

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088785.D
 Acq On : 7 Jul 2016 18:15
 Operator : UM/SJ
 Sample : H3871-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Quant Time: Jul 08 05:07:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	82918	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	323724	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	164543	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	325026	20.00	ng	0.00
75) Chrysene-d12	13.89	240	231891	20.00	ng	0.00
86) Perylene-d12	15.27	264	163493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	605608	109.46	ng	0.01
7) Phenol-d6	6.39	99	798322	111.67	ng	0.00
23) Nitrobenzene-d5	7.30	82	546817	88.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	230648	150.95	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	921383	88.45	ng	0.00
78) Terphenyl-d14	12.85	244	963401	92.54	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.99	79	216543	27.21	ng	92
4) n-Nitrosodimethylamine	2.96	42	97744	32.14	ng	84
6) Aniline	6.40	93	249386	23.94	ng	# 1
8) 2-Chlorophenol	6.52	128	229671	38.62	ng	99
9) Benzaldehyde	6.28	77	174367	36.01	ng	95
10) Phenol	6.40	94	334379	40.98	ng	# 69
11) bis(2-Chloroethyl)ether	6.48	93	197665	32.49	ng	93
12) 1,3-Dichlorobenzene	6.68	146	236479m	36.14	ng	
13) 1,4-Dichlorobenzene	6.75	146	233792	36.00	ng	93
14) 1,2-Dichlorobenzene	6.91	146	243137m	40.00	ng	
15) Benzyl Alcohol	6.89	79	227328	43.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	252720	28.68	ng	89
17) 2-Methylphenol	7.00	107	191489	39.47	ng	96
18) Hexachloroethane	7.26	117	96093	38.25	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	169559	35.31	ng	89
20) 3+4-Methylphenols	7.16	107	263894	45.33	ng	# 84
22) Acetophenone	7.15	105	327960	41.74	ng	# 89
24) Nitrobenzene	7.32	77	258248	41.46	ng	# 84
25) Isophorone	7.56	82	490423	42.86	ng	96
26) 2-Nitrophenol	7.64	139	134340	52.60	ng	88
27) 2,4-Dimethylphenol	7.69	122	237832	44.71	ng	90
28) bis(2-Chloroethoxy)methane	7.78	93	286249	38.44	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	193517	45.01	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	194570	41.24	ng	98
31) Naphthalene	8.04	128	650348	40.75	ng	100
32) Benzoic acid	7.82	122	120785	31.27	ng	92
33) 4-Chloroaniline	8.09	127	151080	21.28	ng	94
34) Hexachlorobutadiene	8.17	225	112614	44.58	ng	99
35) Caprolactam	8.48	113	72198m	49.45	ng	
36) 4-Chloro-3-methylphenol	8.59	107	256241	50.40	ng	97
37) 2-Methylnaphthalene	8.74	142	484375	47.14	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	186464	34.07	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	176601	65.74	ng	98
42) 2,4,6-Trichlorophenol	9.02	196	143047	39.64	ng	96

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 ALS Vial : 13 Sample Multiplier: 1

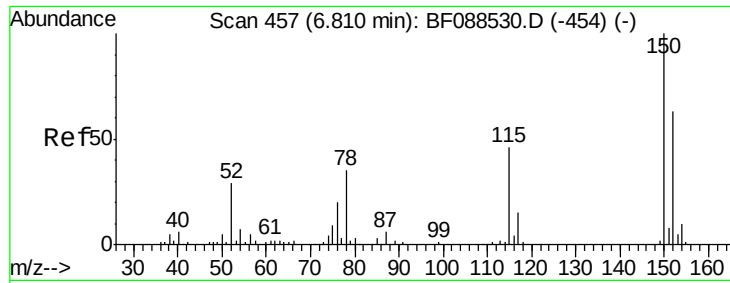
Instrument :
 BNA_F
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	146604	47.22	ng	# 91
45) 1,1'-Biphenyl	9.21	154	560935	41.17	ng	96
46) 2-Chloronaphthalene	9.22	162	429426	40.15	ng	96
47) 2-Nitroaniline	9.32	65	155222	40.89	ng	96
48) Acenaphthylene	9.64	152	740282	43.50	ng	99
49) Dimethylphthalate	9.52	163	560588	47.82	ng	98
50) 2,6-Dinitrotoluene	9.58	165	126817	48.81	ng	# 86
51) Acenaphthene	9.82	154	495622	47.51	ng	98
52) 3-Nitroaniline	9.74	138	89557	27.12	ng	92
53) 2,4-Dinitrophenol	9.84	184	89906	78.37	ng	# 81
54) Dibenzofuran	9.99	168	649389	47.56	ng	# 90
55) 4-Nitrophenol	9.91	139	178393	71.08	ng	91
56) 2,4-Dinitrotoluene	9.98	165	178714	52.61	ng	# 70
57) Fluorene	10.33	166	521975	49.60	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	113466	47.24	ng	# 47
59) Diethylphthalate	10.22	149	579050	49.22	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	192492	39.37	ng	# 88
61) 4-Nitroaniline	10.35	138	132973	41.84	ng	86
62) Azobenzene	10.48	77	594127	44.27	ng	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	66082	38.01	ng	89
65) n-Nitrosodiphenylamine	10.44	169	471108	42.83	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	149616	45.68	ng	95
67) Hexachlorobenzene	10.87	284	142352	39.26	ng	# 90
68) Atrazine	10.97	200	125847	36.71	ng	91
69) Pentachlorophenol	11.06	266	155249	72.35	ng	96
70) Phenanthrene	11.28	178	671525	37.80	ng	100
71) Anthracene	11.34	178	803501	45.48	ng	99
72) Carbazole	11.48	167	614770	36.97	ng	99
73) Di-n-butylphthalate	11.83	149	796069	41.16	ng	99
74) Fluoranthene	12.47	202	789081	43.81	ng	93
76) Benzidine	12.58	184	312920	26.70	ng	99
77) Pyrene	12.69	202	711617	36.19	ng	100
79) Butylbenzylphthalate	13.31	149	344715	39.30	ng	# 70
80) Benzo(a)anthracene	13.87	228	619548	41.49	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	142201	25.33	ng	# 96
82) Chrysene	13.91	228	479011	32.42	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	470188	46.96	ng	# 100
84) Di-n-octyl phthalate	14.49	149	712540	41.89	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	475488	41.83	ng	# 100
87) Benzo(b)fluoranthene	14.88	252	455333m	44.40	ng	
88) Benzo(k)fluoranthene	14.90	252	435554m	48.78	ng	
89) Benzo(a)pyrene	15.21	252	425262	48.97	ng	# 95
90) Dibenzo(a,h)anthracene	16.59	278	391824	54.04	ng	98
91) Benzo(g,h,i)perylene	16.98	276	404811	53.95	ng	# 92

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



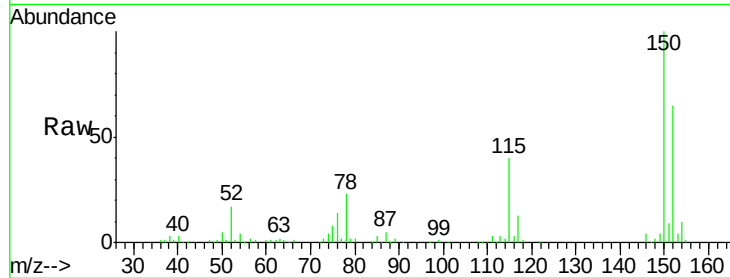
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

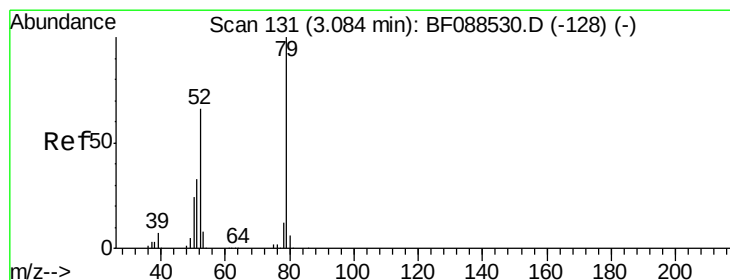
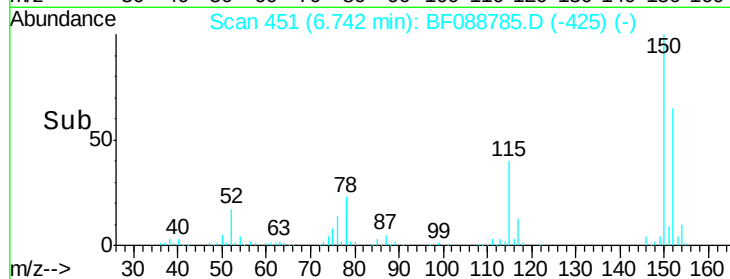
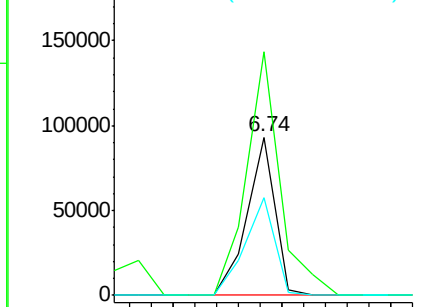
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.8	185.6
115	61.3	39.6	59.4

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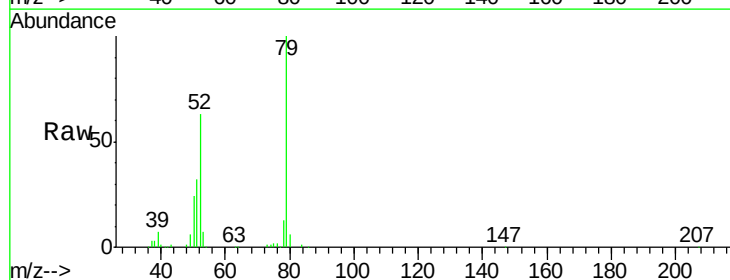
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



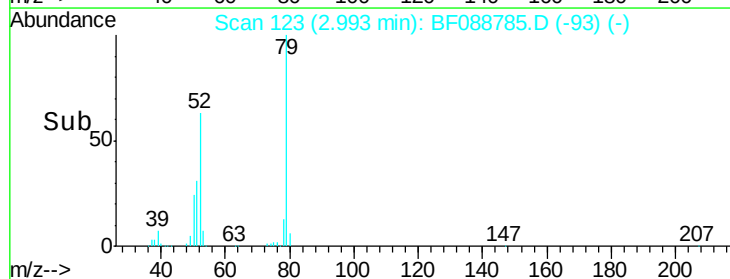
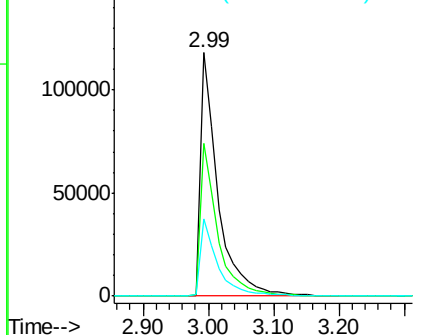
#3

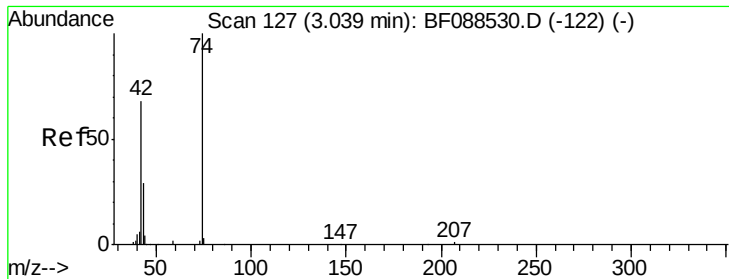
Pyridine
Concen: 27.21 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.05 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.5	56.3	84.5
51	31.6	27.4	41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 32.14 ng

RT: 2.96 min Scan# 120

Delta R.T. 0.05 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

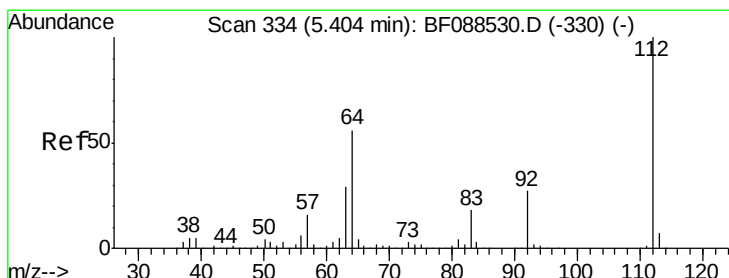
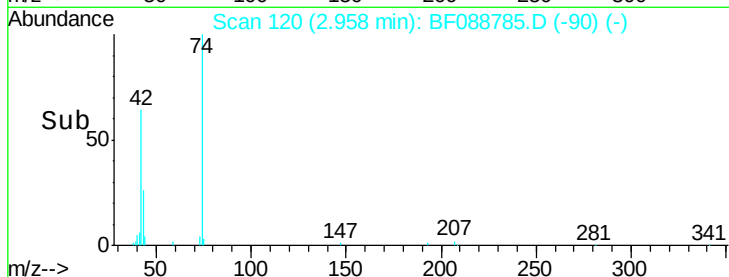
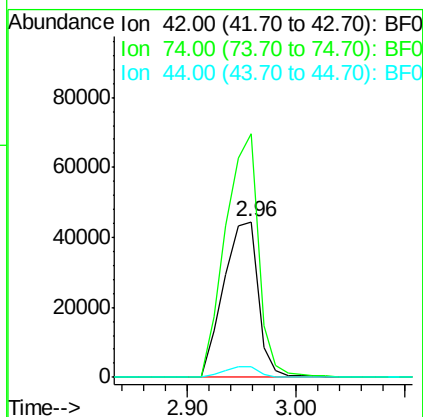
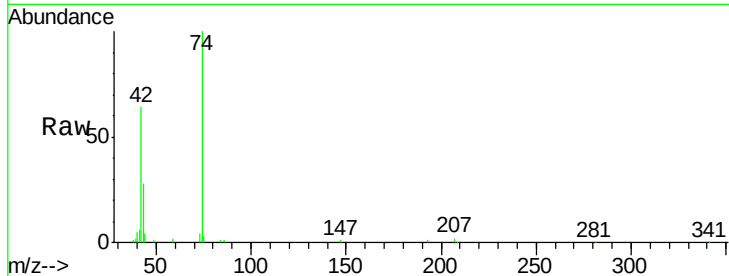
K8-B2(0-11)CMSD

Tgt Ion:	42	Resp:	97744
Ion	Ratio	Lower	Upper
42	100		
74	156.3	108.6	163.0
44	6.5	5.5	8.3

Manual Integrations

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#5

2-Fluorophenol

Concen: 109.46 ng

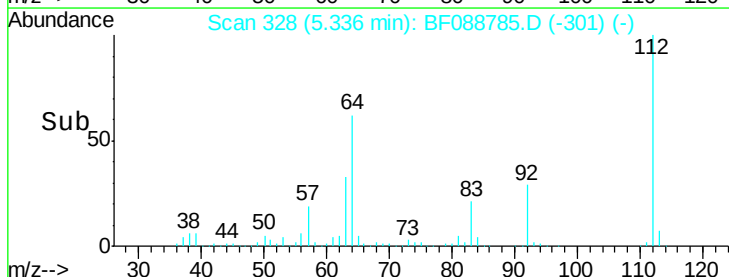
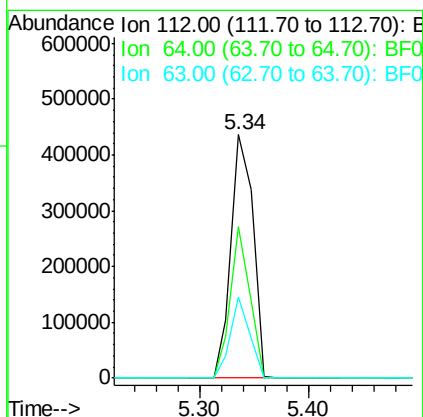
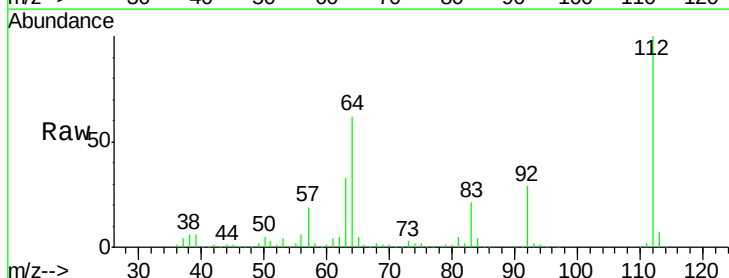
RT: 5.34 min Scan# 328

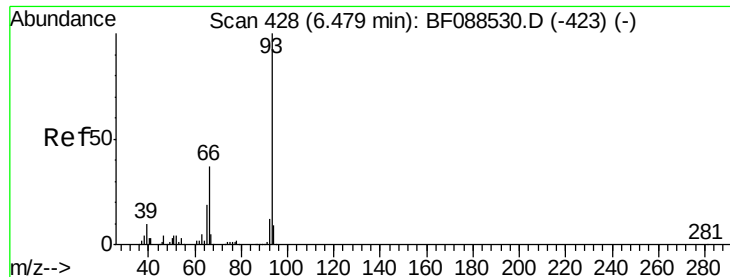
Delta R.T. 0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Tgt Ion:	112	Resp:	605608
Ion	Ratio	Lower	Upper
112	100		
64	62.4	42.2	63.2
63	33.3	21.8	32.8#





#6

Aniline

Concen: 23.94 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088785.D

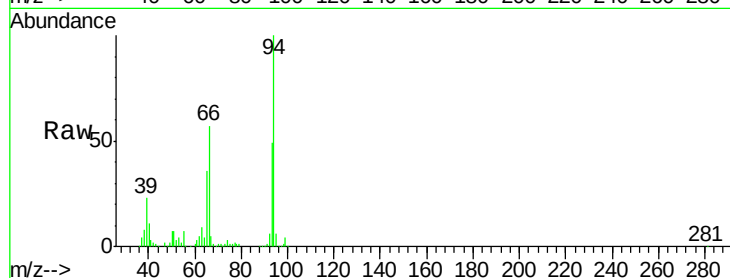
Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD



Tgt Ion: 93 Resp: 249386

Ion Ratio Lower Upper

93 100

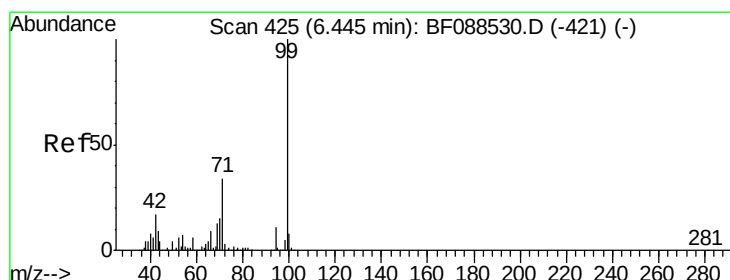
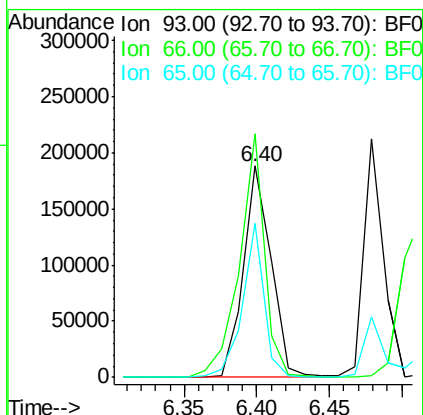
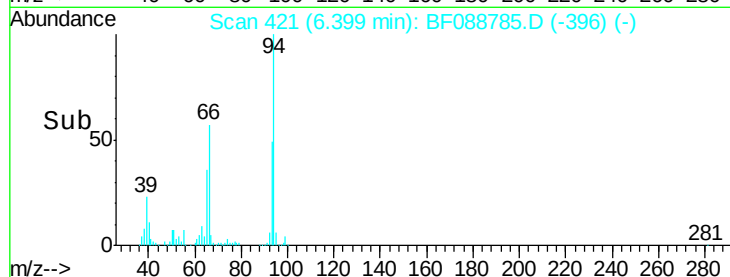
66 115.2 29.8 44.8#

65 72.6 14.9 22.3#

Manual Integrations

SOHIL

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#7

Phenol-d6

Concen: 111.67 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

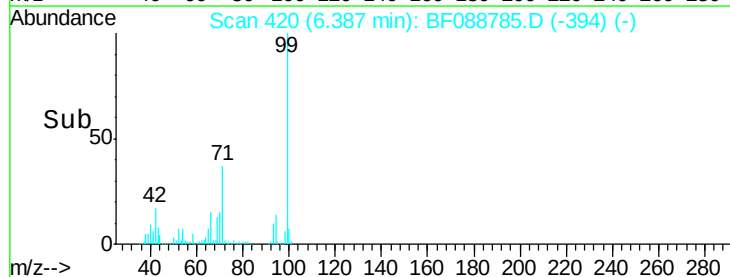
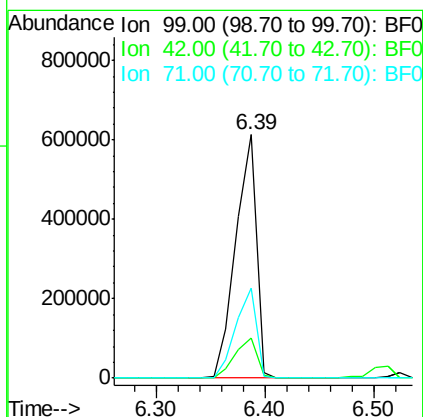
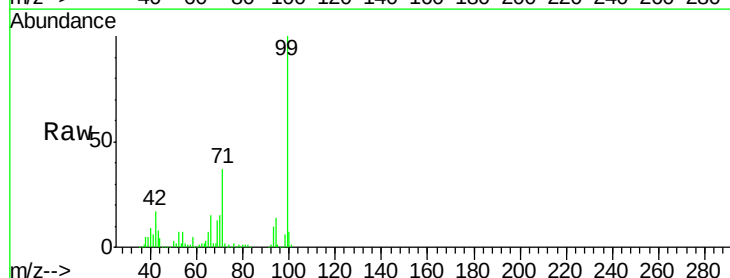
Tgt Ion: 99 Resp: 798322

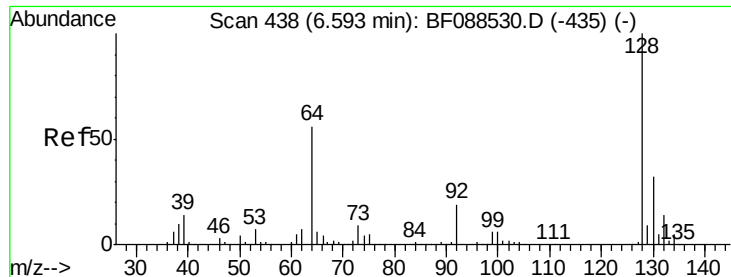
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 37.1 23.4 35.0#





#8

2-Chlorophenol

Concen: 38.62 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:128 Resp: 229671

Ion Ratio Lower Upper

128 100

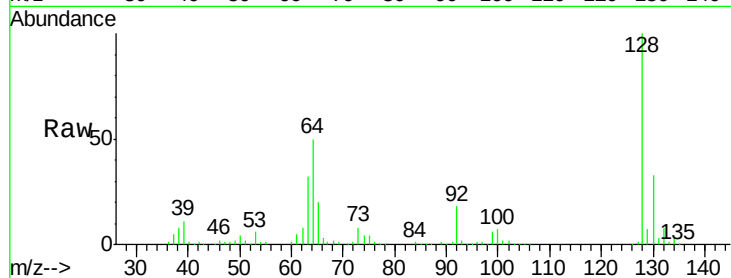
130 32.5 12.0 52.0

64 49.9 30.8 70.8

Manual Integrations

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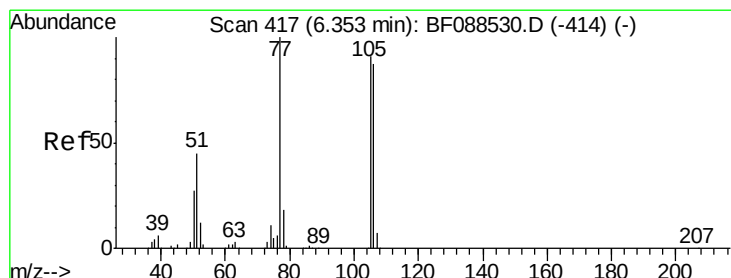
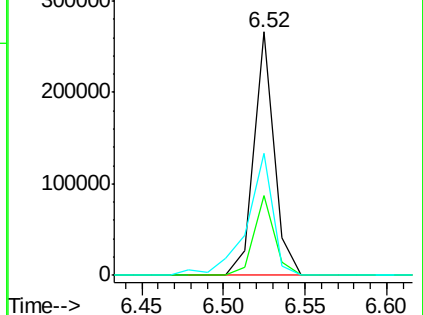
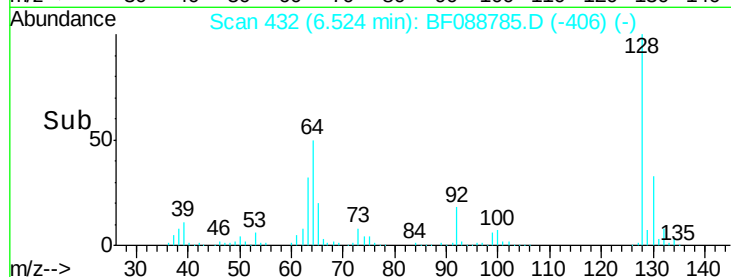
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 36.01 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

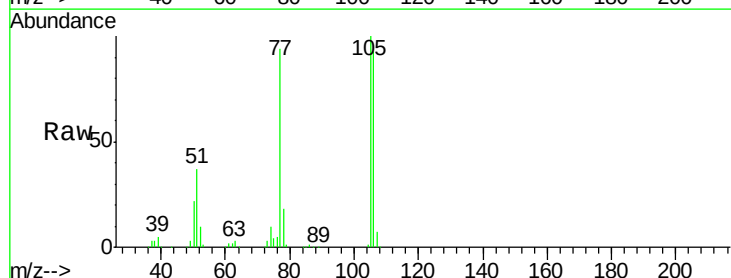
Tgt Ion: 77 Resp: 174367

Ion Ratio Lower Upper

77 100

105 106.5 90.6 130.6

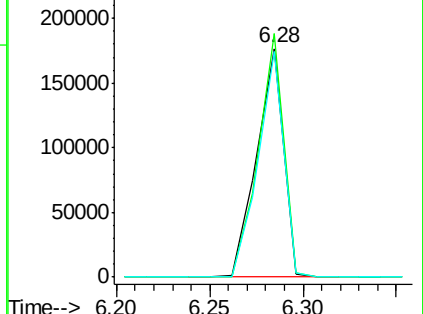
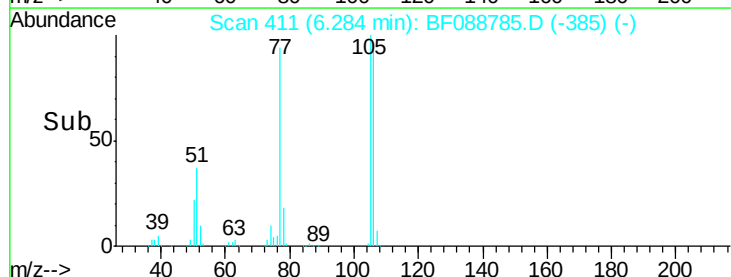
106 99.0 85.3 125.3

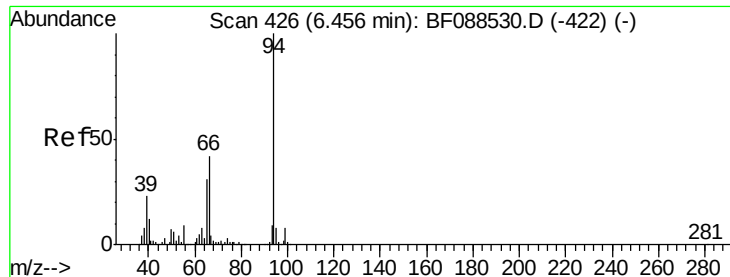


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



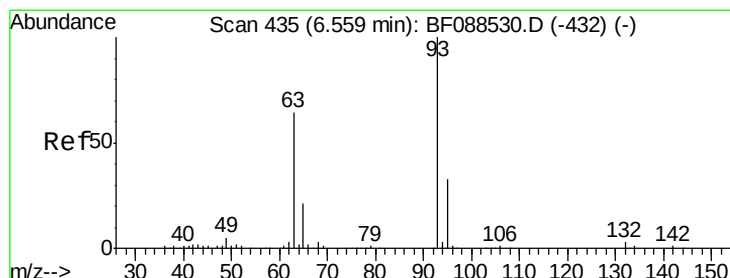
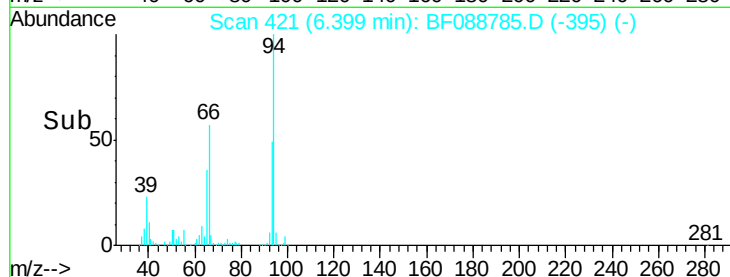
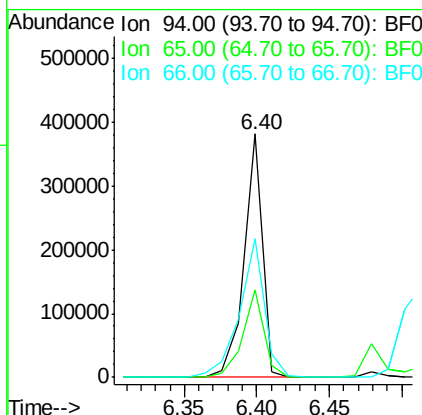
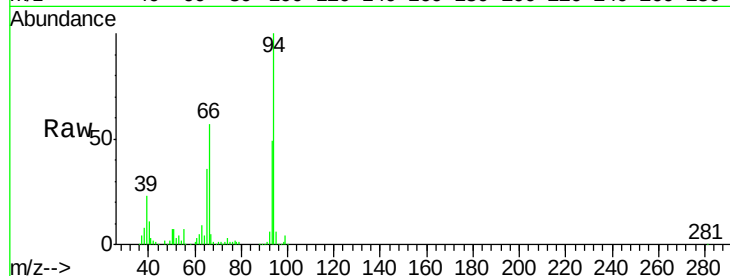


#10
Phenol
Concen: 40.98 ng
RT: 6.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

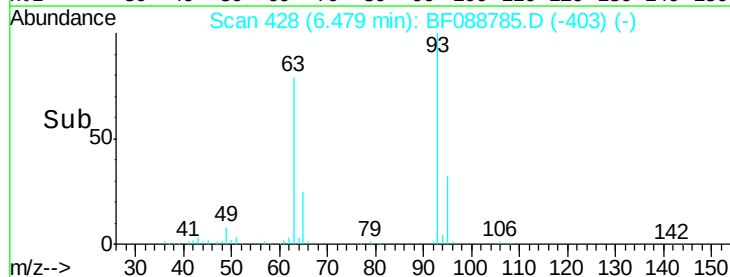
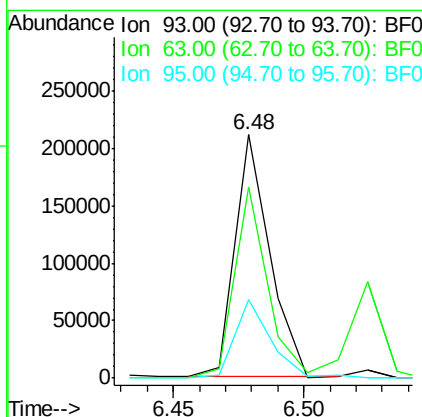
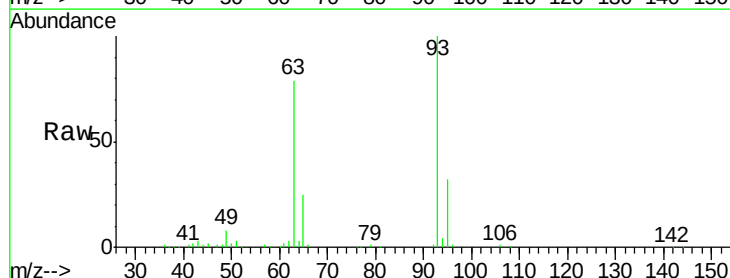
Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.8	5.9	45.9
66	56.8	14.0	54.0

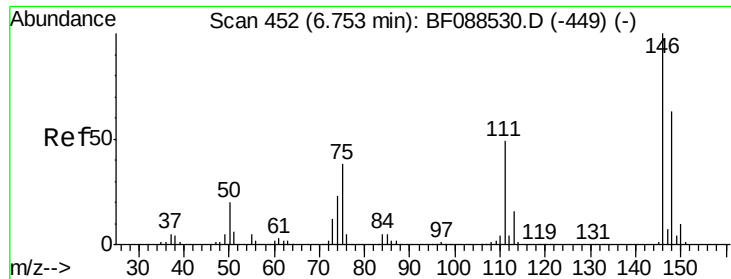
Manual Integrations
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7/8/2016 7:04:01 AM



#11
bis(2-Chloroethyl)ether
Concen: 32.49 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.8	67.6	107.6
95	32.2	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 36.14 ng m

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:146 Resp: 236479

Ion Ratio Lower Upper

146 100

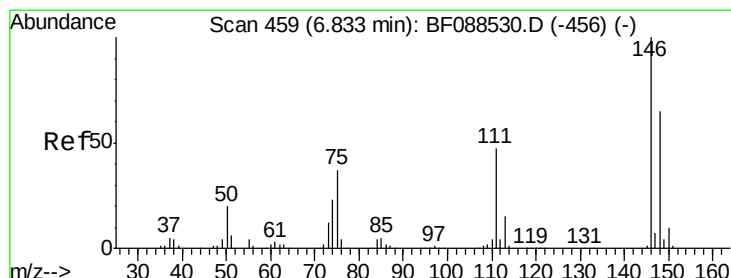
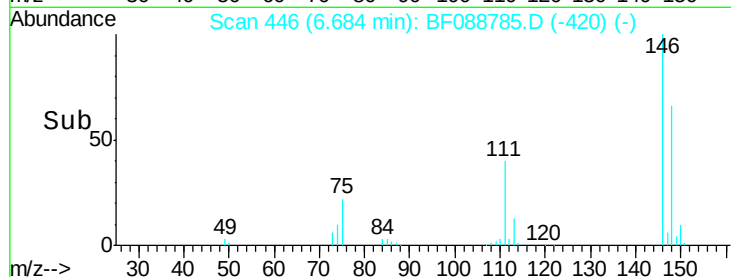
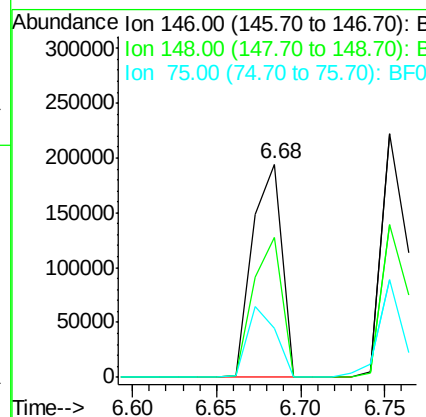
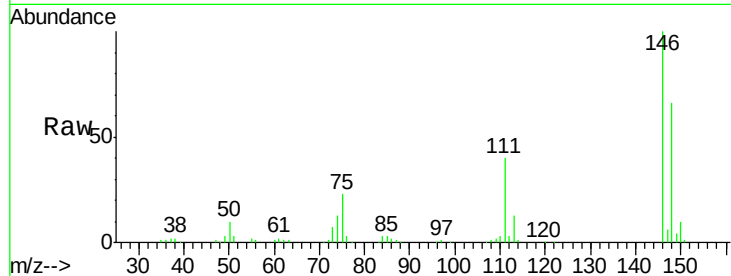
148 66.0 50.9 76.3

75 22.9 25.6 38.4#

Manual Integrations

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7/8/2016 7:04:01 AM



#13

1,4-Dichlorobenzene

Concen: 36.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

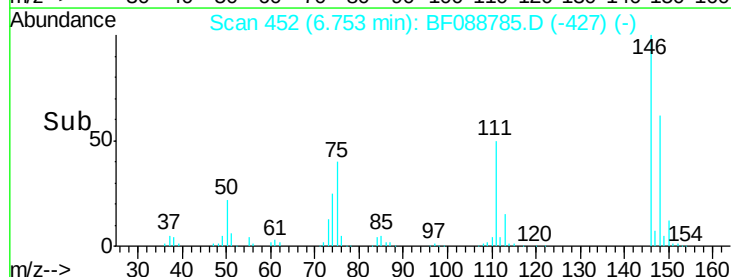
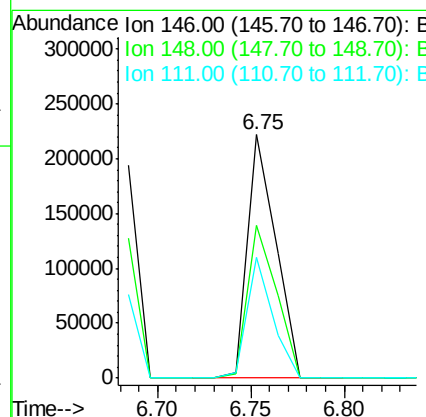
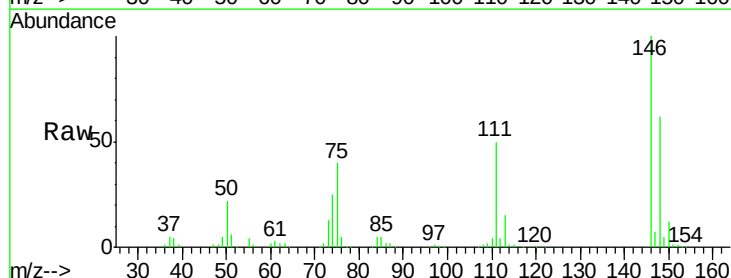
Tgt Ion:146 Resp: 233792

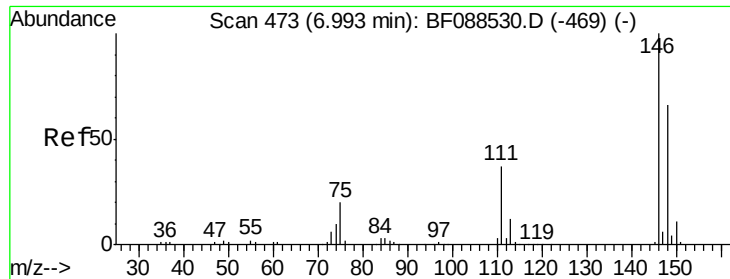
Ion Ratio Lower Upper

146 100

148 62.5 52.0 78.0

111 49.7 33.8 50.8



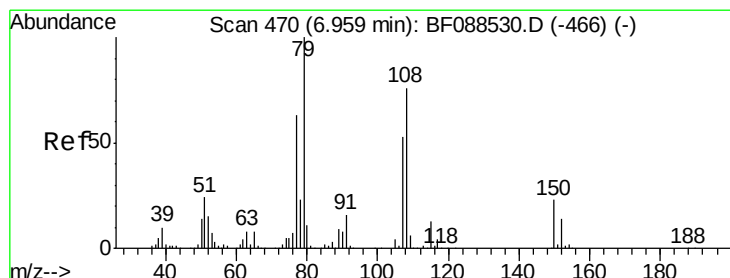
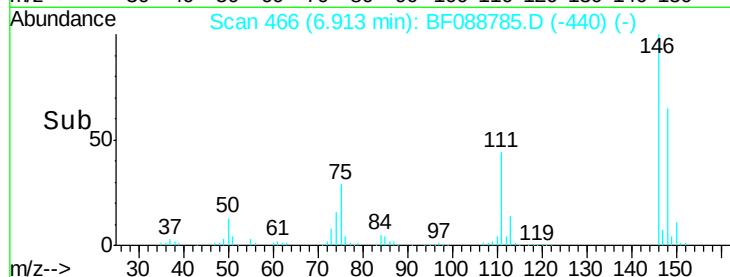
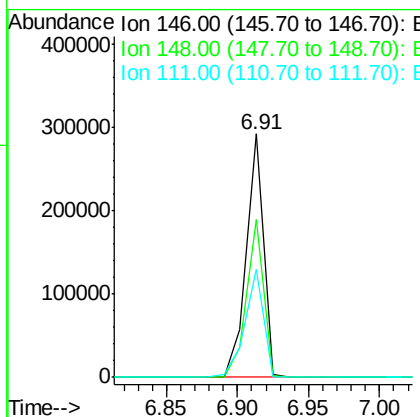
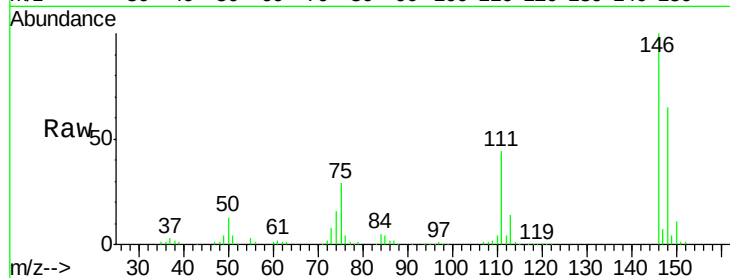


#14
1,2-Dichlorobenzene
Concen: 40.00 ng m
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

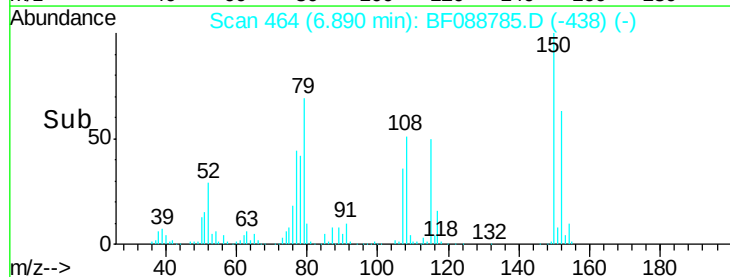
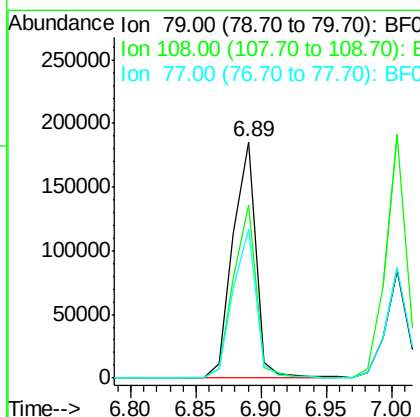
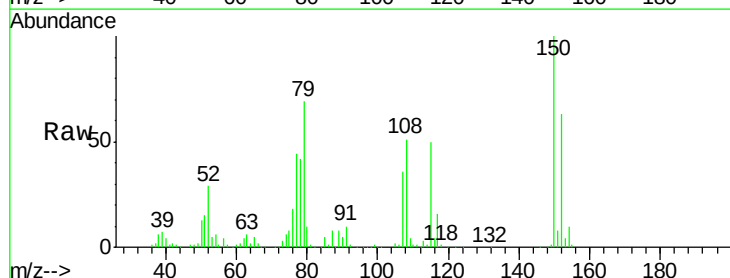
Tgt Ion:146 Resp: 243137
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
111 44.2 28.7 43.1#

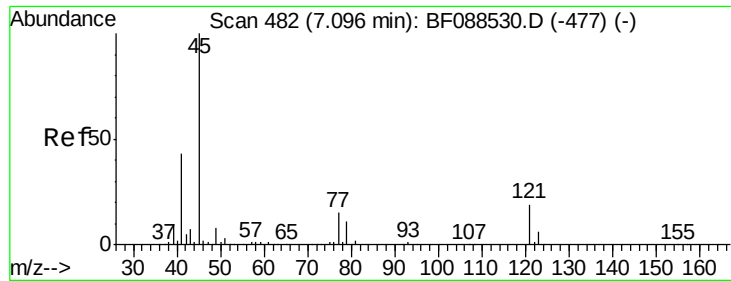
Manual Integrations
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#15
Benzyl Alcohol
Concen: 43.21 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 79 Resp: 227328
Ion Ratio Lower Upper
79 100
108 73.2 65.0 97.6
77 63.3 50.3 75.5



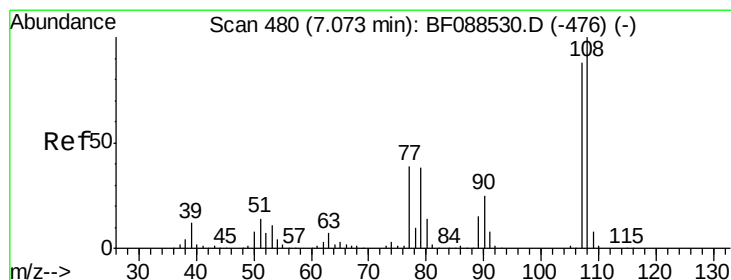
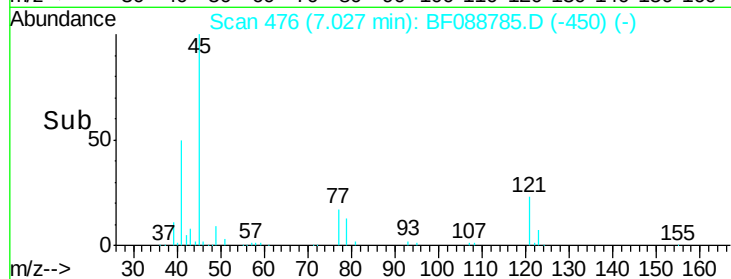
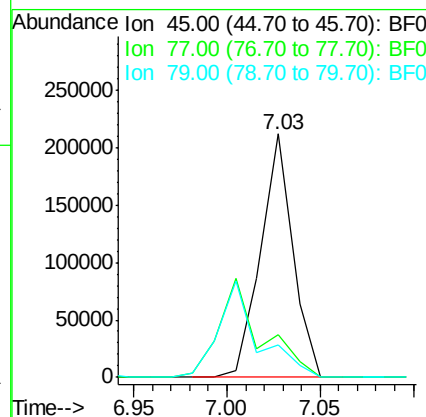
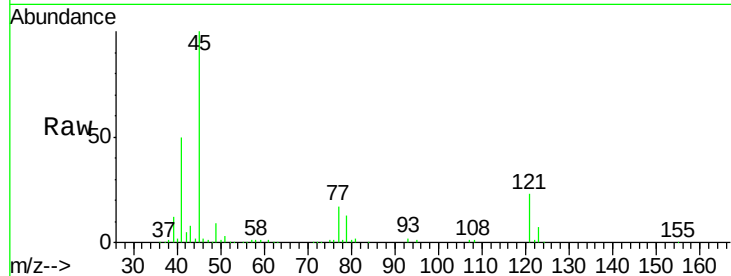


#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.68 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

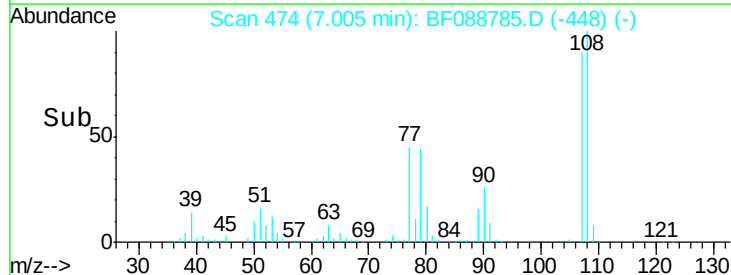
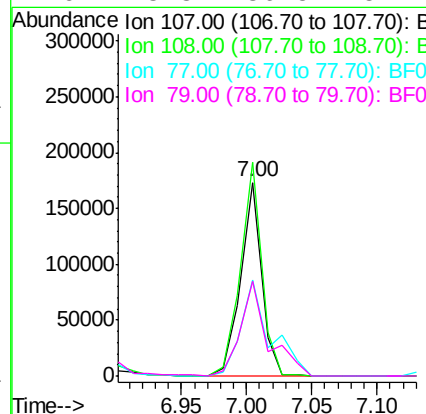
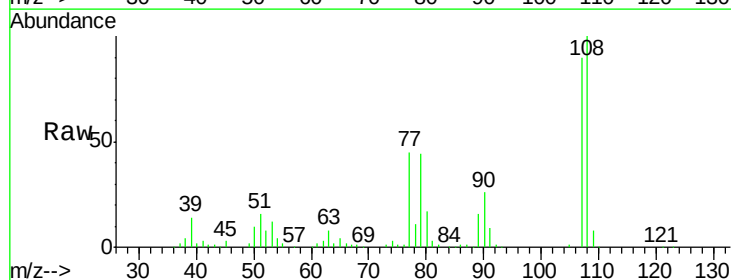
Tgt Ion: 45 Resp: 252720
Ion Ratio Lower Upper
45 100
77 17.4 0.0 32.5
79 13.2 0.0 29.5

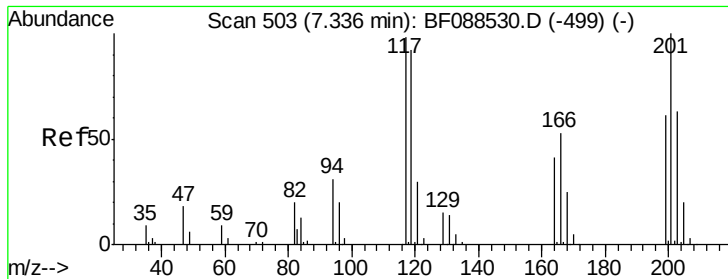
Manual Integrations
SOHIL
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#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 107 Resp: 191489
Ion Ratio Lower Upper
107 100
108 110.5 90.9 136.3
77 49.9 36.6 55.0
79 48.8 36.5 54.7



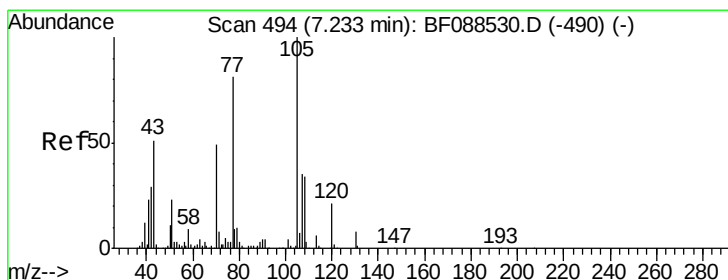
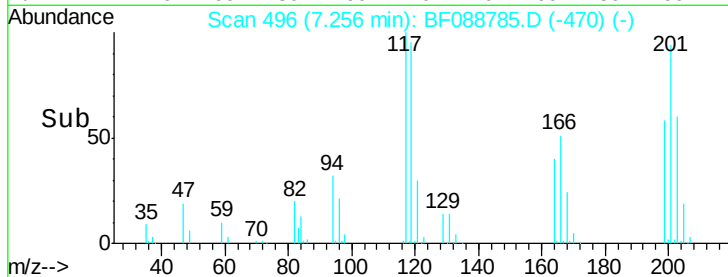
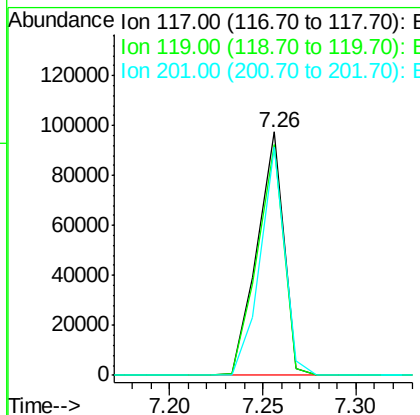
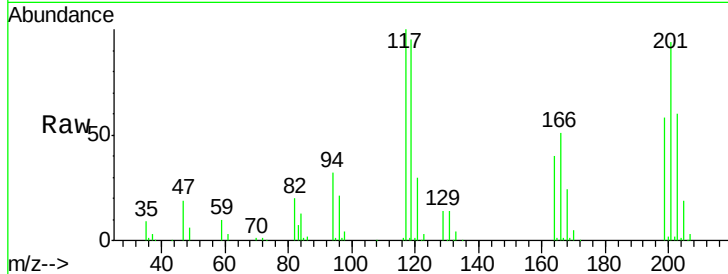


#18
Hexachloroethane
Concen: 38.25 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

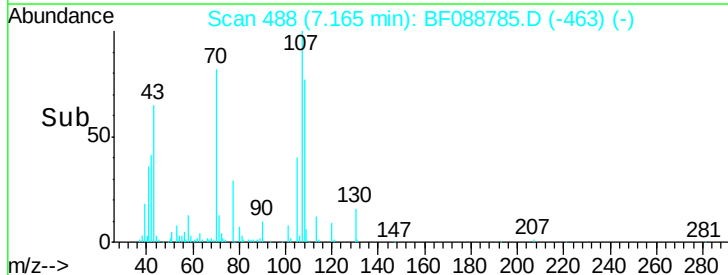
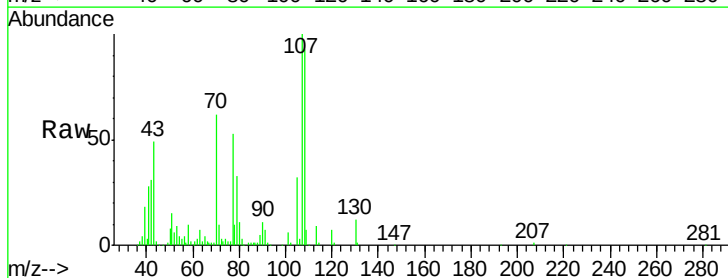
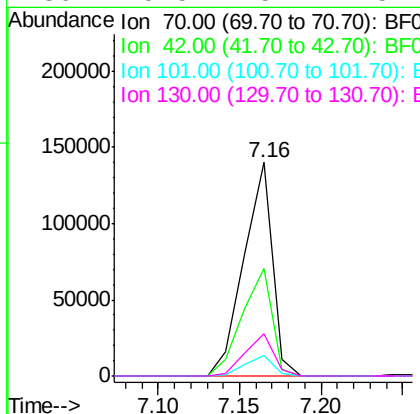
Tgt Ion: 117 Resp: 96093
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 94.0 80.4 120.6

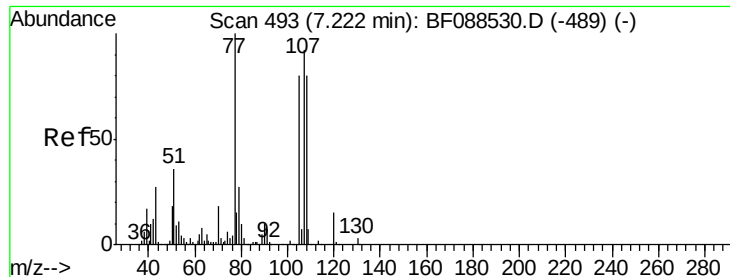
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#19
n-Nitroso-di-n-propylamine
Concen: 35.31 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 70 Resp: 169559
Ion Ratio Lower Upper
70 100
42 50.4 49.6 74.4
101 9.5 7.1 10.7
130 19.5 15.4 23.2



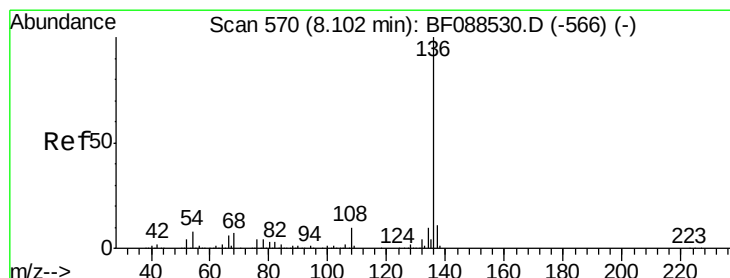
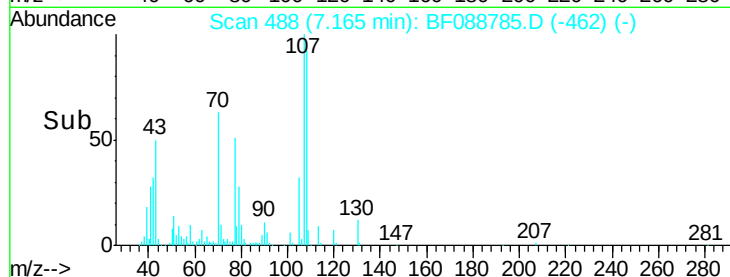
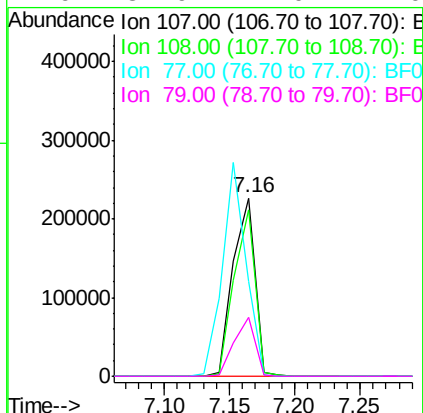
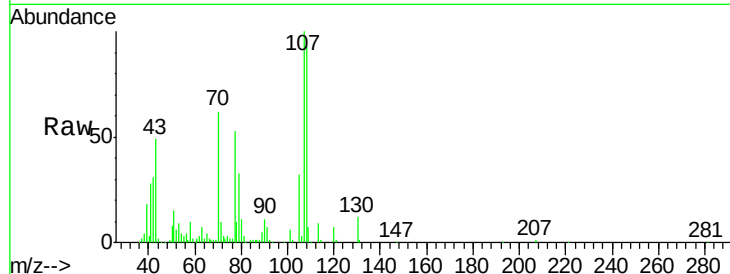


#20
3+4-Methylphenols
Concen: 45.33 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

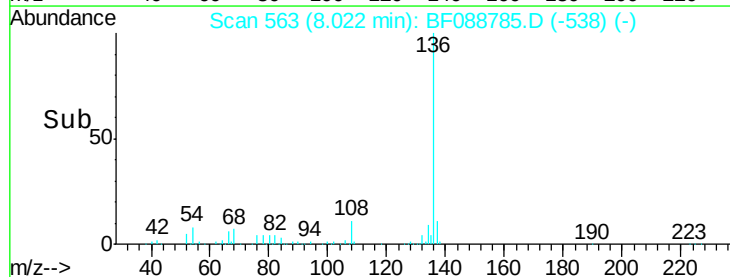
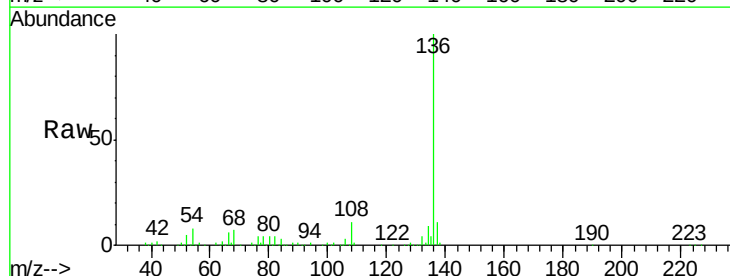
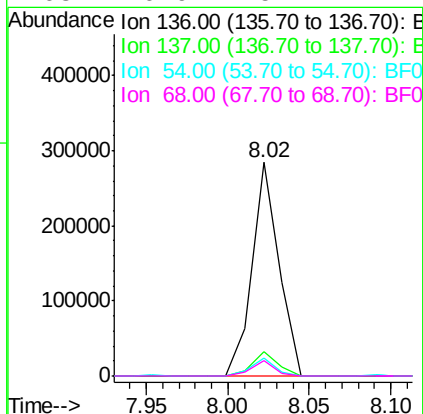
Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	67.8	107.8
77	53.2	59.3	99.3#
79	32.9	7.0	47.0

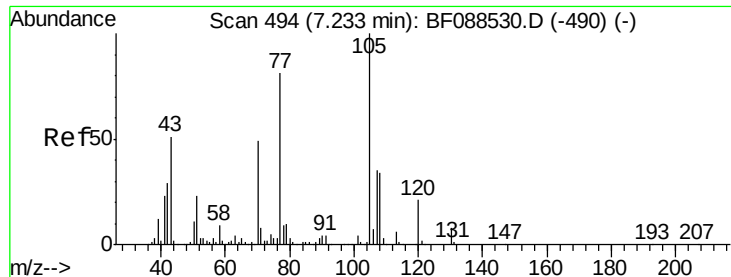
Manual Integrations
SOHIL
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.4	6.6	10.0
68	6.9	5.1	7.7



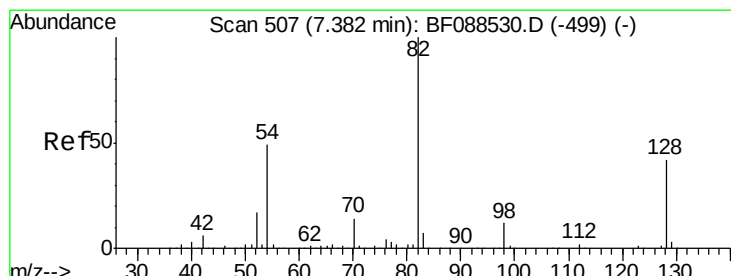
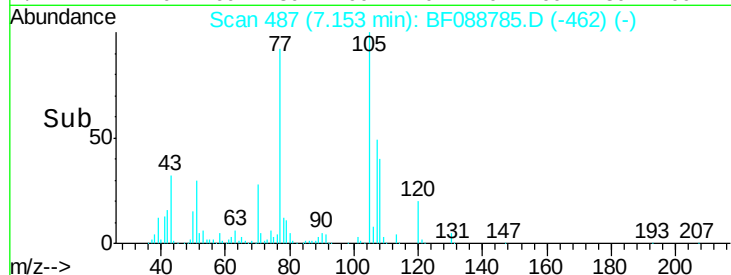
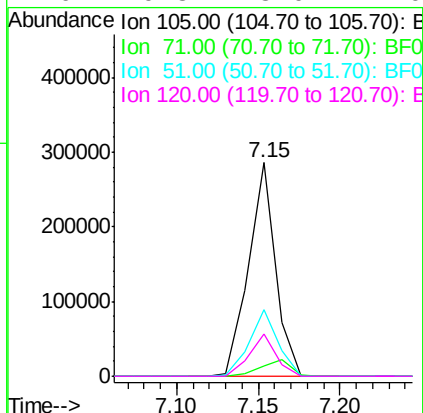
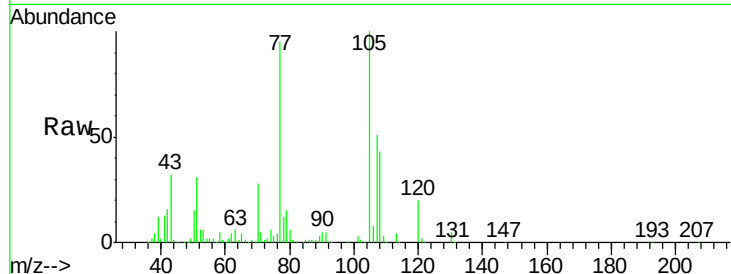


#22
Acetophenone
Concen: 41.74 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

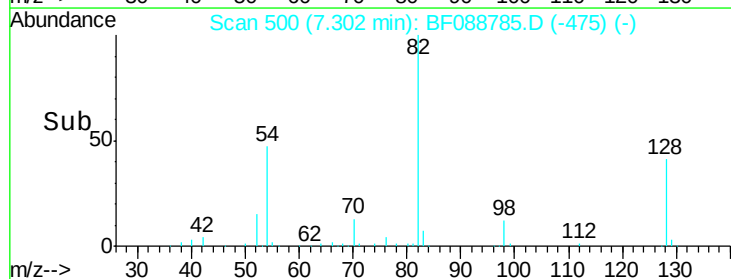
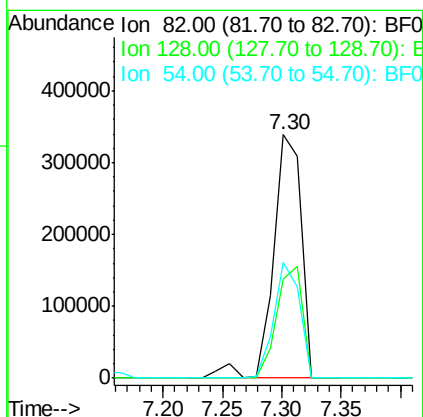
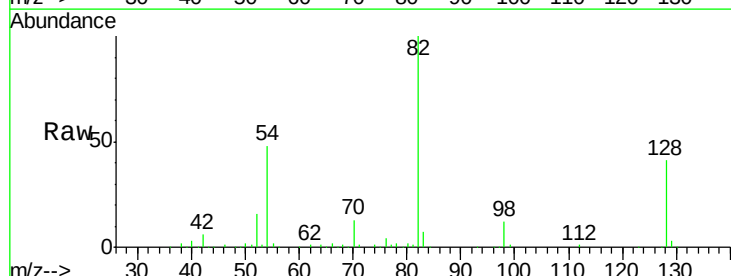
Tgt Ion: 105 Resp: 327960
Ion Ratio Lower Upper
105 100
71 4.7 5.3 7.9#
51 31.1 18.2 27.4#
120 19.8 18.0 27.0

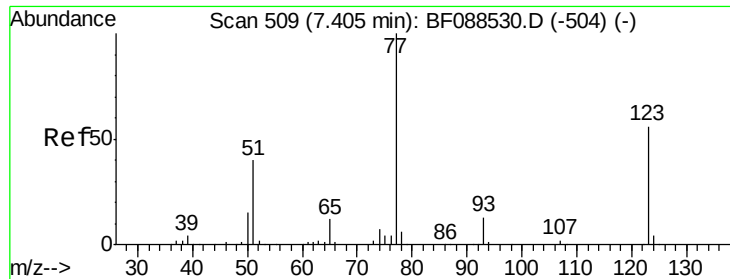
Manual Integrations
SOHIL
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#23
Nitrobenzene-d5
Concen: 88.52 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 82 Resp: 546817
Ion Ratio Lower Upper
82 100
128 40.7 35.9 53.9
54 47.5 40.9 61.3





#24

Nitrobenzene

Concen: 41.46 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion: 77 Resp: 258248

Ion Ratio Lower Upper

77 100

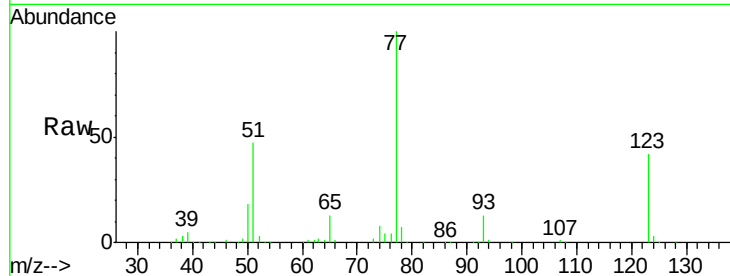
123 42.0 45.0 67.4#

65 13.2 10.2 15.2

Manual Integrations

SOHIL

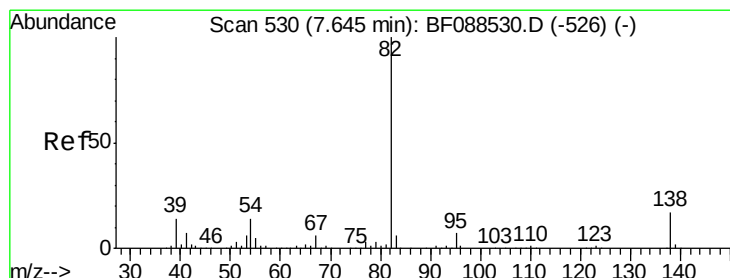
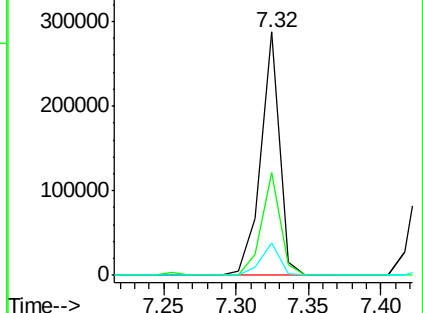
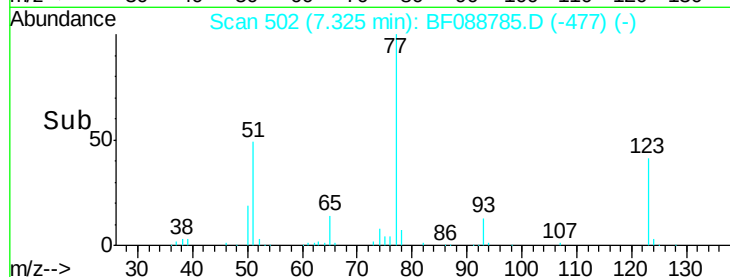
7/8/2016 7:04:01 AM



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: 42.86 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

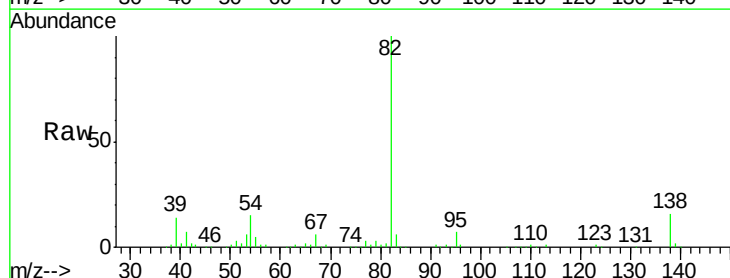
Tgt Ion: 82 Resp: 490423

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

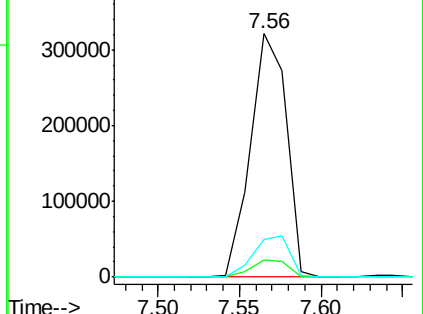
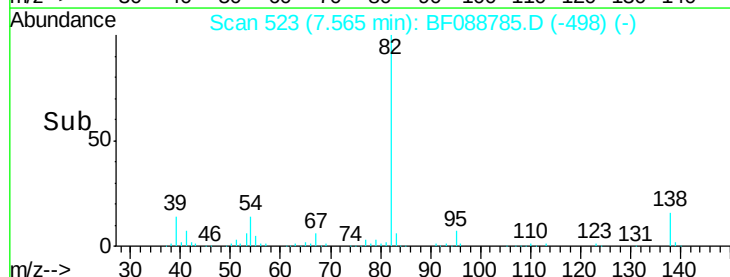
138 15.6 14.6 21.8

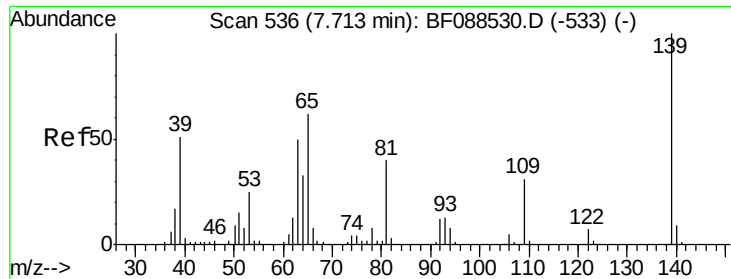


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



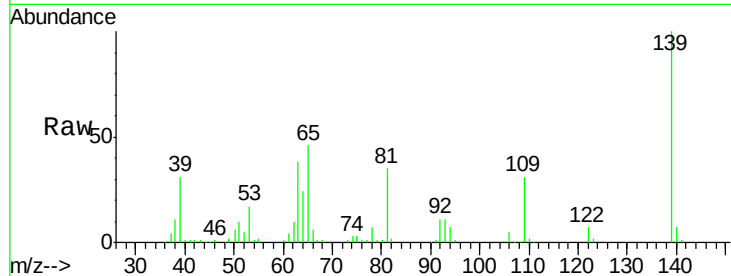


#26
2-Nitrophenol
Concen: 52.60 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

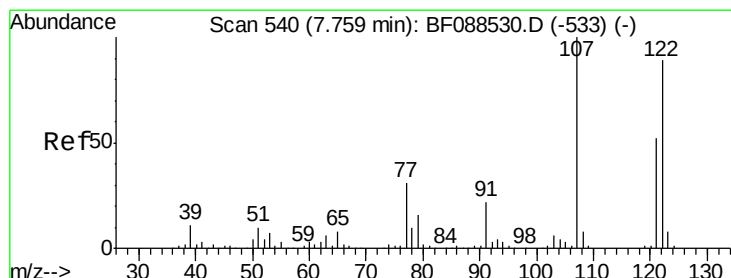
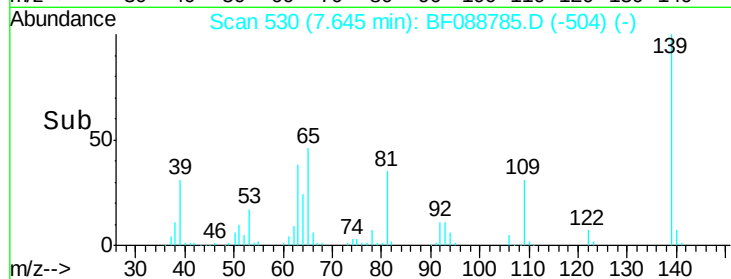
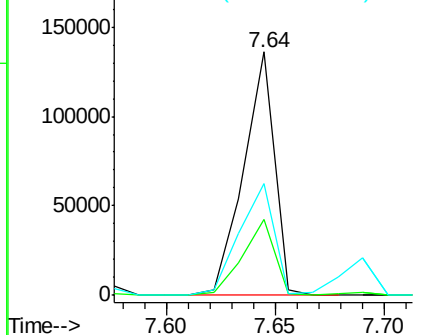
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.1	23.0	34.4
65	46.2	45.8	68.8

Manual Integrations
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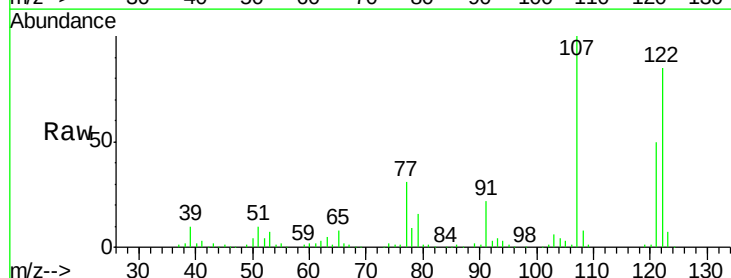


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

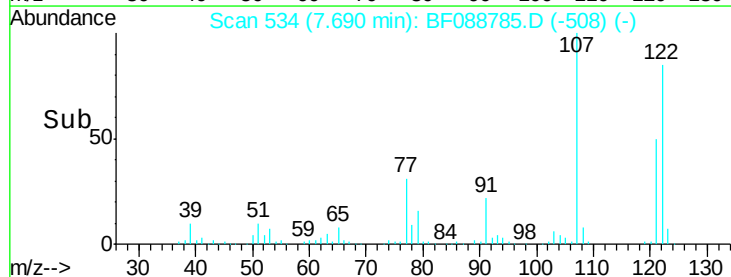
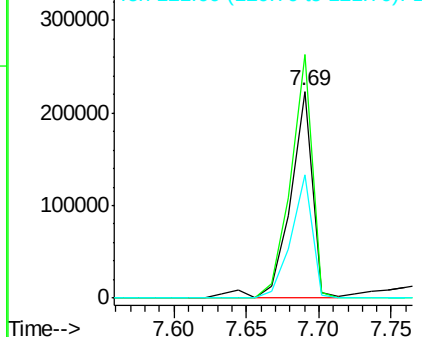


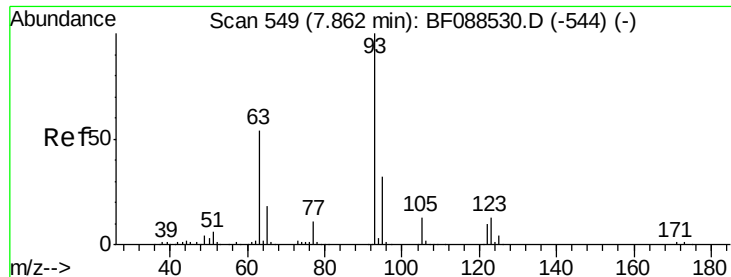
#27
2,4-Dimethylphenol
Concen: 44.71 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.6	82.4	123.6
121	59.3	46.3	69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



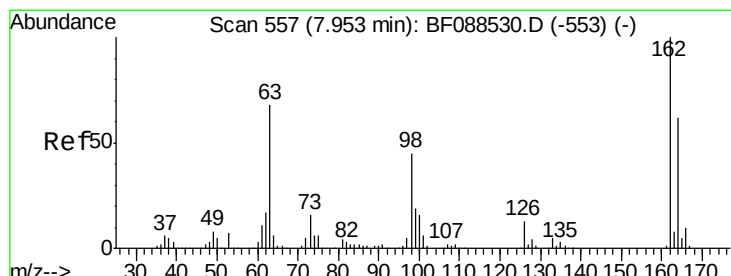
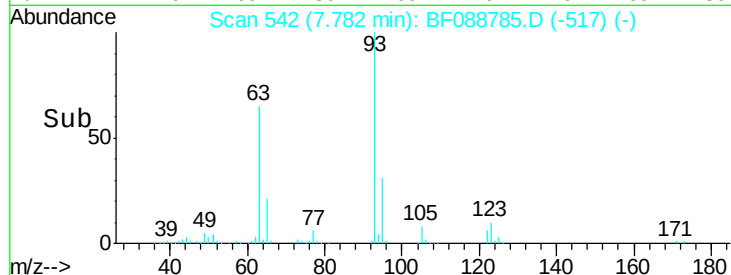
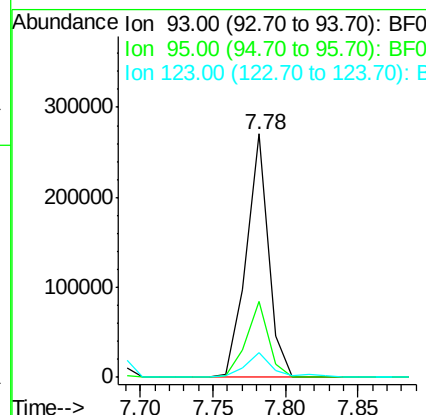
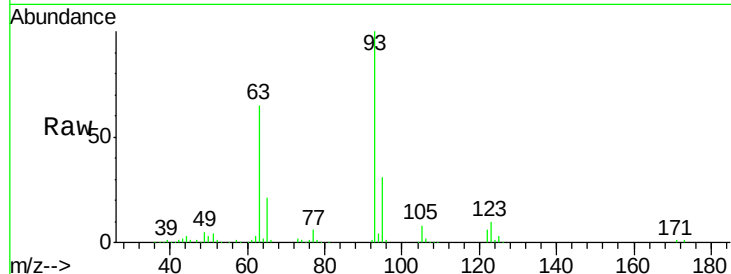


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.44 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

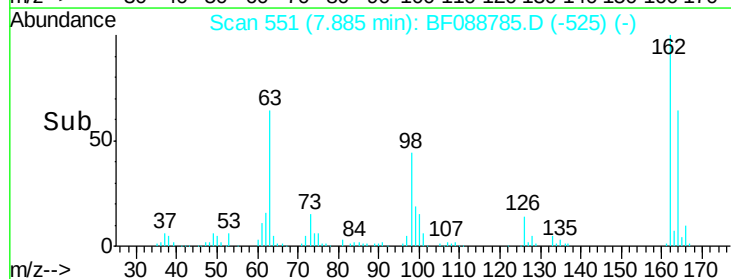
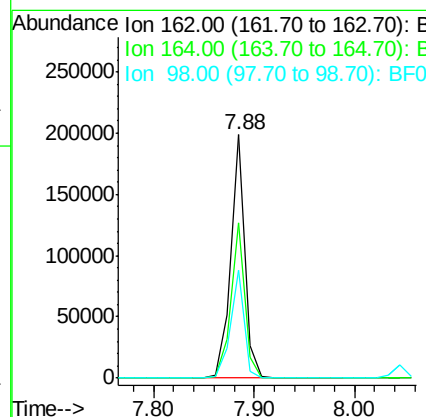
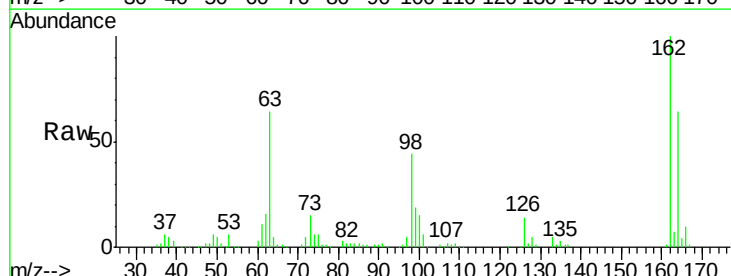
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.5	39.7
123	10.2	11.6	17.4

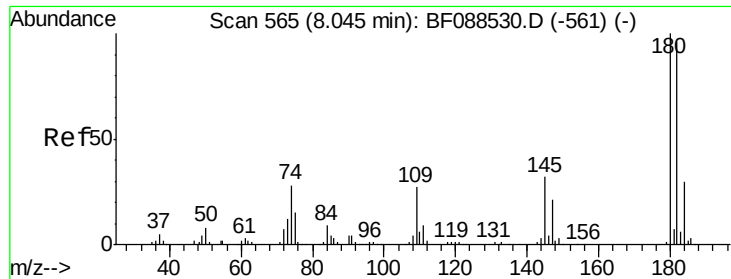
Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM



#29
 2,4-Dichlorophenol
 Concen: 45.01 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.8	83.8
98	44.5	21.3	61.3



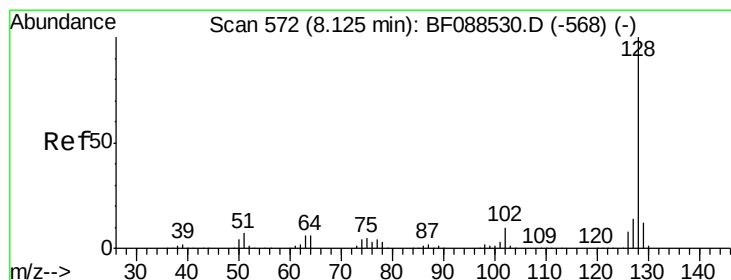
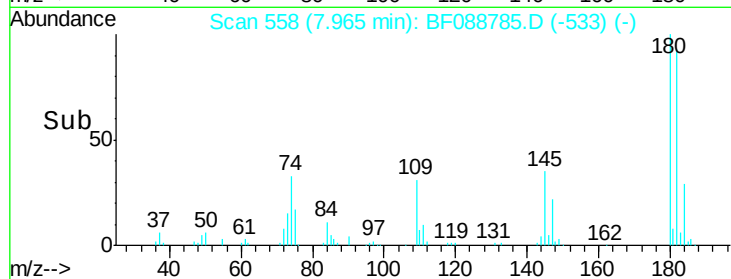
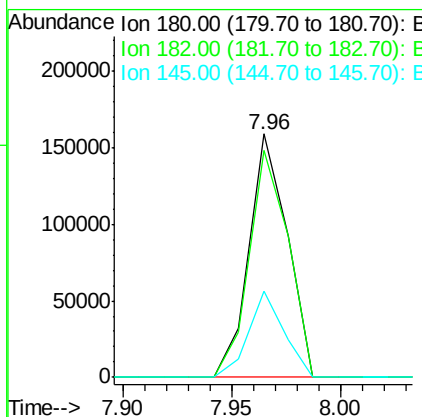
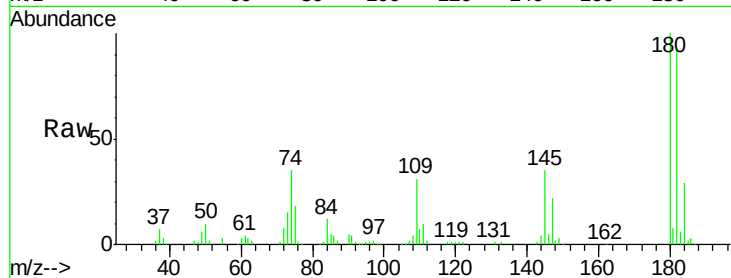


#30
1,2,4-Trichlorobenzene
Concen: 41.24 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

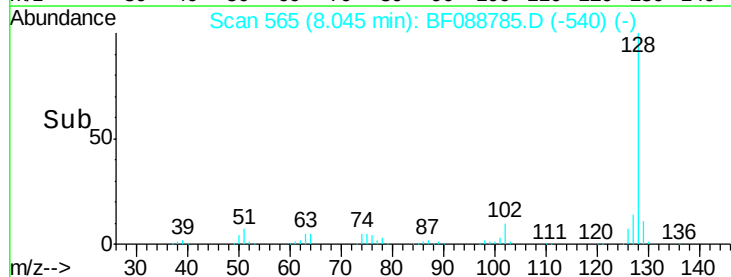
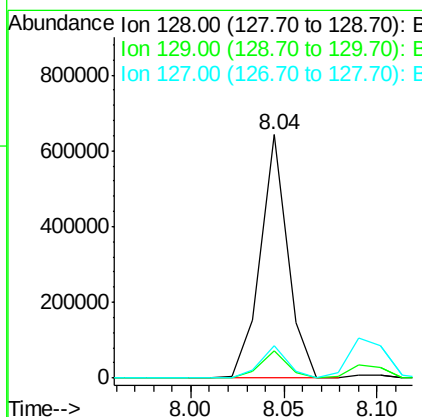
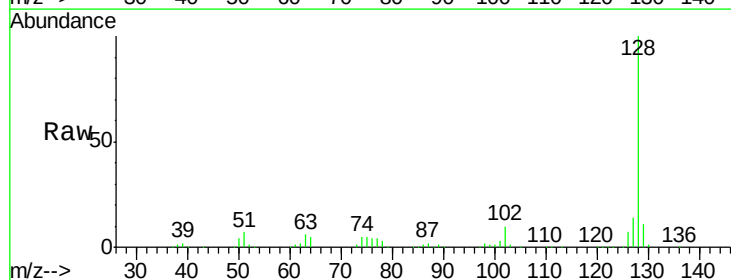
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	35.4	26.5	39.7

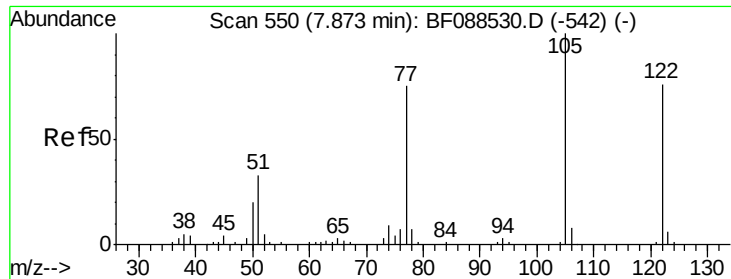
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#31
Naphthalene
Concen: 40.75 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.5	10.9	16.3





#32

Benzoic acid

Concen: 31.27 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:122 Resp: 120785

Ion Ratio Lower Upper

122 100

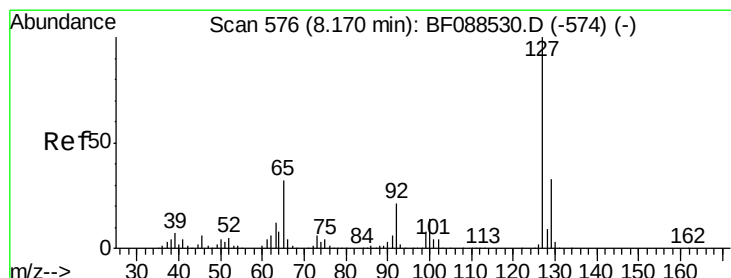
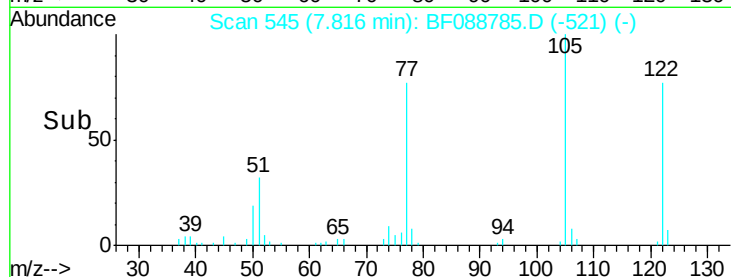
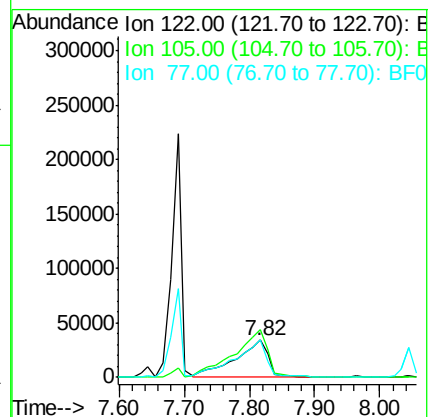
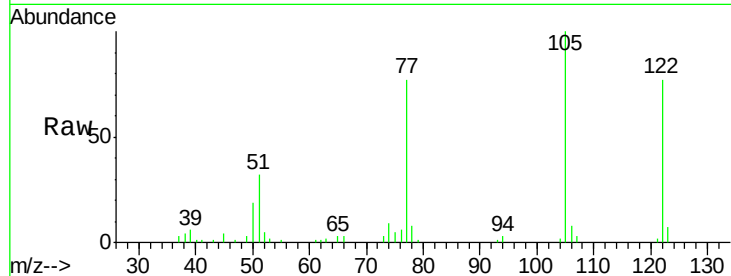
105 129.1 101.6 141.6

77 99.3 70.6 110.6

Manual Integrations

SOHIL

7/8/2016 7:04:01 AM



#33

4-Chloroaniline

Concen: 21.28 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Tgt Ion:127 Resp: 151080

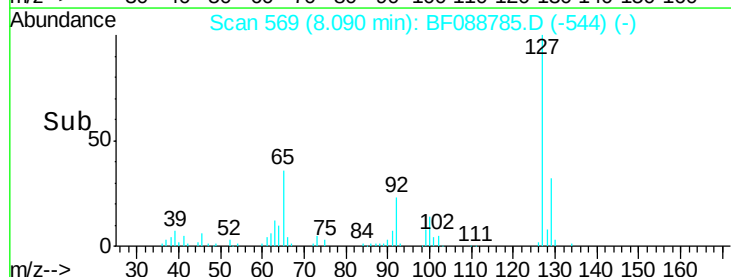
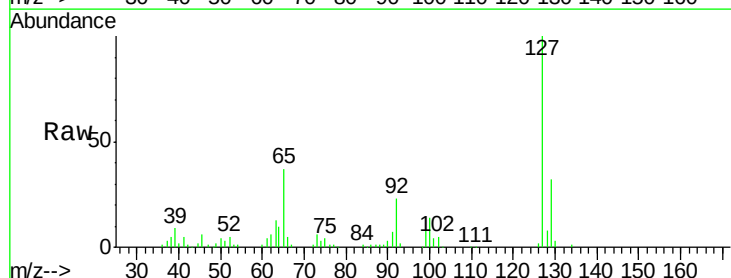
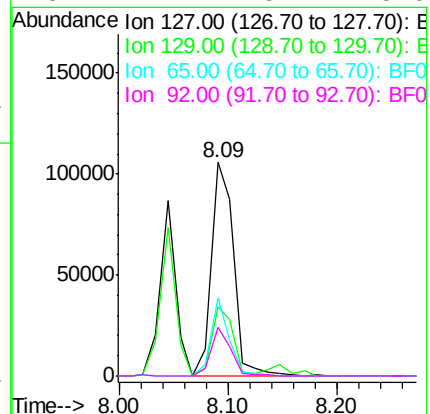
Ion Ratio Lower Upper

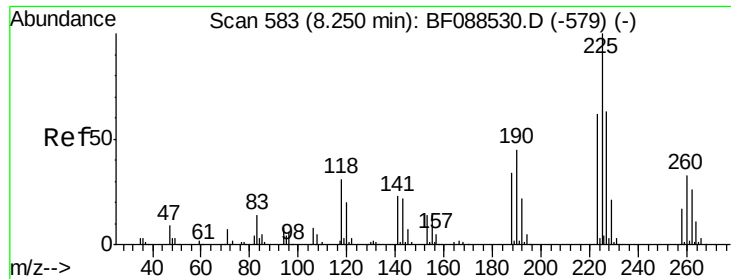
127 100

129 32.3 26.3 39.5

65 36.7 24.7 37.1

92 22.7 15.4 23.0





#34

Hexachlorobutadiene

Concen: 44.58 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:225 Resp: 112614

Ion Ratio Lower Upper

225 100

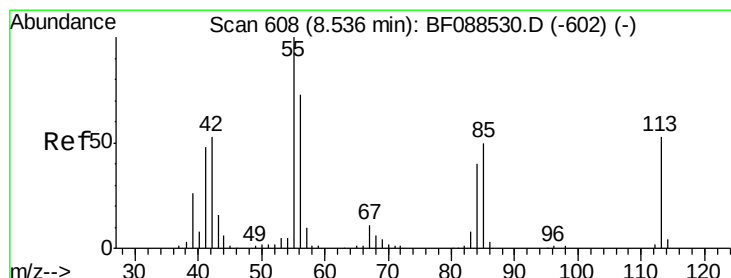
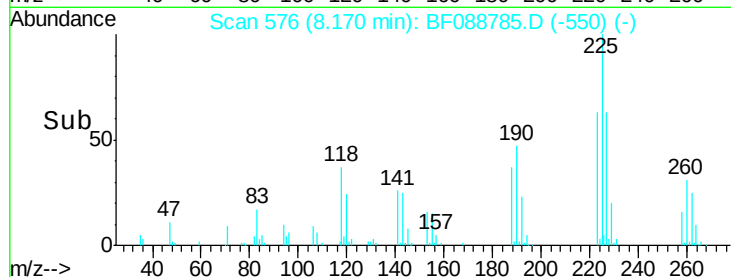
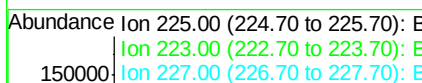
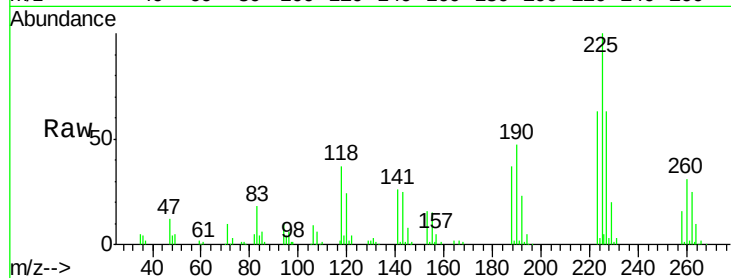
223 63.5 50.9 76.3

227 63.0 51.9 77.9

Manual Integrations

SOHIL

7/8/2016 7:04:01 AM



#35

Caprolactam

Concen: 49.45 ng m

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

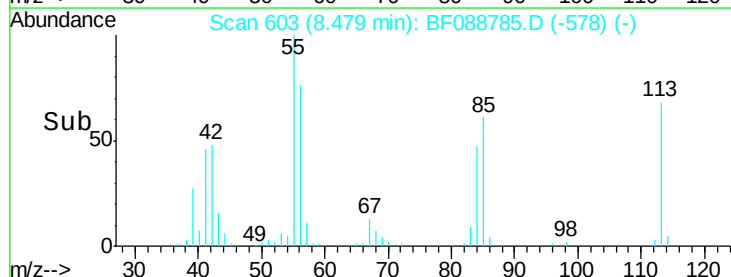
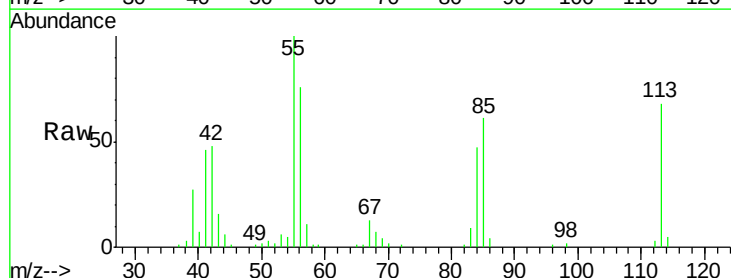
Tgt Ion:113 Resp: 72198

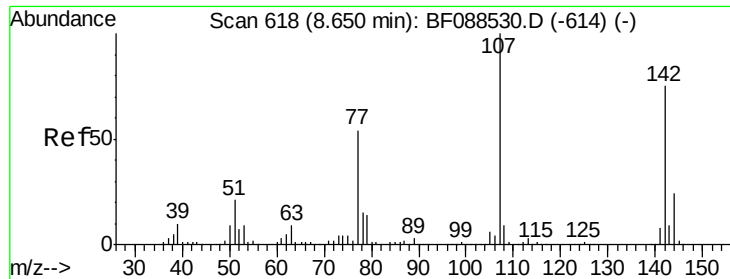
Ion Ratio Lower Upper

113 100

55 147.9 158.6 198.6#

56 112.3 110.6 150.6



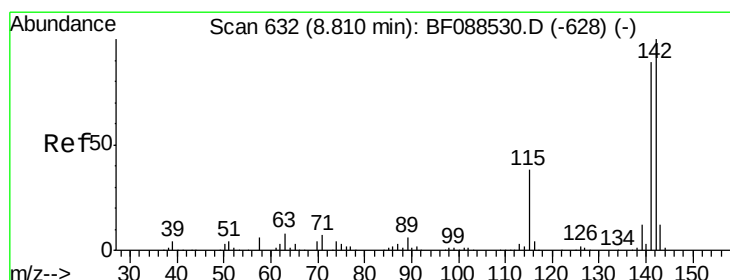
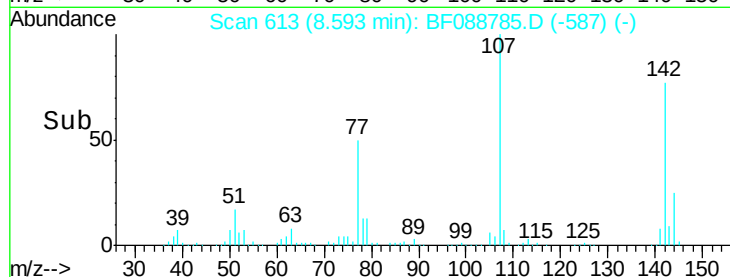
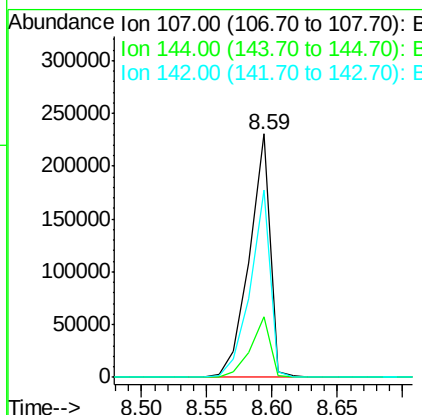
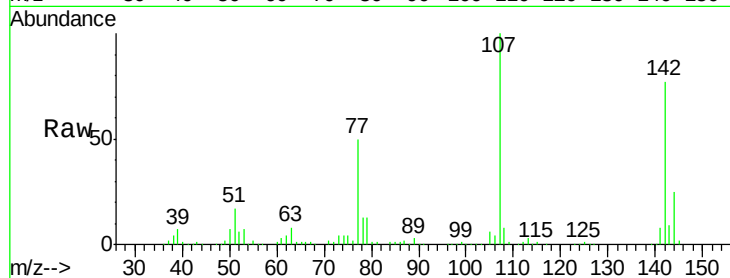


#36
 4-Chloro-3-methylphenol
 Concen: 50.40 ng
 RT: 8.59 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

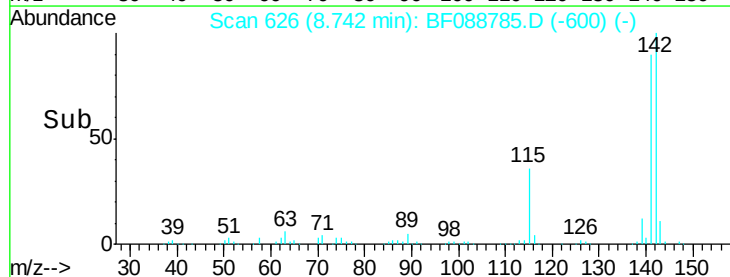
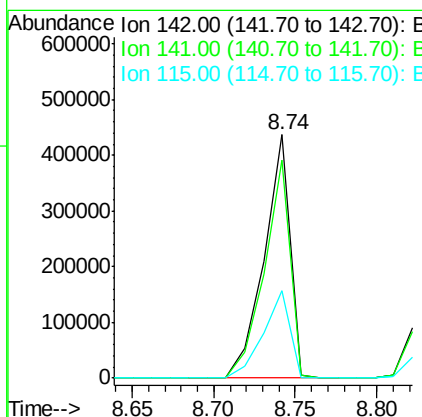
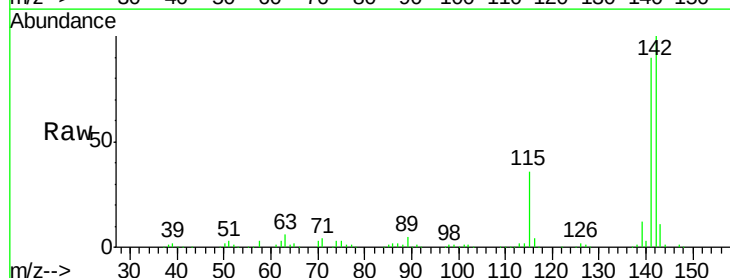
Tgt Ion:107 Resp: 256241
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.8 31.2
 142 77.1 63.4 95.2

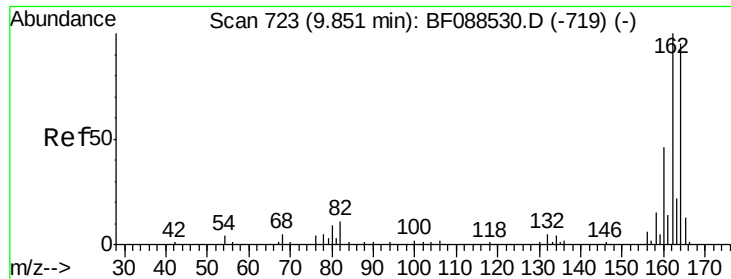
Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM



#37
 2-Methylnaphthalene
 Concen: 47.14 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion:142 Resp: 484375
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 36.1 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:164 Resp: 164543

Ion Ratio Lower Upper

164 100

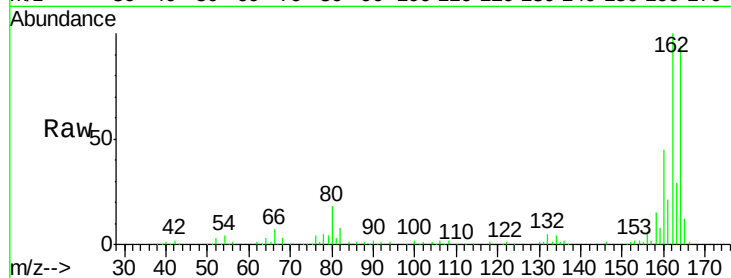
162 106.8 85.4 128.2

160 48.6 39.5 59.3

Manual Integrations

SOHIL

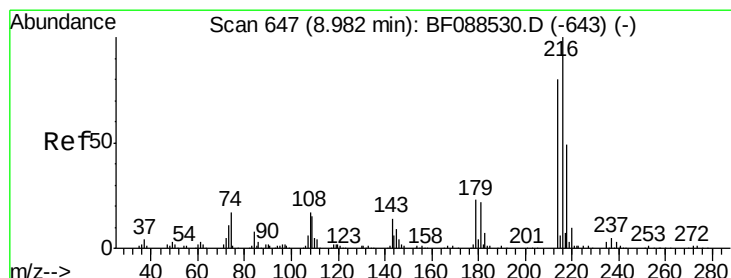
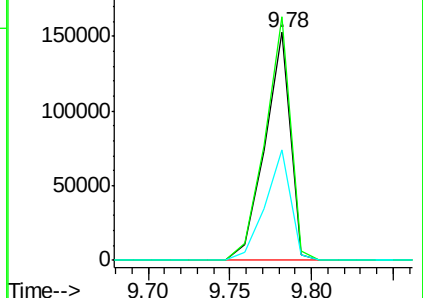
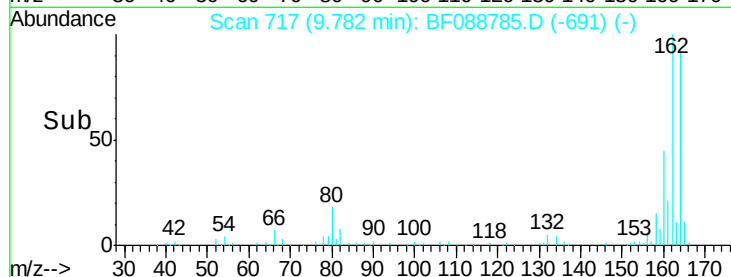
7/8/2016 7:04:01 AM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.07 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Tgt Ion:216 Resp: 186464

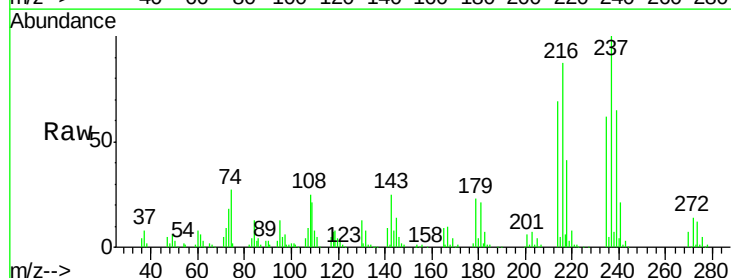
Ion Ratio Lower Upper

216 100

214 78.3 2.9 4.3#

179 22.6 0.0 0.0#

108 22.6 0.5 0.7#

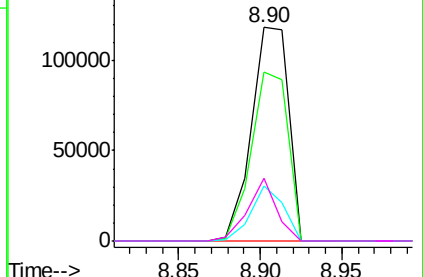
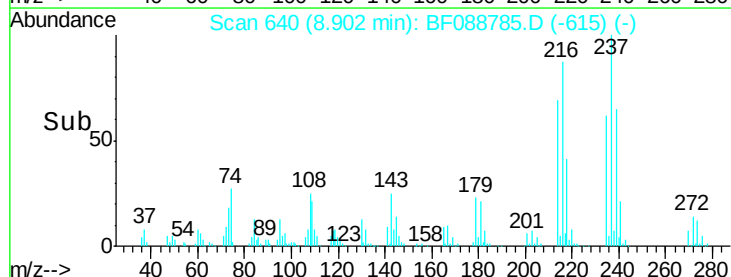


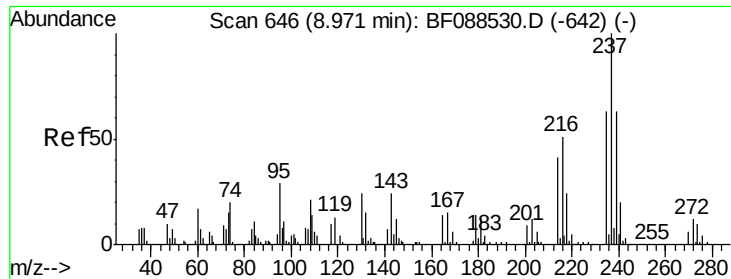
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



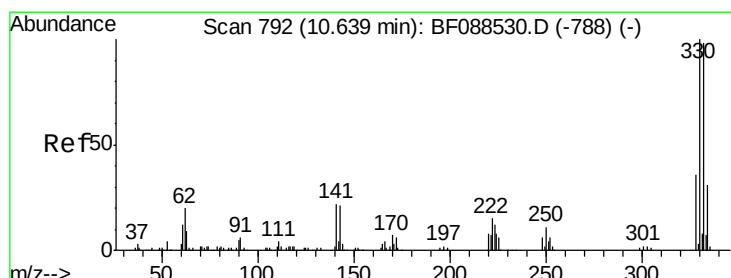
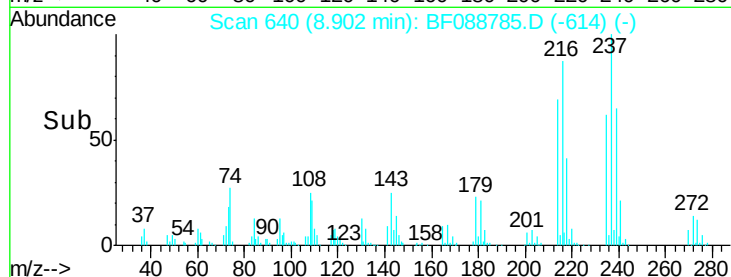
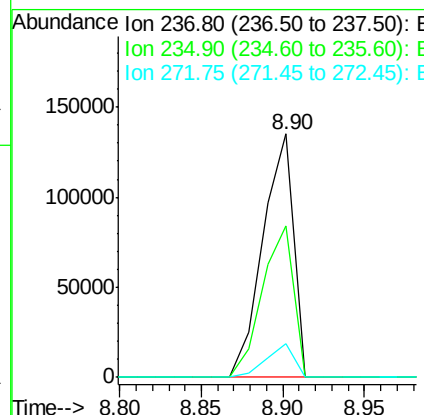
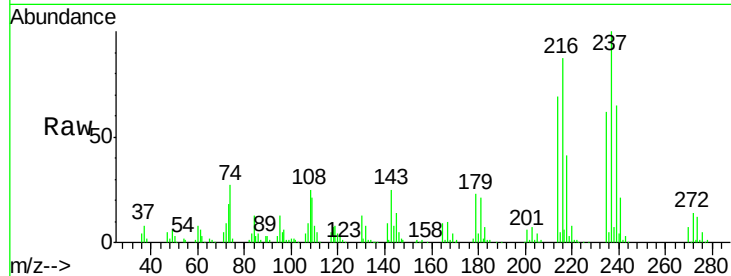


#40
Hexachlorocyclopentadiene
Concen: 65.74 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

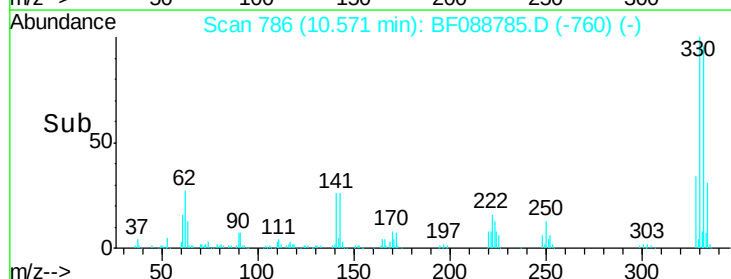
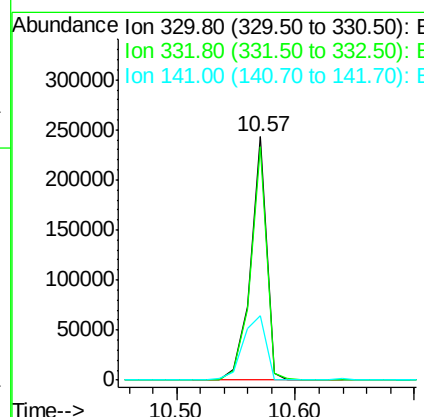
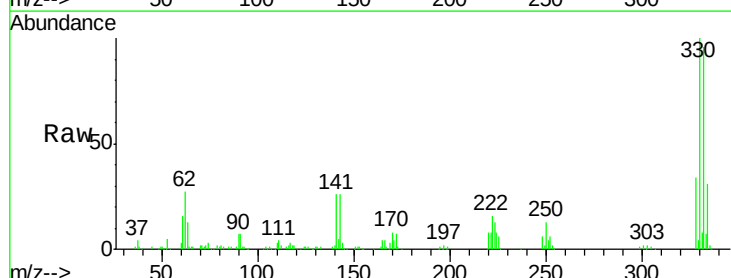
Tgt Ion: 237 Resp: 176601
Ion Ratio Lower Upper
237 100
235 62.0 43.4 83.4
272 14.0 0.0 32.3

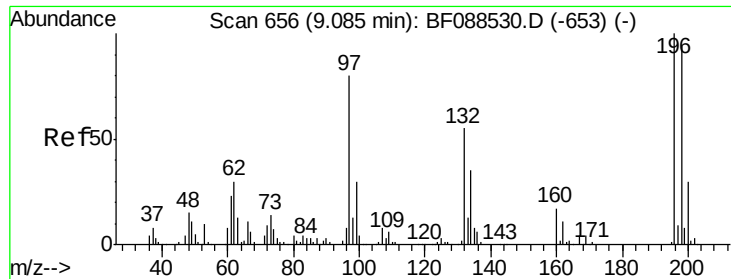
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#41
2,4,6-Tribromophenol
Concen: 150.95 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion: 330 Resp: 230648
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 37.6 0.0 0.0#



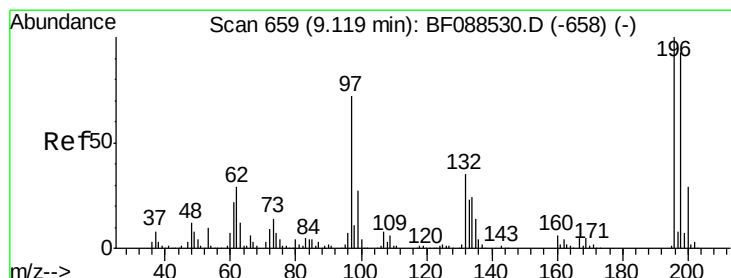
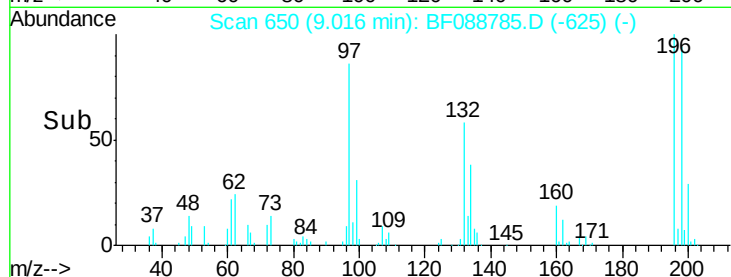
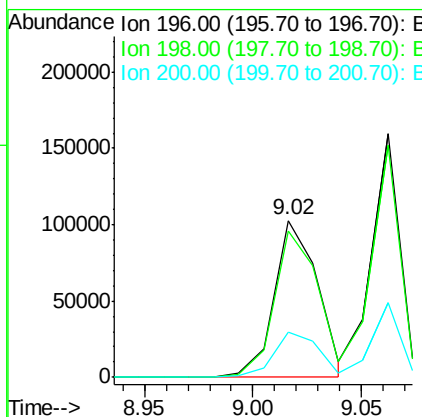
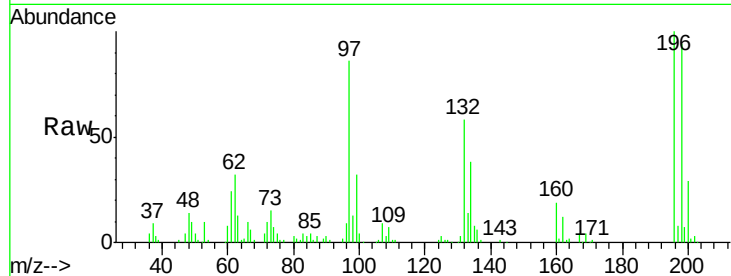


#42
2,4,6-Trichlorophenol
Concen: 39.64 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

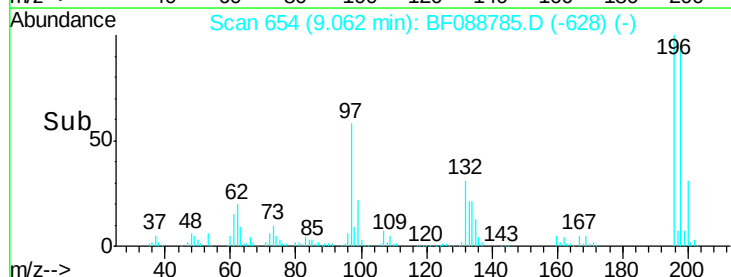
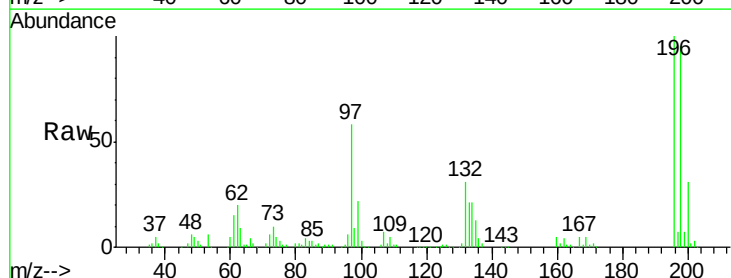
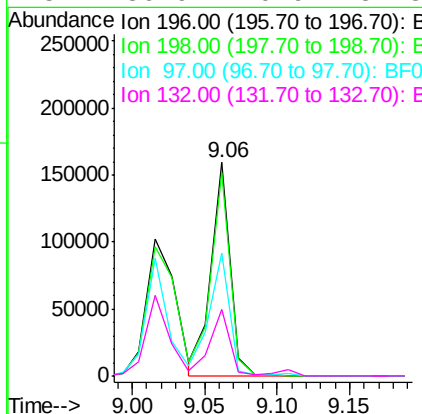
Tgt Ion:196 Resp: 143047
Ion Ratio Lower Upper
196 100
198 93.7 78.0 117.0
200 28.9 25.4 38.2

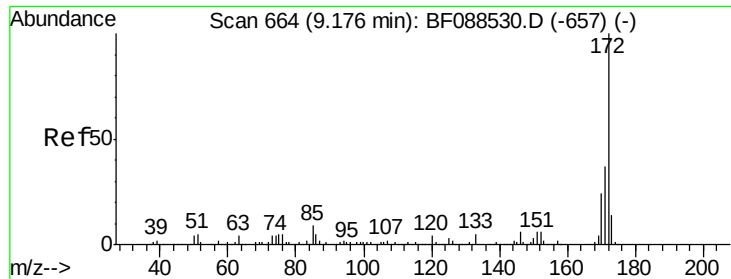
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#43
2,4,5-Trichlorophenol
Concen: 47.22 ng
RT: 9.06 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:196 Resp: 146604
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 57.5 32.0 48.0#
132 30.9 20.9 31.3



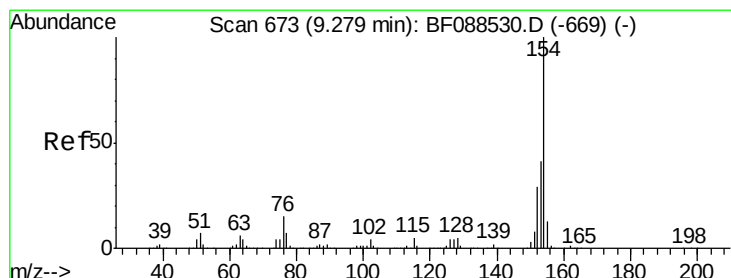
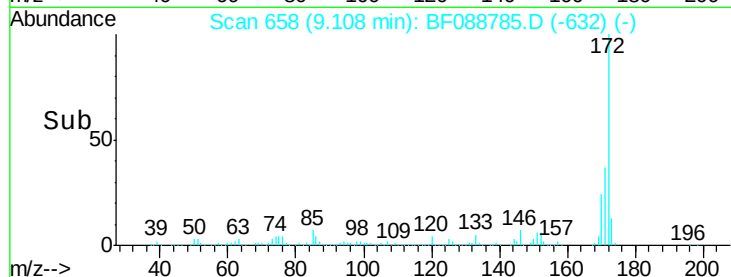
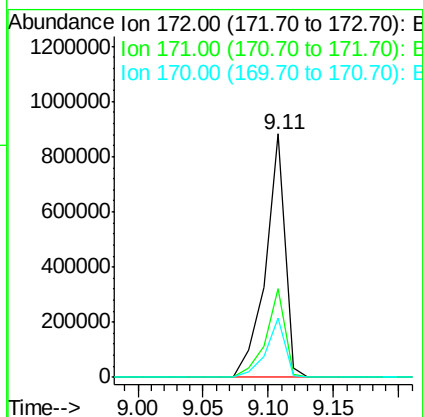
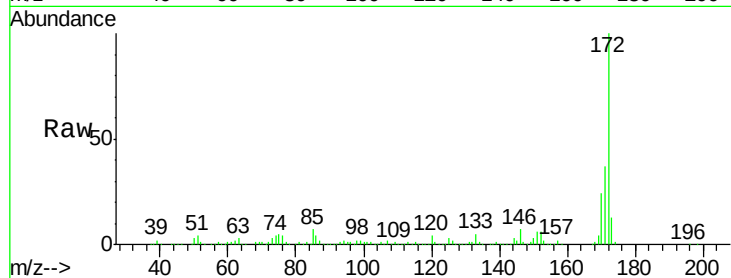


#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

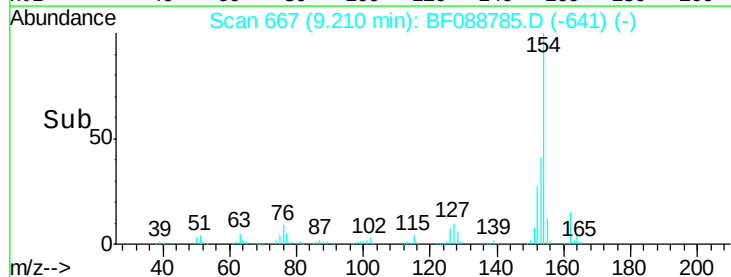
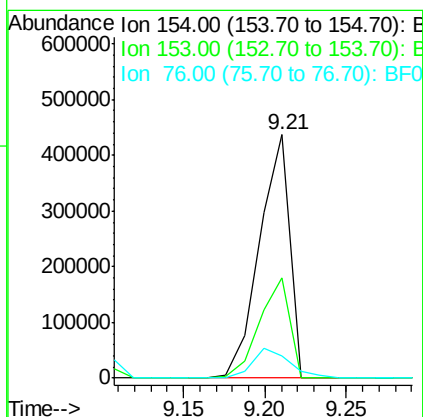
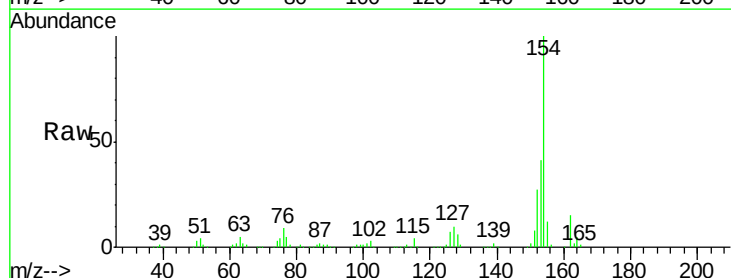
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	19.2	28.8

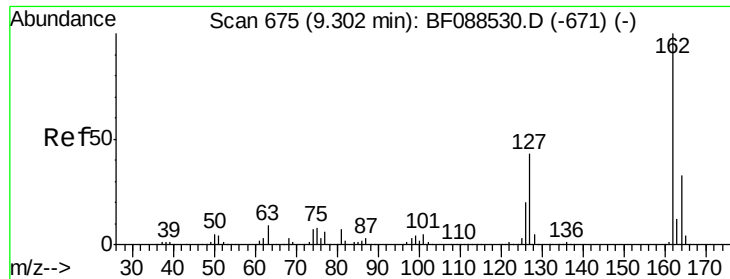
Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM



#45
 1,1'-Biphenyl
 Concen: 41.17 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	9.0	0.0	35.1



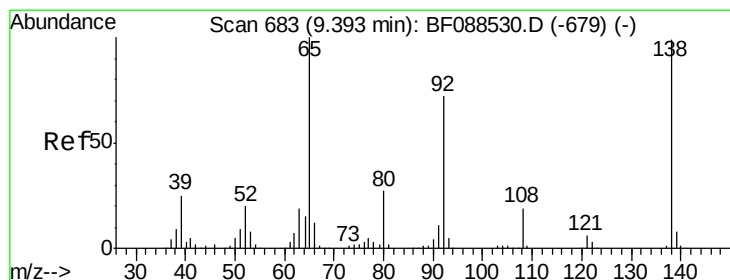
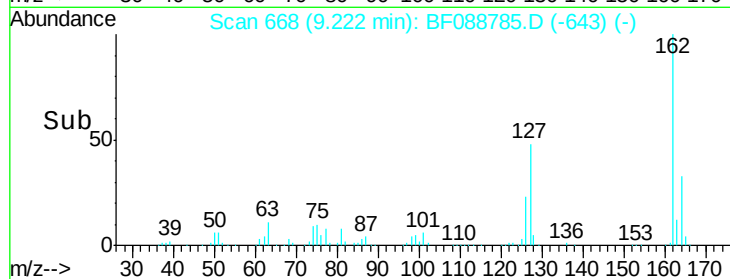
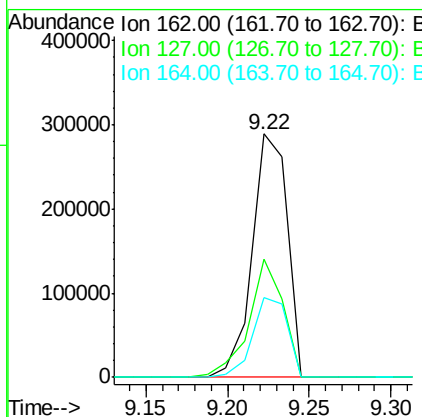
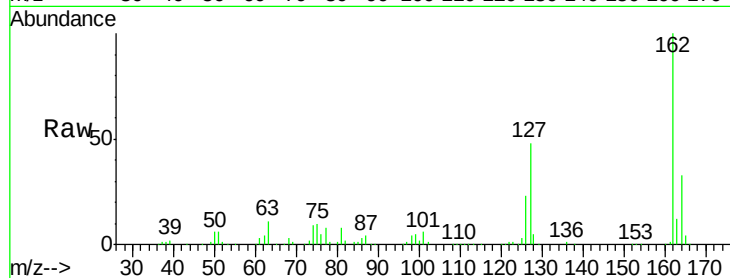


#46
 2-Chloronaphthalene
 Concen: 40.15 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

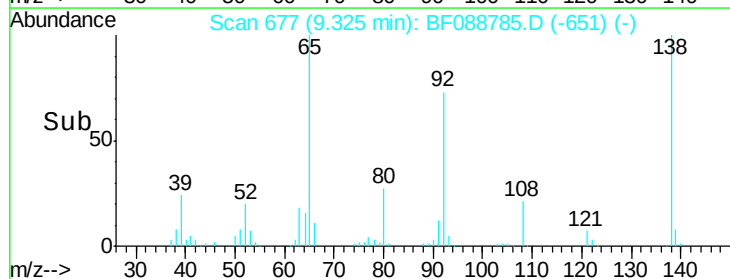
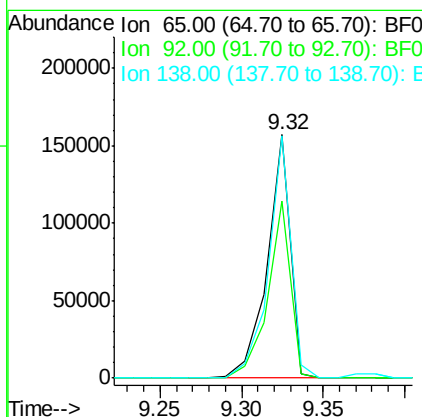
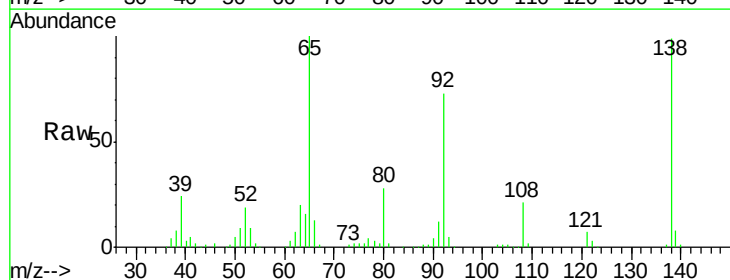
Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.5	35.2	52.8
164	32.8	26.6	39.8

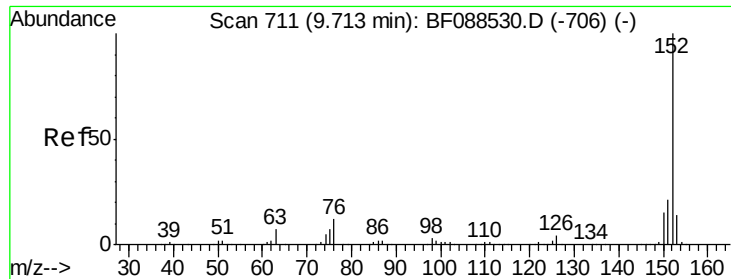
Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM



#47
 2-Nitroaniline
 Concen: 40.89 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	54.6	82.0
138	99.4	77.0	115.4



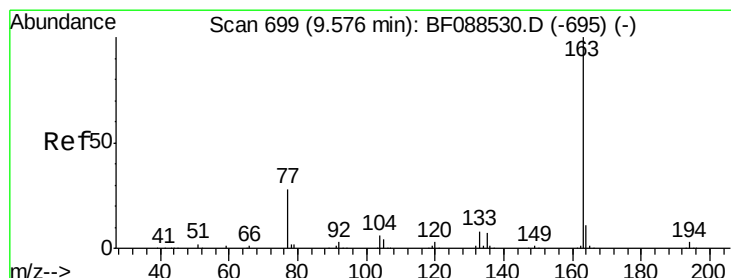
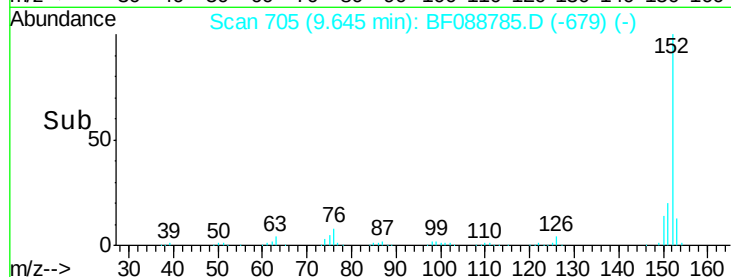
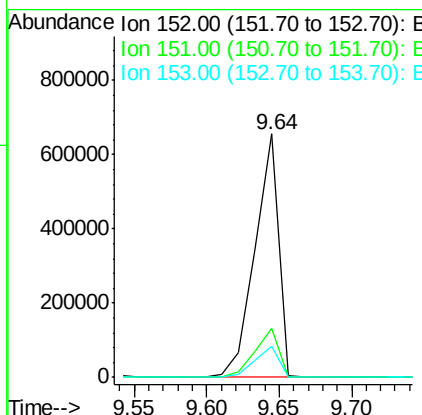
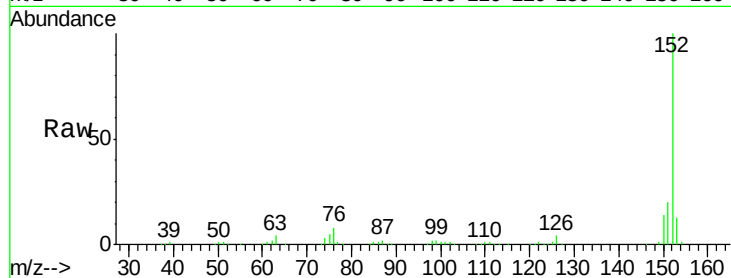


#48
Acenaphthylene
Concen: 43.50 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

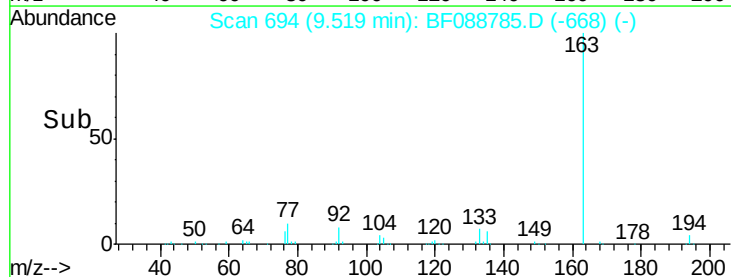
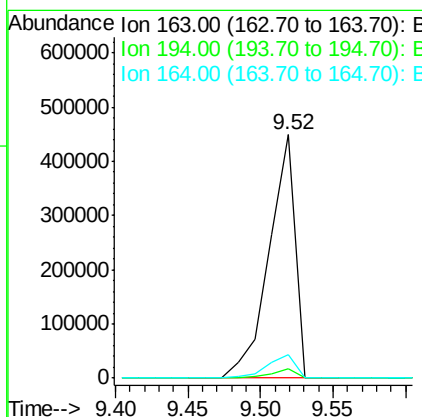
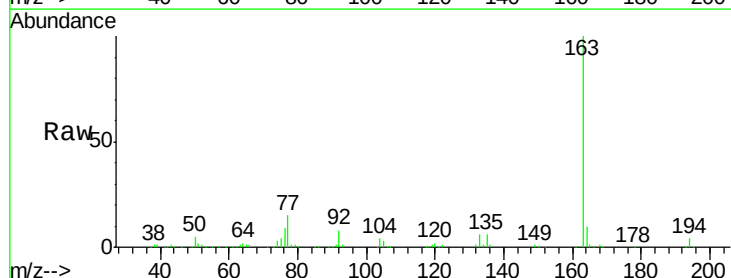
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.9	11.0	16.6

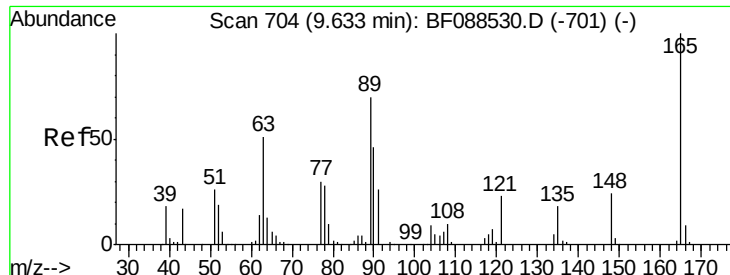
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#49
Dimethylphthalate
Concen: 47.82 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.7	8.3	12.5



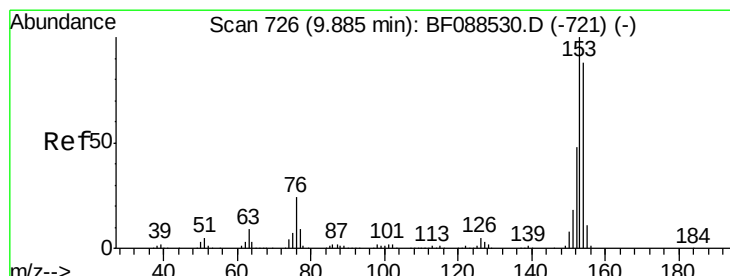
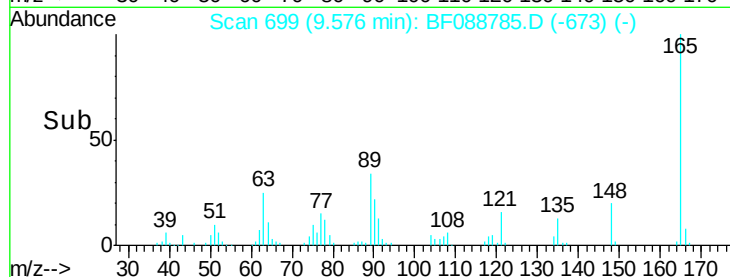
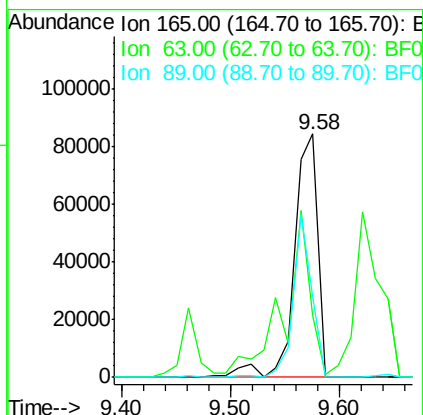
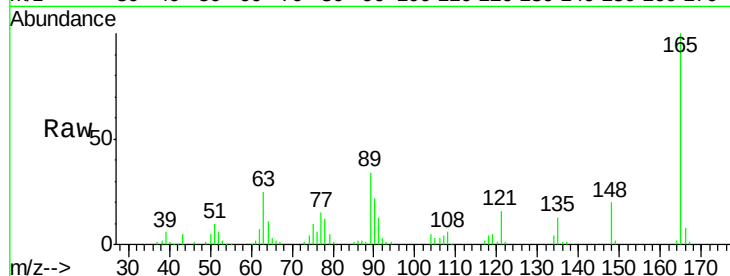


#50
2,6-Dinitrotoluene
Concen: 48.81 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

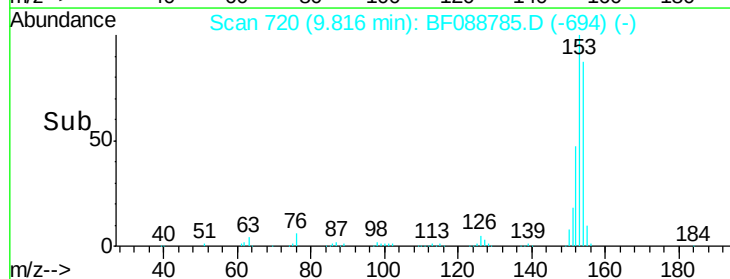
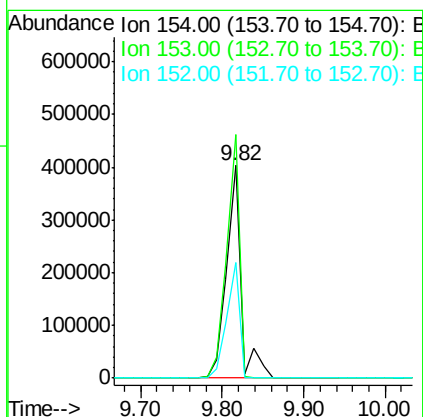
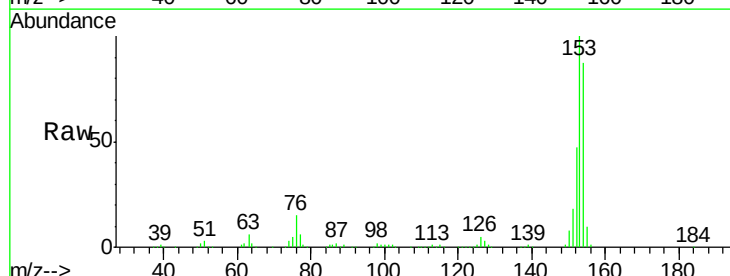
Tgt Ion	Ratio	Lower	Upper
165	100		
63	25.3	28.1	42.1#
89	33.5	32.2	48.2

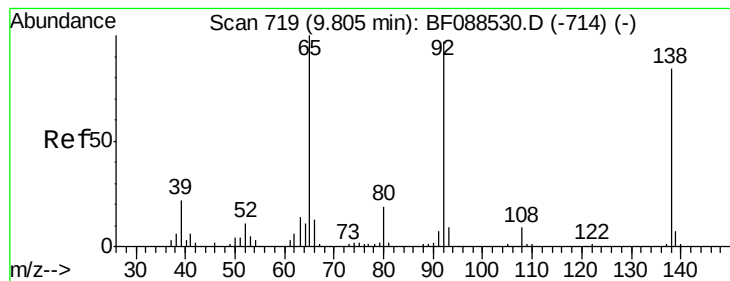
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#51
Acenaphthene
Concen: 47.51 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.5	134.3
152	54.2	42.7	64.1





#52

3-Nitroaniline

Concen: 27.12 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:138 Resp: 89557

Ion Ratio Lower Upper

138 100

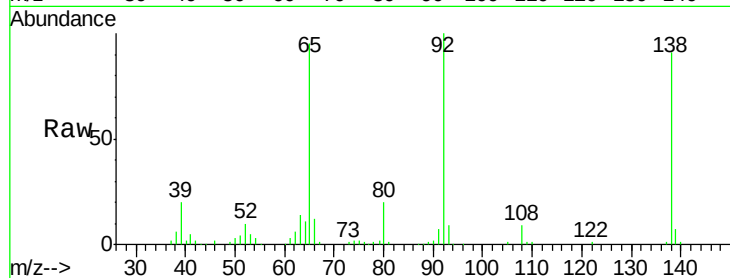
108 10.4 8.5 12.7

92 110.3 95.7 143.5

Manual Integrations

SOHIL

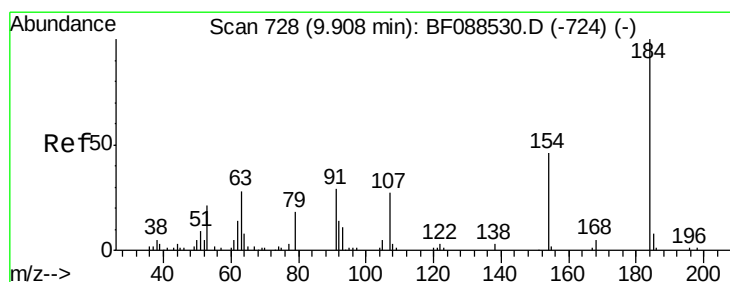
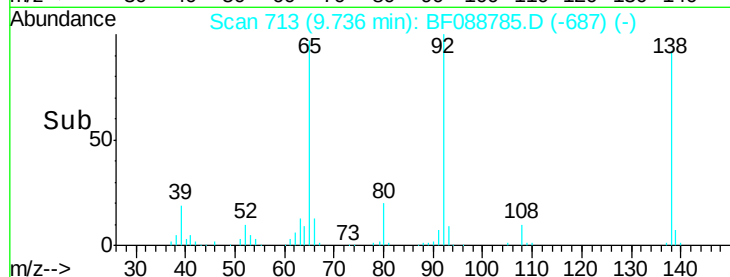
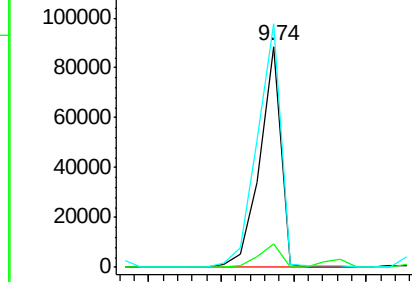
7/8/2016 7:04:01 AM



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: 78.37 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

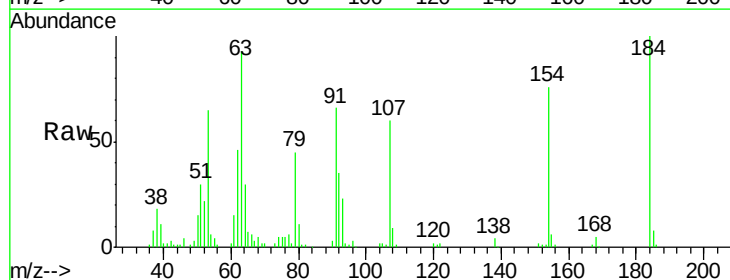
Tgt Ion:184 Resp: 89906

Ion Ratio Lower Upper

184 100

63 93.1 57.6 86.4#

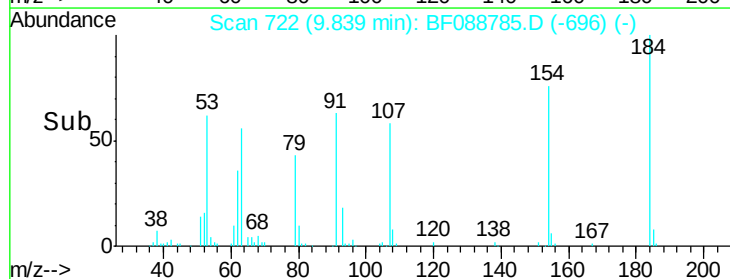
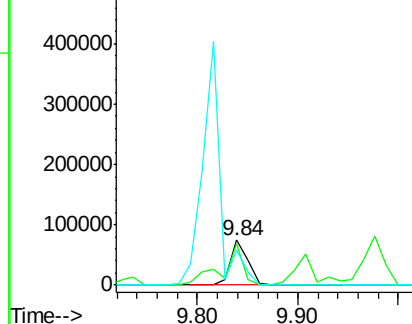
154 76.3 53.5 80.3

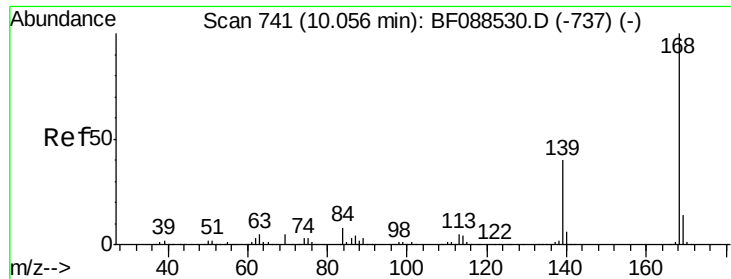


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



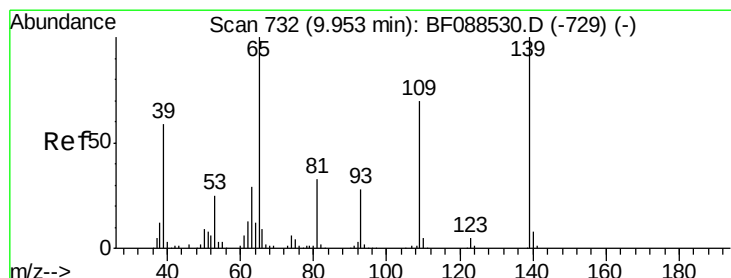
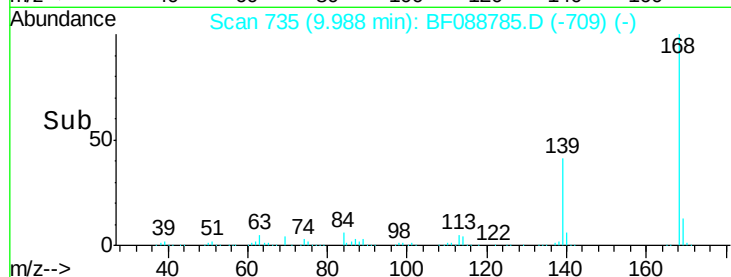
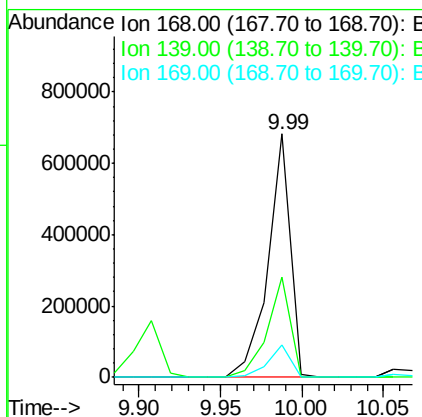
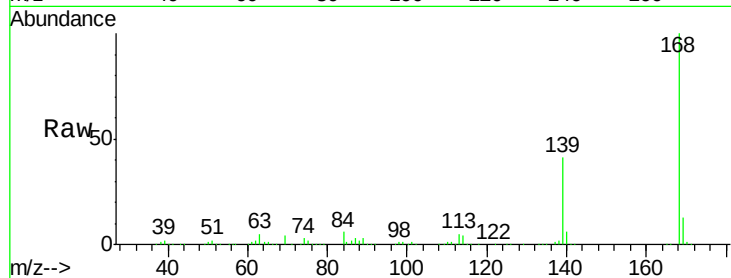


#54
Dibenzofuran
Concen: 47.56 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

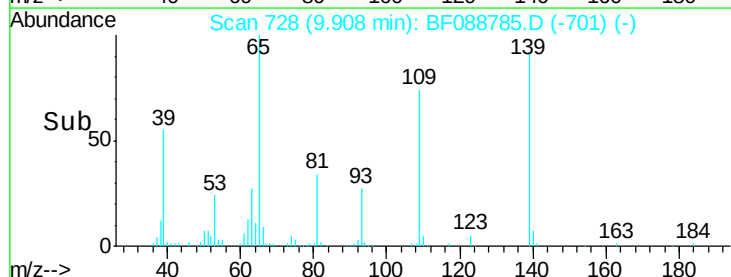
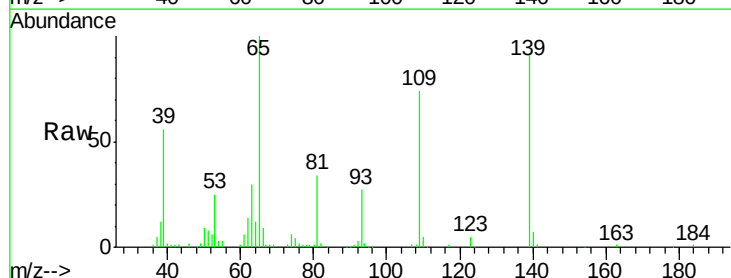
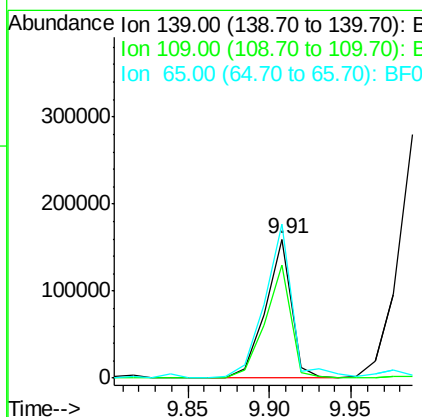
Tgt Ion:168 Resp: 649389
Ion Ratio Lower Upper
168 100
139 41.0 26.4 39.6#
169 13.3 10.4 15.6

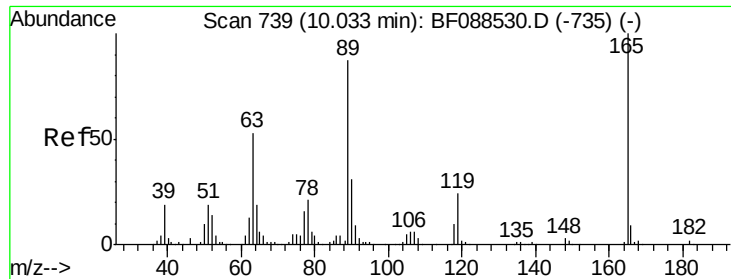
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#55
4-Nitrophenol
Concen: 71.08 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:139 Resp: 178393
Ion Ratio Lower Upper
139 100
109 81.3 48.9 88.9
65 110.4 84.9 124.9



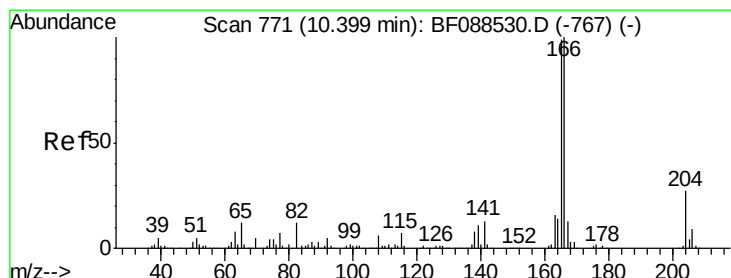
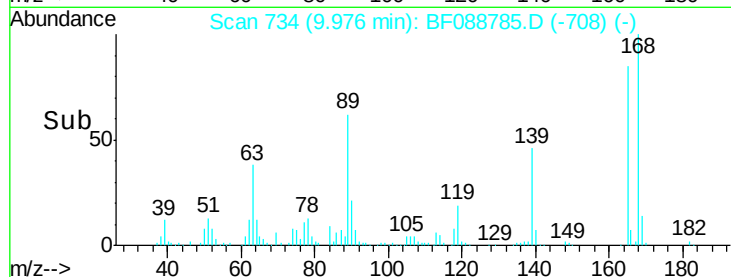
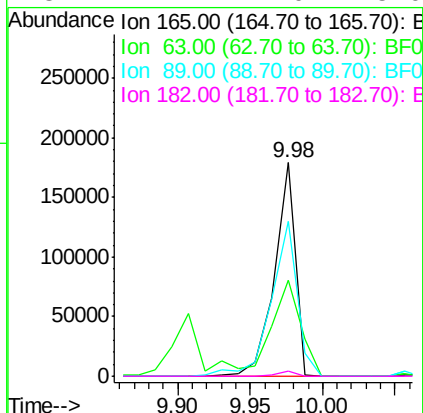
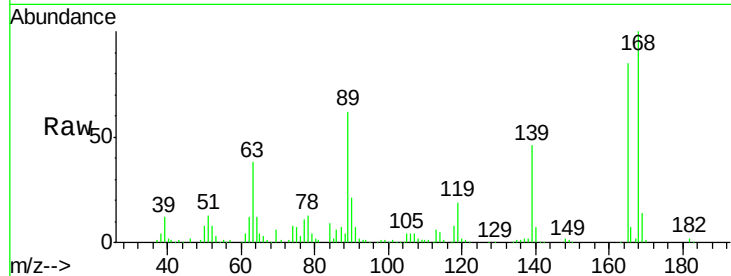


#56
2,4-Dinitrotoluene
Concen: 52.61 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

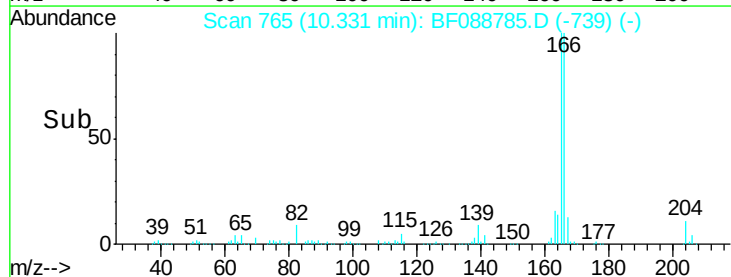
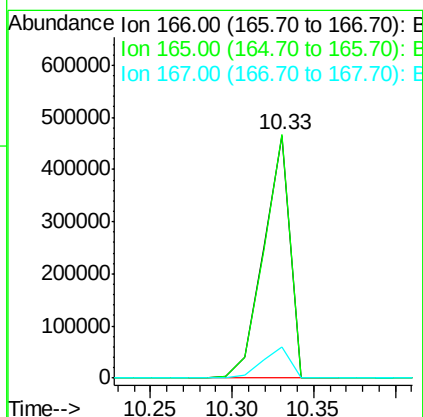
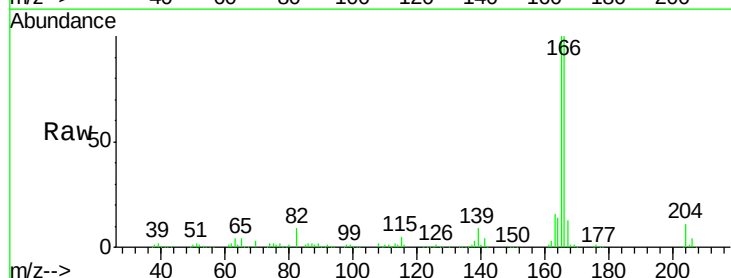
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	22.0	33.0#
89	72.5	41.1	61.7#
182	2.4	2.0	3.0

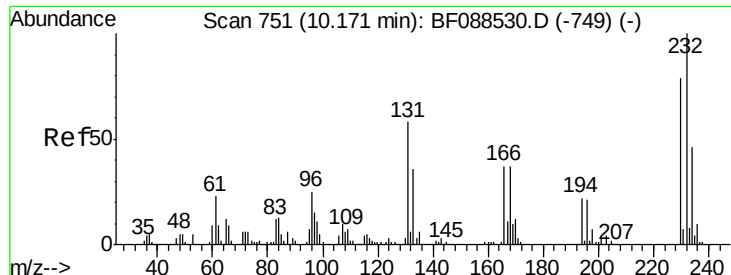
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#57
Fluorene
Concen: 49.60 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.8	116.8
167	13.0	11.2	16.8





#58

2,3,4,6-Tetrachlorophenol

Concen: 47.24 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:232 Resp: 113466

Ion Ratio Lower Upper

232 100

131 58.9 0.9 1.3#

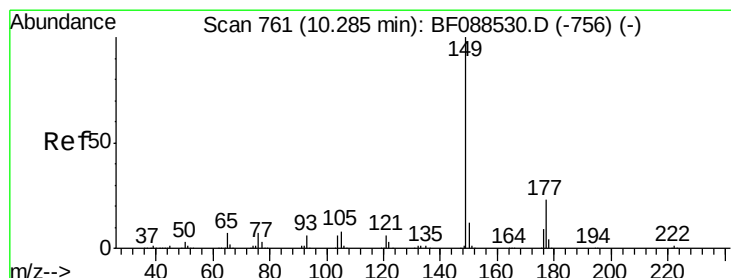
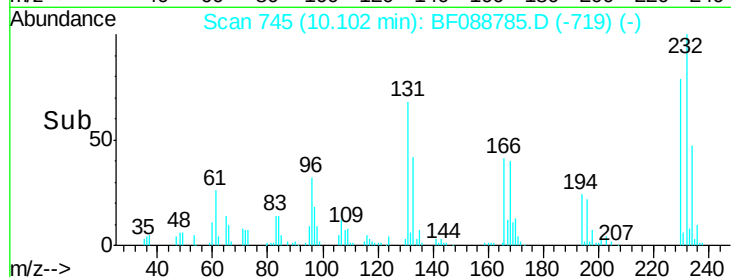
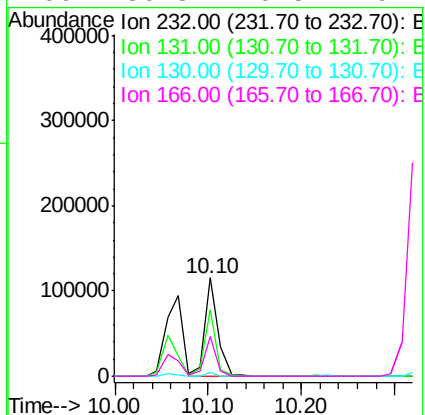
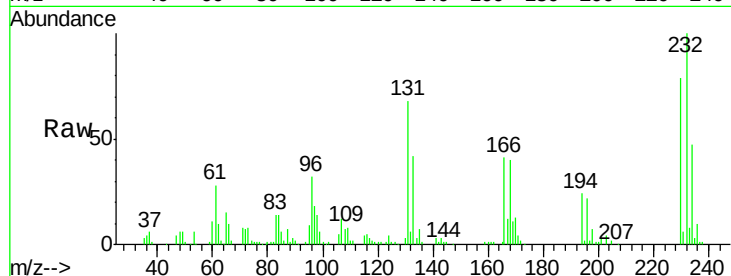
130 2.9 1.5 2.3#

166 36.3 0.5 0.7#

Manual Integrations

SOHIL

7/8/2016 7:04:01 AM



#59

Diethylphthalate

Concen: 49.22 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

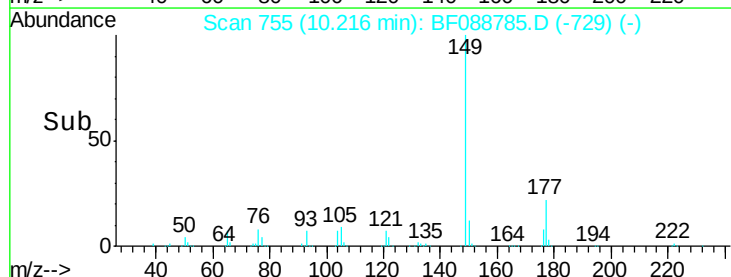
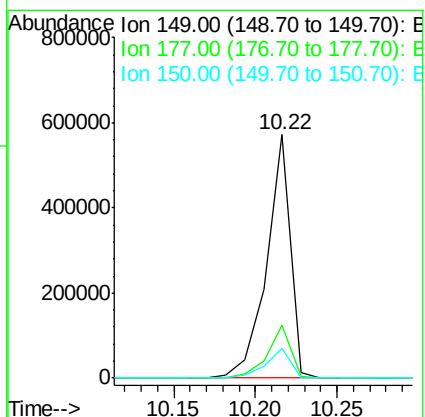
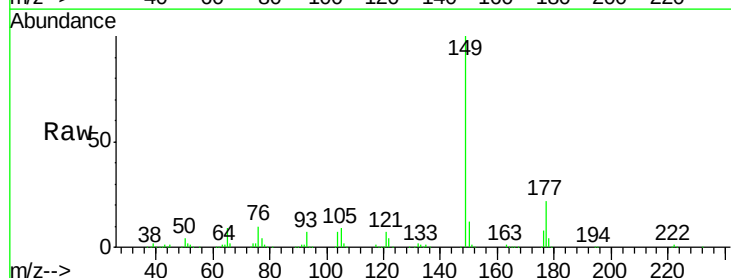
Tgt Ion:149 Resp: 579050

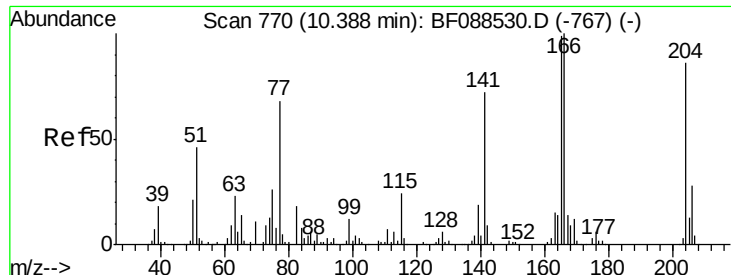
Ion Ratio Lower Upper

149 100

177 21.5 16.9 25.3

150 12.4 10.1 15.1



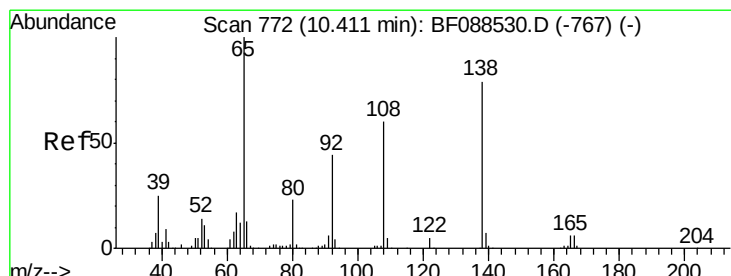
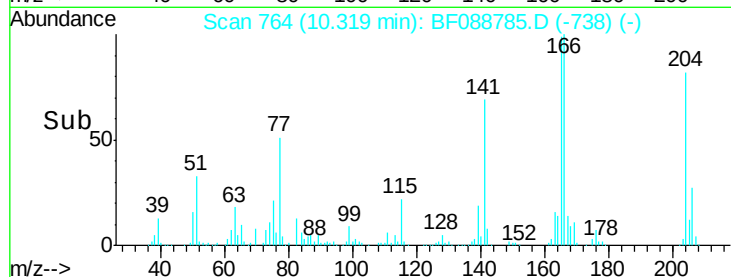
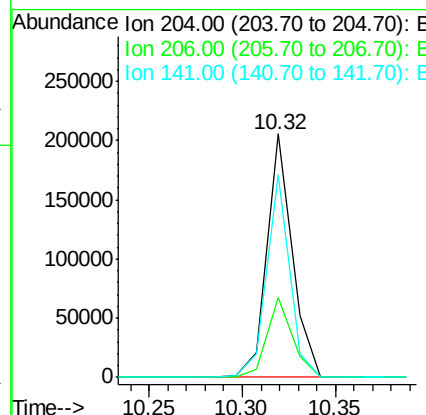
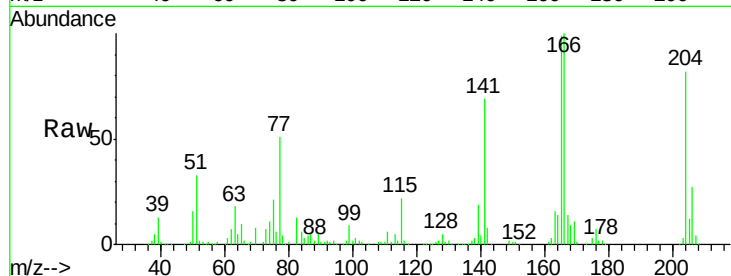


#60
4-Chlorophenyl-phenylether
Concen: 39.37 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

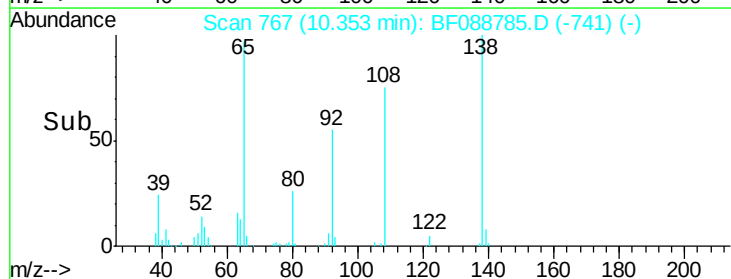
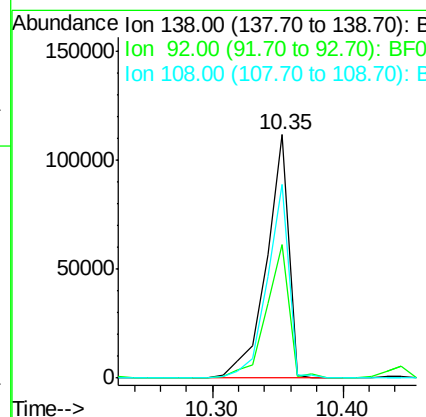
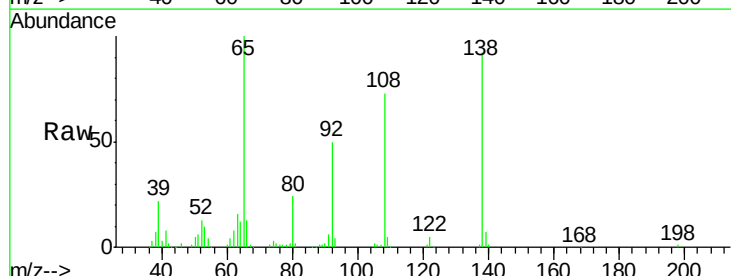
Tgt Ion:204 Resp: 192492
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 83.5 55.0 82.6#

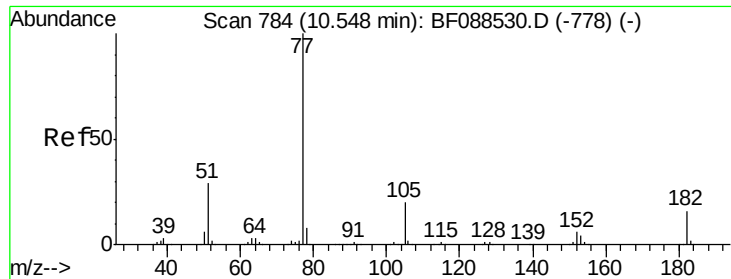
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#61
4-Nitroaniline
Concen: 41.84 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:138 Resp: 132973
Ion Ratio Lower Upper
138 100
92 54.8 27.3 67.3
108 79.7 46.7 86.7





#62

Azobenzene

Concen: 44.27 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

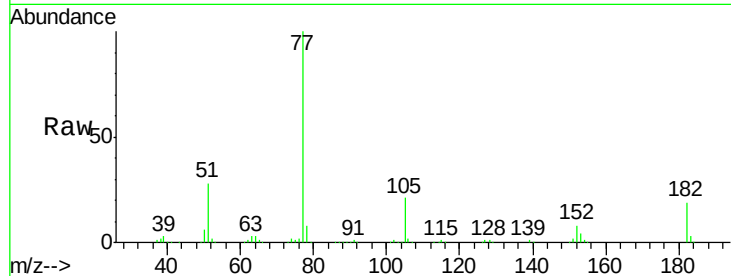
K8-B2(0-11)CMSD

Tgt Ion:	77	Resp:	594127
Ion	Ratio	Lower	Upper
77	100		
182	19.4	4.4	44.4
105	21.4	3.8	43.8
51	27.9	9.3	49.3

Manual Integrations

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7/8/2016 7:04:01 AM

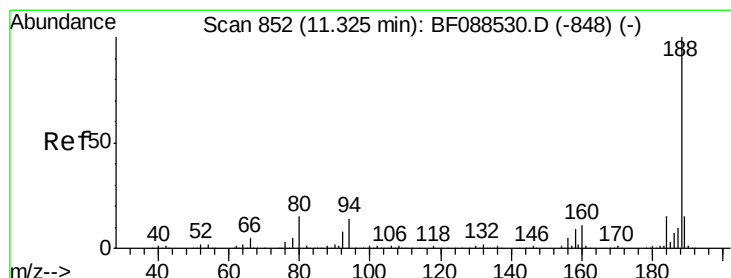
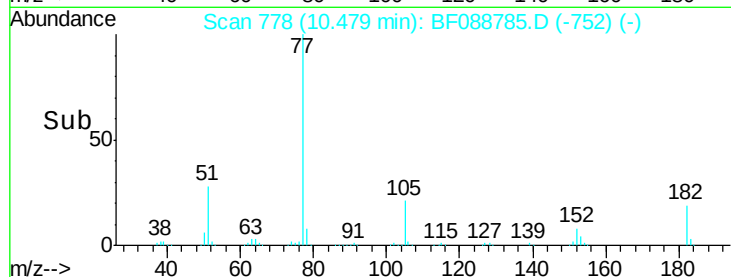
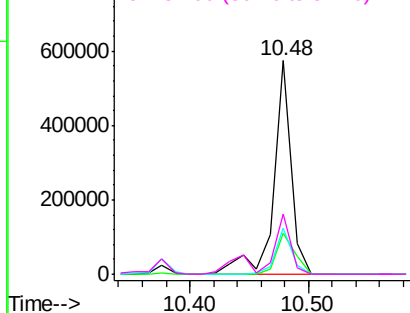


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF088785.D

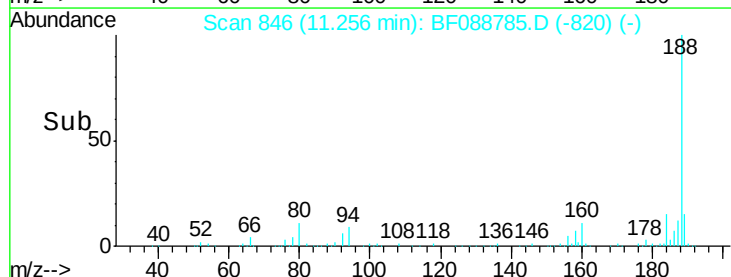
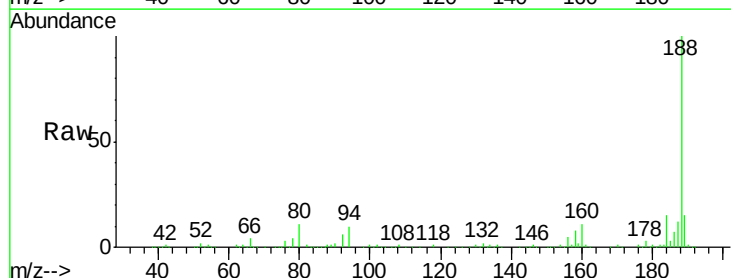
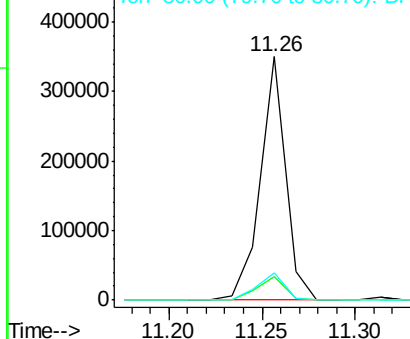
Acq: 7 Jul 2016 18:15

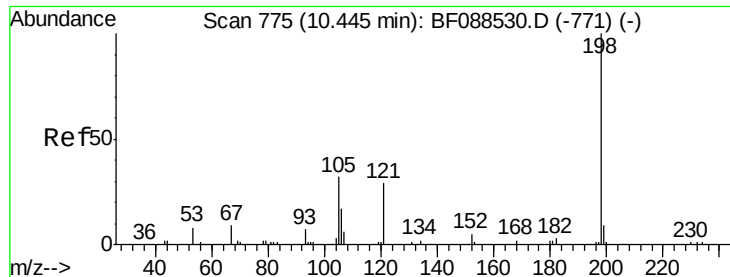
Tgt Ion:	188	Resp:	325026
Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.6
80	11.0	10.0	15.0

Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.01 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:198 Resp: 66082

Ion Ratio Lower Upper

198 100

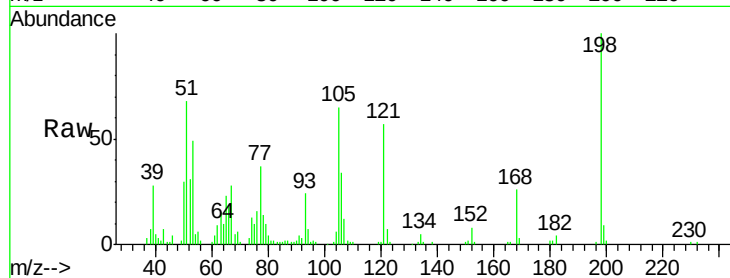
51 67.6 39.6 79.6

105 64.8 36.6 76.6

Manual Integrations

SOHIL

7/8/2016 7:04:01 AM



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

200000

150000

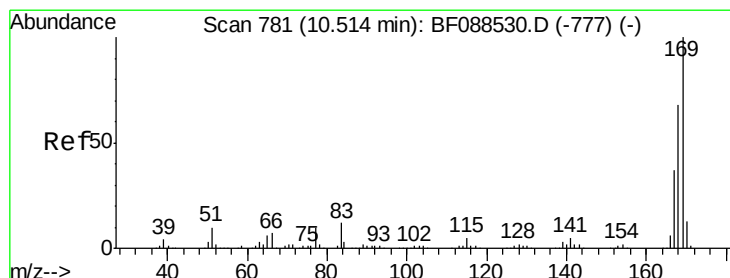
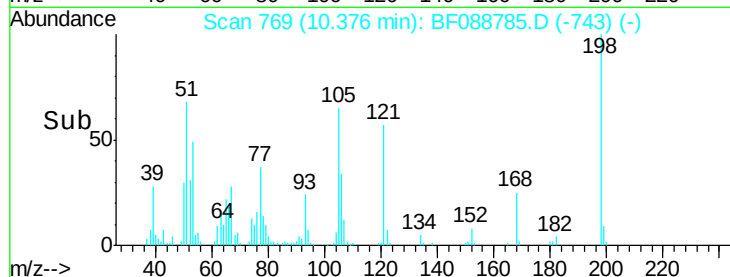
100000

50000

0

10.30 10.35 10.40 10.45

Time-->



#65

n-Nitrosodiphenylamine

Concen: 42.83 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

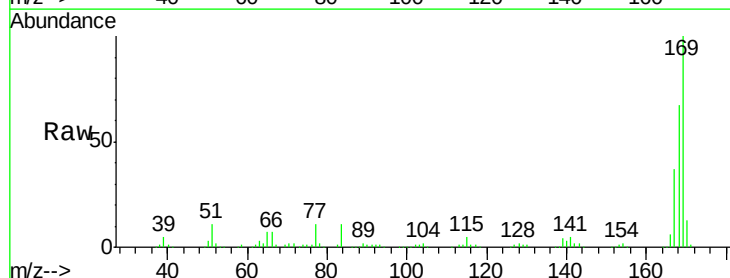
Tgt Ion:169 Resp: 471108

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

167 37.0 29.4 44.0



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

600000

500000

400000

300000

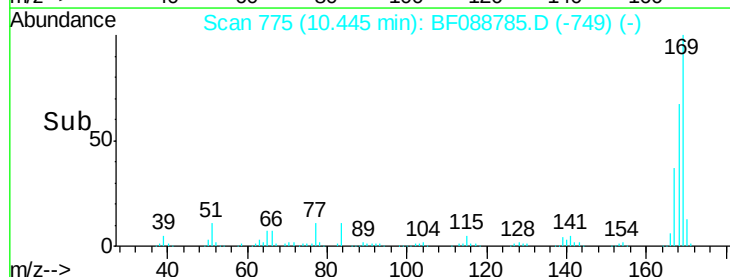
200000

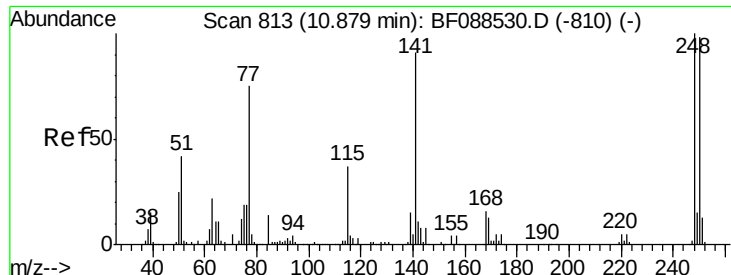
100000

0

10.40 10.45 10.50

Time-->



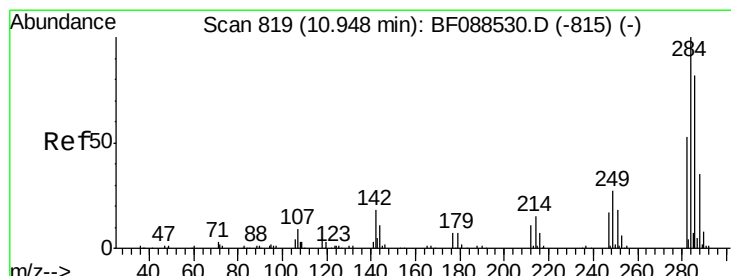
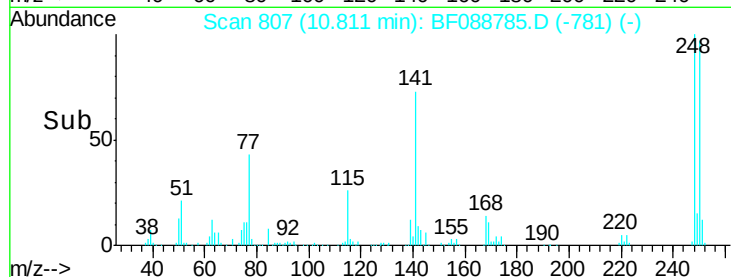
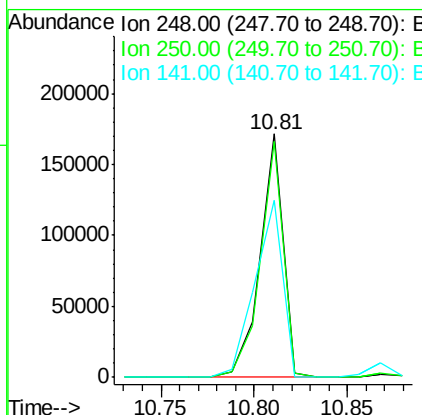
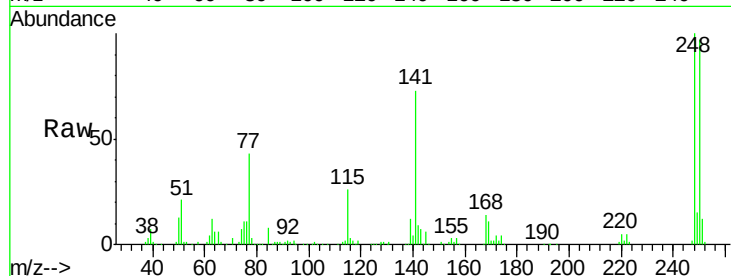


#66
4-Bromophenyl-phenylether
Concen: 45.68 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

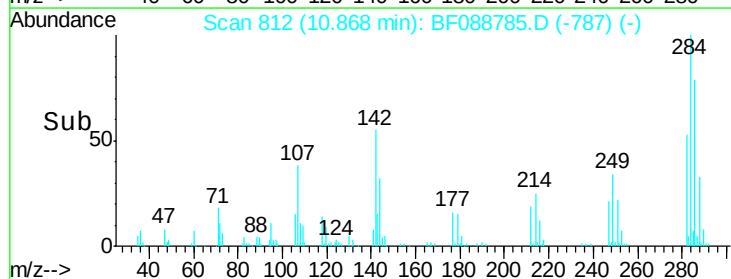
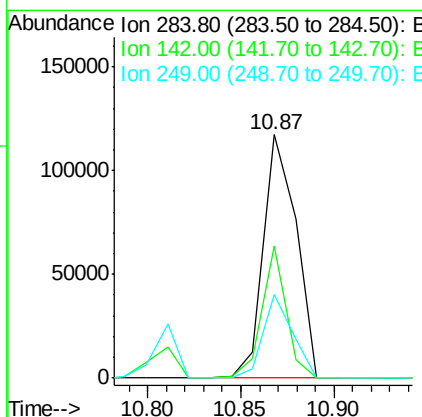
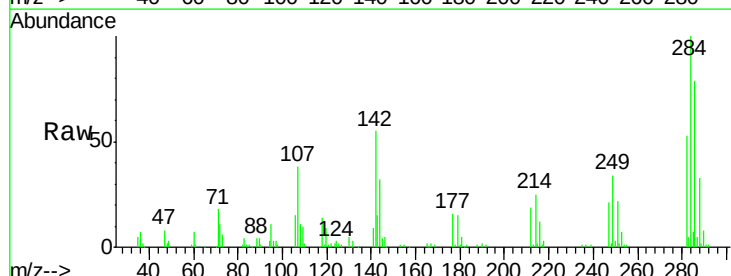
Tgt Ion:248 Resp: 149616
Ion Ratio Lower Upper
248 100
250 97.1 77.1 115.7
141 72.9 50.6 76.0

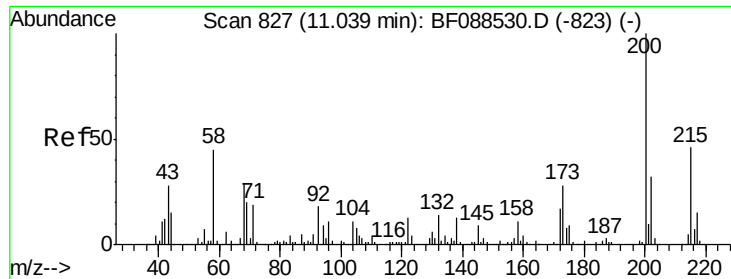
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#67
Hexachlorobenzene
Concen: 39.26 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:284 Resp: 142352
Ion Ratio Lower Upper
284 100
142 54.5 35.8 53.8#
249 34.3 25.8 38.6



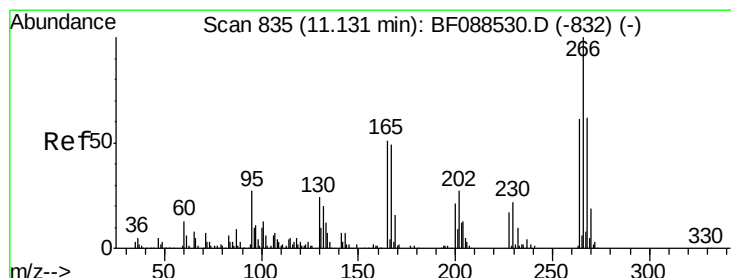
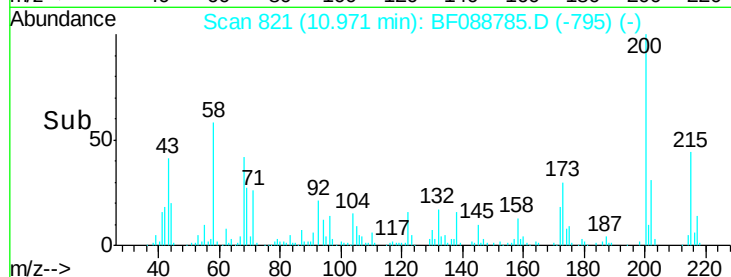
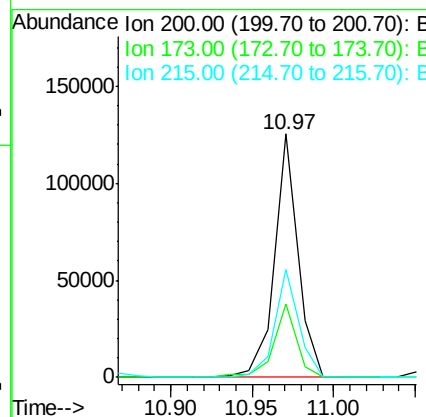
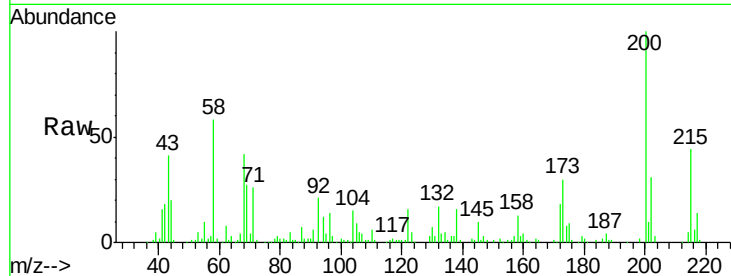


#68
Atrazine
Concen: 36.71 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

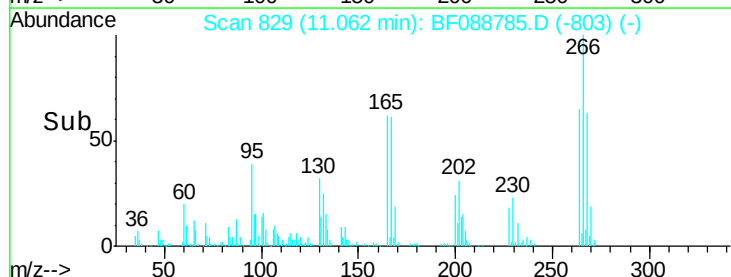
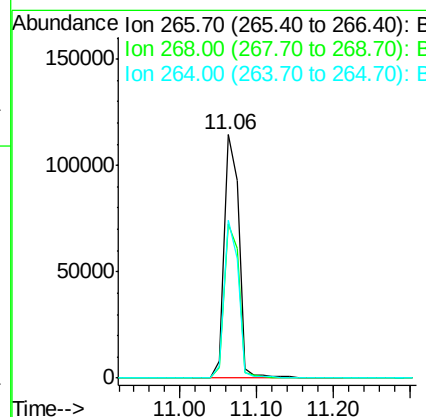
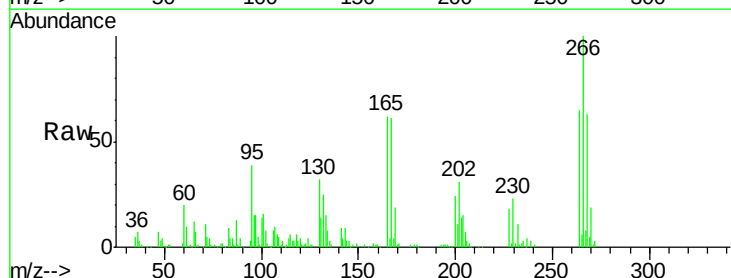
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	4.0	44.0
215	44.4	29.3	69.3

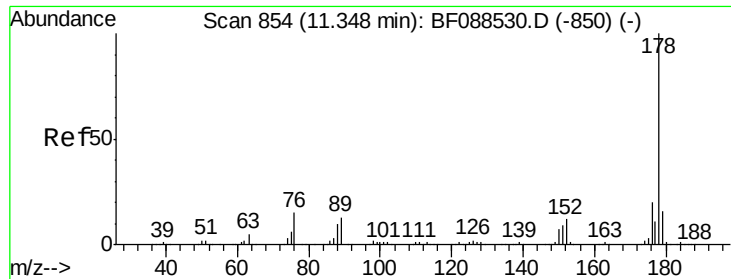
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#69
Pentachlorophenol
Concen: 72.35 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.8	79.2
264	64.8	49.6	74.4



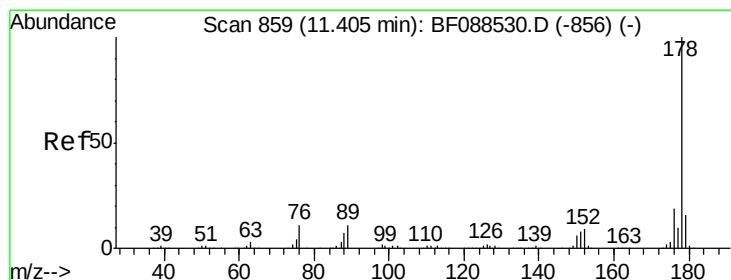
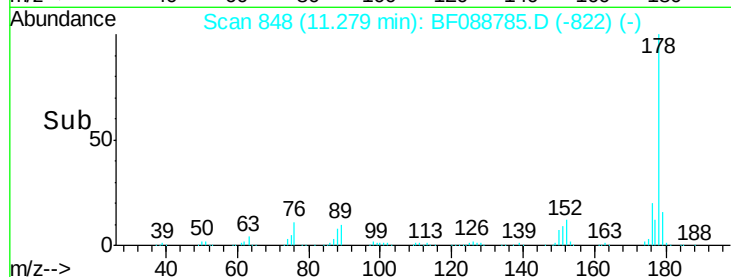
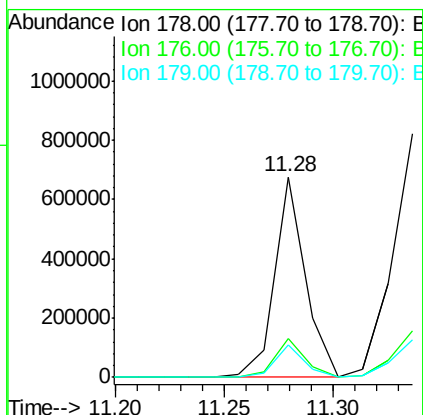
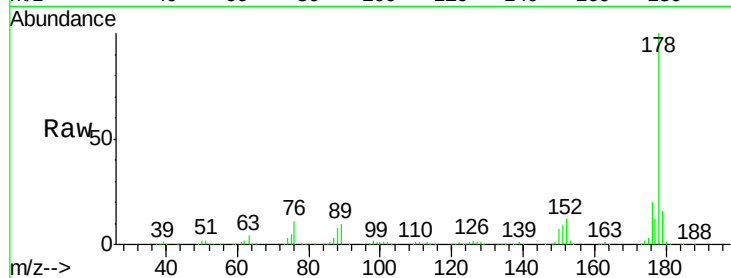


#70
Phenanthrene
Concen: 37.80 ng
RT: 11.28 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

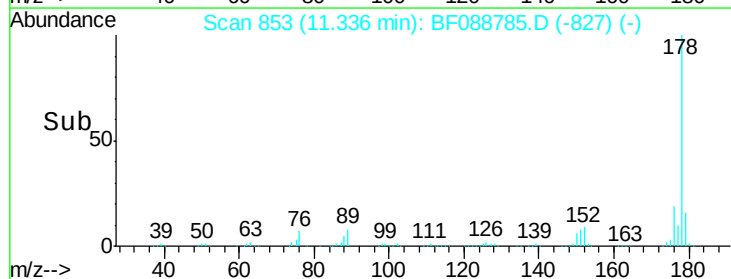
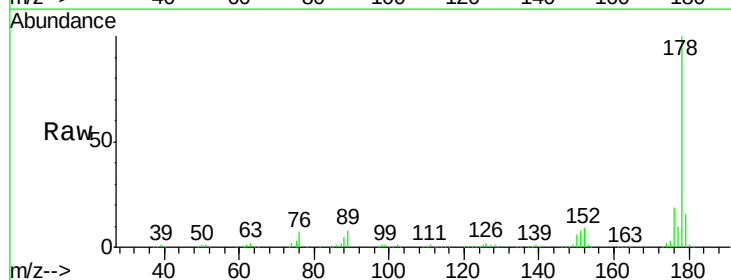
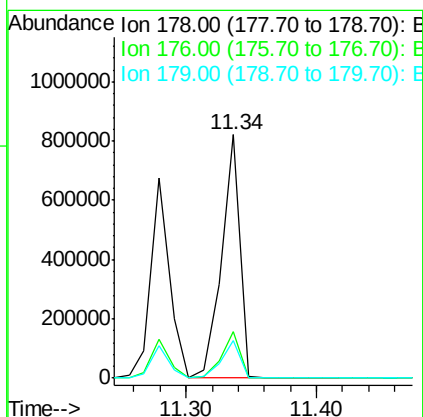
Tgt Ion:178 Resp: 671525
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 13.0 19.4

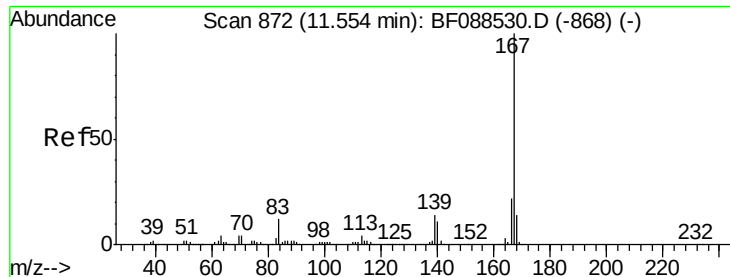
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#71
Anthracene
Concen: 45.48 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:178 Resp: 803501
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.6 12.8 19.2





#72

Carbazole

Concen: 36.97 ng

RT: 11.48 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:167 Resp: 614770

Ion Ratio Lower Upper

167 100

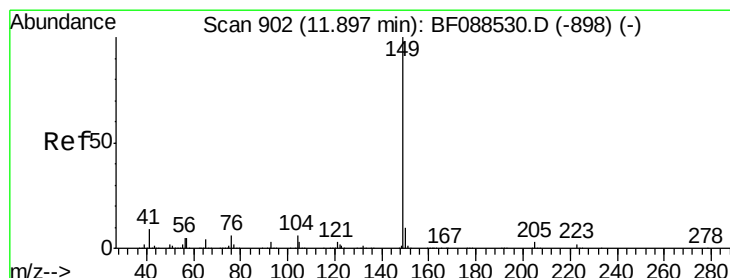
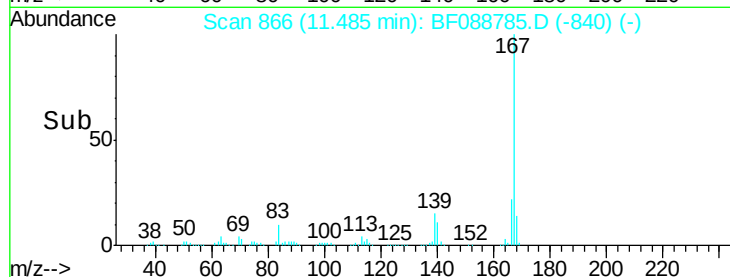
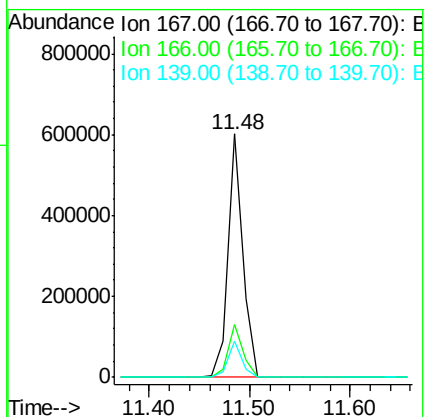
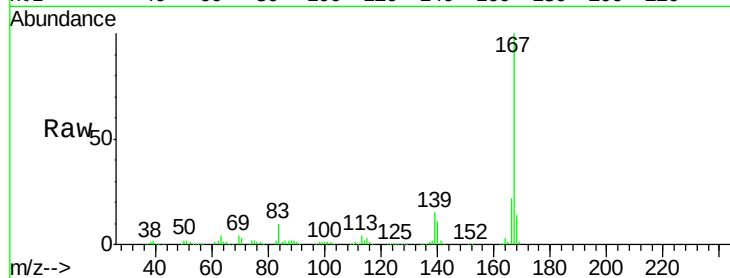
166 21.9 17.8 26.6

139 14.9 11.2 16.8

Manual Integrations

SOHIL

7/8/2016 7:04:01 AM



#73

Di-n-butylphthalate

Concen: 41.16 ng

RT: 11.83 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

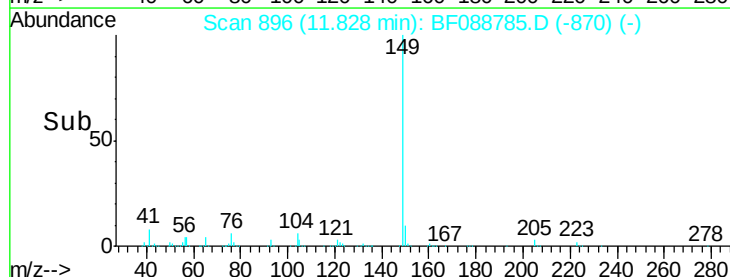
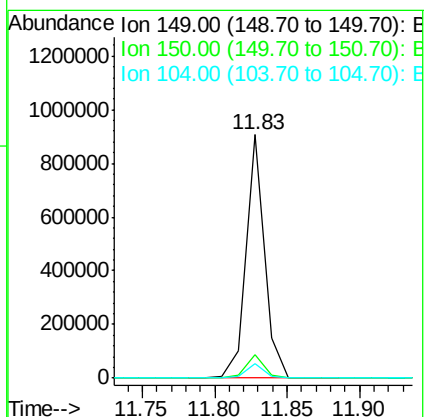
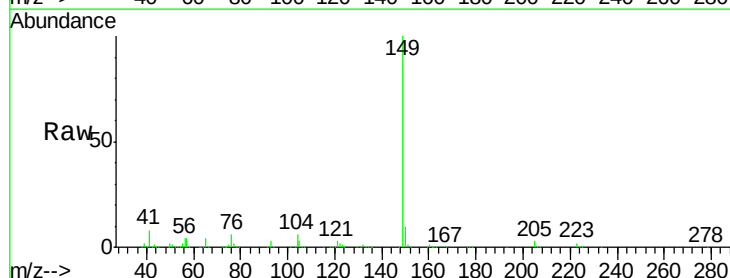
Tgt Ion:149 Resp: 796069

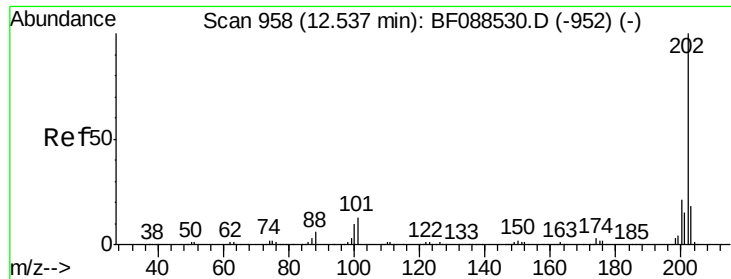
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.9 4.0 6.0



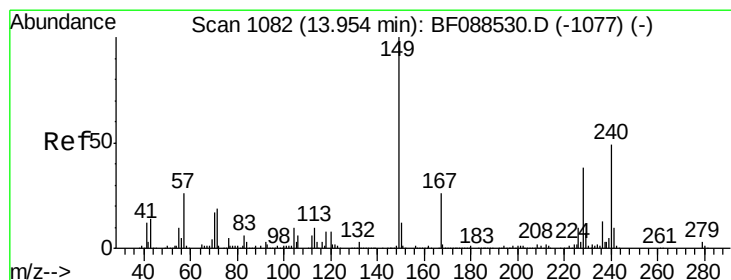
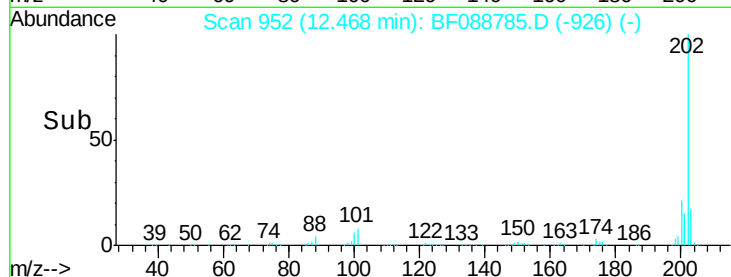
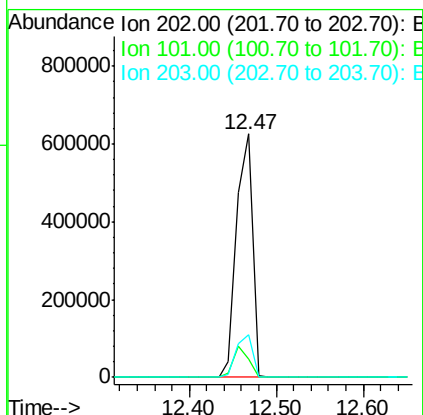
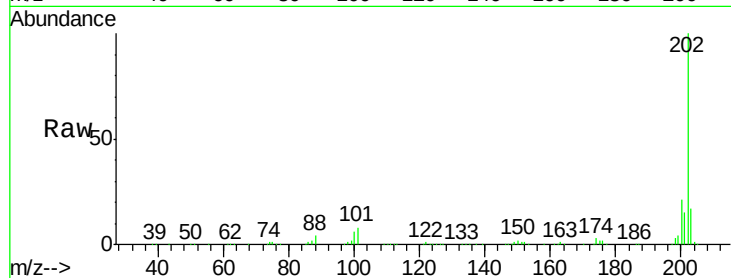


#74
Fluoranthene
 Concen: 43.81 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

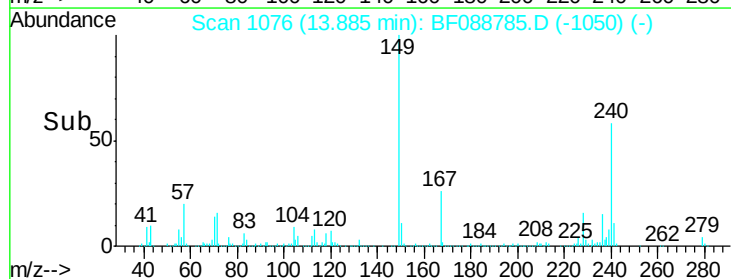
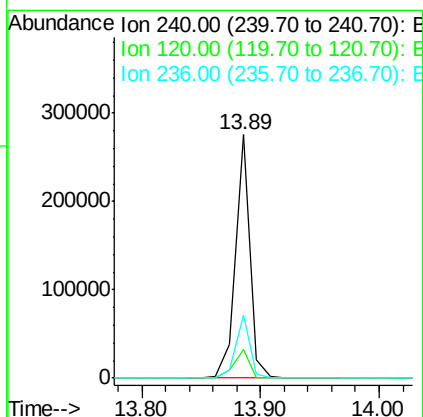
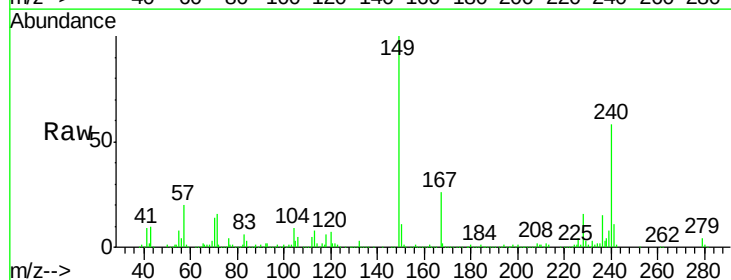
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	789081		
101	7.8		0.0	33.1
203	17.3		0.0	38.1

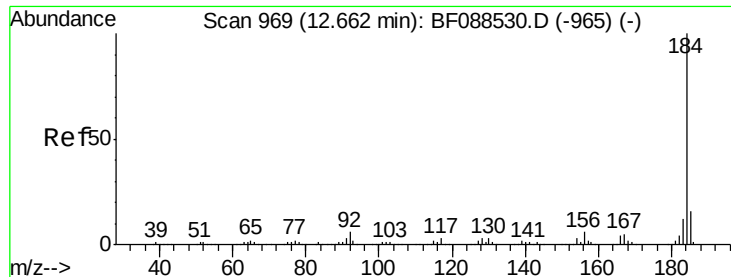
Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	231891		
120	11.5		6.8	10.2#
236	26.2		20.2	30.2





#76

Benzidine

Concen: 26.70 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:184 Resp: 312920

Ion Ratio Lower Upper

184 100

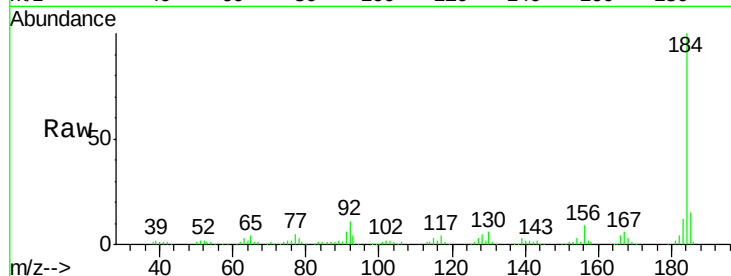
185 14.8 12.5 18.7

183 11.9 9.3 13.9

Manual Integrations

SOHIL

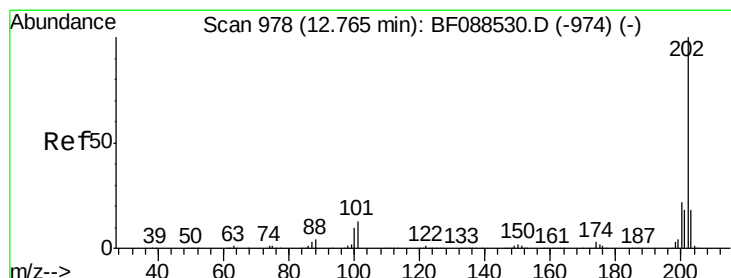
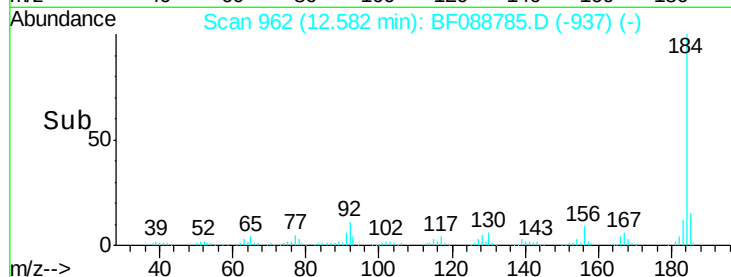
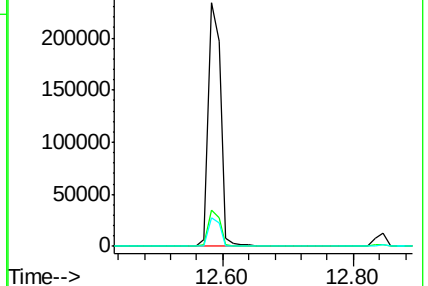
7/8/2016 7:04:01 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.19 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

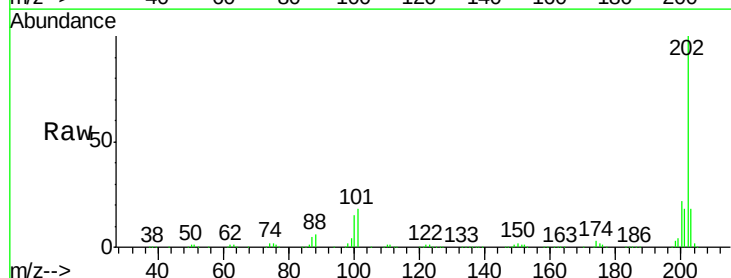
Tgt Ion:202 Resp: 711617

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

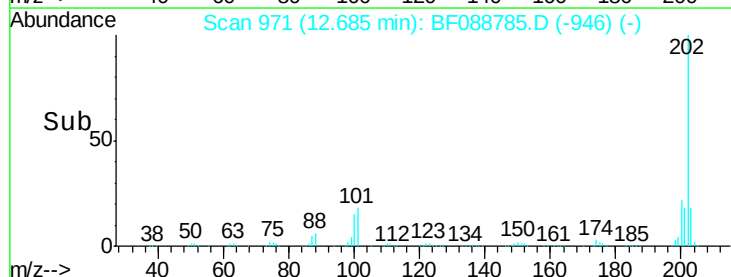
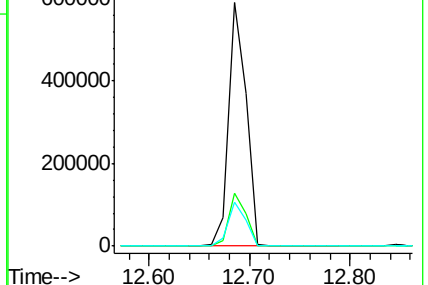
203 18.1 14.5 21.7

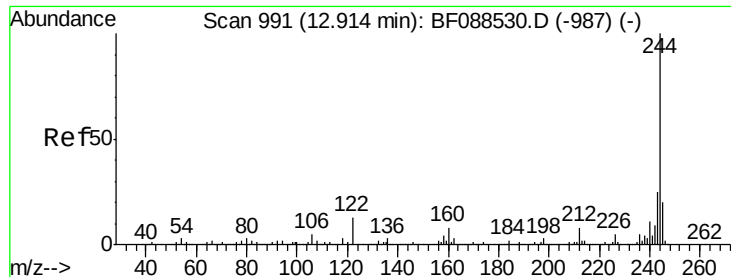


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.54 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Instrument :

BNA_F

ClientSampleId :

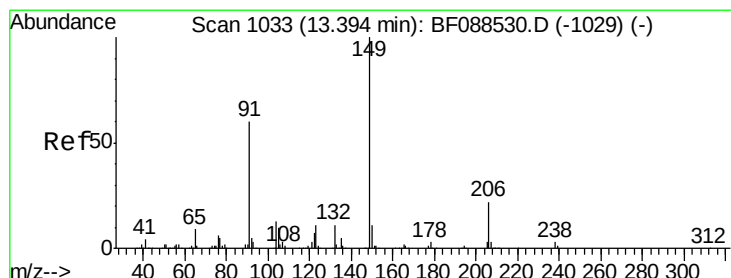
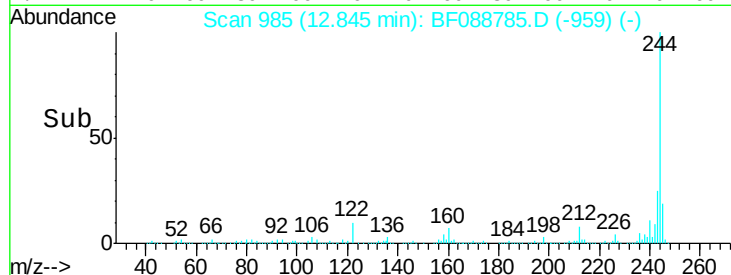
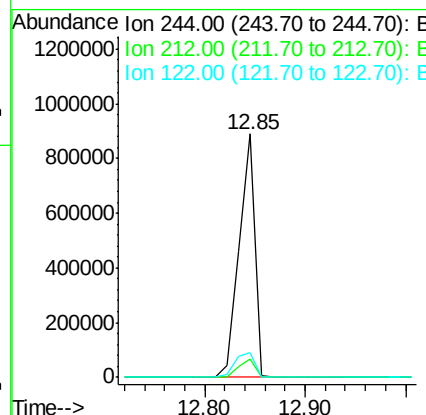
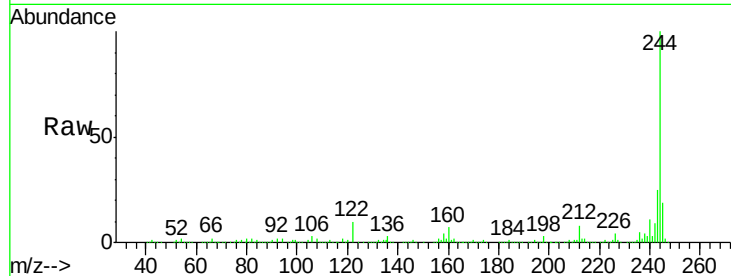
K8-B2(0-11)CMSD

Tgt Ion:244 Resp: 963401
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 10.1 11.2 16.8#

Manual Integrations

SOHIL

7/8/2016 7:04:01 AM



#79

Butylbenzylphthalate

Concen: 39.30 ng

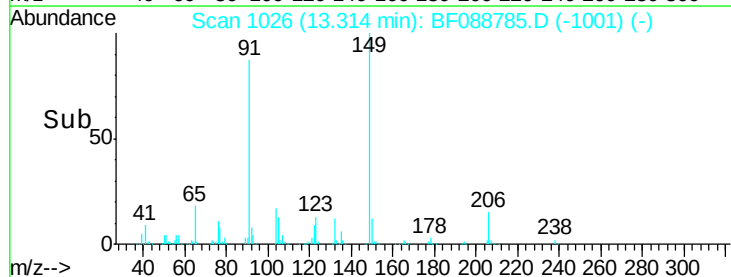
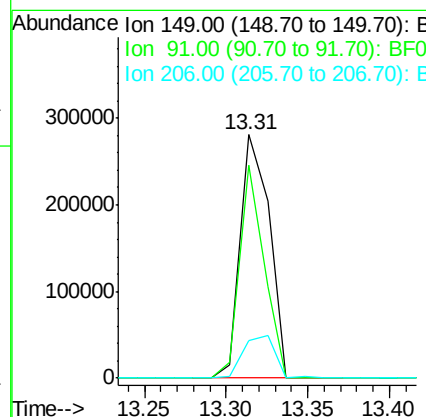
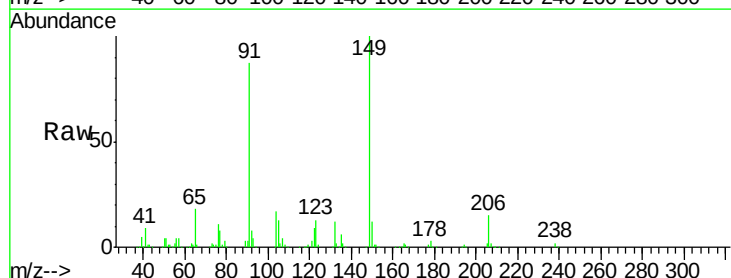
RT: 13.31 min Scan# 1026

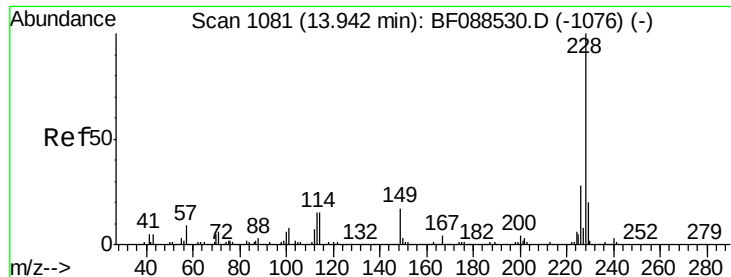
Delta R.T. -0.01 min

Lab File: BF088785.D

Acq: 7 Jul 2016 18:15

Tgt Ion:149 Resp: 344715
 Ion Ratio Lower Upper
 149 100
 91 87.3 48.0 72.0#
 206 15.3 16.0 24.0#



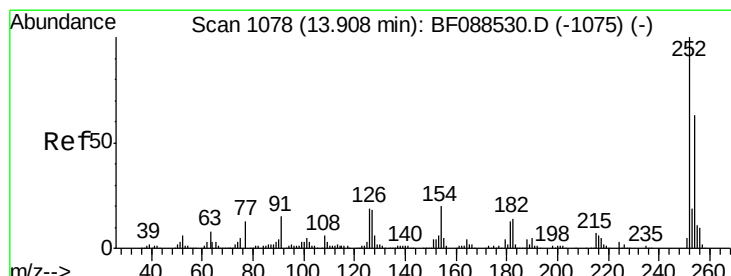
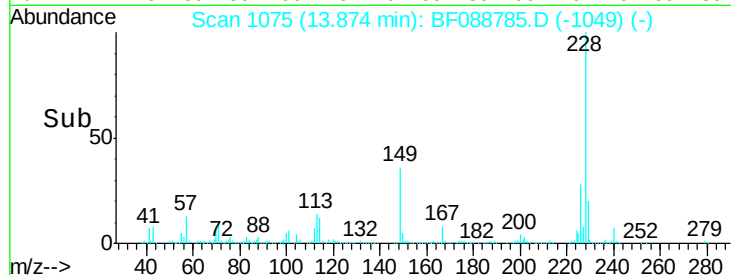
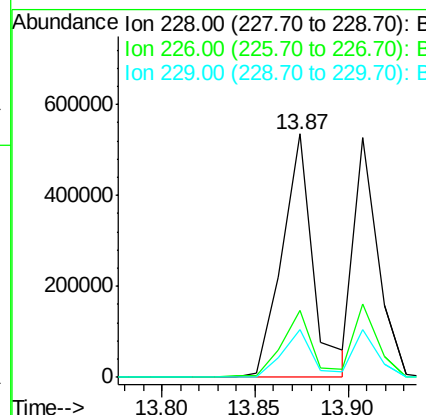
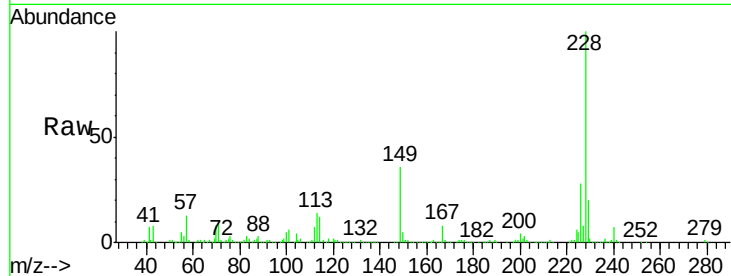


#80
Benzo(a)anthracene
Concen: 41.49 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

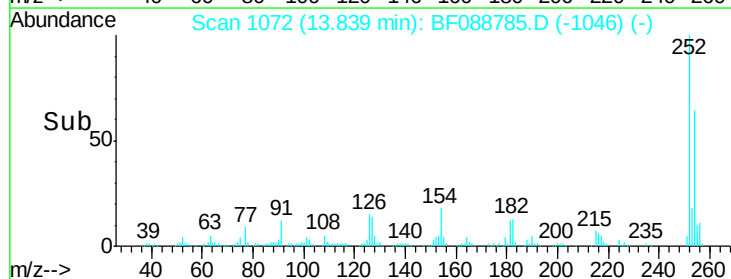
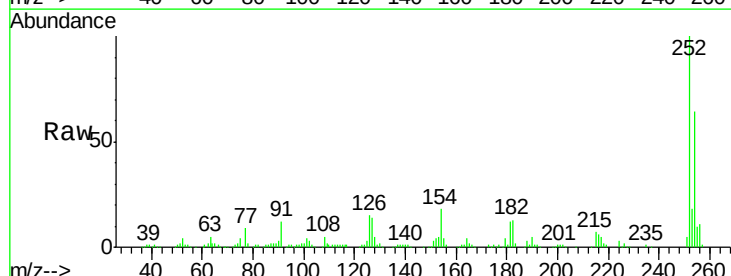
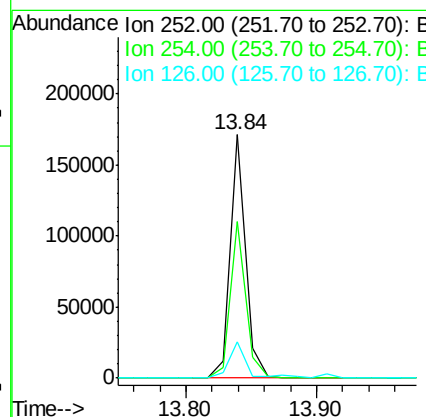
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.8	16.0	24.0

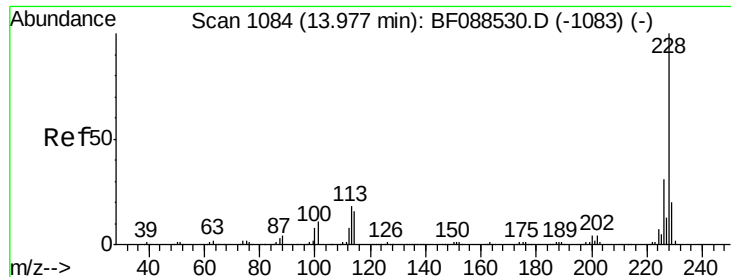
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#81
3,3'-Dichlorobenzidine
Concen: 25.33 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	14.9	6.2	9.2



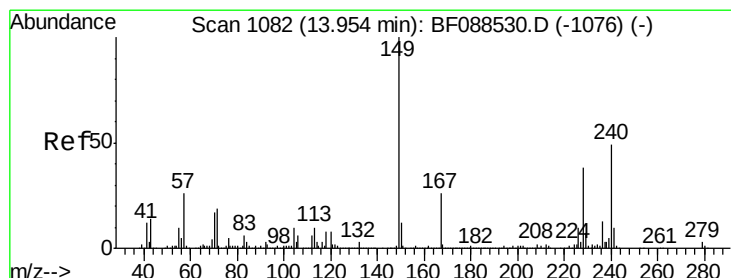
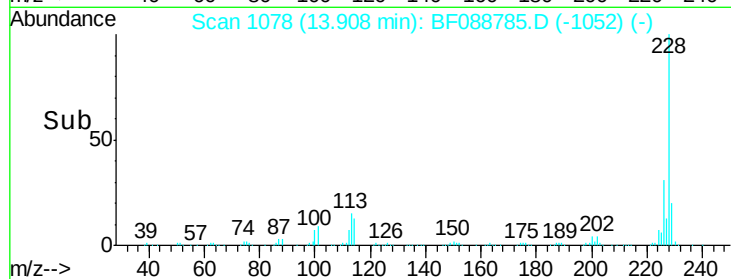
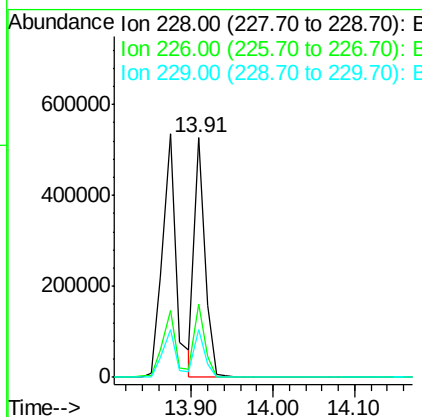
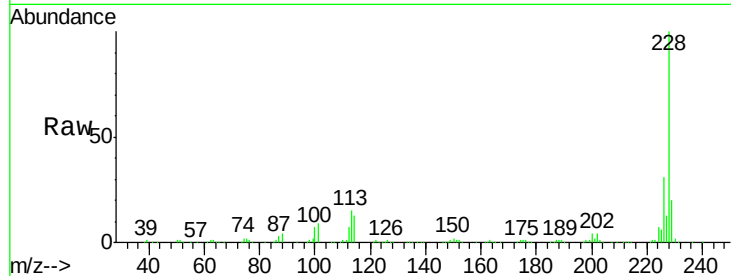


#82
Chrysene
 Concen: 32.42 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

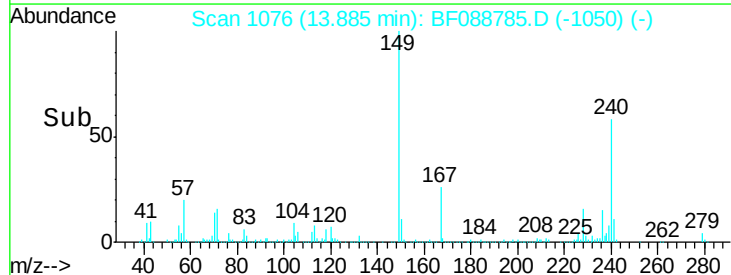
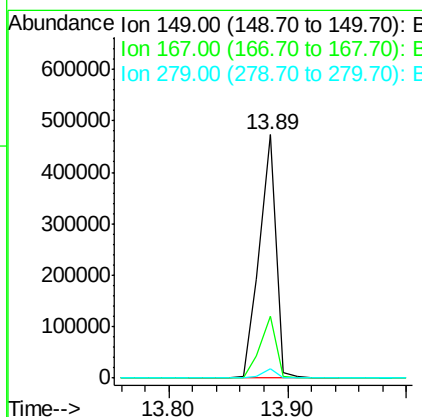
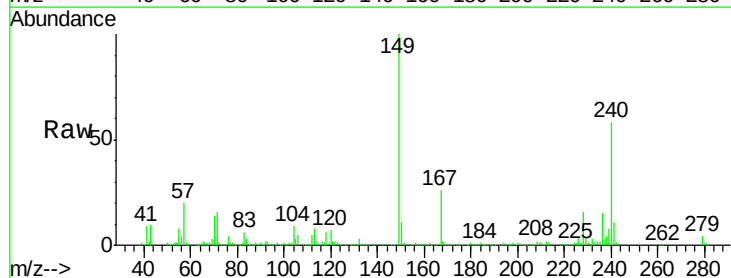
Tgt Ion: 228 Resp: 479011
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 20.1 16.3 24.5

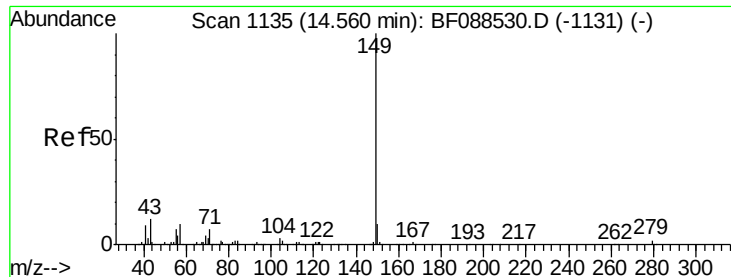
Manual Integrations
 SOHIL
 7/8/2016 7:04:01 AM



#83
Bis(2-ethylhexyl)phthalate
 Concen: 46.96 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088785.D
 Acq: 7 Jul 2016 18:15

Tgt Ion: 149 Resp: 470188
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.5 30.7
 279 3.8 2.0 3.0#



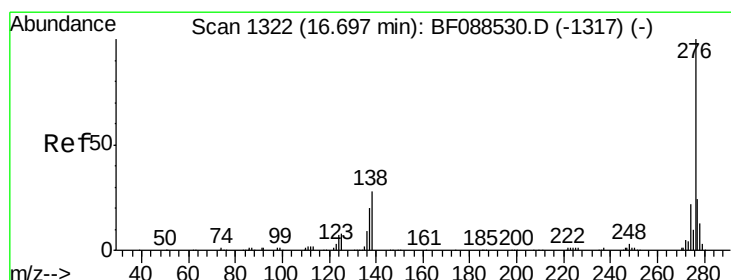
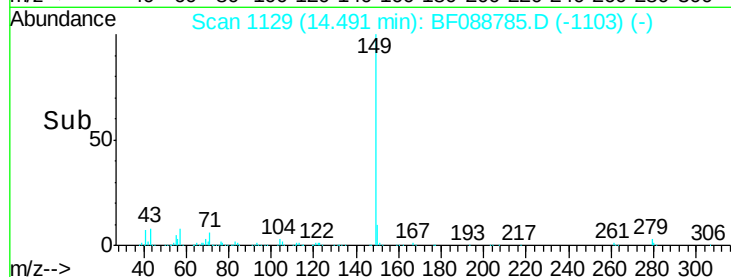
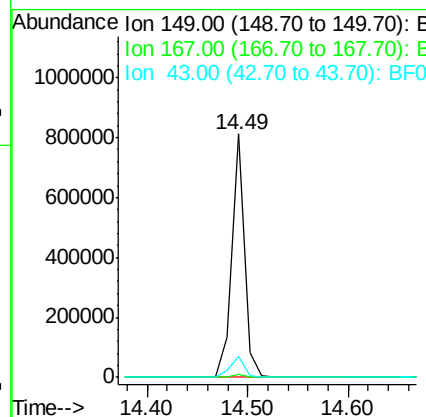
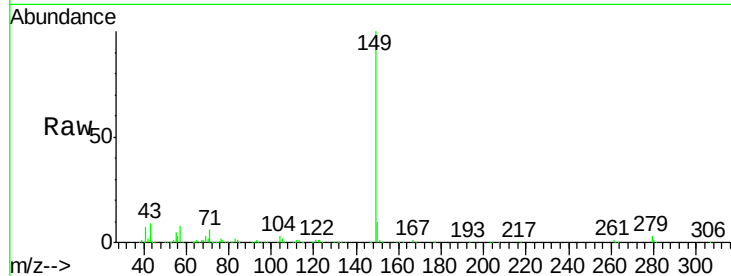


#84
Di-n-octyl phthalate
Concen: 41.89 ng
RT: 14.49 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

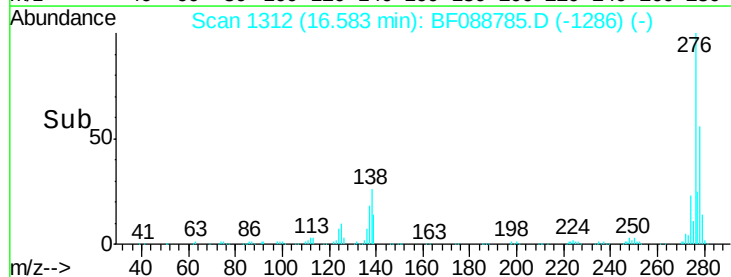
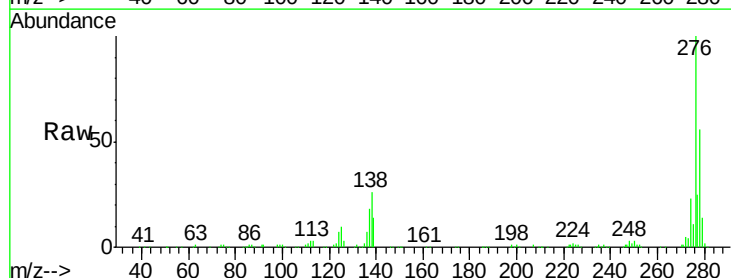
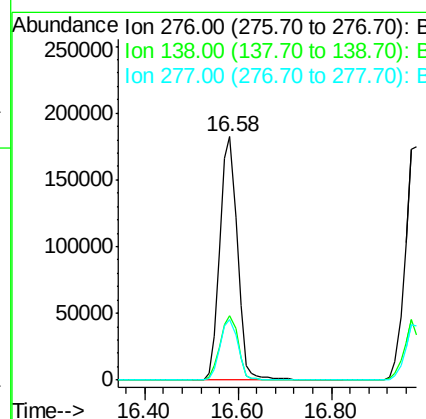
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.2	0.0	0.0#

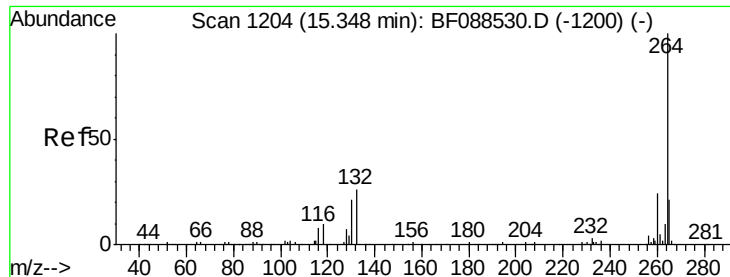
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.83 ng
RT: 16.58 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	25.4	0.0	0.0#



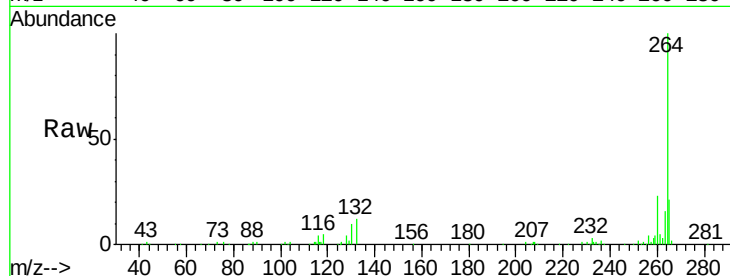


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

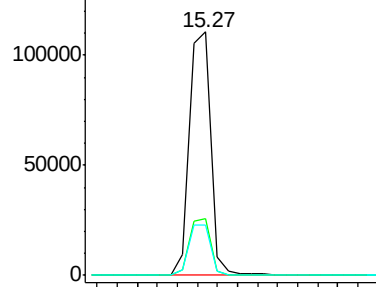
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.7	16.9	25.3

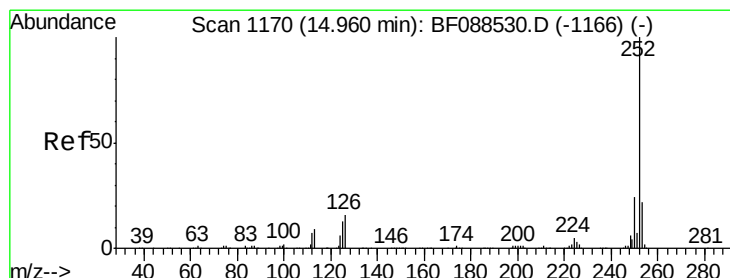
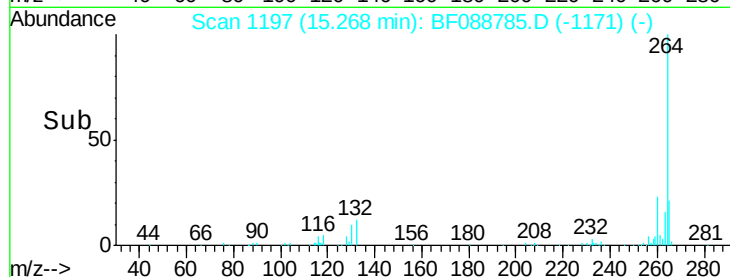
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



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

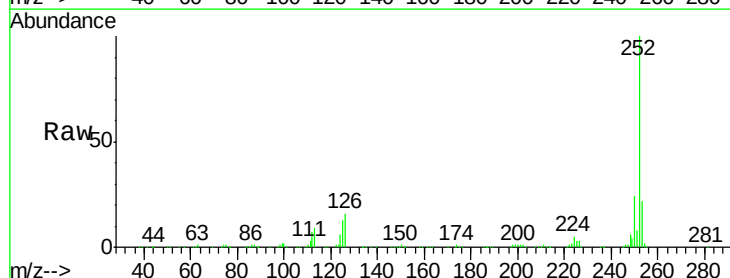


Time-->

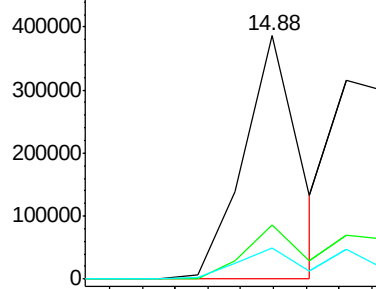


#87
Benzo(b)fluoranthene
Concen: 44.40 ng m
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

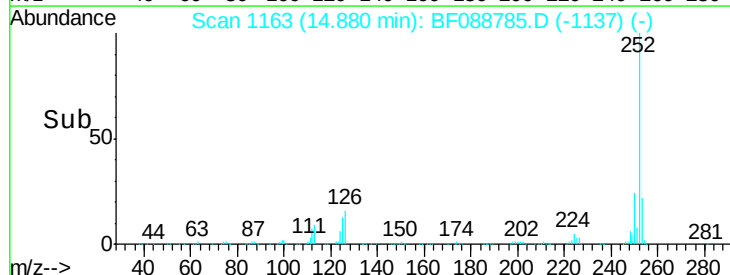
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	12.6	7.1	10.7#

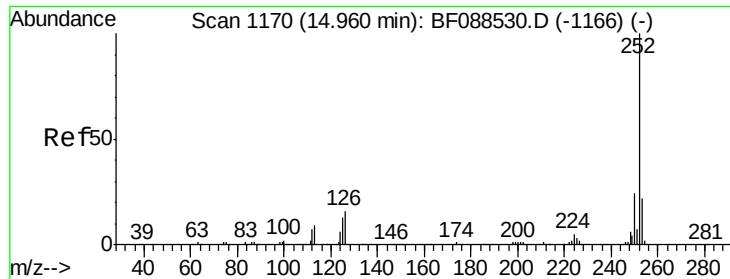


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



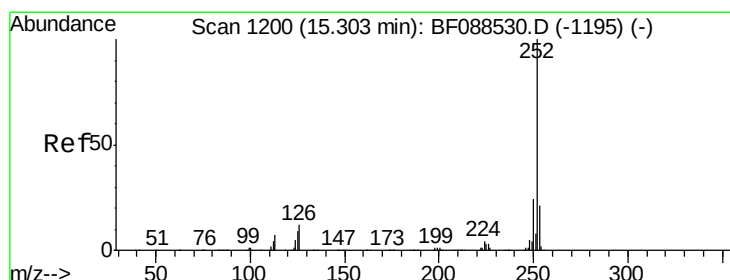
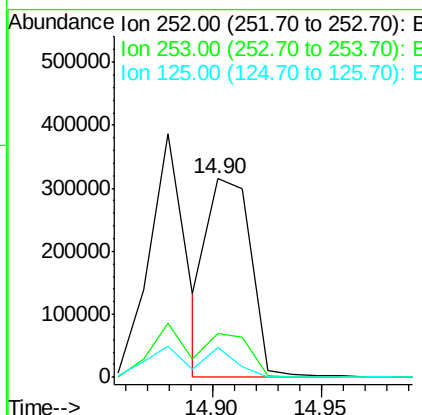
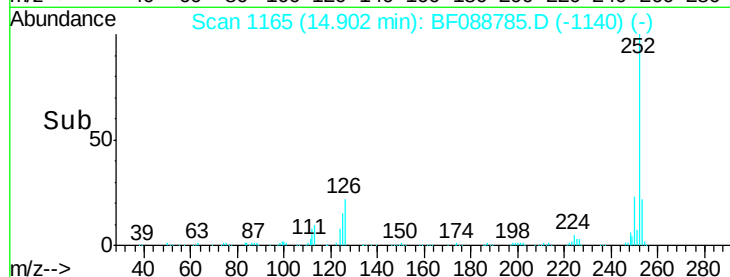
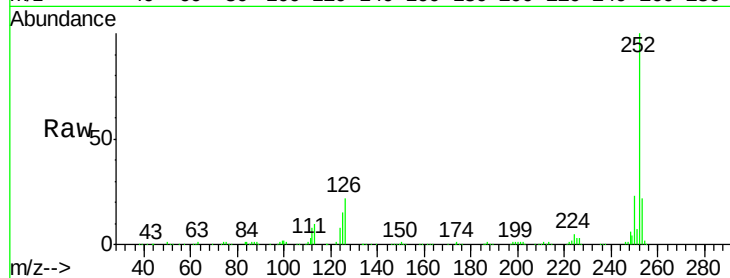


#88
Benzo(k)fluoranthene
Concen: 48.78 ng m
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

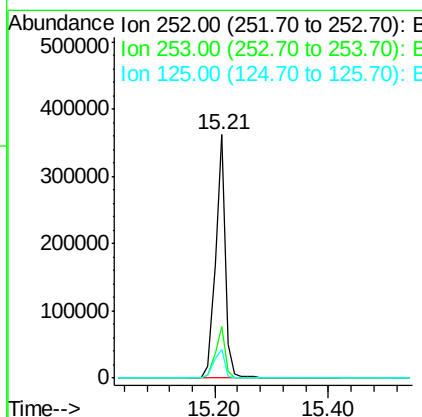
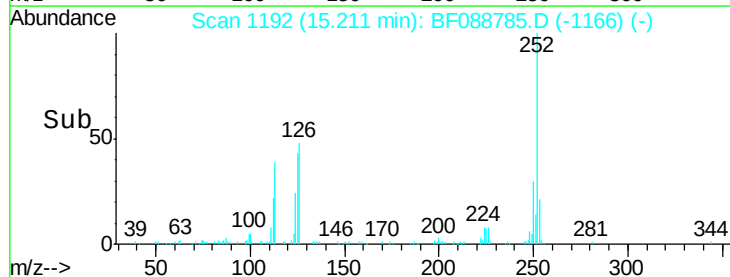
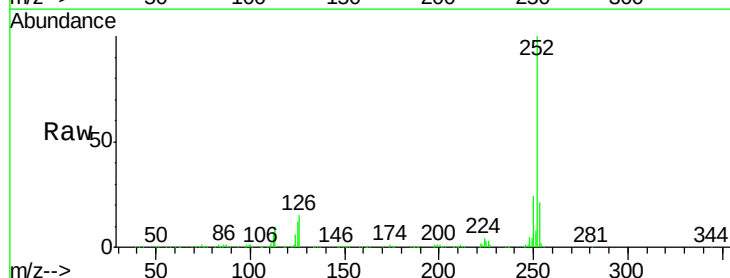
Tgt Ion:252 Resp: 435554
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 14.9 11.2 16.8

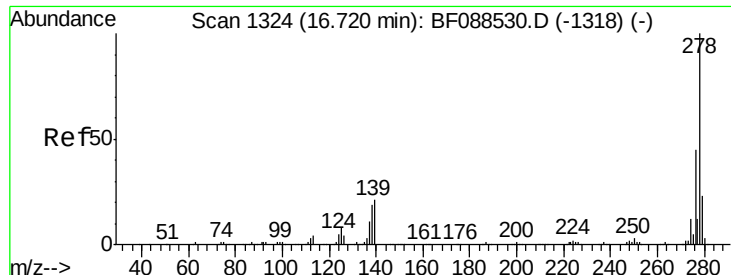
Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#89
Benzo(a)pyrene
Concen: 48.97 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion:252 Resp: 425262
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 11.9 12.5 18.7#



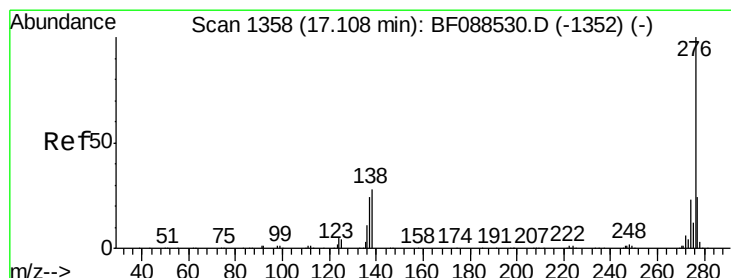
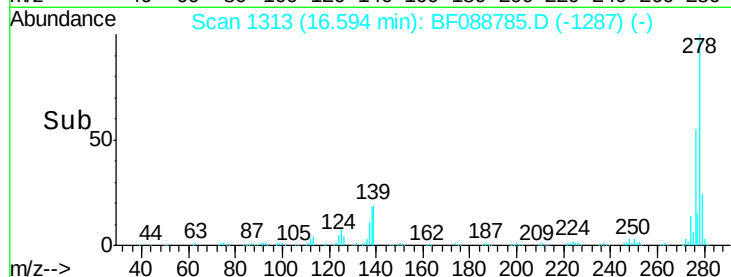
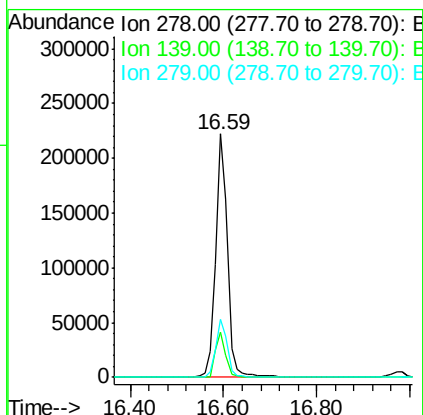
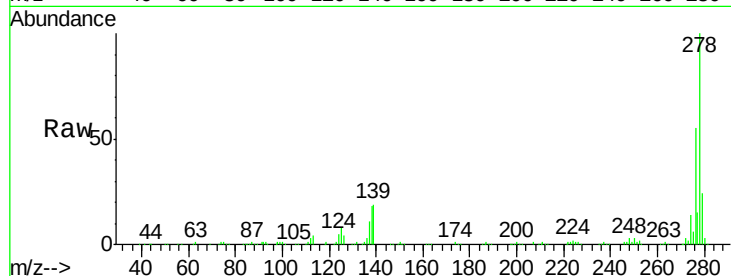


#90
Dibenzo(a,h)anthracene
Concen: 54.04 ng
RT: 16.59 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	23.6	19.4	29.2

Manual Integrations
SOHIL
7/8/2016 7:04:01 AM



#91
Benzo(g,h,i)perylene
Concen: 53.95 ng
RT: 16.98 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF088785.D
Acq: 7 Jul 2016 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	19.3	21.4	32.2

