

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084702.D
 Acq On : 1 Feb 2016 11:35
 Operator : SJ/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
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mohammad
 2/2/2016 4:17:18 PM

Quant Time: Feb 01 13:20:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 13:00:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164748	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	675527	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	326126	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	644901	20.00	ng	0.00
75) Chrysene-d12	13.86	240	522445	20.00	ng	-0.01
86) Perylene-d12	15.24	264	427055	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	235395	21.57	ng	0.00
7) Phenol-d6	6.35	99	274218	20.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	263146	21.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	74710	21.86	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	500485	22.81	ng	0.00
78) Terphenyl-d14	12.82	244	508109	21.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	48518	9.53	ng	# 77
3) Pyridine	2.92	79	108542	8.01	ng	# 78
4) n-Nitrosodimethylamine	2.82	42	61003	9.20	ng	# 88
6) Aniline	6.37	93	177029	10.54	ng	# 92
8) 2-Chlorophenol	6.50	128	134681	11.13	ng	93
9) Benzaldehyde	6.26	77	86653	11.44	ng	89
10) Phenol	6.37	94	160044	10.98	ng	# 67
11) bis(2-Chloroethyl)ether	6.45	93	118541	10.45	ng	98
12) 1,3-Dichlorobenzene	6.65	146	134336	10.36	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	143817	11.30	ng	95
14) 1,2-Dichlorobenzene	6.88	146	125350	10.69	ng	94
15) Benzyl Alcohol	6.86	79	99197	11.14	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	213346	10.99	ng	85
17) 2-Methylphenol	6.98	107	102304	10.90	ng	96
18) Hexachloroethane	7.23	117	50345	10.11	ng	# 76
19) n-Nitroso-di-n-propylamine	7.13	70	91401	11.44	ng	# 72
20) 3+4-Methylphenols	7.14	107	134038	11.77	ng	91
22) Acetophenone	7.13	105	204768	11.61	ng	# 96
24) Nitrobenzene	7.30	77	141565	11.02	ng	94
25) Isophorone	7.54	82	257940	11.39	ng	98
26) 2-Nitrophenol	7.62	139	69978	11.45	ng	94
27) 2,4-Dimethylphenol	7.66	122	118794	11.10	ng	92
28) bis(2-Chloroethoxy)methane	7.76	93	148349	10.91	ng	98
29) 2,4-Dichlorophenol	7.86	162	99074	10.58	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	112813	10.53	ng	94
31) Naphthalene	8.02	128	377193	11.06	ng	98
32) Benzoic acid	7.76	122	63244	7.70	ng	97
33) 4-Chloroaniline	8.08	127	160023	11.54	ng	94
34) Hexachlorobutadiene	8.14	225	69906	11.05	ng	99
35) Caprolactam	8.42	113	28988	10.79	ng	# 34
36) 4-Chloro-3-methylphenol	8.57	107	118136	11.46	ng	97
37) 2-Methylnaphthalene	8.72	142	232332	11.10	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	110204	10.42	ng	100
40) Hexachlorocyclopentadiene	8.86	237	23769	4.94	ng	95

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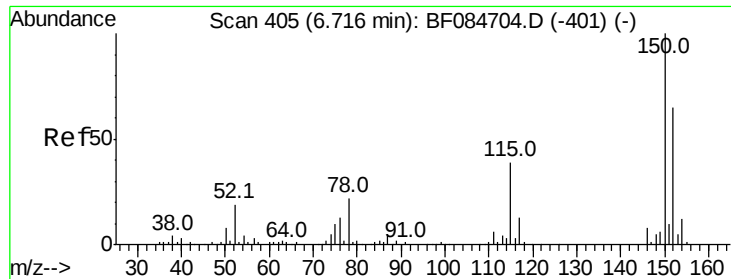
Manual Integrations
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Quant Time: Feb 01 13:20:46 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	68649	10.45	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	75656	11.15	nq	# 90
45) 1,1'-Biphenyl	9.17	154	317037	10.61	nq	96
46) 2-Chloronaphthalene	9.20	162	235117	10.78	nq	95
47) 2-Nitroaniline	9.30	65	77055	11.77	nq	90
48) Acenaphthylene	9.61	152	357208	10.81	nq	99
49) Dimethylphthalate	9.48	163	292541	11.95	nq	# 90
50) 2,6-Dinitrotoluene	9.54	165	56249	10.44	nq	# 57
51) Acenaphthene	9.78	154	228969	10.35	nq	97
52) 3-Nitroaniline	9.71	138	67211	11.94	nq	# 73
53) 2,4-Dinitrophenol	9.81	184	13712	5.16	nq	# 58
54) Dibenzofuran	9.95	168	281333	10.65	nq	92
55) 4-Nitrophenol	9.88	139	48946	11.84	nq	# 81
56) 2,4-Dinitrotoluene	9.94	165	74629	10.67	nq	# 83
57) Fluorene	10.29	166	254688	11.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	55730	10.87	nq	89
59) Diethylphthalate	10.18	149	281495	11.75	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	126970	12.64	nq	96
61) 4-Nitroaniline	10.32	138	66858	12.55	nq	85
62) Azobenzene	10.45	77	266760	11.63	nq	98
64) 4,6-Dinitro-2-methylphenol	10.35	198	30401	7.22	nq	93
65) n-Nitrosodiphenylamine	10.41	169	207300	9.91	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	74058	10.20	nq	99
67) Hexachlorobenzene	10.84	284	86060	10.89	nq	95
68) Atrazine	10.94	200	70824	11.30	nq	96
69) Pentachlorophenol	11.04	266	27431	7.19	nq	95
70) Phenanthrene	11.25	178	403470	11.31	nq	99
71) Anthracene	11.30	178	381910	10.53	nq	99
72) Carbazole	11.46	167	330189	10.57	nq	100
73) Di-n-butylphthalate	11.80	149	437783	11.52	nq	# 98
74) Fluoranthene	12.44	202	391485	11.10	nq	91
76) Benzidine	12.57	184	98223	4.94	nq	97
77) Pyrene	12.66	202	398628	10.12	nq	99
79) Butylbenzylphthalate	13.30	149	178608	10.61	nq	# 84
80) Benzo(a)anthracene	13.85	228	351924	10.81	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	111798	9.76	nq	# 94
82) Chrysene	13.88	228	326109	10.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	239349	10.96	nq	# 98
84) Di-n-octyl phthalate	14.47	149	369649	10.71	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.55	276	245541	8.65	nq	99
87) Benzo(b)fluoranthene	14.85	252	345442m	12.49	nq	
88) Benzo(k)fluoranthene	14.89	252	210794m	9.23	nq	
89) Benzo(a)pyrene	15.19	252	257654	10.77	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	207079	9.61	nq	97
91) Benzo(g,h,i)perylene	16.93	276	198580	9.12	nq	99

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



#1

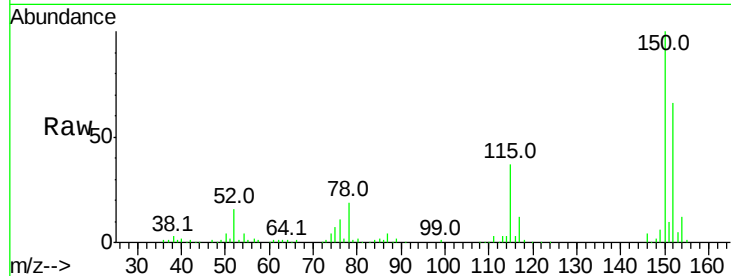
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

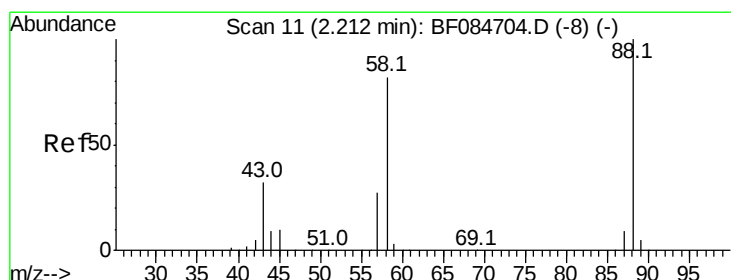
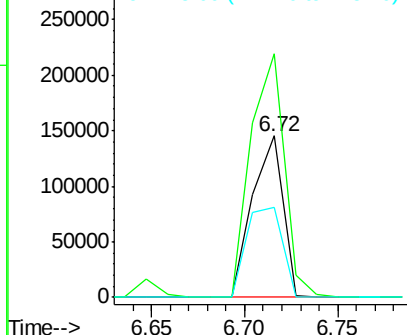
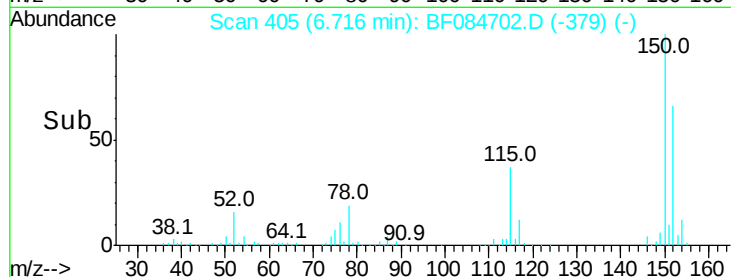
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.0	184.4
115	55.6	51.4	77.2

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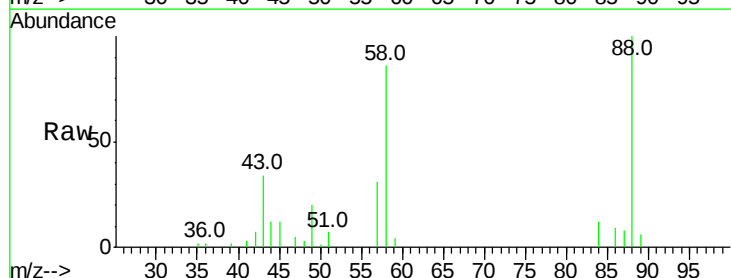
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



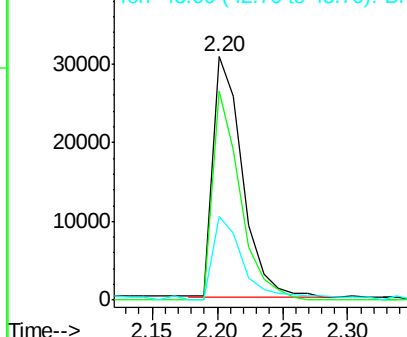
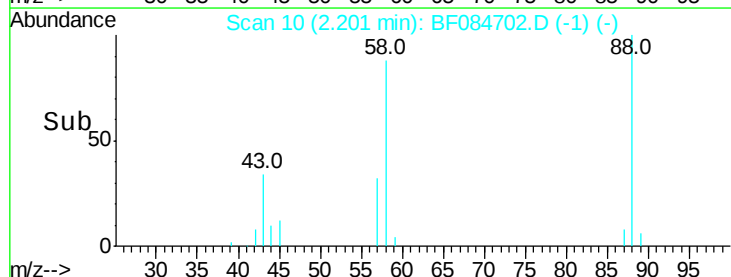
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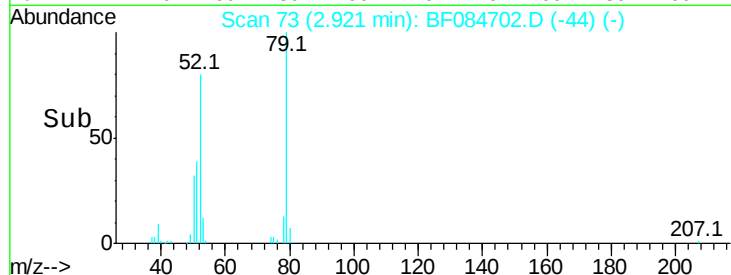
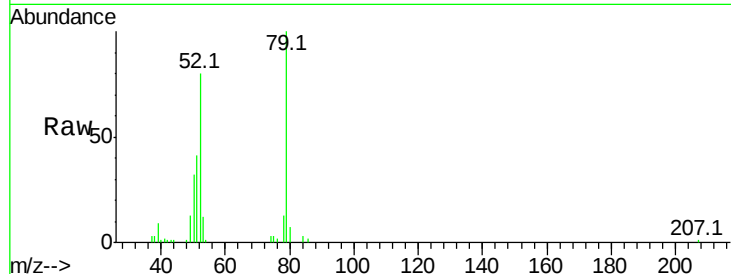
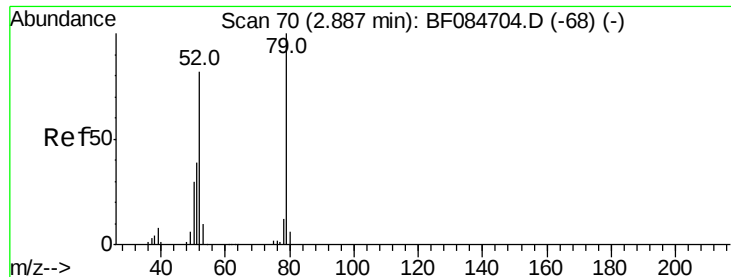
1,4-Dioxane
Concen: 9.53 ng
RT: 2.20 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	51.2	76.8#
43	38.2	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





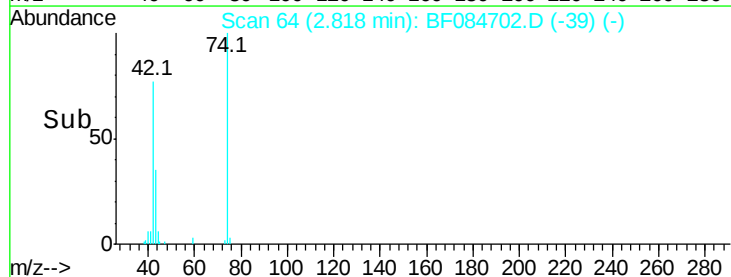
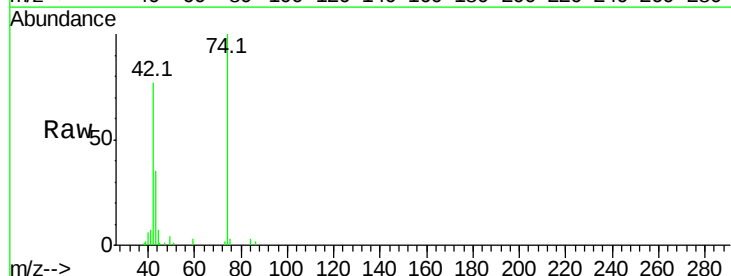
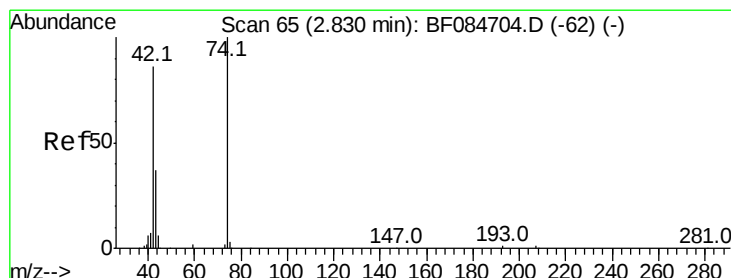
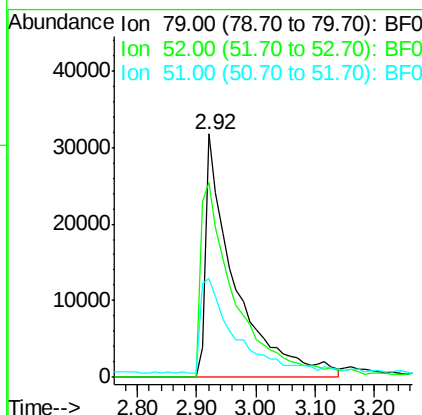
#3
Pvridine
Concen: 8.01 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.03 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.3	49.0	73.4#
51	40.9	25.2	37.8#

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

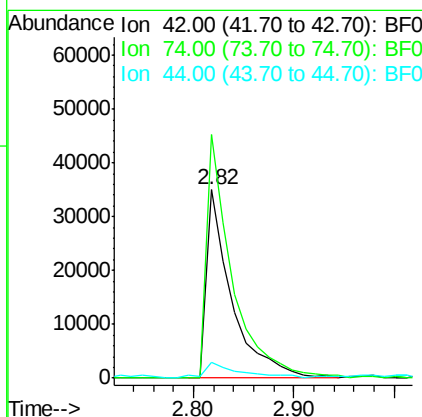
Manual Integrations
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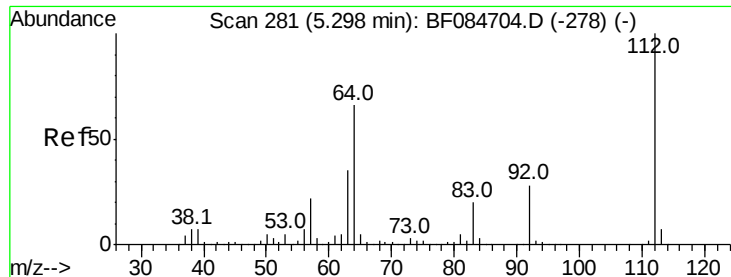
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#4
n-Nitrosodimethylamine
Concen: 9.20 ng
RT: 2.82 min Scan# 64
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.4	115.7	173.5
44	8.5	5.1	7.7#





#5

2-Fluorophenol

Concen: 21.57 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

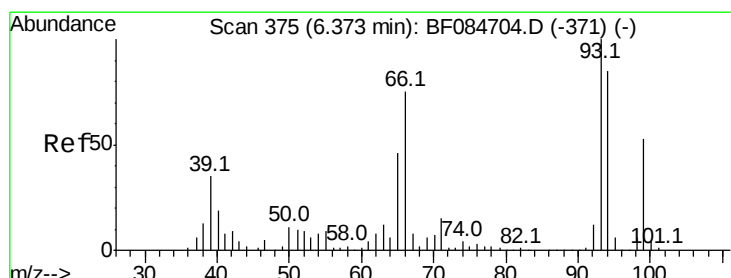
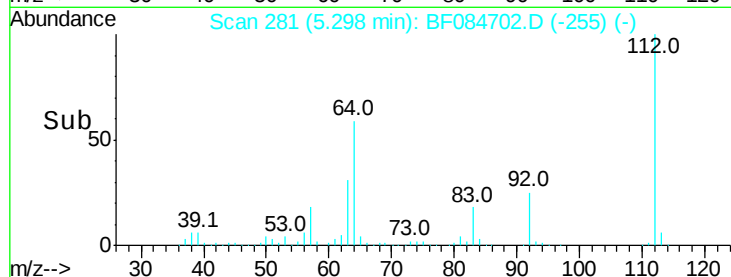
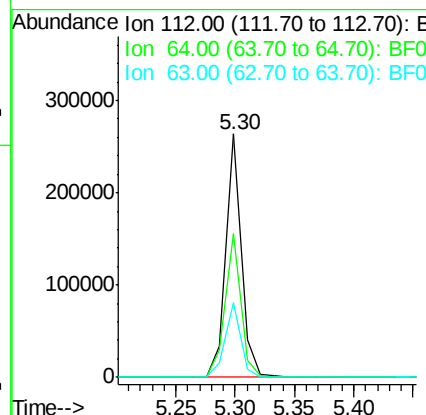
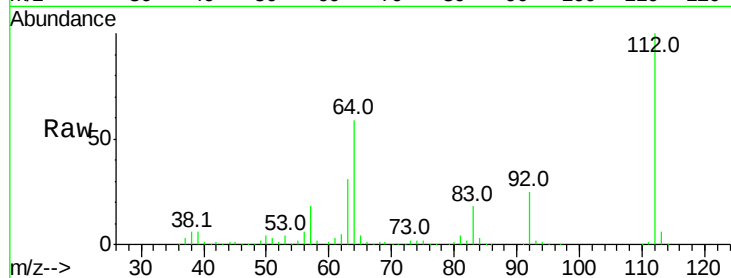
ClientSampleId :

SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		235395		
64	58.9	36.6	55.0#		
63	30.6	19.4	29.0#		

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#6

Aniline

Concen: 10.54 ng

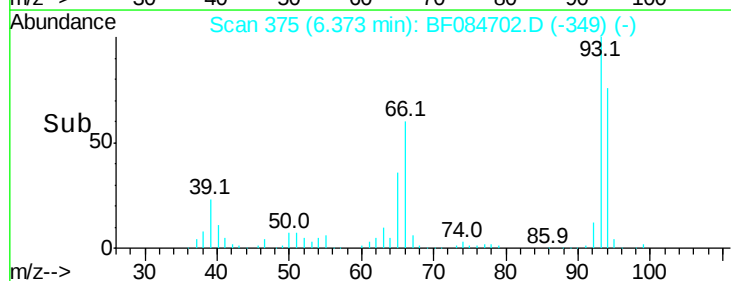
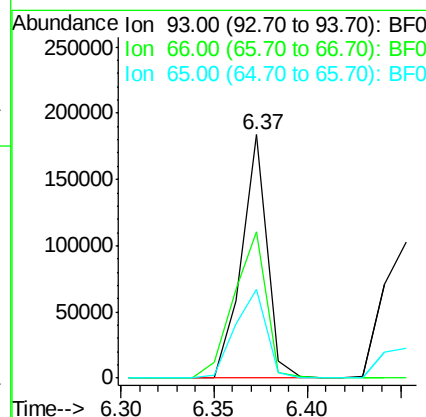
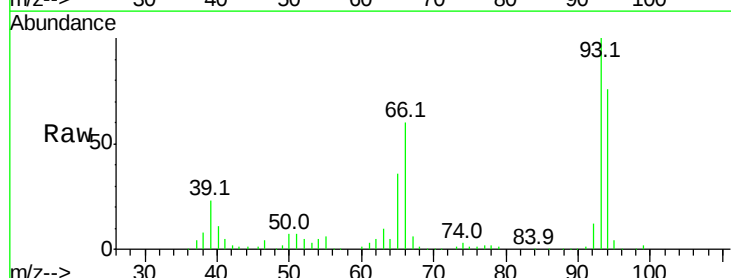
RT: 6.37 min Scan# 375

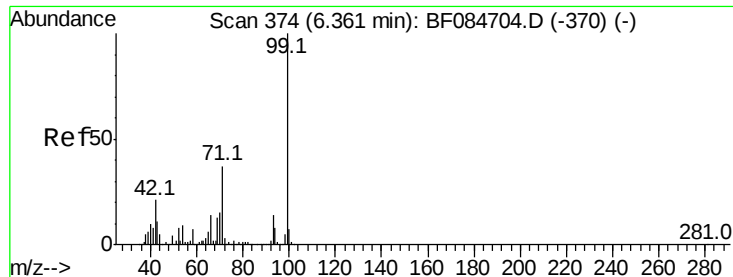
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177029		
66	59.9	44.9	67.3		
65	36.3	23.7	35.5#		





#7

Phenol-d6

Concen: 20.96 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

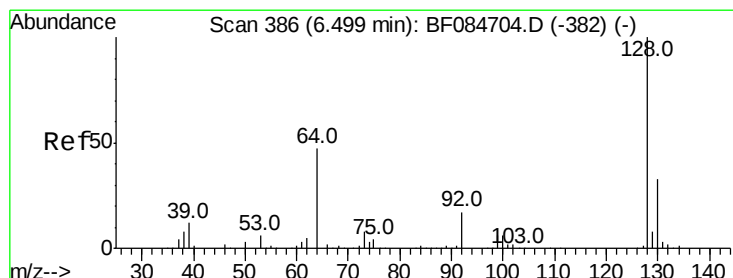
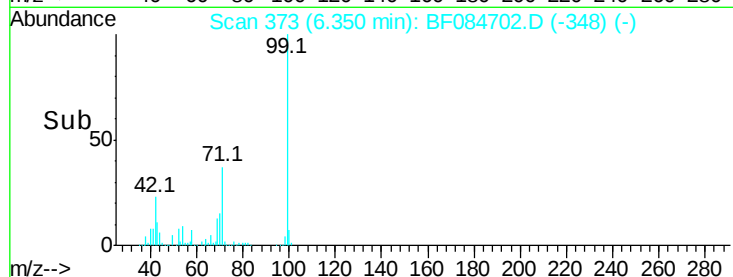
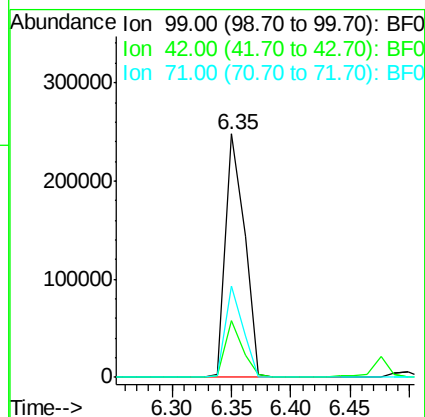
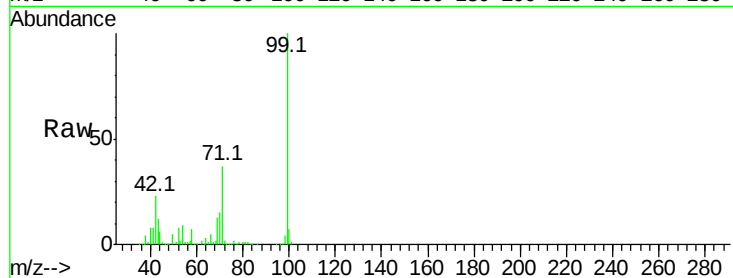
ClientSampleId :

SSTDIC010

Tot Ion:	99	Resp:	274218
Ion Ratio	Lower	Upper	
99	100		
42	23.2	12.8	19.2#
71	37.4	30.9	46.3

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#8

2-Chlorophenol

Concen: 11.13 ng

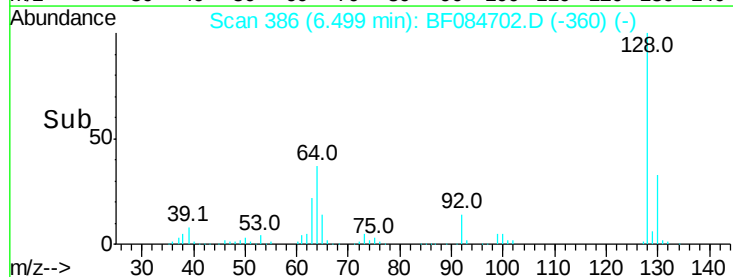
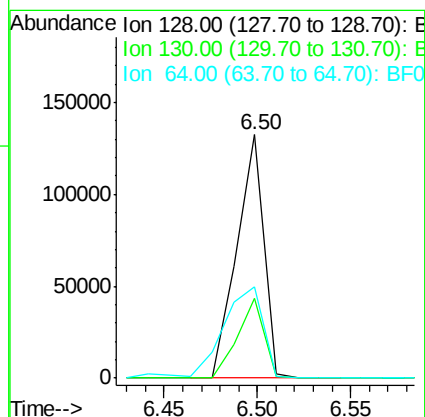
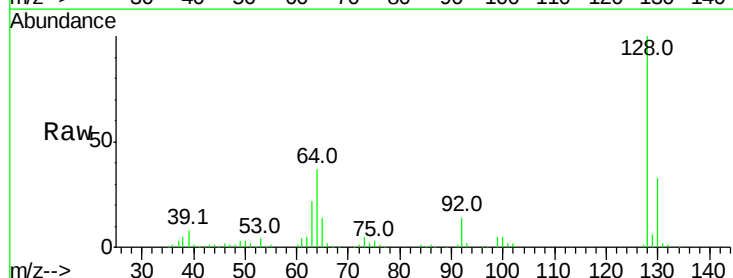
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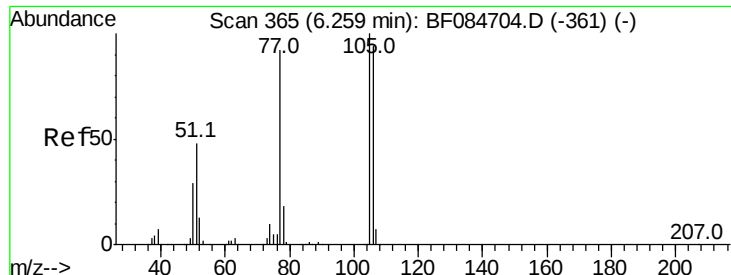
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	128	Resp:	134681
Ion Ratio	Lower	Upper	
128	100		
130	32.8	11.6	51.6
64	37.3	23.8	63.8





#9

Benzaldehyde

Concen: 11.44 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

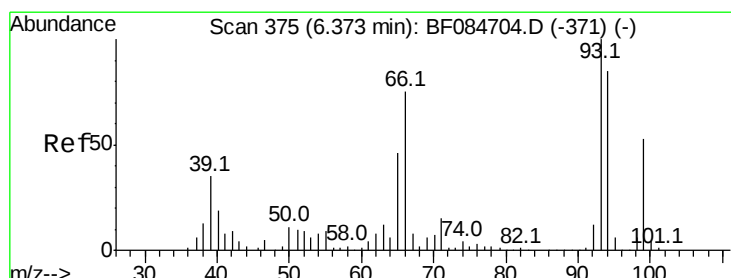
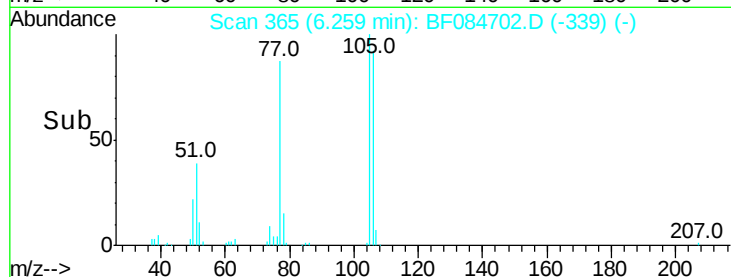
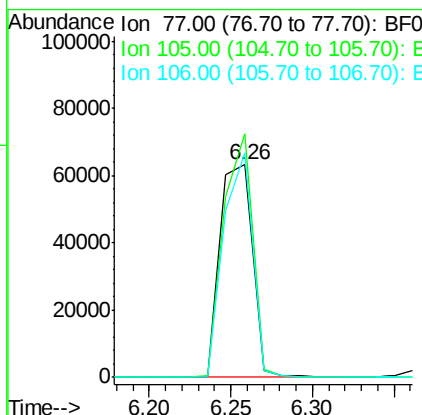
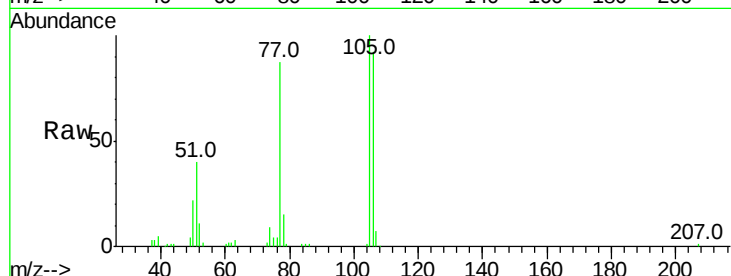
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	114.5	83.0	123.0
106	105.3	74.6	114.6



#10

Phenol

Concen: 10.98 ng

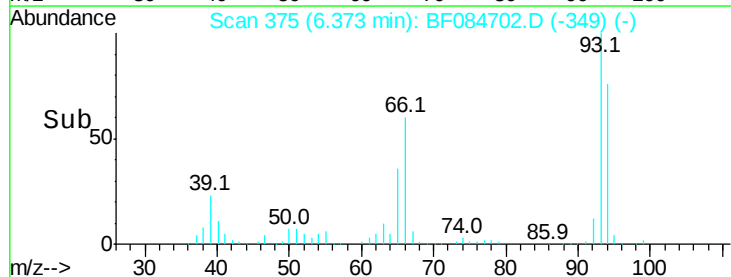
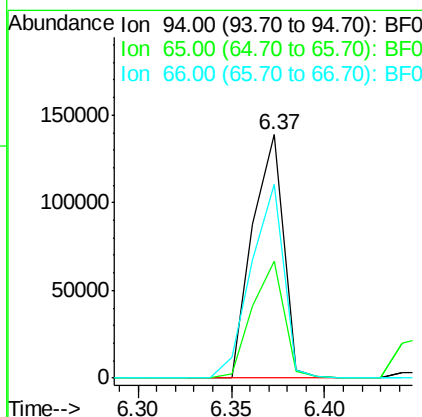
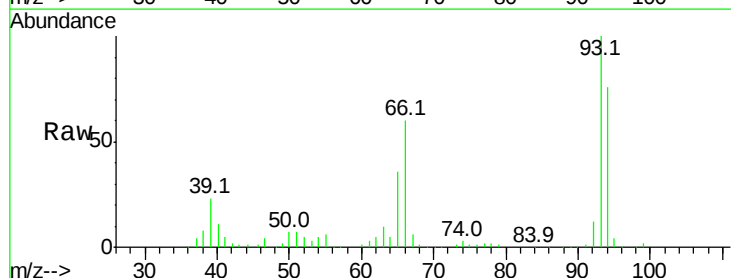
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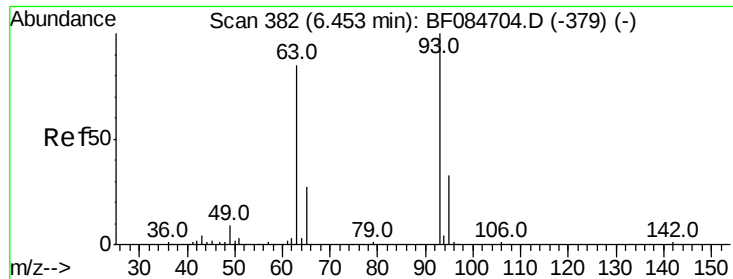
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	48.0	12.9	52.9
66	79.3	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 10.45 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

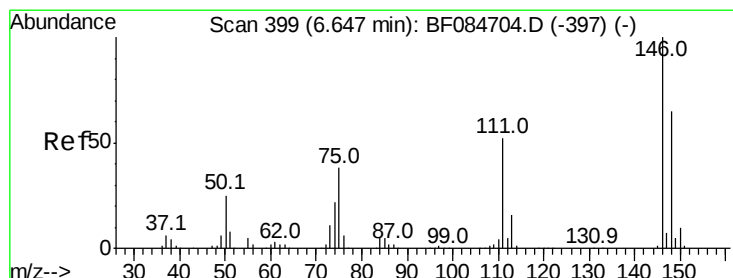
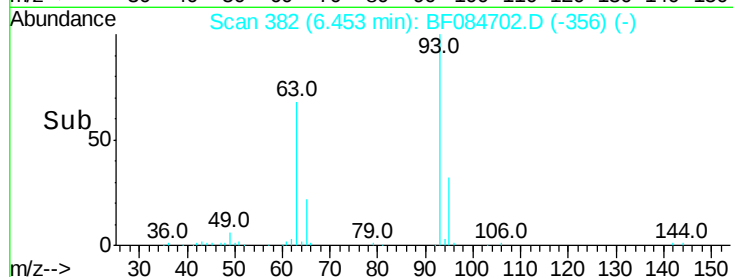
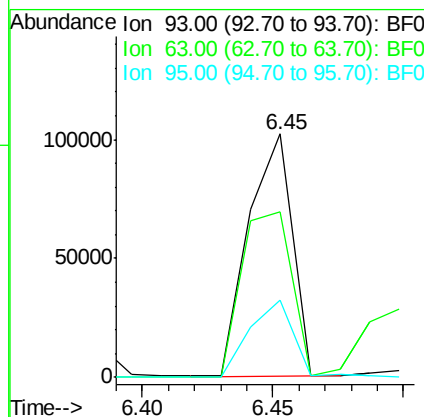
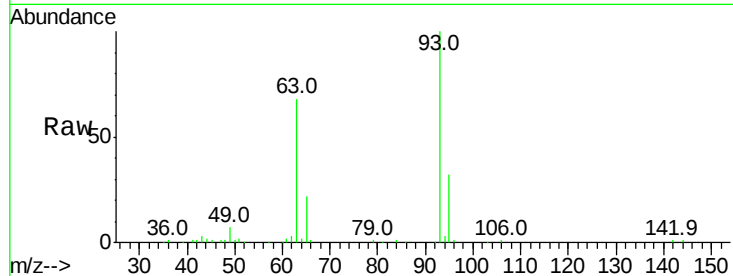
ClientSampleId :

SSTDICC010

Tot Ion:	93	Resp:	118541
Ion Ratio	Lower	Upper	
93	100		
63	68.0	45.9	85.9
95	31.9	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 10.36 ng

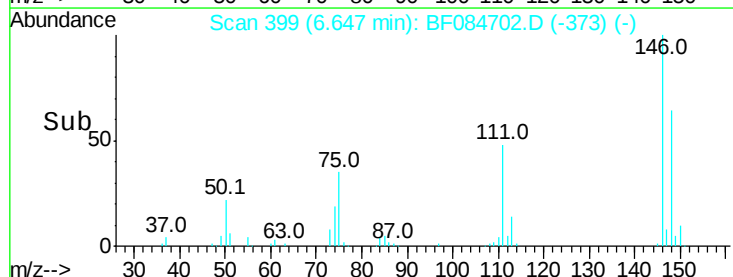
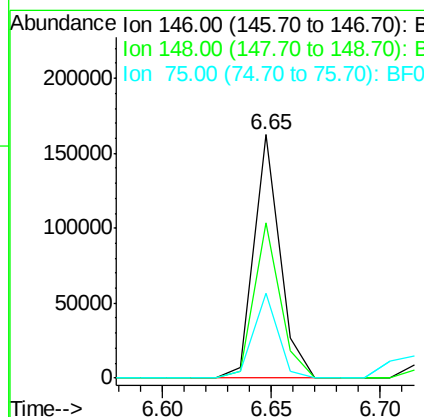
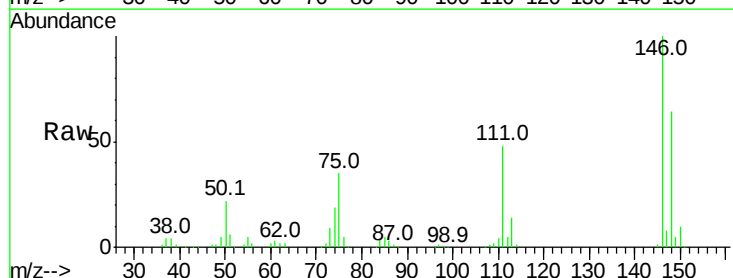
RT: 6.65 min Scan# 399

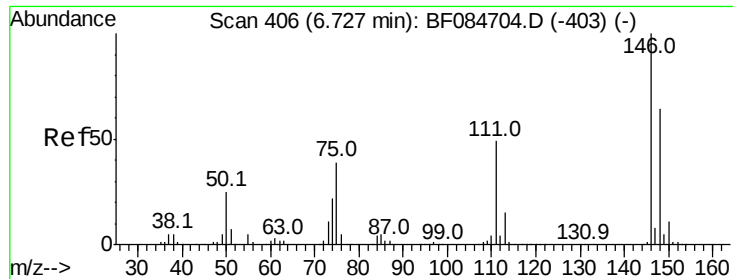
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	146	Resp:	134336
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.9	77.9
75	34.9	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 11.30 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

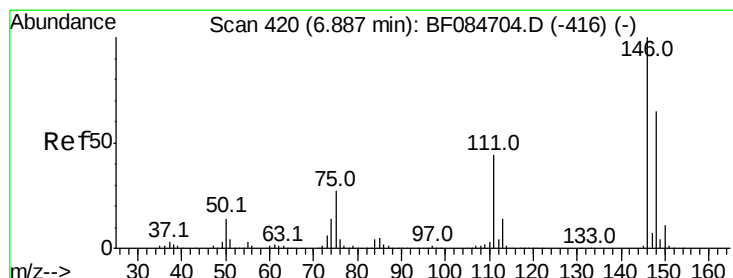
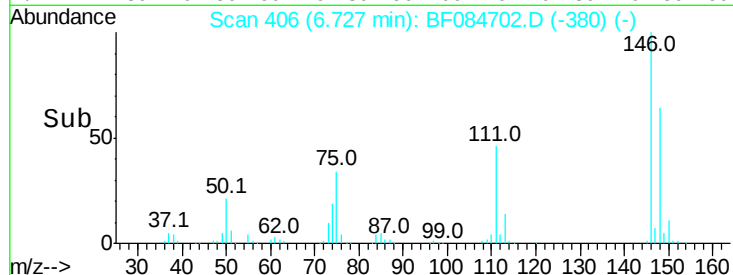
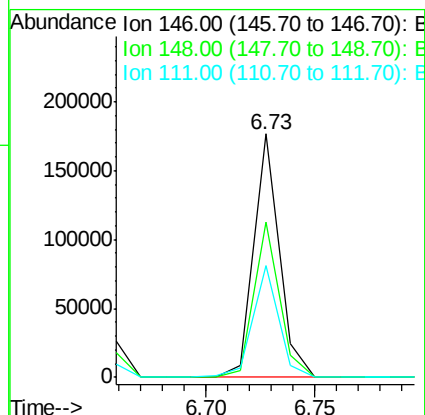
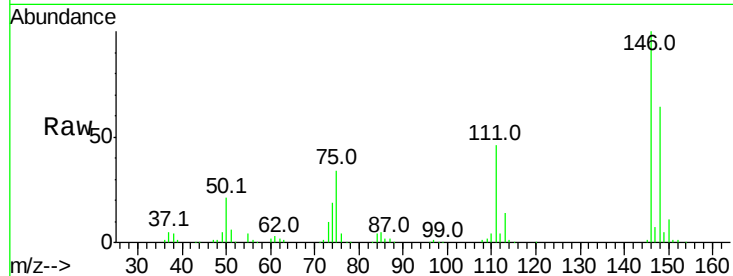
ClientSampleId :

SSTDICC010

Tot Ion:	146	Resp:	143817
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.9	77.9
111	45.8	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 10.69 ng

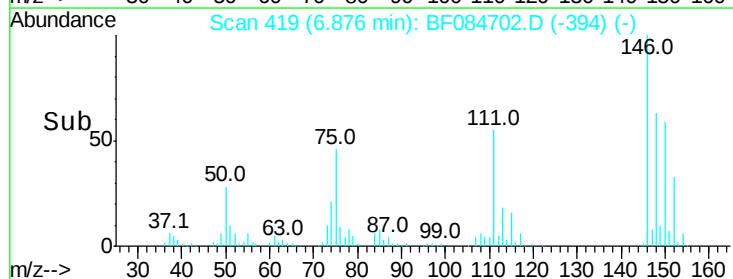
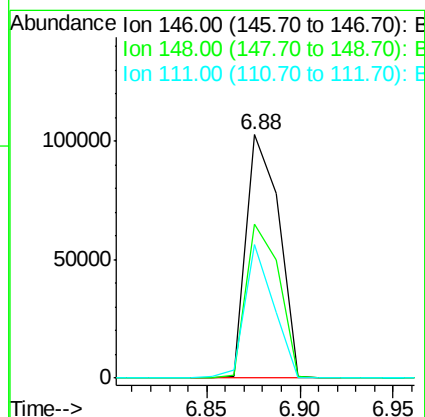
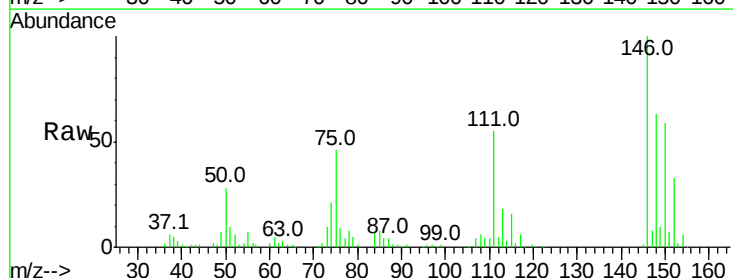
RT: 6.88 min Scan# 419

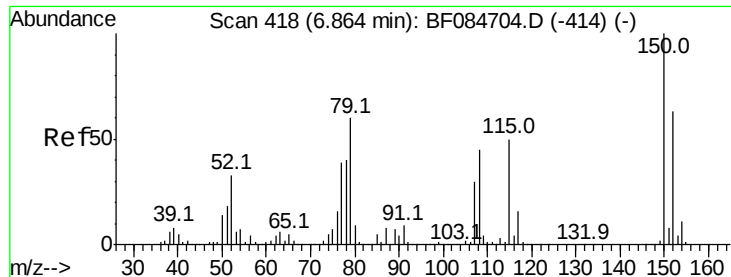
Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	146	Resp:	125350
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.6	77.4
111	55.0	38.0	57.0





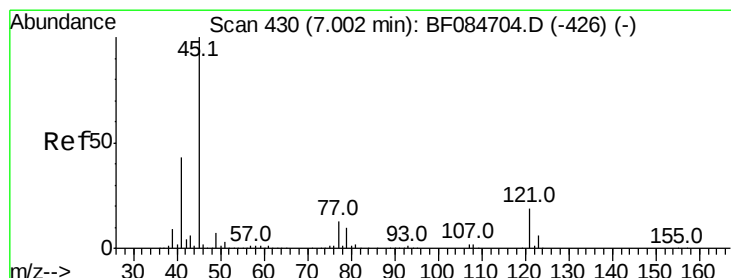
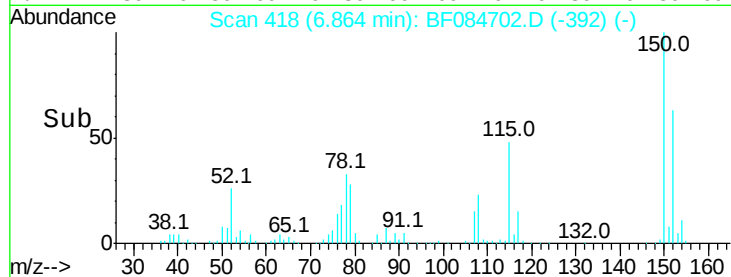
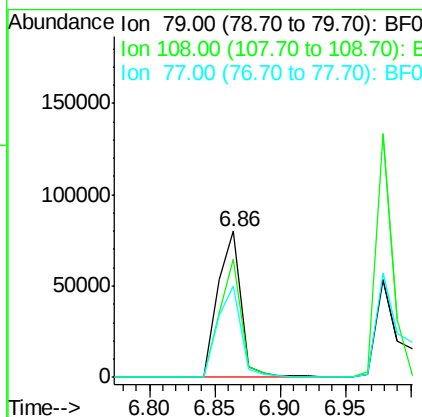
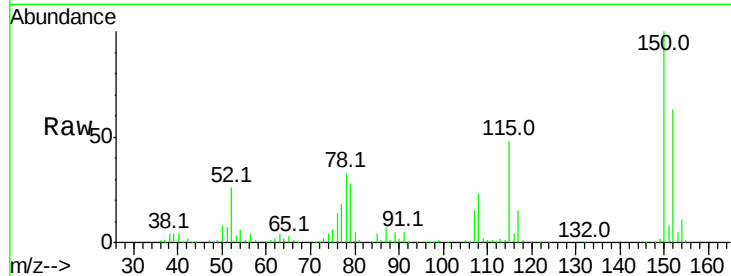
#15
Benzyl Alcohol
Concen: 11.14 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	69.0	103.4
77	62.9	50.0	75.0

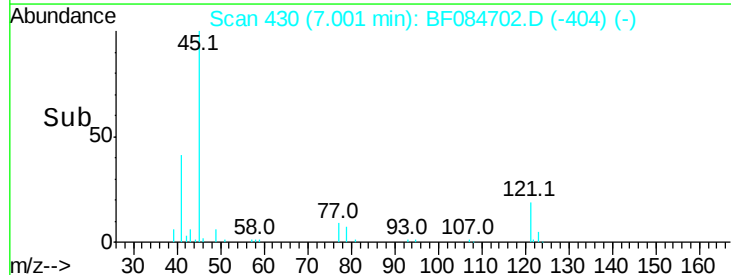
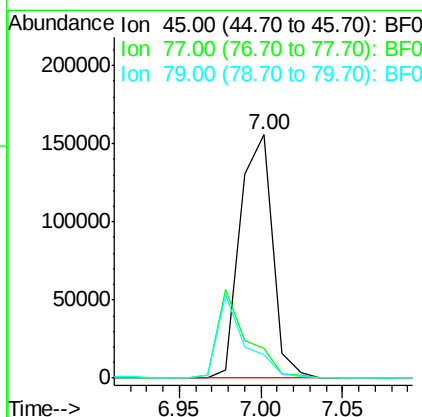
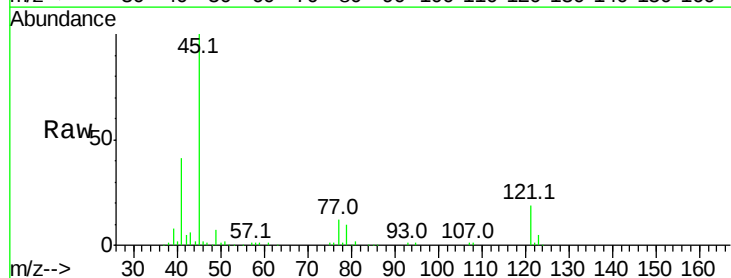
Manual Integrations
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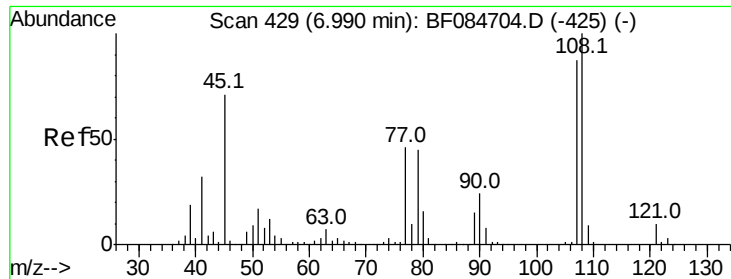
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#16
2,2'-oxybis(1-chloropropane)
Concen: 10.99 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	39.6
79	9.9	0.0	35.0





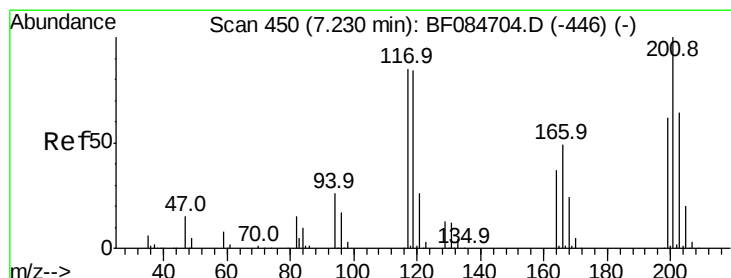
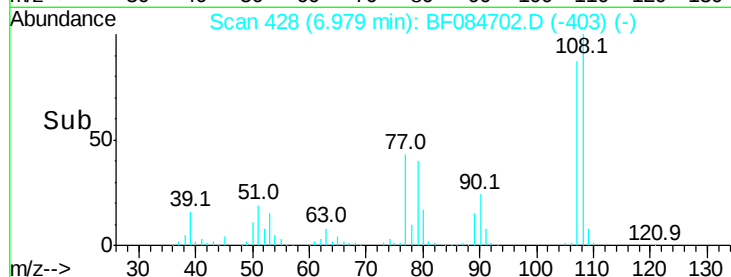
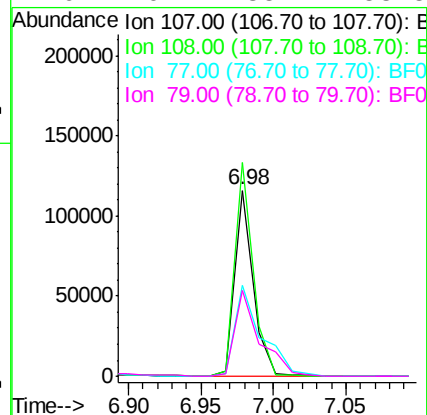
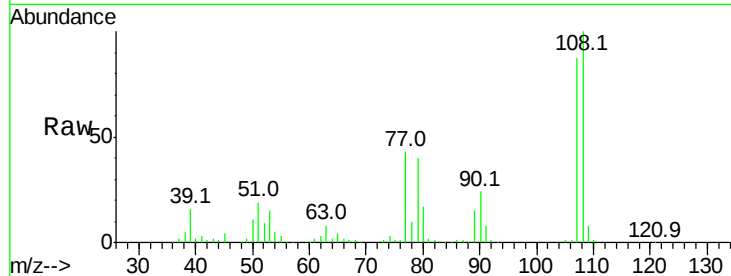
#17
2-Methylphenol
Concen: 10.90 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	89.8	134.6	
77	49.3	35.7	53.5	
79	46.2	35.7	53.5	

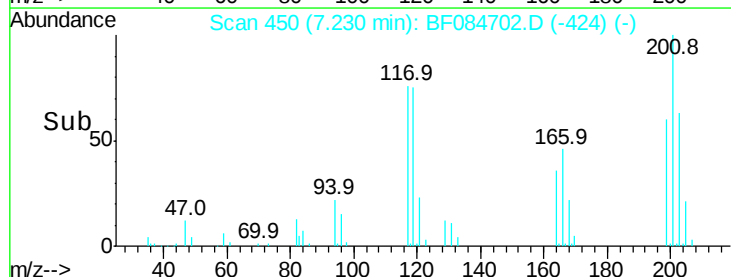
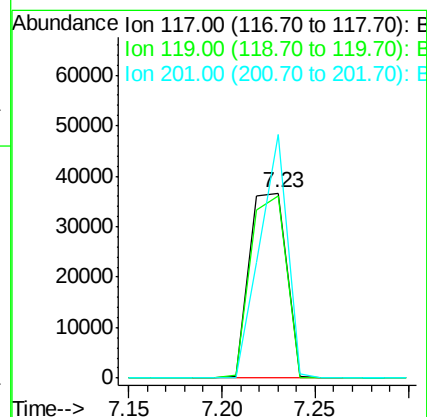
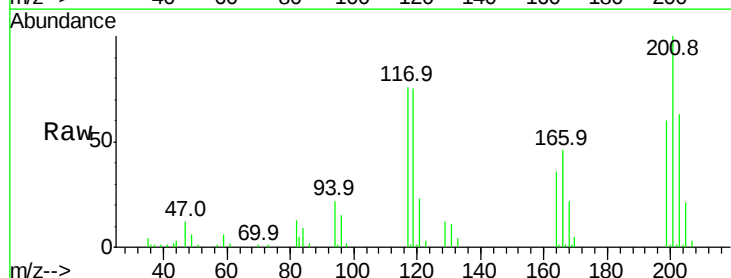
Manual Integrations
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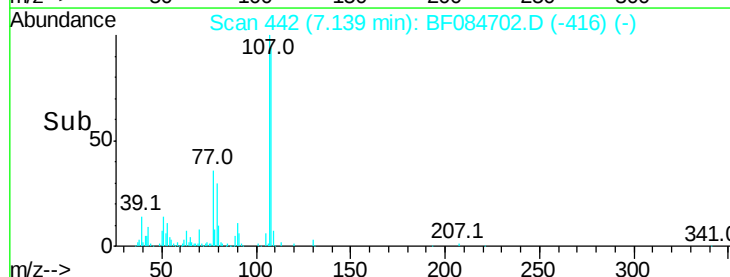
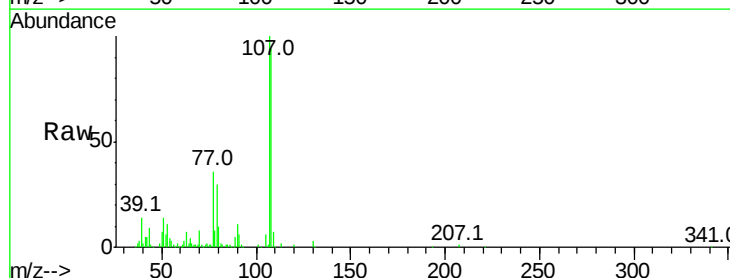
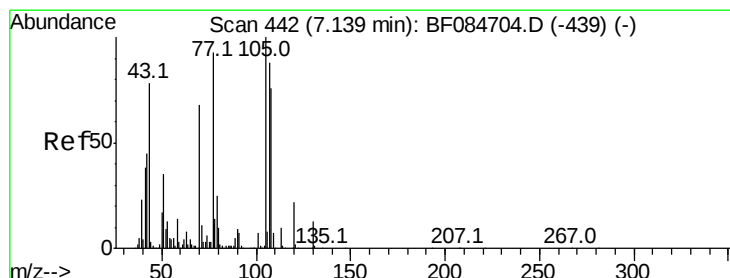
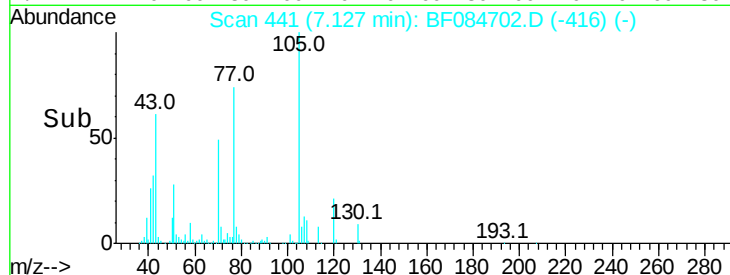
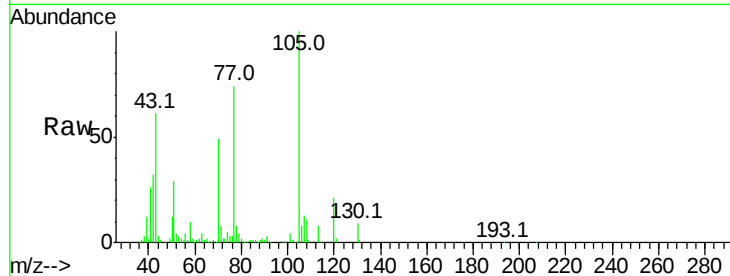
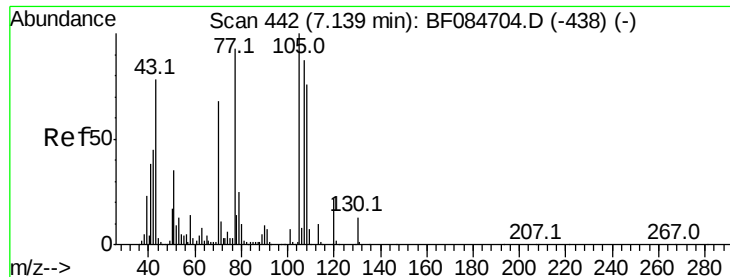
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#18
Hexachloroethane
Concen: 10.11 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	77.4	116.0	
201	131.5	68.6	103.0	





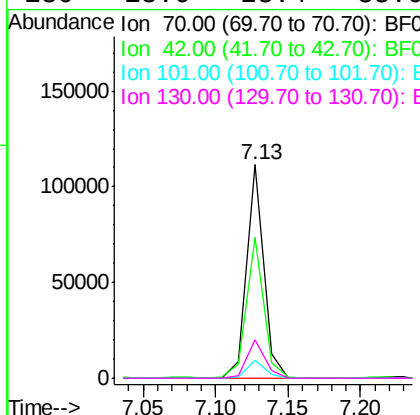
#19
n-Nitroso-di-n-propylamine
Concen: 11.44 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.2	33.3	49.9#
101	8.3	9.3	13.9#
130	18.0	23.4	35.0#

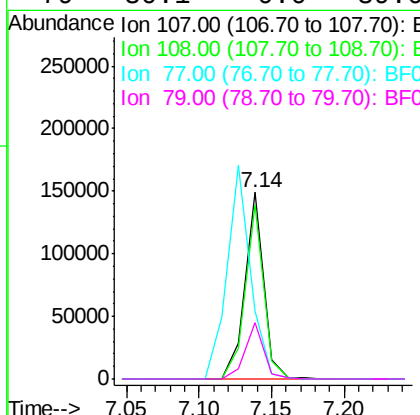
Manual Integrations
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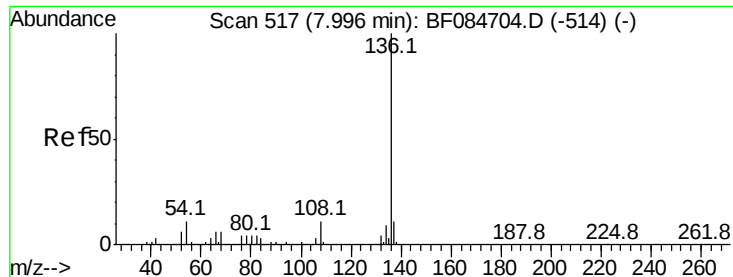
mohammad
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#20
3+4-Methylphenols
Concen: 11.77 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	74.6	114.6
77	36.1	0.7	40.7
79	30.1	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

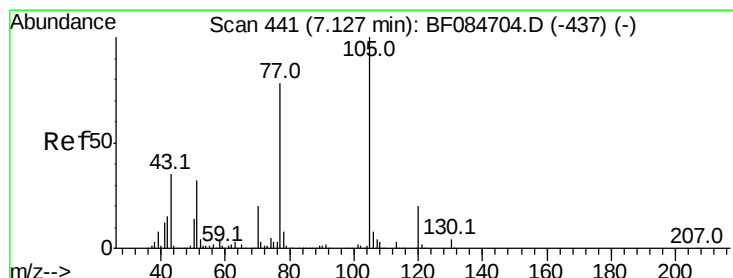
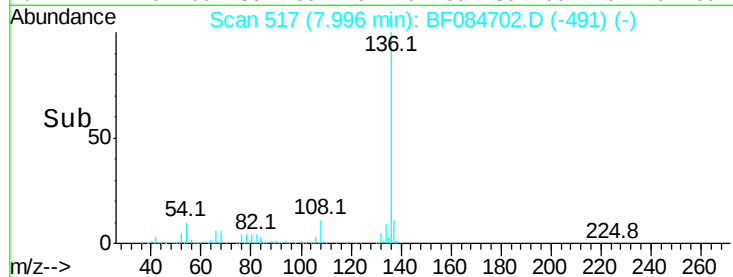
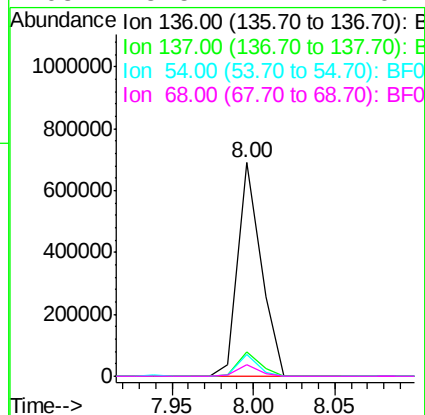
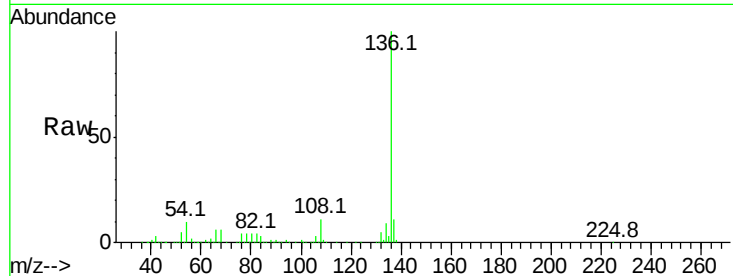
ClientSampleId :

SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.2	5.8	8.8#
68	5.5	4.2	6.2

Manual Integrations
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#22

Acetophenone

Concen: 11.61 ng

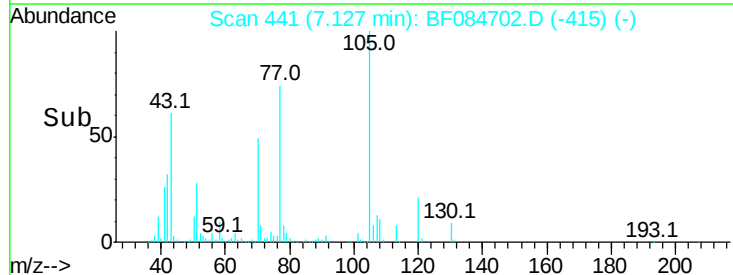
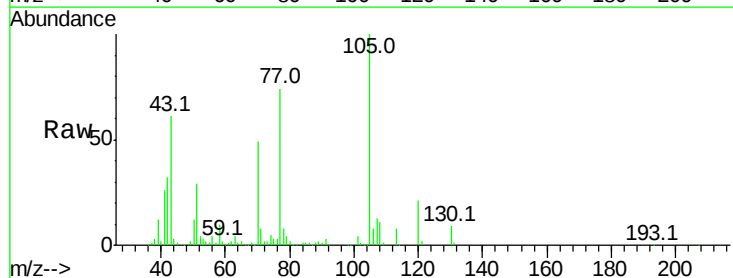
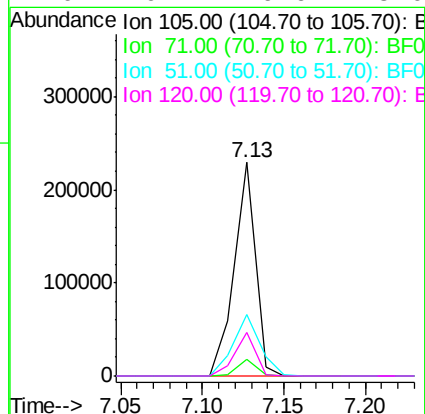
RT: 7.13 min Scan# 441

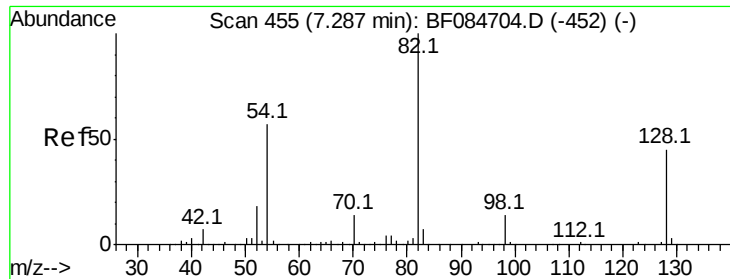
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.7	3.7	5.5#
51	28.5	25.1	37.7
120	20.7	16.6	25.0





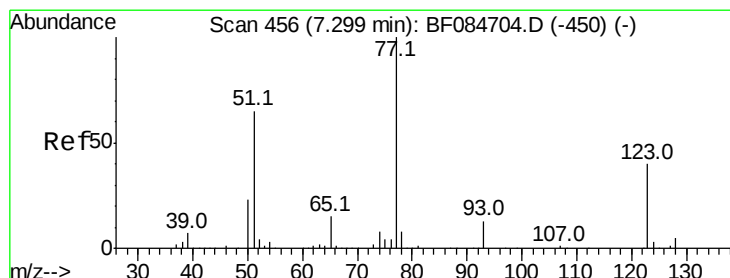
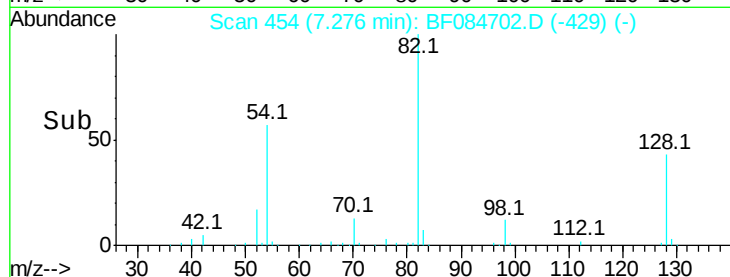
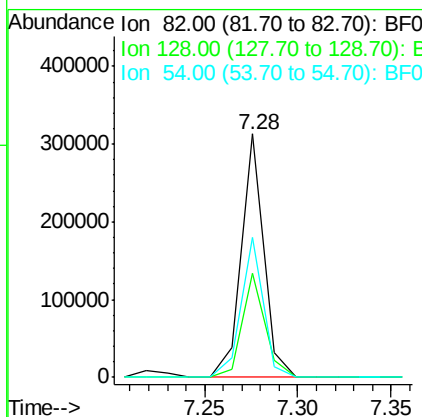
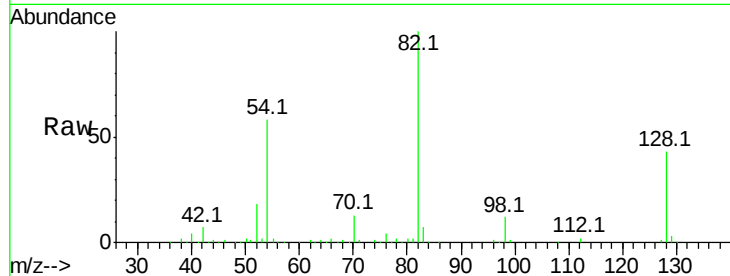
#23
 Nitrobenzene-d5
 Concen: 21.77 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.0	34.6	51.8
54	57.6	38.4	57.6

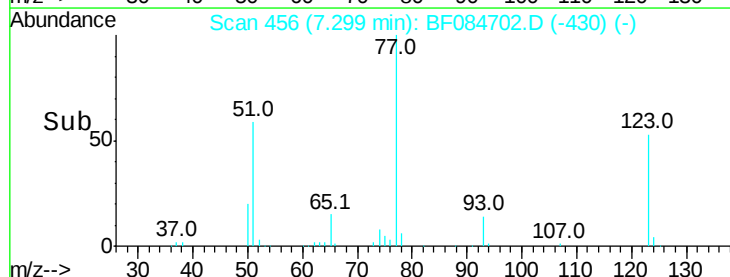
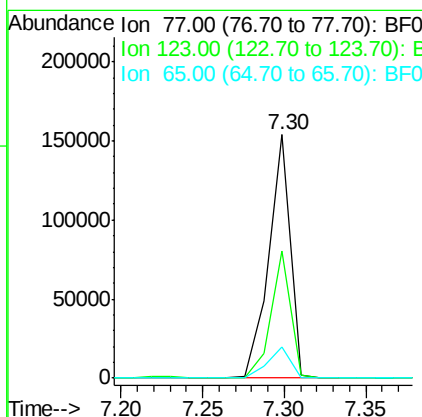
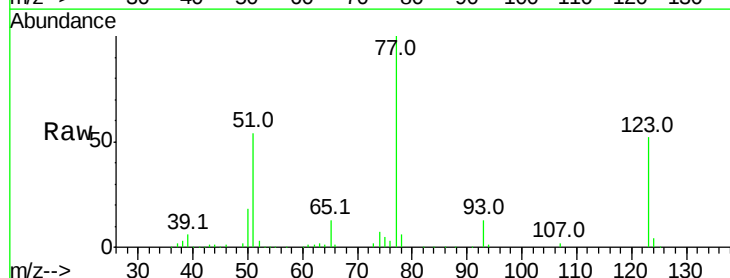
Manual Integrations
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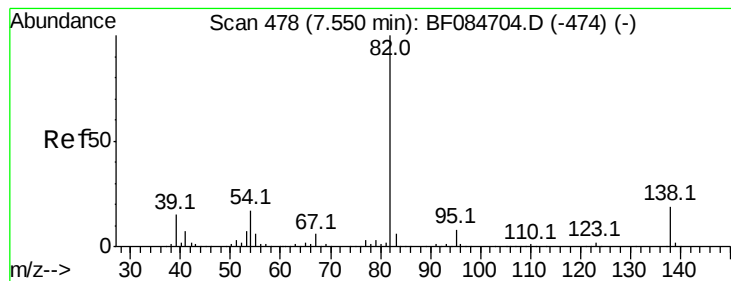
mohammad
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#24
 Nitrobenzene
 Concen: 11.02 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	52.1	37.4	56.2
65	13.0	10.9	16.3





#25

Isophorone

Concen: 11.39 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

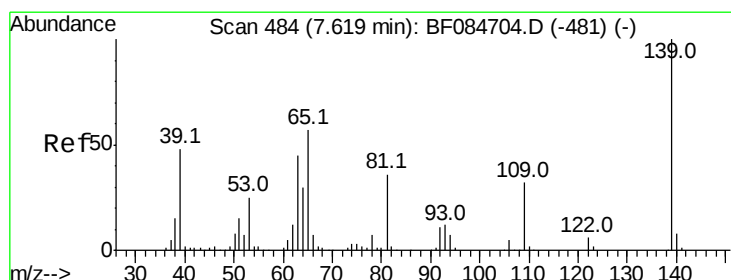
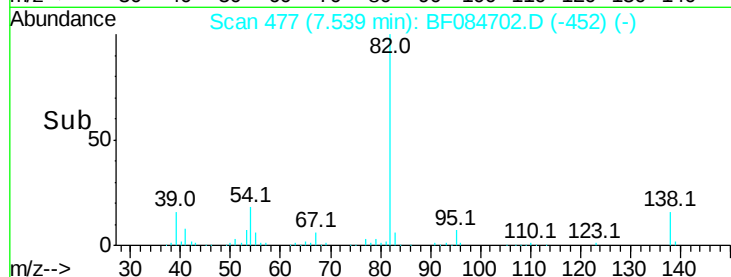
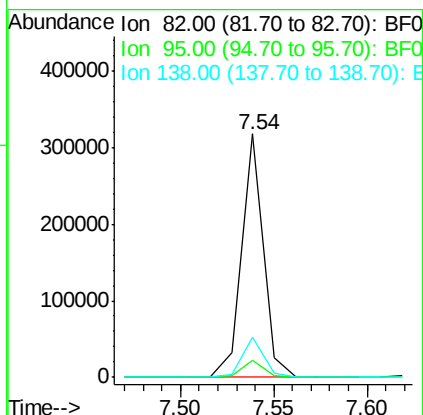
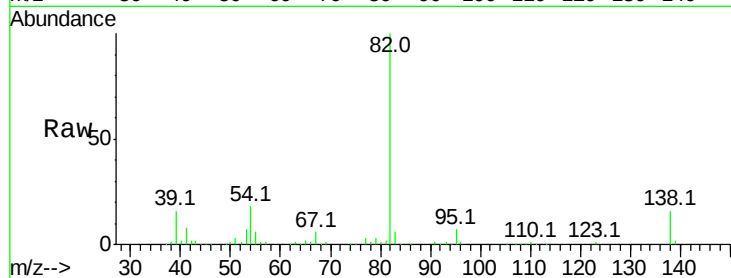
ClientSampleId :

SSTDIC010

Tot Ion:	82	Resp:	257940
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.6	10.0
138	16.3	13.6	20.4

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#26

2-Nitrophenol

Concen: 11.45 ng

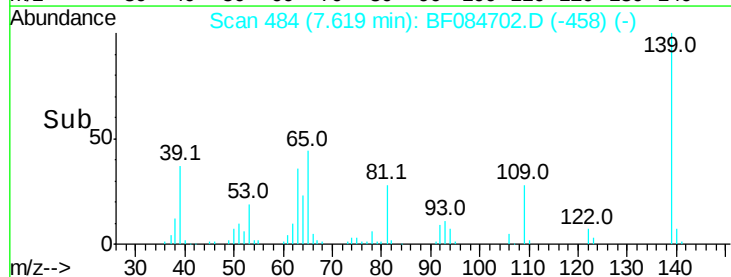
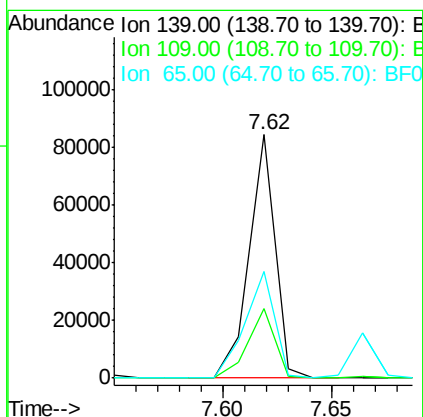
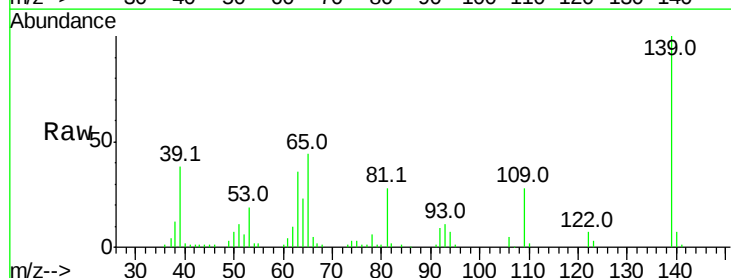
RT: 7.62 min Scan# 484

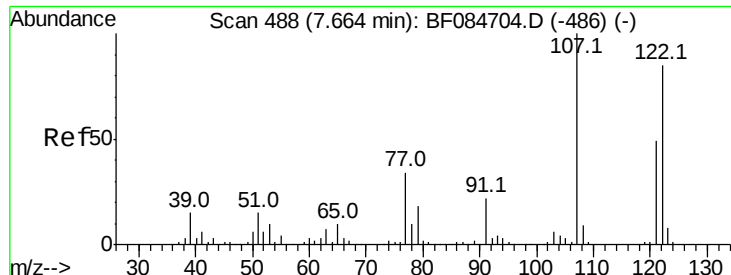
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	139	Resp:	69978
Ion Ratio	Lower	Upper	
139	100		
109	28.3	25.4	38.2
65	43.7	32.3	48.5





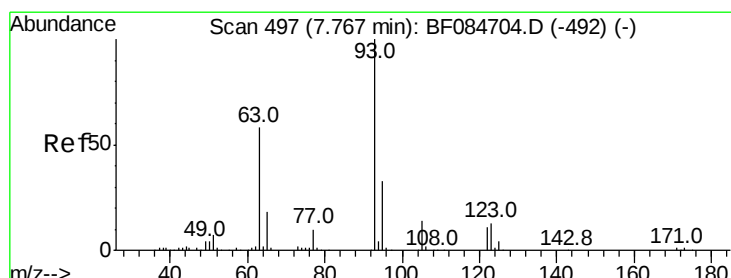
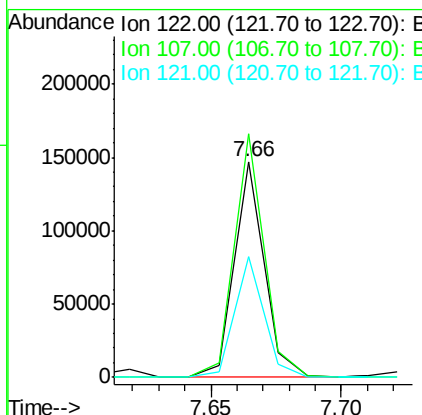
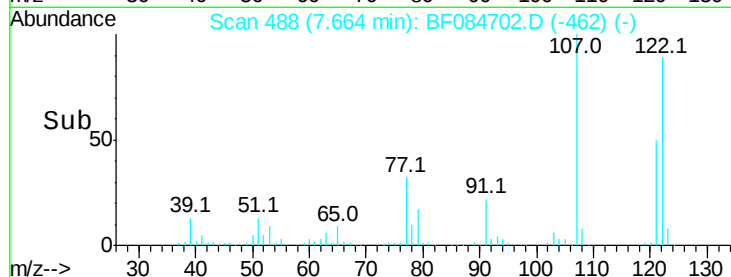
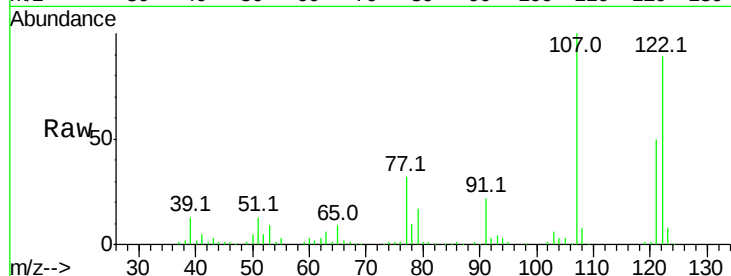
#27
 2,4-Dimethylphenol
 Concen: 11.10 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
122	100	118794		
107	112.7	99.1	148.7	
121	55.9	47.9	71.9	

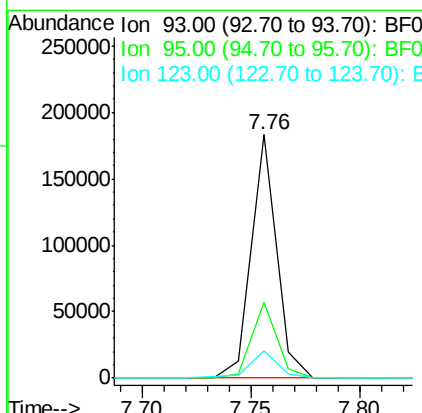
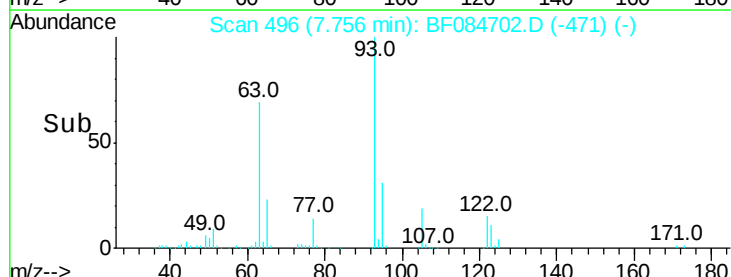
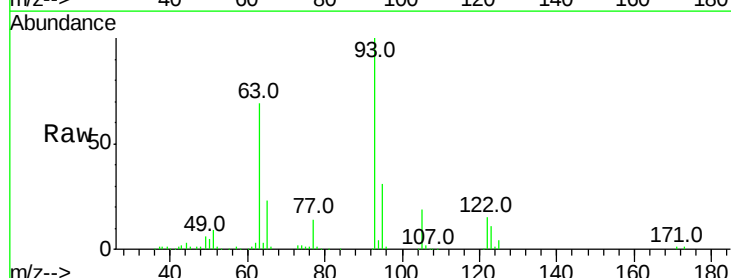
Manual Integrations
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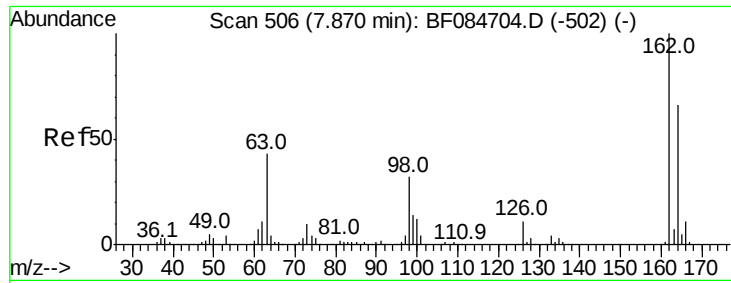
mohammad
 2/2/2016 4:17:18 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 10.91 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	148349		
95	31.2	25.8	38.6	
123	11.2	8.6	12.8	





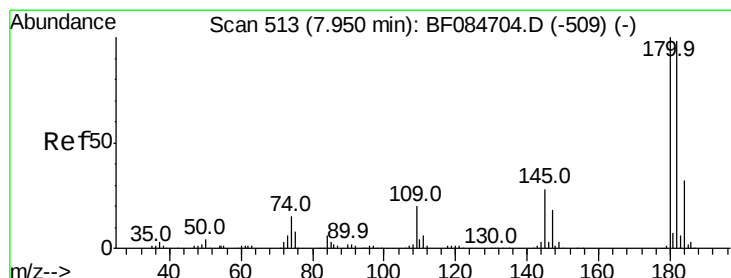
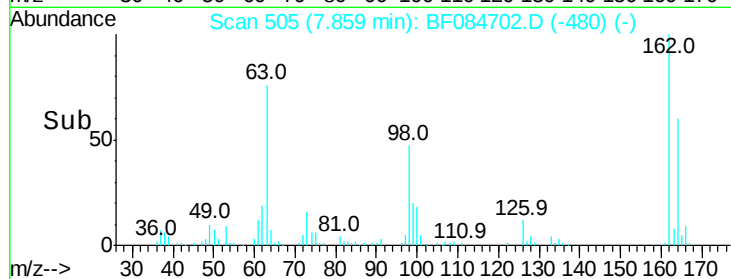
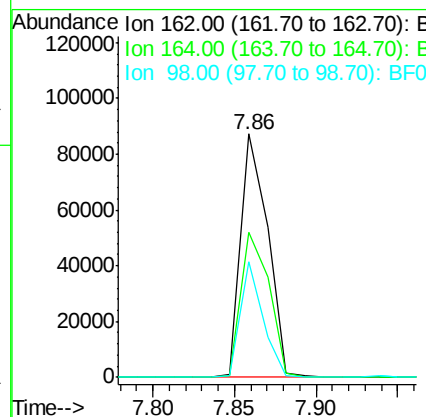
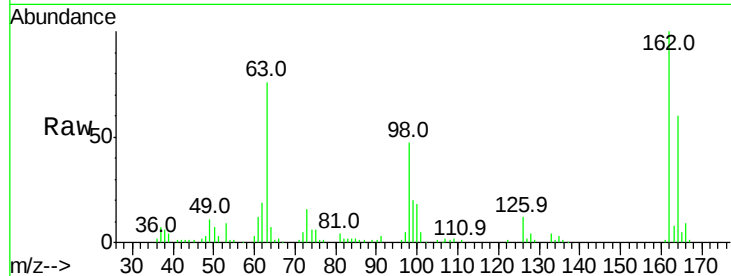
#29
 2,4-Dichlorophenol
 Concen: 10.58 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	59.6	44.1	84.1
98	47.3	20.2	60.2

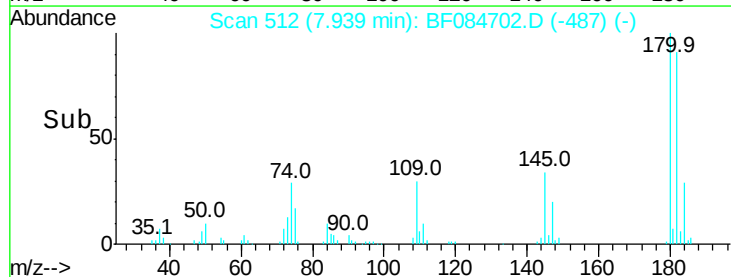
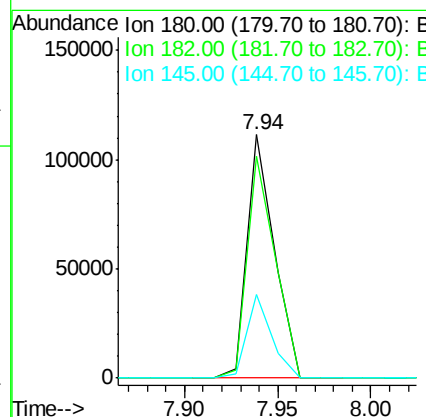
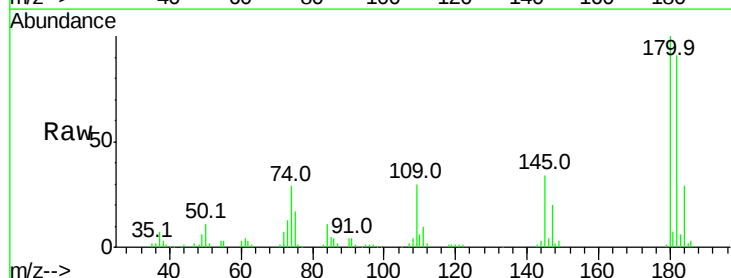
Manual Integrations
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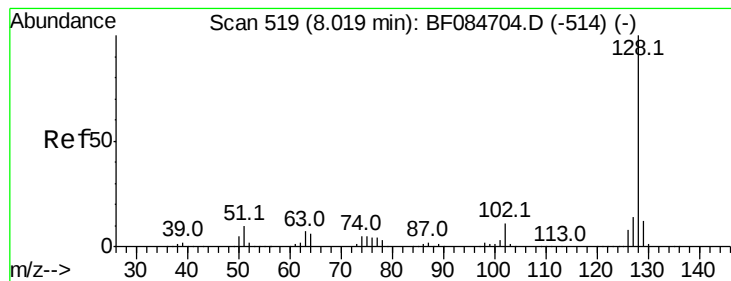
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 10.53 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.9	76.4	114.6
145	34.2	31.6	47.4





#31

Naphthalene

Concen: 11.06 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

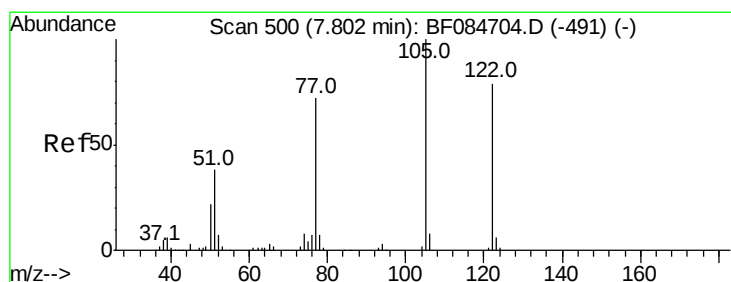
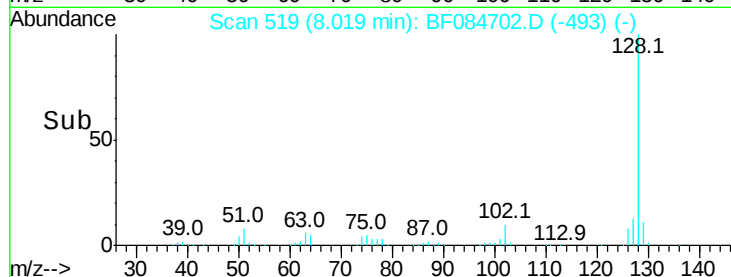
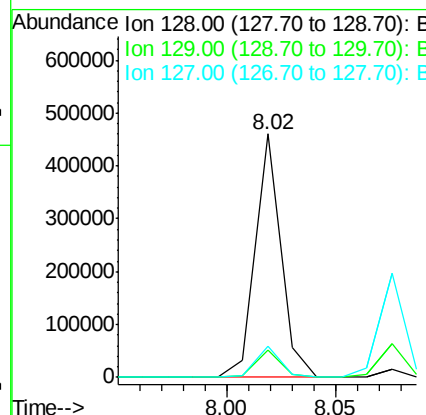
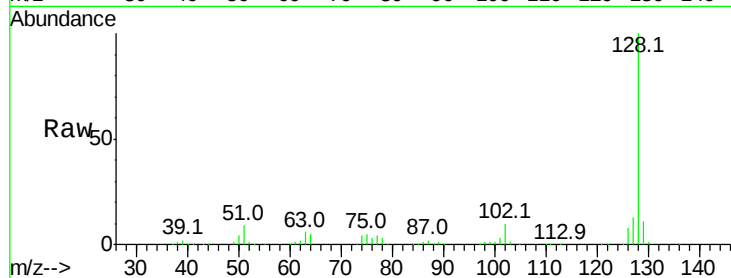
ClientSampleId :

SSTDIC010

Tot Ion:	128	Resp:	377193
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	12.9	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 7.70 ng

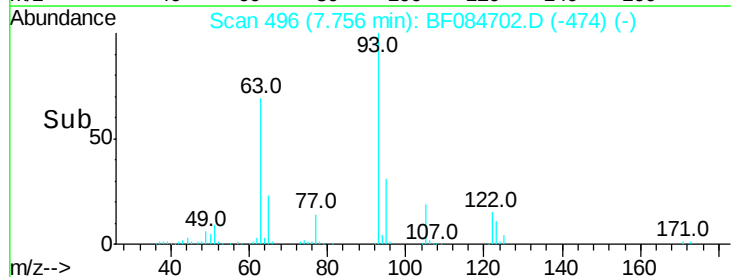
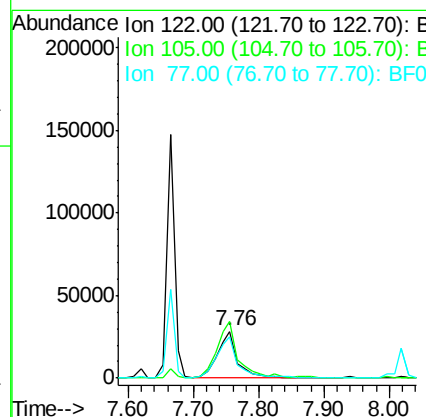
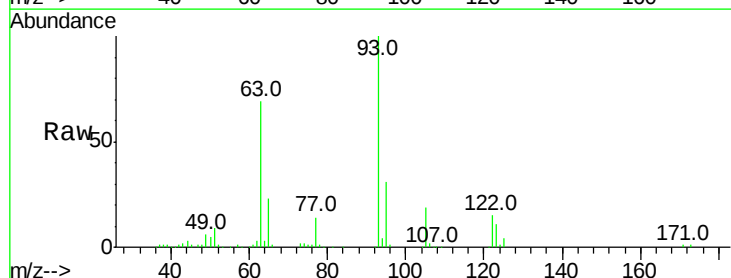
RT: 7.76 min Scan# 496

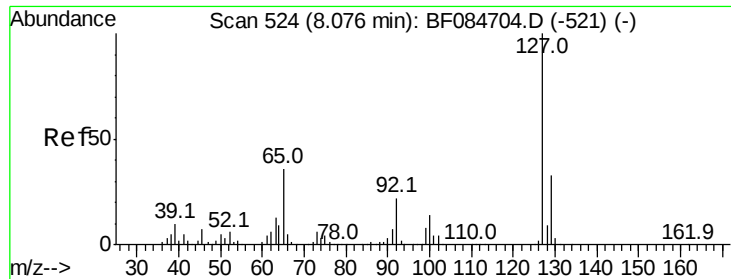
Delta R.T. -0.05 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	122	Resp:	63244
Ion Ratio	Lower	Upper	
122	100		
105	121.6	100.3	140.3
77	88.2	63.5	103.5





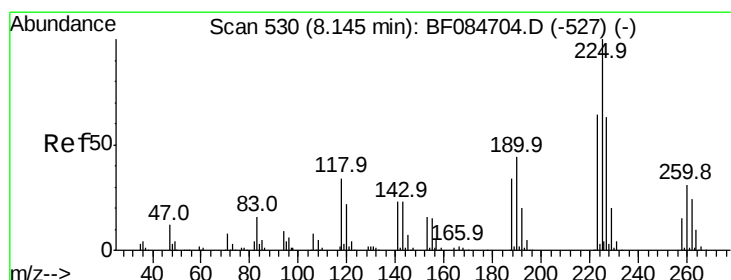
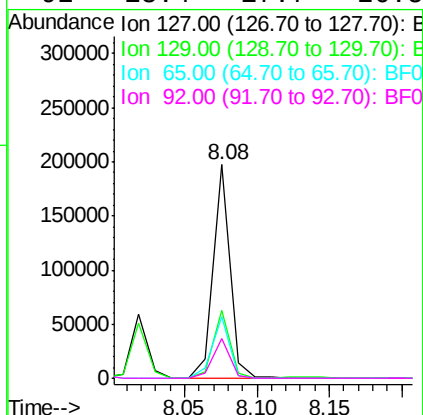
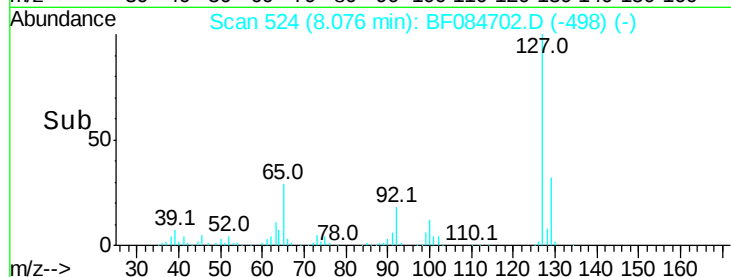
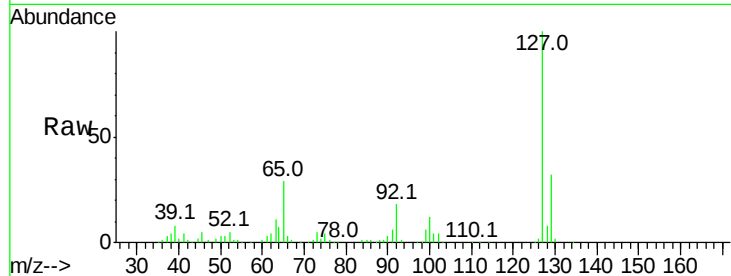
#33
4-Chloroaniline
Concen: 11.54 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.5	39.7		
65	28.7	27.2	40.8		
92	18.4	17.7	26.5		

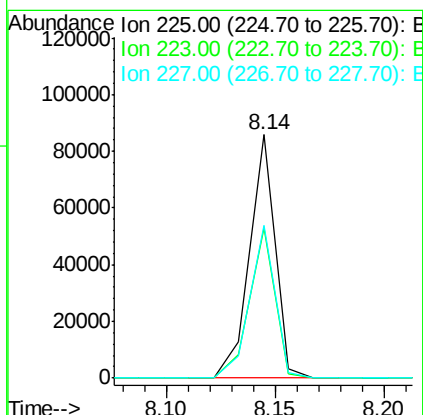
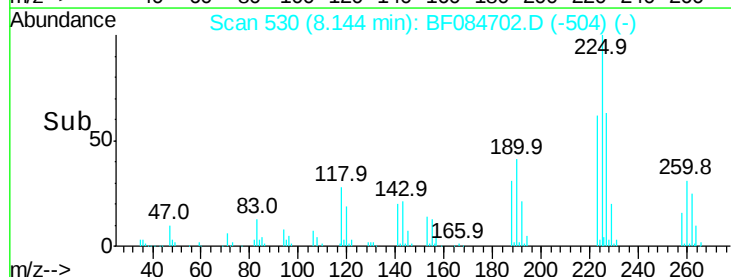
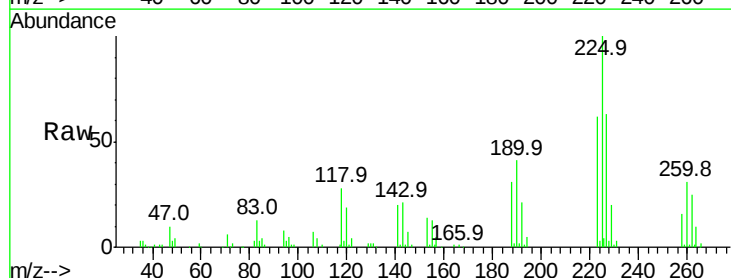
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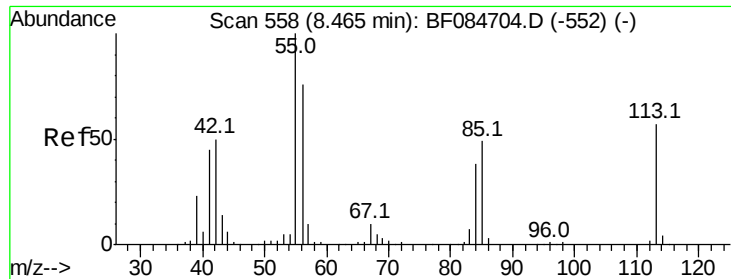
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#34
Hexachlorobutadiene
Concen: 11.05 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	49.4	74.0		
227	62.6	50.8	76.2		





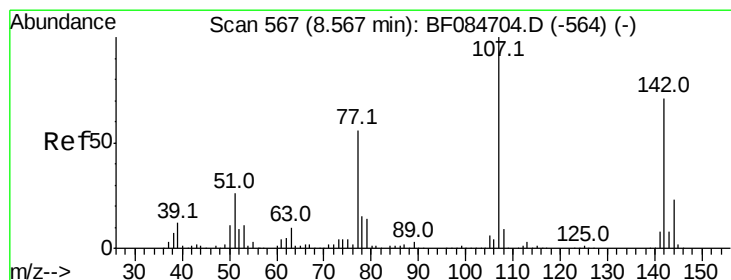
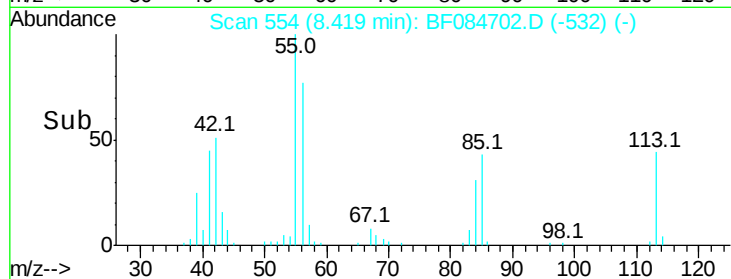
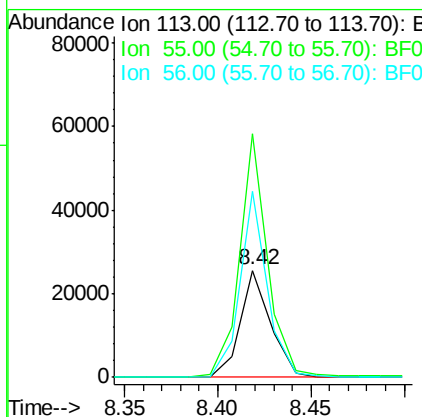
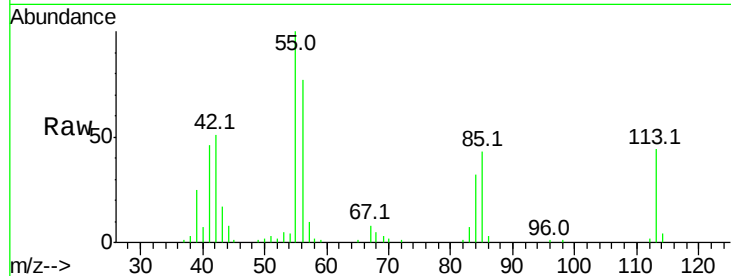
#35
 Caprolactam
 Concen: 10.79 ng
 RT: 8.42 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	227.1	116.9	156.9#	
56	174.0	93.8	133.8#	

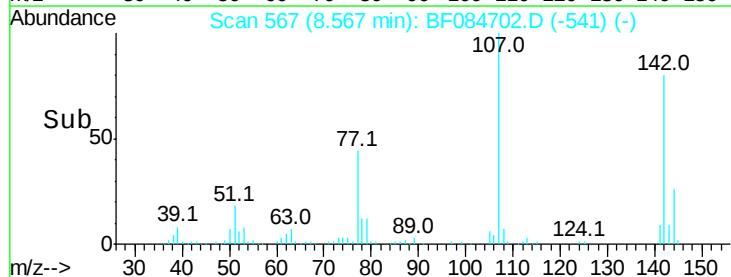
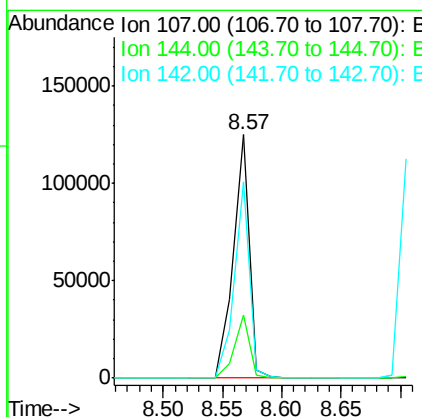
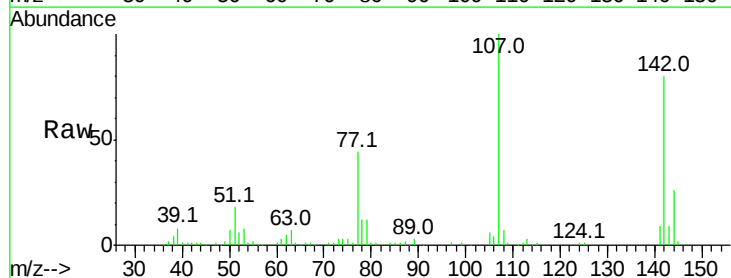
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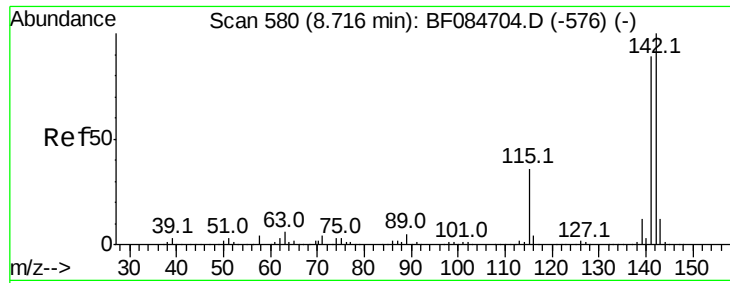
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#36
 4-Chloro-3-methylphenol
 Concen: 11.46 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.9	19.7	29.5	
142	80.4	61.8	92.6	





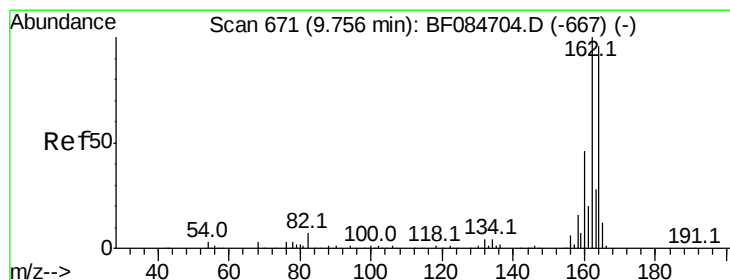
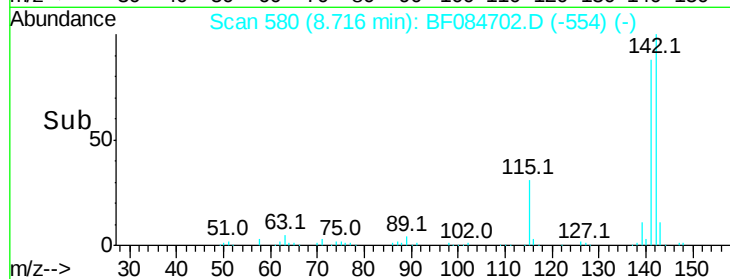
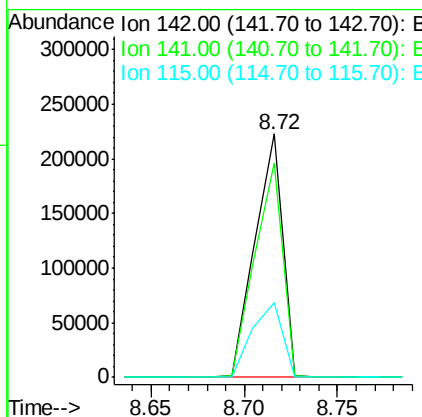
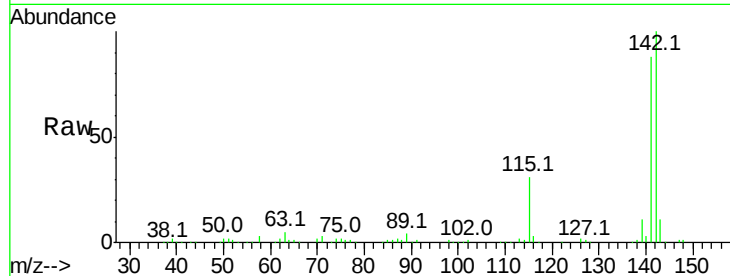
#37
2-Methylnaphthalene
Concen: 11.10 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion:	142	Resp:	232332
Ion Ratio	Lower	Upper	
142	100		
141	88.2	72.4	108.6
115	30.7	27.9	41.9

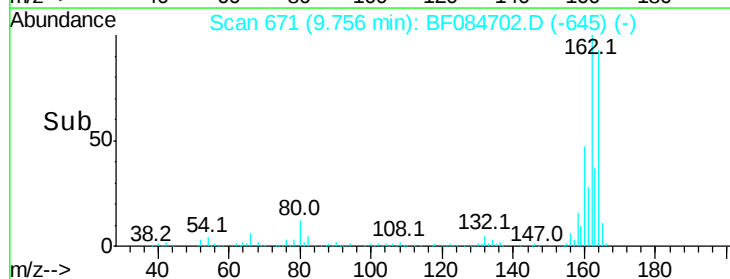
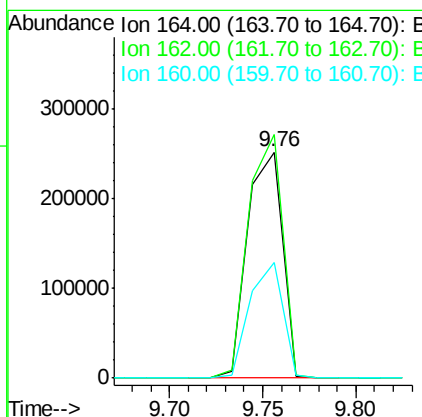
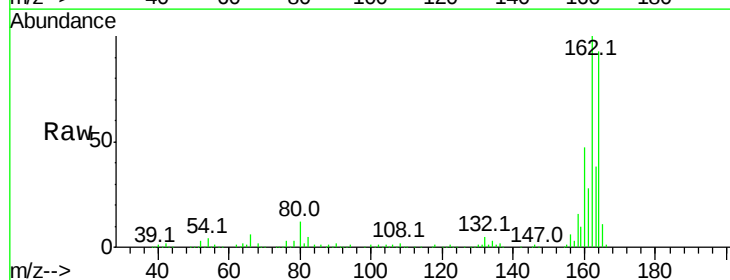
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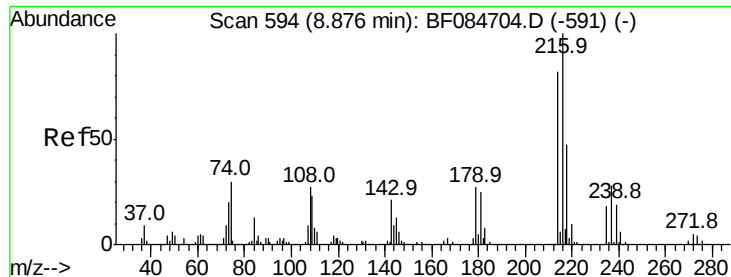
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion:	164	Resp:	326126
Ion Ratio	Lower	Upper	
164	100		
162	107.8	85.1	127.7
160	51.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.42 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

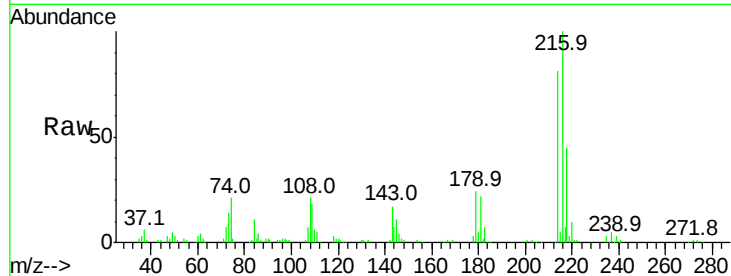
ClientSampleId :

SSTDIC010

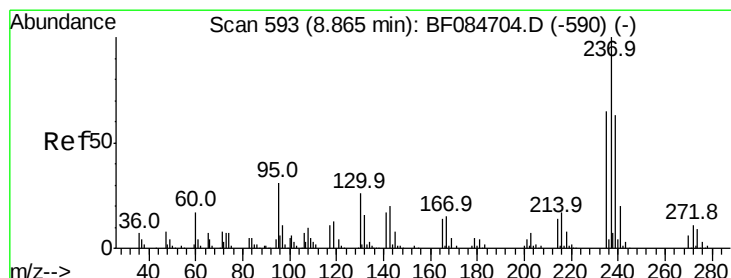
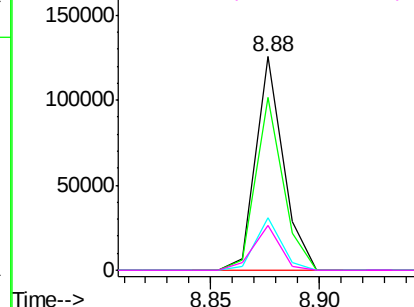
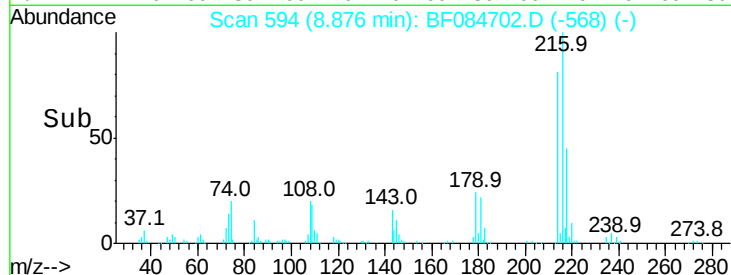
Tot Ion:	216	Resp:	110204
Ion Ratio		Lower	Upper
216	100		
214	80.4	64.2	96.2
179	23.3	18.7	28.1
108	20.3	16.8	25.2

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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: 4.94 ng

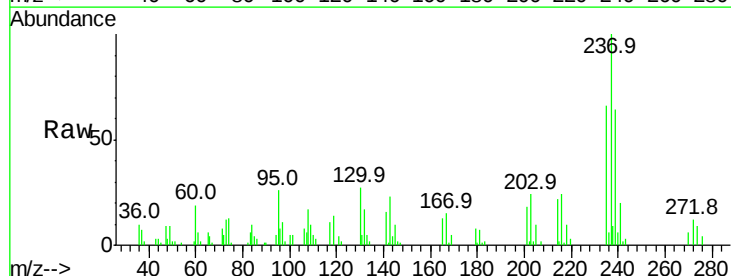
RT: 8.86 min Scan# 593

Delta R.T. -0.00 min

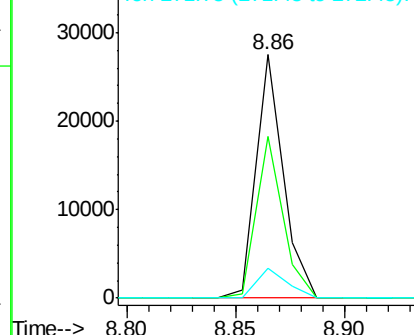
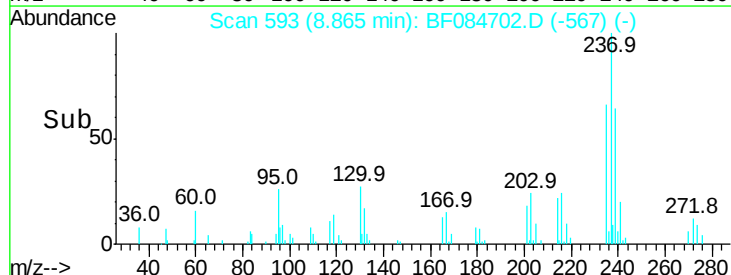
Lab File: BF084702.D

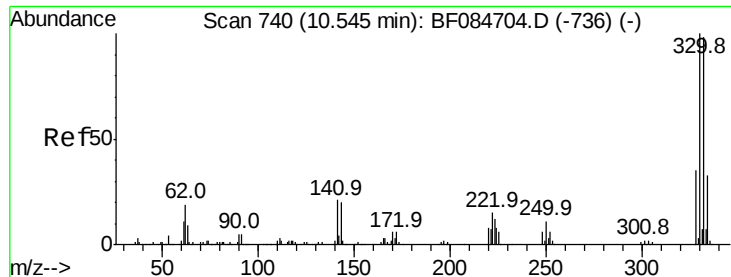
Acq: 1 Feb 2016 11:35

Tgt Ion:	237	Resp:	23769
Ion Ratio		Lower	Upper
237	100		
235	66.3	43.1	83.1
272	12.4	0.0	35.1



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





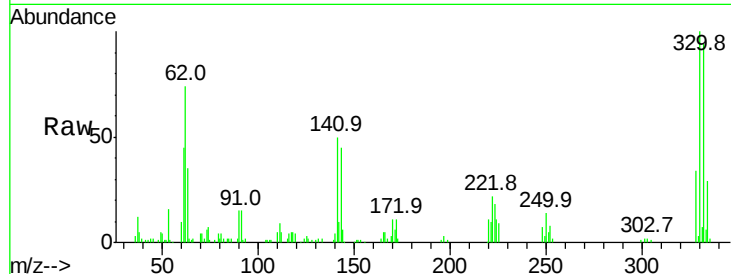
#41
 2,4,6-Tribromophenol
 Concen: 21.86 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

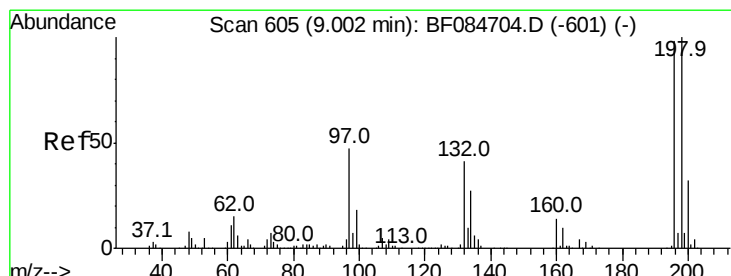
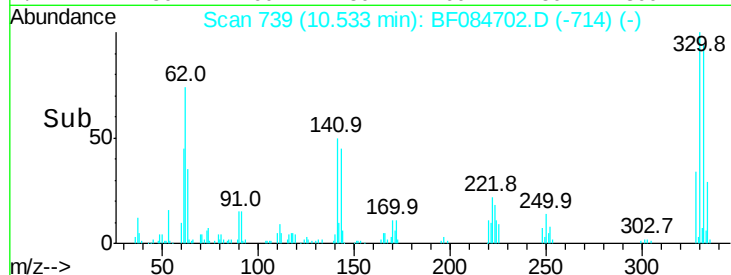
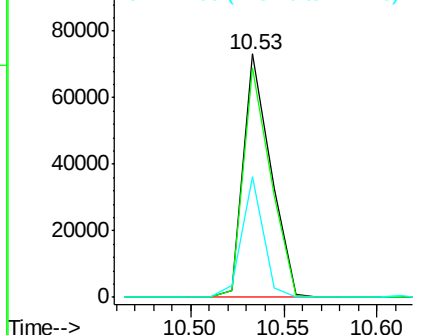
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	39.3	27.8	41.6

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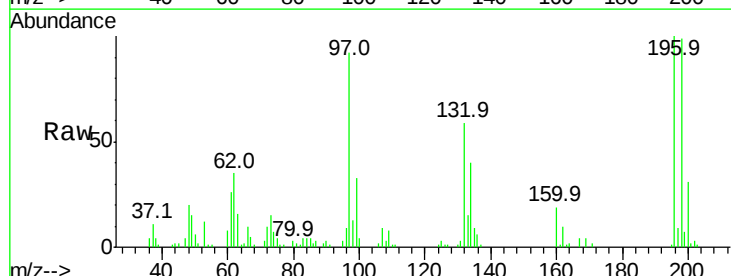


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

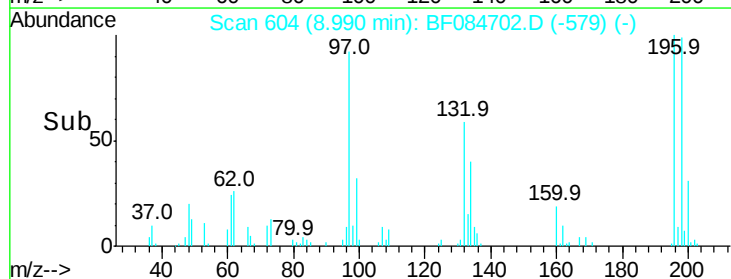
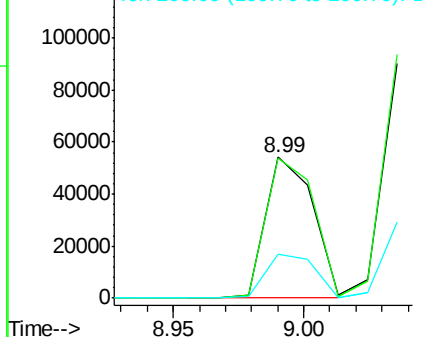


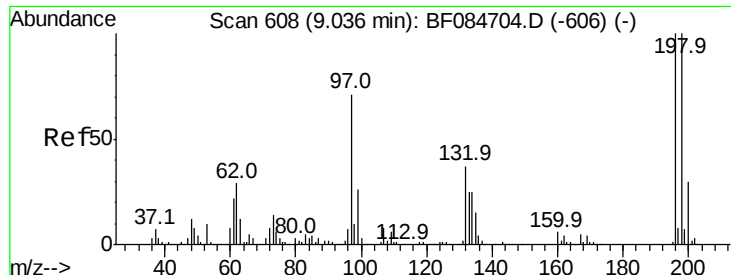
#42
 2,4,6-Trichlorophenol
 Concen: 10.45 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	77.7	116.5
200	30.9	24.6	37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





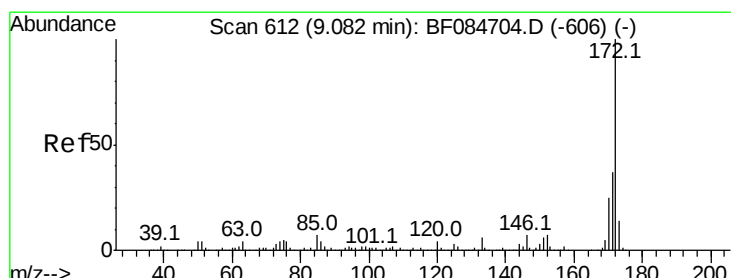
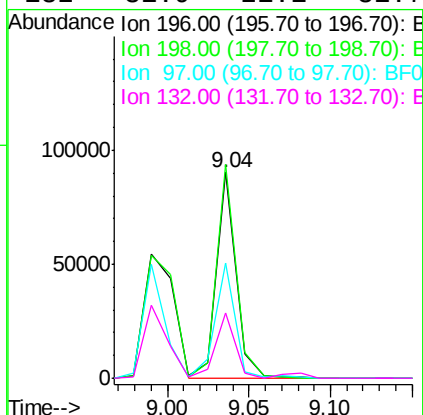
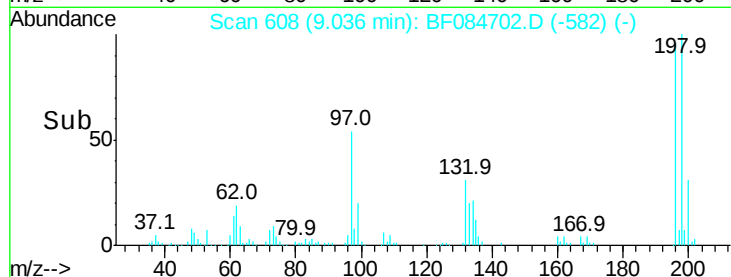
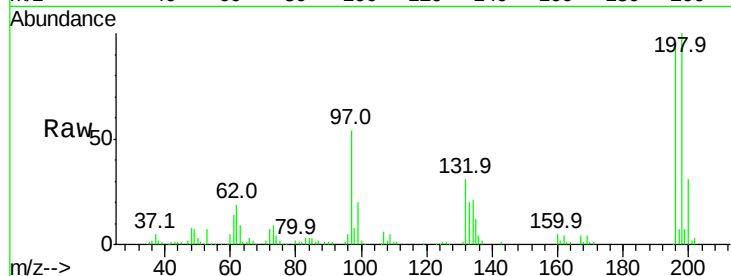
#43
 2,4,5-Trichlorophenol
 Concen: 11.15 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	75656		
198	103.7		79.0	118.6
97	56.2		33.0	49.6
132	31.9		21.1	31.7

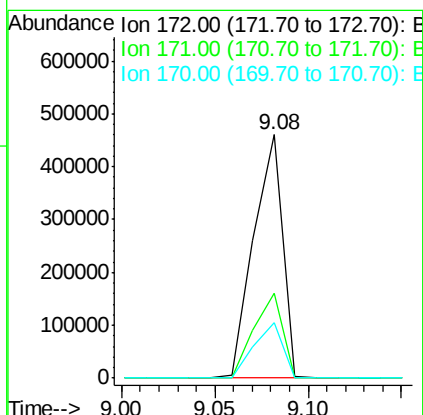
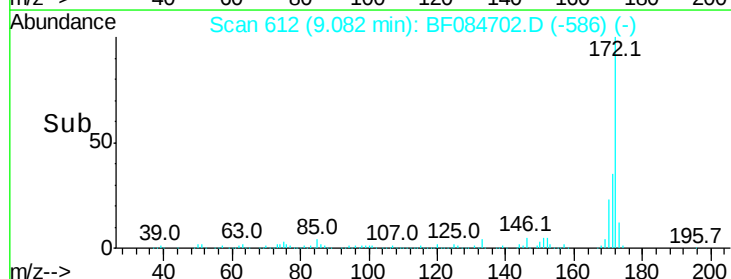
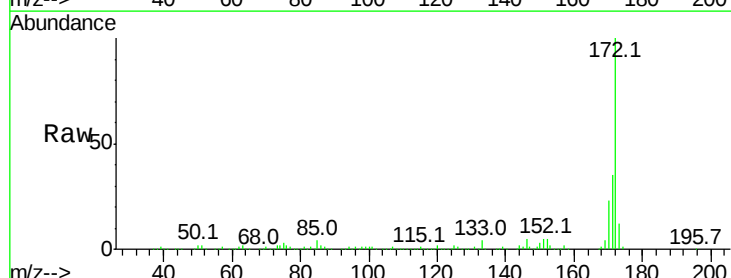
Manual Integrations
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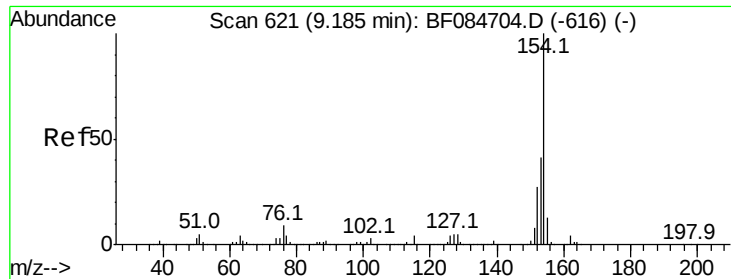
mohammad
 2/2/2016 4:17:18 PM



#44
 2-Fluorobiphenyl
 Concen: 22.81 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	500485		
171	34.9		28.9	43.3
170	22.8		18.6	27.8





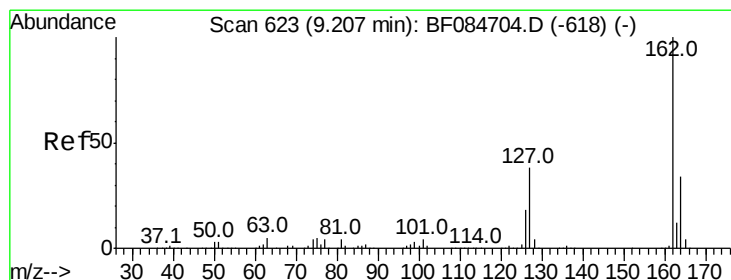
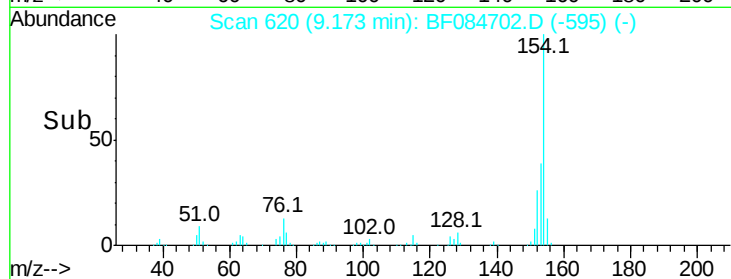
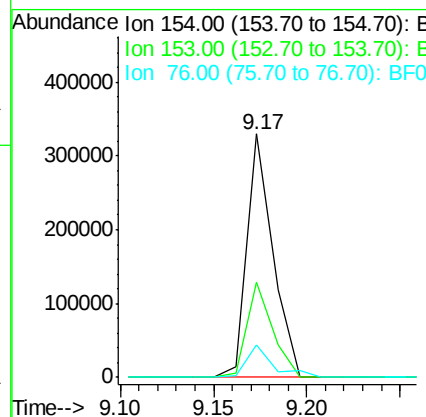
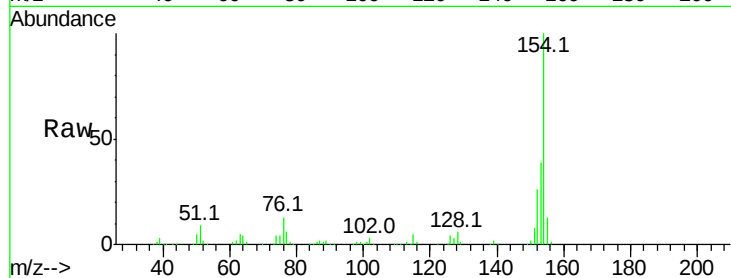
#45
 1,1'-Biphenyl
 Concen: 10.61 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	154	Resp:	317037
Ion Ratio	Lower	Upper	
154	100		
153	38.9	21.6	61.6
76	13.4	0.0	32.7

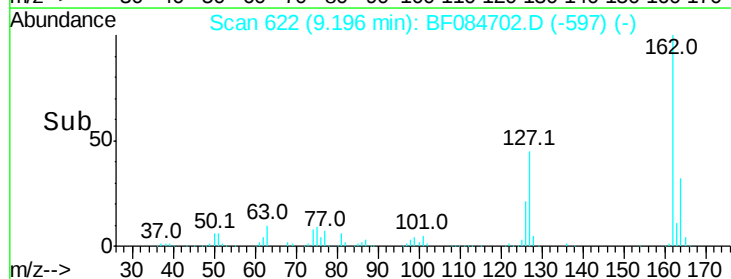
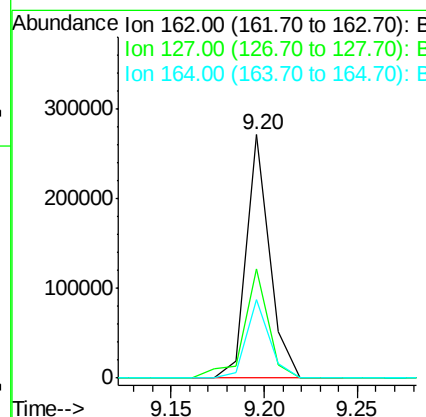
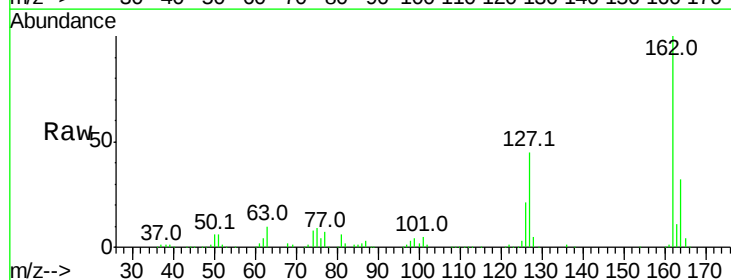
Manual Integrations
 APPROVED

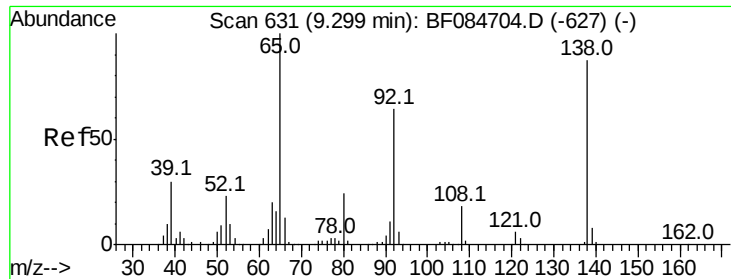
mohammad
 2/2/2016 4:17:18 PM



#46
 2-Chloronaphthalene
 Concen: 10.78 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion:	162	Resp:	235117
Ion Ratio	Lower	Upper	
162	100		
127	44.6	40.2	60.4
164	32.0	25.7	38.5





#47

2-Nitroaniline

Concen: 11.77 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

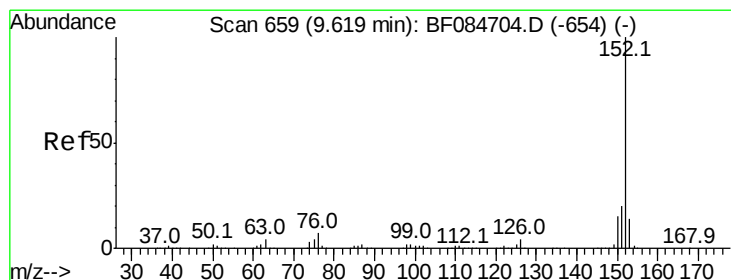
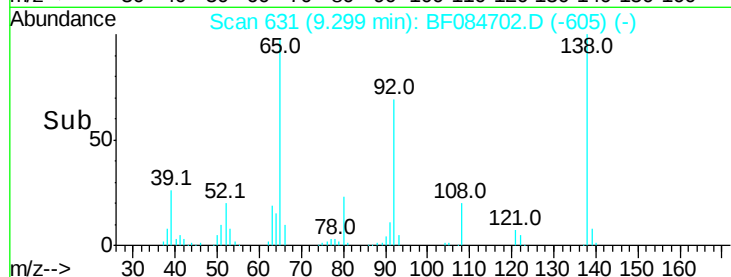
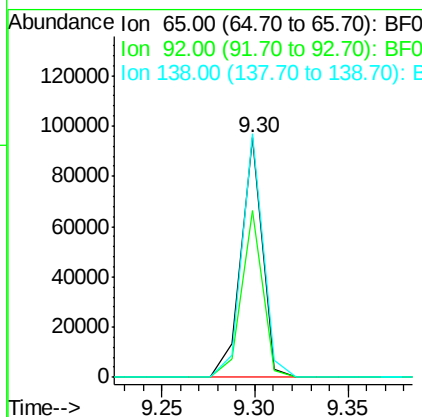
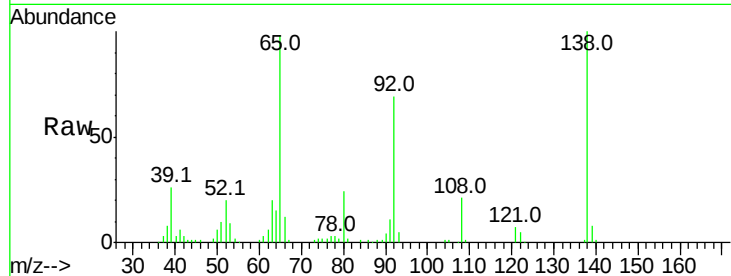
ClientSampleId :

SSTDIC010

Tot Ion:	65	Resp:	77055
Ion Ratio	Lower	Upper	
65	100		
92	70.0	53.4	80.2
138	101.8	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 10.81 ng

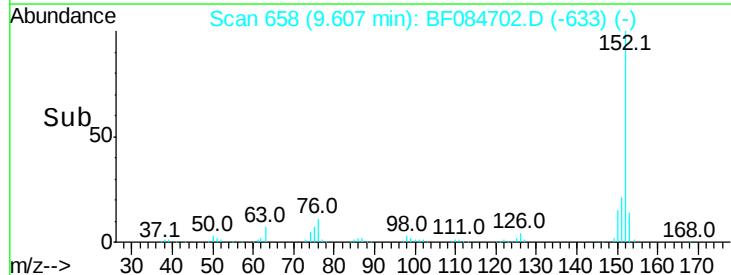
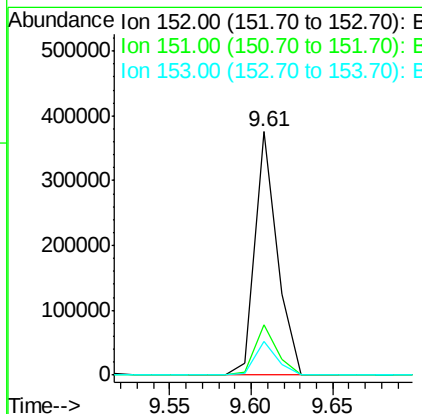
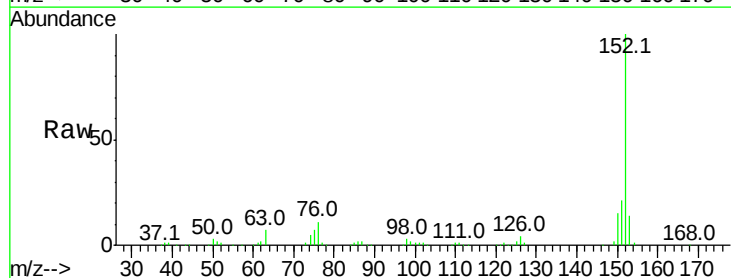
RT: 9.61 min Scan# 658

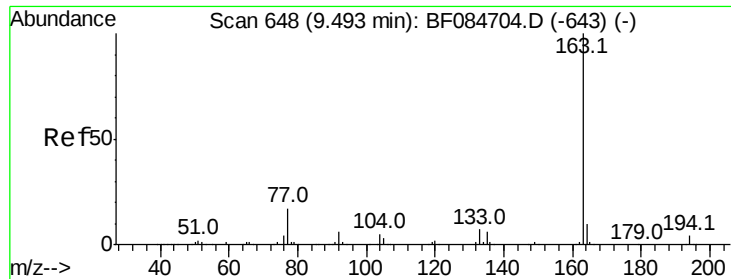
Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	152	Resp:	357208
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	14.0	10.4	15.6





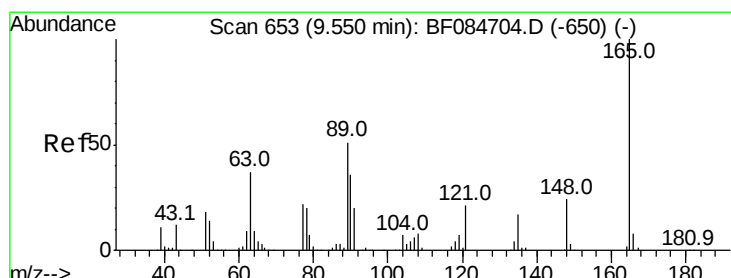
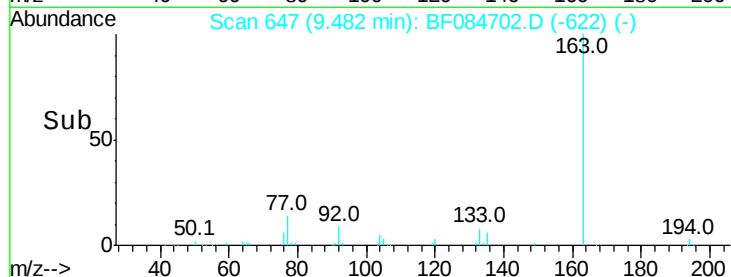
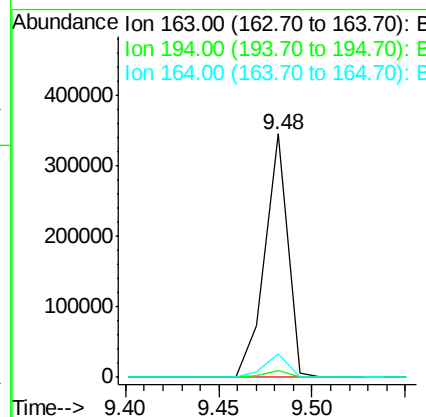
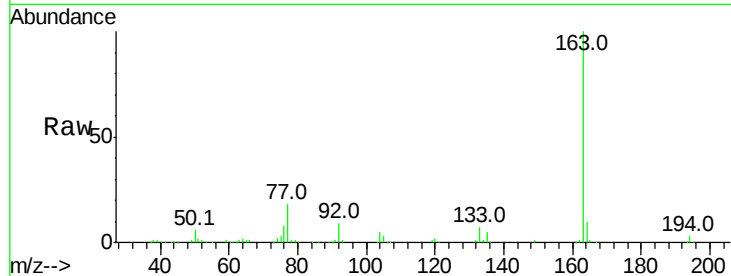
#49
Dimethylphthalate
Concen: 11.95 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	9.8	8.0	12.0

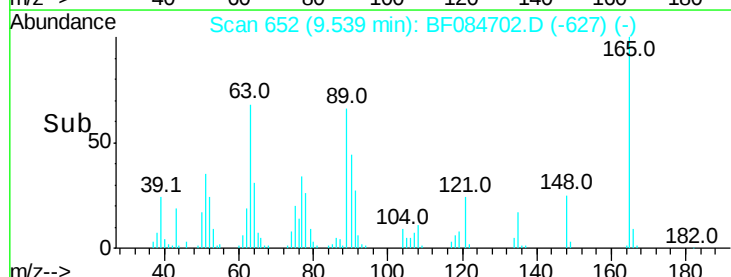
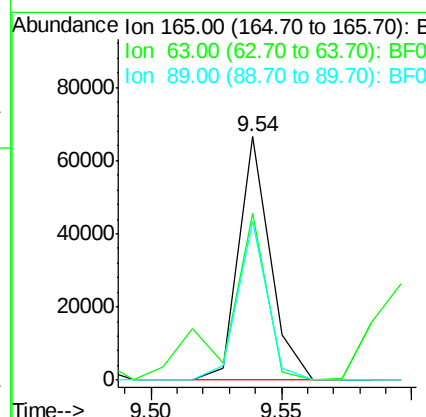
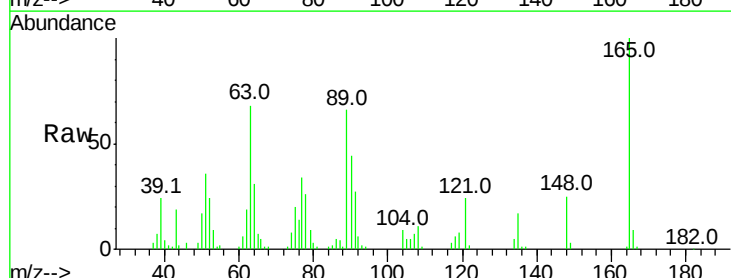
Manual Integrations
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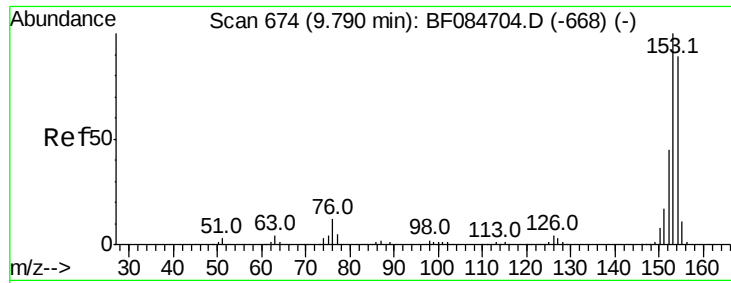
mohammad
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#50
2,6-Dinitrotoluene
Concen: 10.44 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	68.4	28.8	43.2#
89	65.5	35.1	52.7#





#51

Acenaphthene

Concen: 10.35 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

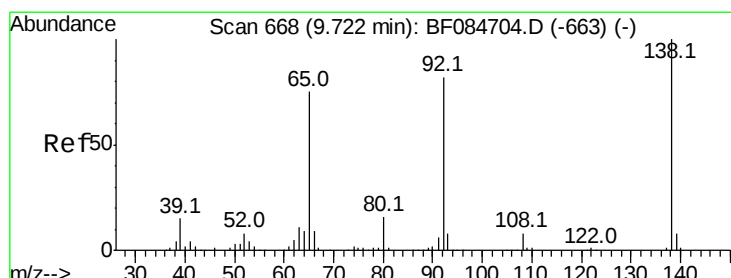
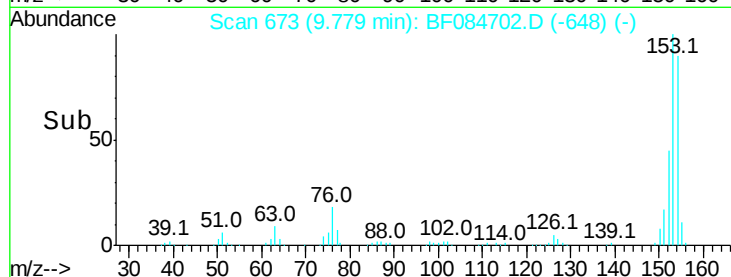
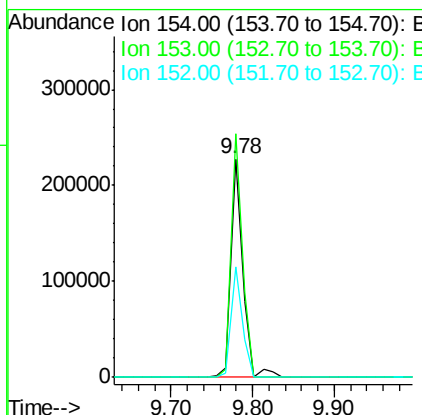
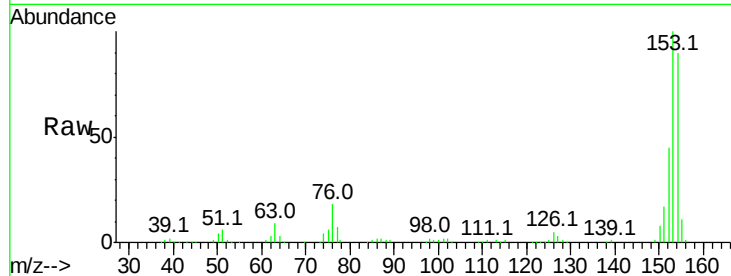
ClientSampleId :

SSTDIC010

Tot Ion:	154	Resp:	228969
Ion Ratio	Lower	Upper	
154	100		
153	111.5	91.5	137.3
152	50.6	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 11.94 ng

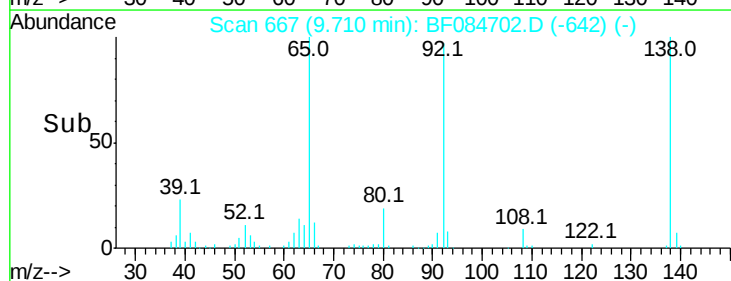
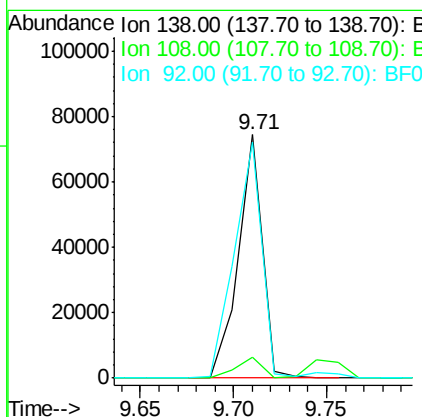
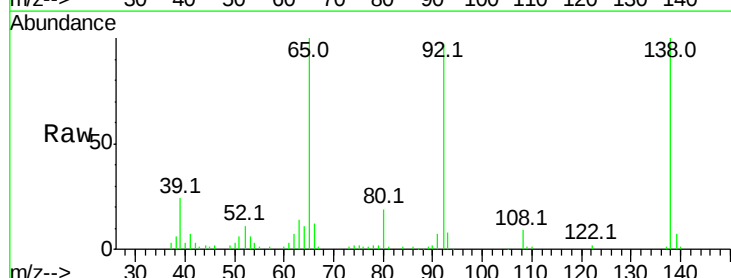
RT: 9.71 min Scan# 667

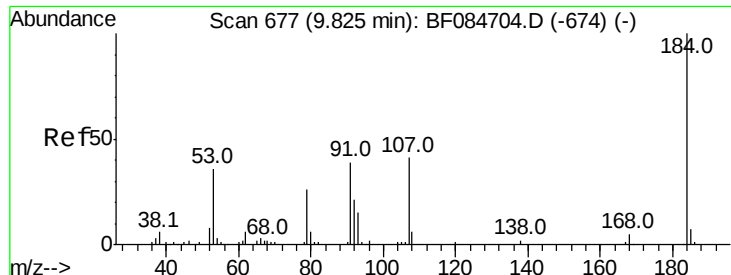
Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	138	Resp:	67211
Ion Ratio	Lower	Upper	
138	100		
108	8.5	10.5	15.7#
92	97.2	103.9	155.9#





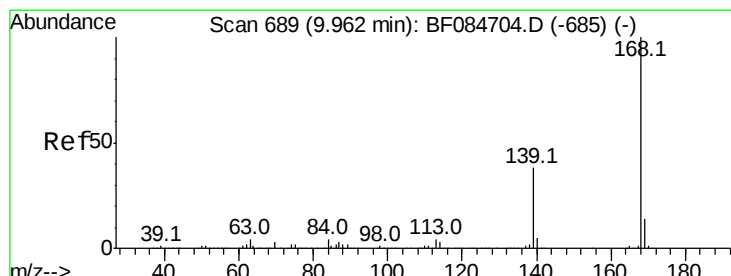
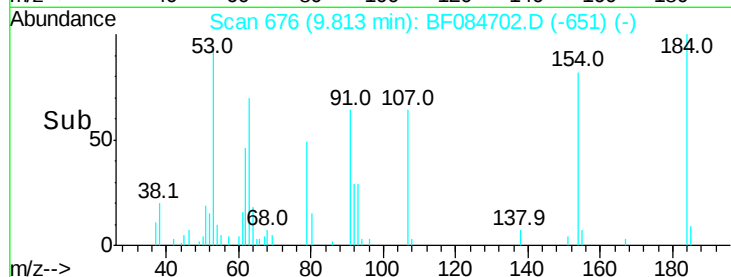
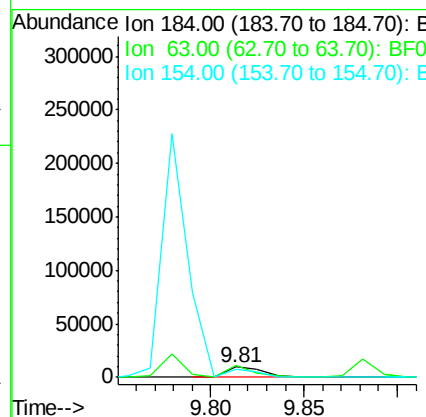
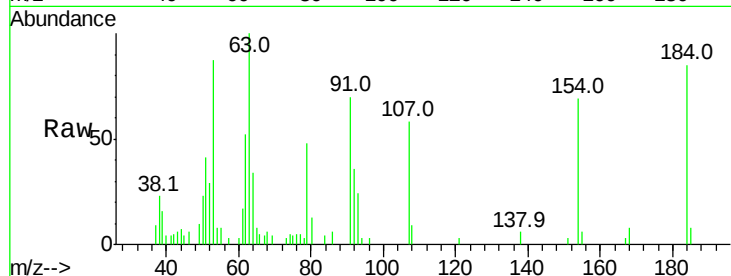
#53
 2,4-Dinitrophenol
 Concen: 5.16 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
184	100	13712		
63	118.1	43.1	64.7#	
154	81.7	60.5	90.7	

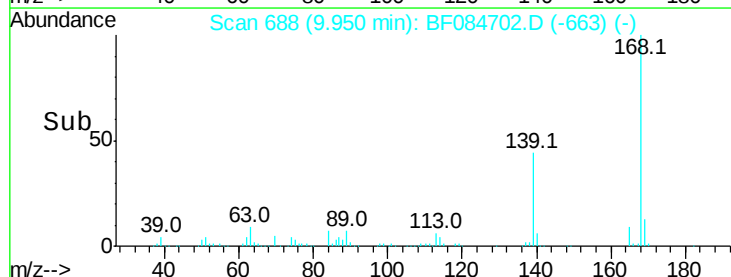
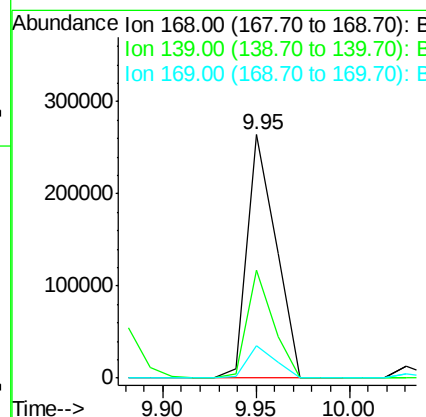
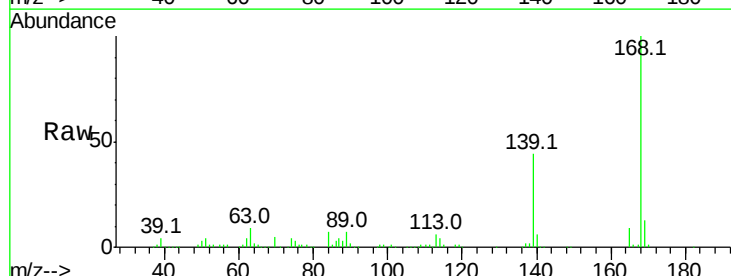
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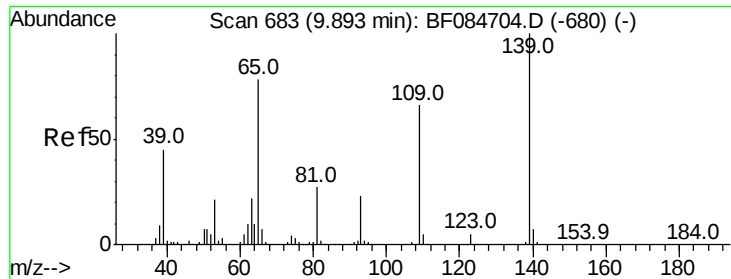
mohammad
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#54
 Dibenzofuran
 Concen: 10.65 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	281333		
139	44.2	30.5	45.7	
169	13.5	10.4	15.6	





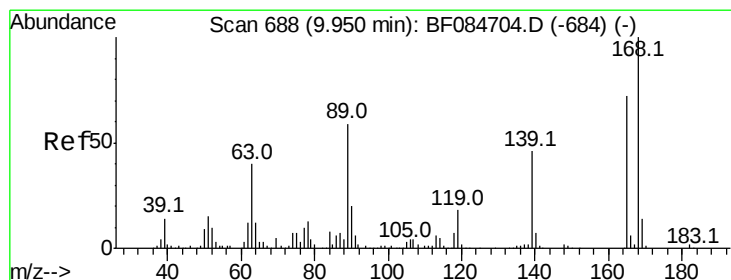
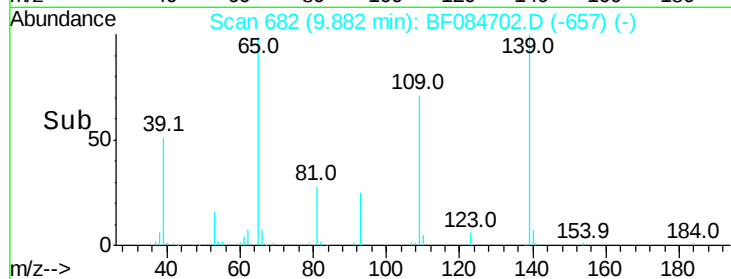
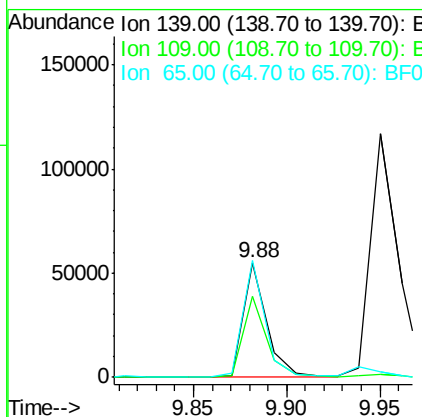
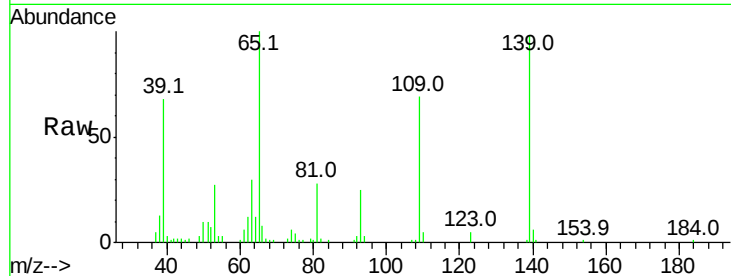
#55
4-Nitrophenol
Concen: 11.84 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.7	58.5	98.5
65	102.2	57.6	97.6#

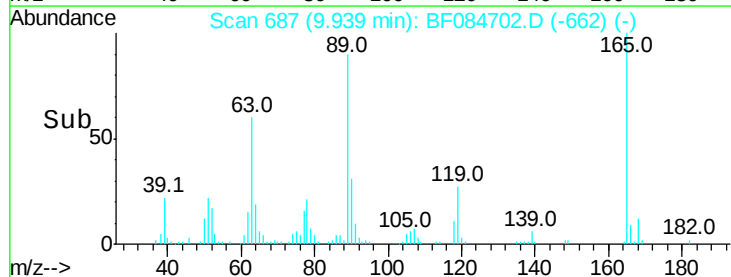
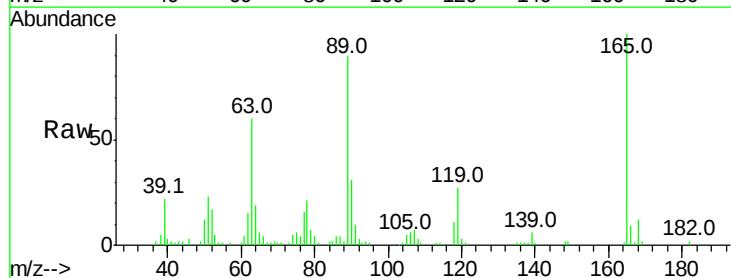
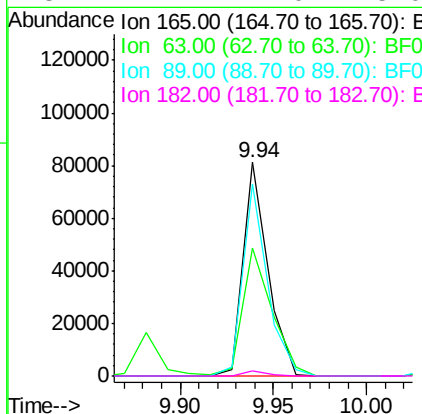
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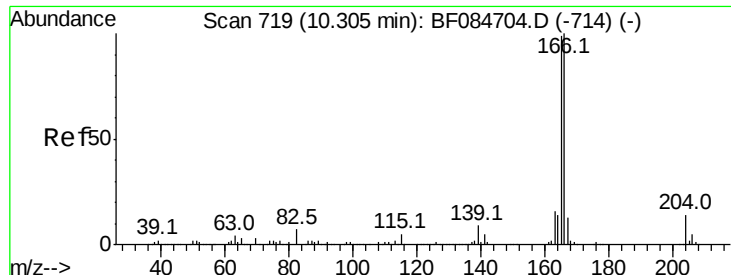
mohammad
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#56
2,4-Dinitrotoluene
Concen: 10.67 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.1	36.7	55.1#
89	89.8	61.9	92.9
182	2.2	2.0	3.0





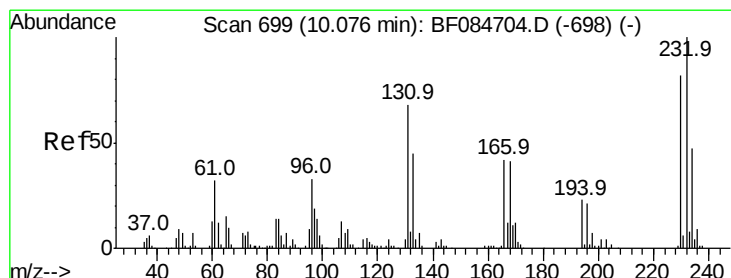
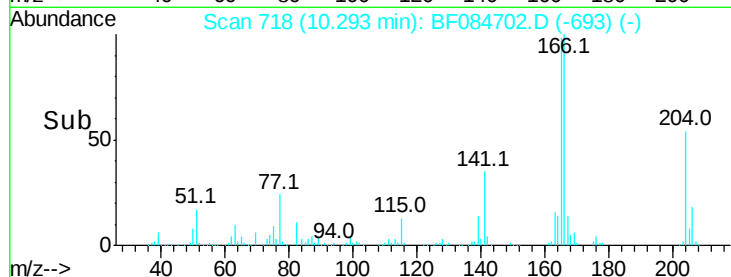
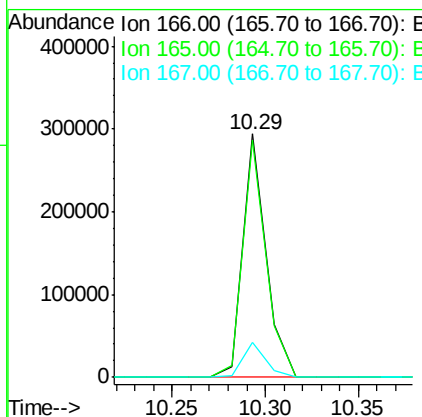
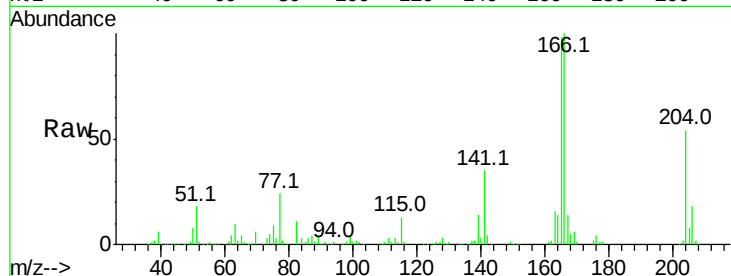
#57
 Fluorene
 Concen: 11.38 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	79.1	118.7	
167	14.2	10.4	15.6	

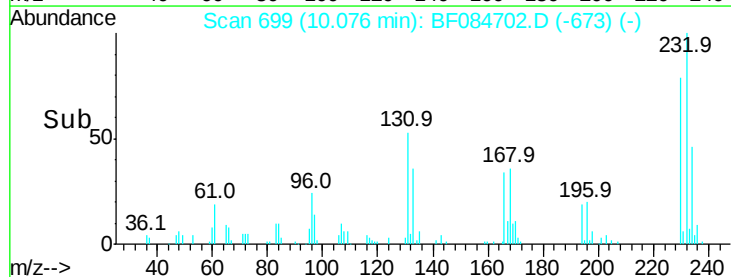
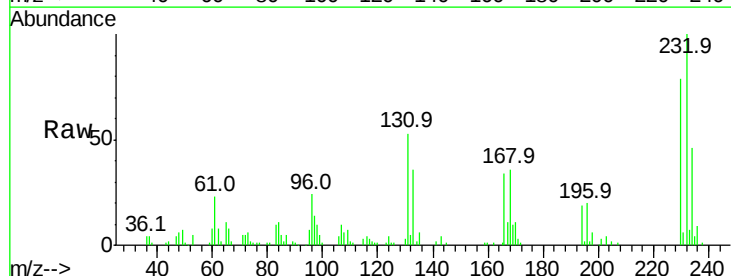
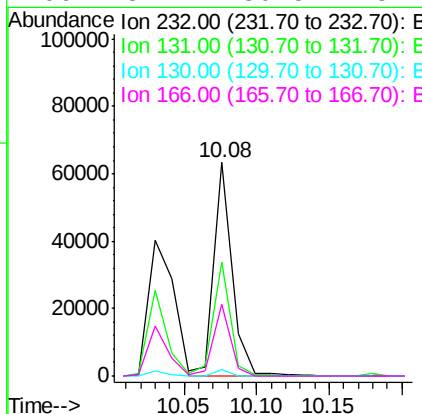
Manual Integrations
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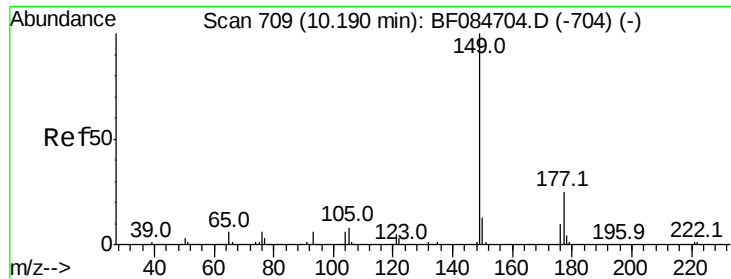
mohammad
 2/2/2016 4:17:18 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.87 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.4	47.0	70.6	
130	2.2	2.0	3.0	
166	31.2	30.5	45.7	





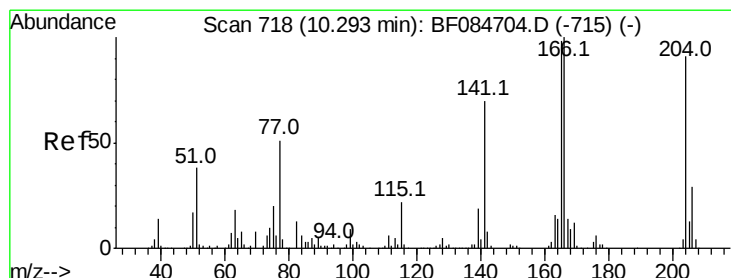
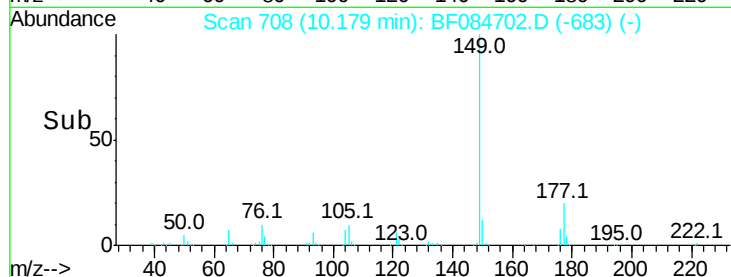
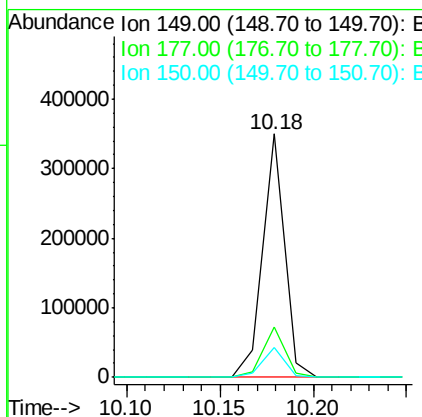
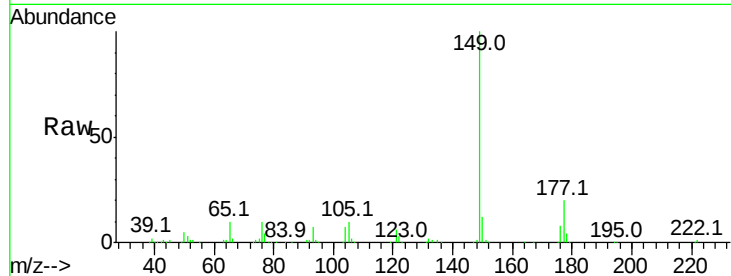
#59
Diethylphthalate
Concen: 11.75 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	281495		
177	20.4	17.3	25.9	
150	12.1	9.8	14.8	

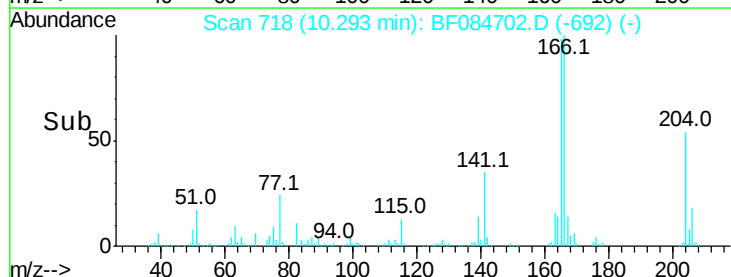
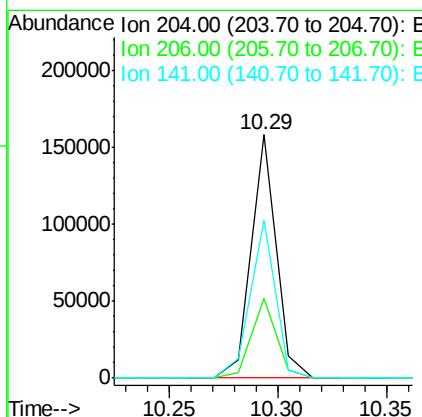
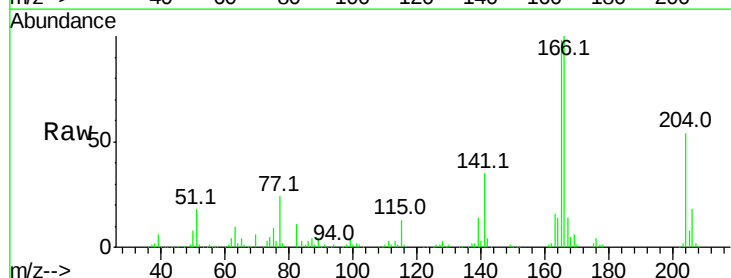
Manual Integrations
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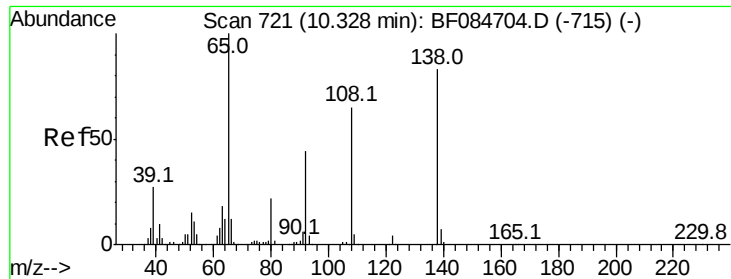
mohammad
2/2/2016 4:17:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 12.64 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	126970		
206	32.9	25.7	38.5	
141	64.7	55.1	82.7	





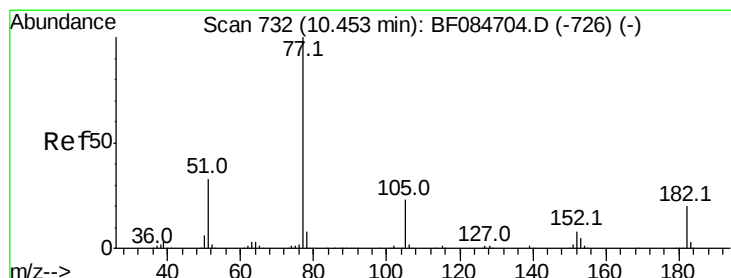
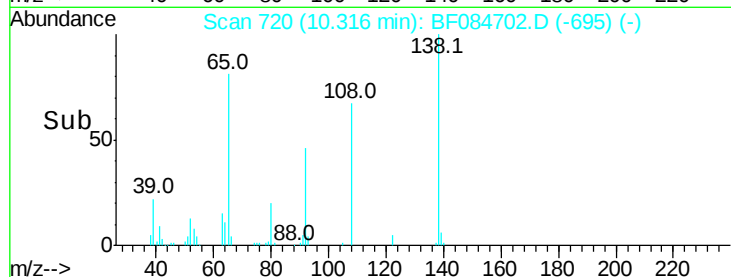
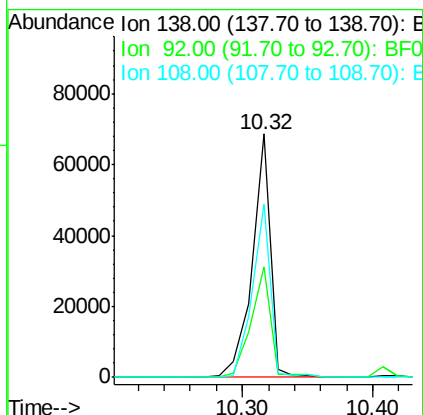
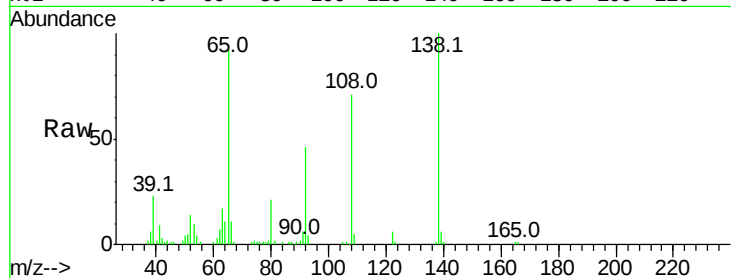
#61
4-Nitroaniline
Concen: 12.55 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	32.6	72.6
108	71.3	68.6	108.6

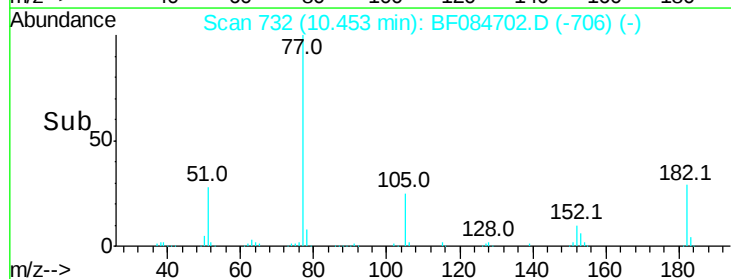
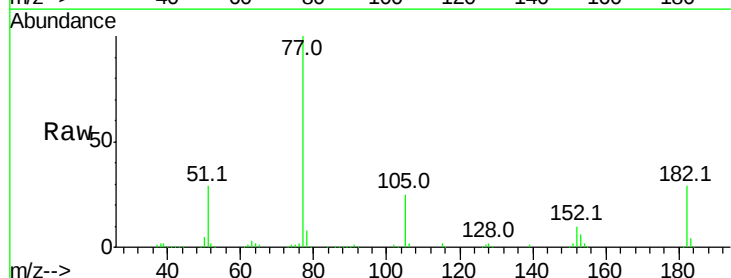
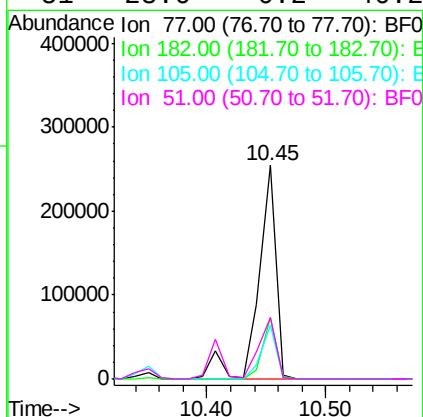
Manual Integrations
APPROVED

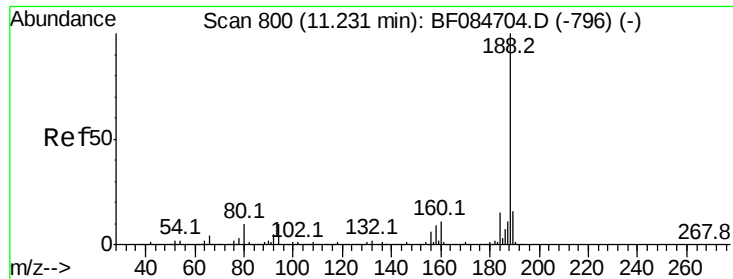
mohammad
2/2/2016 4:17:18 PM



#62
Azobenzene
Concen: 11.63 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.3	48.3
105	25.1	4.6	44.6
51	28.6	6.2	46.2





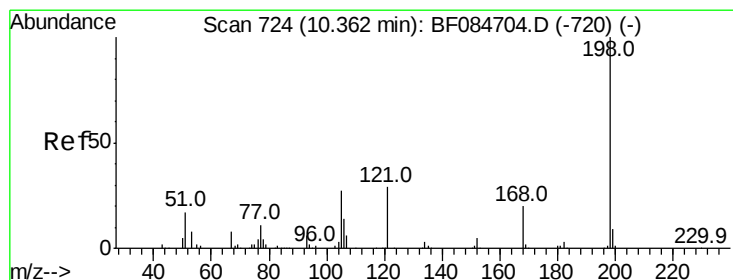
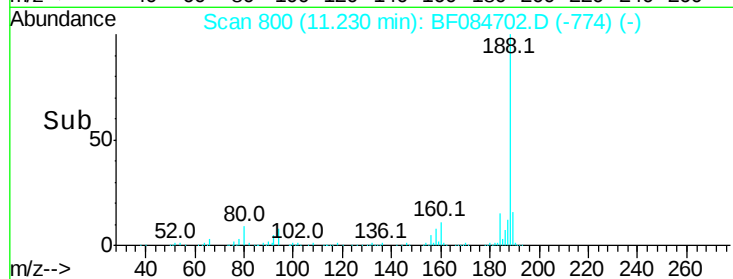
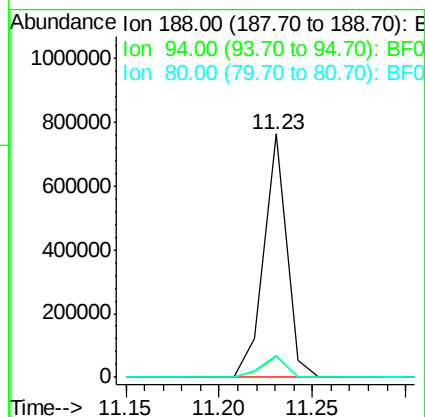
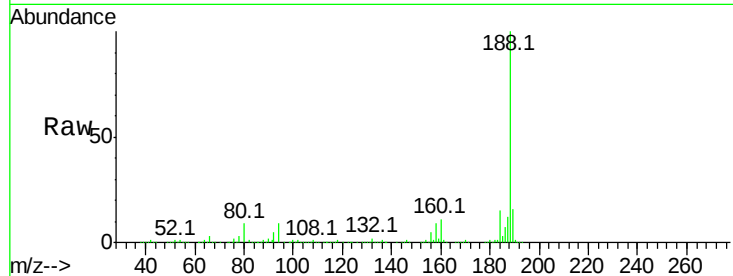
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.2	9.6	14.4#

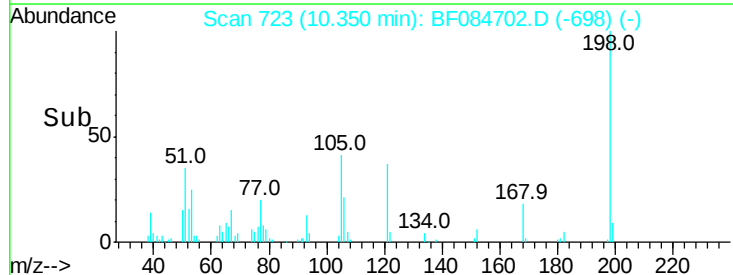
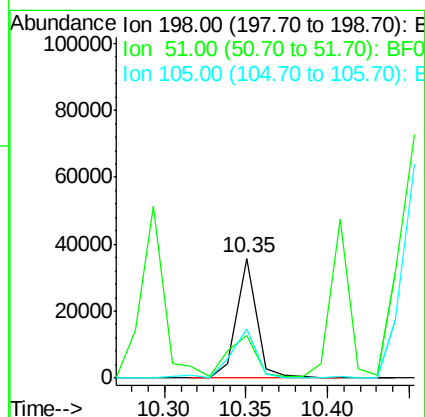
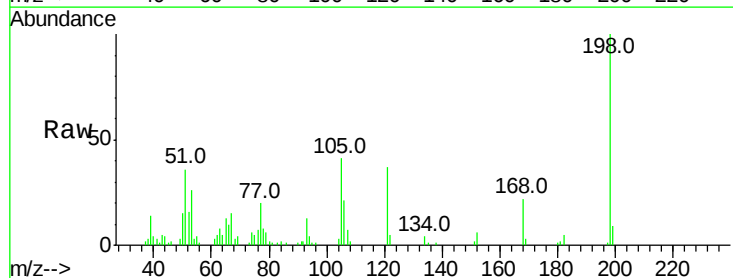
Manual Integrations
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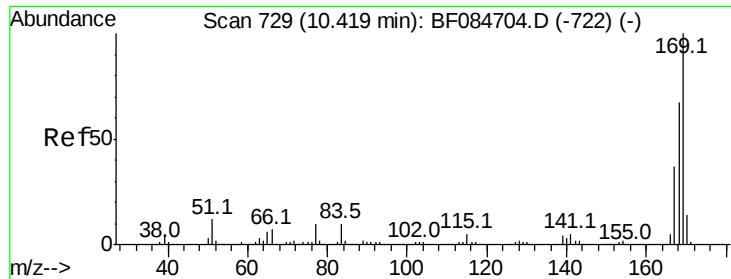
mohammad
2/2/2016 4:17:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.22 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	36.1	18.9	58.9
105	40.6	26.4	66.4





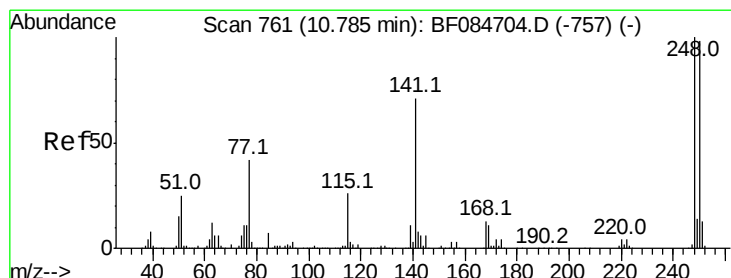
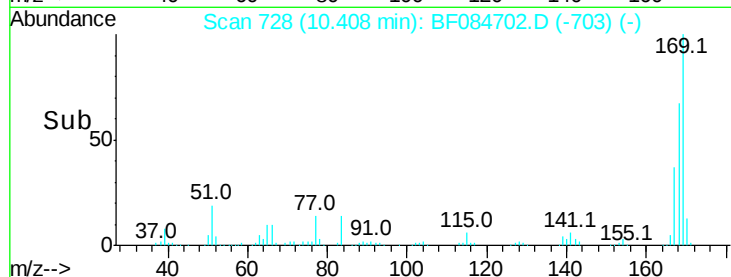
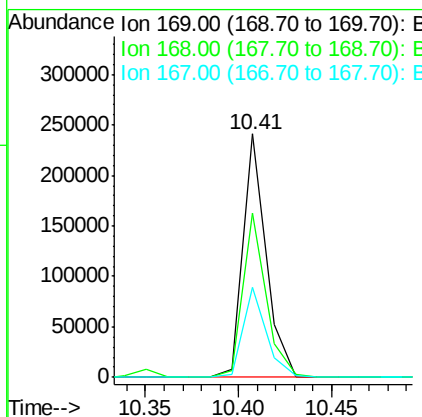
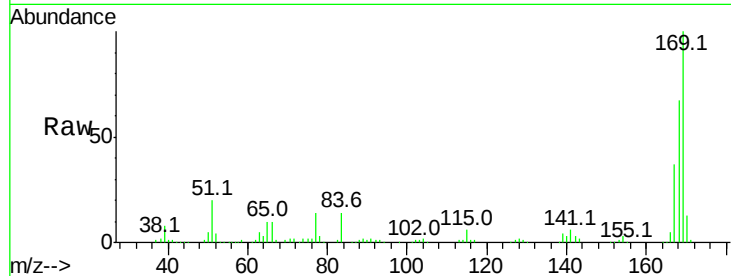
#65
 n-Nitrosodiphenylamine
 Concen: 9.91 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
169	100	207300		
168	67.4		55.1	82.7
167	36.9		30.0	45.0

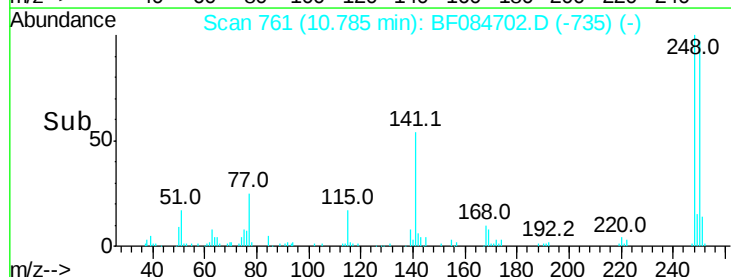
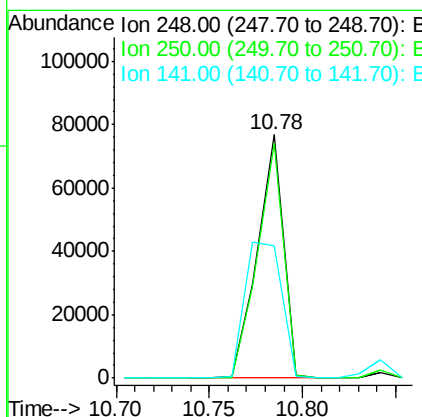
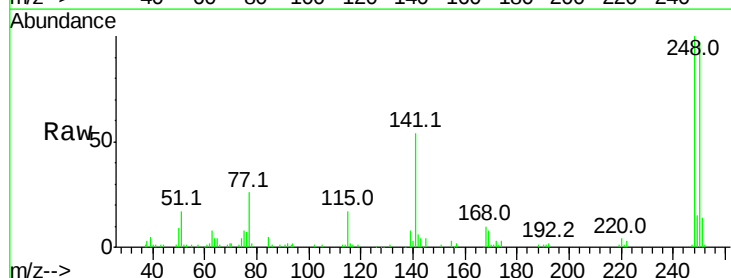
Manual Integrations
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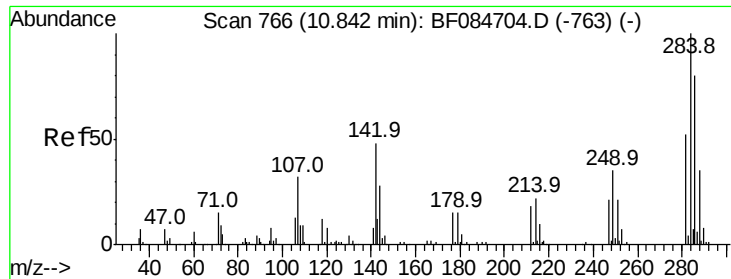
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#66
 4-Bromophenyl-phenylether
 Concen: 10.20 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	74058		
250	96.6		78.4	117.6
141	54.2		44.0	66.0





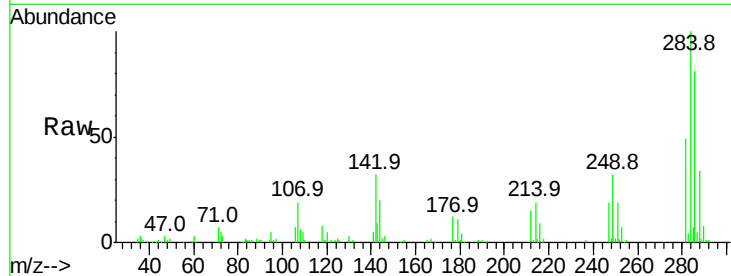
#67
Hexachlorobenzene
Concen: 10.89 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

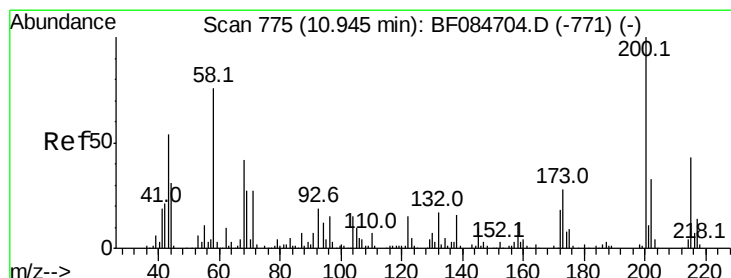
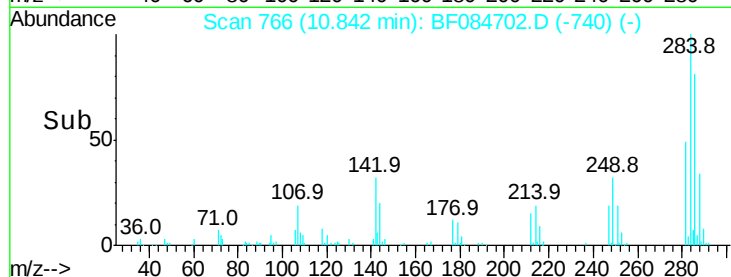
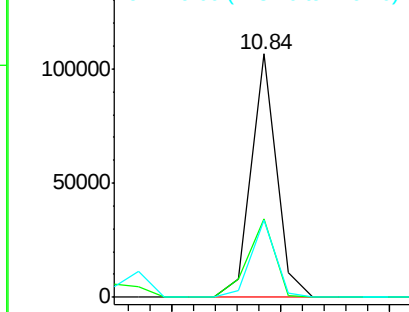
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.4	22.2	33.4	
249	32.0	24.6	37.0	

Manual Integrations
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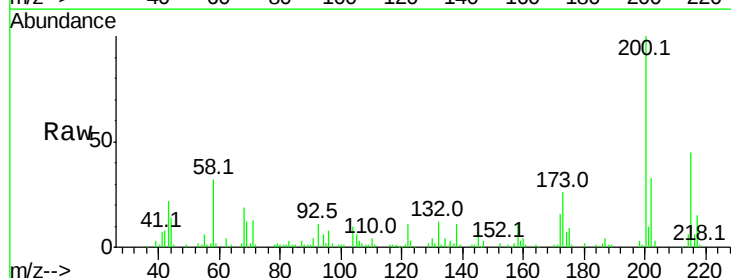


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

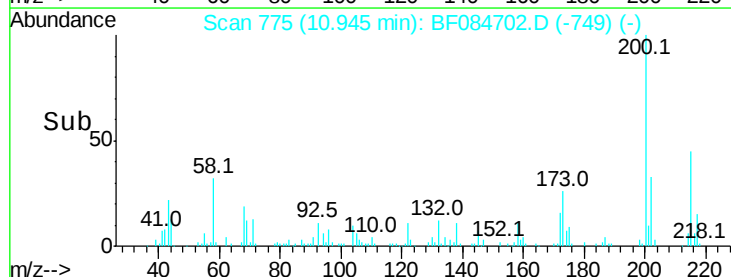
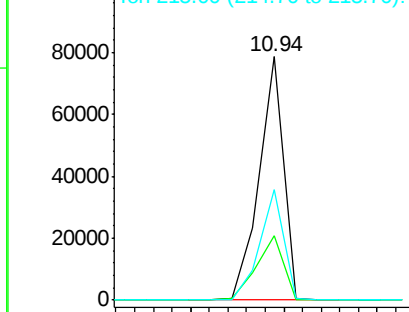


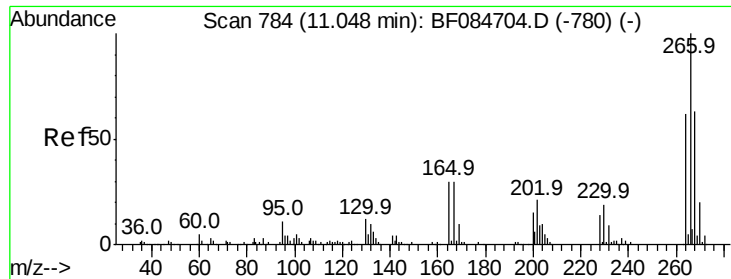
#68
Atrazine
Concen: 11.30 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	9.5	49.5	
215	45.2	23.8	63.8	



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





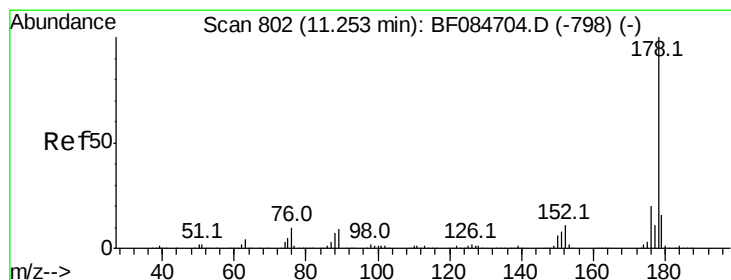
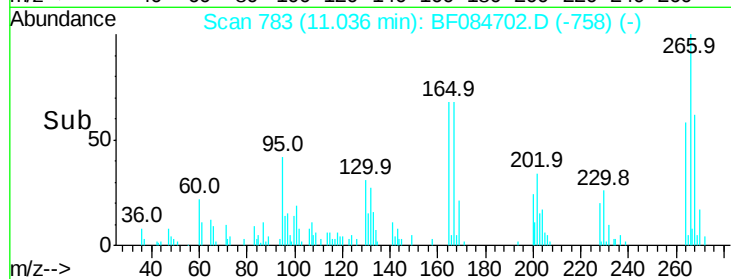
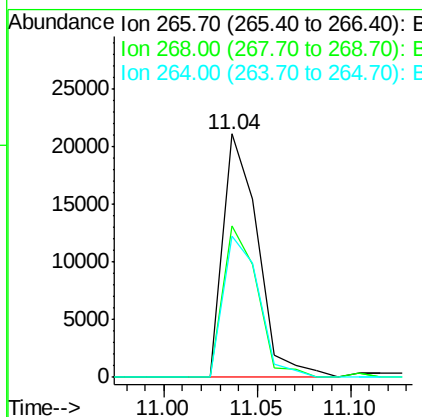
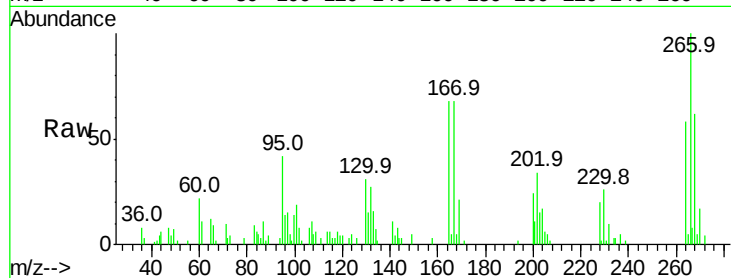
#69
 Pentachlorophenol
 Concen: 7.19 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
266	100	27431		
268	62.4		52.4	78.6
264	58.1		50.2	75.2

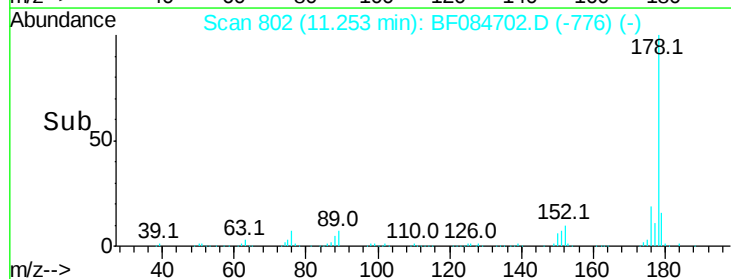
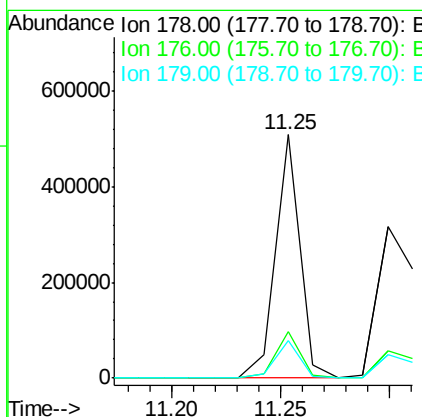
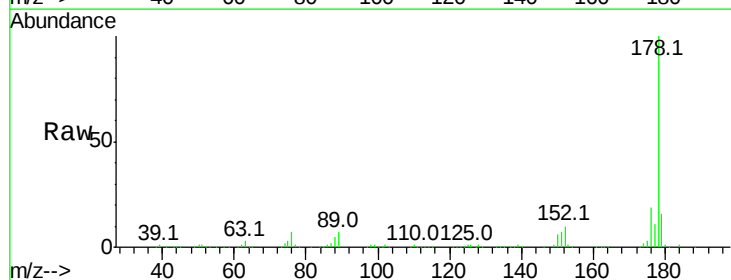
Manual Integrations
 APPROVED

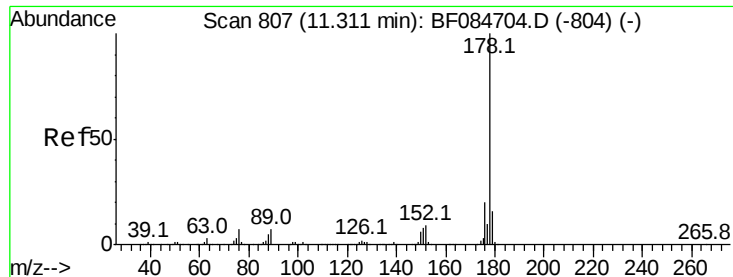
mohammad
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#70
 Phenanthrene
 Concen: 11.31 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	403470		
176	19.0		15.3	22.9
179	15.6		12.0	18.0





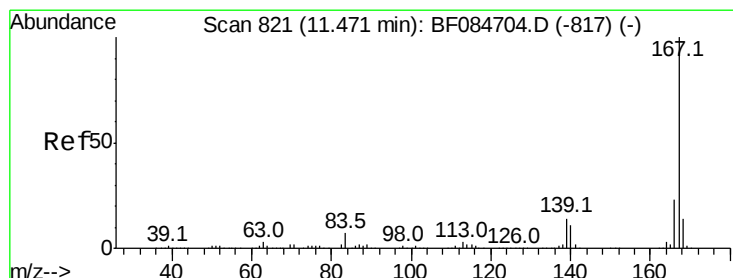
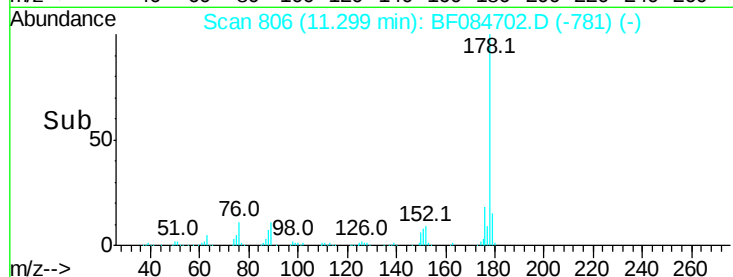
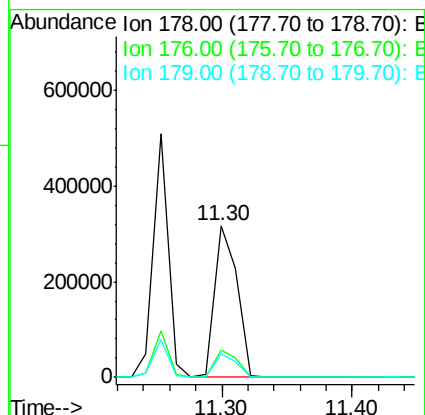
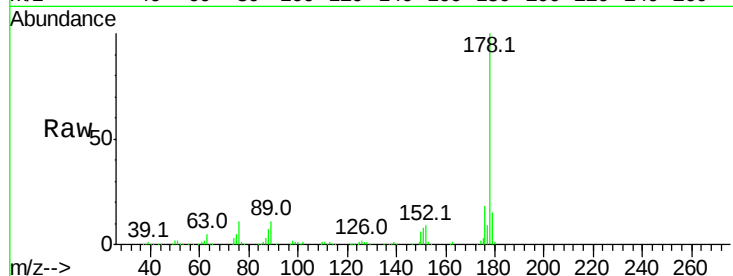
#71
 Anthracene
 Concen: 10.53 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.5	12.5	18.7

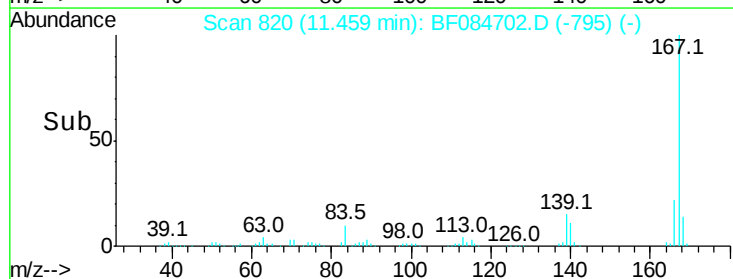
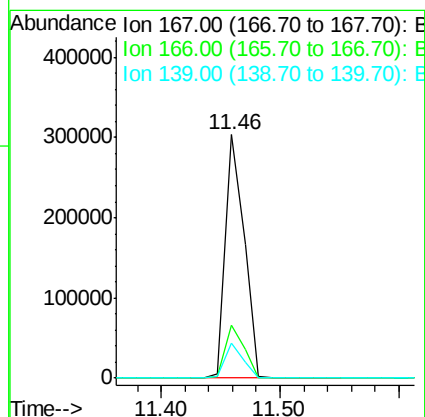
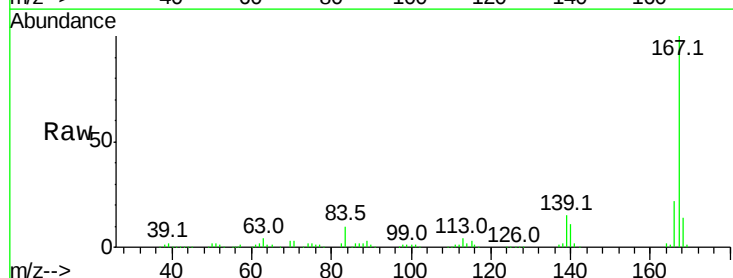
Manual Integrations
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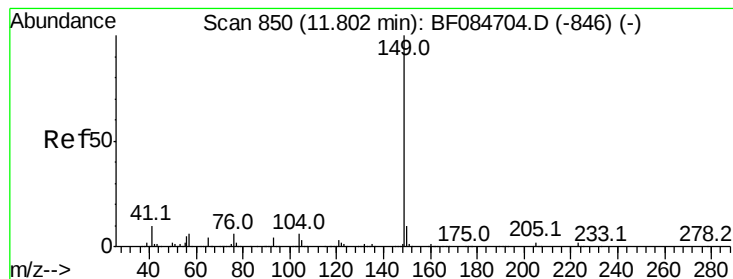
mohammad
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#72
 Carbazole
 Concen: 10.57 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.6	11.8	17.8





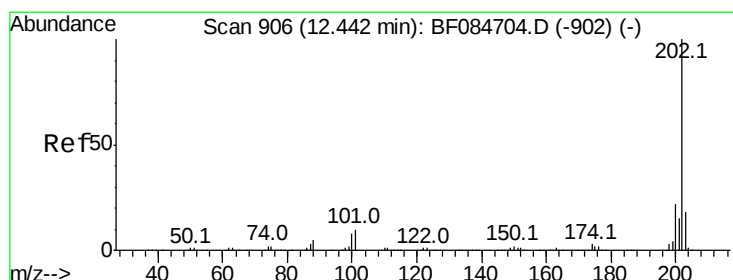
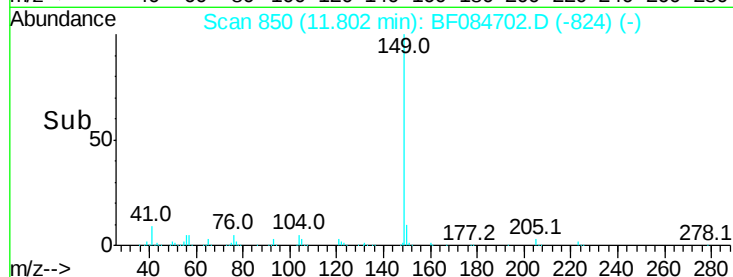
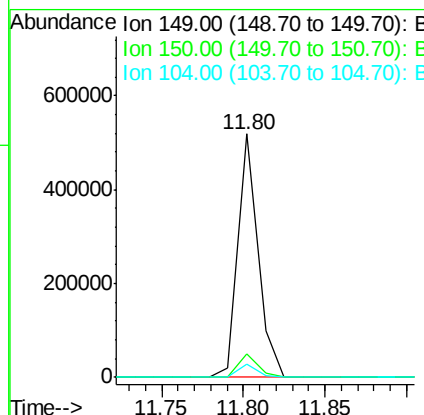
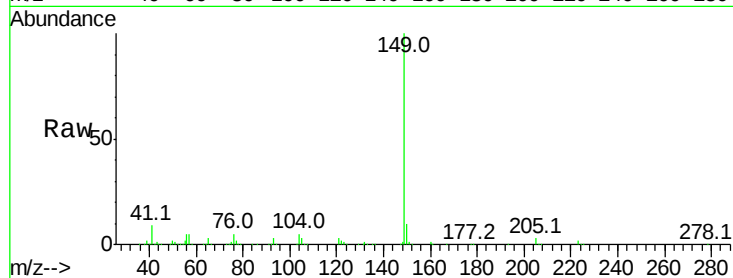
#73
Di-n-butylphthalate
Concen: 11.52 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.1	10.7	
104	5.2	3.2	4.8	

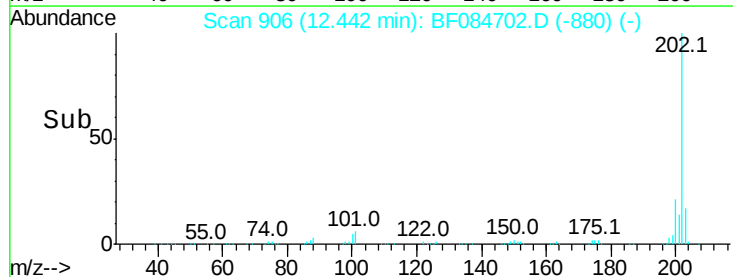
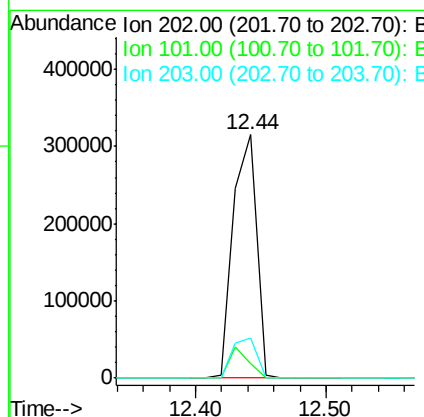
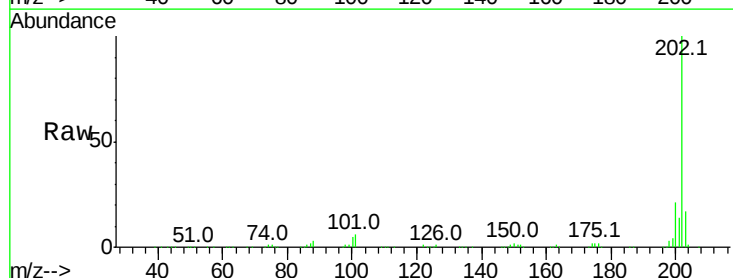
Manual Integrations
APPROVED

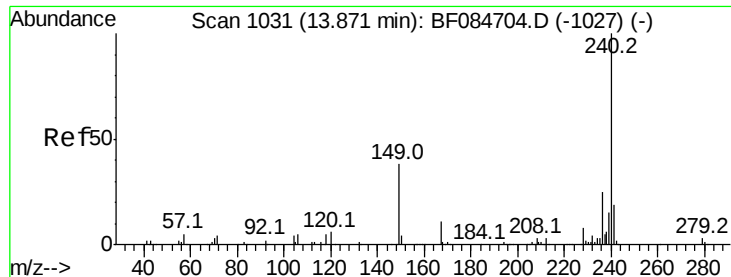
mohammad
2/2/2016 4:17:18 PM



#74
Fluoranthene
Concen: 11.10 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	5.9	0.0	32.8	
203	16.7	0.0	37.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

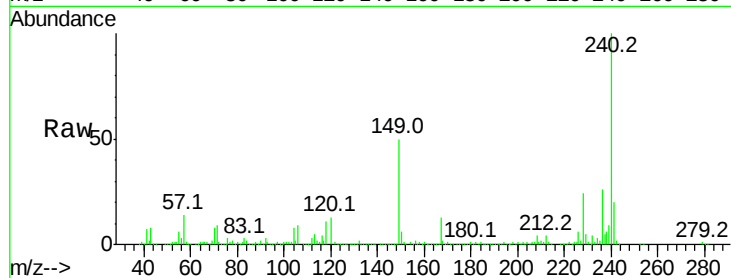
ClientSampleId :

SSTDIC010

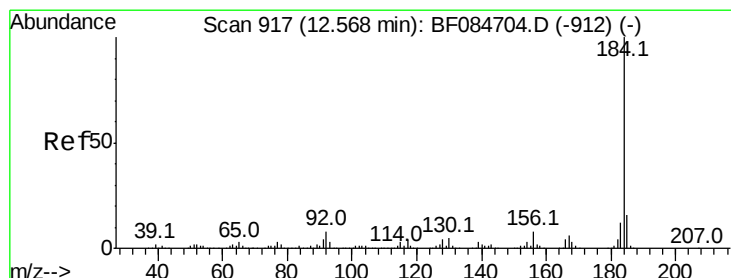
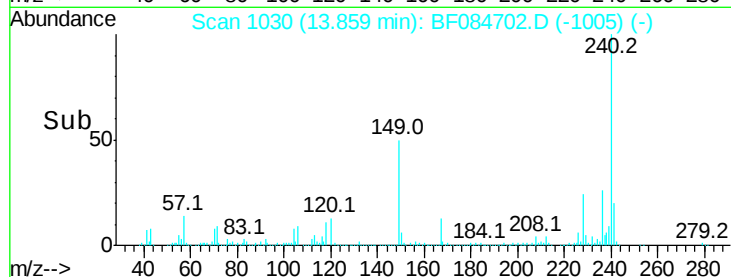
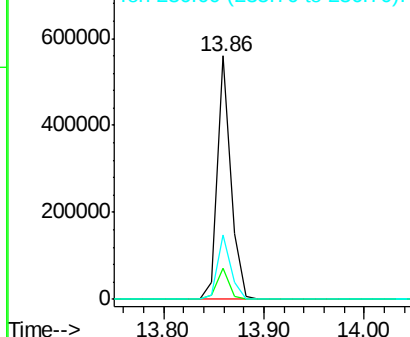
Tot Ion:	240	Resp:	522445
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.4	20.6	31.0

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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: 4.94 ng

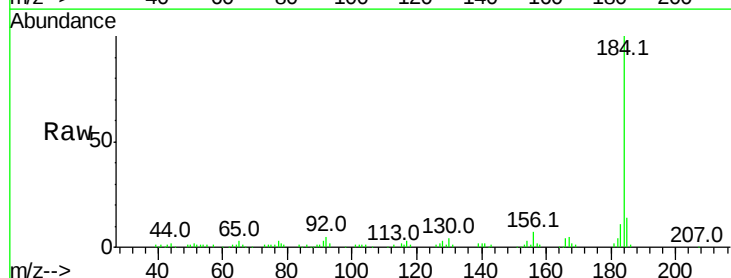
RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

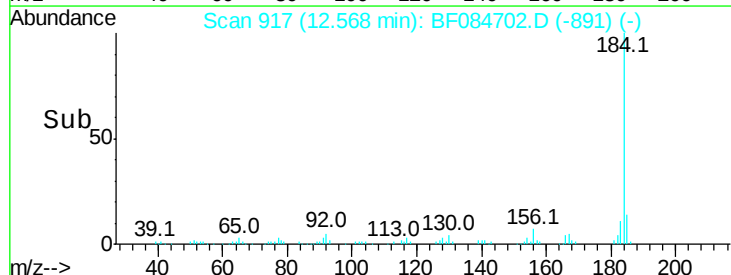
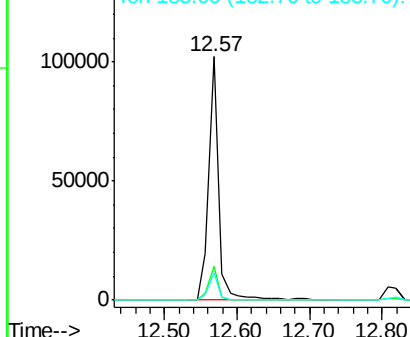
Lab File: BF084702.D

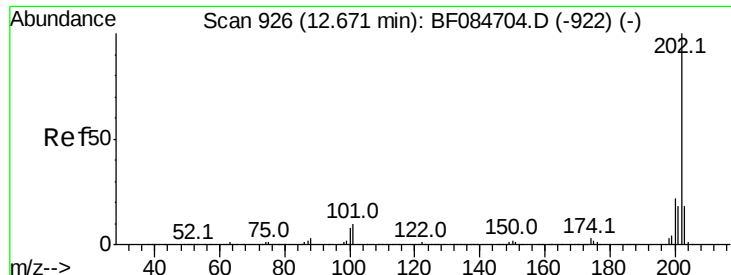
Acq: 1 Feb 2016 11:35

Tgt Ion:	184	Resp:	98223
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.2	18.2
183	11.3	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





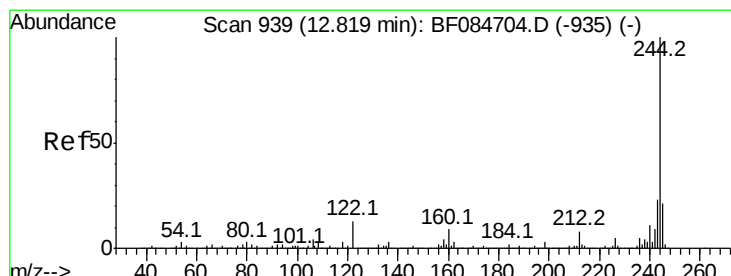
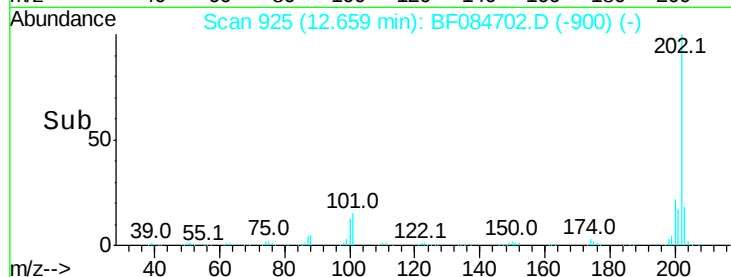
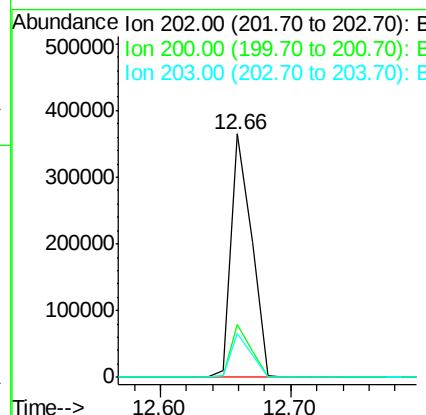
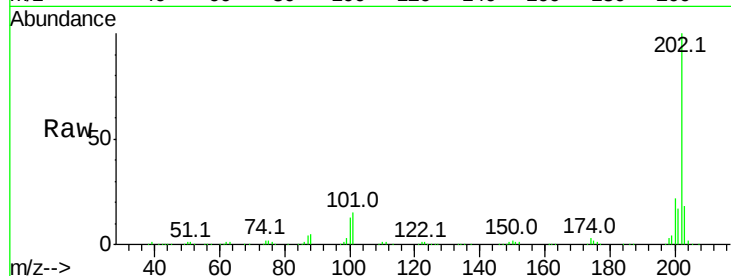
#77
Pvrene
Concen: 10.12 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.2	14.3	21.5

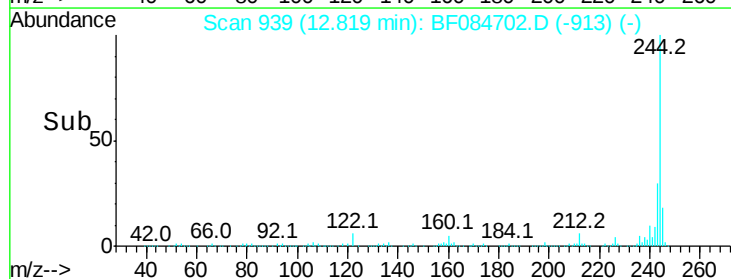
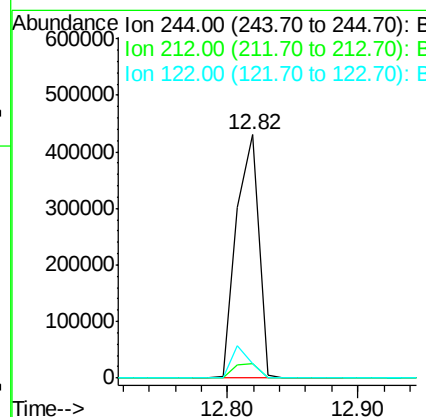
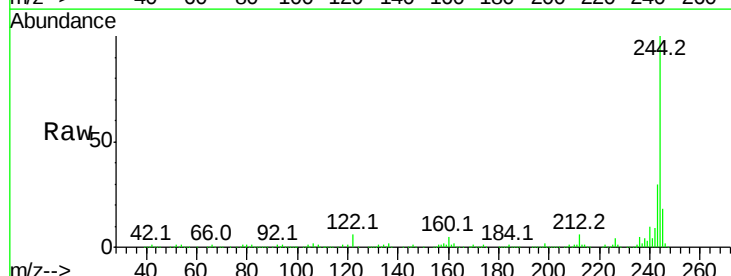
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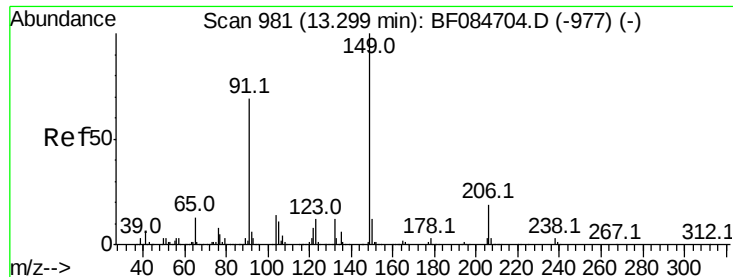
mohammad
2/2/2016 4:17:18 PM



#78
Terphenyl-d14
Concen: 21.97 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.7	8.5
122	6.1	7.4	11.0#





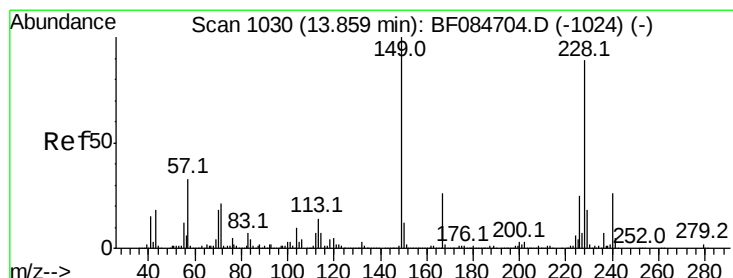
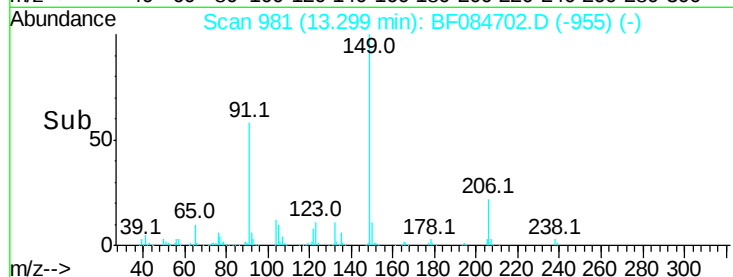
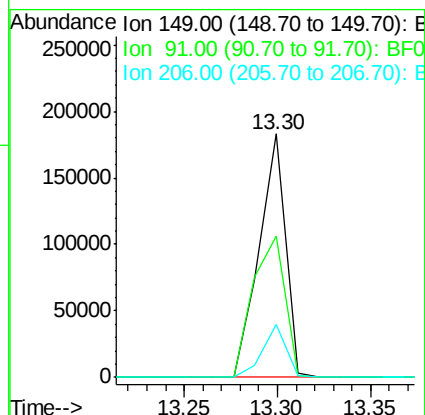
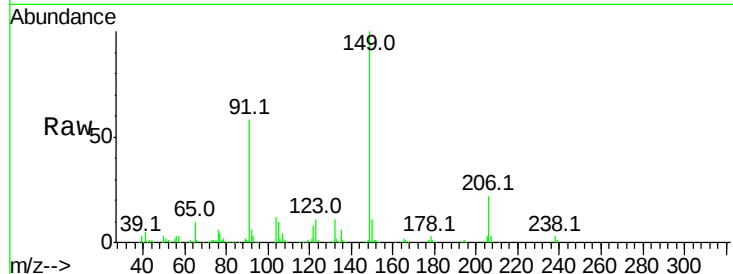
#79
Butylbenzylphthalate
Concen: 10.61 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Instrument :
BNA_F
ClientSampleID :
SSTDIC010

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	58.2	57.6	86.4
206	21.7	13.2	19.8

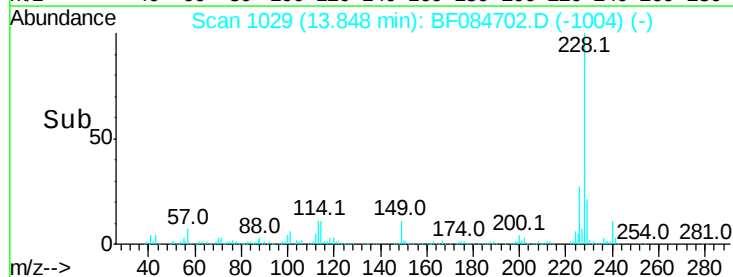
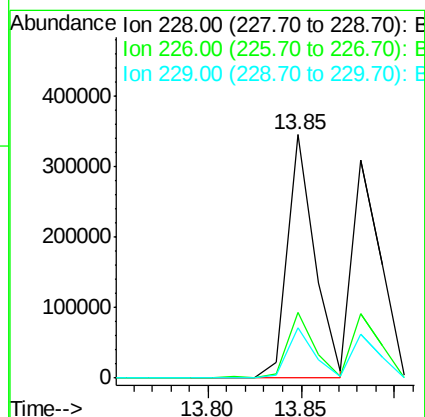
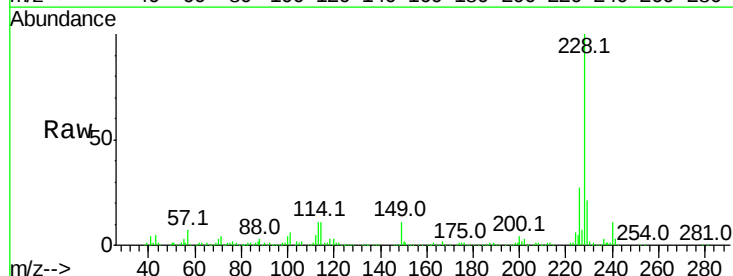
Manual Integrations
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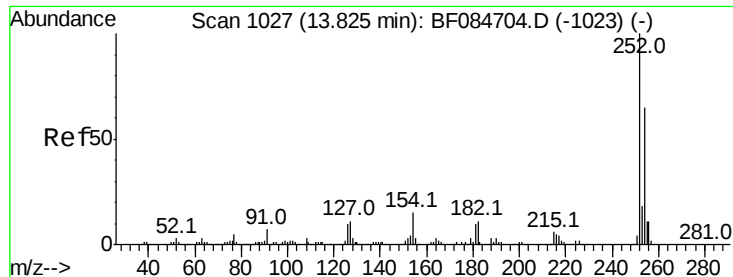
mohammad
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#80
Benzo(a)anthracene
Concen: 10.81 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084702.D
Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.0	21.8	32.6
229	20.5	15.8	23.8





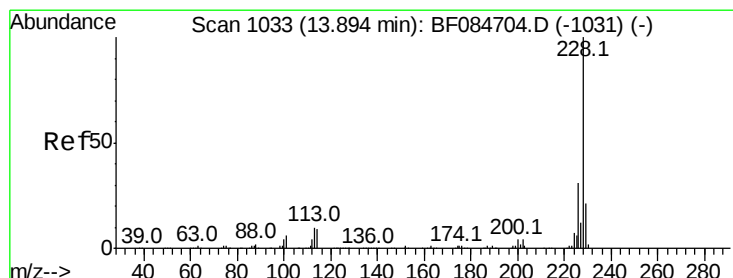
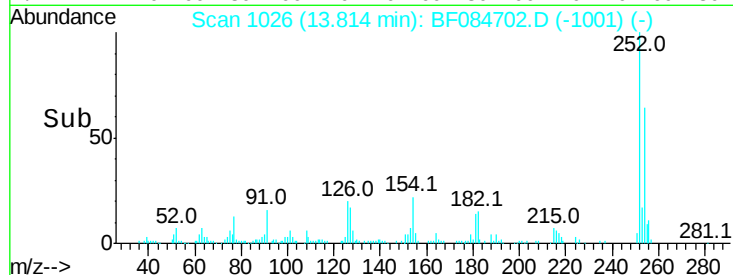
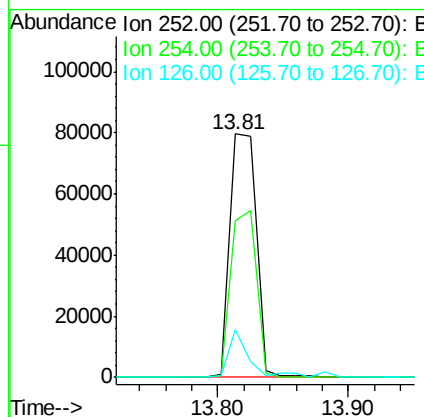
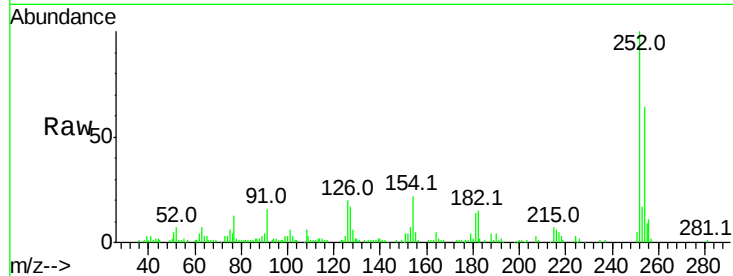
#81
 3,3'-Dichlorobenzidine
 Concen: 9.76 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	53.5	80.3
126	19.8	4.9	7.3

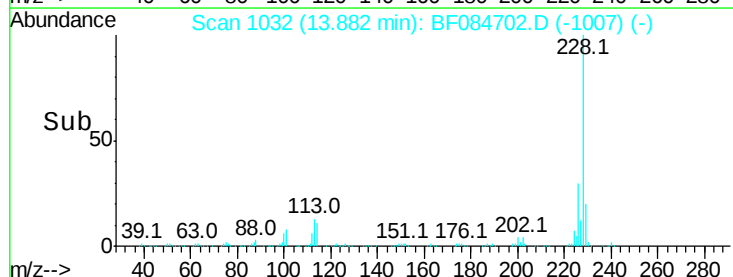
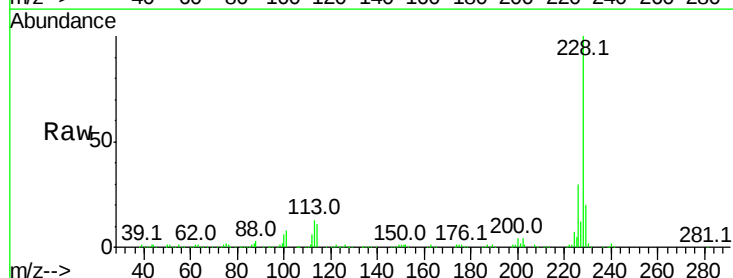
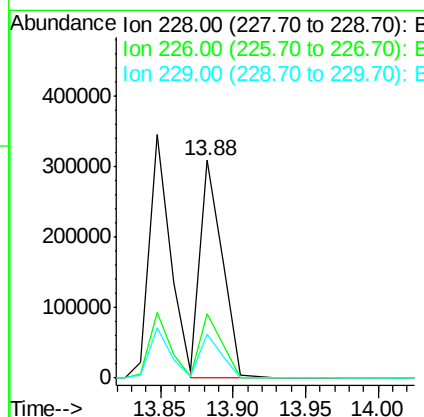
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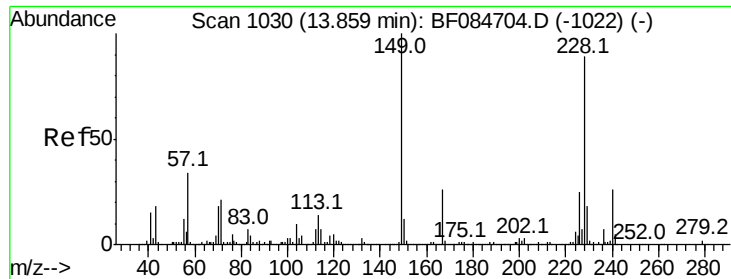
mohammad
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#82
 Chrysene
 Concen: 10.16 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.9	16.1	24.1





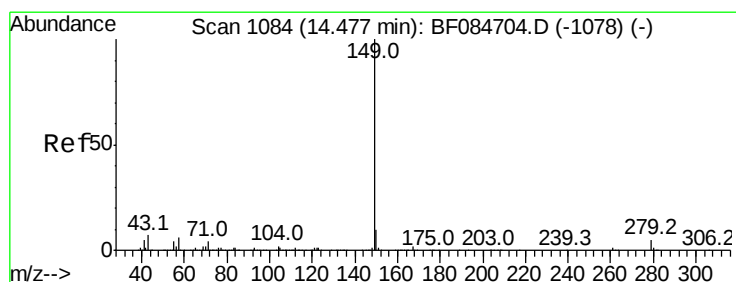
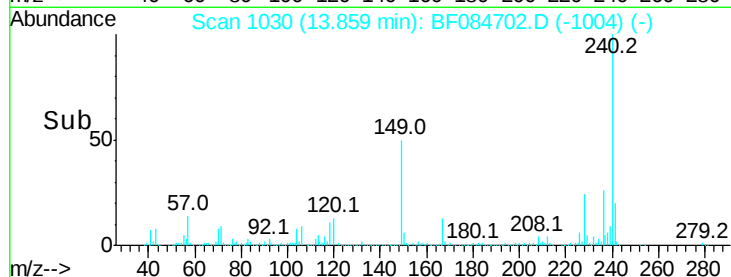
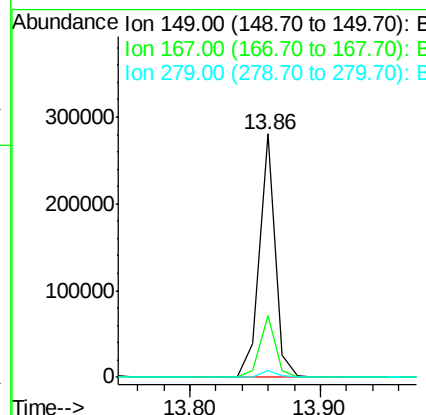
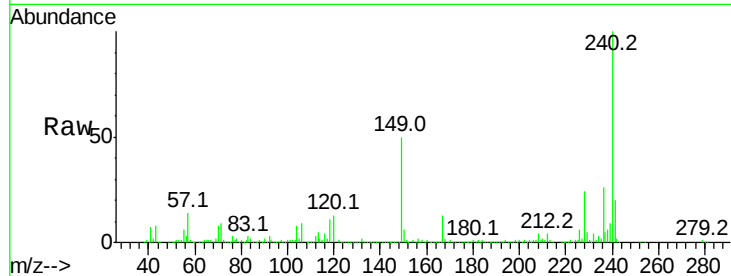
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.96 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	239349		
167	25.4	19.7	29.5	
279	2.9	1.8	2.6#	

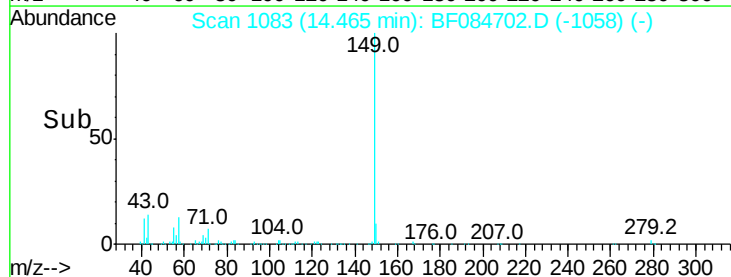
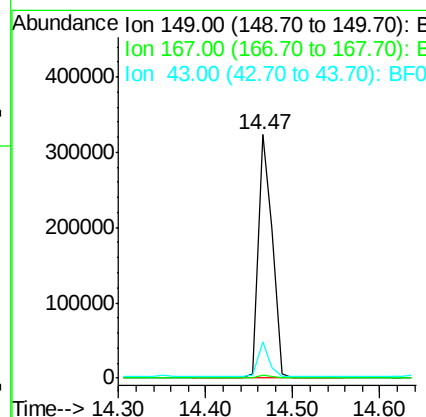
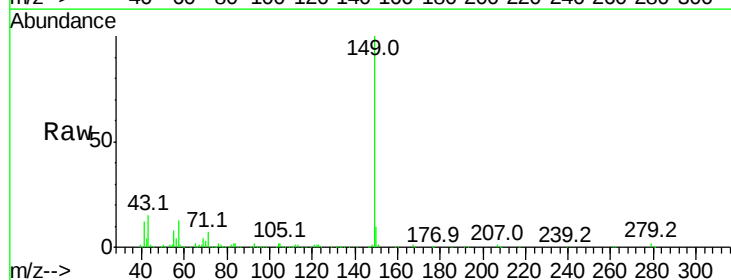
Manual Integrations
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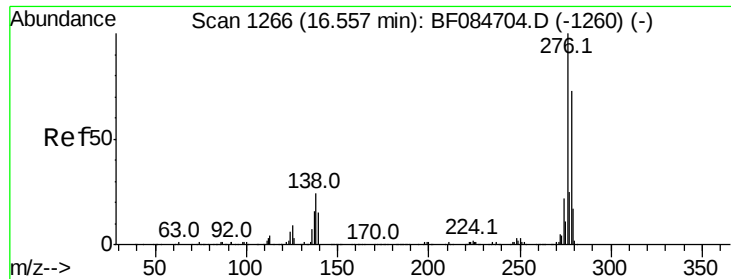
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 10.71 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF084702.D
 Acq: 1 Feb 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	369649		
167	1.4	1.2	1.8	
43	12.0	5.6	8.4#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.65 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

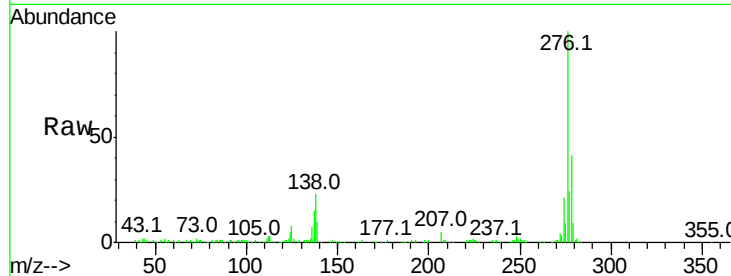
ClientSampleId :

SSTDIC010

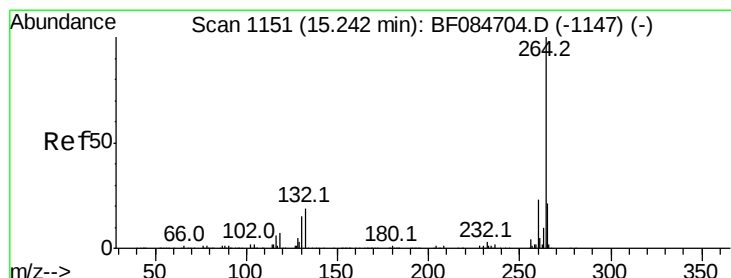
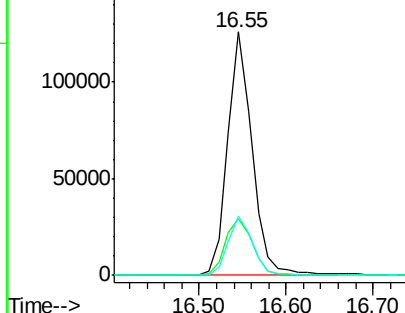
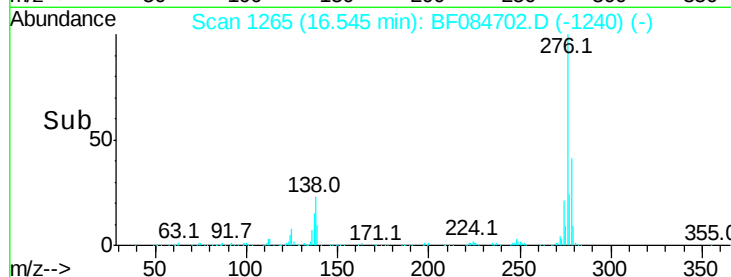
Tot Ion:	276	Resp:	245541
Ion Ratio		Lower	Upper
276	100		
138	26.0	20.6	30.8
277	24.7	20.1	30.1

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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

Perylene-d12

Concen: 20.00 ng

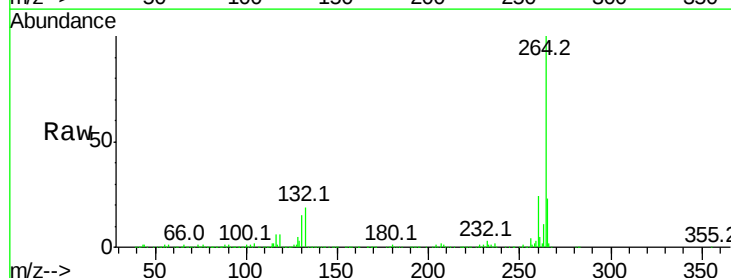
RT: 15.24 min Scan# 1151

Delta R.T. -0.00 min

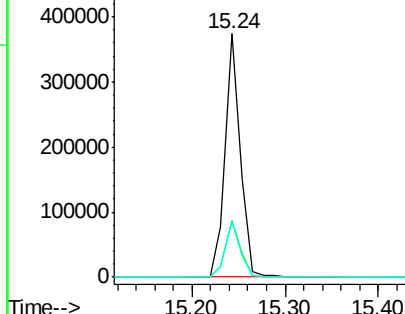
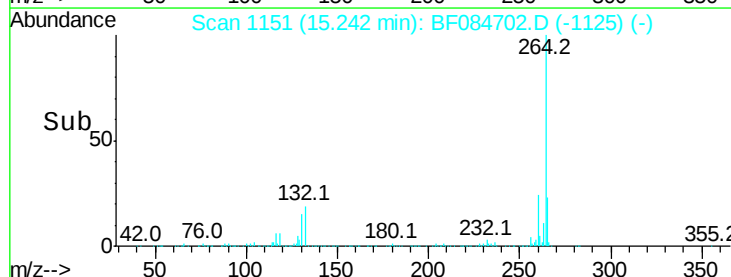
Lab File: BF084702.D

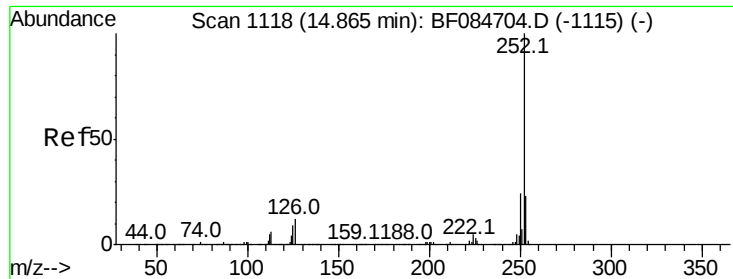
Acq: 1 Feb 2016 11:35

Tgt Ion:	264	Resp:	427055
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.9	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 12.49 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

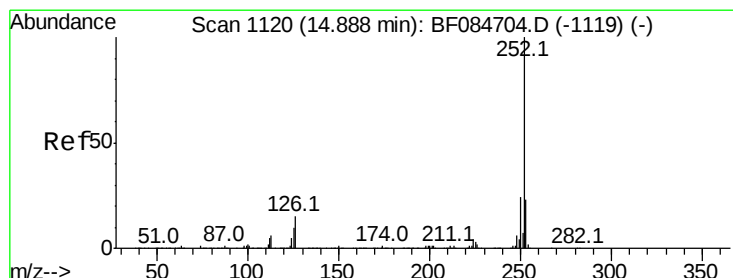
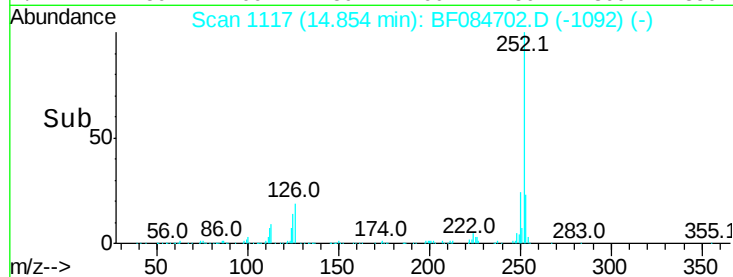
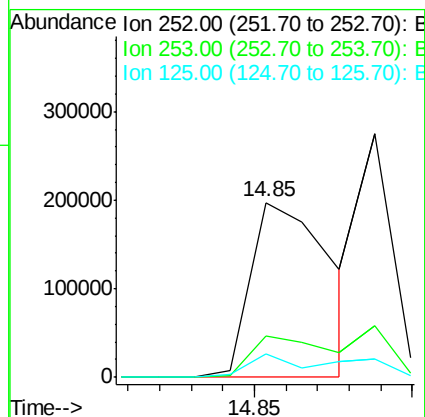
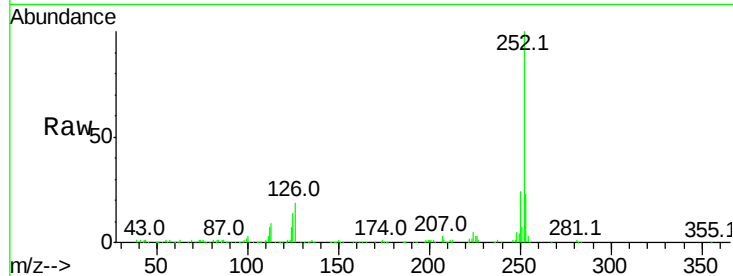
ClientSampleId :

SSTDIC010

Tot Ion:	252	Resp:	345442
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.3	25.9
125	13.6	6.5	9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 9.23 ng m

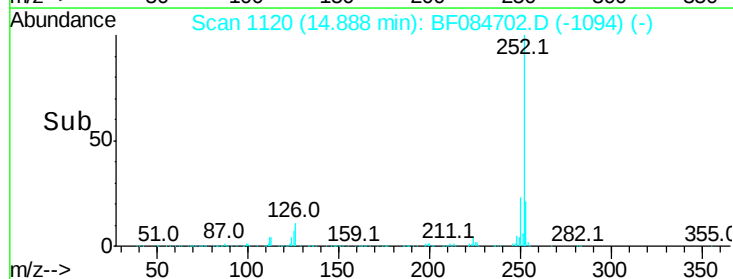
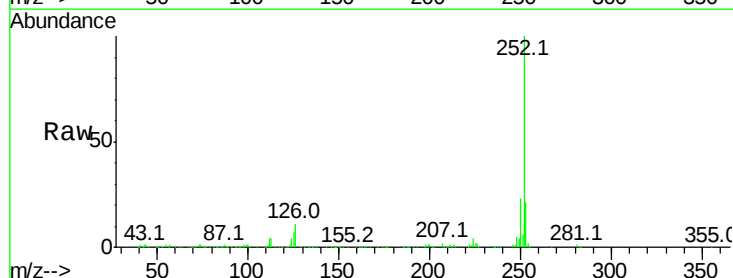
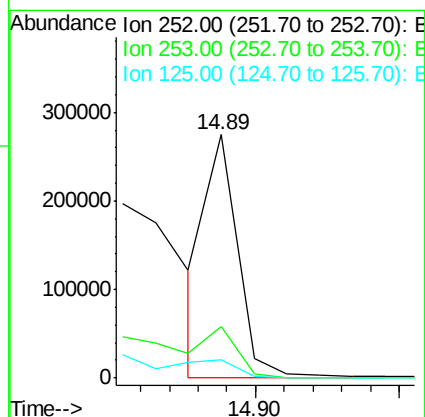
RT: 14.89 min Scan# 1120

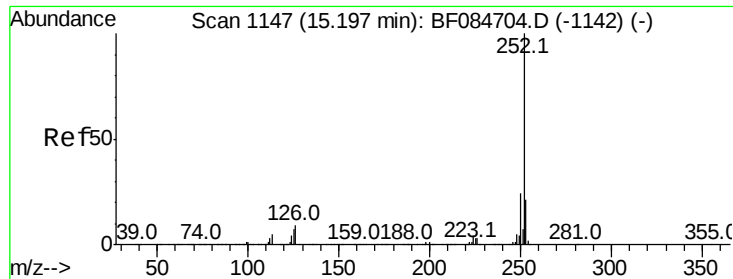
Delta R.T. -0.00 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	252	Resp:	210794
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	7.3	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 10.77 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

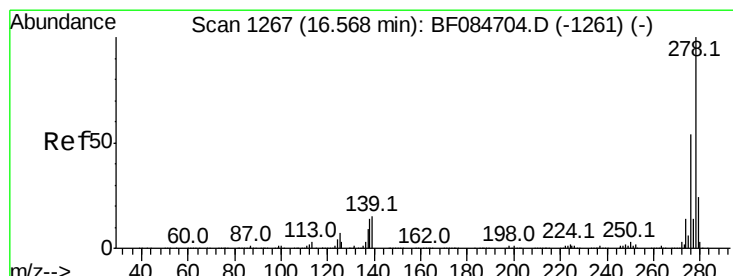
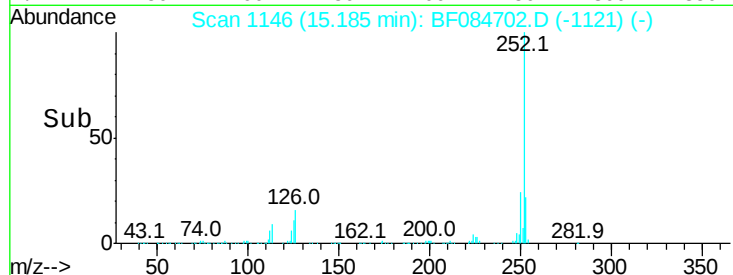
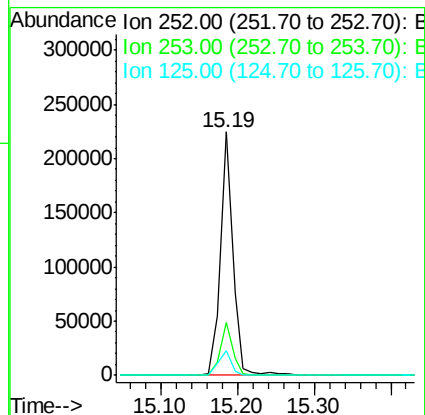
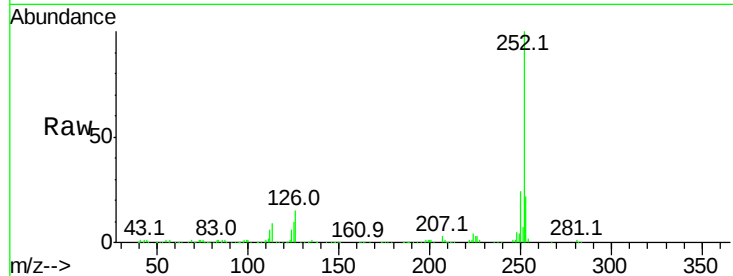
ClientSampleId :

SSTDIC010

Tot Ion:	252	Resp:	257654
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	10.3	7.0	10.4

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 9.61 ng

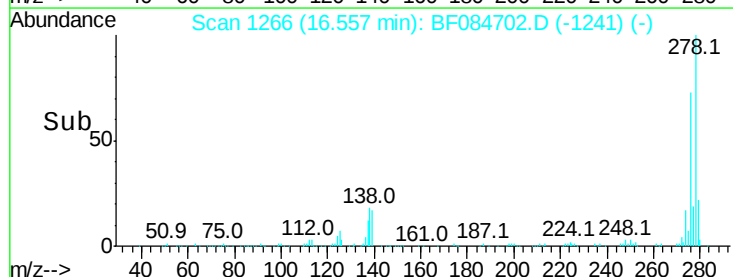
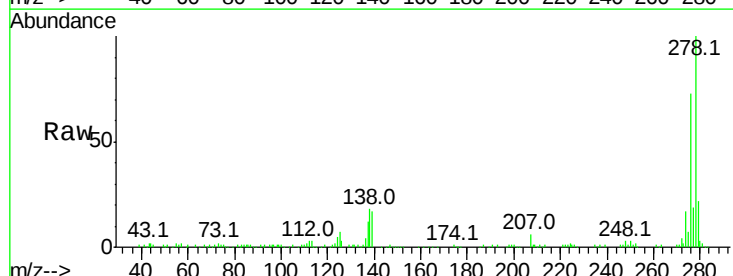
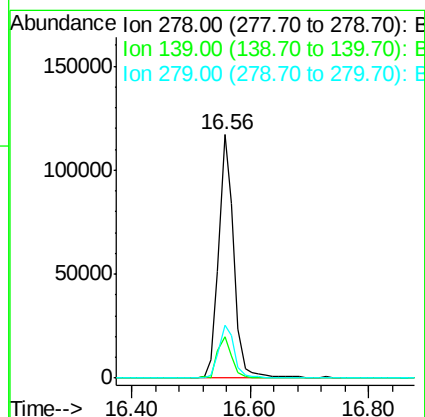
RT: 16.56 min Scan# 1266

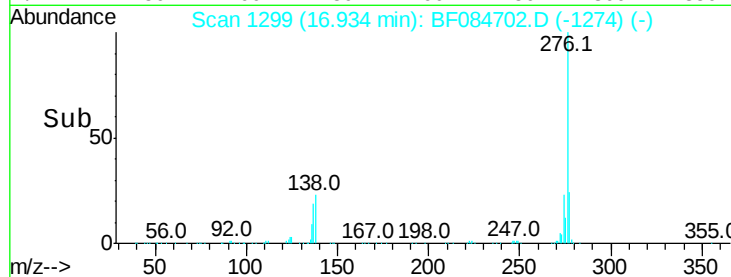
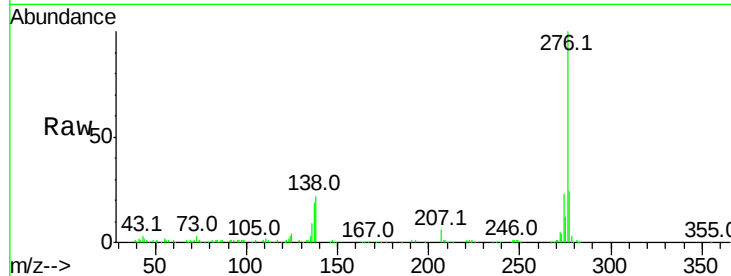
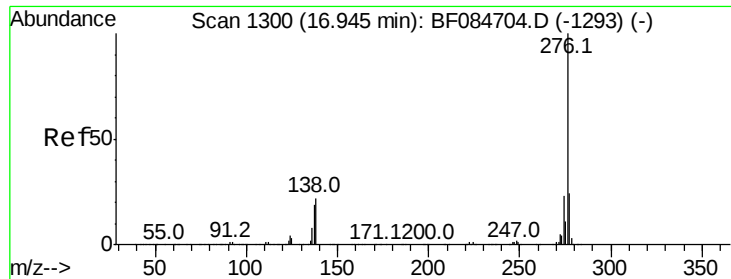
Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Tgt Ion:	278	Resp:	207079
Ion Ratio	Lower	Upper	
278	100		
139	17.2	15.0	22.4
279	21.9	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 9.12 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF084702.D

Acq: 1 Feb 2016 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:	276	Resp:	198580
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.4	17.8	26.6

Manual Integrations
APPROVED

mohammad
2/2/2016 4:17:18 PM

