

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084707.D
 Acq On : 1 Feb 2016 13:55
 Operator : SJ/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:17:34 PM

Quant Time: Feb 01 14:44:17 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 12:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170537	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	713831	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	325147	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	601433	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	432817	20.00	ng	0.00
86) Perylene-d12	15.24	264	333992	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1684088	149.07	ng	0.00
7) Phenol-d6	6.37	99	1877042	138.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1912342	149.72	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	484670	142.22	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.82	244	2774805	144.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	359382	68.22	ng	# 75
3) Pyridine	2.89	79	1073412	76.48	ng	# 74
4) n-Nitrosodimethylamine	2.85	42	522732	76.18	ng	# 78
6) Aniline	6.38	93	1236057	71.11	ng	# 63
8) 2-Chlorophenol	6.51	128	927730	74.03	ng	# 93
9) Benzaldehyde	6.26	77	517838	66.04	ng	# 98
10) Phenol	6.38	94	978515	64.84	ng	# 63
11) bis(2-Chloroethyl)ether	6.46	93	922978	78.64	ng	# 86
12) 1,3-Dichlorobenzene	6.66	146	1013088	75.46	ng	# 99
13) 1,4-Dichlorobenzene	6.74	146	966434m	73.34	ng	# 97
14) 1,2-Dichlorobenzene	6.89	146	817839	67.41	ng	# 92
15) Benzyl Alcohol	6.88	79	695291	75.44	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1440508	71.71	ng	# 90
17) 2-Methylphenol	6.99	107	713708	73.47	ng	# 93
18) Hexachloroethane	7.23	117	392065	76.06	ng	# 75
19) n-Nitroso-di-n-propylamine	7.15	70	631955	76.41	ng	# 81
20) 3+4-Methylphenols	7.15	107	765556	64.94	ng	# 98
22) Acetophenone	7.14	105	1260139	67.59	ng	# 96
24) Nitrobenzene	7.31	77	865896	63.78	ng	# 96
25) Isophorone	7.56	82	1805360	75.44	ng	# 90
26) 2-Nitrophenol	7.63	139	529112	81.96	ng	# 95
27) 2,4-Dimethylphenol	7.68	122	797755	70.52	ng	# 98
28) bis(2-Chloroethoxy)methane	7.77	93	1021723	71.14	ng	# 96
29) 2,4-Dichlorophenol	7.87	162	670142	67.73	ng	# 96
30) 1,2,4-Trichlorobenzene	7.95	180	814135	71.95	ng	# 98
31) Naphthalene	8.03	128	2594191	71.99	ng	# 93
32) Benzoic acid	7.85	122	654027	75.31	ng	# 98
33) 4-Chloroaniline	8.09	127	1109347	75.70	ng	# 49
34) Hexachlorobutadiene	8.14	225	436206	65.23	ng	# 95
35) Caprolactam	8.49	113	226450	79.75	ng	# 97
36) 4-Chloro-3-methylphenol	8.58	107	751641	68.99	ng	# 99
37) 2-Methylnaphthalene	8.72	142	1416689	64.05	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	778215	73.80	ng	# 98
40) Hexachlorocyclopentadiene	8.88	237	367114	76.57	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	483677	73.84	nq	94
43) 2,4,5-Trichlorophenol	9.05	196	495619	73.28	nq #	86
45) 1,1'-Biphenyl	9.18	154	1811405	60.78	nq	98
46) 2-Chloronaphthalene	9.21	162	1434321	65.97	nq	95
47) 2-Nitroaniline	9.31	65	533888	81.76	nq	95
48) Acenaphthylene	9.62	152	2025640	61.49	nq	96
49) Dimethylphthalate	9.50	163	1887611	77.35	nq #	91
50) 2,6-Dinitrotoluene	9.56	165	449551	83.73	nq	99
51) Acenaphthene	9.79	154	1436017	65.10	nq	97
52) 3-Nitroaniline	9.72	138	421630	75.15	nq	92
53) 2,4-Dinitrophenol	9.82	184	202936	76.60	nq #	74
54) Dibenzofuran	9.96	168	1621347	61.59	nq	91
55) 4-Nitrophenol	9.90	139	383681	93.10	nq	95
56) 2,4-Dinitrotoluene	9.96	165	546223	78.31	nq #	88
57) Fluorene	10.30	166	1390453	62.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	407952	79.78	nq	93
59) Diethylphthalate	10.19	149	1587729	66.46	nq	99
61) 4-Nitroaniline	10.34	138	451696	85.06	nq	94
62) Azobenzene	10.46	77	1721330	75.28	nq	91
64) 4,6-Dinitro-2-methylphenol	10.37	198	334683	85.20	nq	76
65) n-Nitrosodiphenylamine	10.42	169	1338966	68.66	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	455002	67.17	nq #	77
67) Hexachlorobenzene	10.85	284	558518	75.80	nq	98
68) Atrazine	10.96	200	407455	69.74	nq	98
69) Pentachlorophenol	11.05	266	295335	82.97	nq	97
70) Phenanthrene	11.27	178	2463647	74.08	nq	95
71) Anthracene	11.31	178	2201906	65.12	nq	98
72) Carbazole	11.47	167	1873759	64.30	nq	98
73) Di-n-butylphthalate	11.81	149	2774564	78.29	nq #	97
74) Fluoranthene	12.44	202	2173778	66.11	nq	98
76) Benzidine	12.57	184	924033	56.13	nq #	95
77) Pyrene	12.67	202	2164194	66.29	nq	97
79) Butylbenzylphthalate	13.30	149	1071979	76.87	nq	92
80) Benzo(a)anthracene	13.86	228	1774116	65.76	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	651569	68.63	nq #	94
82) Chrysene	13.89	228	1697201	63.82	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	1287193	71.15	nq	98
84) Di-n-octyl phthalate	14.48	149	2288992	80.08	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.57	276	1605272	68.27	nq	99
87) Benzo(b)fluoranthene	14.87	252	1500437m	69.38	nq	
88) Benzo(k)fluoranthene	14.90	252	1563597m	87.53	nq	
89) Benzo(a)pyrene	15.20	252	1409764	75.35	nq #	96
90) Dibenzo(a,h)anthracene	16.58	278	1308710	77.62	nq #	95
91) Benzo(g,h,i)perylene	16.96	276	1384956	81.36	nq	99

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

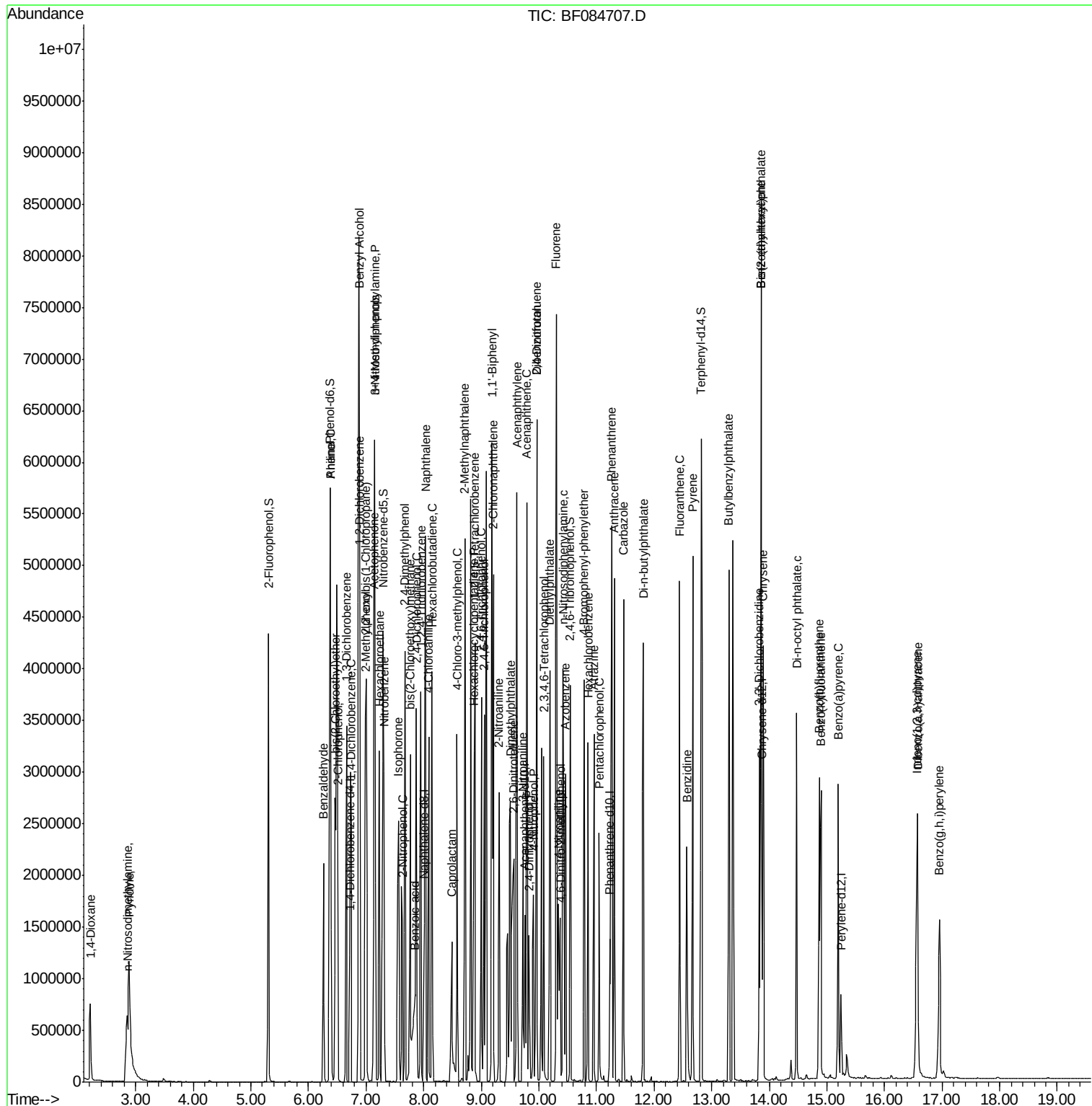
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Sample    : SSTDICC080  
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ALS Vial  : 8 Sample Multiplier: 1
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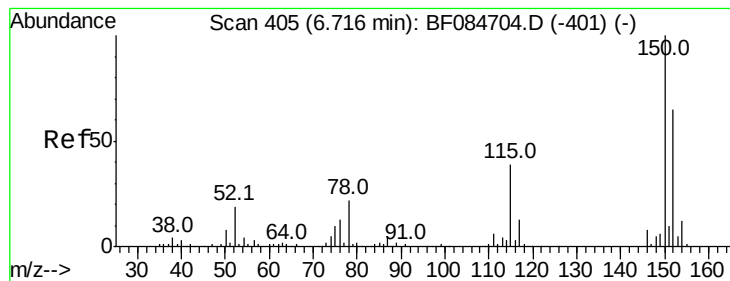
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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#1

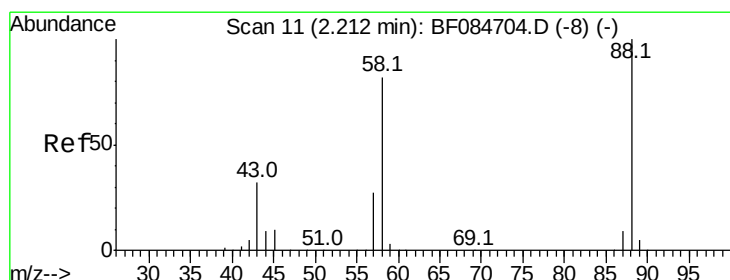
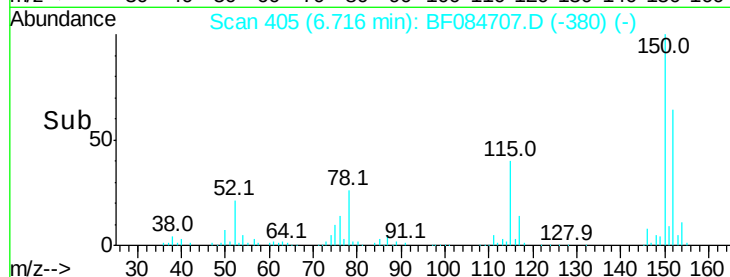
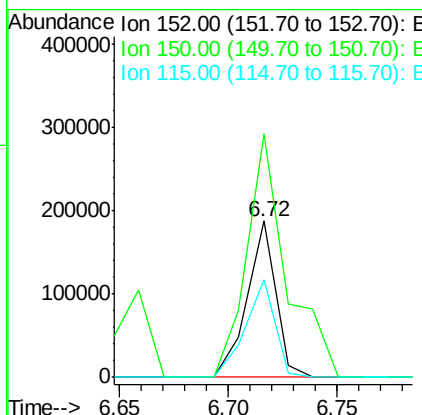
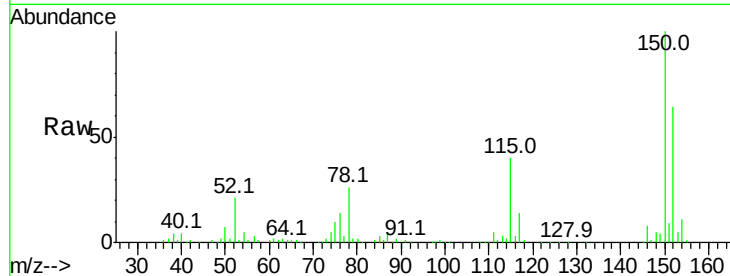
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	62.3	51.4	77.2

Manual Integrations
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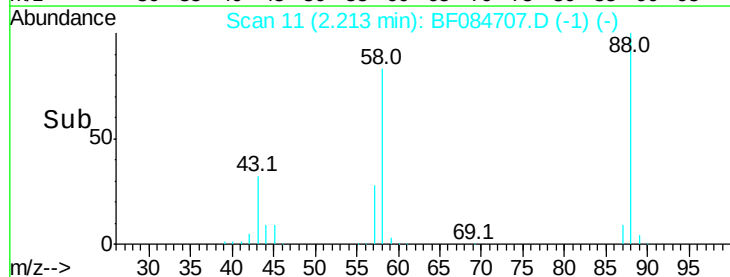
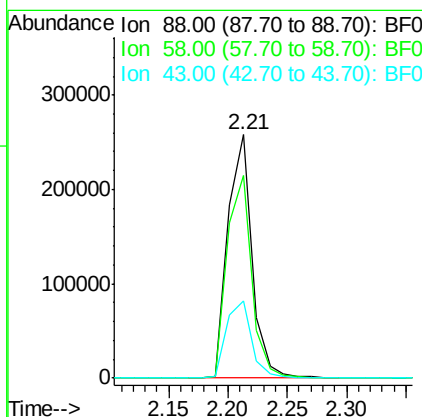
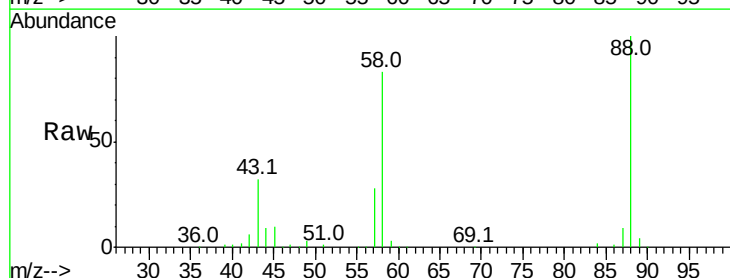
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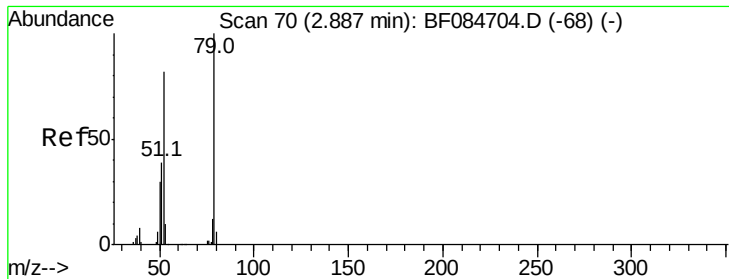


#2

1,4-Dioxane
Concen: 68.22 ng
RT: 2.21 min Scan# 11
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	51.2	76.8#
43	33.4	19.5	29.3#





#3

Pvridine

Concen: 76.48 ng

RT: 2.89 min Scan# 70

Delta R.T. -0.02 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1073412

Ion Ratio Lower Upper

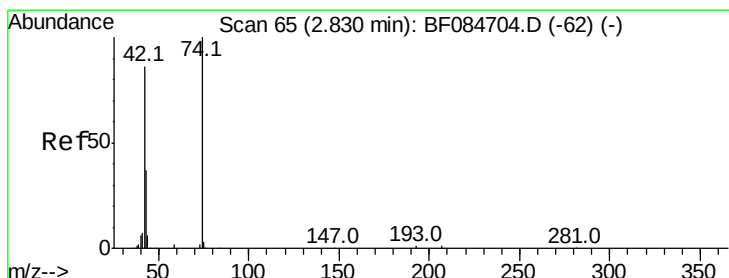
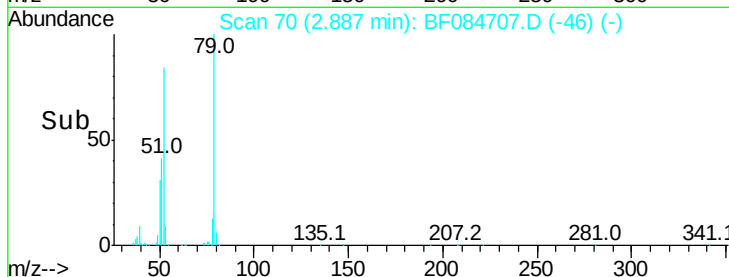
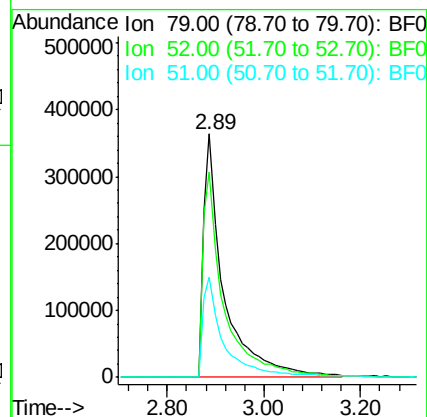
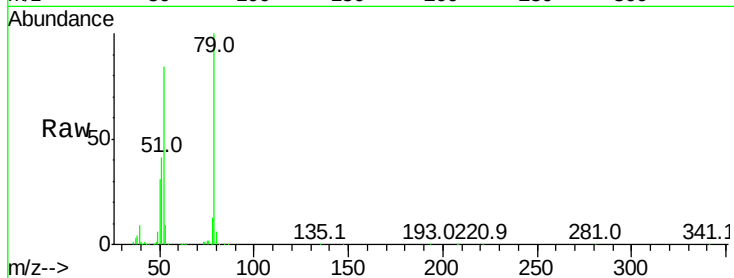
79 100

52 84.4 49.0 73.4#

51 41.1 25.2 37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 76.18 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

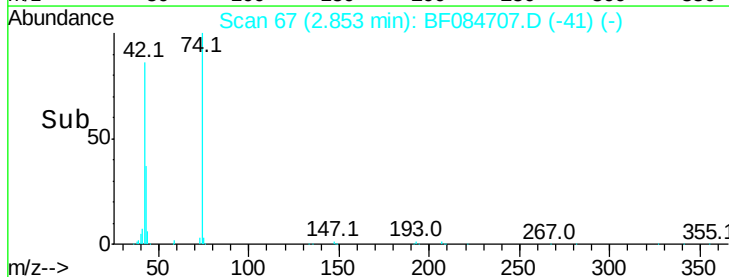
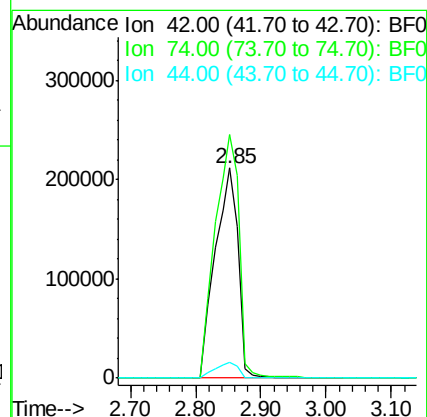
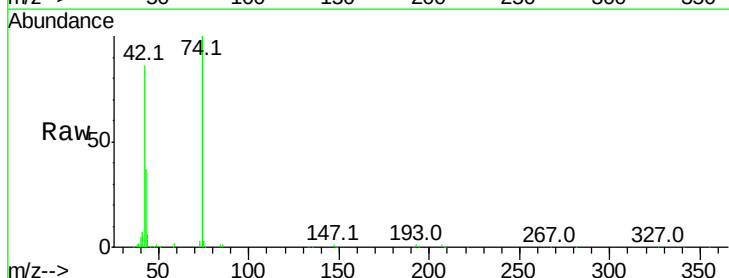
Tgt Ion: 42 Resp: 522732

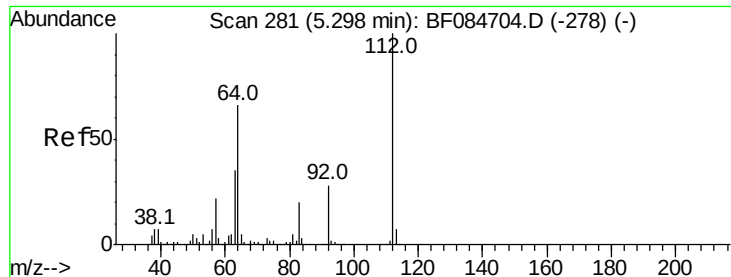
Ion Ratio Lower Upper

42 100

74 115.9 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 149.07 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1684088

Ion Ratio Lower Upper

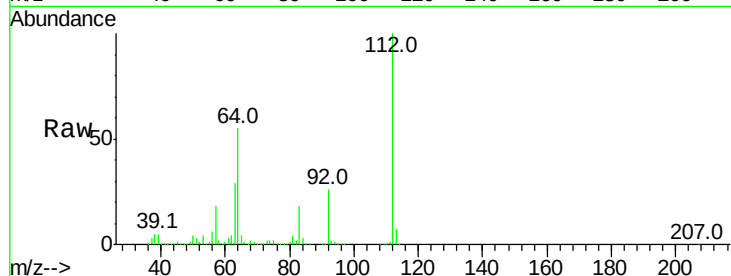
112 100

64 54.8 36.6 55.0

63 28.6 19.4 29.0

Manual Integrations
APPROVED

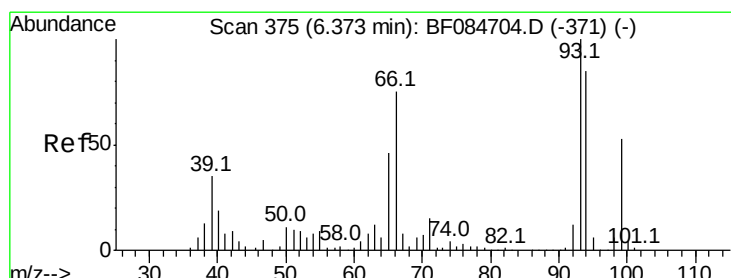
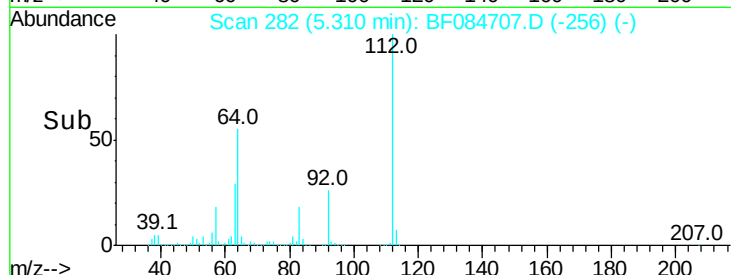
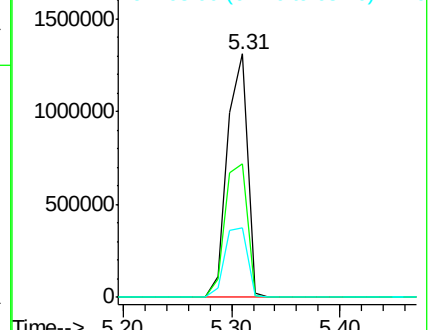
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 71.11 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

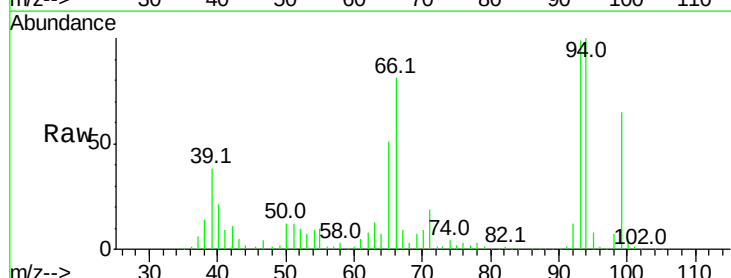
Tgt Ion: 93 Resp: 1236057

Ion Ratio Lower Upper

93 100

66 82.2 44.9 67.3#

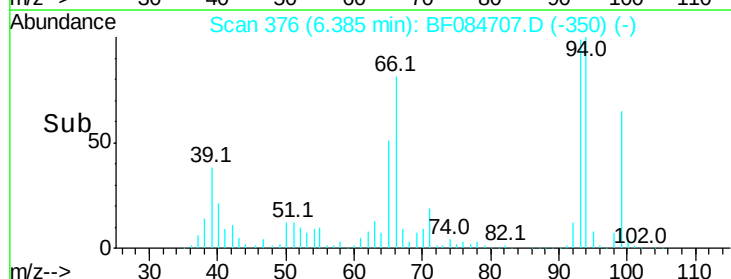
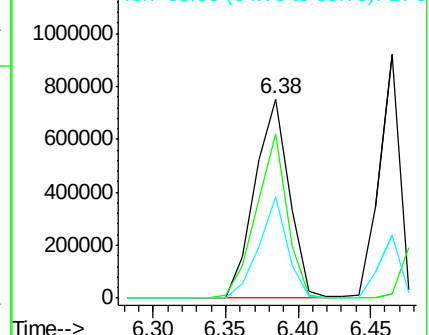
65 51.1 23.7 35.5#

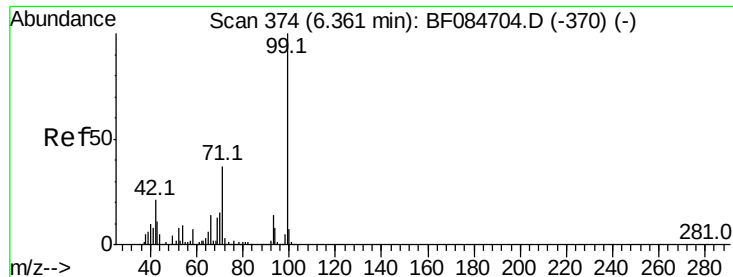


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.62 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

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ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 1877042

Ion Ratio Lower Upper

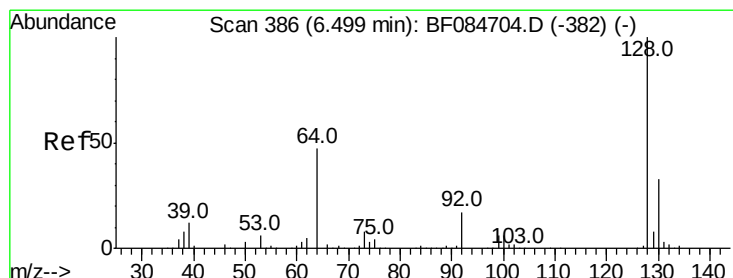
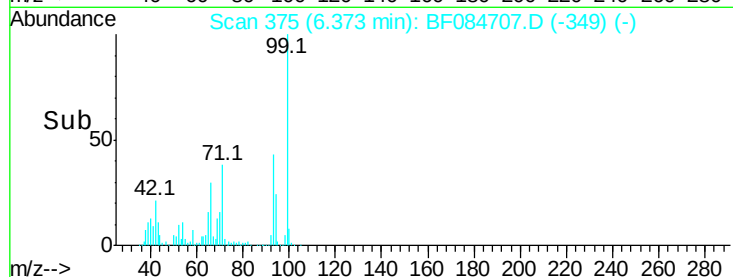
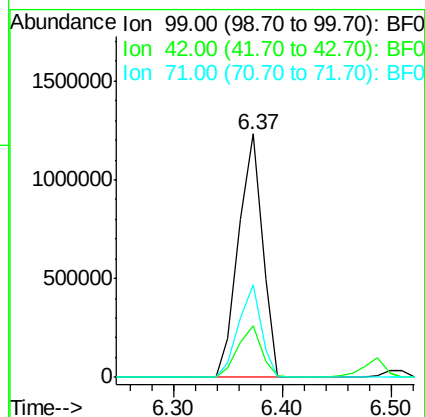
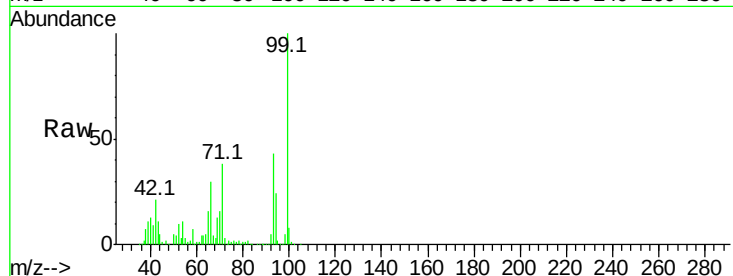
99 100

42 21.2 12.8 19.2#

71 38.1 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 74.03 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

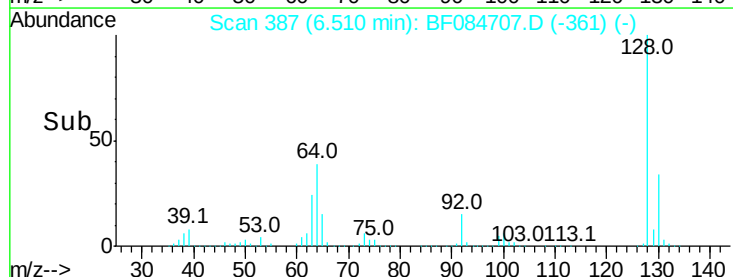
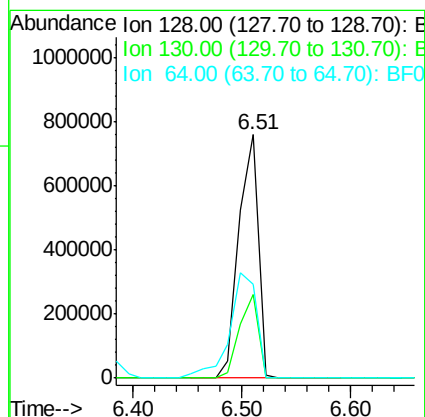
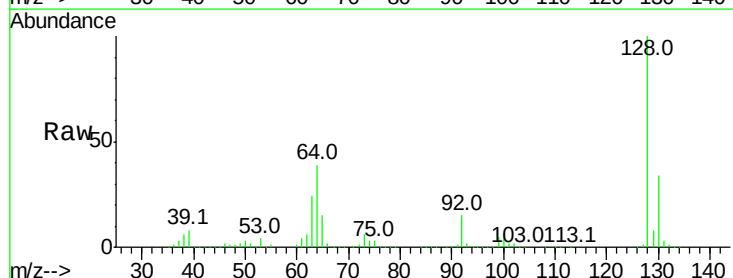
Tgt Ion: 128 Resp: 927730

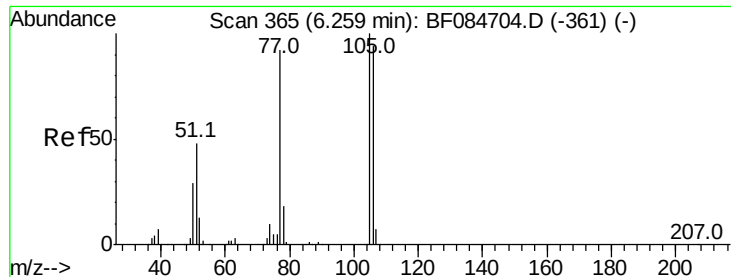
Ion Ratio Lower Upper

128 100

130 34.5 11.6 51.6

64 38.6 23.8 63.8





#9

Benzaldehyde

Concen: 66.04 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084707.D

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BNA_F

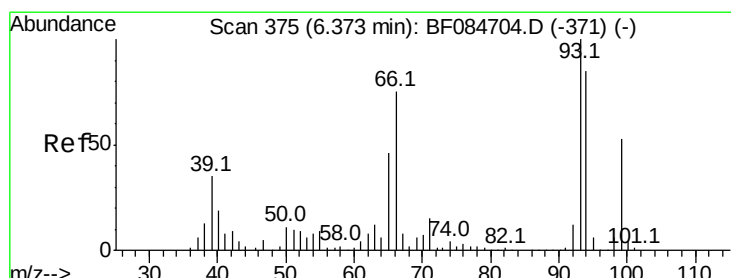
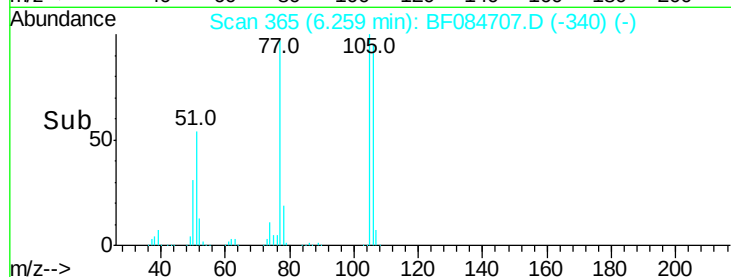
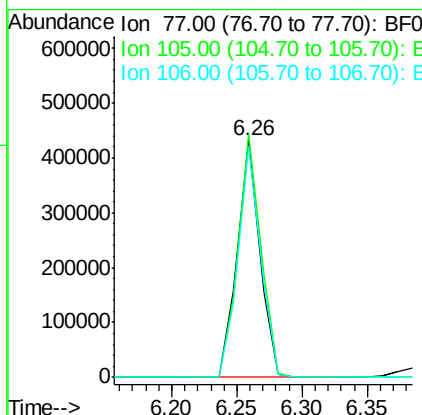
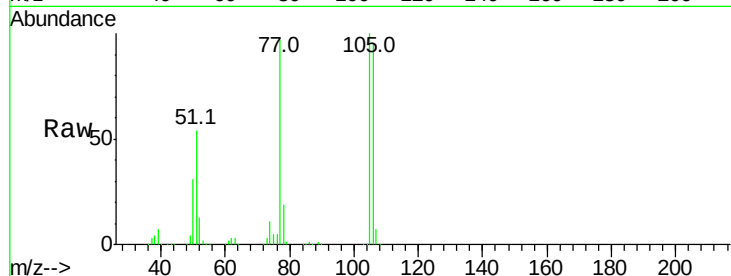
ClientSampleId :

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Tot Ion:	77	Resp:	517838
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.0	123.0
106	97.5	74.6	114.6



#10

Phenol

Concen: 64.84 ng

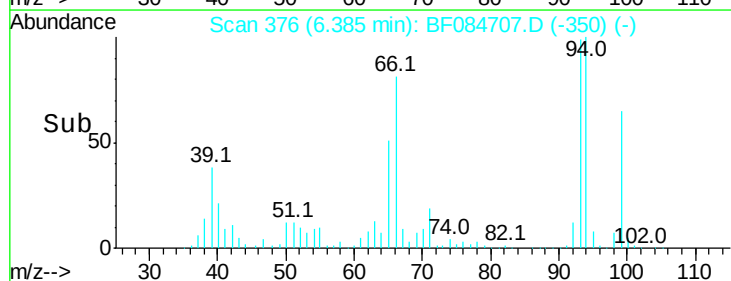
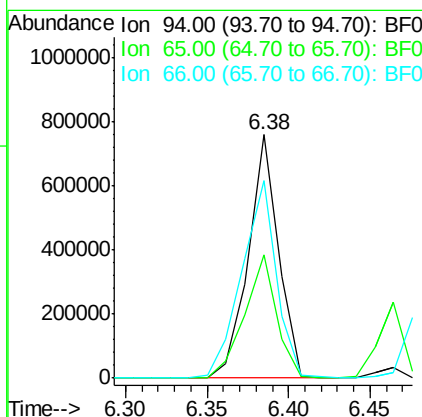
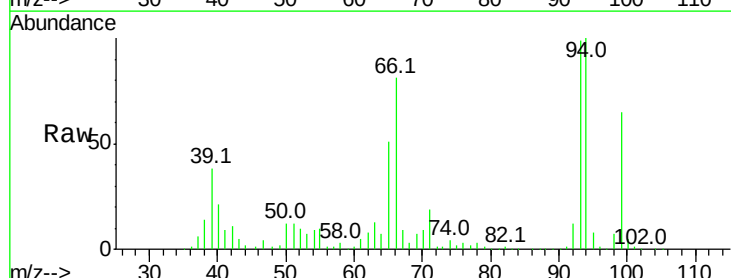
RT: 6.38 min Scan# 376

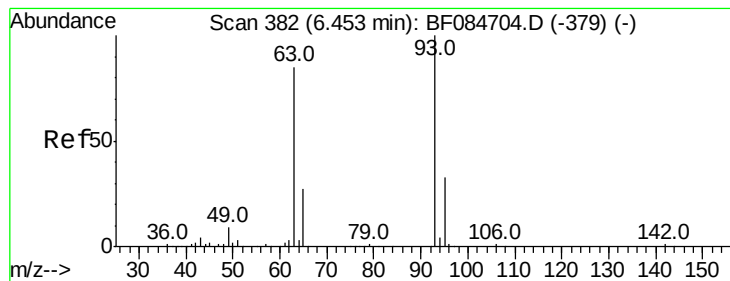
Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:	94	Resp:	978515
Ion	Ratio	Lower	Upper
94	100		
65	50.6	12.9	52.9
66	81.4	32.7	72.7#





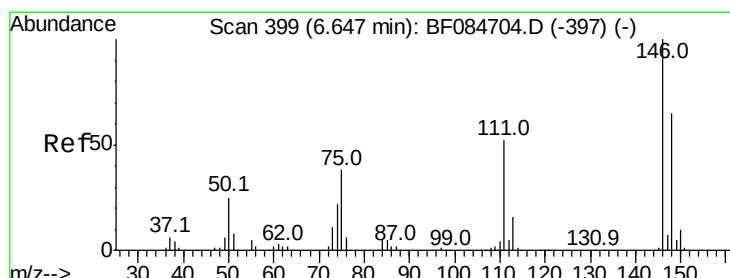
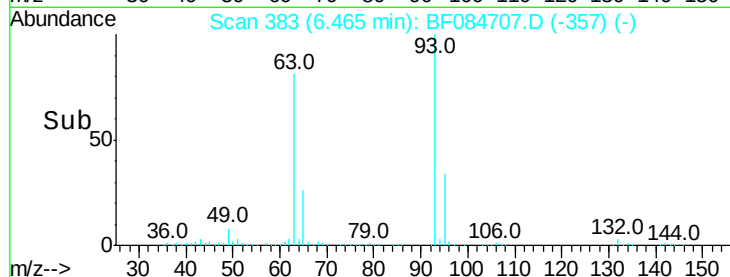
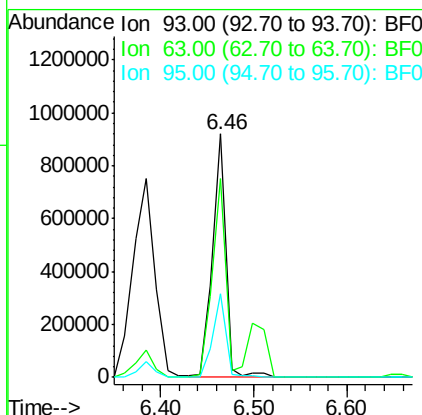
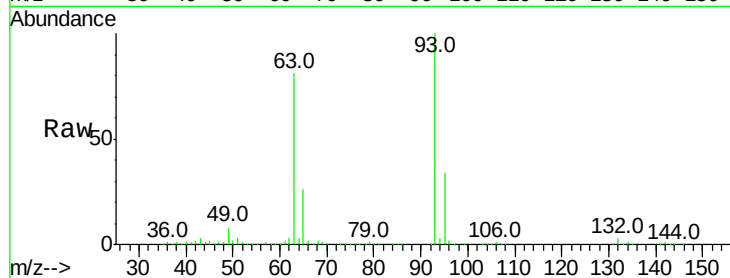
#11
 bis(2-Chloroethyl)ether
 Concen: 78.64 ng
 RT: 6.46 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	45.9	85.9
95	34.1	12.3	52.3

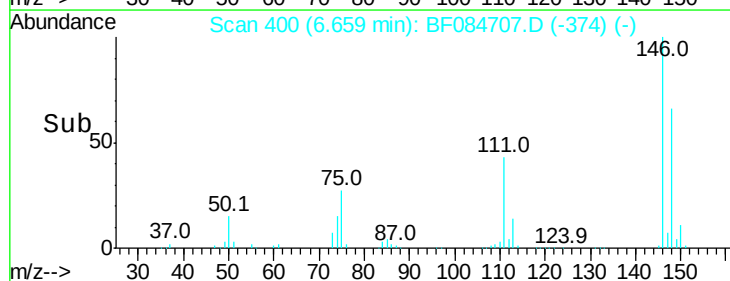
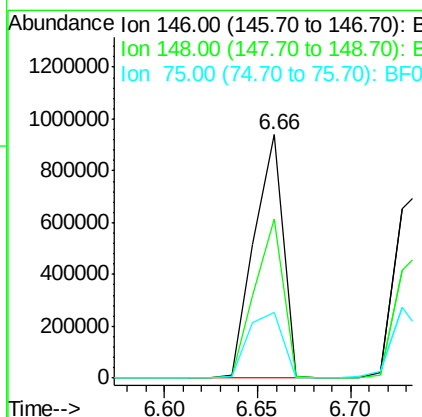
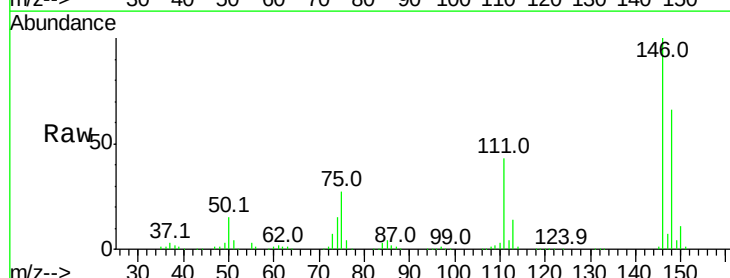
Manual Integrations
 APPROVED

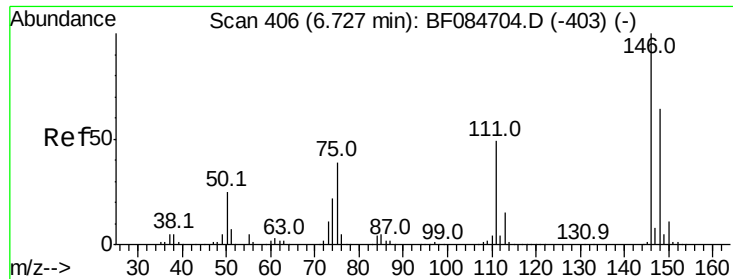
mohammad
 2/2/2016 4:17:34 PM



#12
 1,3-Dichlorobenzene
 Concen: 75.46 ng
 RT: 6.66 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
75	26.8	20.5	30.7





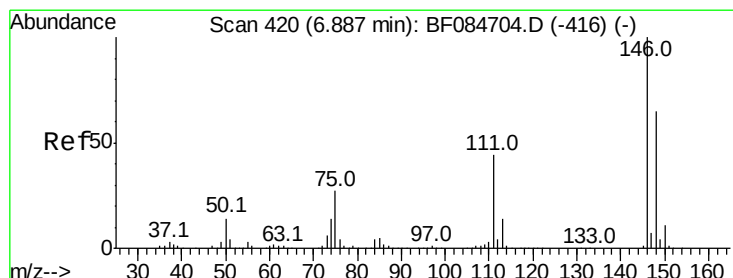
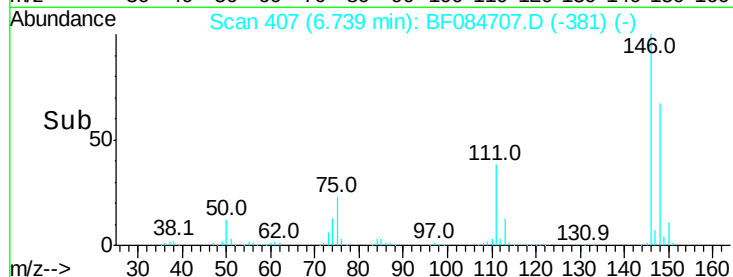
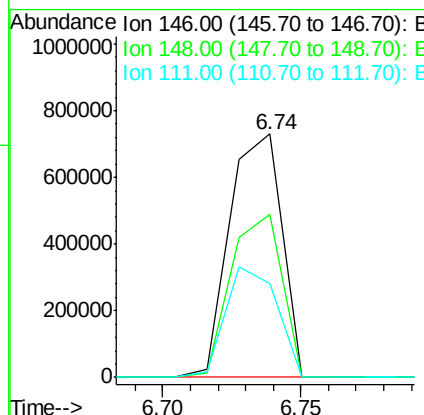
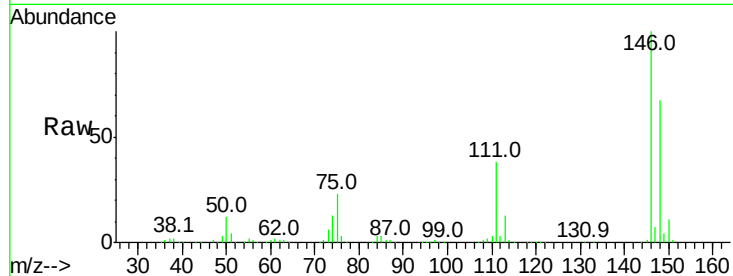
#13
 1,4-Dichlorobenzene
 Concen: 73.34 ng/ml
 RT: 6.74 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
111	38.4	41.6	62.4

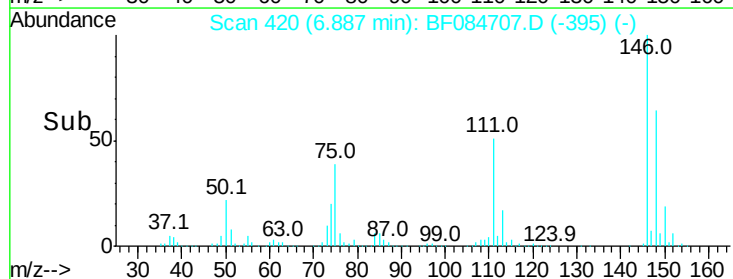
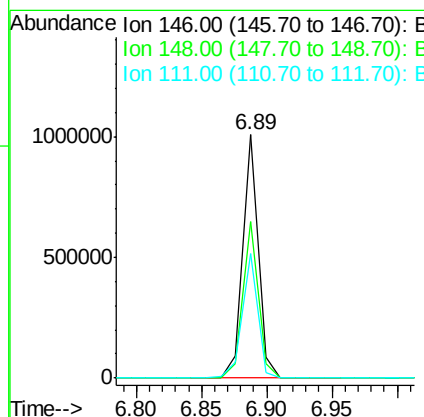
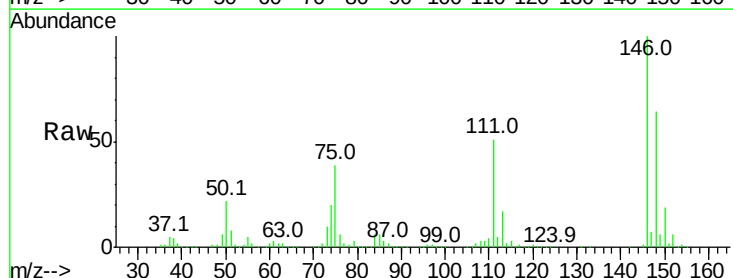
Manual Integrations
 APPROVED

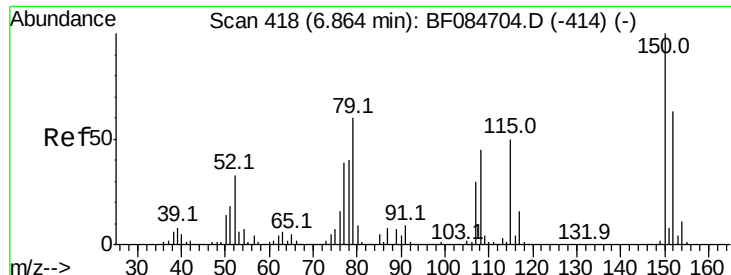
mohammad
 2/2/2016 4:17:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 67.41 ng/ml
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	51.2	38.0	57.0





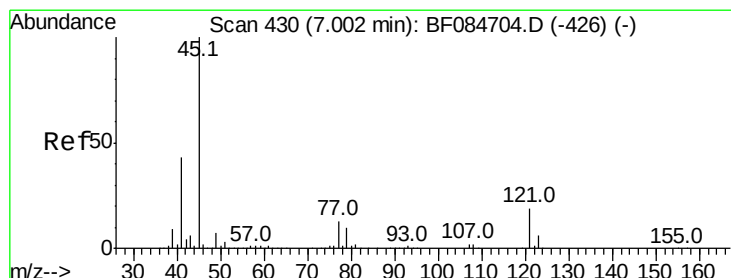
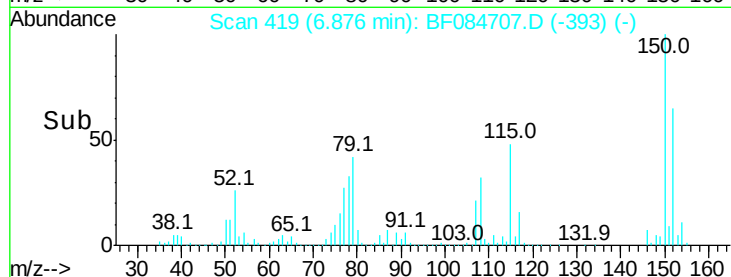
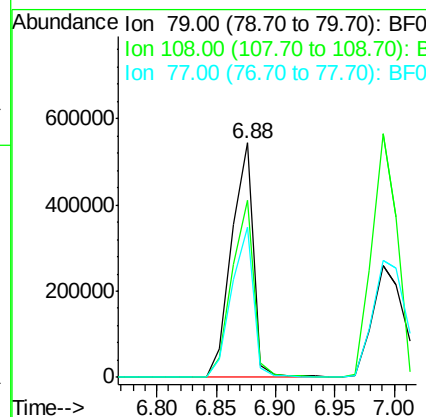
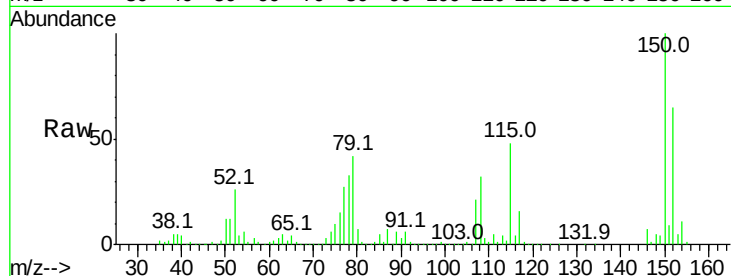
#15
Benzyl Alcohol
Concen: 75.44 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	69.0	103.4
77	64.3	50.0	75.0

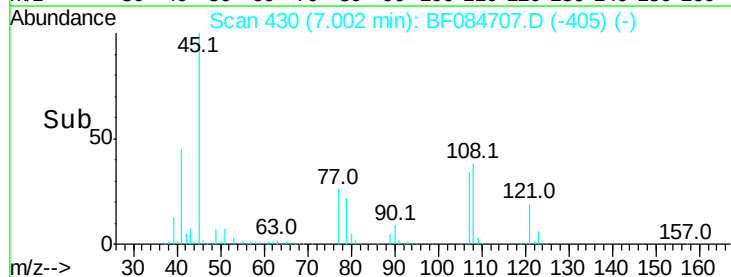
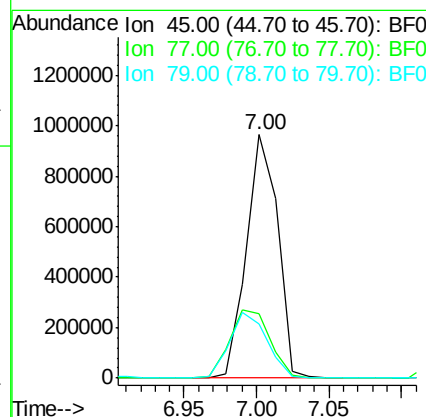
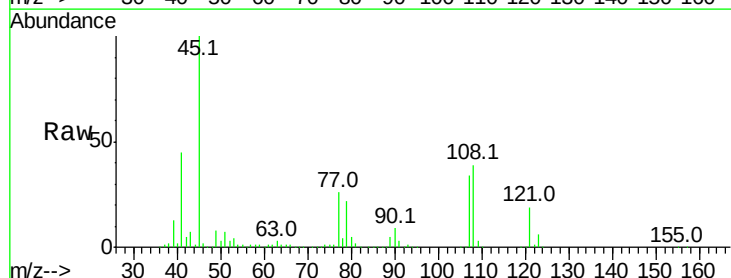
Manual Integrations
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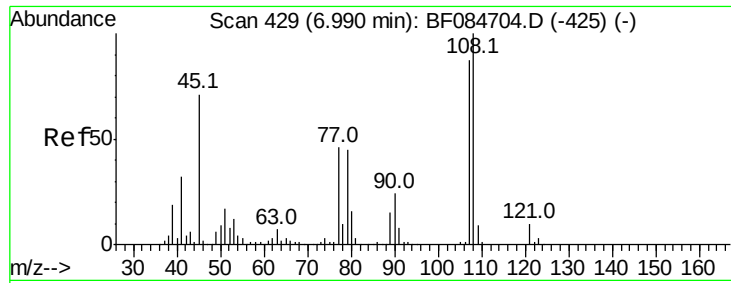
mohammad
2/2/2016 4:17:34 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.71 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.3	0.0	39.6
79	22.3	0.0	35.0





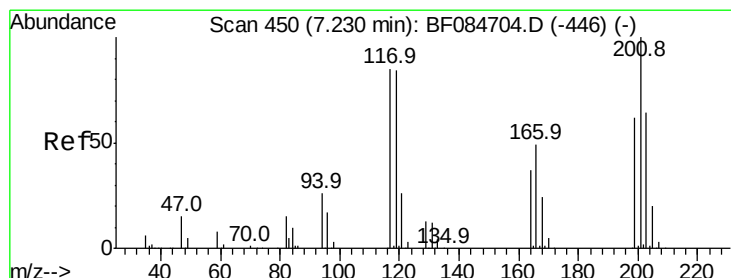
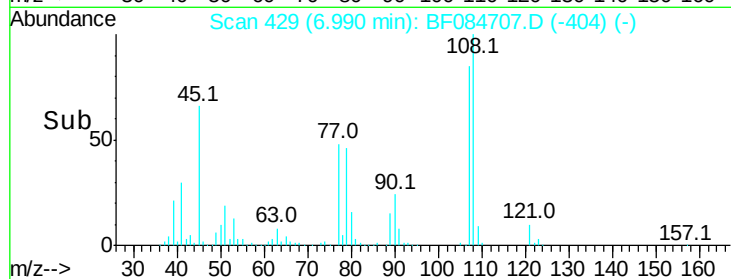
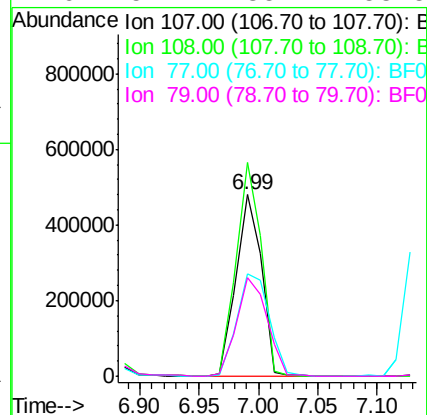
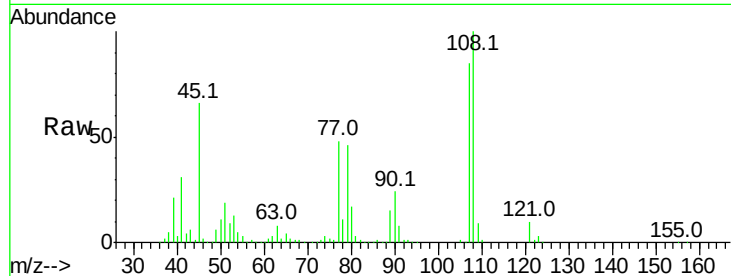
#17
2-Methylphenol
Concen: 73.47 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.6	89.8	134.6	
77	56.5	35.7	53.5#	
79	54.1	35.7	53.5#	

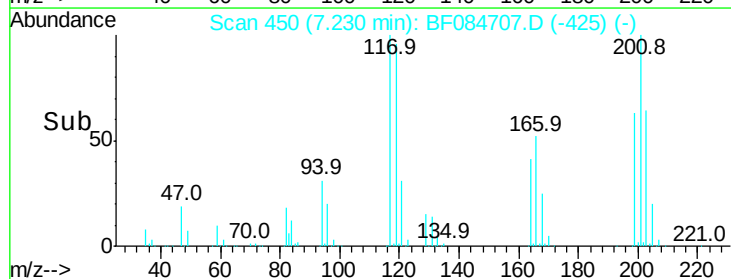
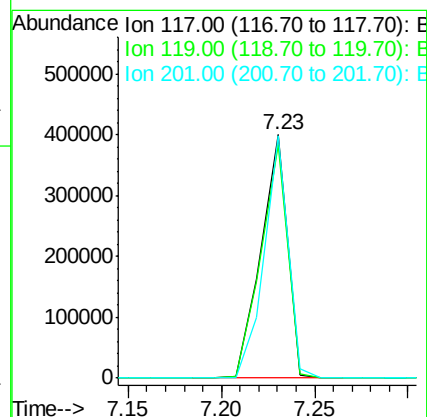
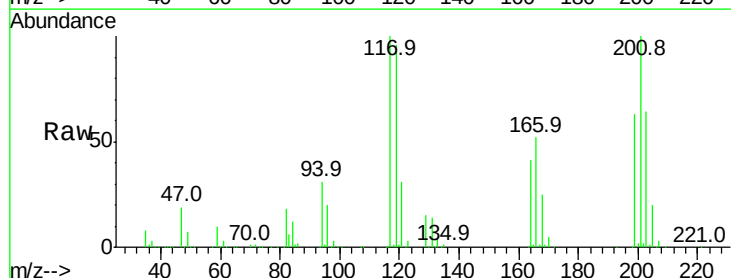
Manual Integrations
APPROVED

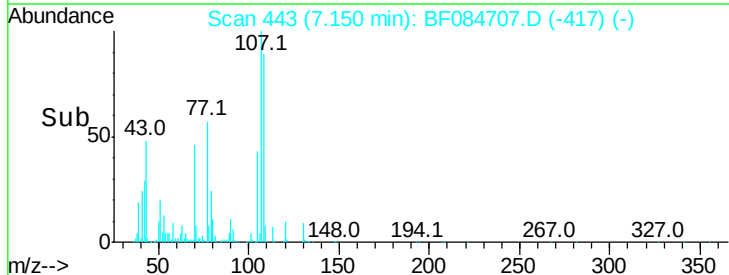
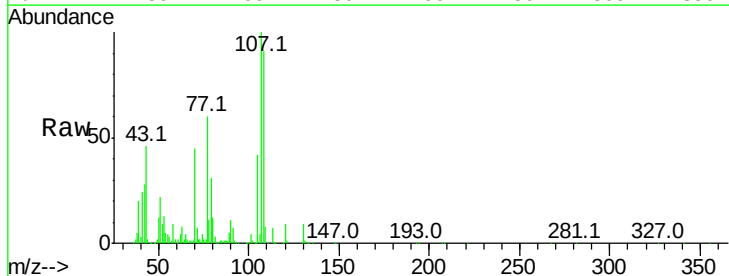
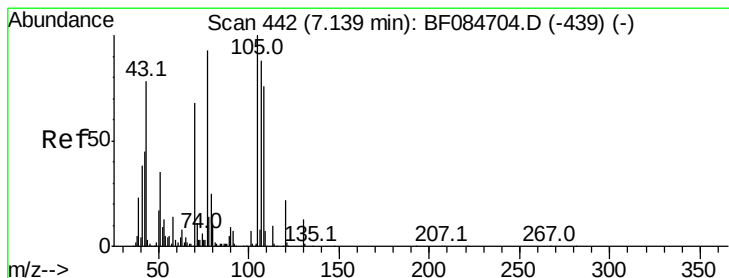
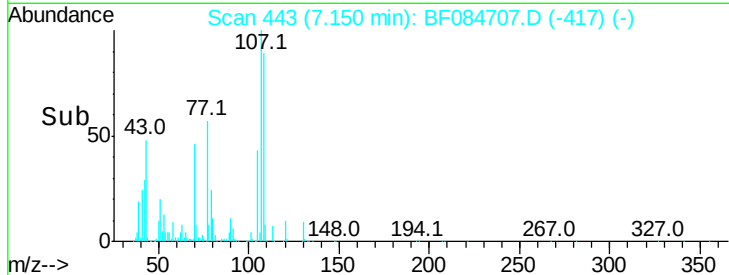
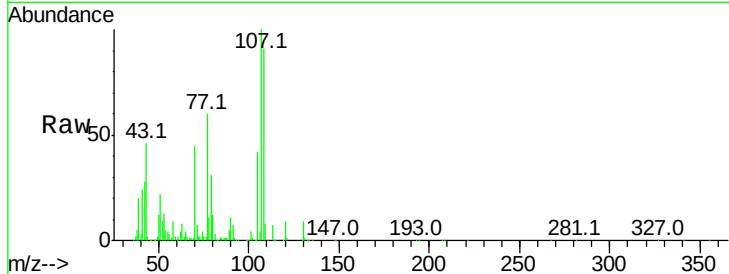
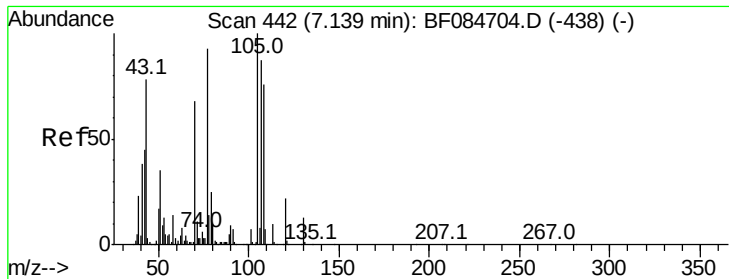
mohammad
2/2/2016 4:17:34 PM



#18
Hexachloroethane
Concen: 76.06 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.4	116.0	
201	99.5	68.6	103.0	





#19

n-Nitroso-di-n-propylamine

Concen: 76.41 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 70 Resp: 631955

Ion Ratio Lower Upper

70 100

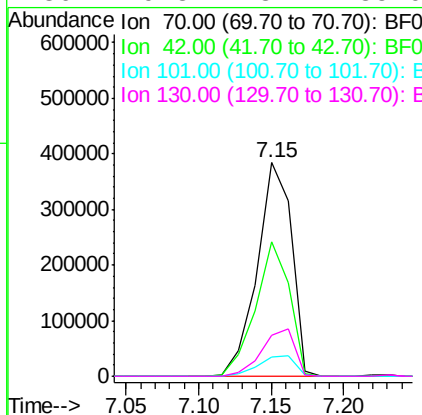
42 63.1 33.3 49.9#

101 8.8 9.3 13.9#

130 19.3 23.4 35.0#

Manual Integrations
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mohammad
2/2/2016 4:17:34 PM



#20

3+4-Methylphenols

Concen: 64.94 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:107 Resp: 765556

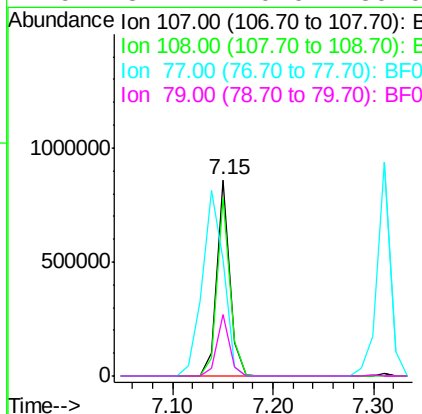
Ion Ratio Lower Upper

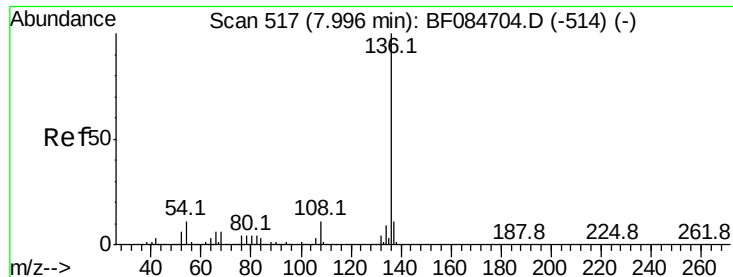
107 100

108 91.2 74.6 114.6

77 59.6 0.7 40.7#

79 31.1 0.0 39.0





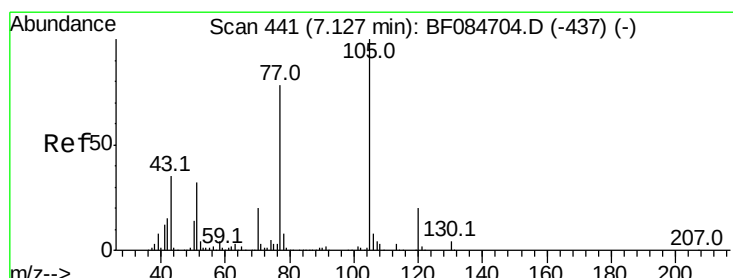
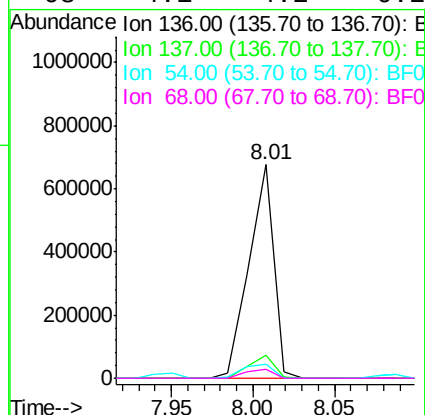
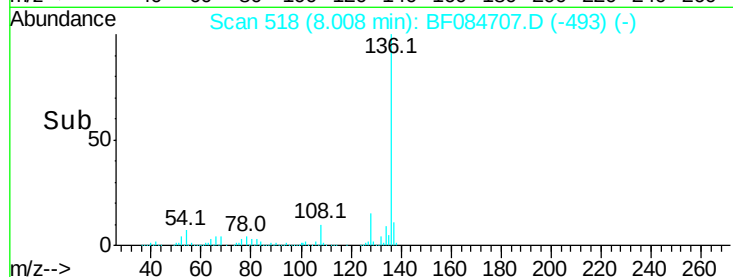
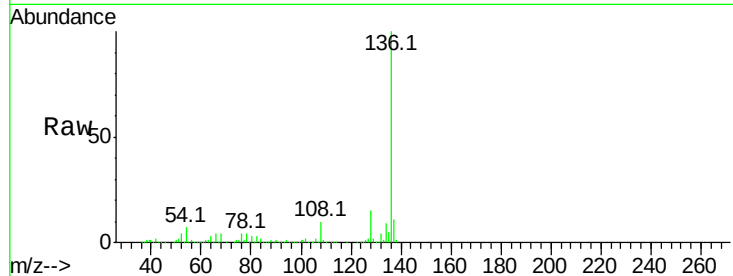
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.6	5.8	8.8
68	4.1	4.2	6.2#

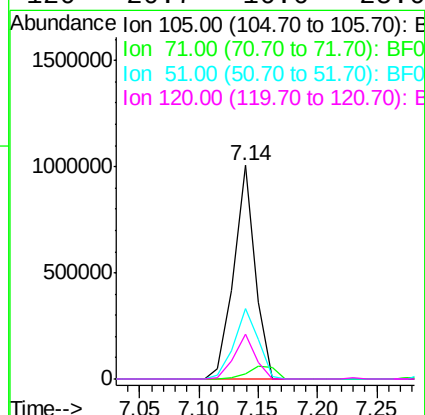
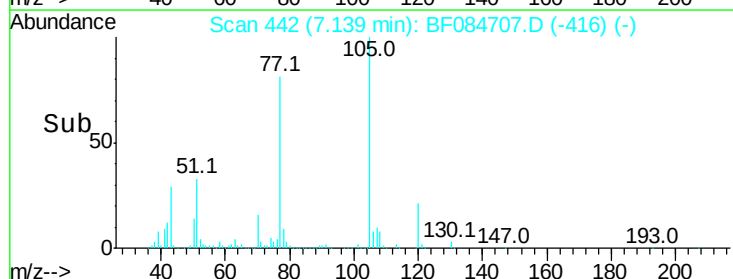
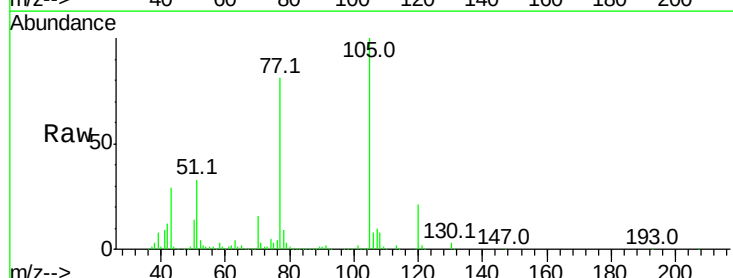
Manual Integrations
APPROVED

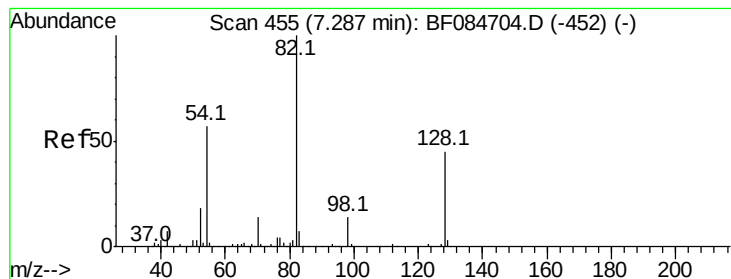
mohammad
2/2/2016 4:17:34 PM



#22
Acetophenone
Concen: 67.59 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.6	3.7	5.5#
51	33.0	25.1	37.7
120	20.7	16.6	25.0





#23

Nitrobenzene-d5

Concen: 149.72 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 1912342

Ion Ratio Lower Upper

82 100

128 47.2 34.6 51.8

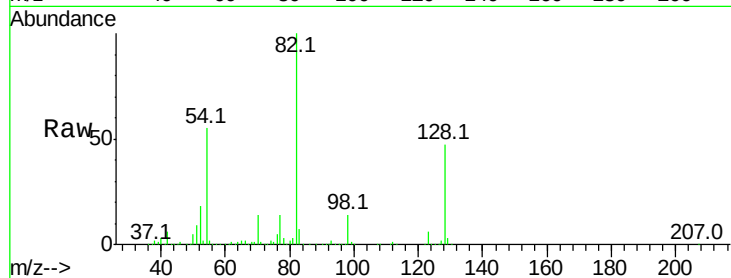
54 54.7 38.4 57.6

Manual Integrations

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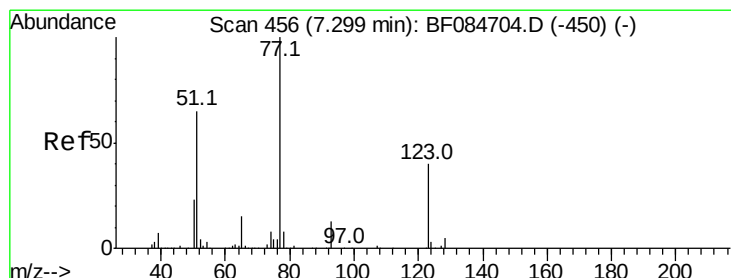
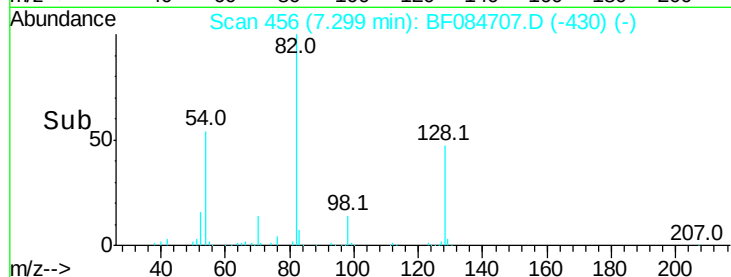
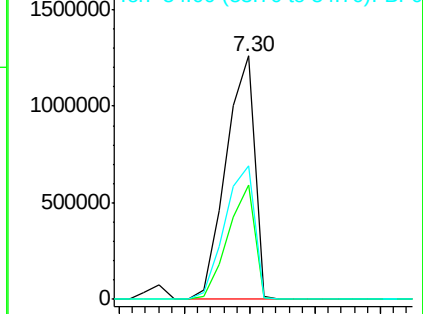
2/2/2016 4:17:34 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 63.78 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

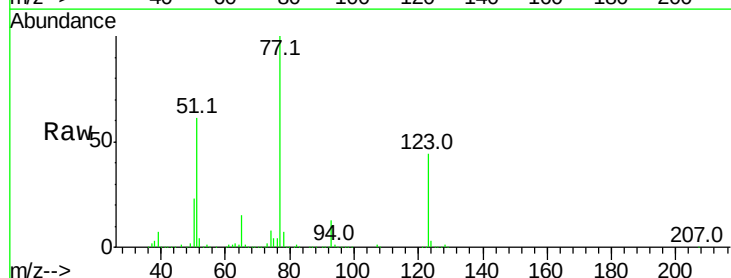
Tgt Ion: 77 Resp: 865896

Ion Ratio Lower Upper

77 100

123 44.5 37.4 56.2

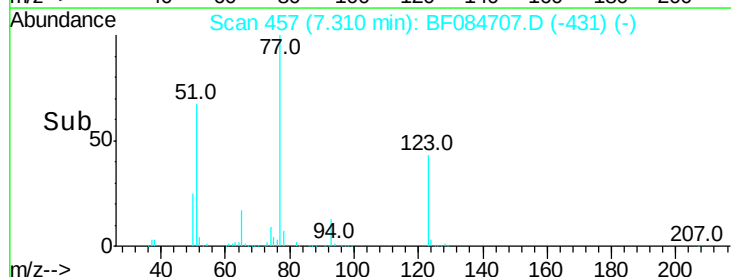
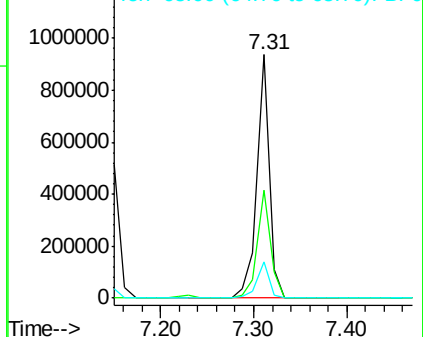
65 15.1 10.9 16.3

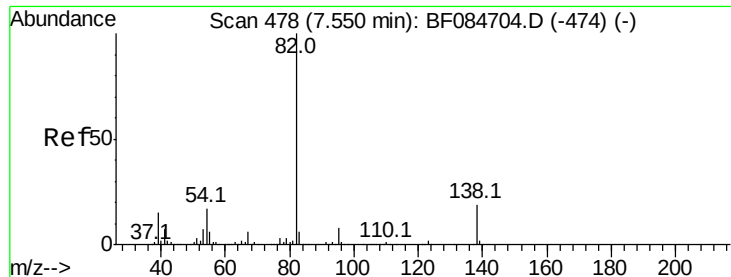


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 75.44 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1805360

Ion Ratio Lower Upper

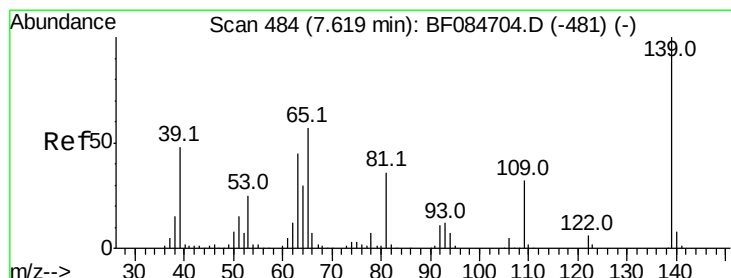
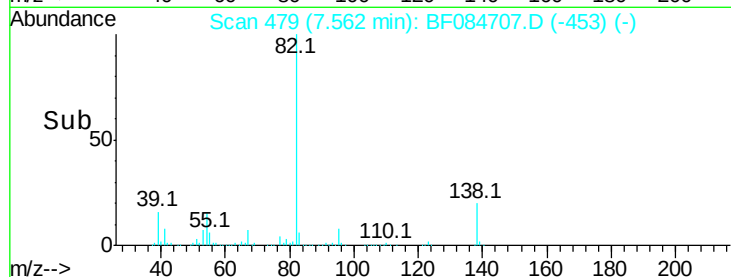
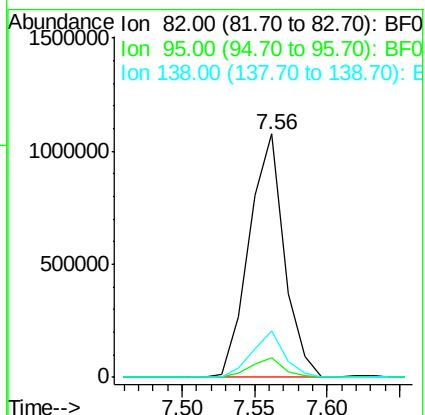
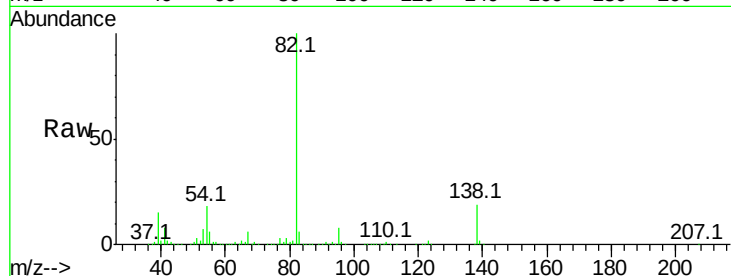
82 100

95 7.8 6.6 10.0

138 19.4 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 81.96 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

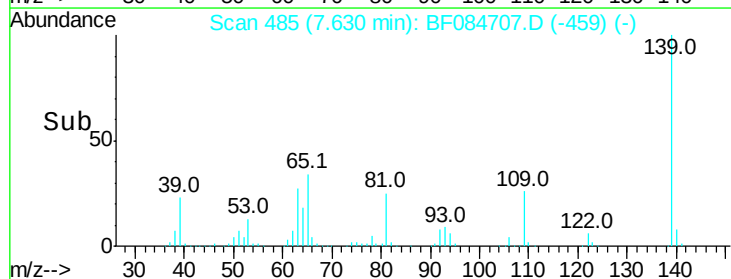
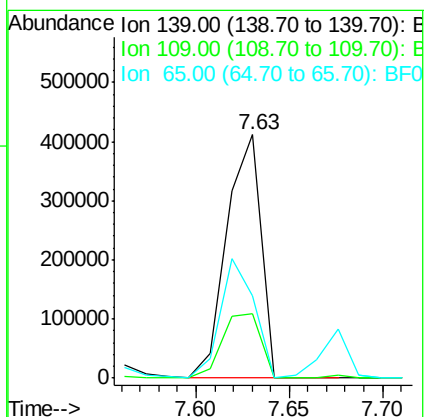
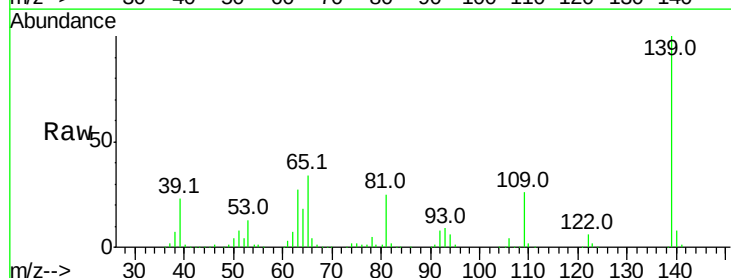
Tgt Ion: 139 Resp: 529112

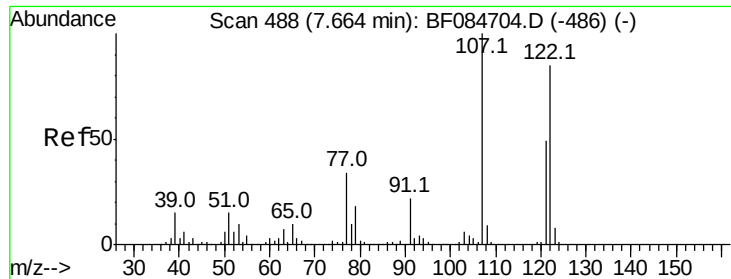
Ion Ratio Lower Upper

139 100

109 26.4 25.4 38.2

65 33.7 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 70.52 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

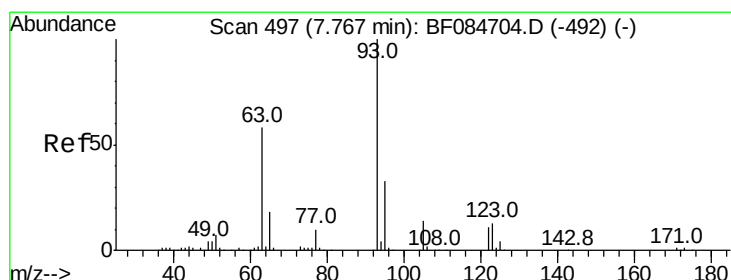
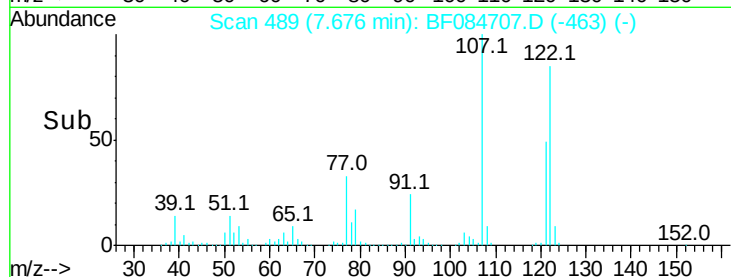
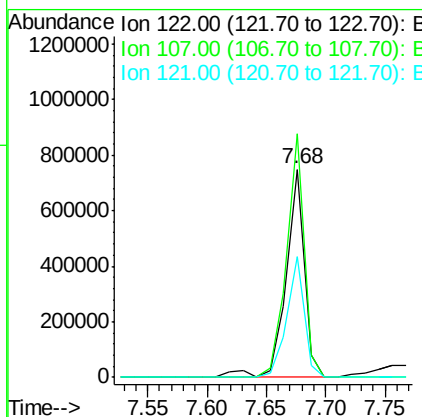
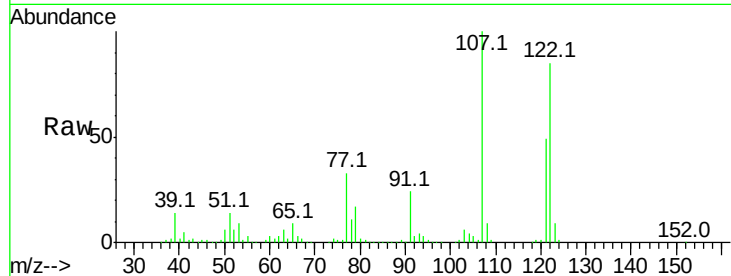
ClientSampleId :

SSTDICC080

Tot Ion:	122	Resp:	797755
Ion Ratio	Lower	Upper	
122	100		
107	117.0	99.1	148.7
121	57.8	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 71.14 ng

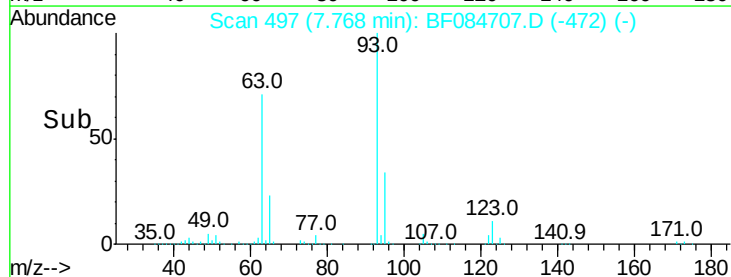
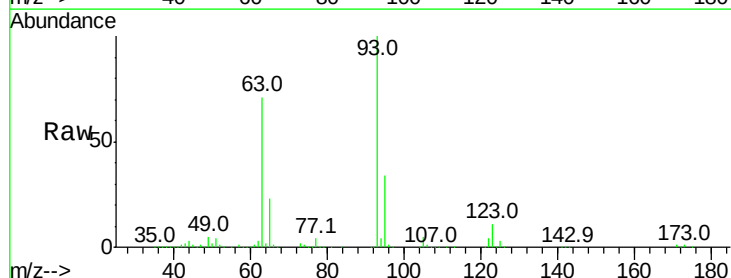
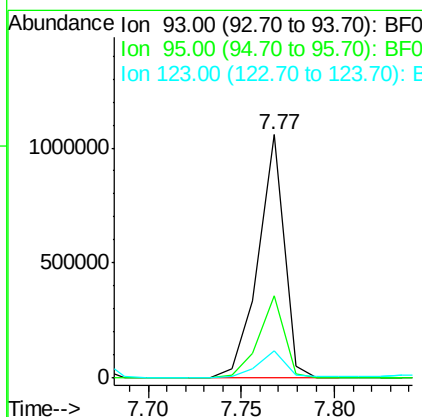
RT: 7.77 min Scan# 497

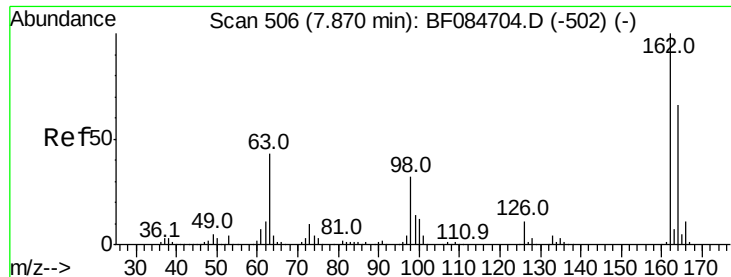
Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:	93	Resp:	1021723
Ion Ratio	Lower	Upper	
93	100		
95	33.7	25.8	38.6
123	11.0	8.6	12.8





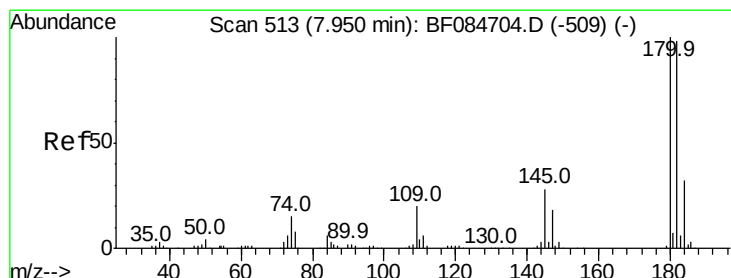
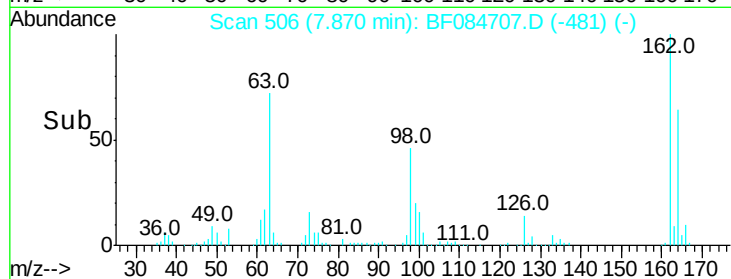
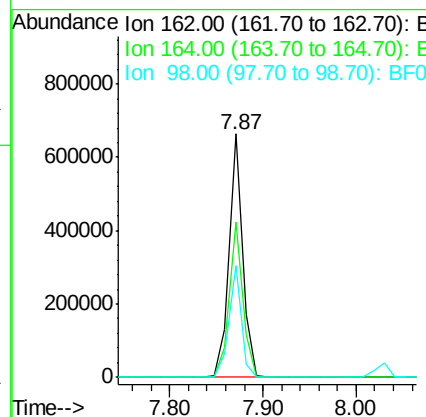
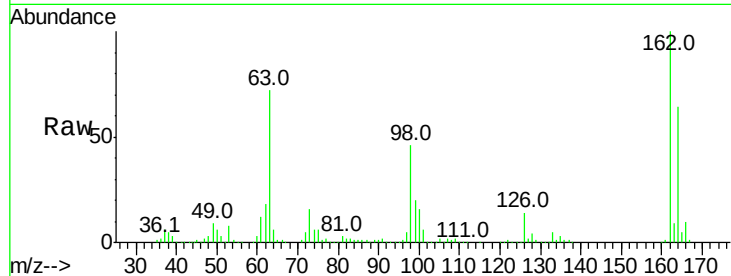
#29
 2,4-Dichlorophenol
 Concen: 67.73 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	44.1	84.1
98	45.9	20.2	60.2

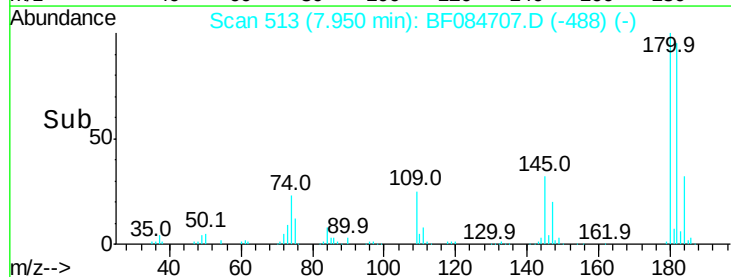
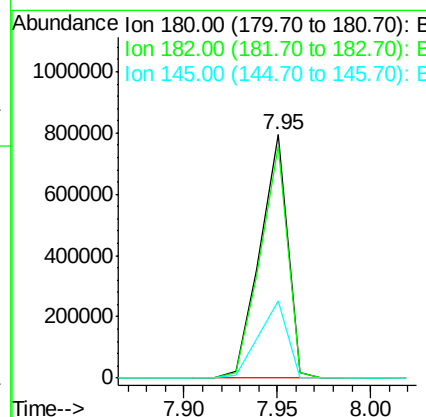
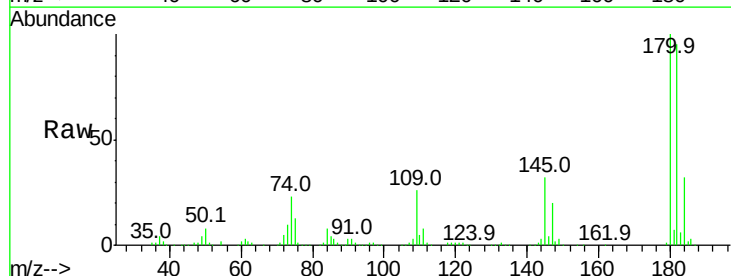
Manual Integrations
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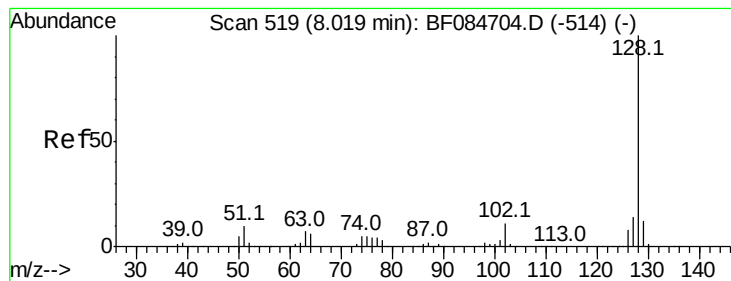
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 71.95 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	76.4	114.6
145	31.7	31.6	47.4





#31

Naphthalene

Concen: 71.99 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 2594191

Ion Ratio Lower Upper

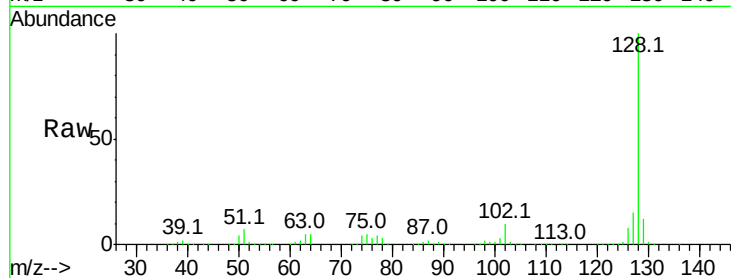
128 100

129 12.3 9.1 13.7

127 14.8 11.1 16.7

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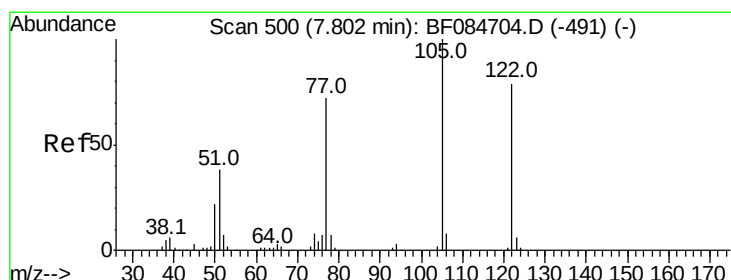
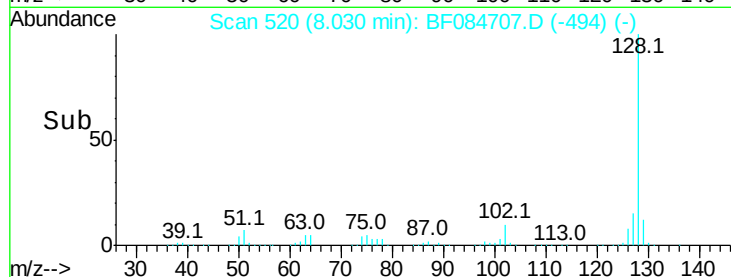
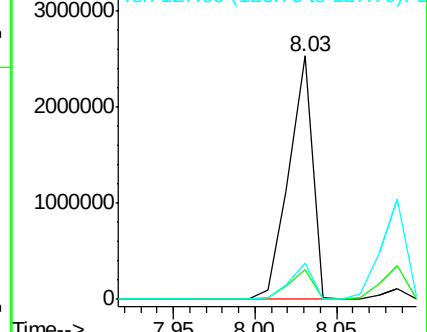
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 75.31 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.03 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

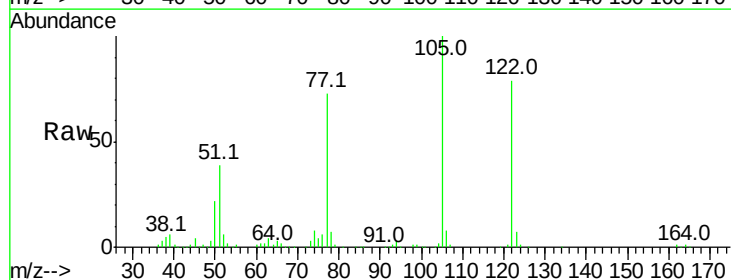
Tgt Ion:122 Resp: 654027

Ion Ratio Lower Upper

122 100

105 126.1 100.3 140.3

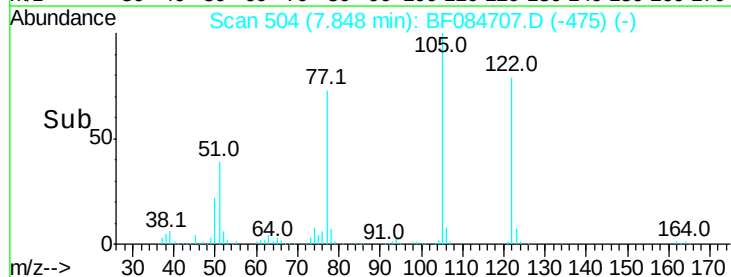
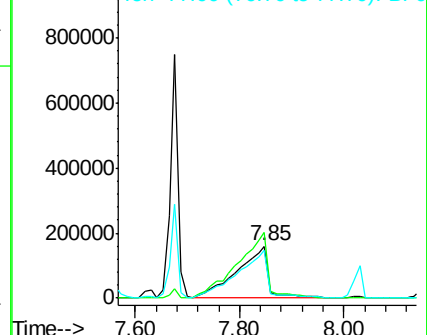
77 91.7 63.5 103.5

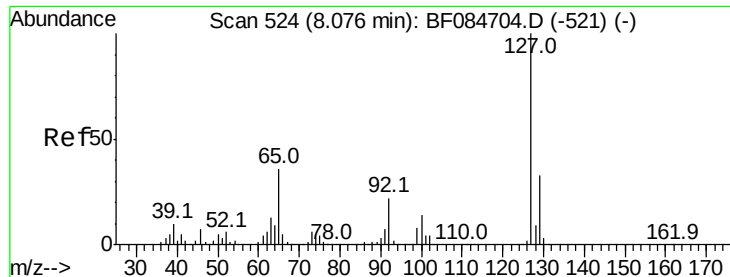


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 75.70 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

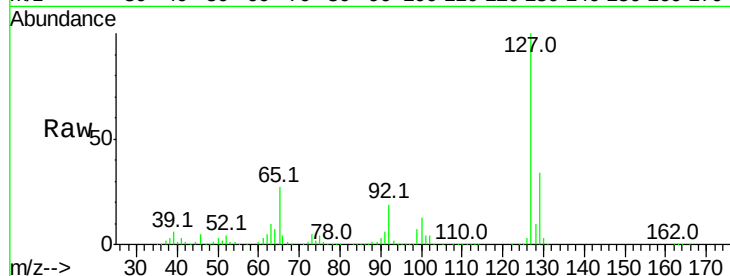
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.5	39.7
65	27.2	27.2	40.8
92	19.0	17.7	26.5

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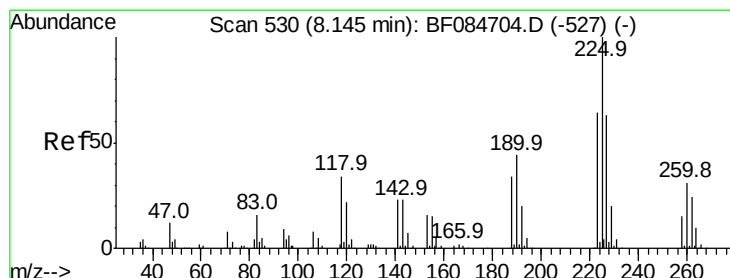
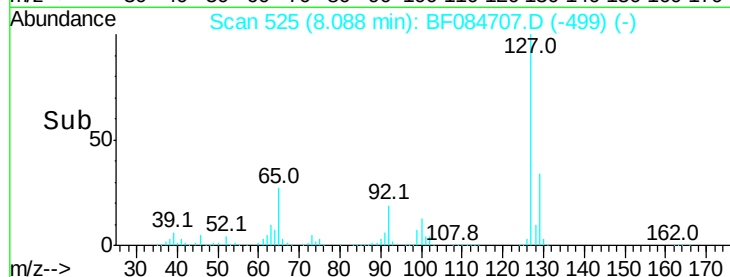
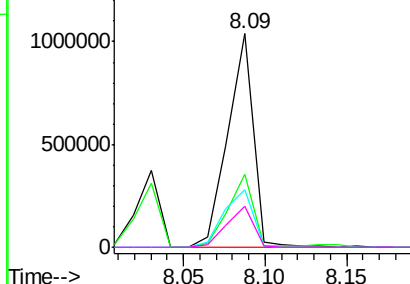


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 65.23 ng

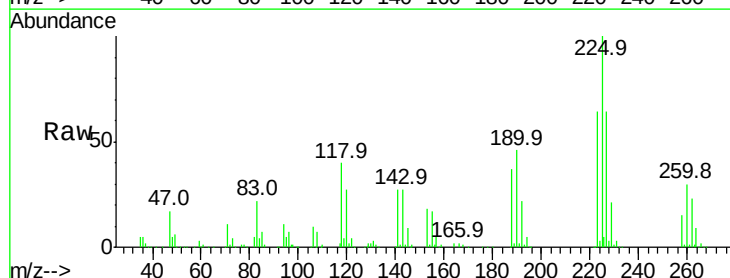
RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

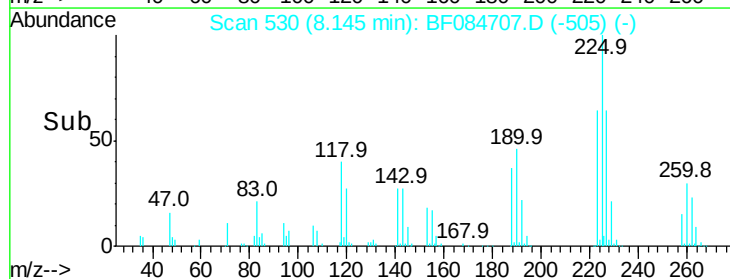
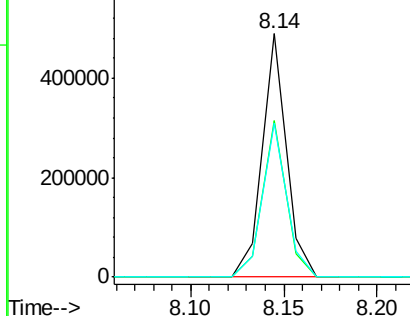
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	63.5	50.8	76.2

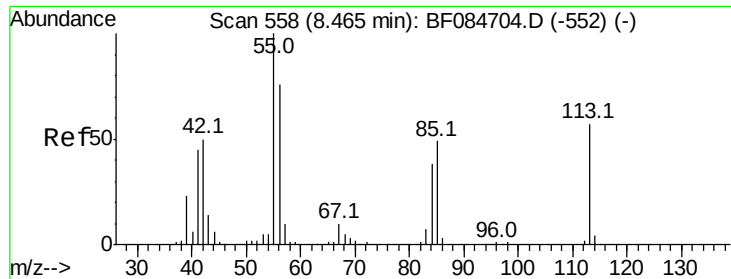


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 79.75 ng

RT: 8.49 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

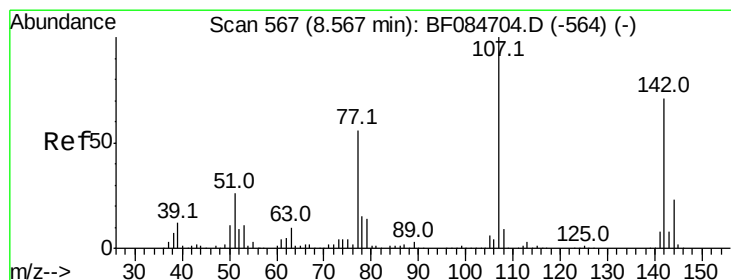
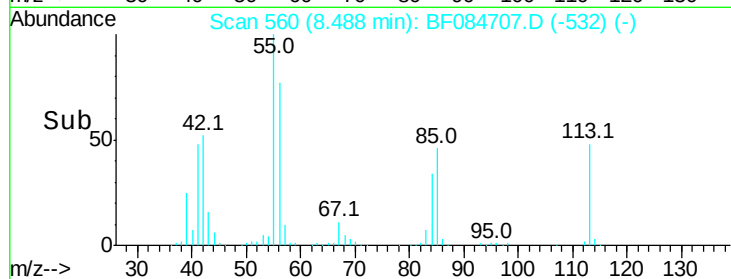
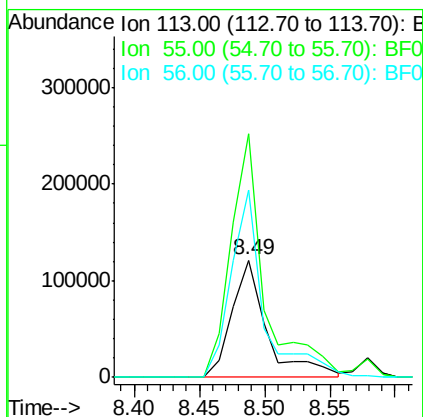
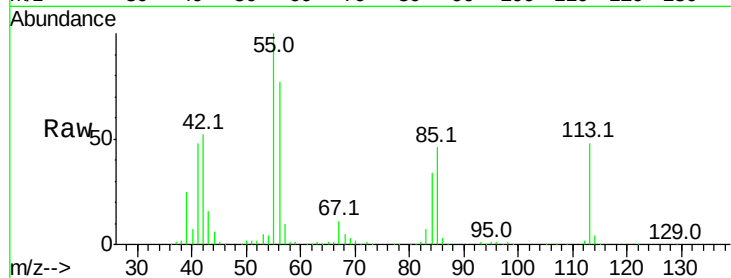
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	226450
Ion Ratio	Lower	Upper	
113	100		
55	207.4	116.9	156.9#
56	159.3	93.8	133.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 68.99 ng

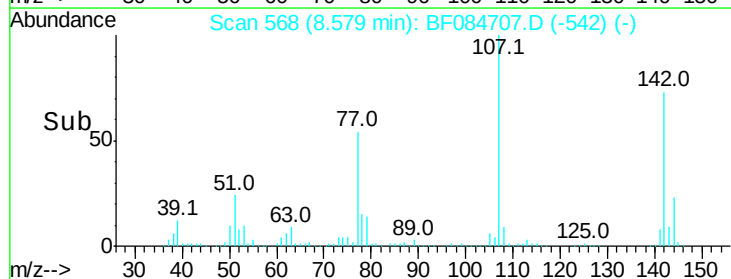
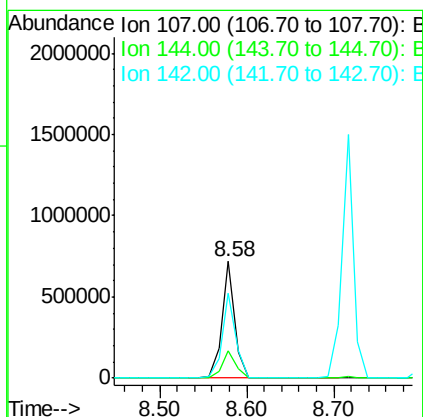
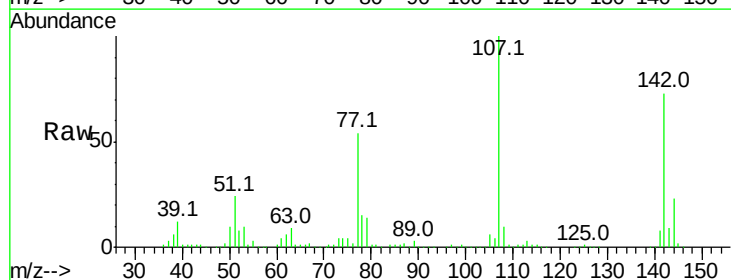
RT: 8.58 min Scan# 568

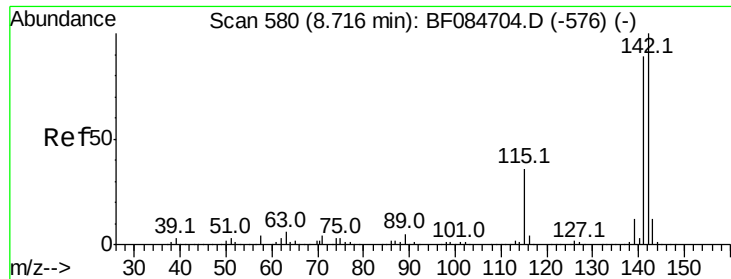
Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:	107	Resp:	751641
Ion Ratio	Lower	Upper	
107	100		
144	23.2	19.7	29.5
142	72.7	61.8	92.6





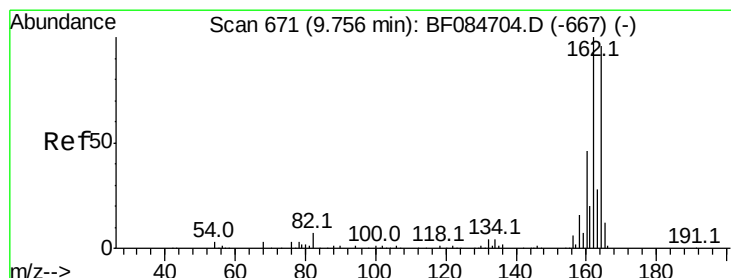
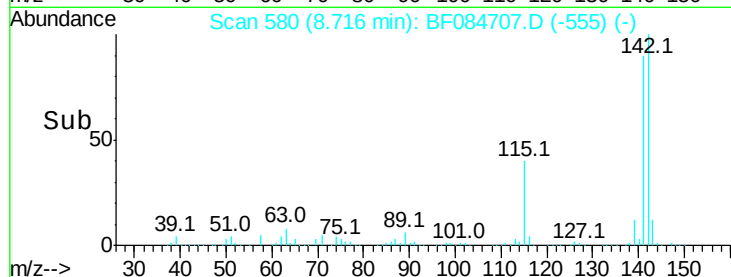
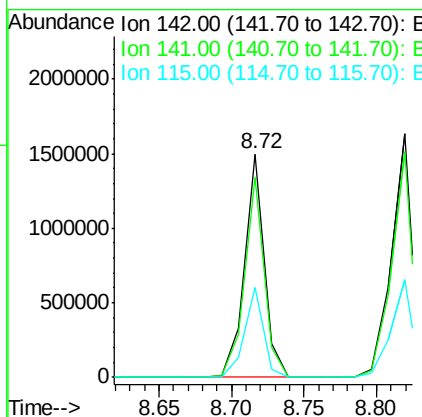
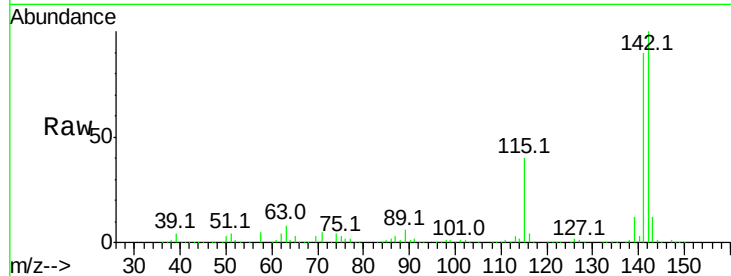
#37
2-Methylnaphthalene
Concen: 64.05 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.4	108.6
115	40.3	27.9	41.9

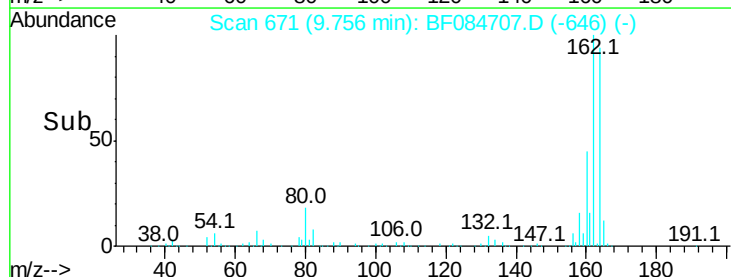
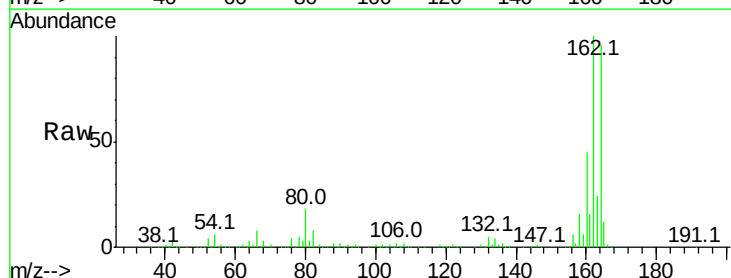
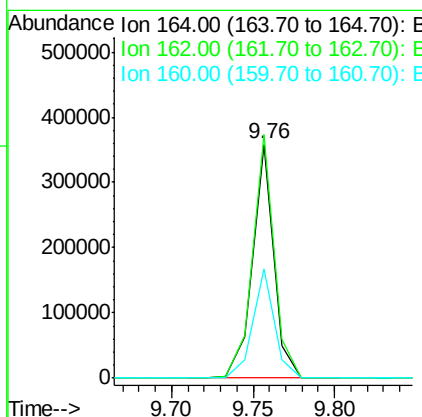
Manual Integrations
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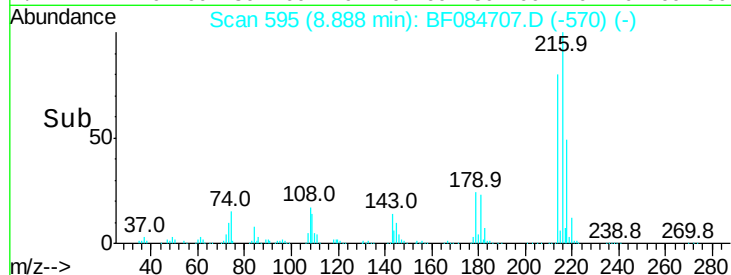
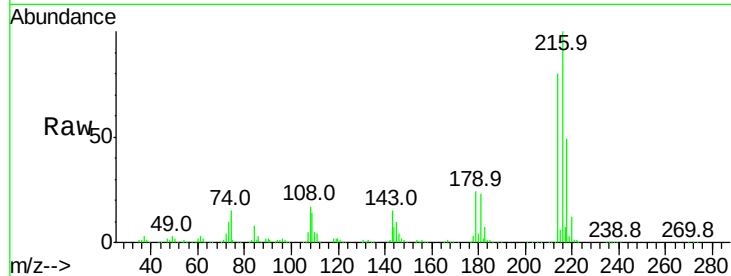
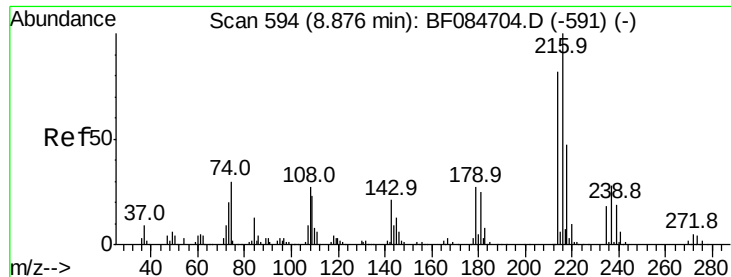
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	46.6	37.5	56.3





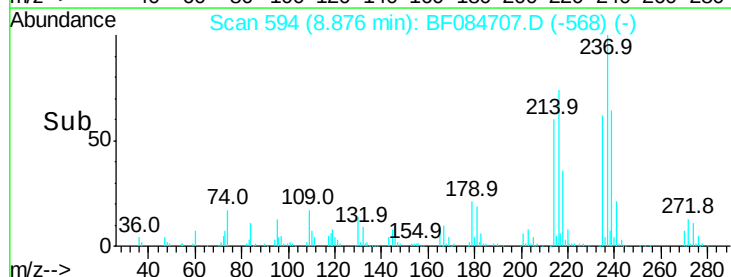
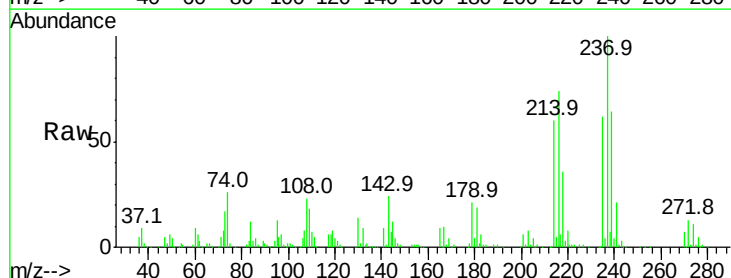
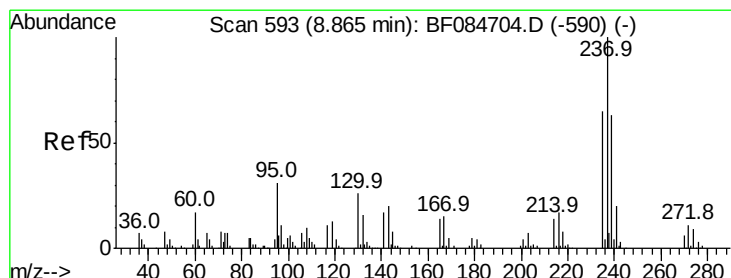
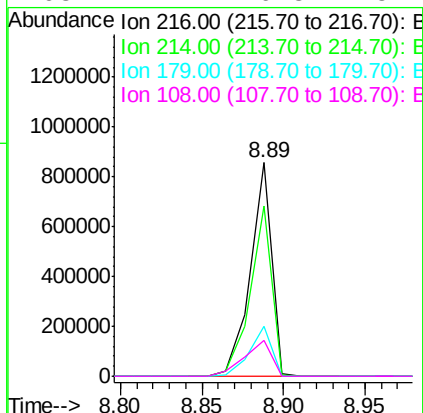
#39
1,2,4,5-Tetrachlorobenzene
Concen: 73.80 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	64.2	96.2
179	24.6	18.7	28.1
108	21.2	16.8	25.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

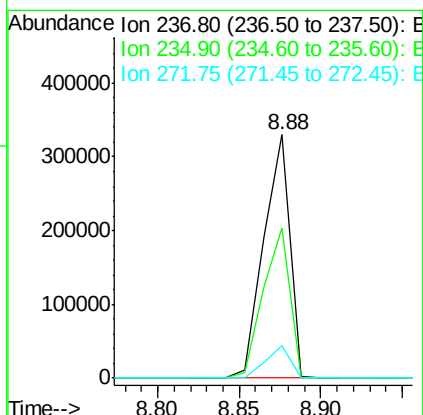
Manual Integrations
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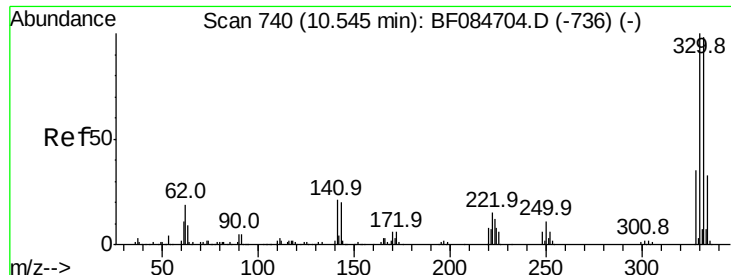
mohammad
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#40
Hexachlorocyclopentadiene
Concen: 76.57 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	43.1	83.1
272	13.5	0.0	35.1





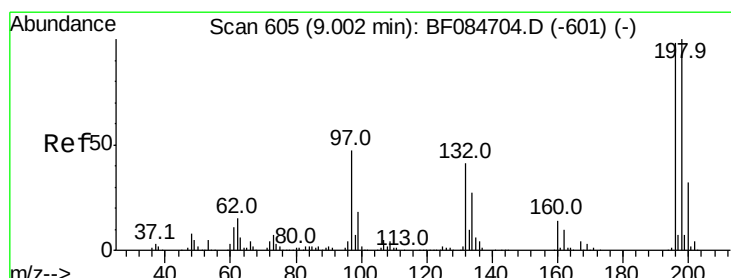
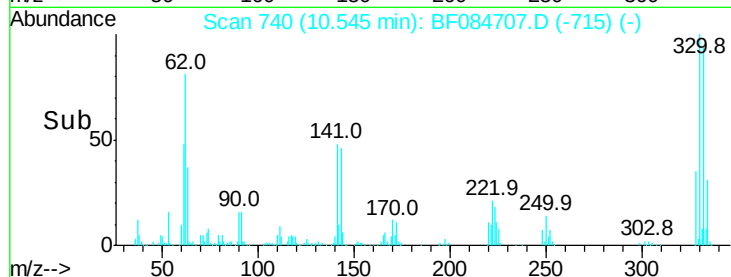
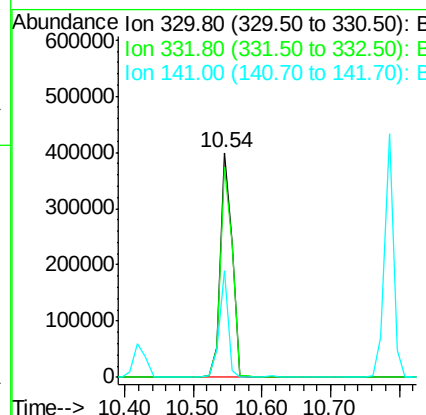
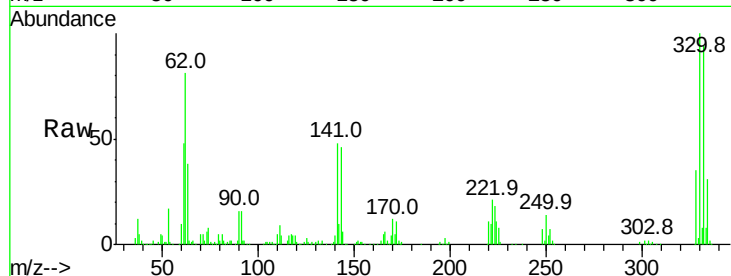
#41
 2,4,6-Tribromophenol
 Concen: 142.22 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	484670		
332	95.6	76.6	114.8	
141	36.3	27.8	41.6	

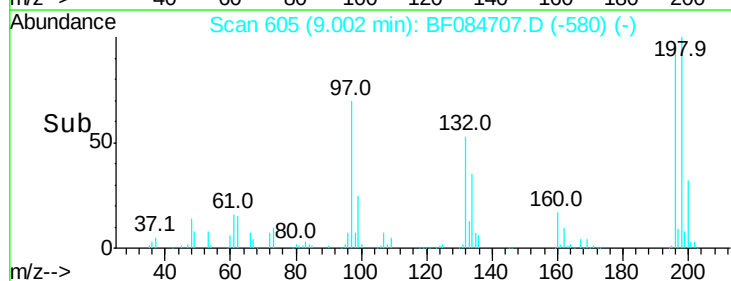
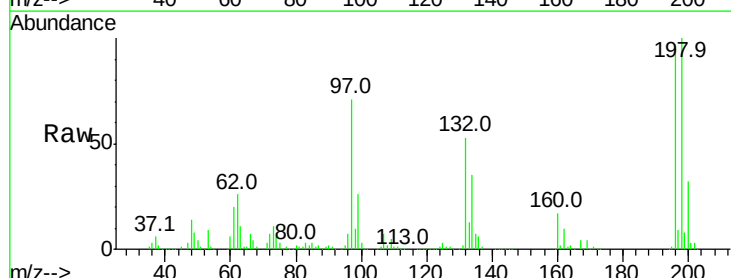
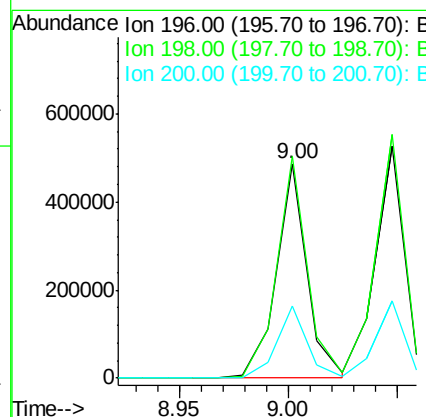
Manual Integrations
 APPROVED

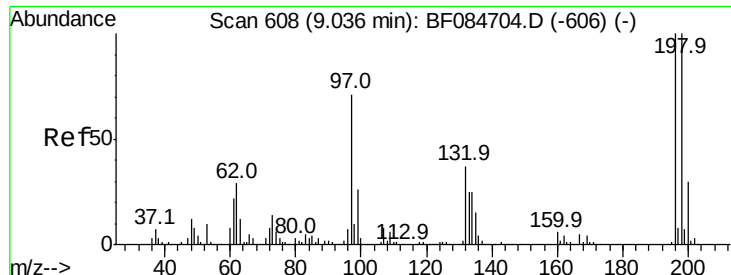
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#42
 2,4,6-Trichlorophenol
 Concen: 73.84 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	483677		
198	103.2	77.7	116.5	
200	33.4	24.6	37.0	





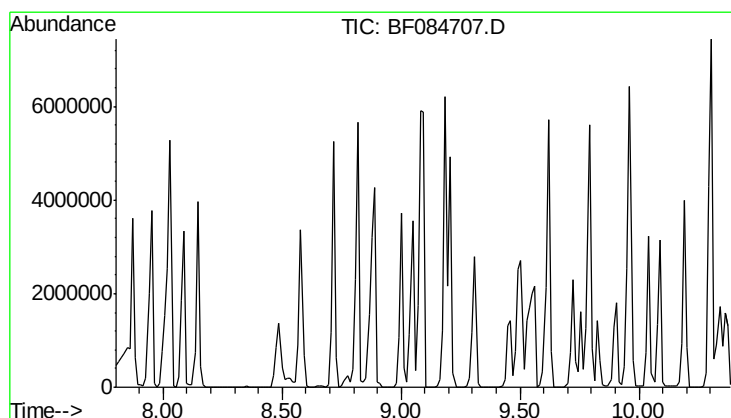
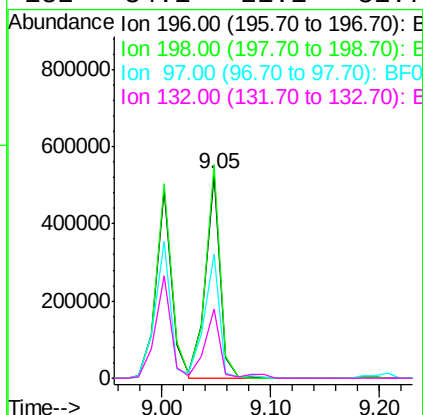
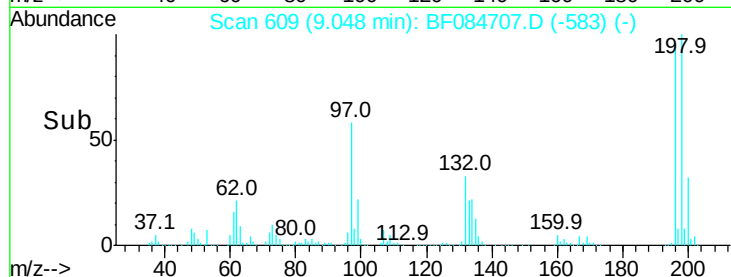
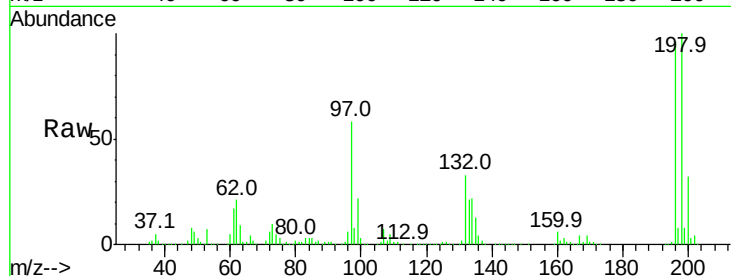
#43
 2,4,5-Trichlorophenol
 Concen: 73.28 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Resp	Lower	Upper
196	100			
198	104.7	79.0	118.6	
97	61.1	33.0	49.6#	
132	34.1	21.1	31.7#	

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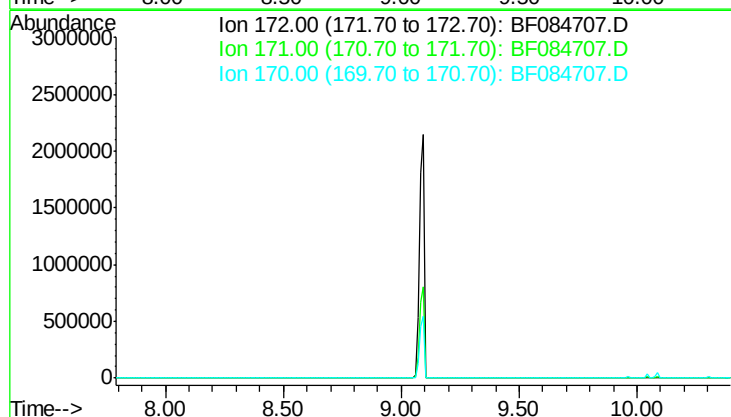
mohammad
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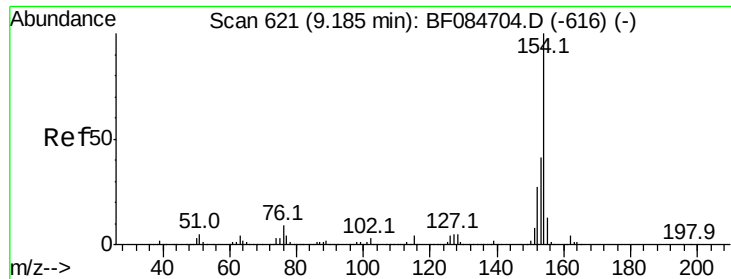


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.09 min

Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Exp Ratio
172	100
171	36.1
170	23.2





#45

1,1'-Biphenyl

Concen: 60.78 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1811405

Ion Ratio Lower Upper

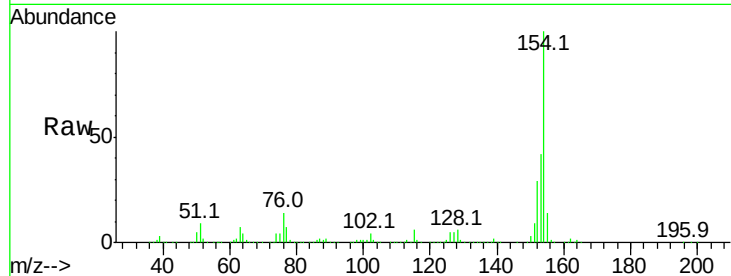
154 100

153 42.5 21.6 61.6

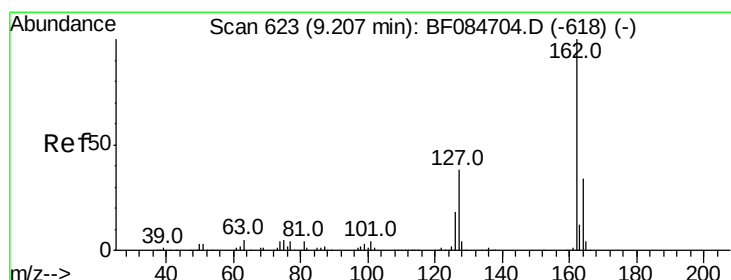
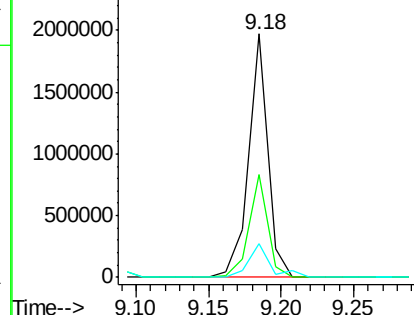
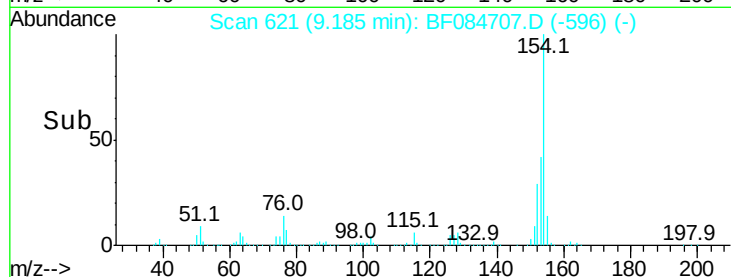
76 13.7 0.0 32.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 65.97 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

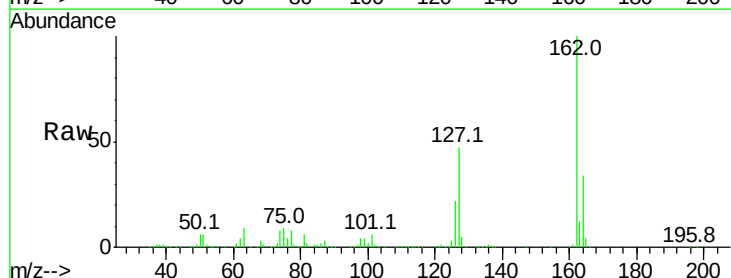
Tgt Ion:162 Resp: 1434321

Ion Ratio Lower Upper

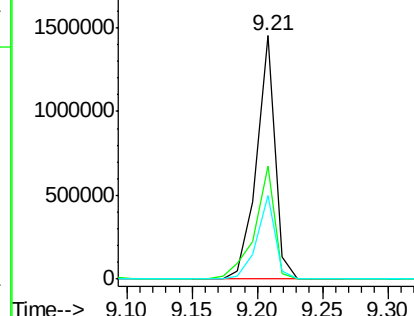
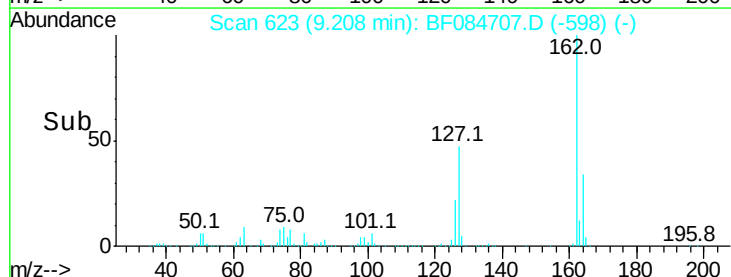
162 100

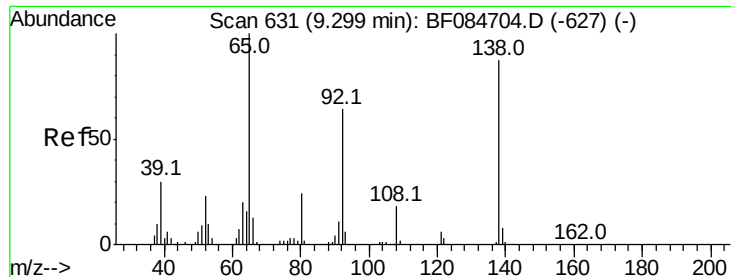
127 46.5 40.2 60.4

164 34.4 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 81.76 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

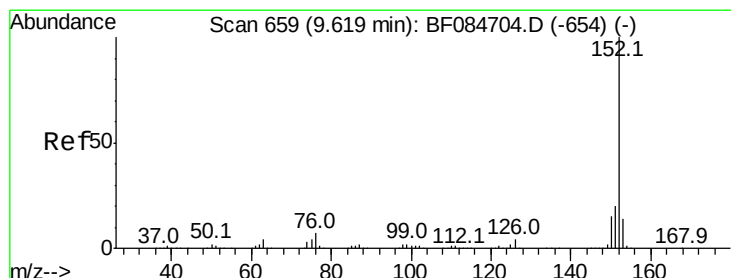
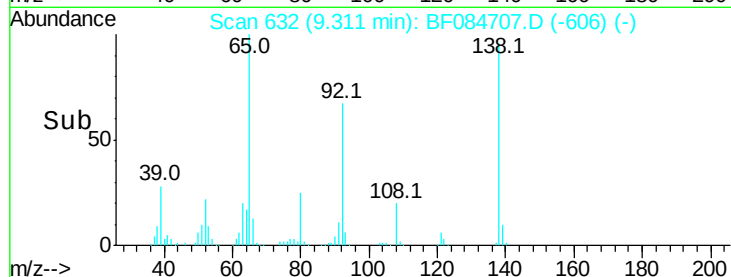
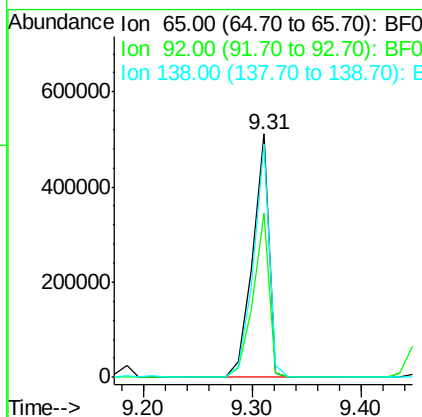
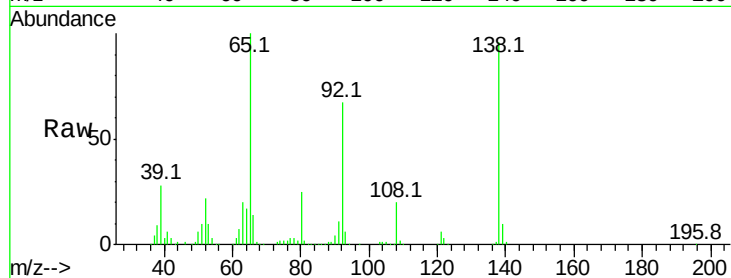
ClientSampleId :

SSTDIC080

Tot Ion:	65	Resp:	533888
Ion Ratio	Lower	Upper	
65	100		
92	67.3	53.4	80.2
138	95.9	71.1	106.7

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#48

Acenaphthylene

Concen: 61.49 ng

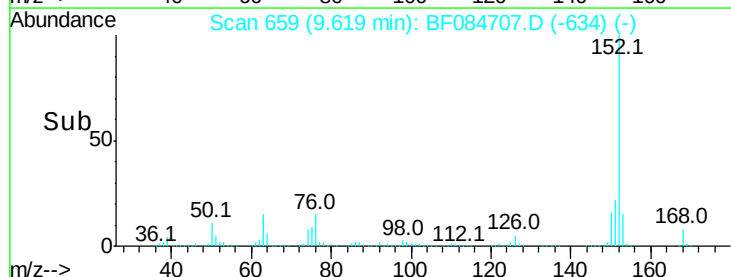
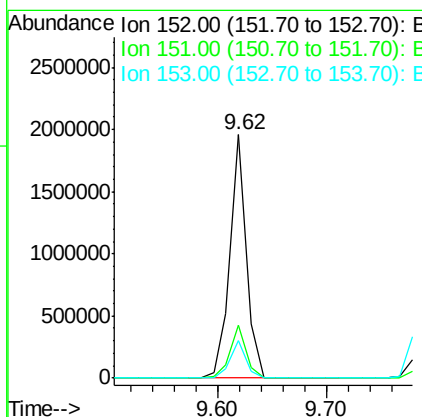
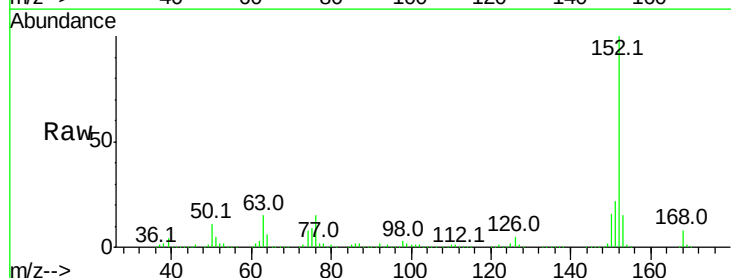
RT: 9.62 min Scan# 659

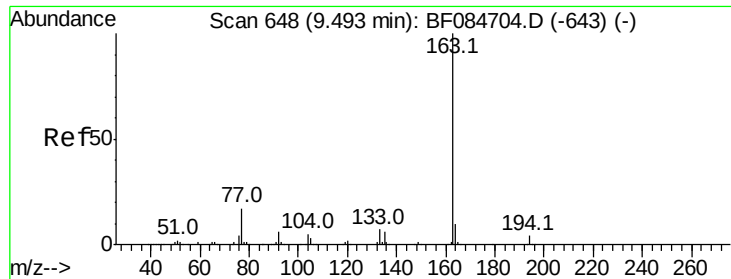
Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:	152	Resp:	2025640
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.3	24.5
153	15.4	10.4	15.6





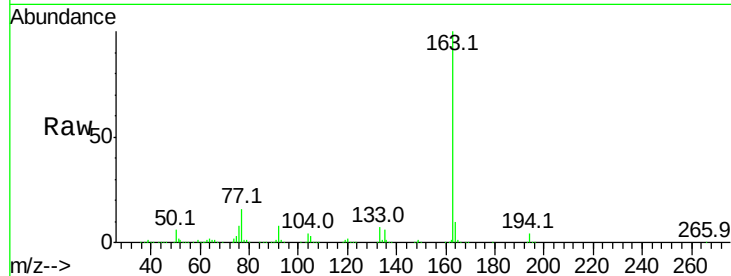
#49
Dimethylphthalate
Concen: 77.35 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

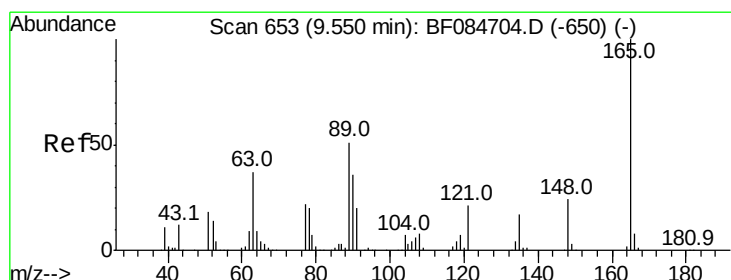
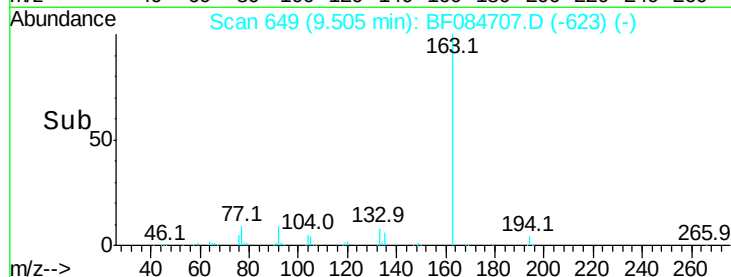
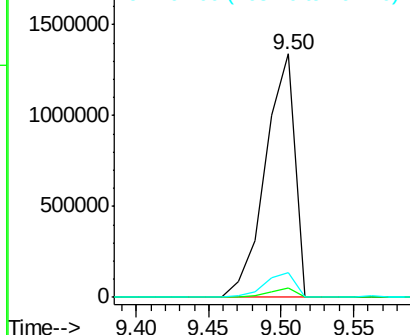
Tot Ion	Ratio	Resp	Lower	Upper
163	100	1887611		
194	3.6	8.0	12.0#	
164	10.4	8.0	12.0	

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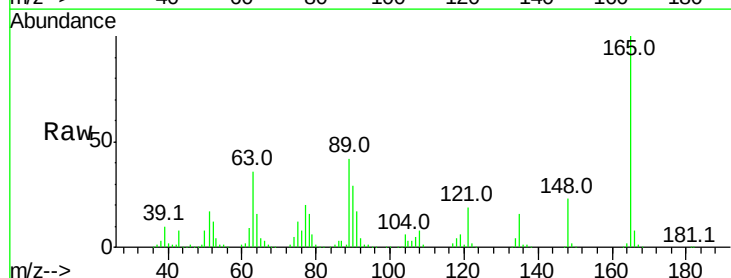


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

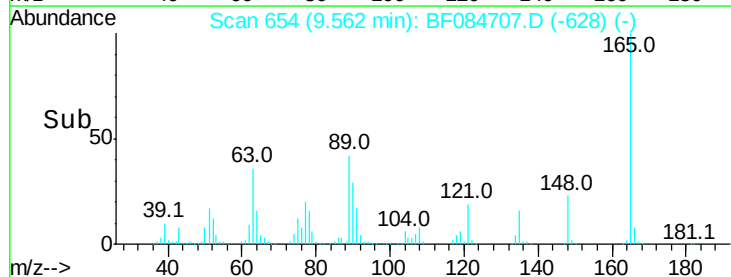
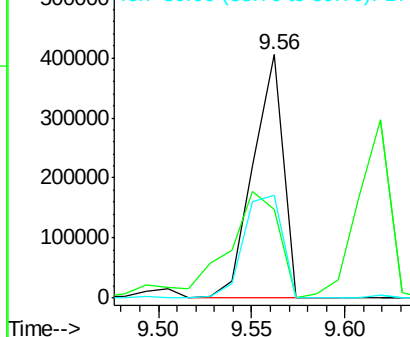


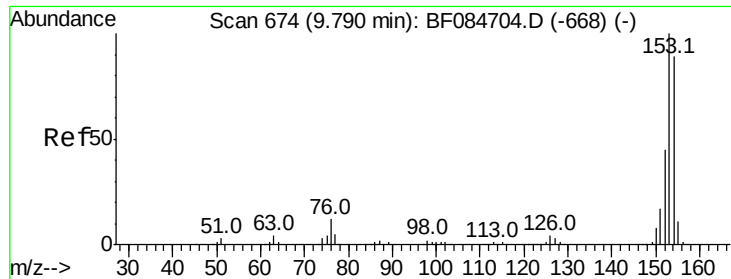
#50
2,6-Dinitrotoluene
Concen: 83.73 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	449551		
63	36.3	28.8	43.2	
89	42.4	35.1	52.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 65.10 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1436017

Ion Ratio Lower Upper

154 100

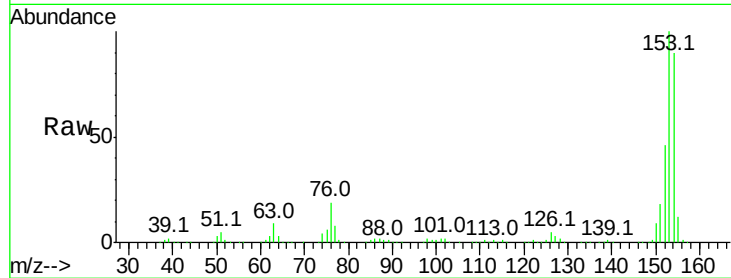
153 111.0 91.5 137.3

152 51.2 43.0 64.6

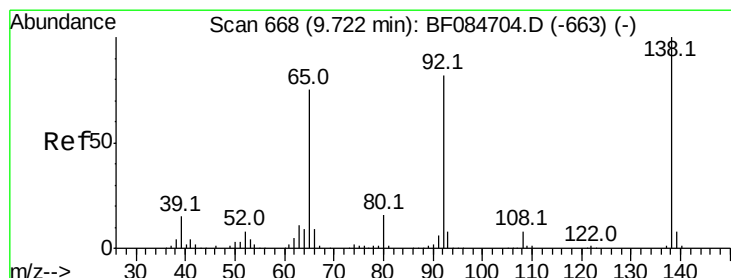
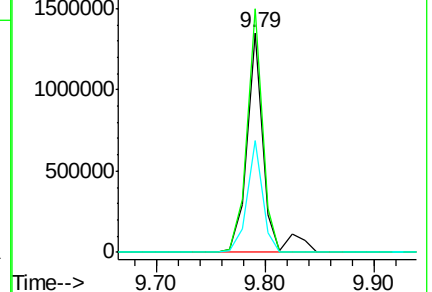
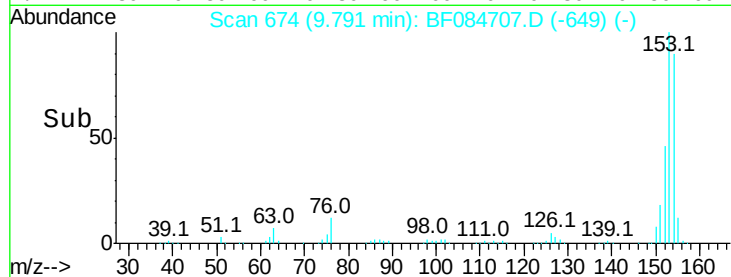
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 75.15 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

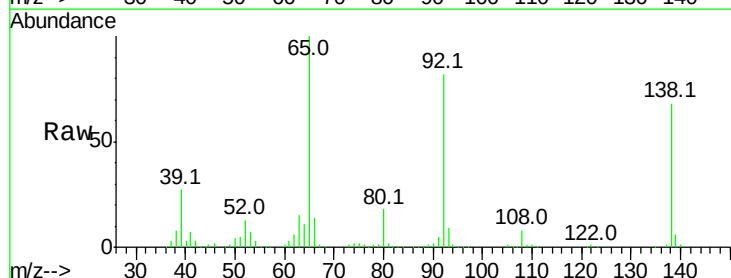
Tgt Ion:138 Resp: 421630

Ion Ratio Lower Upper

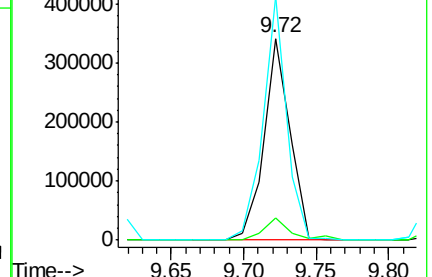
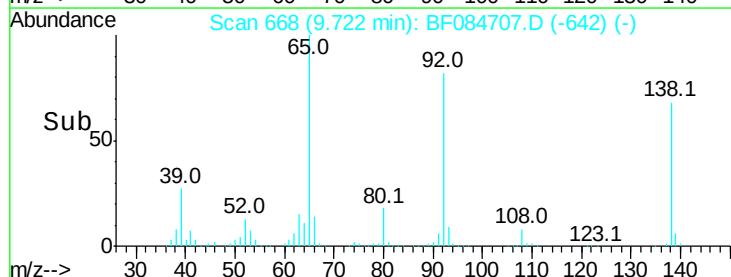
138 100

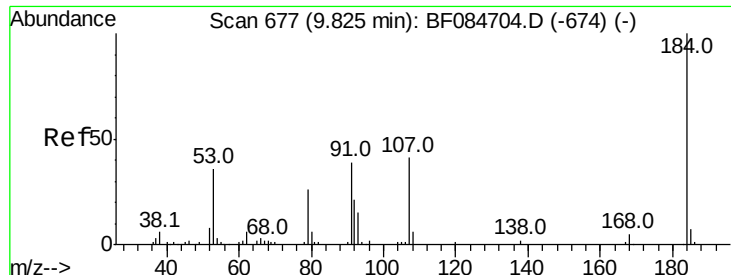
108 11.2 10.5 15.7

92 120.6 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





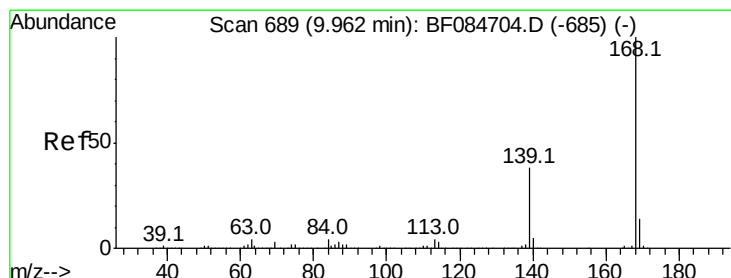
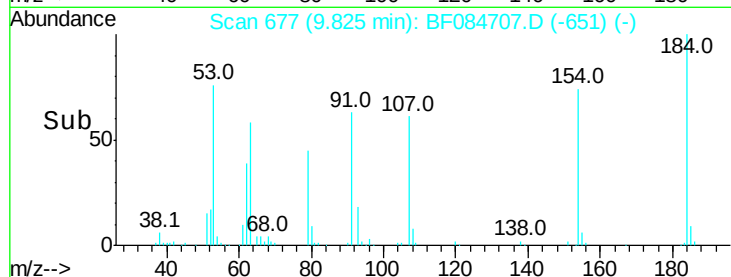
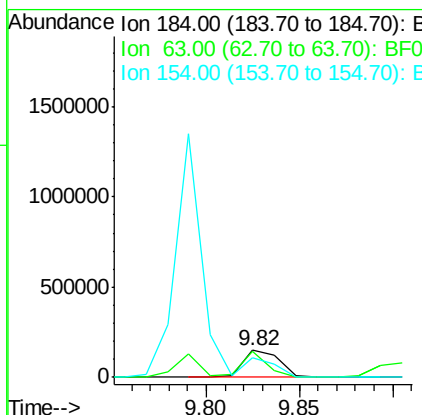
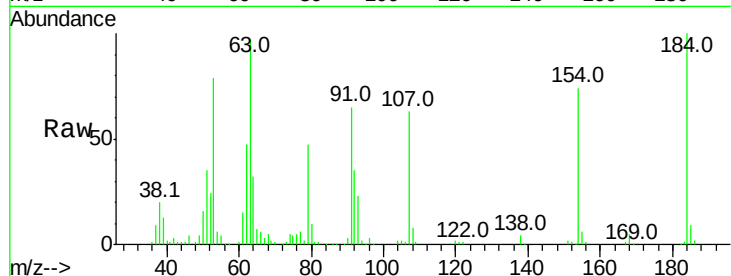
#53
 2,4-Dinitrophenol
 Concen: 76.60 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	202936		
63	97.2	43.1	64.7#	
154	74.4	60.5	90.7	

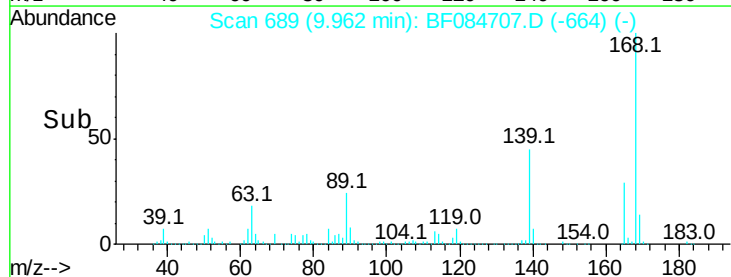
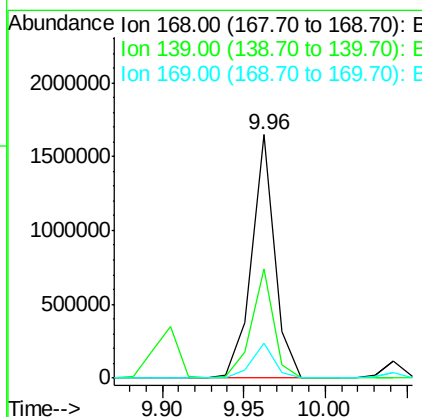
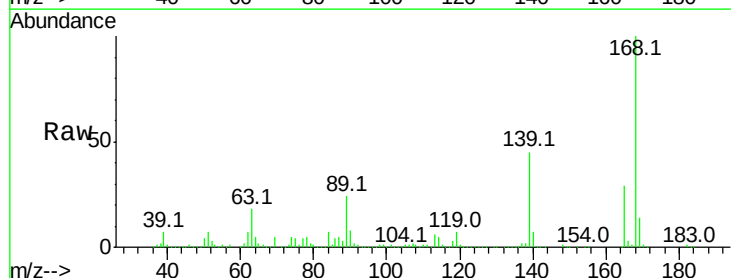
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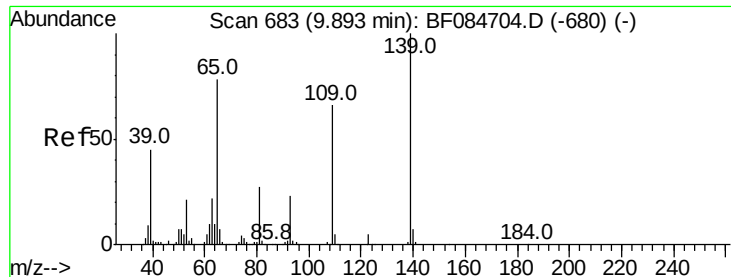
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#54
 Dibenzofuran
 Concen: 61.59 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1621347		
139	44.6	30.5	45.7	
169	14.4	10.4	15.6	





#55

4-Nitrophenol

Concen: 93.10 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

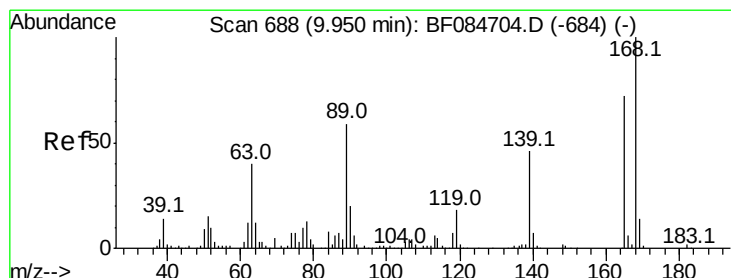
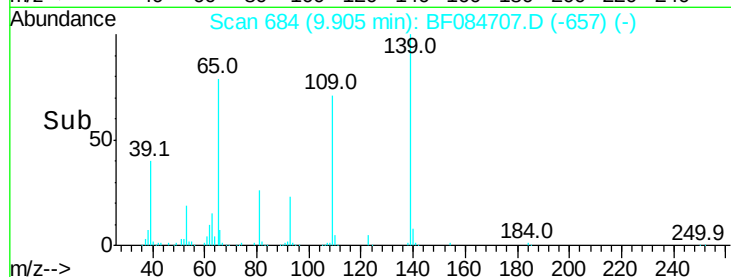
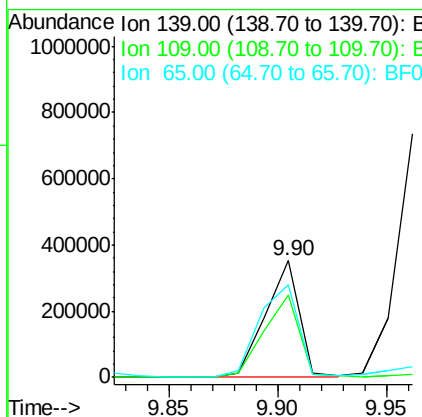
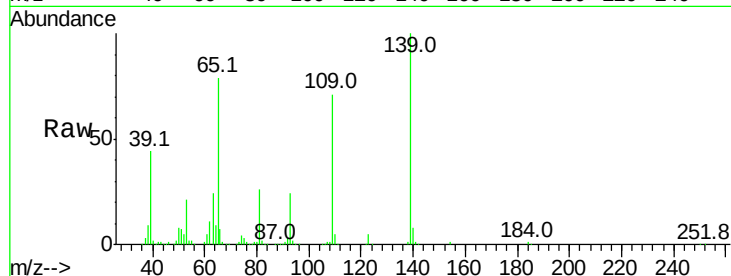
ClientSampleId :

SSTDICC080

Tot Ion:	139	Resp:	383681
Ion Ratio	Lower	Upper	
139	100		
109	70.7	58.5	98.5
65	79.2	57.6	97.6

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#56

2,4-Dinitrotoluene

Concen: 78.31 ng

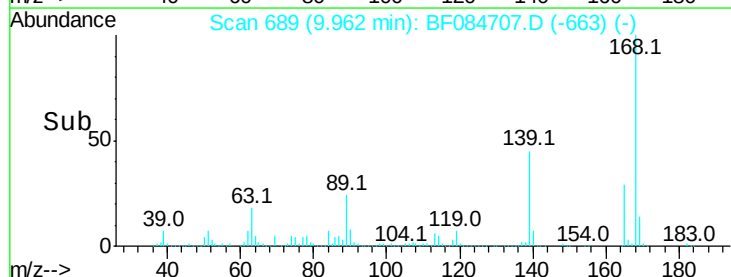
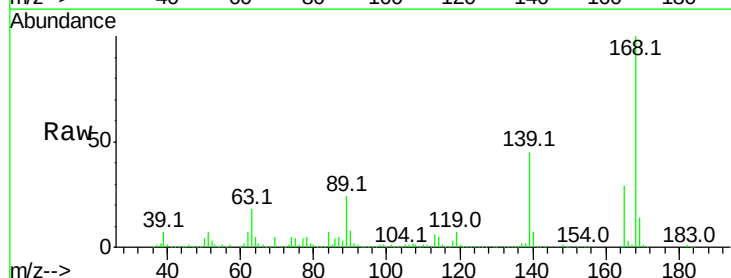
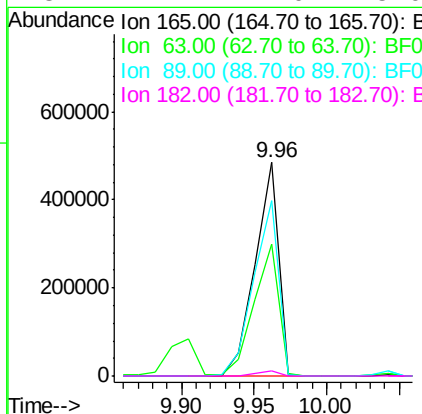
RT: 9.96 min Scan# 689

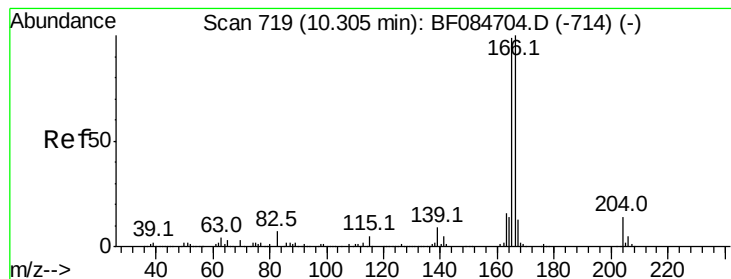
Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:	165	Resp:	546223
Ion Ratio	Lower	Upper	
165	100		
63	61.7	36.7	55.1#
89	82.3	61.9	92.9
182	2.2	2.0	3.0





#57

Fluorene

Concen: 62.31 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 1390453

Ion Ratio Lower Upper

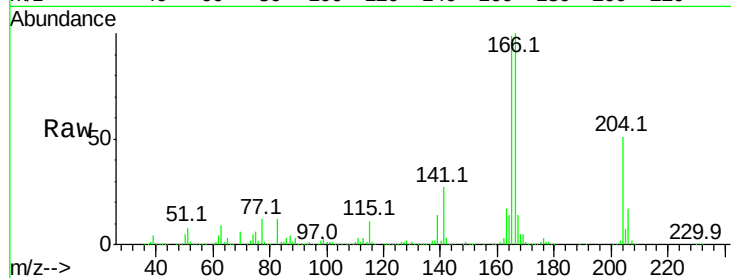
166 100

165 98.8 79.1 118.7

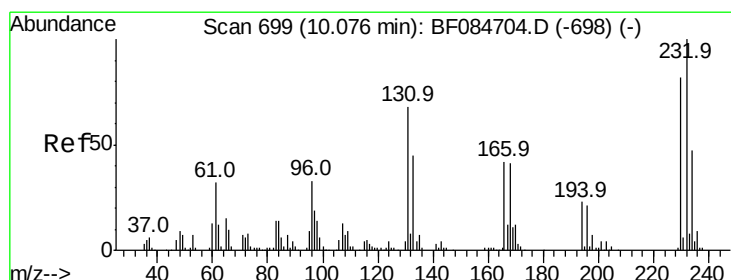
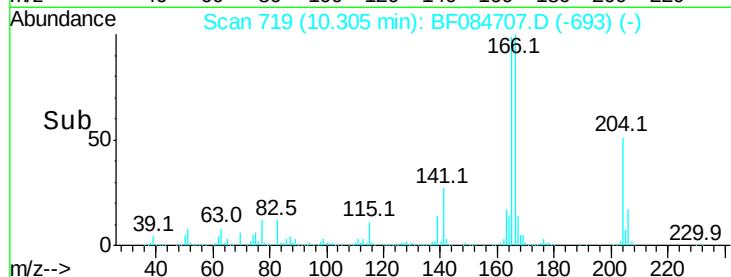
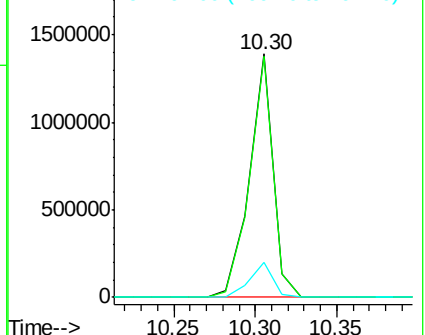
167 14.5 10.4 15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 79.78 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:232 Resp: 407952

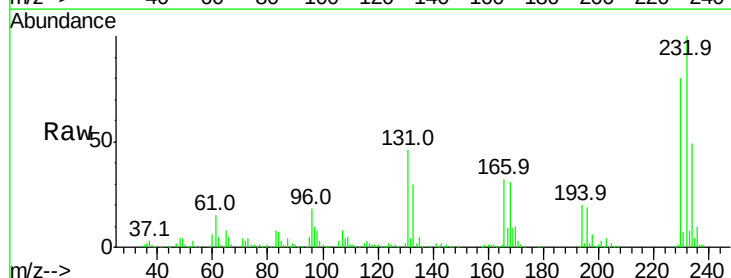
Ion Ratio Lower Upper

232 100

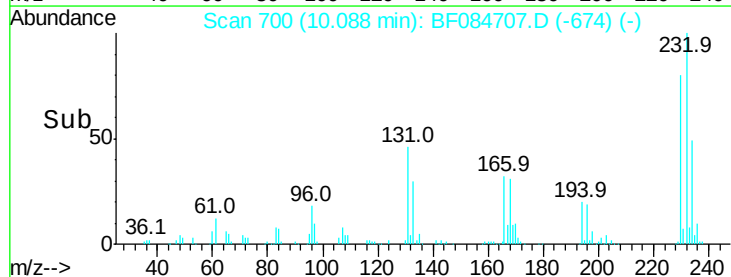
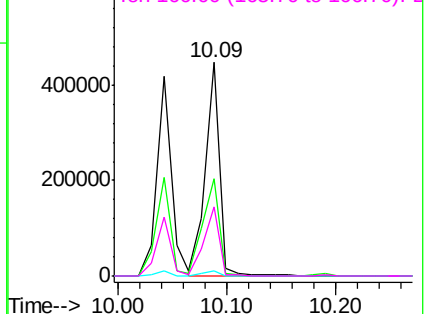
131 52.2 47.0 70.6

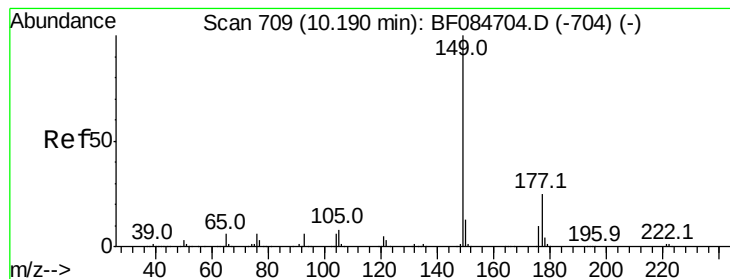
130 2.7 2.0 3.0

166 34.6 30.5 45.7



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 66.46 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1587729

Ion Ratio Lower Upper

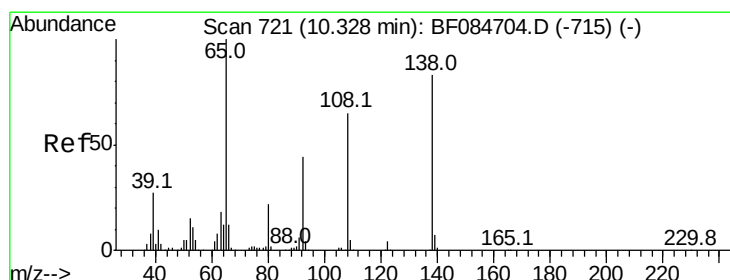
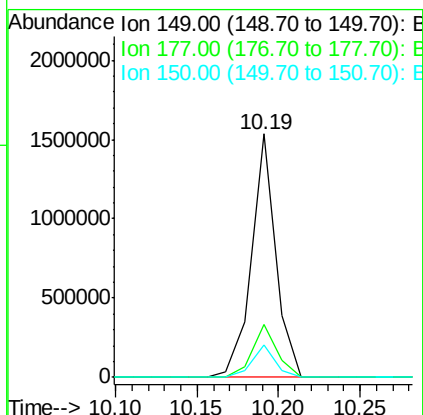
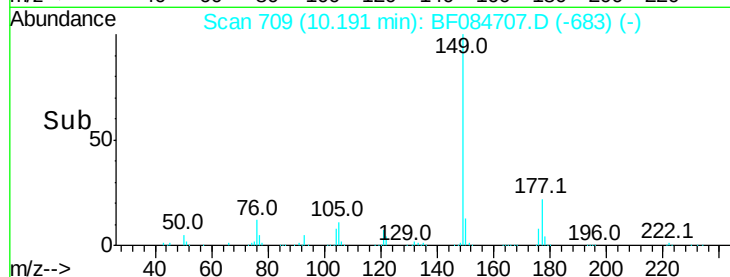
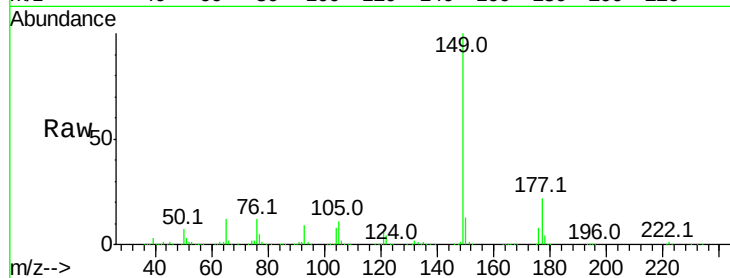
149 100

177 21.8 17.3 25.9

150 13.2 9.8 14.8

Manual Integrations
APPROVED

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2/2/2016 4:17:34 PM



#61

4-Nitroaniline

Concen: 85.06 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

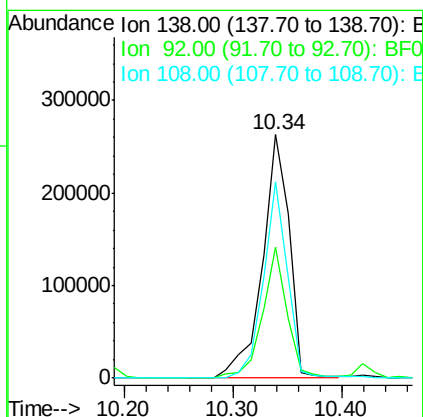
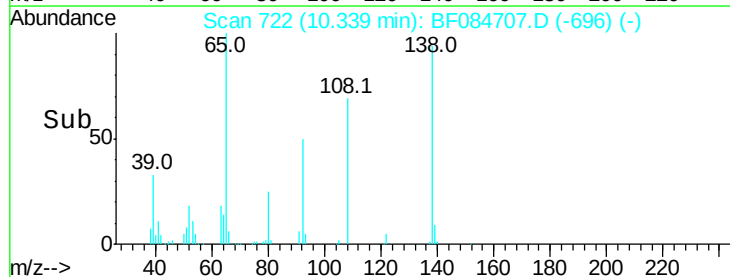
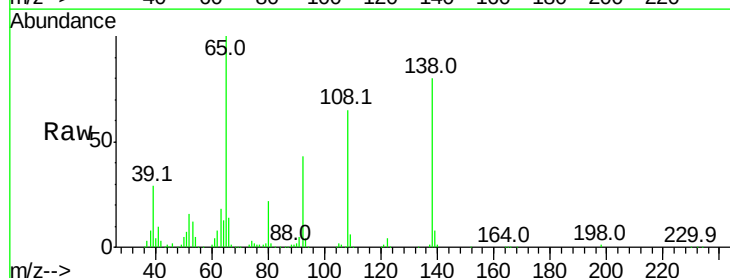
Tgt Ion:138 Resp: 451696

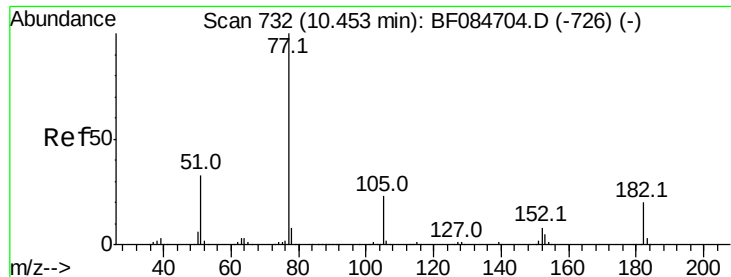
Ion Ratio Lower Upper

138 100

92 53.9 32.6 72.6

108 80.6 68.6 108.6





#62

Azobenzene

Concen: 75.28 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1721330

Ion Ratio Lower Upper

77 100

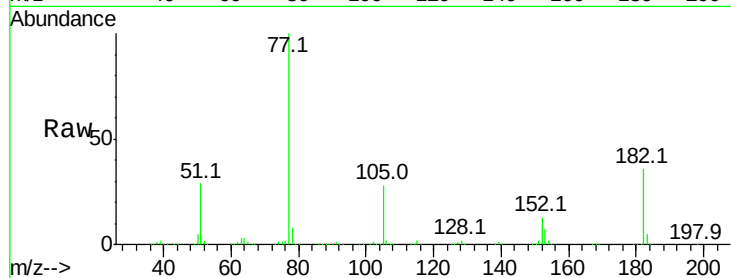
182 35.8 8.3 48.3

105 28.3 4.6 44.6

51 28.7 6.2 46.2

Manual Integrations
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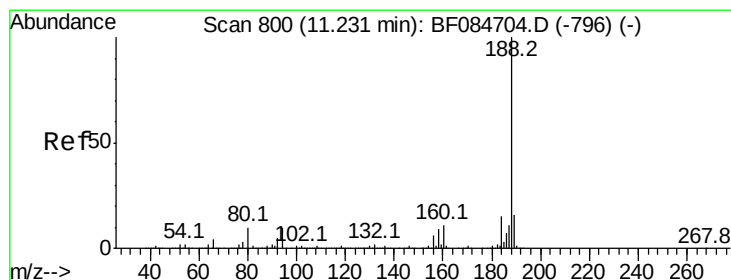
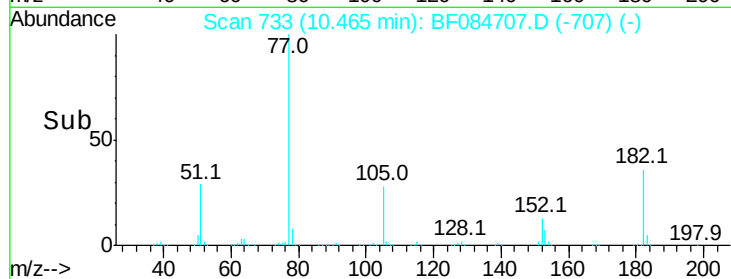
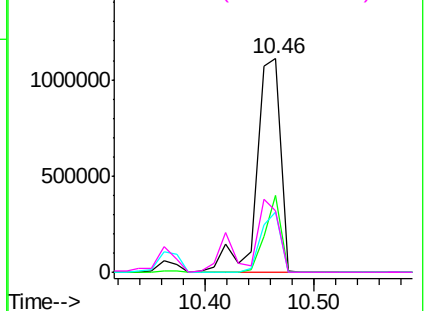


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

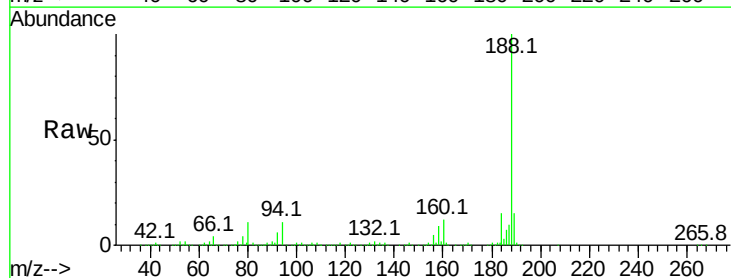
Tgt Ion: 188 Resp: 601433

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

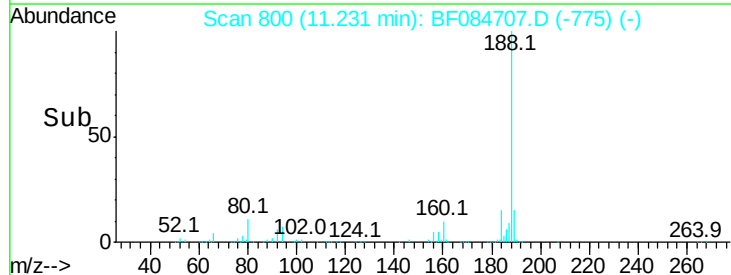
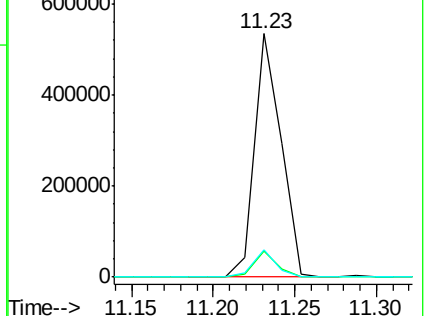
80 11.4 9.6 14.4

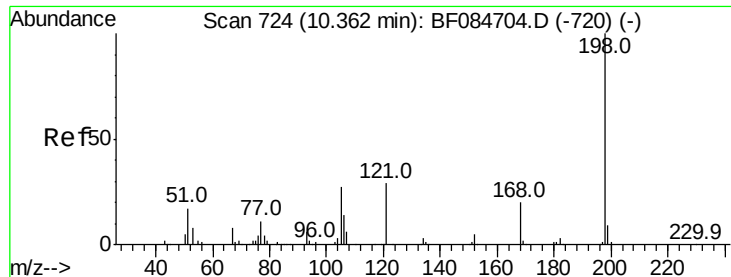


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 85.20 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

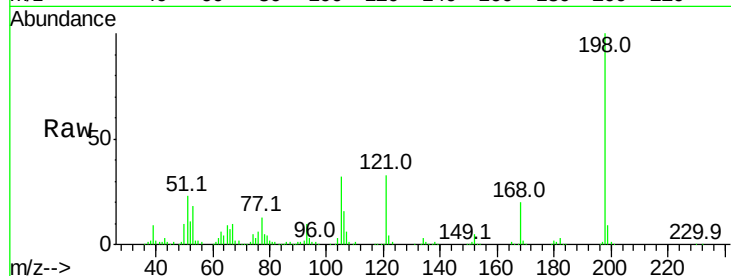
ClientSampled :

SSTDIC080

Tot Ion:	198	Resp:	334683
Ion Ratio	Lower	Upper	
198	100		
51	23.1	18.9	58.9
105	31.9	26.4	66.4

Manual Integrations
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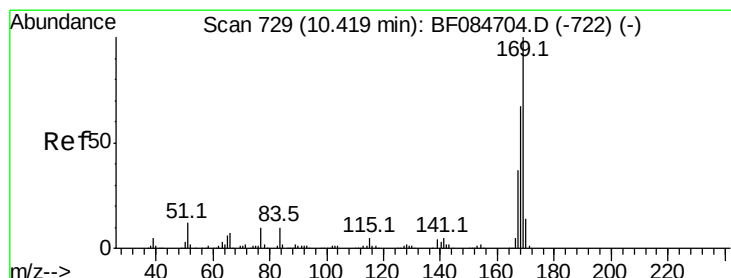
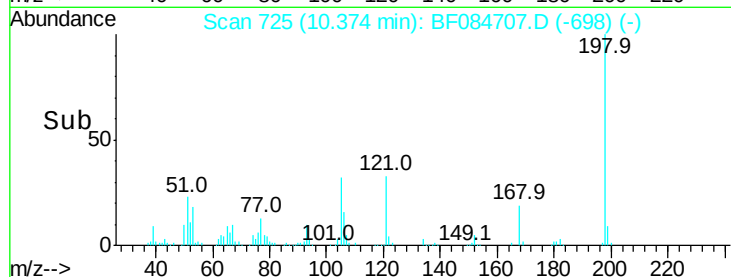
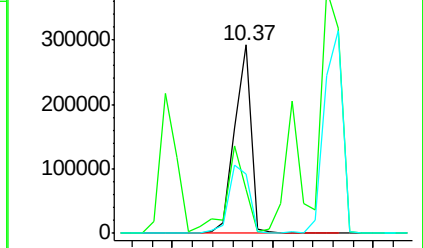
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 68.66 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084707.D

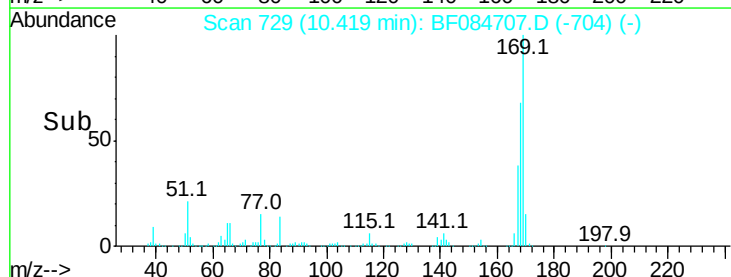
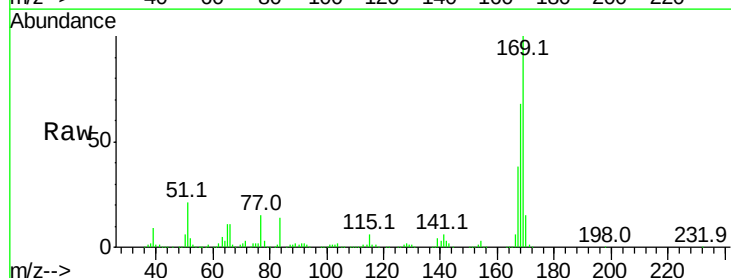
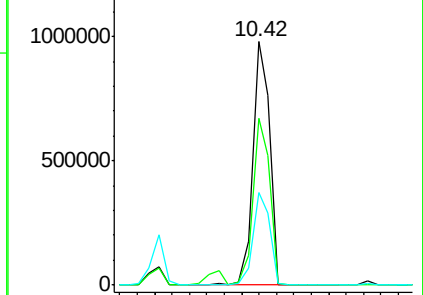
Acq: 1 Feb 2016 13:55

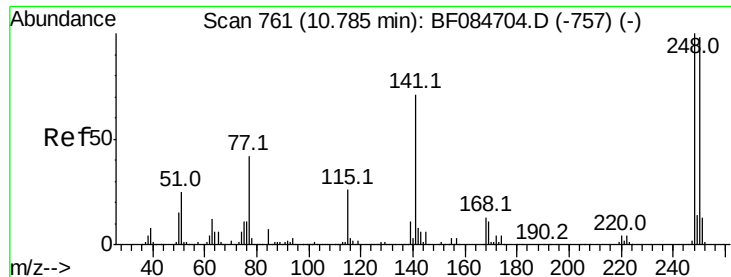
Tgt Ion:	169	Resp:	1338966
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.1	82.7
167	38.2	30.0	45.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





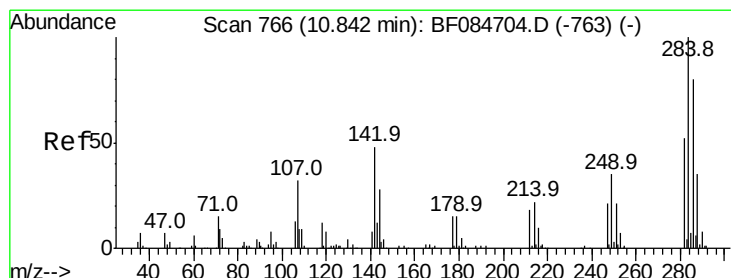
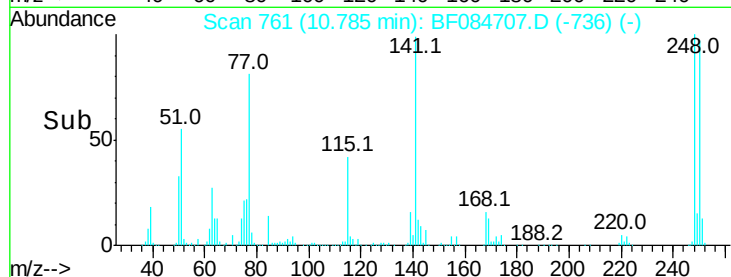
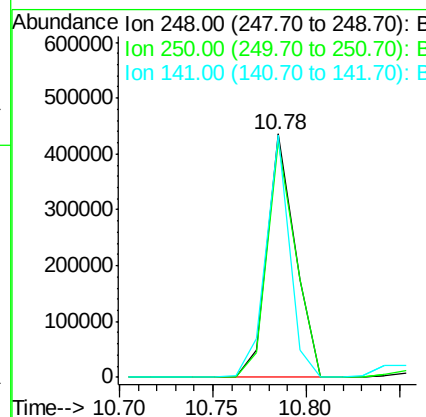
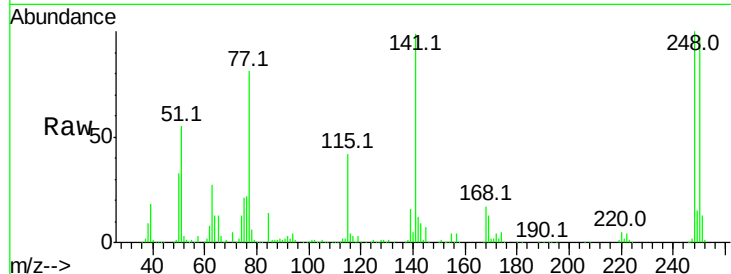
#66
 4-Bromophenyl-phenylether
 Concen: 67.17 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.4	117.6
141	99.3	44.0	66.0

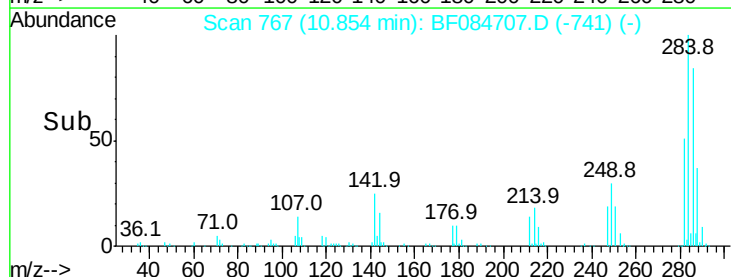
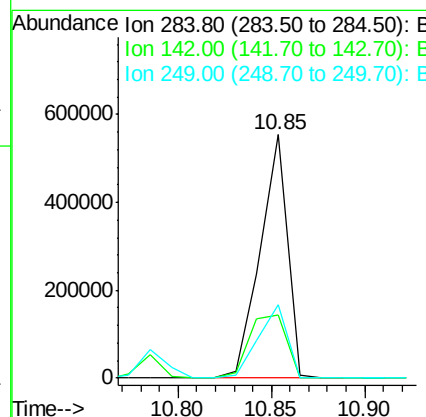
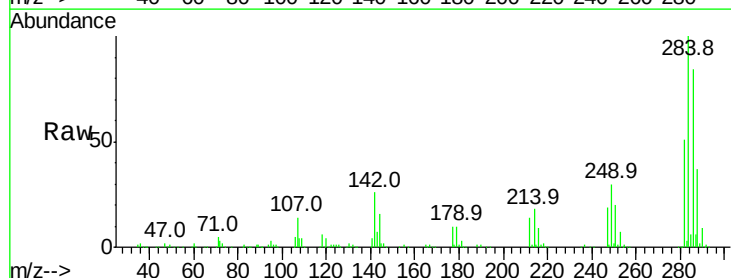
Manual Integrations
 APPROVED

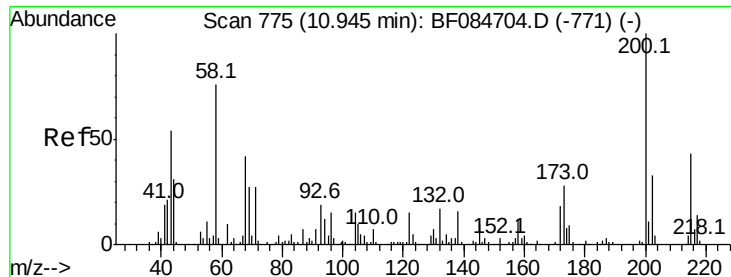
mohammad
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#67
 Hexachlorobenzene
 Concen: 75.80 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	22.2	33.4
249	30.0	24.6	37.0





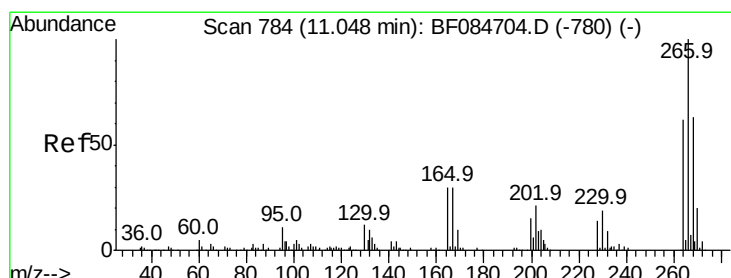
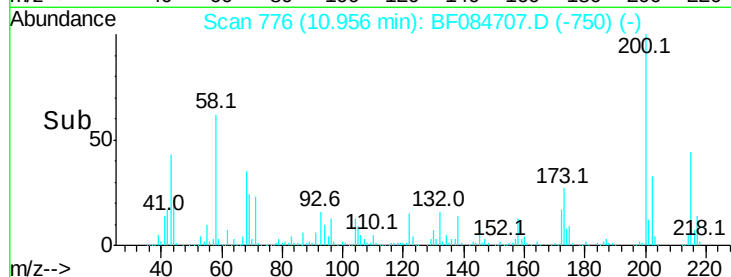
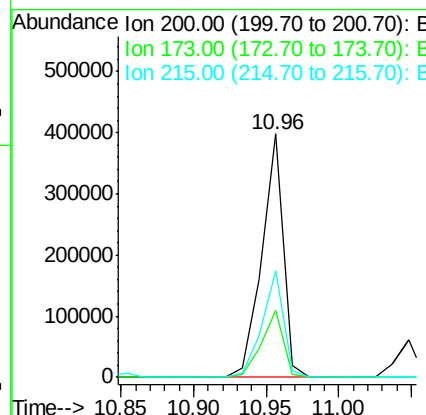
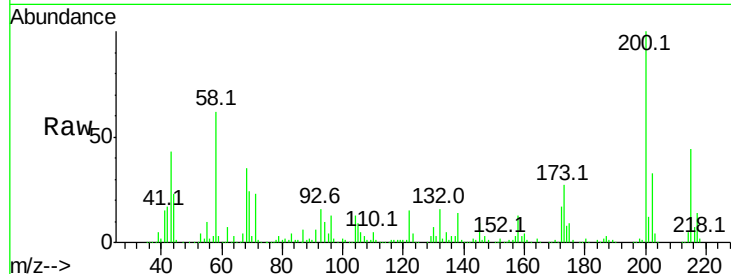
#68
Atrazine
Concen: 69.74 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	9.5	49.5
215	43.6	23.8	63.8

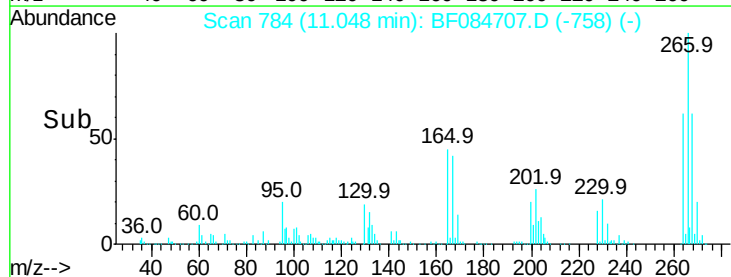
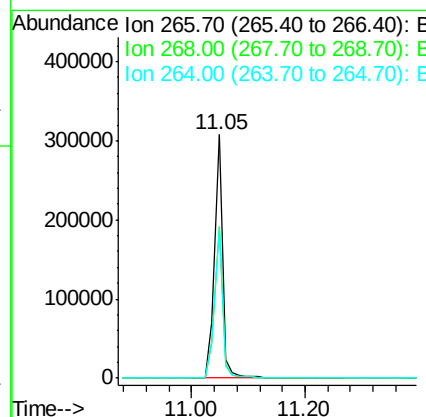
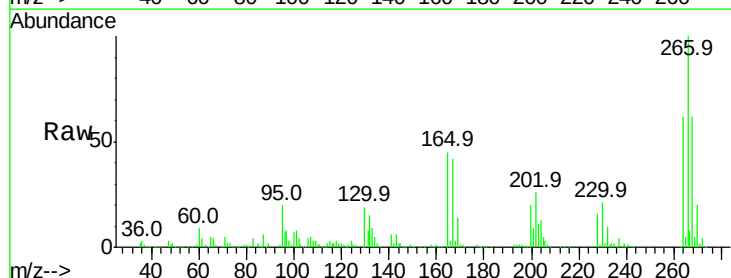
Manual Integrations
APPROVED

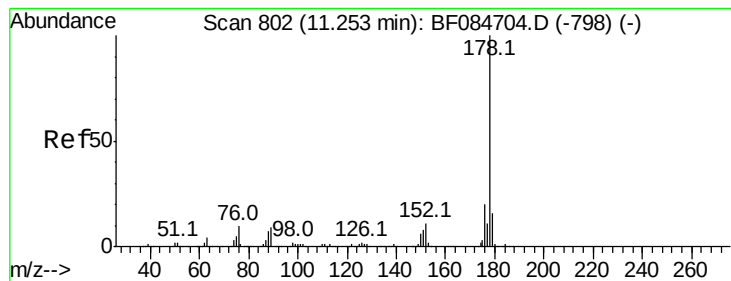
mohammad
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#69
Pentachlorophenol
Concen: 82.97 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.1	52.4	78.6
264	61.9	50.2	75.2





#70

Phenanthrene

Concen: 74.08 ng

RT: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 2463647

Ion Ratio Lower Upper

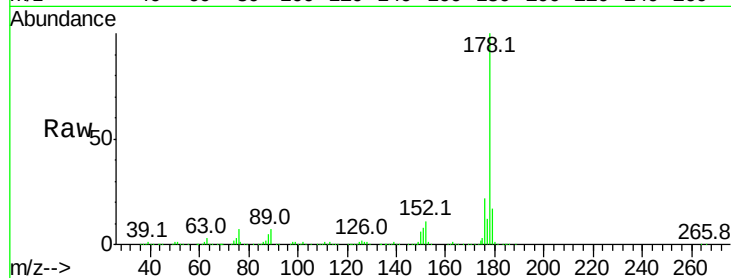
178 100

176 21.5 15.3 22.9

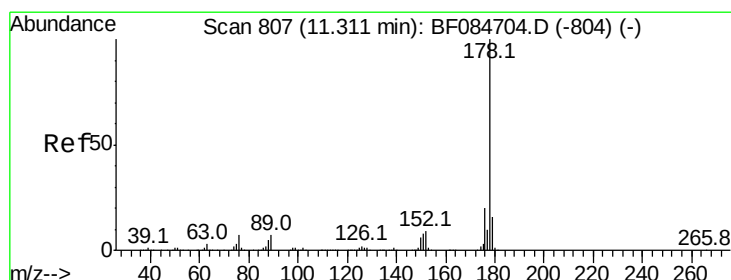
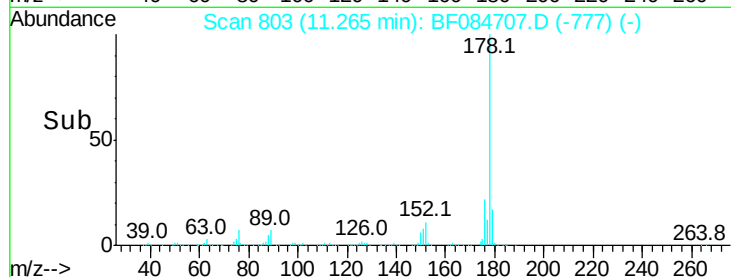
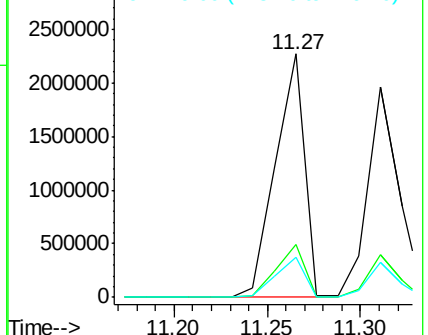
179 16.6 12.0 18.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 65.12 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

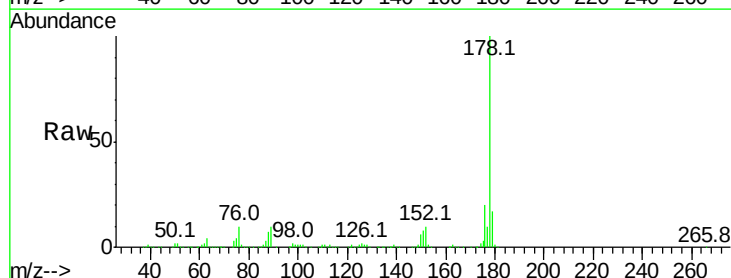
Tgt Ion:178 Resp: 2201906

Ion Ratio Lower Upper

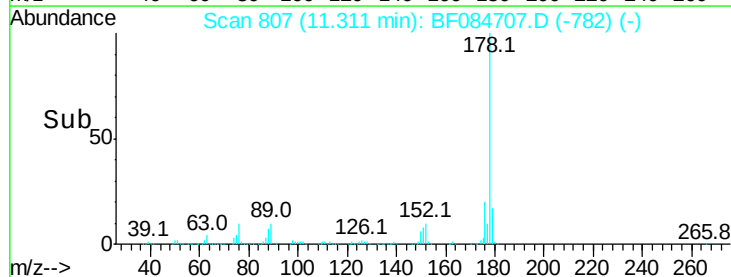
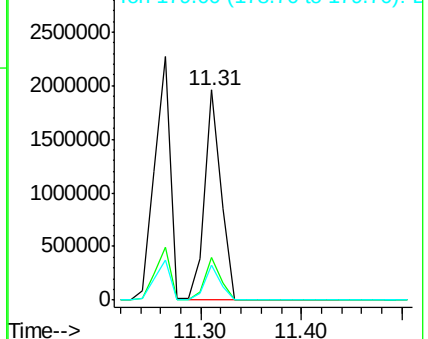
178 100

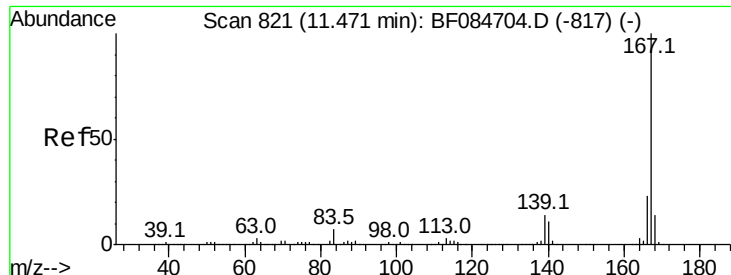
176 20.1 15.4 23.0

179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 64.30 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 1873759

Ion Ratio Lower Upper

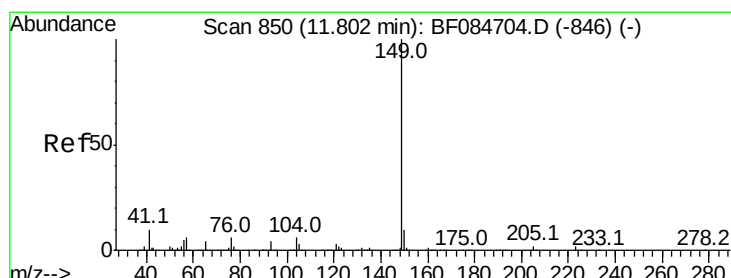
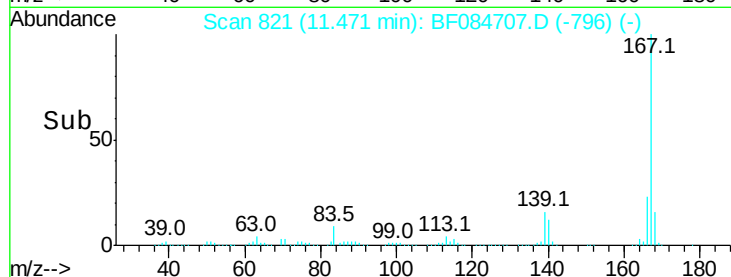
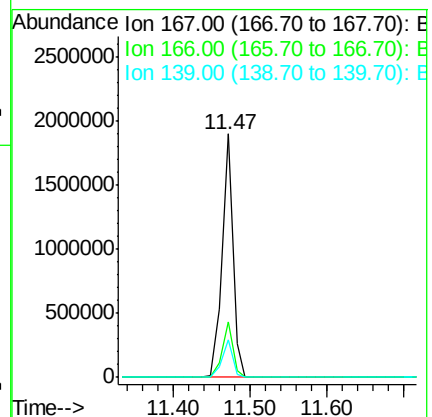
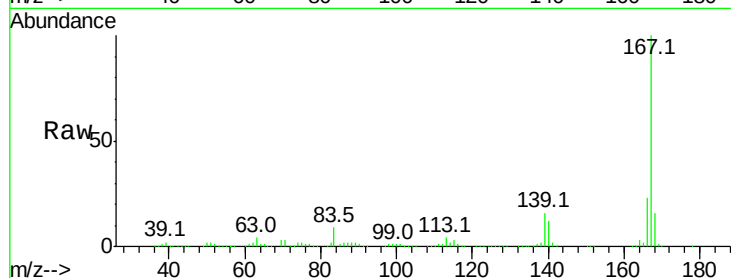
167 100

166 22.9 17.6 26.4

139 15.5 11.8 17.8

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 78.29 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

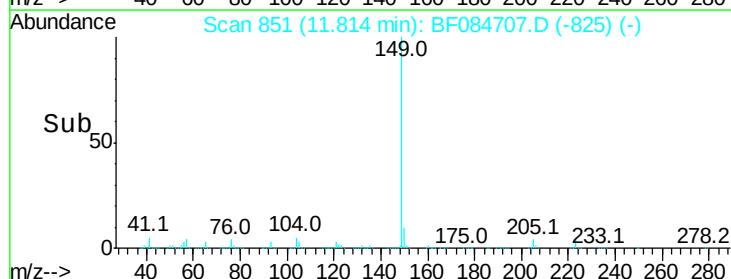
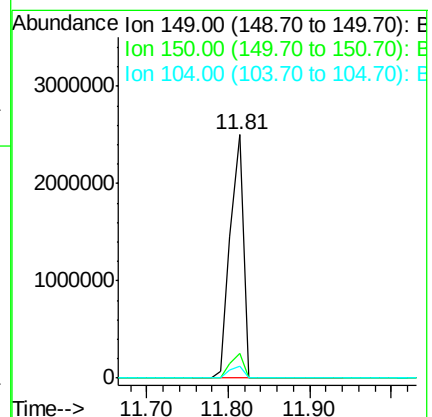
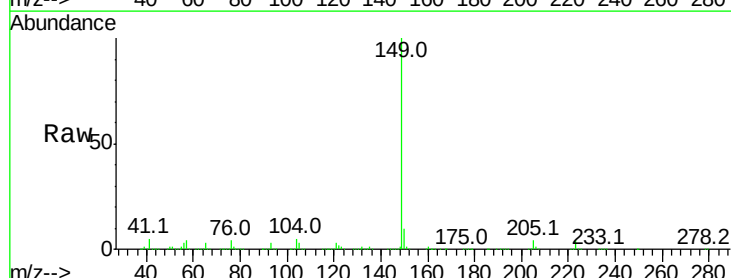
Tgt Ion:149 Resp: 2774564

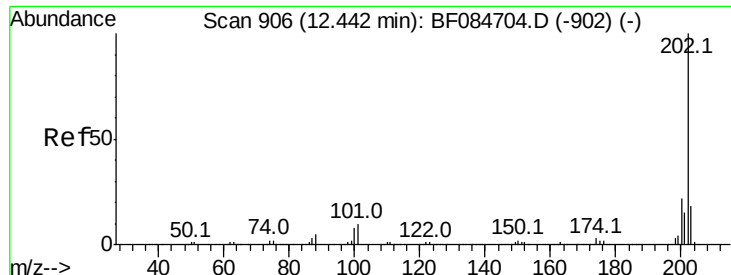
Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

104 5.0 3.2 4.8#





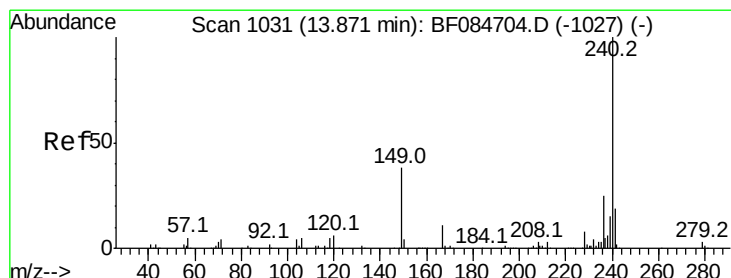
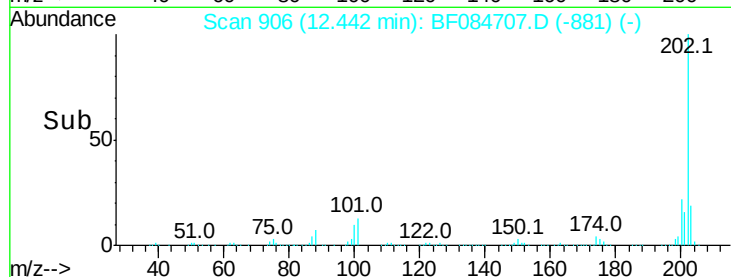
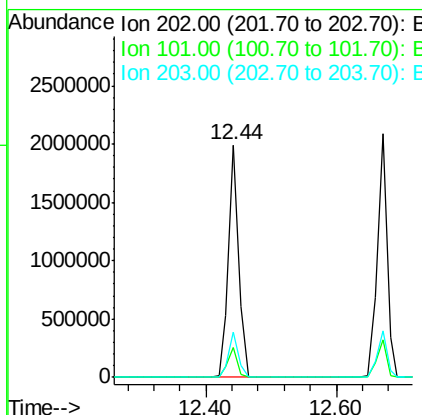
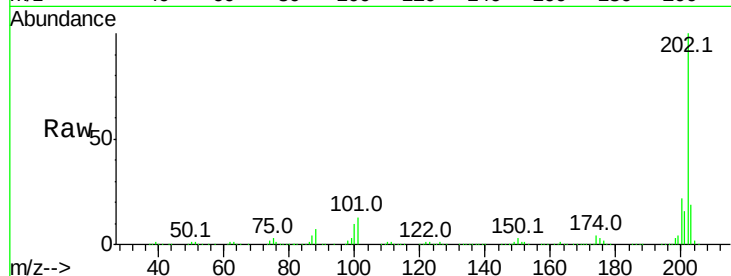
#74
 Fluoranthene
 Concen: 66.11 ng
 RT: 12.44 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.8
203	19.2	0.0	37.9

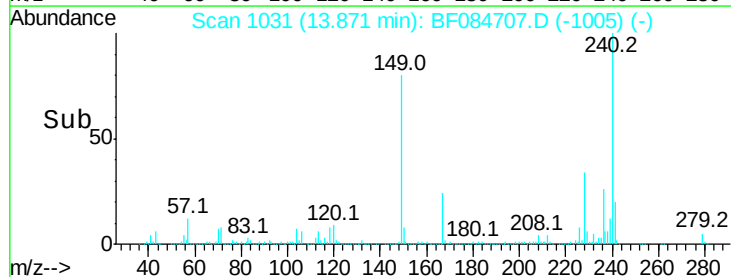
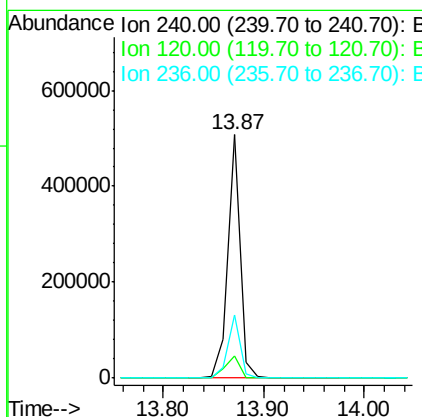
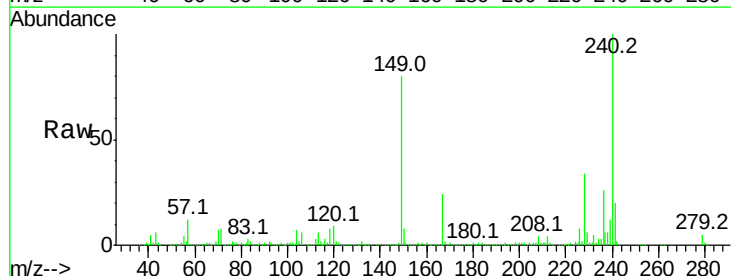
Manual Integrations
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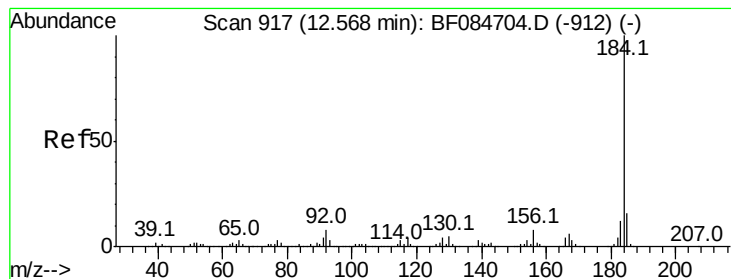
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.7	20.6	31.0





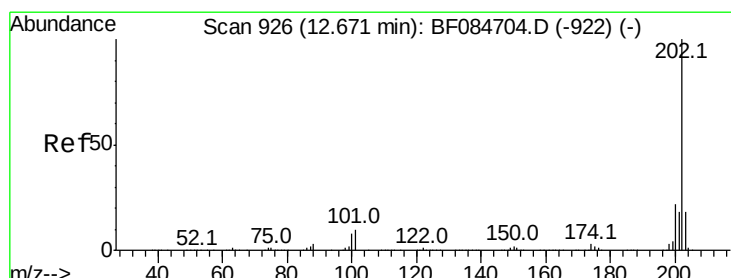
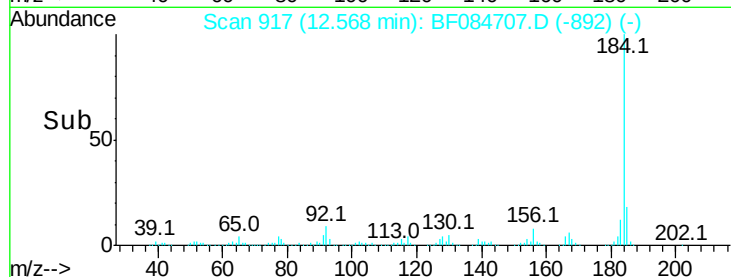
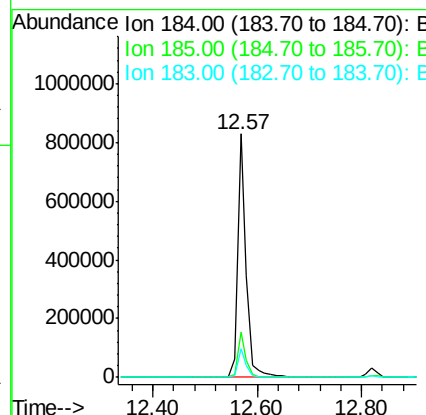
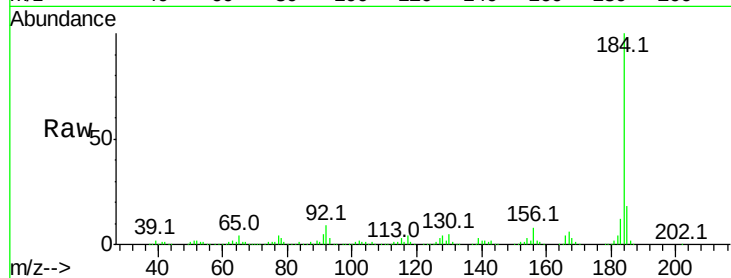
#76
Benzidine
Concen: 56.13 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.2	18.2#
183	11.6	9.8	14.8

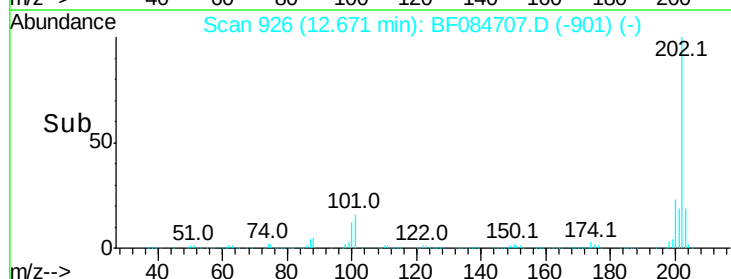
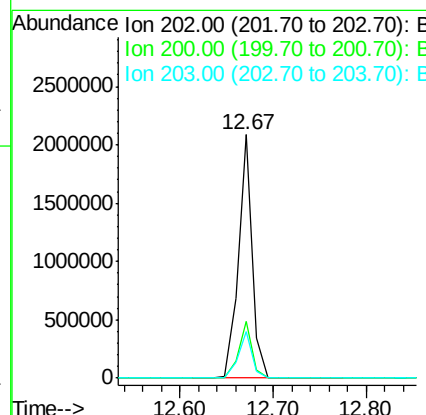
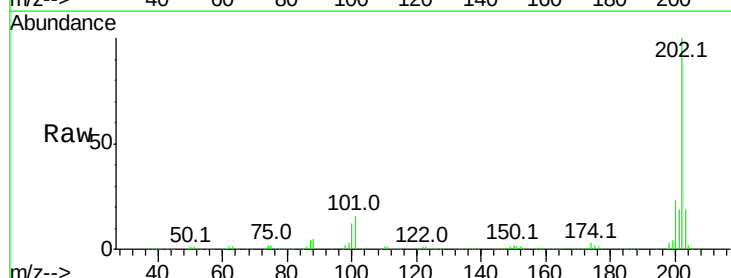
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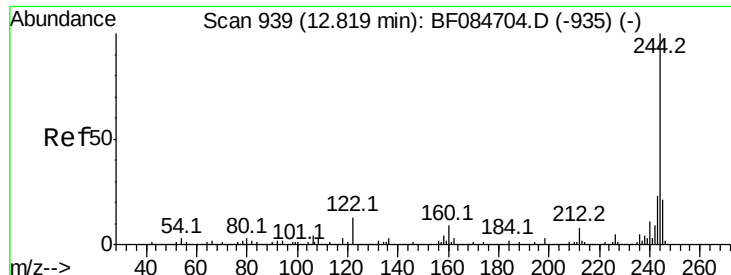
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2/2/2016 4:17:34 PM



#77
Pyrene
Concen: 66.29 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.2	25.8
203	19.2	14.3	21.5





#78

Terphenyl-d14

Concen: 144.79 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 2774805

Ion Ratio Lower Upper

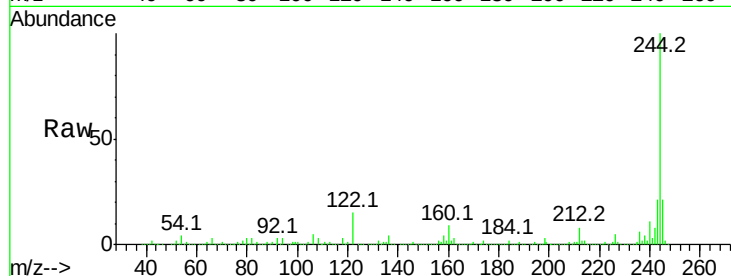
244 100

212 7.9 5.7 8.5

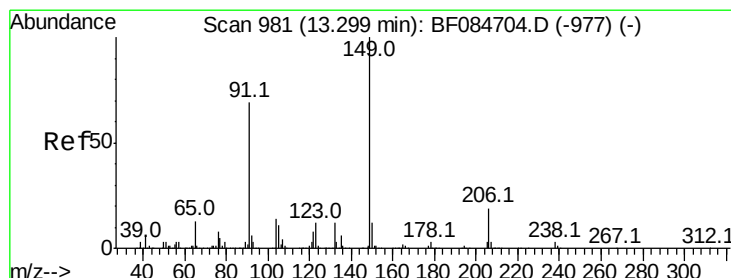
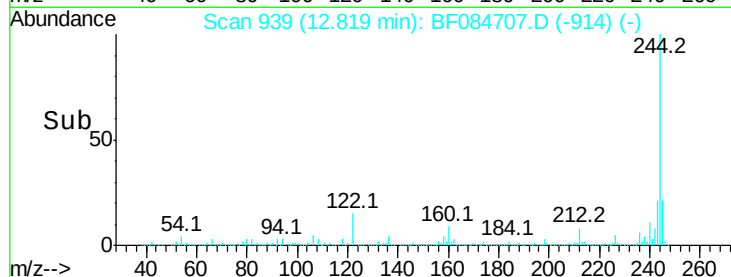
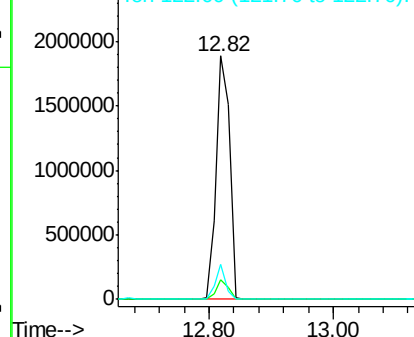
122 14.6 7.4 11.0#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 76.87 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

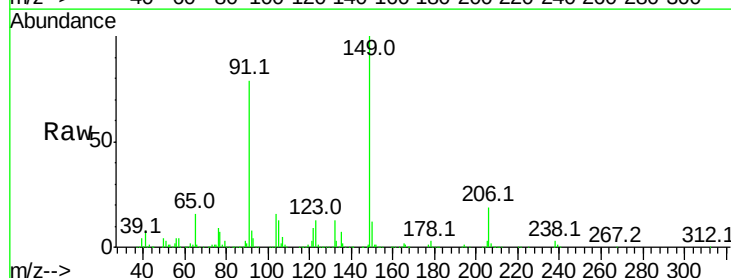
Tgt Ion:149 Resp: 1071979

Ion Ratio Lower Upper

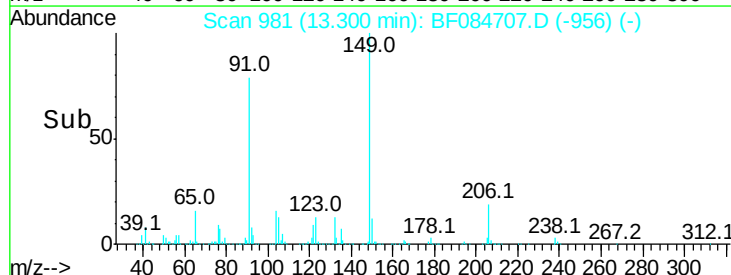
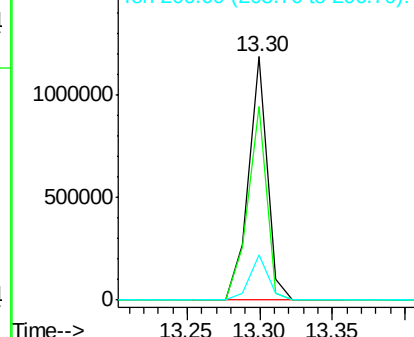
149 100

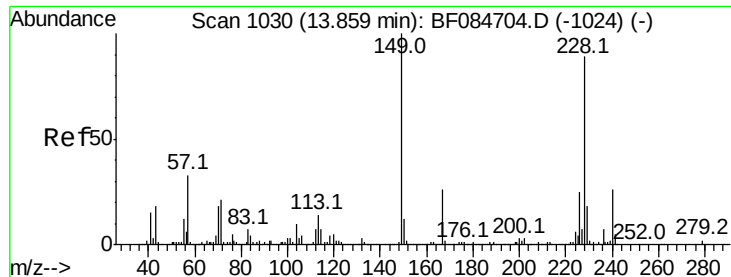
91 79.4 57.6 86.4

206 18.5 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 65.76 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1774116

Ion Ratio Lower Upper

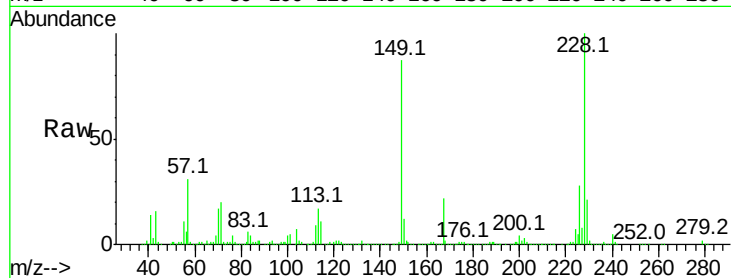
228 100

226 28.2 21.8 32.6

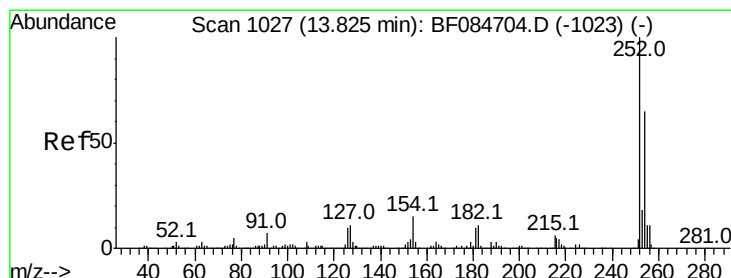
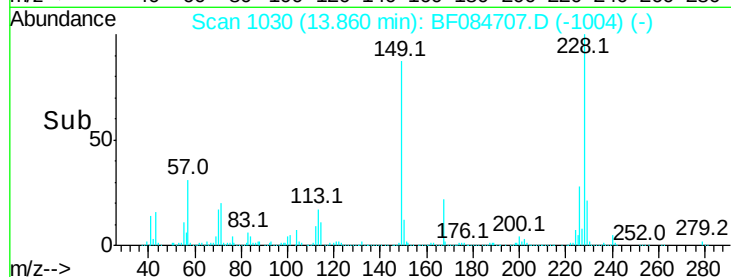
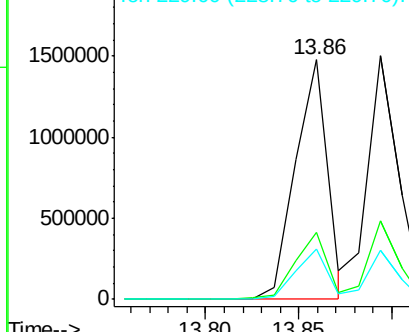
229 21.3 15.8 23.8

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



#81

3,3'-Dichlorobenzidine

Concen: 68.63 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

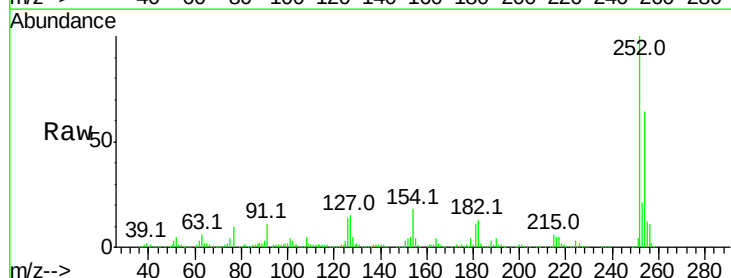
Tgt Ion:252 Resp: 651569

Ion Ratio Lower Upper

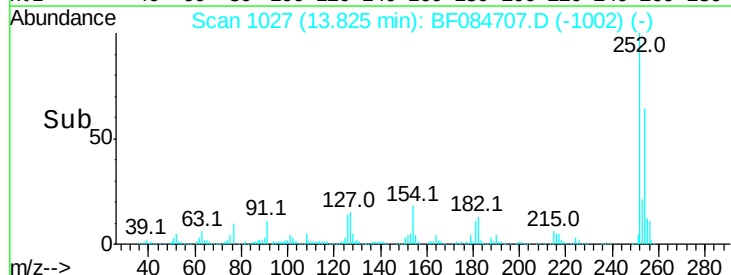
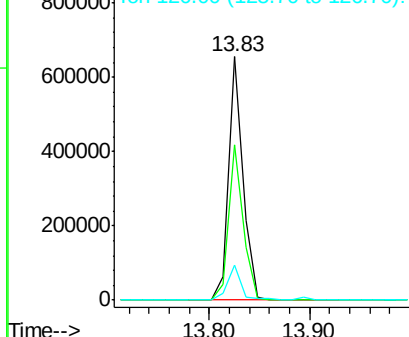
252 100

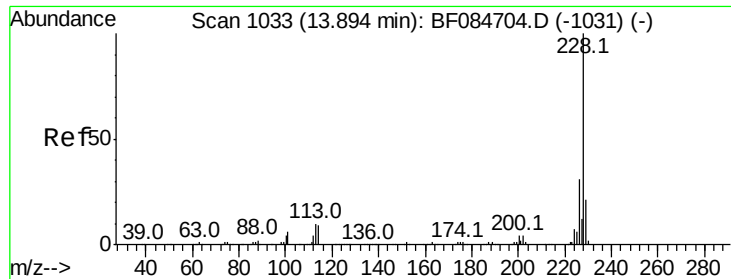
254 63.7 53.5 80.3

126 14.2 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





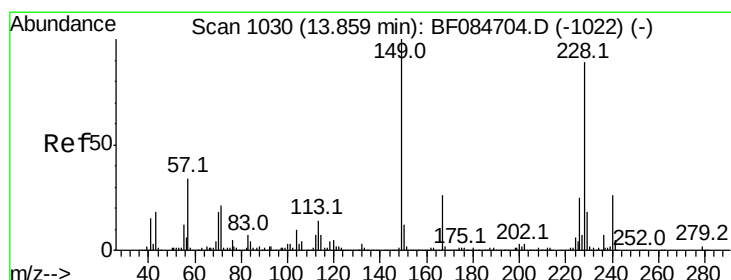
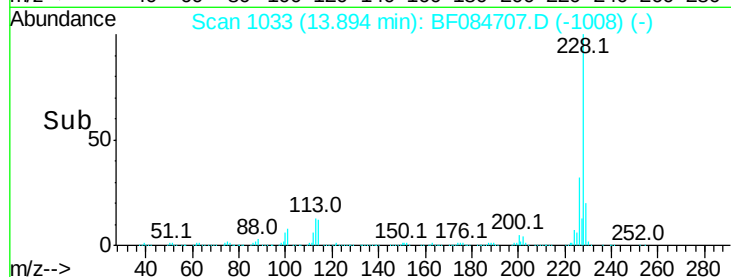
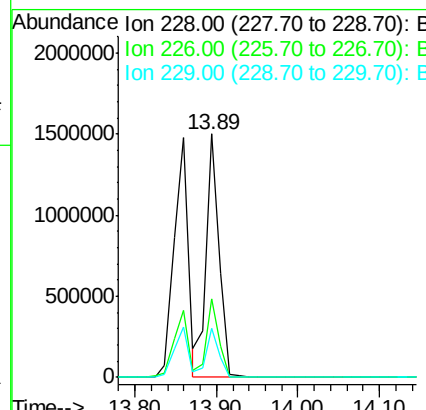
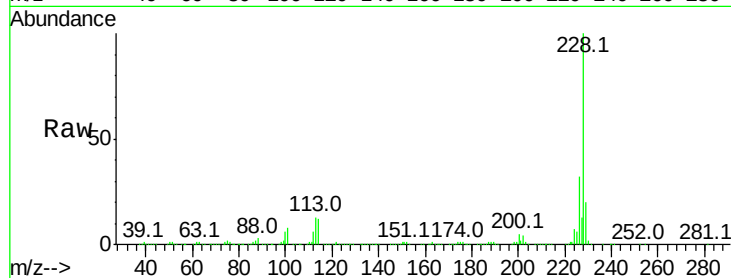
#82
Chrysene
Concen: 63.82 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.3	36.5
229	20.4	16.1	24.1

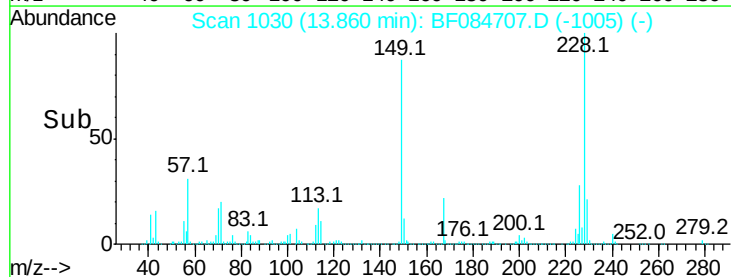
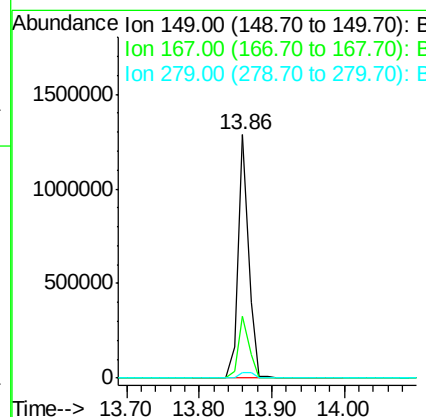
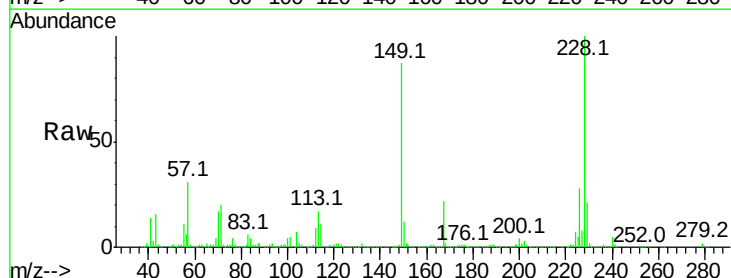
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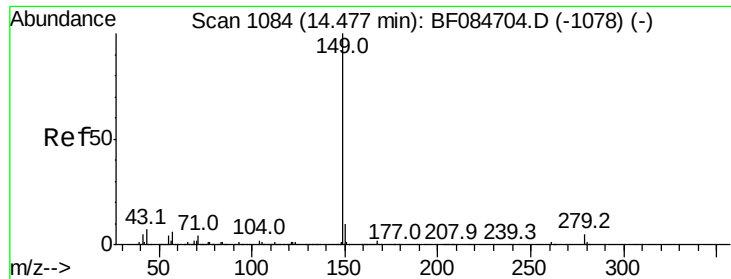
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#83
Bis(2-ethylhexyl)phthalate
Concen: 71.15 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.7	29.5
279	2.3	1.8	2.6





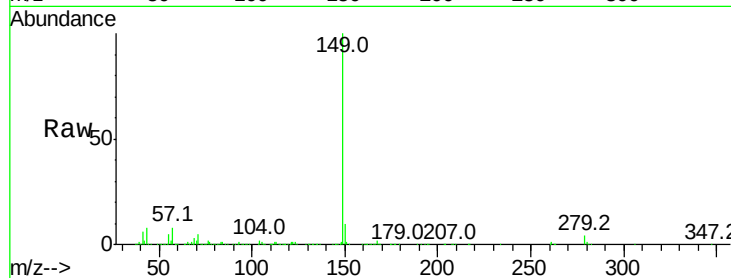
#84
Di-n-octyl phthalate
Concen: 80.08 ng
RT: 14.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

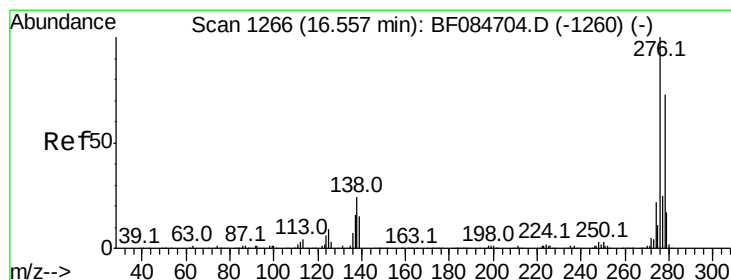
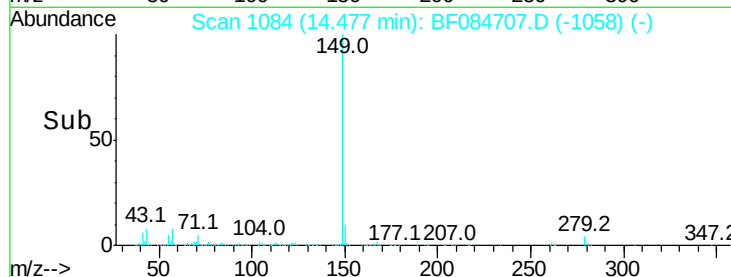
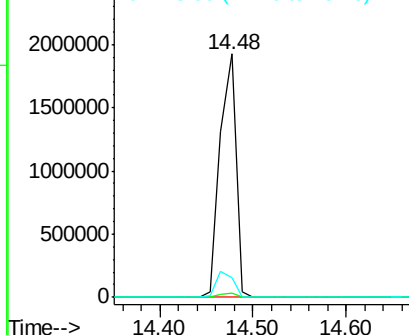
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	5.6	8.4

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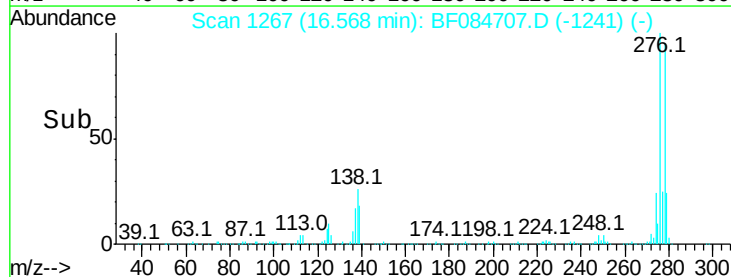
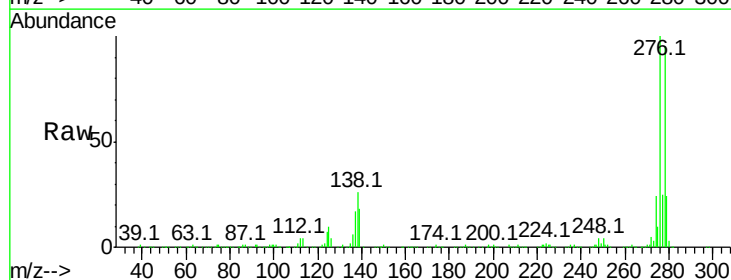
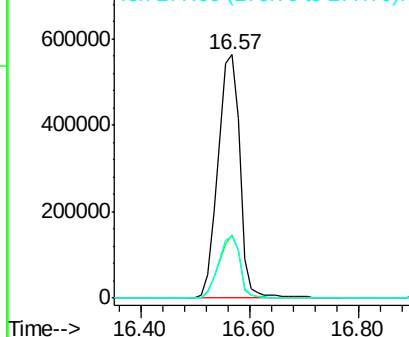
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

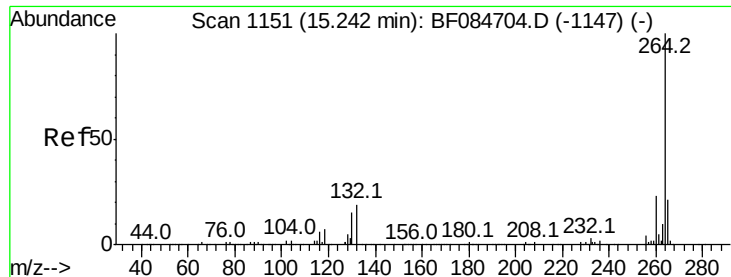


#85
Indeno(1,2,3-cd)pyrene
Concen: 68.27 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	25.3	20.1	30.1

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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

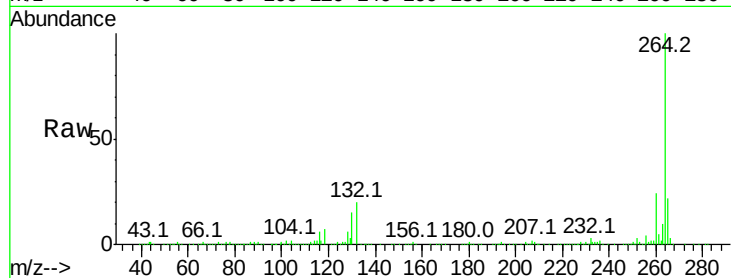
ClientSampleId :

SSTDIC080

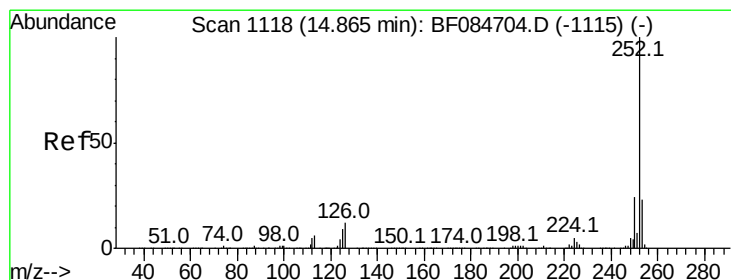
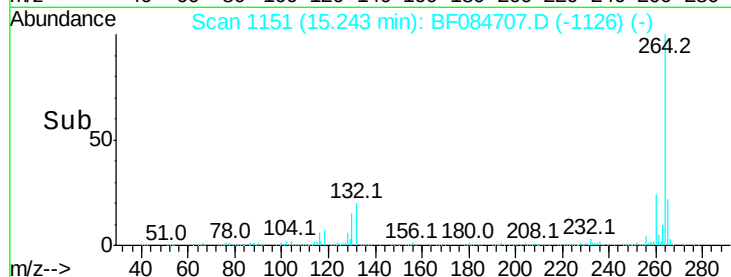
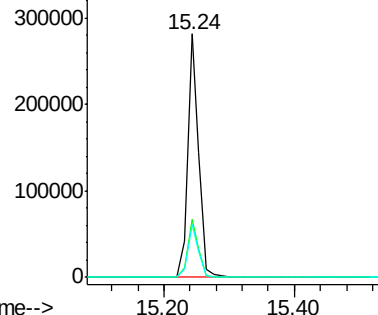
Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.4	29.2	
265	21.6	17.8	26.6	

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2/2/2016 4:17:34 PM



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: 69.38 ng m

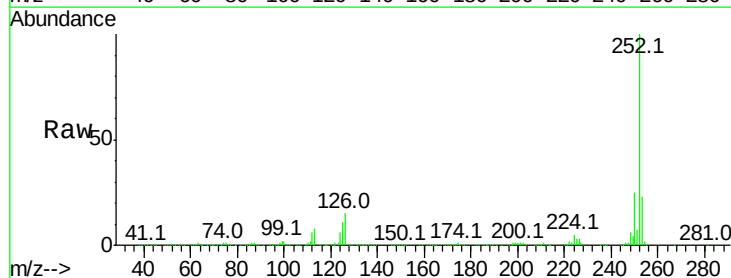
RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

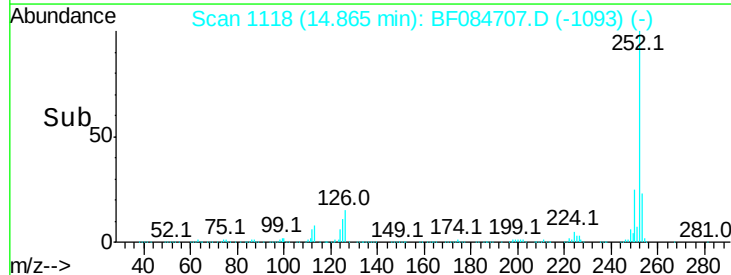
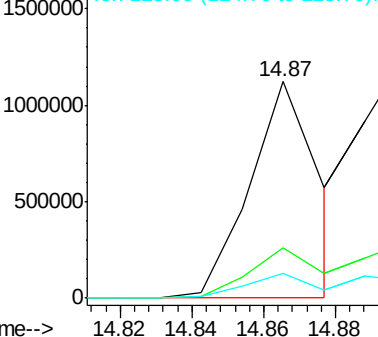
Lab File: BF084707.D

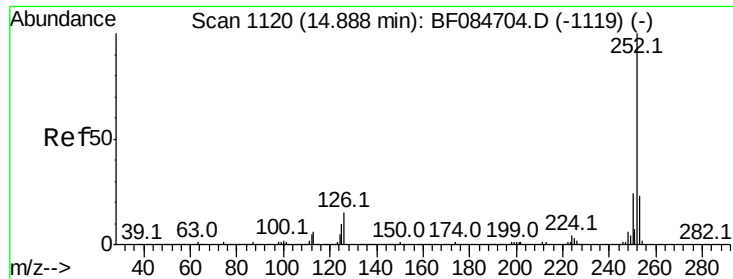
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.4	17.3	25.9	
125	11.2	6.5	9.7#	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





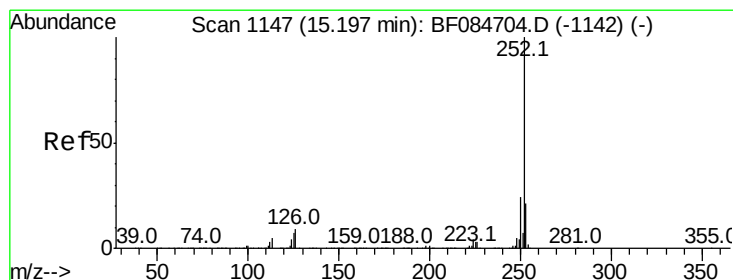
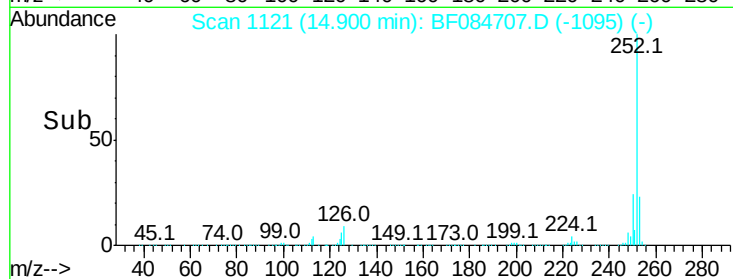
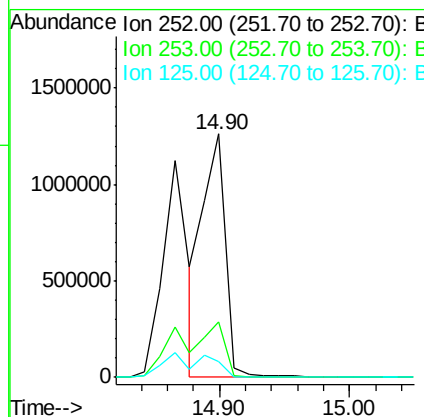
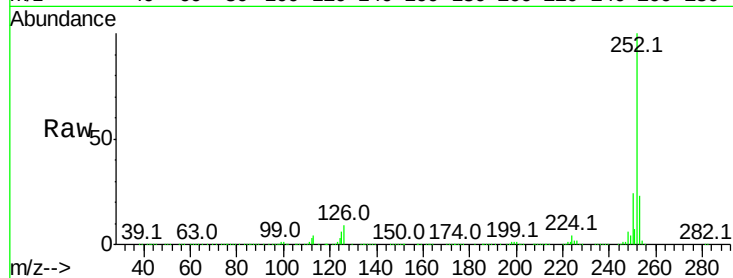
#88
Benzo(k)fluoranthene
Concen: 87.53 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.4	9.0	13.6

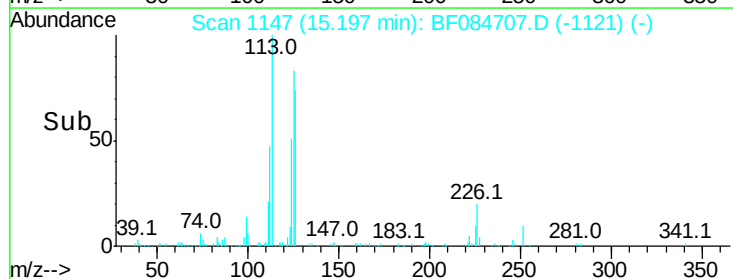
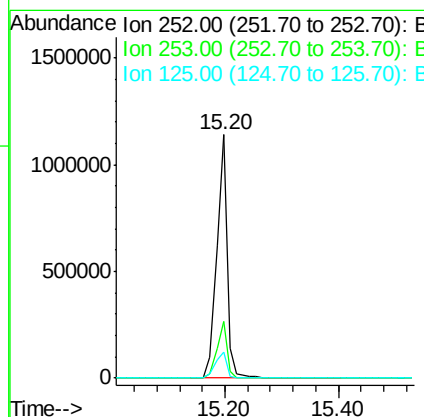
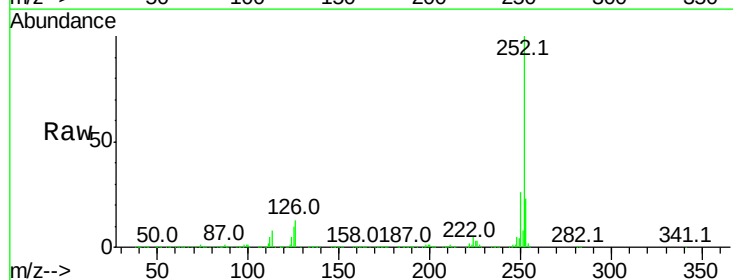
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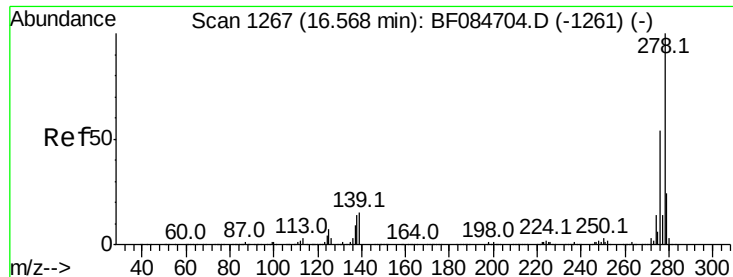
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#89
Benzo(a)pyrene
Concen: 75.35 ng
RT: 15.20 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.4	7.0	10.4





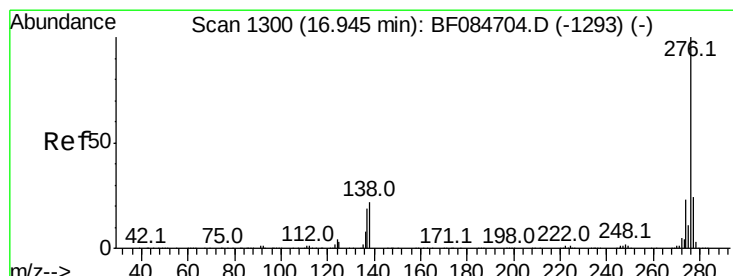
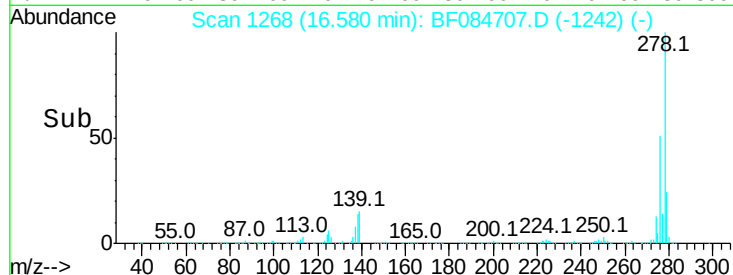
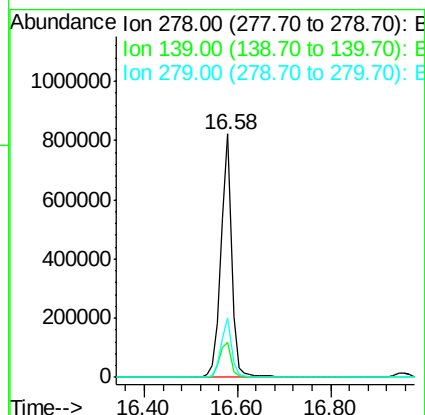
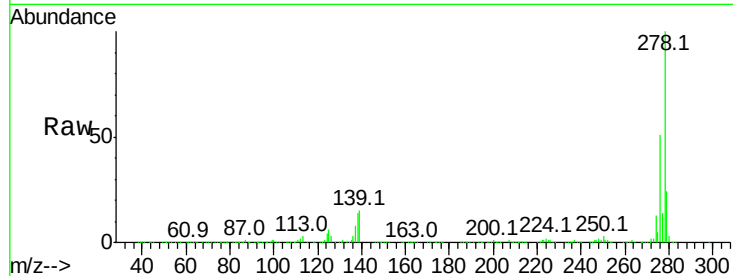
#90
Dibenzo(a,h)anthracene
Concen: 77.62 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.0	22.4#
279	24.2	18.9	28.3

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#91
Benzo(g,h,i)perylene
Concen: 81.36 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	21.7	17.8	26.6

