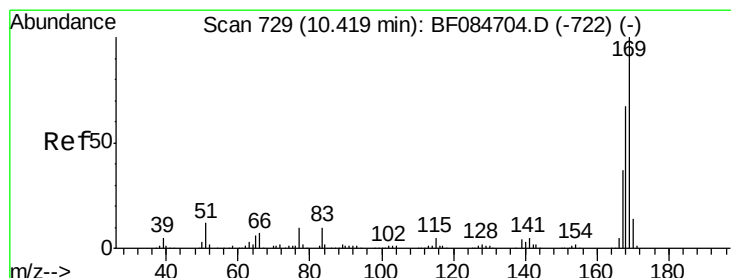
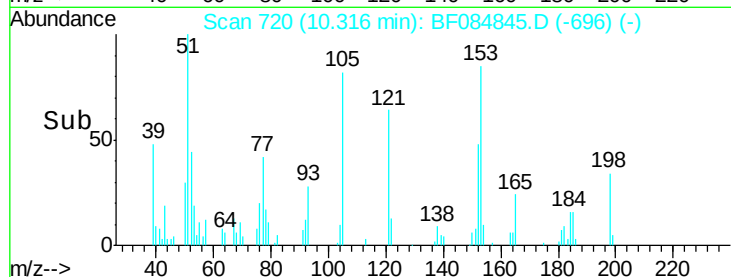
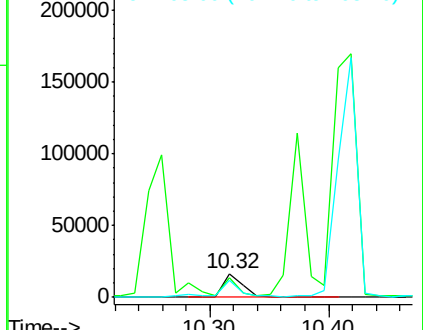
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 46.86 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

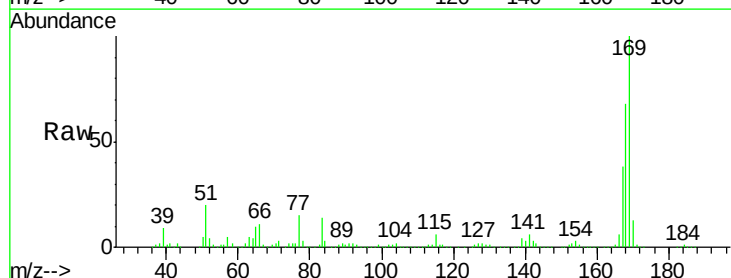
Tgt Ion:169 Resp: 612744

Ion Ratio Lower Upper

169 100

168 68.1 55.1 82.7

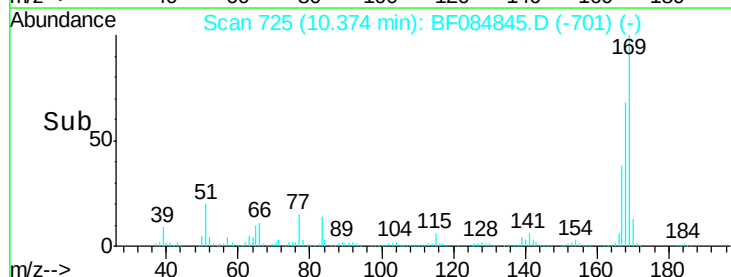
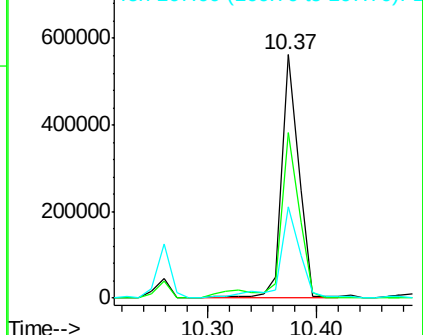
167 37.7 30.0 45.0

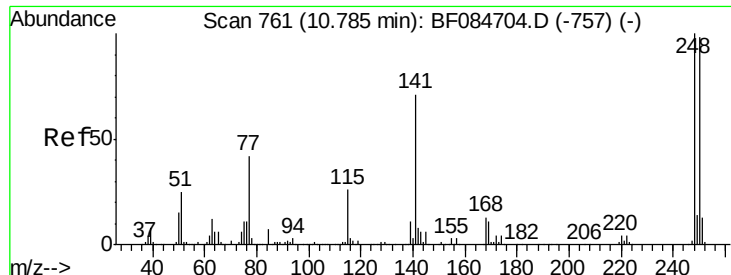


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





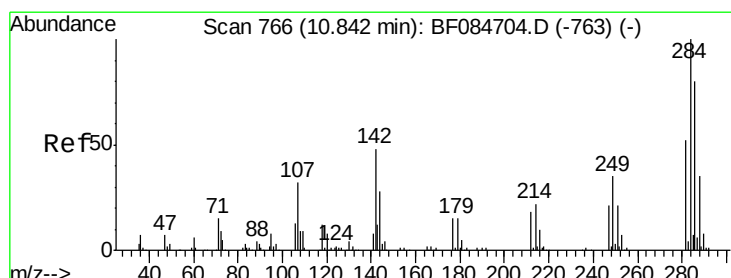
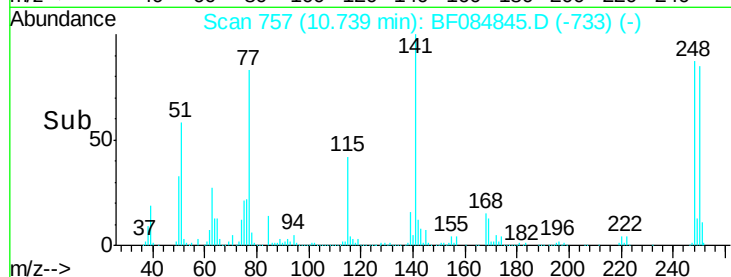
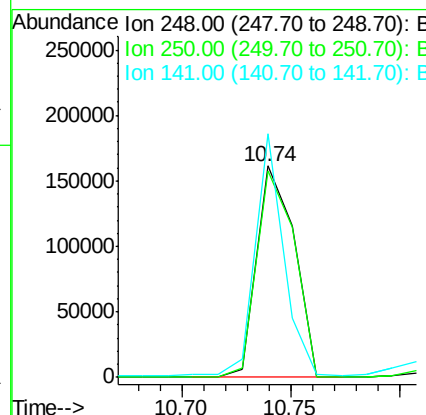
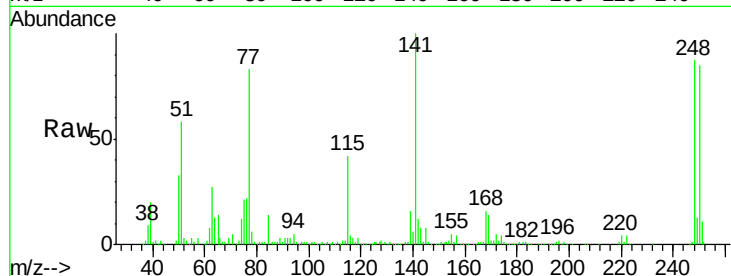
#66
4-Bromophenyl-phenylether
Concen: 42.77 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.4	117.6
141	115.2	44.0	66.0

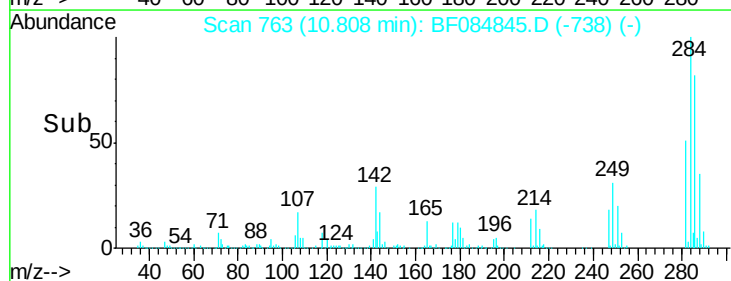
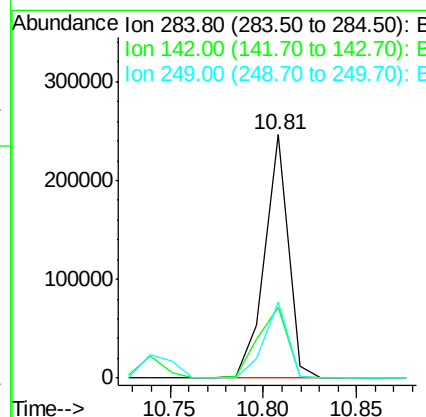
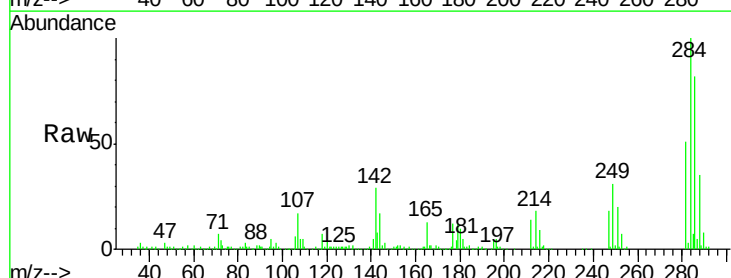
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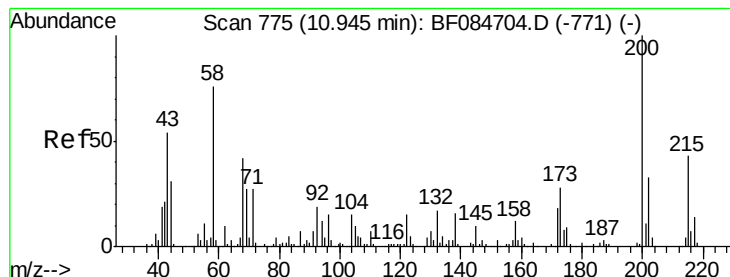
mohammad
2/5/2016 1:49:07 PM



#67
Hexachlorobenzene
Concen: 43.44 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.2	33.4
249	31.0	24.6	37.0





#68

Atrazine

Concen: 41.51 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

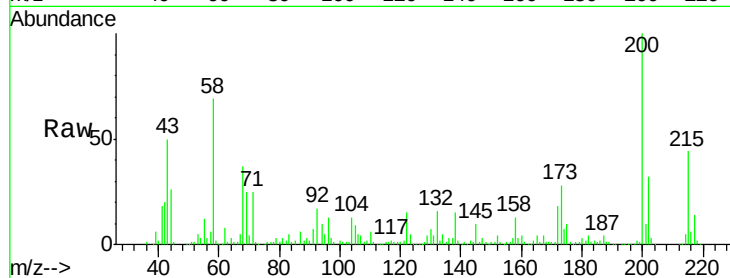
ClientSampleId :

S4-B019(11-13)MS

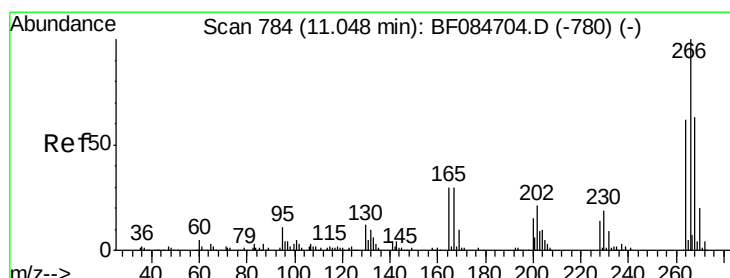
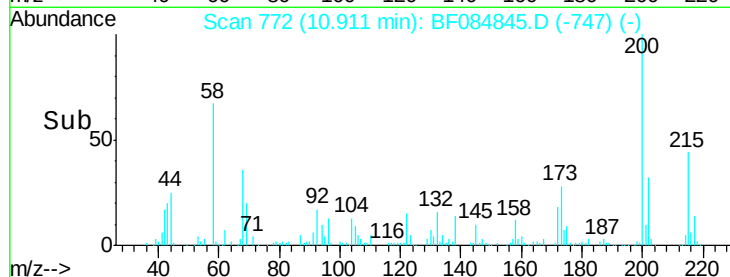
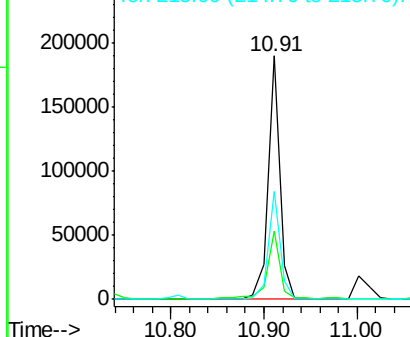
Tot Ion:	200	Resp:	171431
Ion Ratio	Lower	Upper	
200	100		
173	28.0	9.5	49.5
215	44.1	23.8	63.8

Manual Integrations
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 43.50 ng

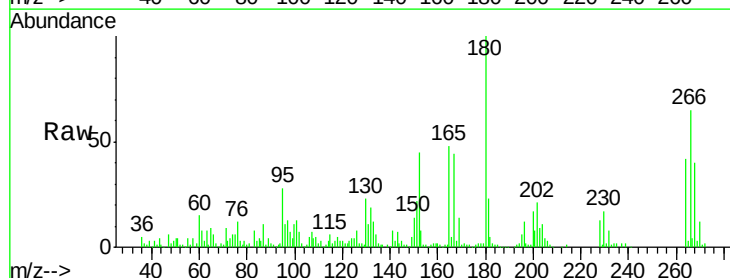
RT: 11.00 min Scan# 780

Delta R.T. -0.01 min

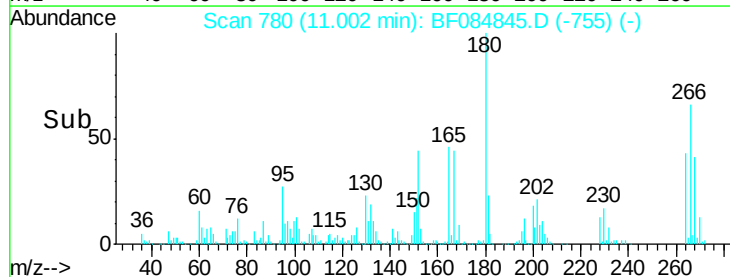
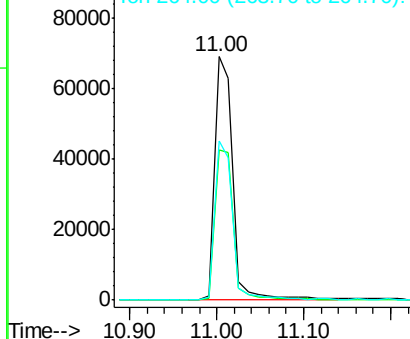
Lab File: BF084845.D

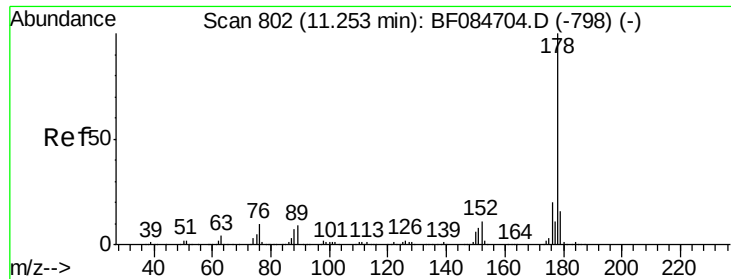
Acq: 4 Feb 2016 23:00

Tgt Ion:	266	Resp:	101332
Ion Ratio	Lower	Upper	
266	100		
268	61.9	52.4	78.6
264	65.2	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





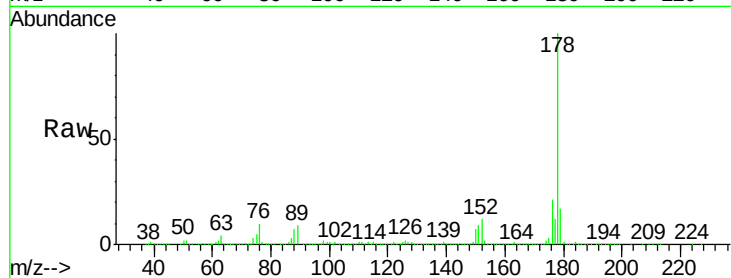
#70
Phenanthrene
Concen: 109.68 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.3	22.9
179	16.8	12.0	18.0

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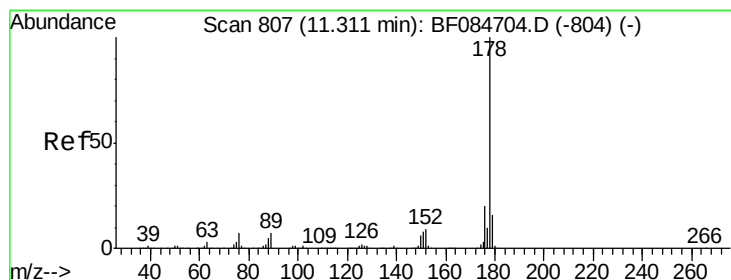
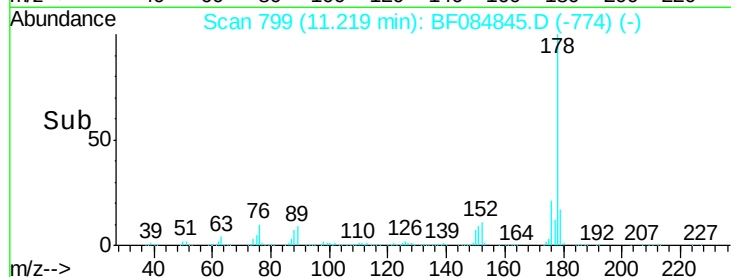
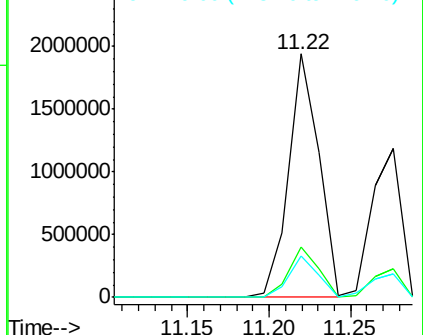


Abundance

Ion 178.00 (177.70 to 178.70): E

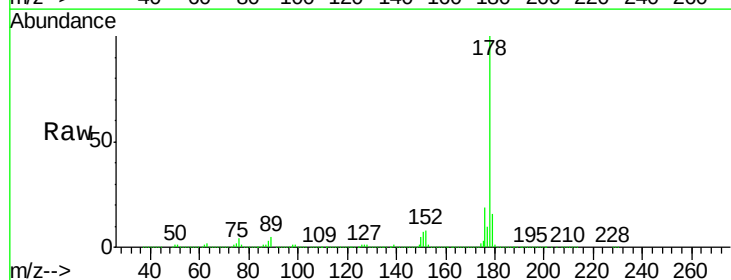
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71
Anthracene
Concen: 64.22 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.7	12.5	18.7

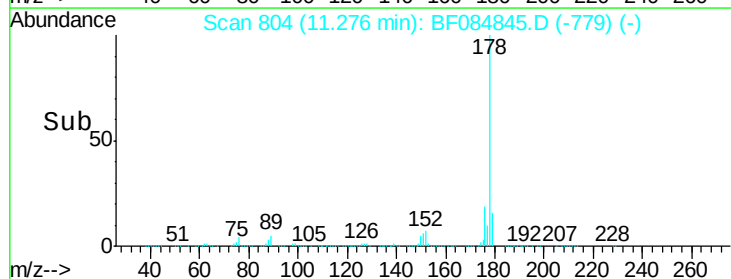
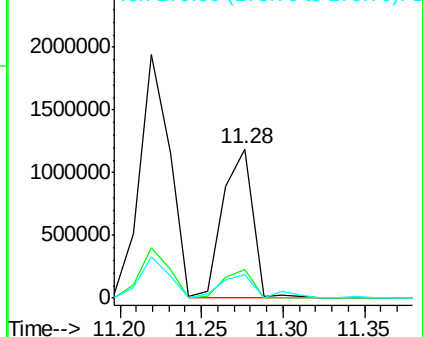


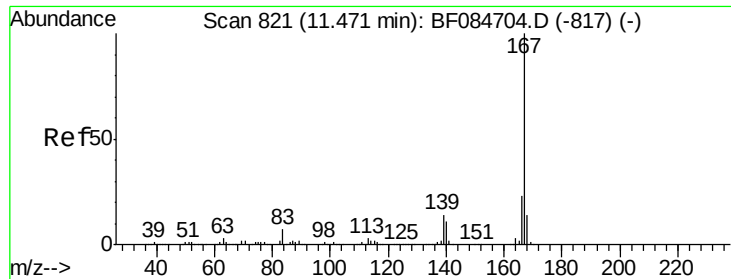
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 44.11 ng

RT: 11.43 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

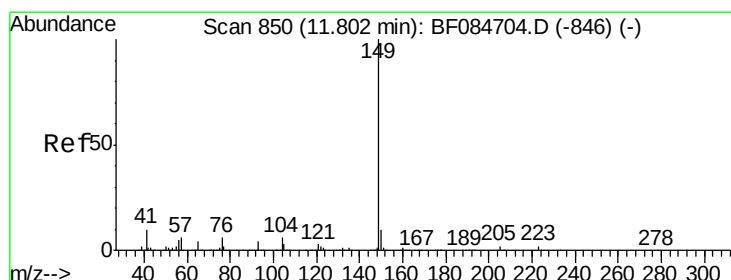
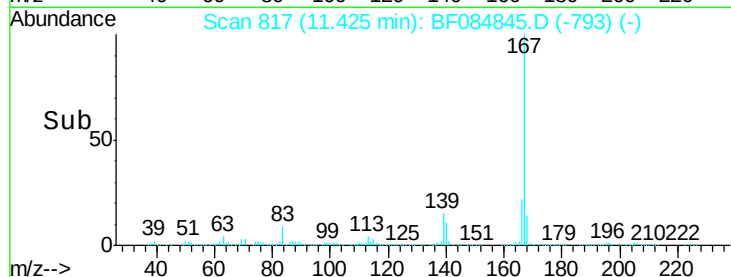
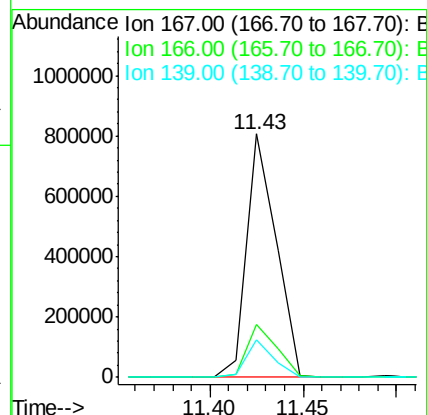
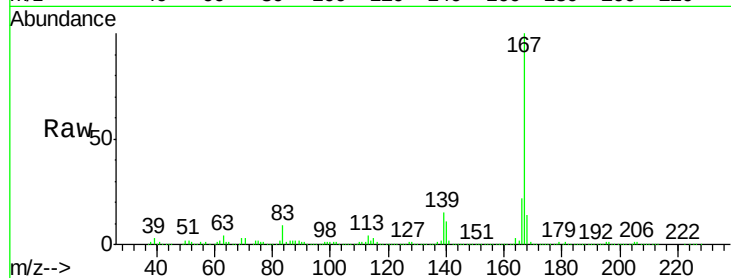
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	167	Resp:	885304
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	15.4	11.8	17.8

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 39.42 ng

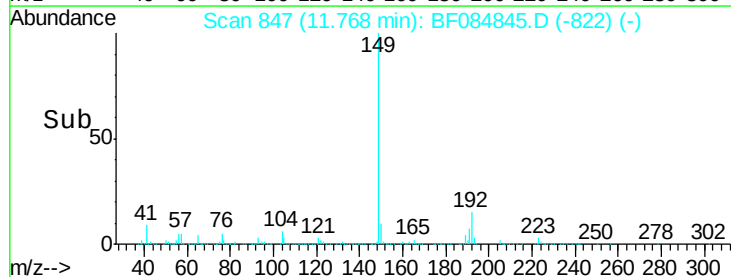
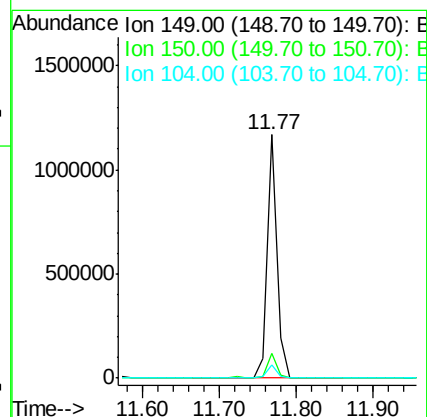
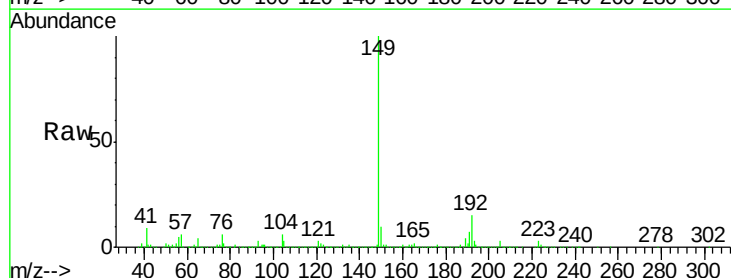
RT: 11.77 min Scan# 847

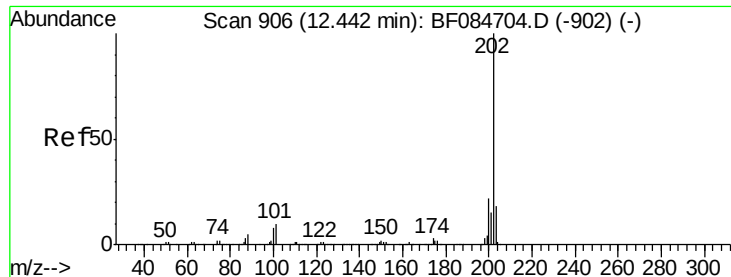
Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	149	Resp:	1007308
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.1	10.7
104	5.7	3.2	4.8#





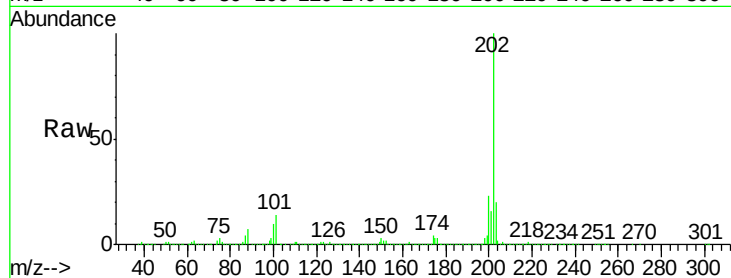
#74
 Fluoranthene
 Concen: 146.25 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(11-13)MS

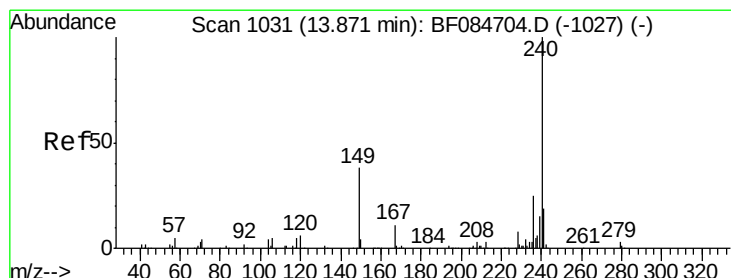
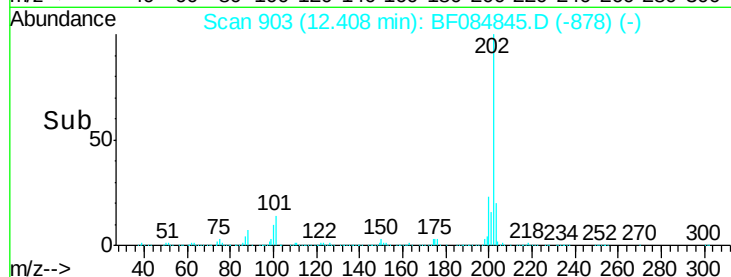
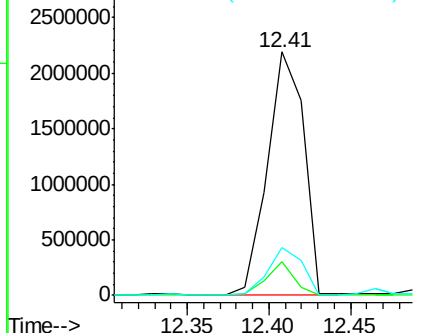
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.8
203	19.6	0.0	37.9

Manual Integrations
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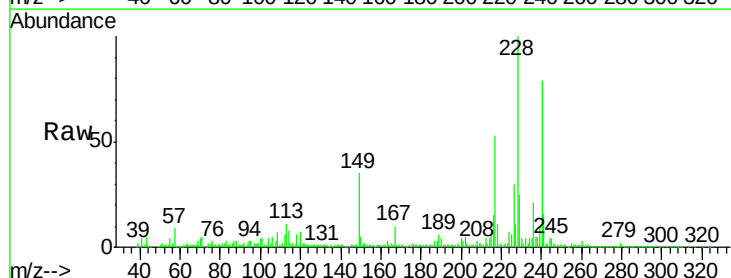


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

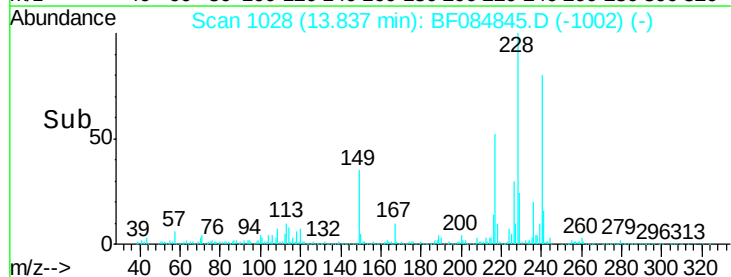
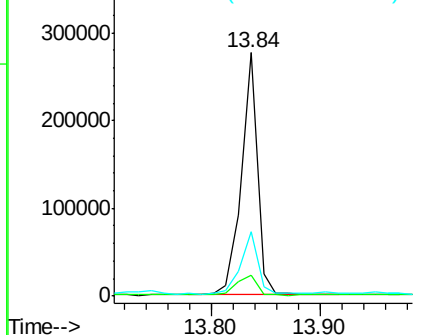


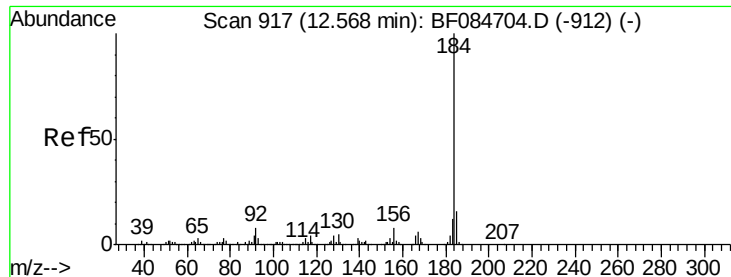
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF084845.D
 Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.4	20.6	31.0



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





#76

Benzidine

Concen: 23.60 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

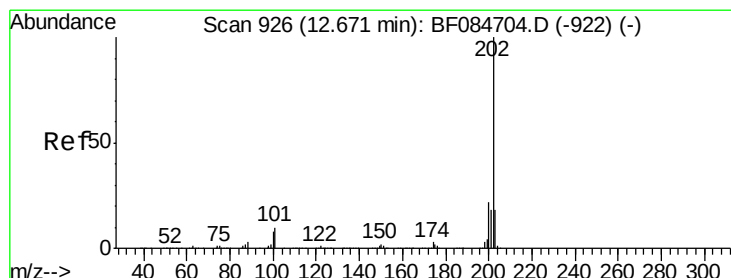
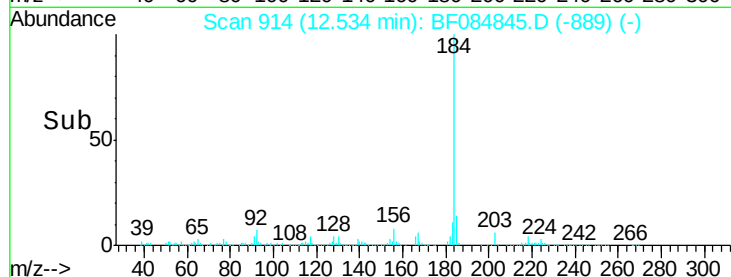
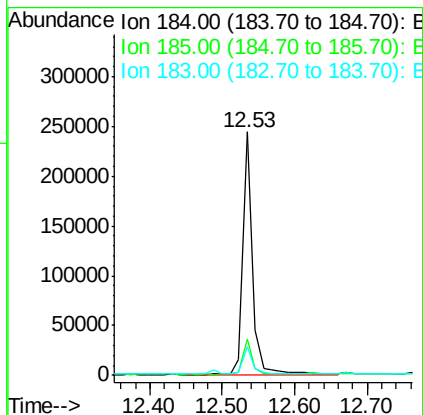
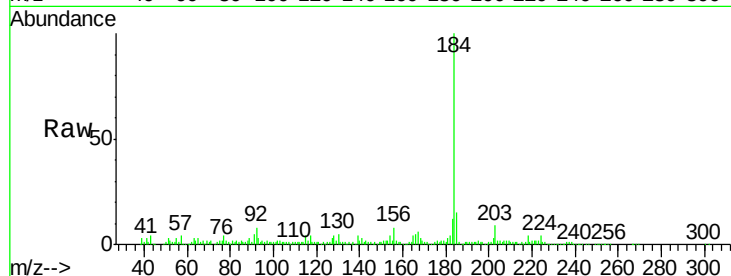
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	184	Resp:	226835
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.9	9.8	14.8

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#77

Pyrene

Concen: 142.99 ng

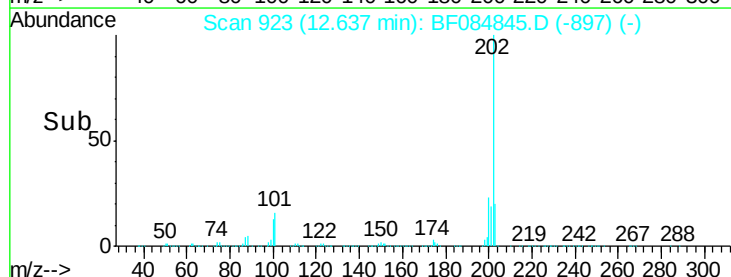
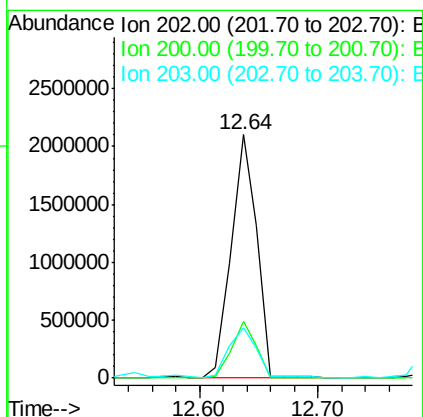
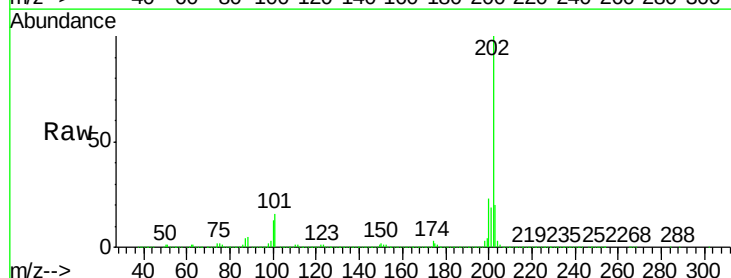
RT: 12.64 min Scan# 923

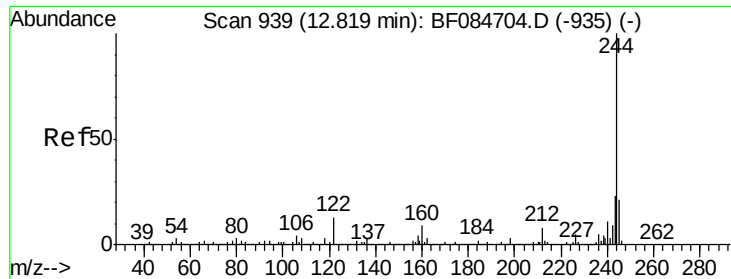
Delta R.T. 0.00 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	202	Resp:	3100609
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.2	25.8
203	20.4	14.3	21.5





#78

Terphenyl-d14

Concen: 70.10 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

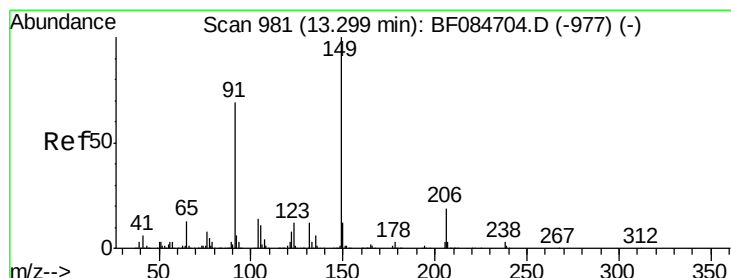
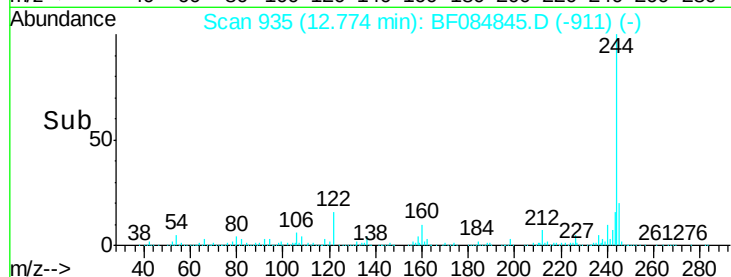
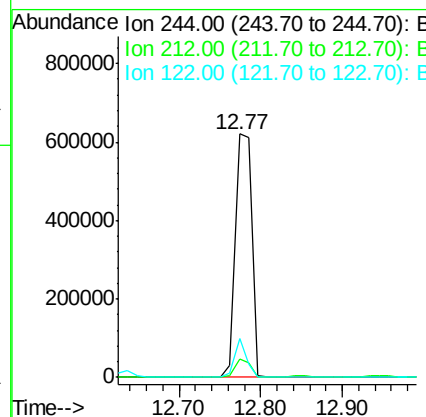
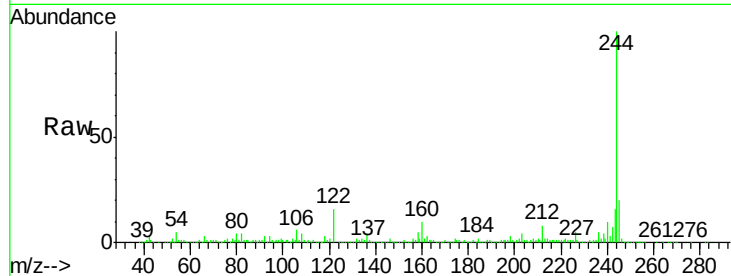
ClientSampleId :

S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	16.0	7.4	11.0

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 42.17 ng

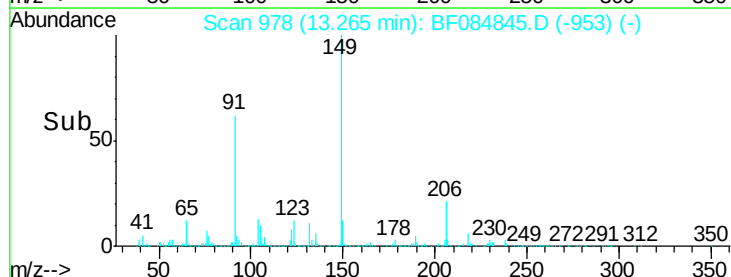
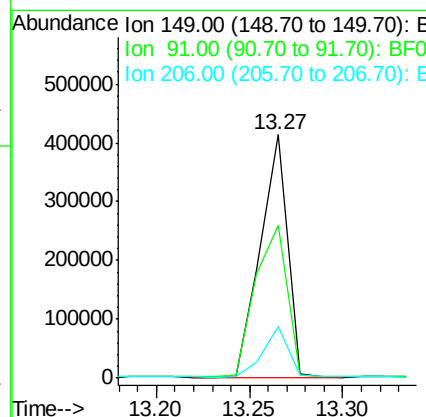
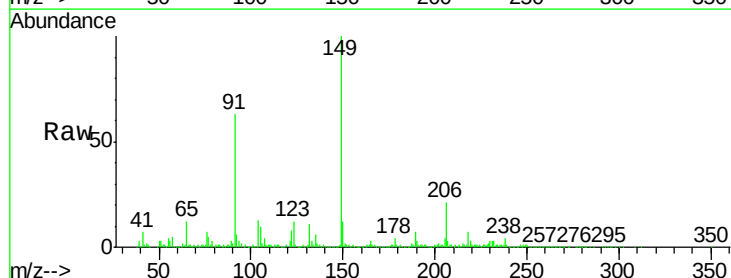
RT: 13.27 min Scan# 978

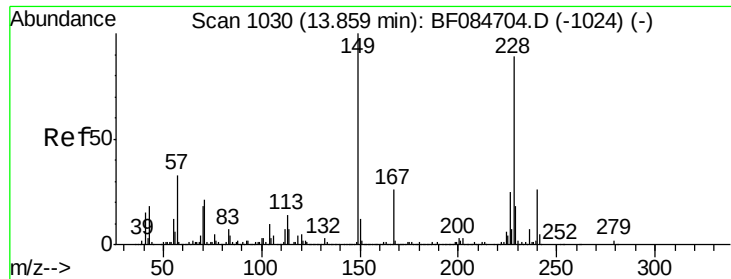
Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.9	57.6	86.4
206	21.2	13.2	19.8





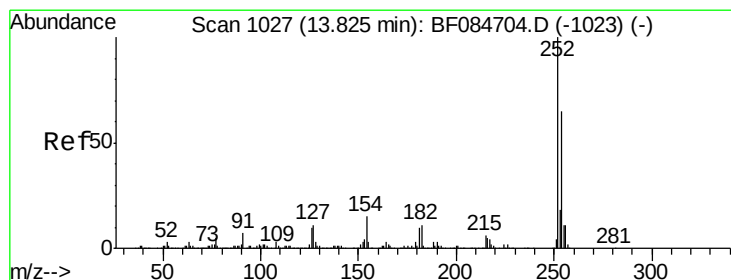
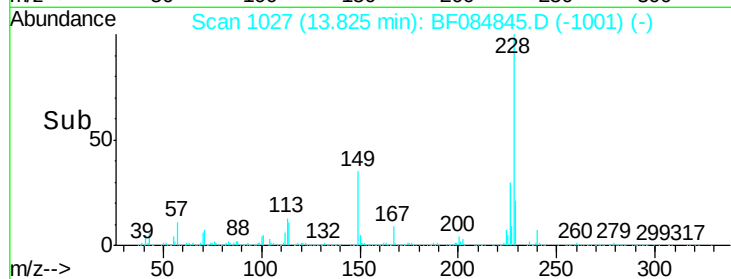
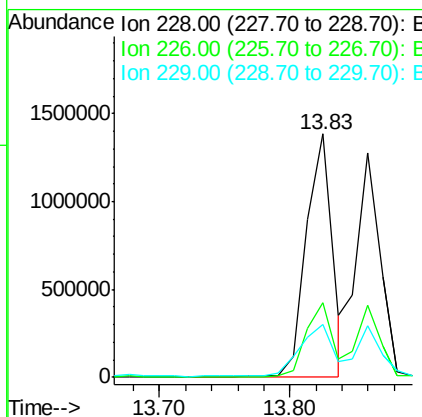
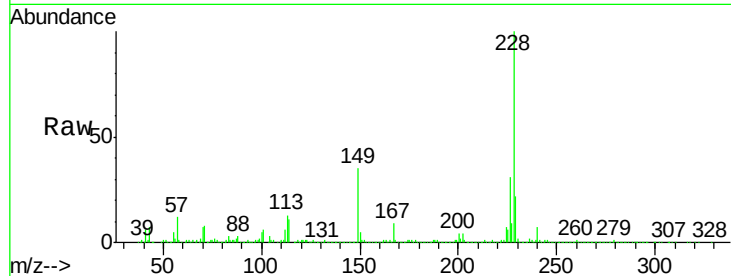
#80
Benzo(a)anthracene
Concen: 107.69 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.8	32.6
229	21.9	15.8	23.8

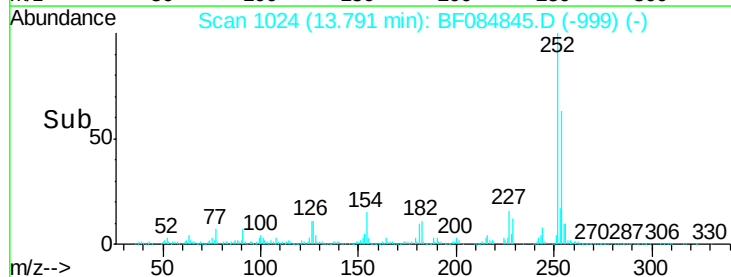
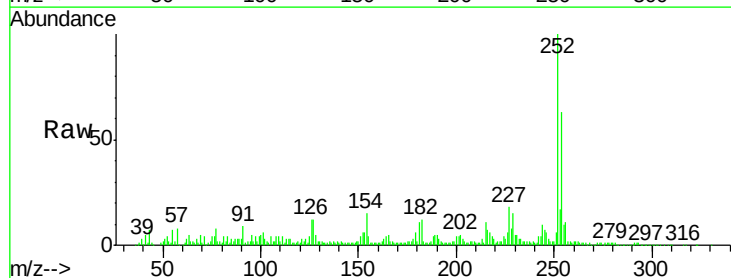
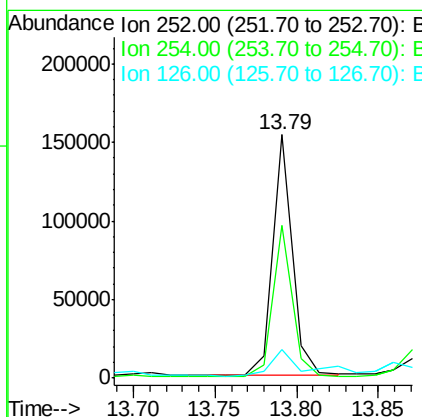
Manual Integrations
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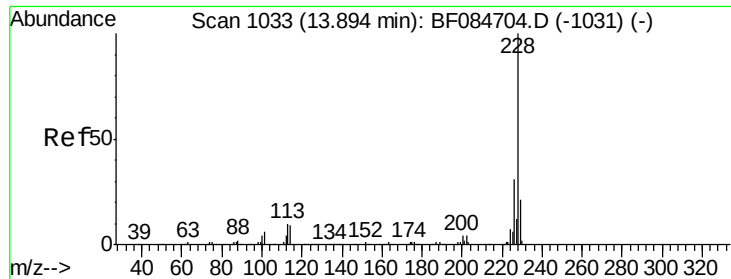
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 20.69 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	53.5	80.3
126	11.8	4.9	7.3





#82

Chrysene

Concen: 95.57 ng/mL

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

ClientSampleId :

S4-B019(11-13)MS

Tot Ion: 228 Resp: 1629125

Ion Ratio Lower Upper

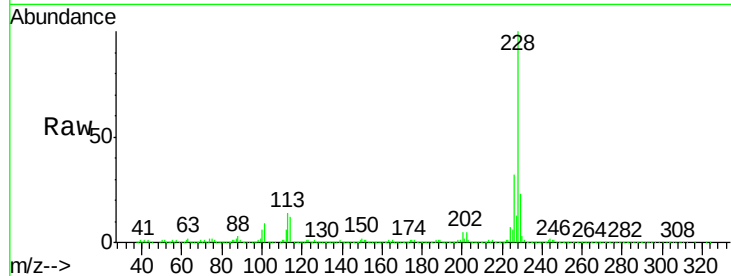
228 100

226 32.2 24.3 36.5

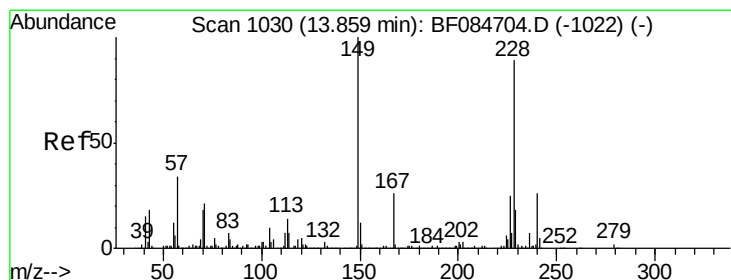
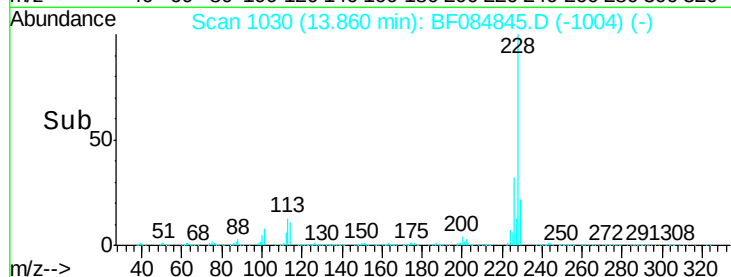
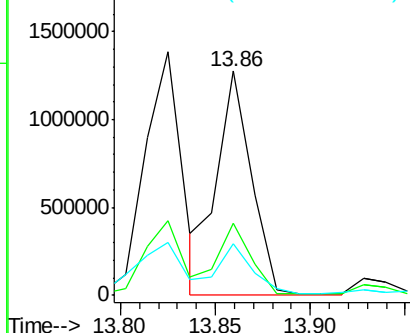
229 22.9 16.1 24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.31 ng/mL

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

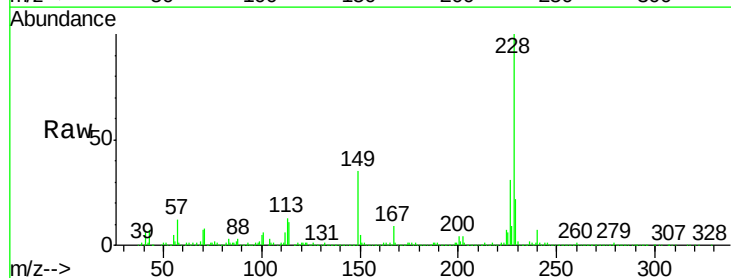
Tgt Ion: 149 Resp: 456739

Ion Ratio Lower Upper

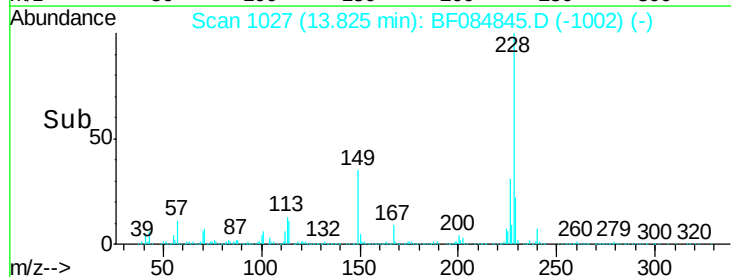
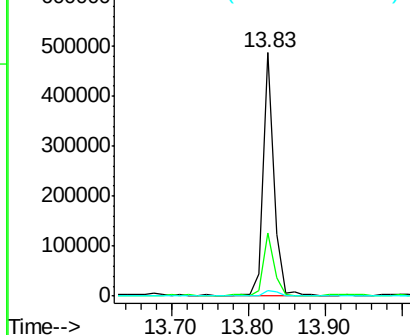
149 100

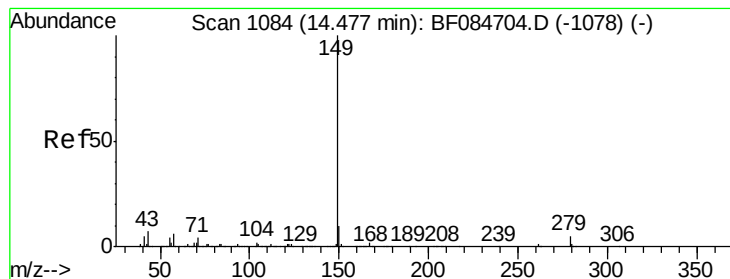
167 25.9 19.7 29.5

279 2.4 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.37 ng

RT: 14.44 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

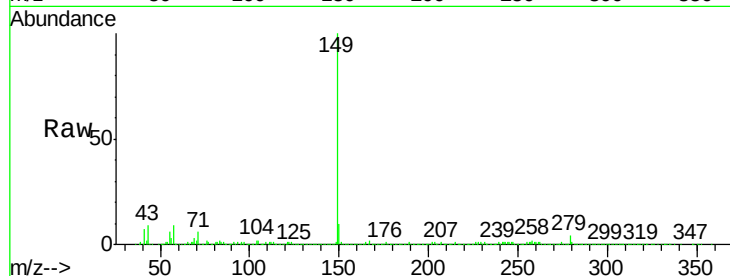
ClientSampleId :

S4-B019(11-13)MS

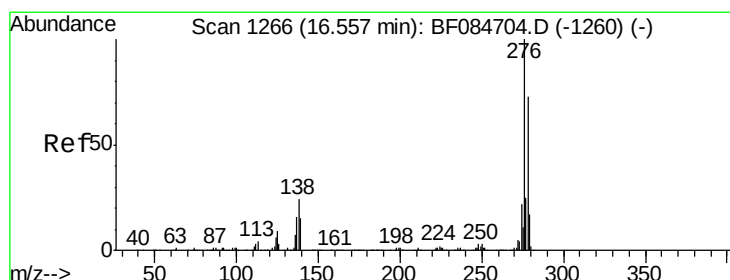
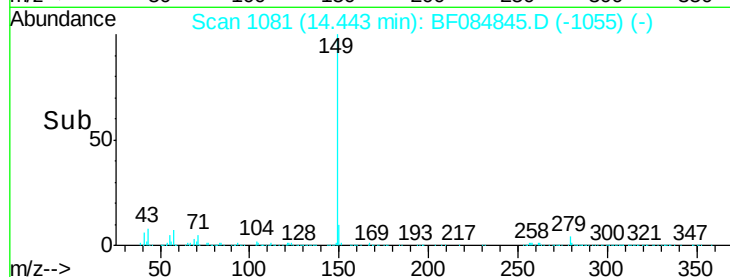
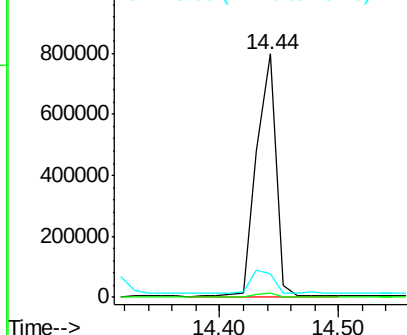
Tot Ion:	149	Resp:	916294
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.8	5.6	8.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 112.45 ng

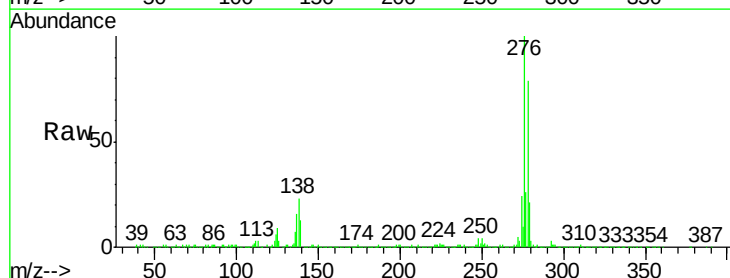
RT: 16.52 min Scan# 1263

Delta R.T. 0.02 min

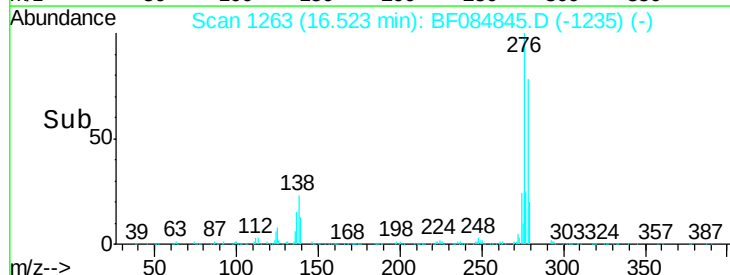
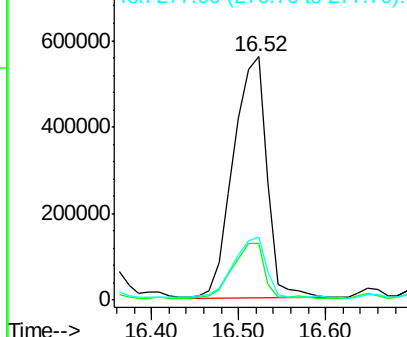
Lab File: BF084845.D

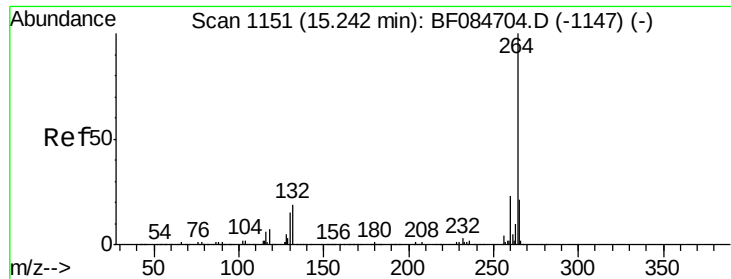
Acq: 4 Feb 2016 23:00

Tgt Ion:	276	Resp:	1508702
Ion Ratio	Lower	Upper	
276	100		
138	22.4	20.6	30.8
277	24.2	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





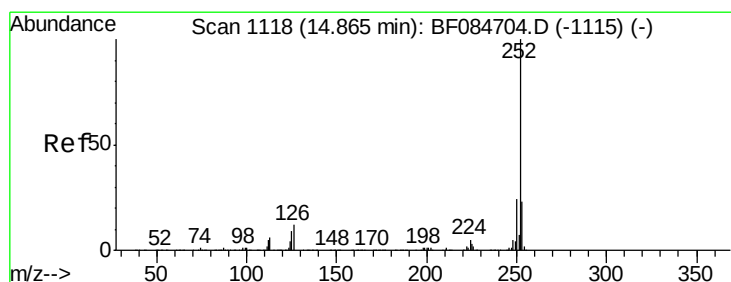
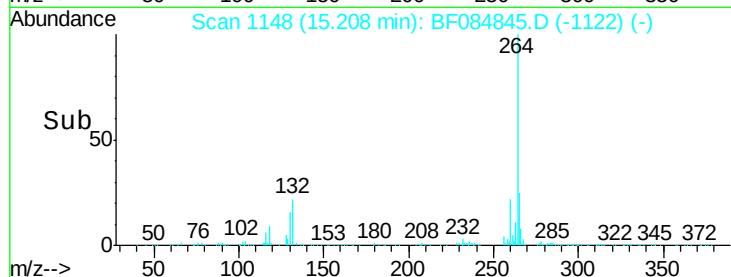
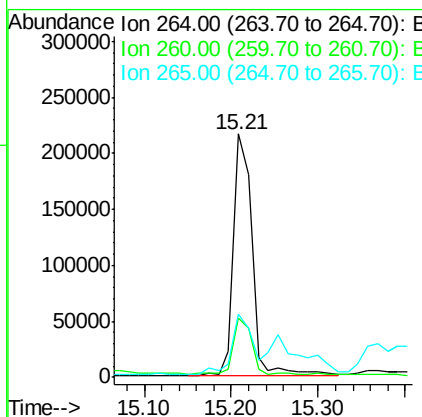
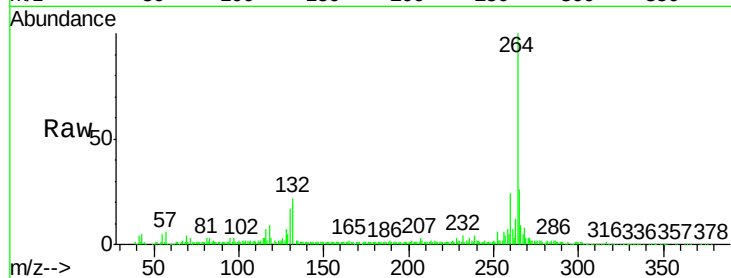
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	25.8	17.8	26.6

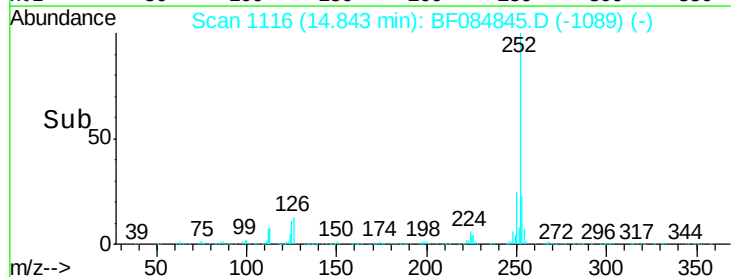
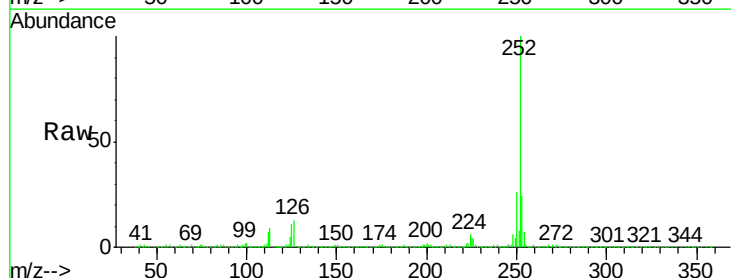
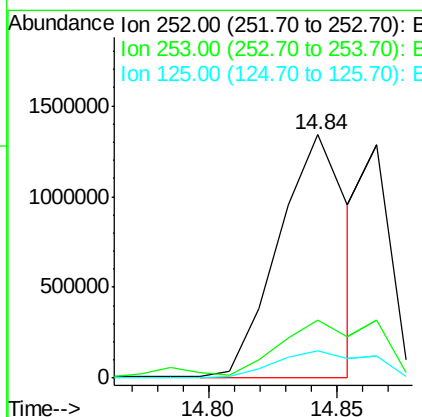
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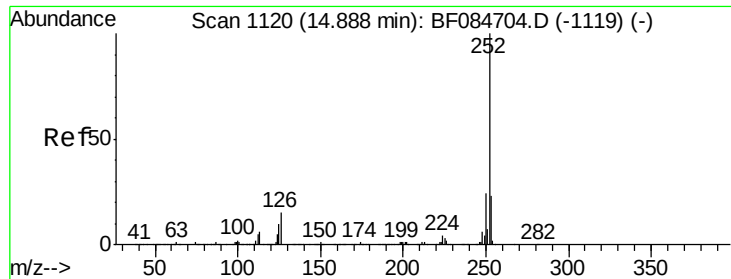
mohammad
2/5/2016 1:49:07 PM



#87
Benzo(b)fluoranthene
Concen: 115.64 ng m
RT: 14.84 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.1	6.5	9.7#





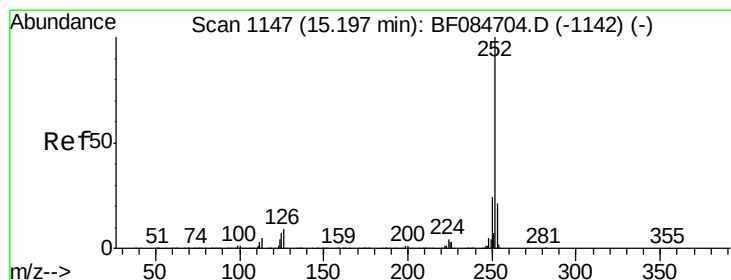
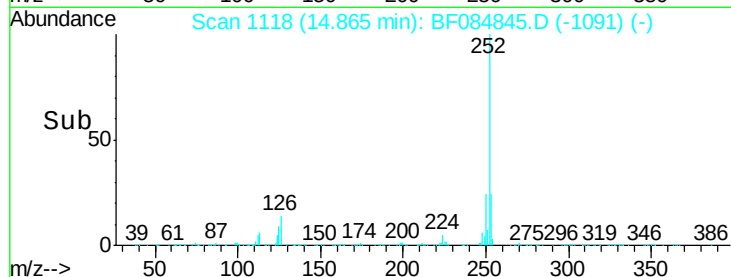
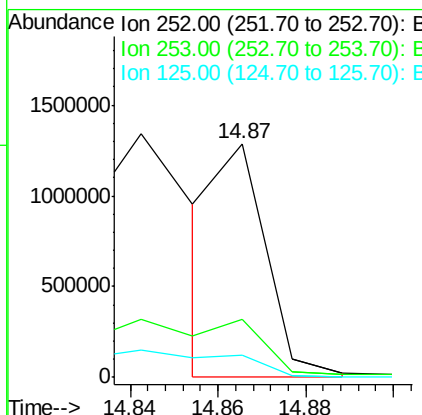
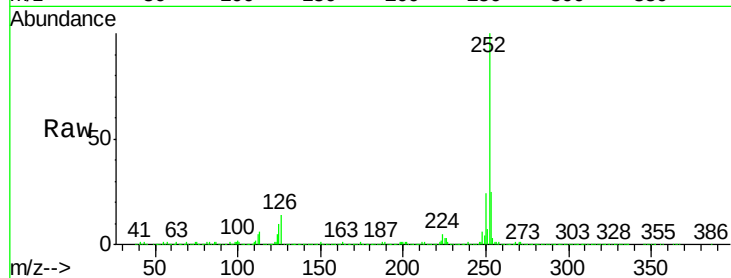
#88
Benzo(k)fluoranthene
Concen: 53.90 ng m
RT: 14.87 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	9.6	9.0	13.6

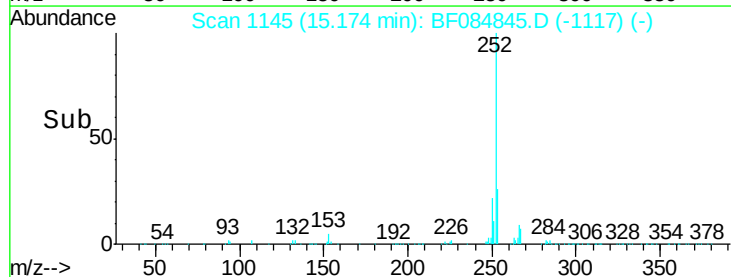
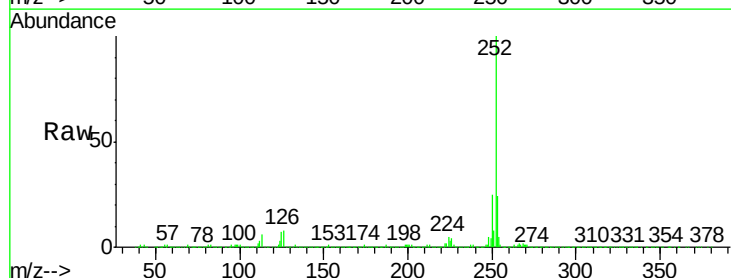
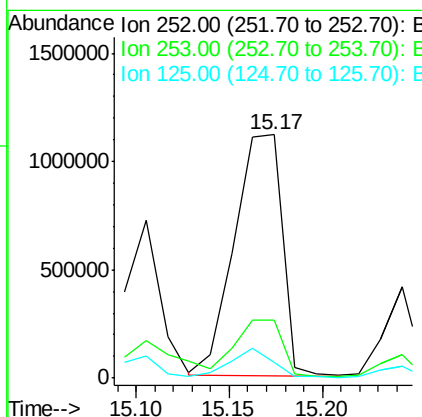
Manual Integrations
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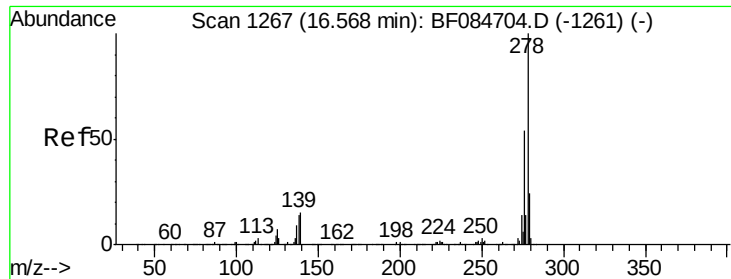
mohammad
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#89
Benzo(a)pyrene
Concen: 108.06 ng
RT: 15.17 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BF084845.D
Acq: 4 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	6.6	7.0	10.4





#90

Dibenzo(a,h)anthracene

Concen: 54.20 ng

RT: 16.52 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Instrument :

BNA_F

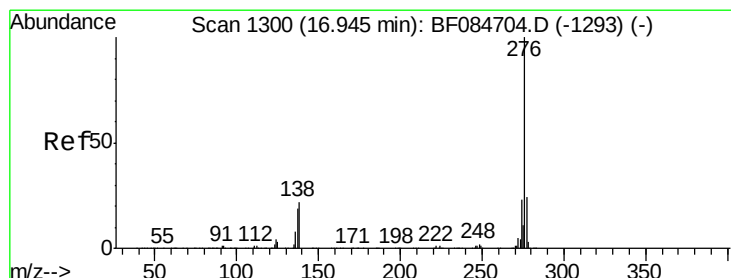
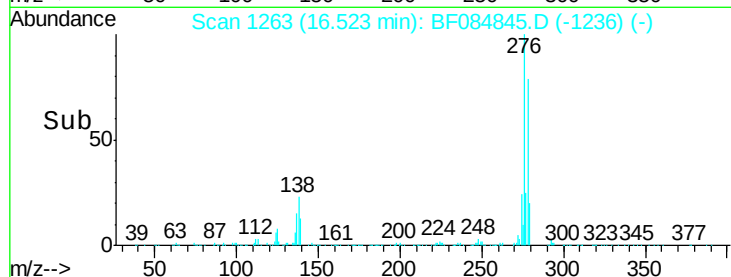
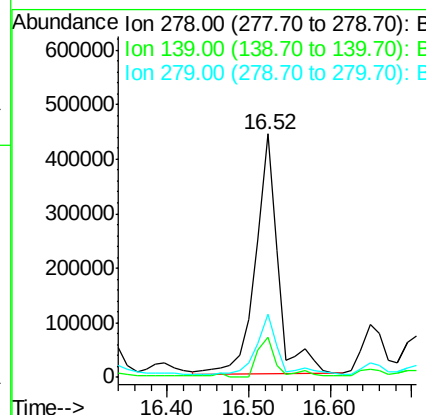
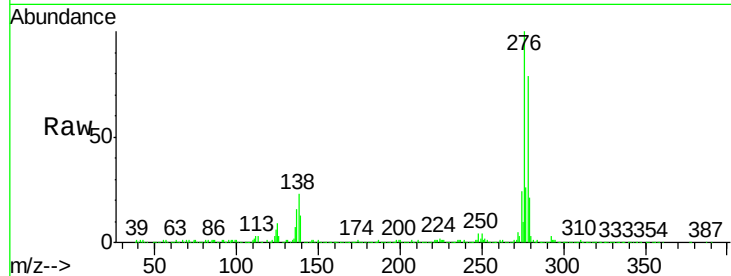
ClientSampleId :

S4-B019(11-13)MS

Tot Ion:	278	Resp:	845939
Ion Ratio	Lower	Upper	
278	100		
139	16.6	15.0	22.4
279	25.9	18.9	28.3

Manual Integrations
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2/5/2016 1:49:07 PM



#91

Benzo(g,h,i)perylene

Concen: 88.63 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.02 min

Lab File: BF084845.D

Acq: 4 Feb 2016 23:00

Tgt Ion:	276	Resp:	1393476
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.8	28.2
138	20.3	17.8	26.6

