

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088781.D
 Acq On : 7 Jul 2016 15:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/8/2016 7:03:53 AM

Quant Time: Jul 08 02:11:25 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107094	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	423916	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	196755	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	361310	20.00	ng	0.00
75) Chrysene-d12	13.89	240	260995	20.00	ng	0.00
86) Perylene-d12	15.27	264	243724	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	498590	69.77	ng	0.00
7) Phenol-d6	6.39	99	686079	74.31	ng	0.00
23) Nitrobenzene-d5	7.31	82	610768	75.50	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	181172	99.16	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	958415	76.94	ng	0.00
78) Terphenyl-d14	12.85	244	979274	83.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	120535	34.02	ng	# 36
3) Pyridine	2.95	79	346592	33.71	ng	92
4) n-Nitrosodimethylamine	2.91	42	128030	32.60	ng	90
6) Aniline	6.41	93	473732	35.21	ng	99
8) 2-Chlorophenol	6.52	128	283035	36.85	ng	100
9) Benzaldehyde	6.28	77	197299	31.55	ng	90
10) Phenol	6.40	94	412289	39.12	ng	# 61
11) bis(2-Chloroethyl)ether	6.48	93	287115	36.54	ng	92
12) 1,3-Dichlorobenzene	6.68	146	342077	40.48	ng	97
13) 1,4-Dichlorobenzene	6.76	146	336008	40.06	ng	97
14) 1,2-Dichlorobenzene	6.91	146	290827m	37.04	ng	
15) Benzyl Alcohol	6.89	79	247511	36.42	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	349473	30.71	ng	88
17) 2-Methylphenol	7.00	107	230621	36.81	ng	96
18) Hexachloroethane	7.26	117	128942	39.74	ng	# 87
19) n-Nitroso-di-n-propylamine	7.18	70	234828	37.86	ng	# 84
20) 3+4-Methylphenols	7.16	107	274102	36.45	ng	# 83
22) Acetophenone	7.16	105	436851	42.46	ng	# 90
24) Nitrobenzene	7.34	77	332313	40.74	ng	100
25) Isophorone	7.58	82	582797	38.89	ng	97
26) 2-Nitrophenol	7.64	139	146954	43.94	ng	96
27) 2,4-Dimethylphenol	7.69	122	256698	36.85	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	374683	38.42	ng	98
29) 2,4-Dichlorophenol	7.88	162	222335	39.49	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	270820	43.84	ng	98
31) Naphthalene	8.06	128	872713	41.76	ng	99
32) Benzoic acid	7.84	122	186904	36.96	ng	90
33) 4-Chloroaniline	8.10	127	395079	42.49	ng	98
34) Hexachlorobutadiene	8.17	225	140503	42.47	ng	99
35) Caprolactam	8.49	113	74597	39.01	ng	# 88
36) 4-Chloro-3-methylphenol	8.59	107	300355	45.12	ng	97
37) 2-Methylnaphthalene	8.74	142	551287	40.97	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	307497	46.99	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	129296	40.25	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	172593	40.00	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	167818	45.21	ng #	92
45) 1,1'-Biphenyl	9.21	154	725085	44.50	ng	97
46) 2-Chloronaphthalene	9.23	162	558570	43.67	ng	98
47) 2-Nitroaniline	9.32	65	166990	36.79	ng	98
48) Acenaphthylene	9.64	152	855517	42.04	ng	99
49) Dimethylphthalate	9.52	163	611349	43.61	ng	99
50) 2,6-Dinitrotoluene	9.58	165	147592	47.51	ng	92
51) Acenaphthene	9.82	154	527259	42.27	ng	98
52) 3-Nitroaniline	9.74	138	132544	33.56	ng	87
53) 2,4-Dinitrophenol	9.84	184	58772	42.84	ng #	82
54) Dibenzofuran	9.99	168	678243	41.54	ng #	89
55) 4-Nitrophenol	9.90	139	109291	36.42	ng	89
56) 2,4-Dinitrotoluene	9.98	165	189268	46.60	ng #	73
57) Fluorene	10.33	166	568837	45.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	119564	41.63	ng #	48
59) Diethylphthalate	10.22	149	602263	42.81	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	224693	38.43	ng #	87
61) 4-Nitroaniline	10.35	138	155296	40.86	ng	84
62) Azobenzene	10.48	77	590000	36.77	ng	95
64) 4,6-Dinitro-2-methylphenol	10.38	198	85158	44.07	ng	84
65) n-Nitrosodiphenylamine	10.44	169	514170	42.05	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	155966	42.84	ng #	87
67) Hexachlorobenzene	10.88	284	172881	42.89	ng #	68
68) Atrazine	10.97	200	137187	36.00	ng	91
69) Pentachlorophenol	11.06	266	91563	38.39	ng	97
70) Phenanthrene	11.28	178	696638	35.27	ng	100
71) Anthracene	11.34	178	851309	43.35	ng	99
72) Carbazole	11.48	167	640218	34.64	ng	99
73) Di-n-butylphthalate	11.83	149	825838	38.41	ng	99
74) Fluoranthene	12.47	202	852520	42.58	ng	94
76) Benzidine	12.59	184	556140	42.16	ng	99
77) Pyrene	12.70	202	845165	38.19	ng	99
79) Butylbenzylphthalate	13.31	149	371396	37.62	ng #	70
80) Benzo(a)anthracene	13.87	228	662515	39.42	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	232350	36.77	ng #	94
82) Chrysene	13.91	228	606943	36.50	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	510500	45.30	ng #	100
84) Di-n-octyl phthalate	14.49	149	835188	43.62	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	508457	39.75	ng #	100
87) Benzo(b)fluoranthene	14.88	252	556609m	36.41	ng	
88) Benzo(k)fluoranthene	14.91	252	599238m	45.02	ng	
89) Benzo(a)pyrene	15.21	252	496869	38.38	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	444355	41.11	ng #	92
91) Benzo(g,h,i)perylene	16.98	276	434436	38.84	ng #	92

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

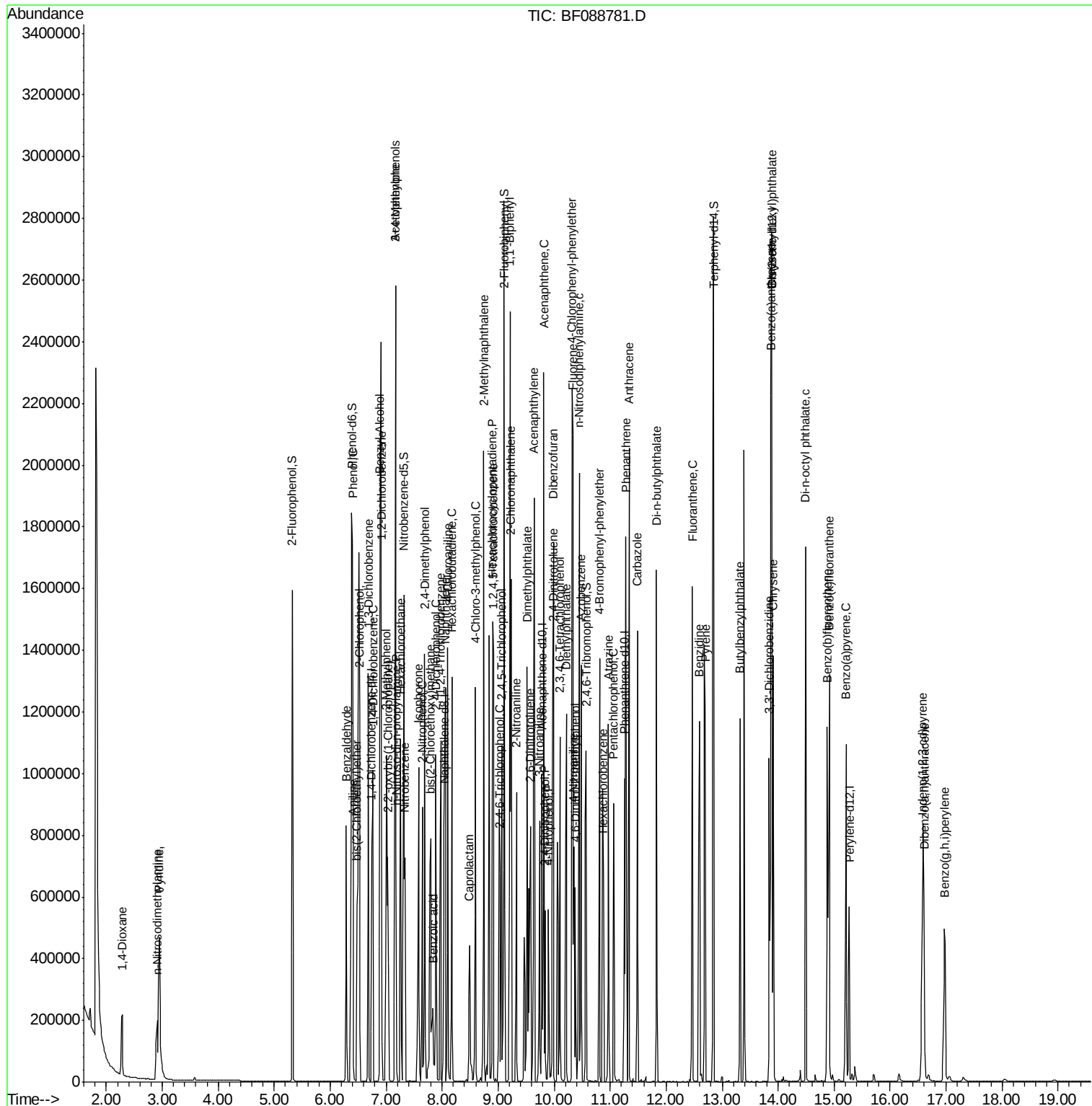
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\  
Data File : BF088781.D  
Acq On    : 7 Jul 2016 15:46  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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ClientSampleId :
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#1

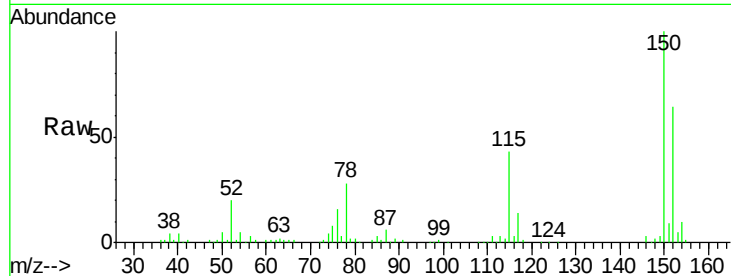
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	67.5	39.6	59.4

Manual Integrations

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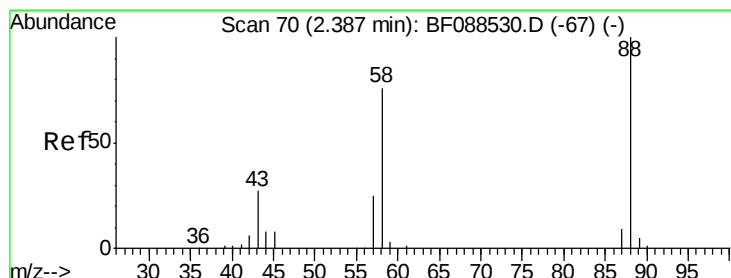
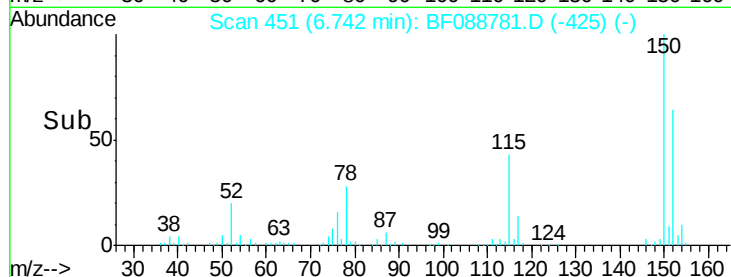
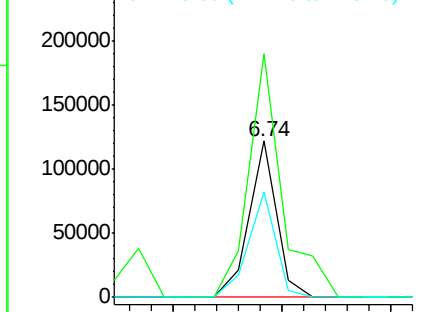


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

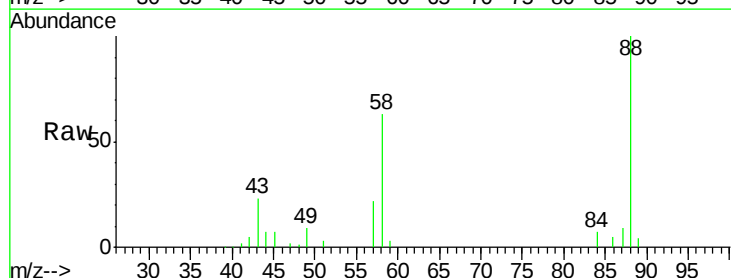
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.02 ng
RT: 2.28 min Scan# 61
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	0.0	0.0
43	25.2	3.4	5.2

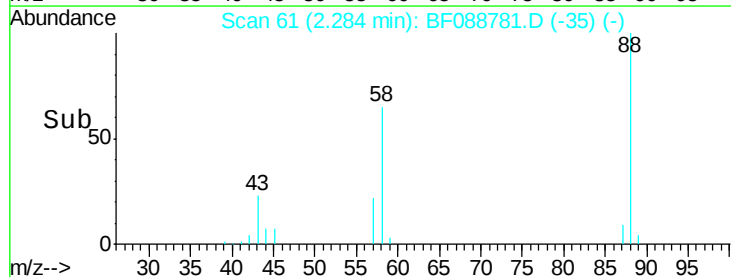
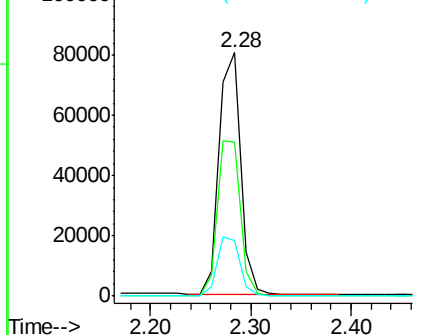


Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.71 ng

RT: 2.95 min Scan# 119

Delta R.T. 0.00 min

Lab File: BF088781.D

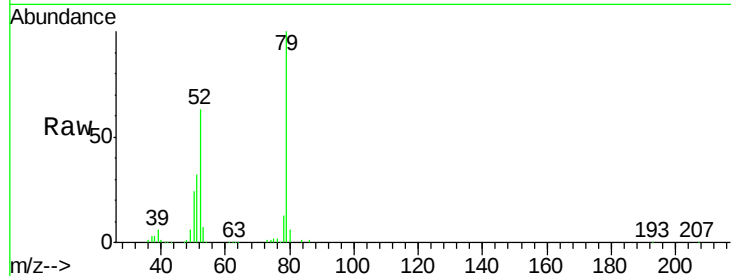
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

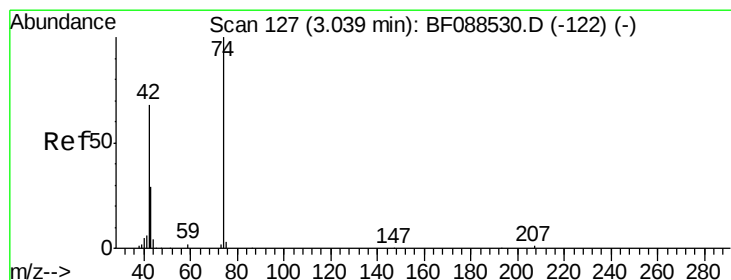
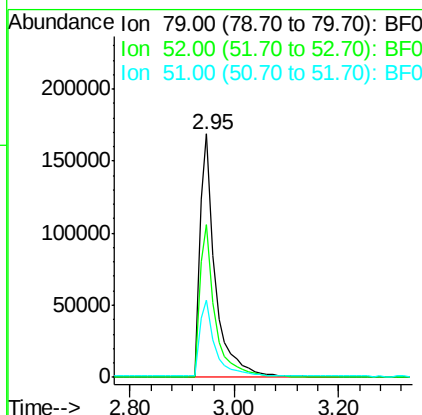
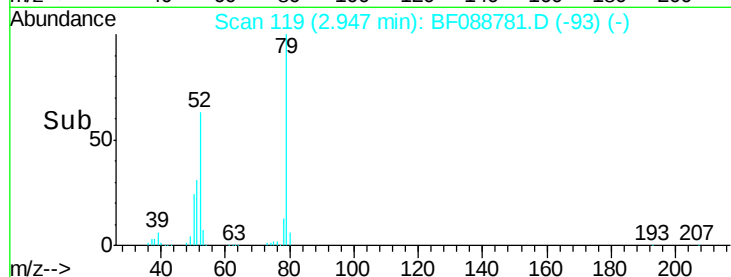


Tgt Ion:	79	Resp:	346592
Ion	Ratio	Lower	Upper
79	100		
52	62.7	56.3	84.5
51	31.6	27.4	41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

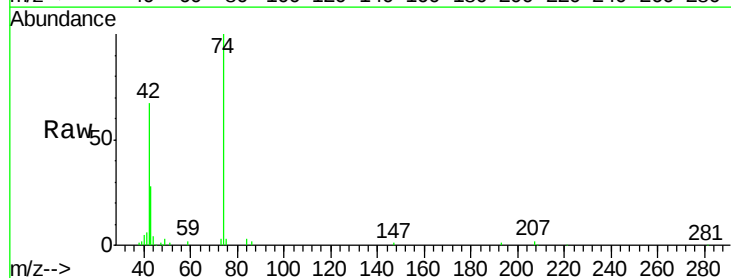
Concen: 32.60 ng

RT: 2.91 min Scan# 116

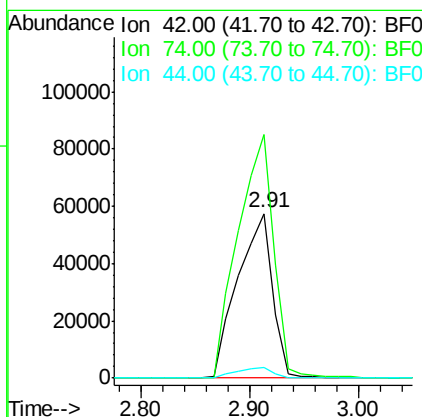
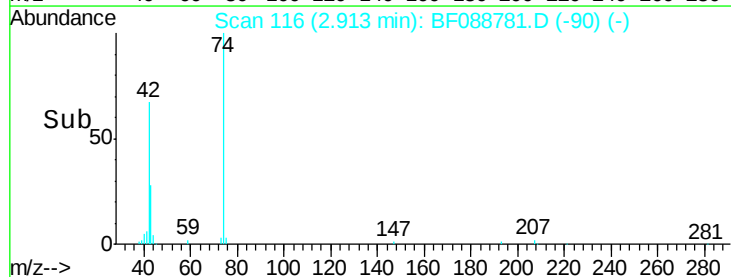
Delta R.T. 0.00 min

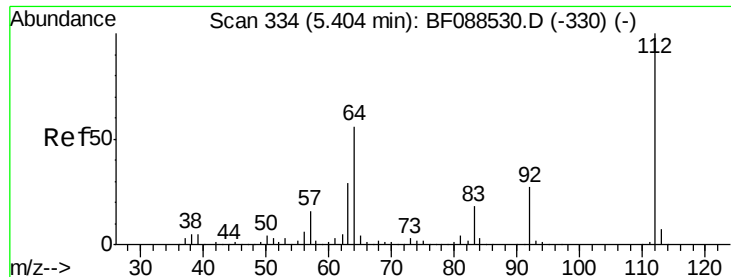
Lab File: BF088781.D

Acq: 7 Jul 2016 15:46



Tgt Ion:	42	Resp:	128030
Ion	Ratio	Lower	Upper
42	100		
74	148.2	108.6	163.0
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 69.77 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

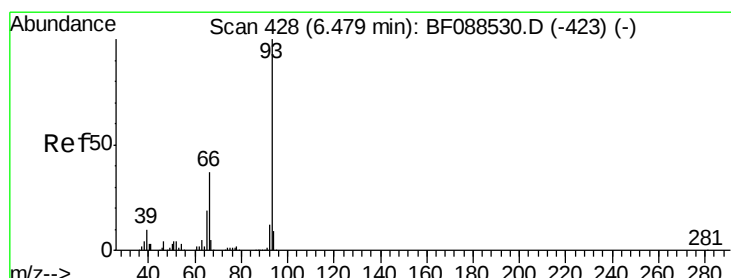
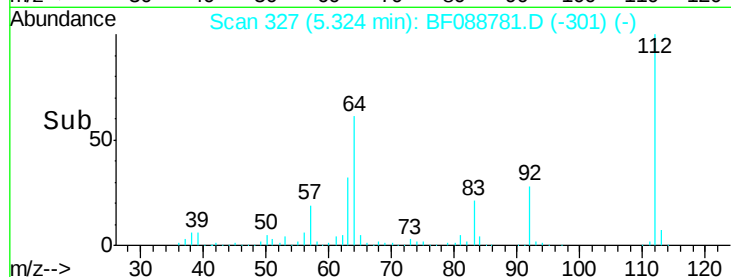
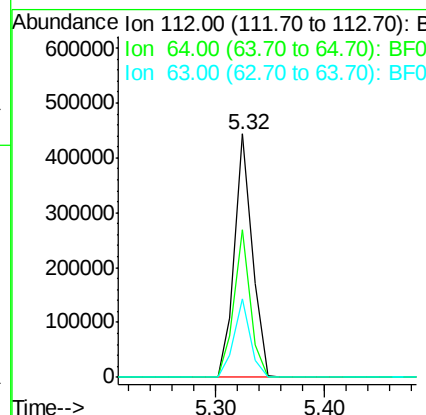
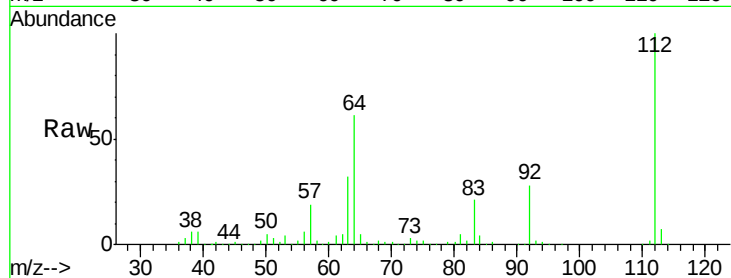
SSTDCCC040

Tgt Ion:	112	Resp:	498590
Ion Ratio	Lower	Upper	
112	100		
64	60.7	42.2	63.2
63	32.1	21.8	32.8

Manual Integrations

SOHIL

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#6

Aniline

Concen: 35.21 ng

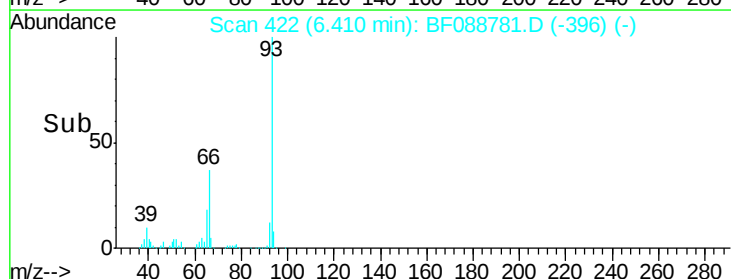
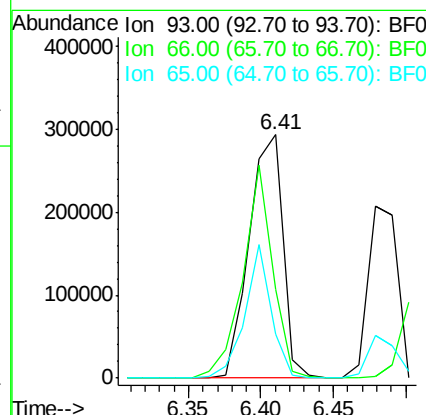
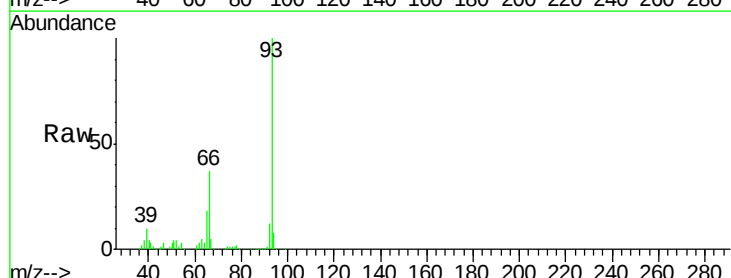
RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:	93	Resp:	473732
Ion Ratio	Lower	Upper	
93	100		
66	36.6	29.8	44.8
65	17.9	14.9	22.3





#7

Phenol-d6

Concen: 74.31 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088781.D

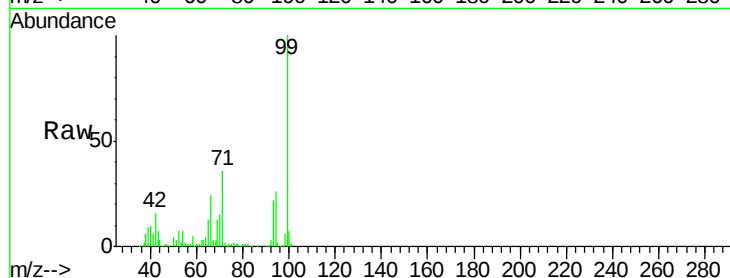
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 99 Resp: 686079

Ion Ratio Lower Upper

99 100

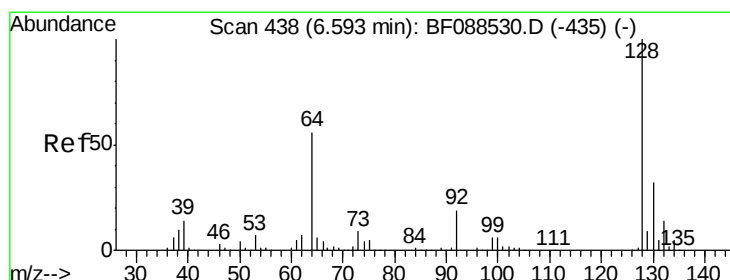
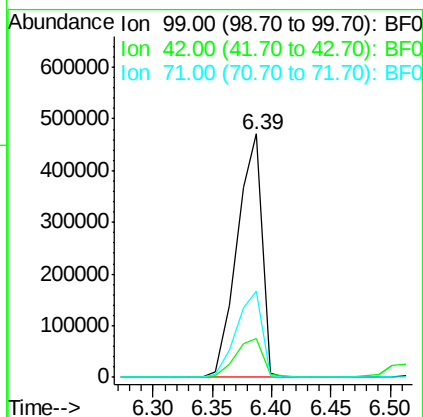
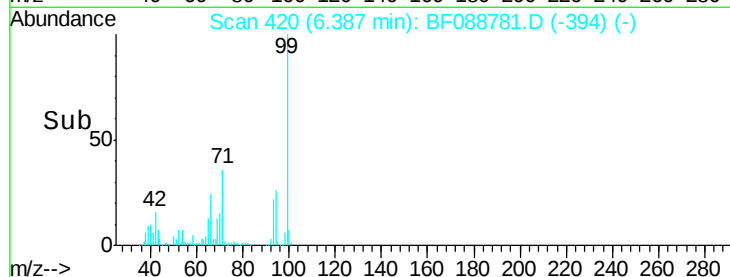
42 15.7 12.2 18.2

71 35.6 23.4 35.0#

Manual Integrations

SOHIL

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#8

2-Chlorophenol

Concen: 36.85 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

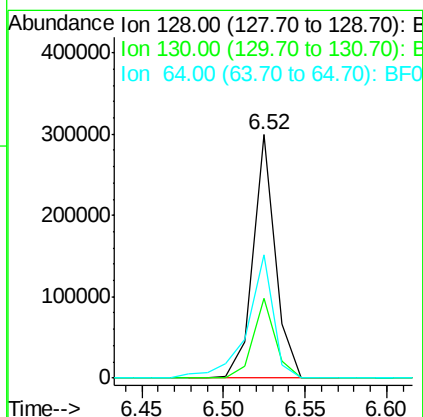
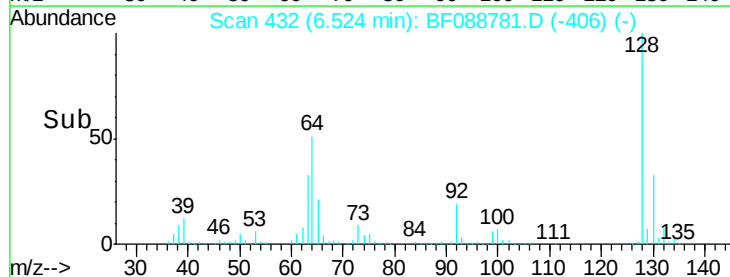
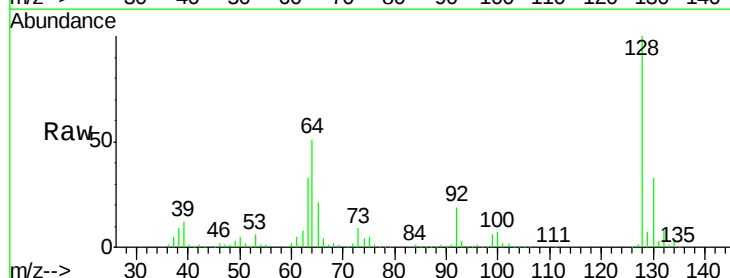
Tgt Ion: 128 Resp: 283035

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 50.7 30.8 70.8





#9

Benzaldehyde

Concen: 31.55 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF088781.D

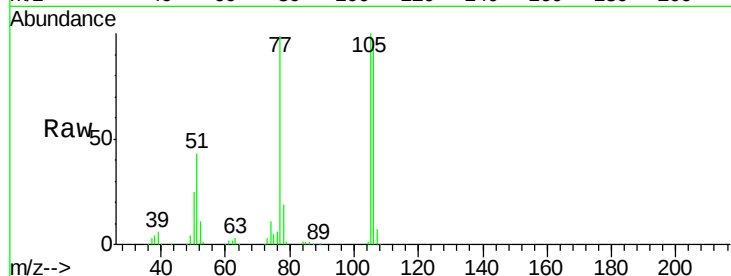
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

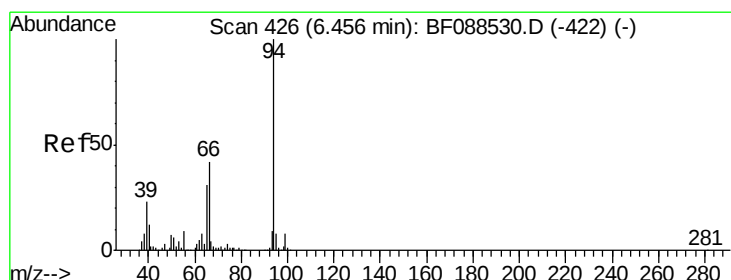
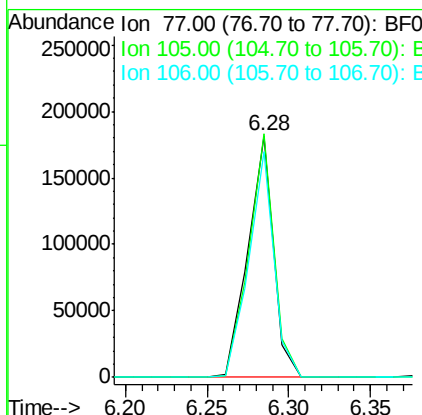
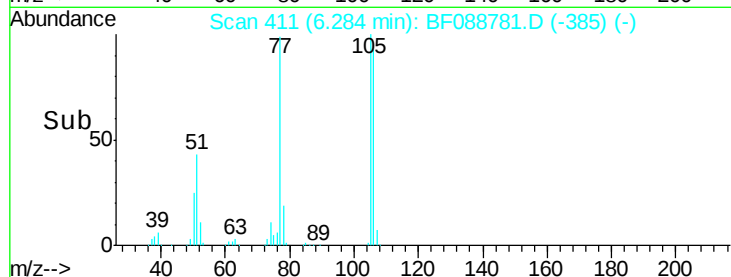


Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.0	90.6	130.6
106	93.8	85.3	125.3

Manual Integrations

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7/8/2016 7:03:53 AM



#10

Phenol

Concen: 39.12 ng

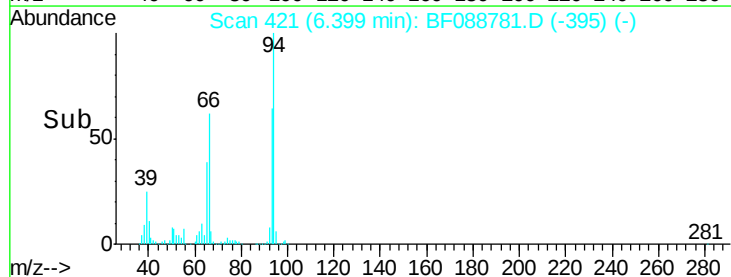
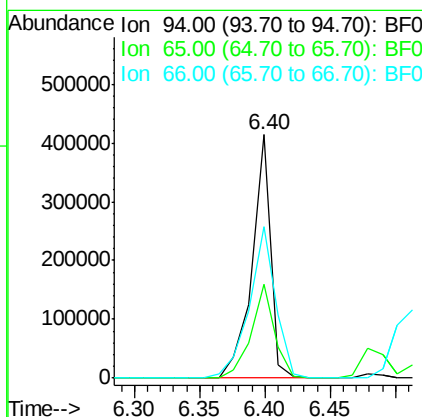
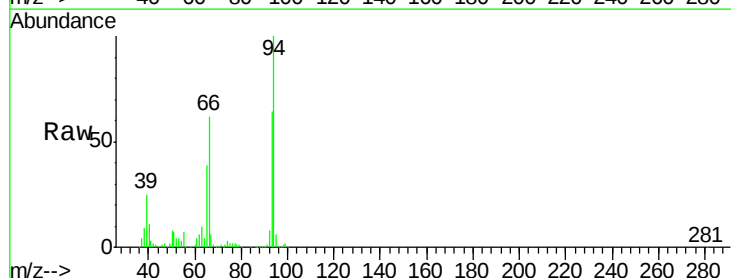
RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.8	5.9	45.9
66	62.0	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 36.54 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

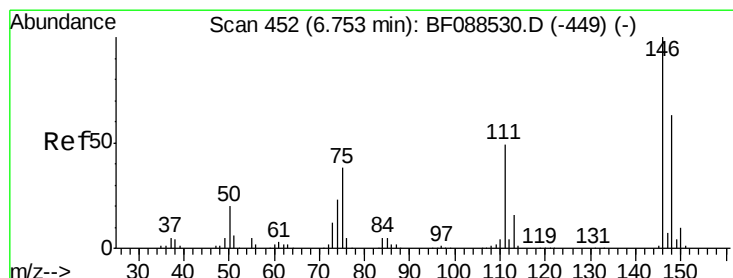
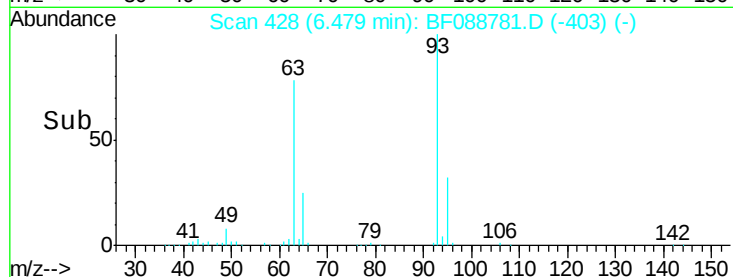
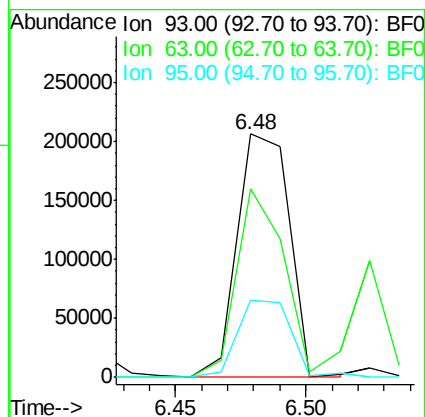
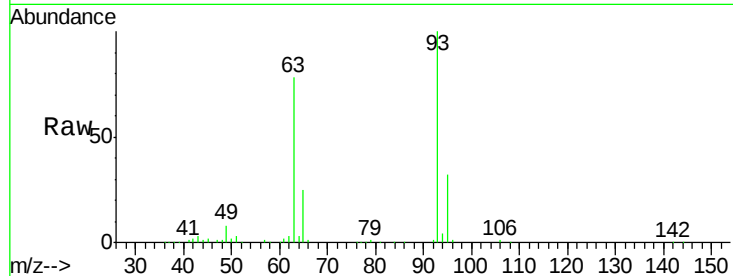
SSTDCCC040

Tgt Ion:	93	Resp:	287115
Ion	Ratio	Lower	Upper
93	100		
63	77.5	67.6	107.6
95	31.6	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 40.48 ng

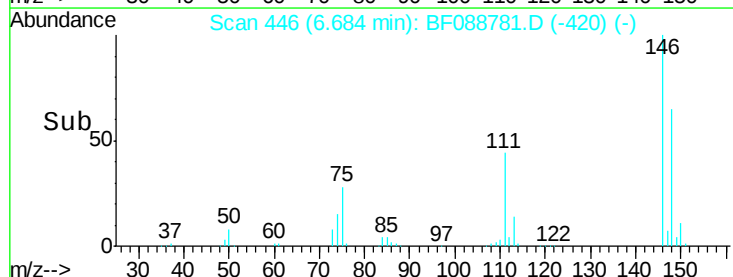
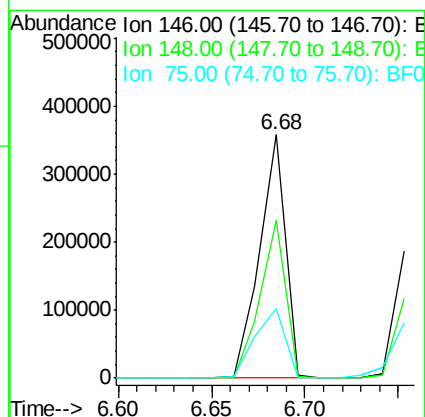
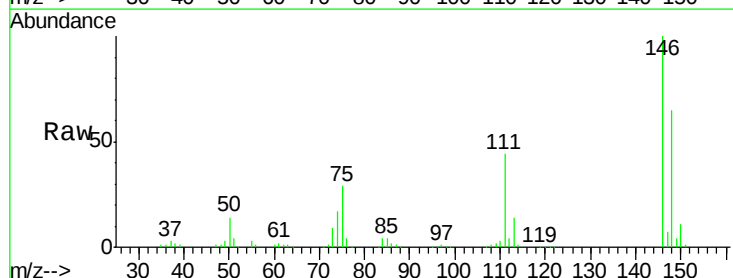
RT: 6.68 min Scan# 446

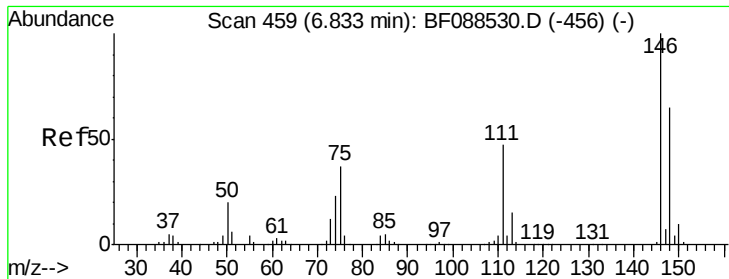
Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:	146	Resp:	342077
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
75	28.8	25.6	38.4





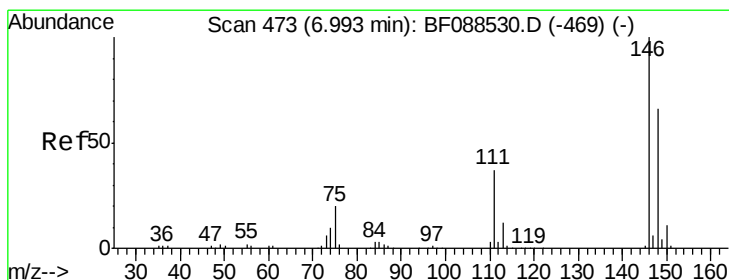
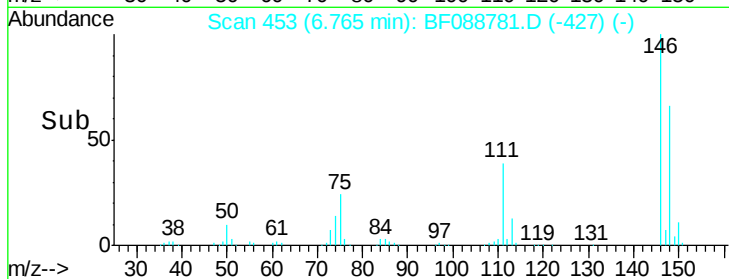
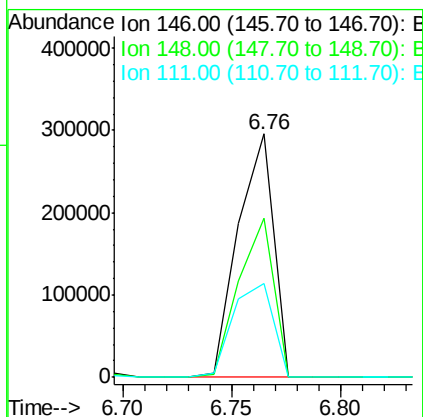
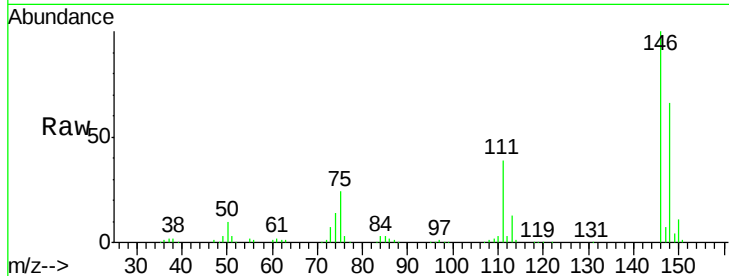
#13
 1,4-Dichlorobenzene
 Concen: 40.06 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	38.7	33.8	50.8

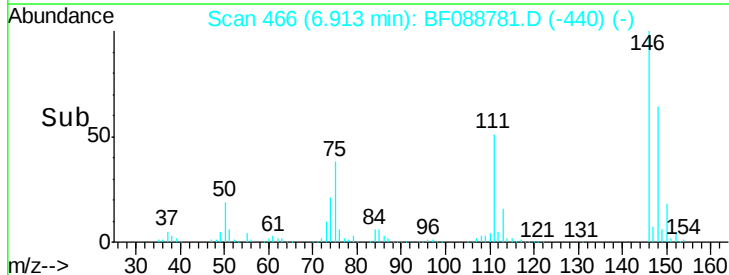
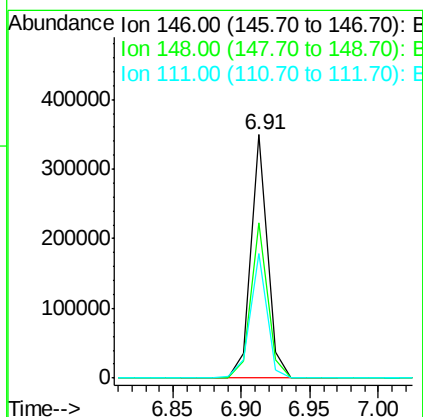
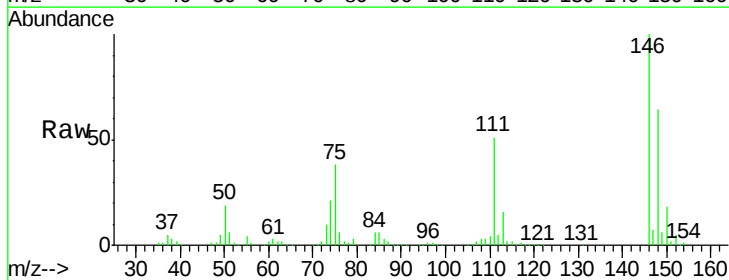
Manual Integrations

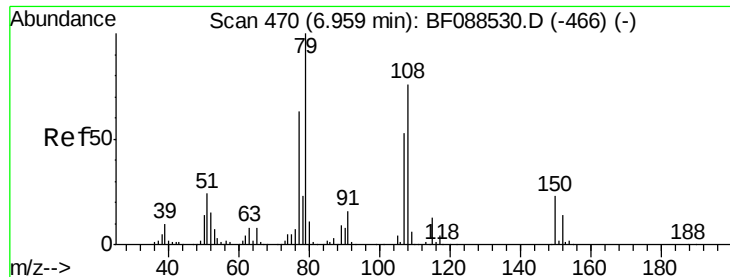
SOHIL
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#14
 1,2-Dichlorobenzene
 Concen: 37.04 ng m
 RT: 6.91 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	51.4	28.7	43.1#





#15

Benzyl Alcohol

Concen: 36.42 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

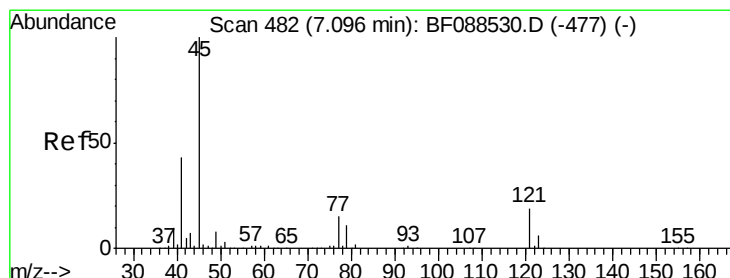
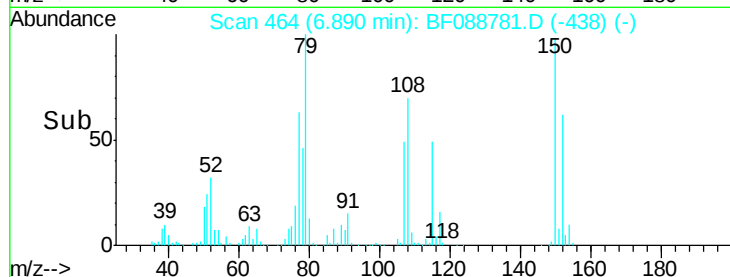
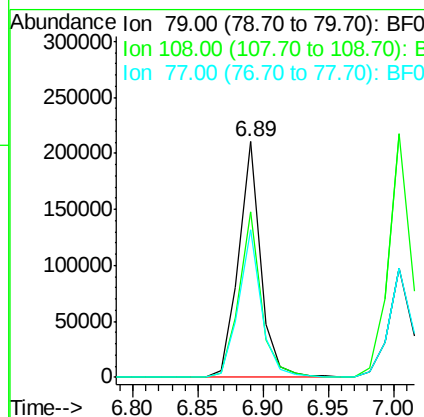
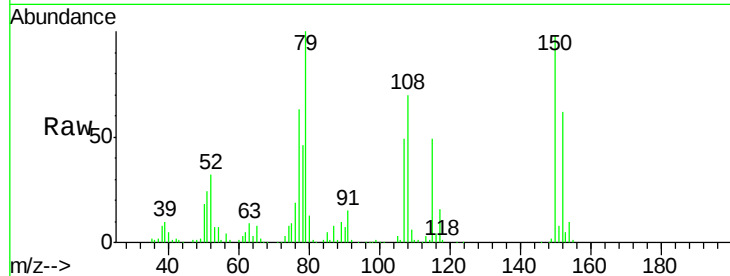
SSTDCCC040

Tgt Ion:	79	Resp:	247511
Ion Ratio	Lower	Upper	
79	100		
108	70.0	65.0	97.6
77	62.5	50.3	75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.71 ng

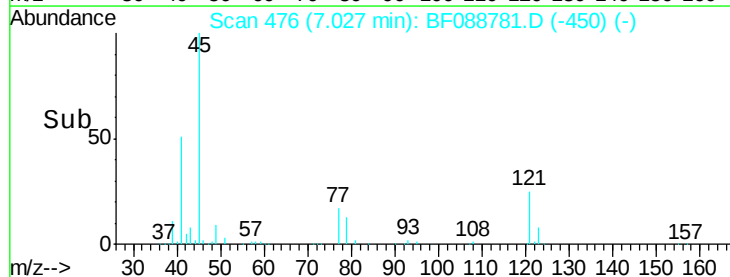
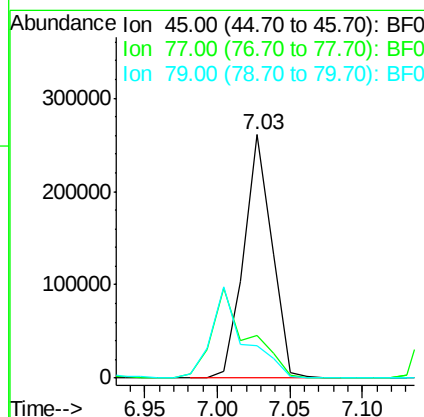
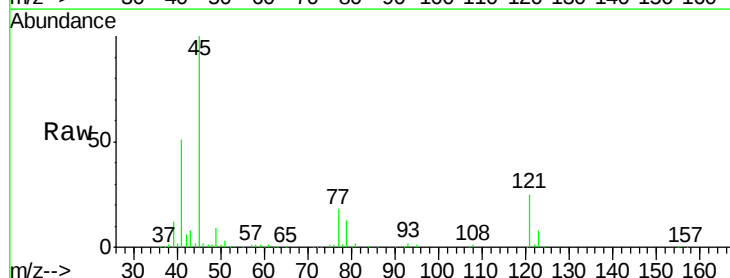
RT: 7.03 min Scan# 476

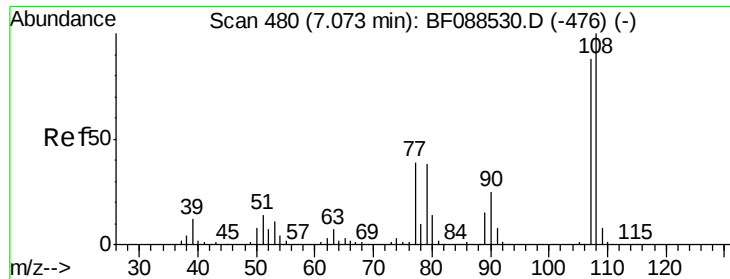
Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:	45	Resp:	349473
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	32.5
79	13.2	0.0	29.5





#17

2-Methylphenol

Concen: 36.81 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF088781.D

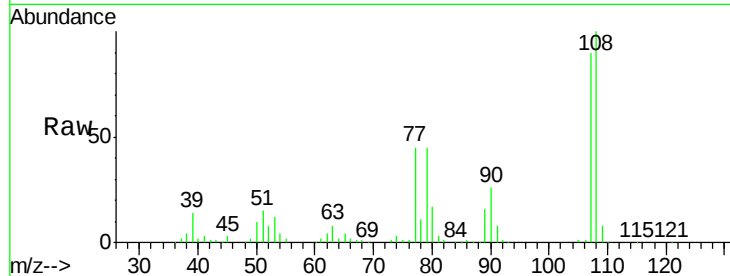
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 230621

Ion Ratio Lower Upper

107 100

108 111.3 90.9 136.3

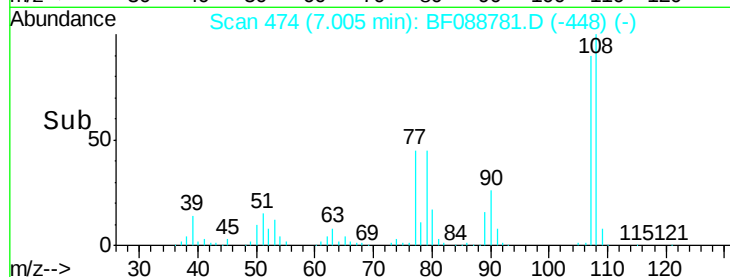
77 49.7 36.6 55.0

79 50.0 36.5 54.7

Manual Integrations

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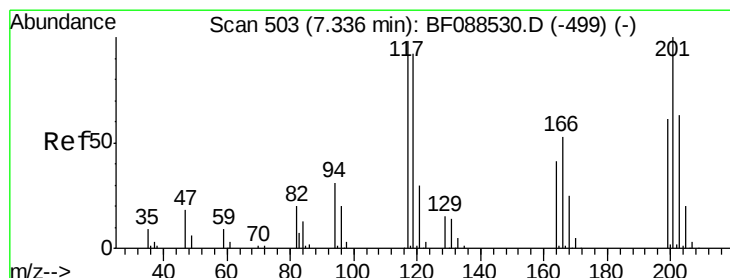
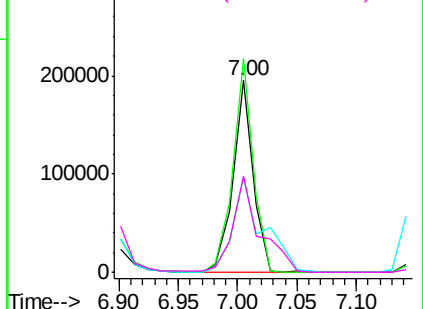


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.74 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

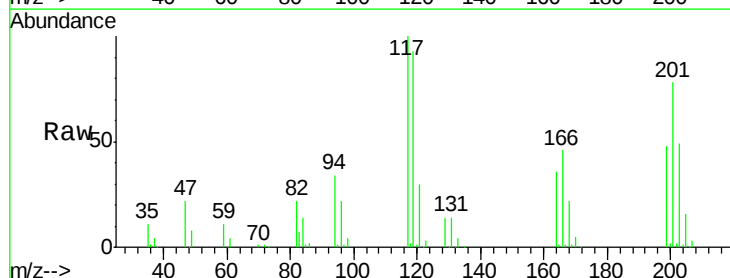
Tgt Ion:117 Resp: 128942

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.2

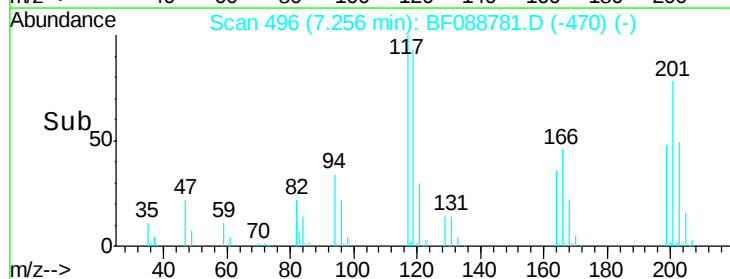
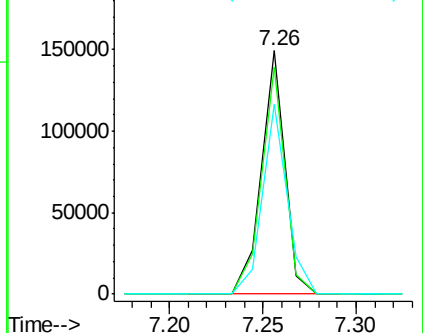
201 77.7 80.4 120.6#

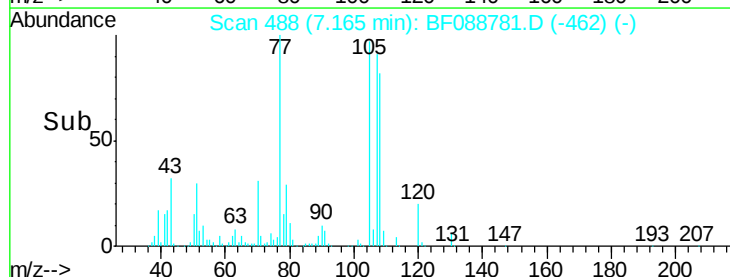
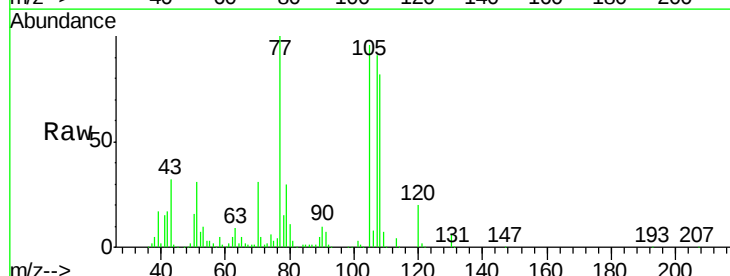
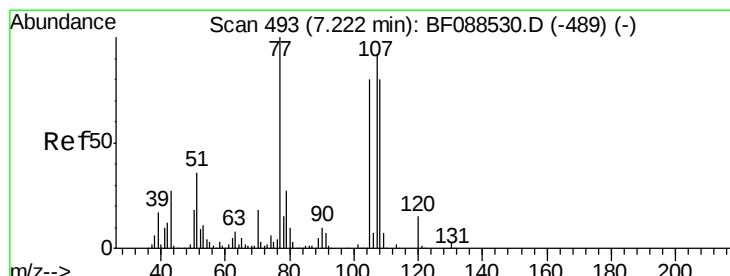
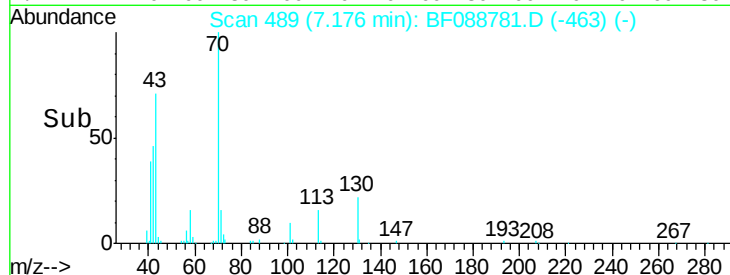
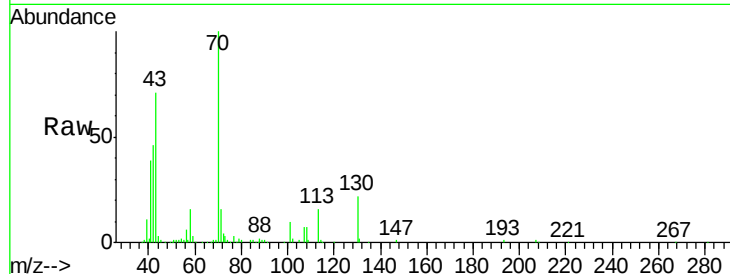
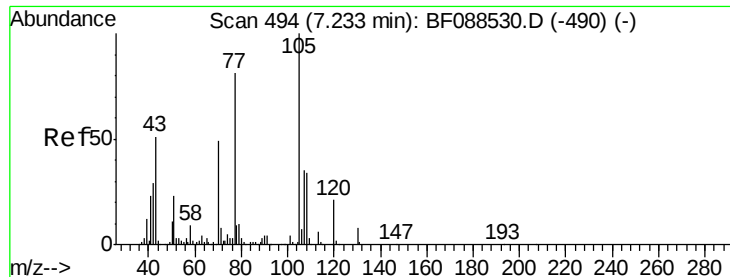


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

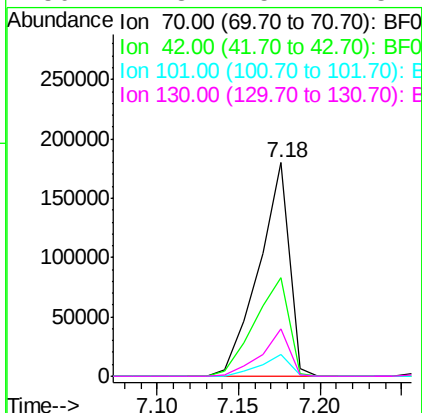
Ion 201.00 (200.70 to 201.70): E





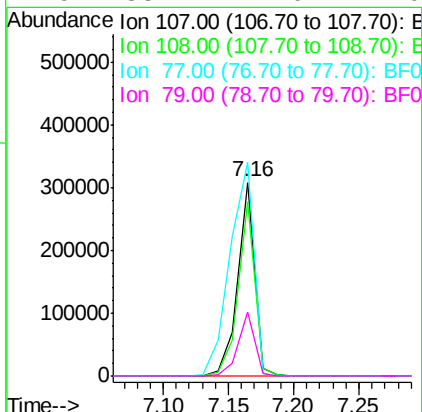
#19
n-Nitroso-di-n-propylamine
Concen: 37.86 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.6	74.4#
101	10.0	7.1	10.7
130	22.3	15.4	23.2



#20
3+4-Methylphenols
Concen: 36.45 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.8	107.8
77	110.5	59.3	99.3#
79	33.1	7.0	47.0

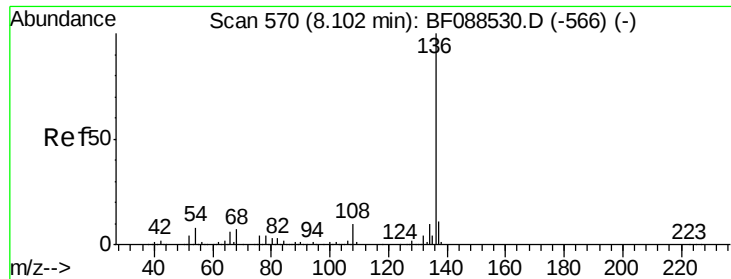


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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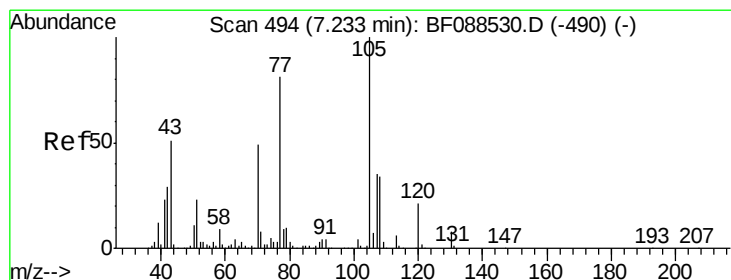
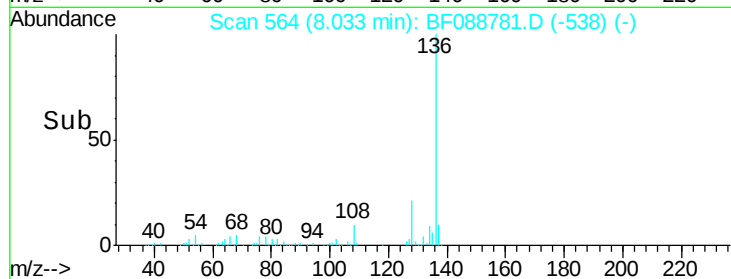
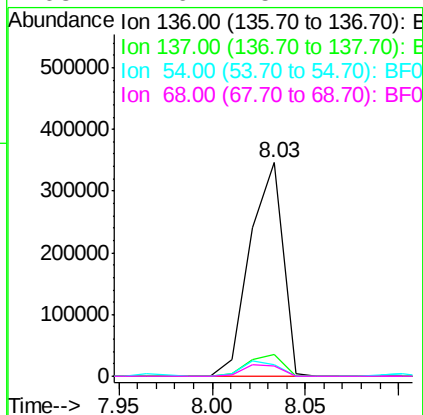
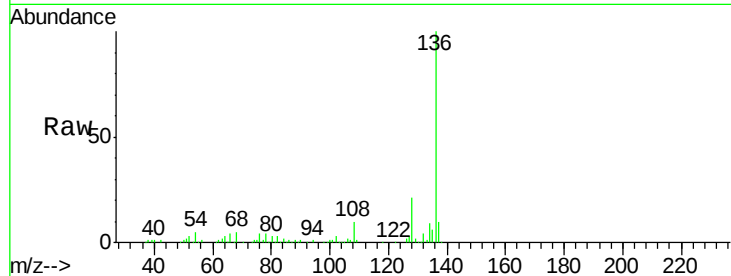
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	423916		
137	10.5	9.1	13.7	
54	5.5	6.6	10.0	
68	4.6	5.1	7.7	

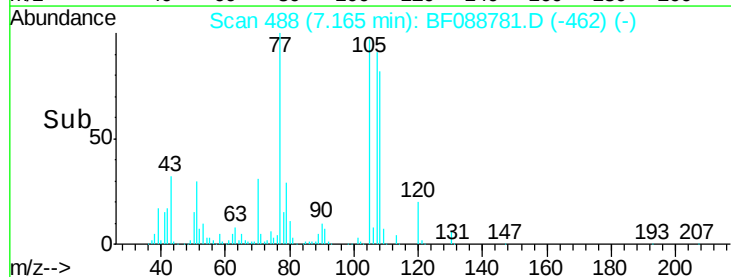
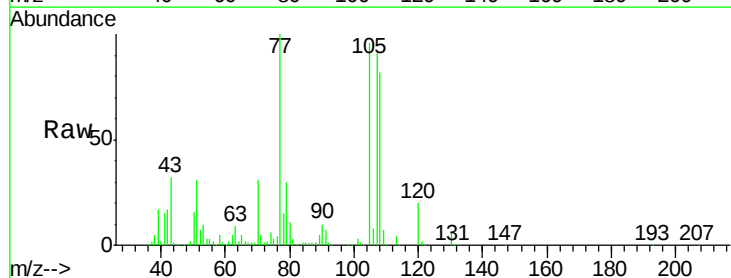
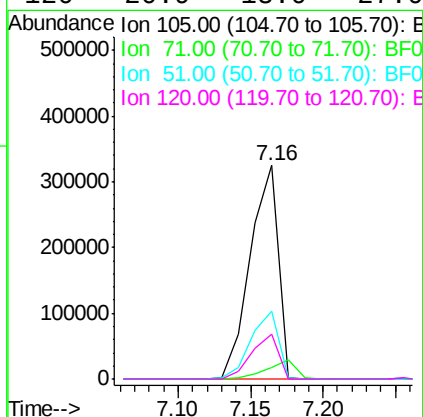
Manual Integrations

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#22
Acetophenone
Concen: 42.46 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	436851		
71	5.4	5.3	7.9	
51	32.0	18.2	27.4	
120	20.9	18.0	27.0	





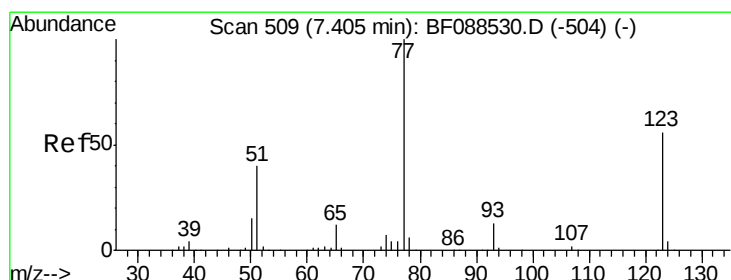
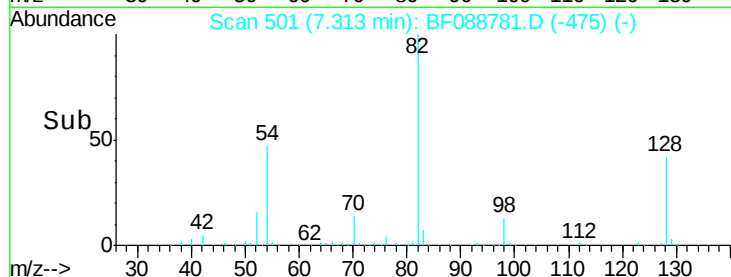
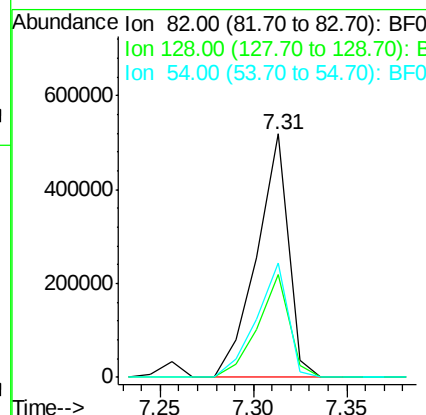
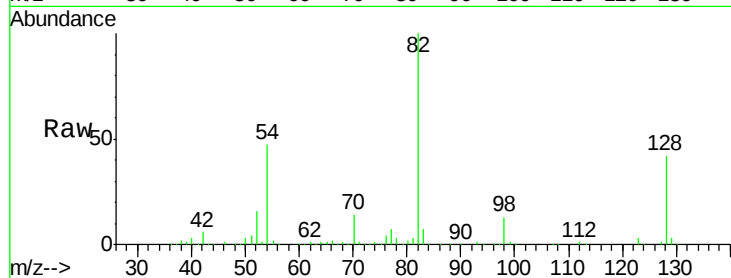
#23
 Nitrobenzene-d5
 Concen: 75.50 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.9	53.9
54	46.8	40.9	61.3

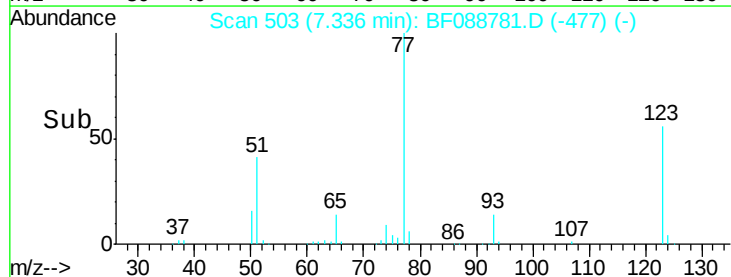
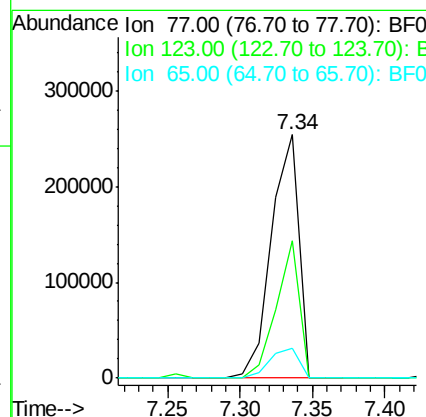
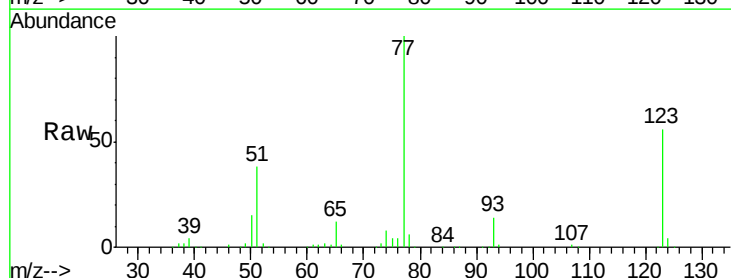
Manual Integrations

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#24
 Nitrobenzene
 Concen: 40.74 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.2	45.0	67.4
65	12.2	10.2	15.2





#25

Isophorone

Concen: 38.89 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

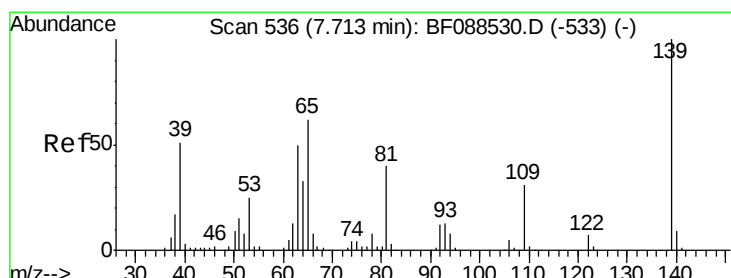
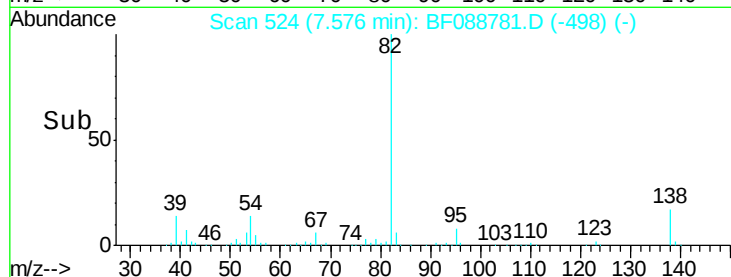
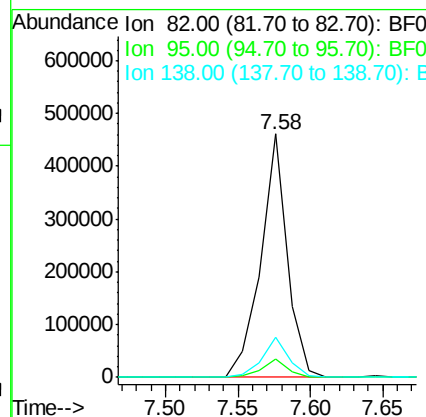
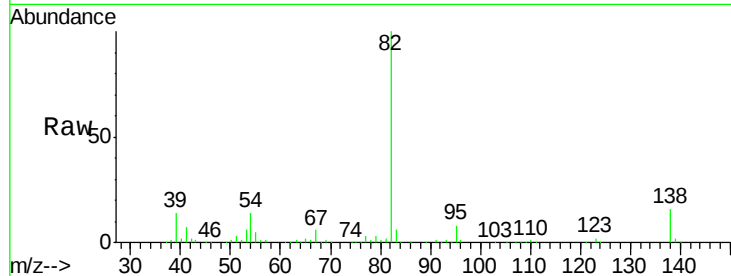
SSTDCCC040

Tgt Ion:	82	Resp:	582797
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.4	8.2
138	16.5	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.94 ng

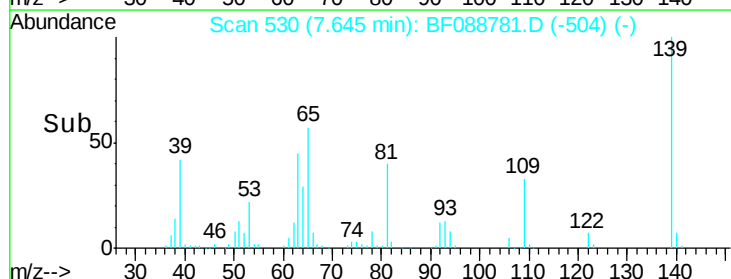
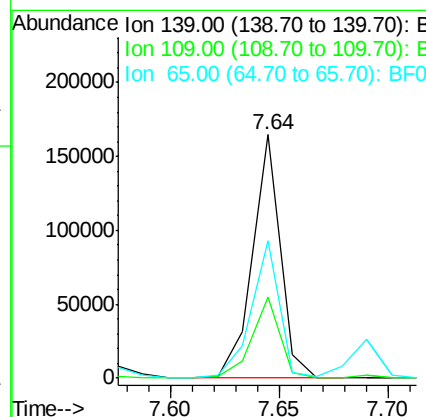
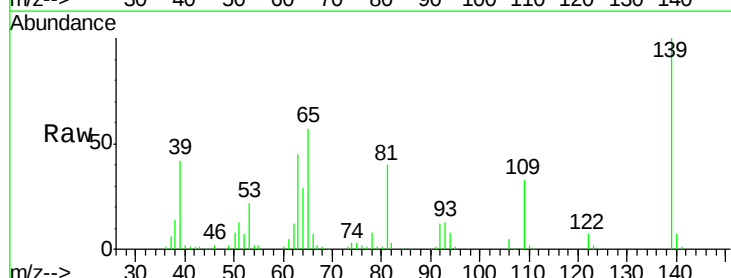
RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:	139	Resp:	146954
Ion Ratio		Lower	Upper
139	100		
109	33.4	23.0	34.4
65	56.5	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 36.85 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF088781.D

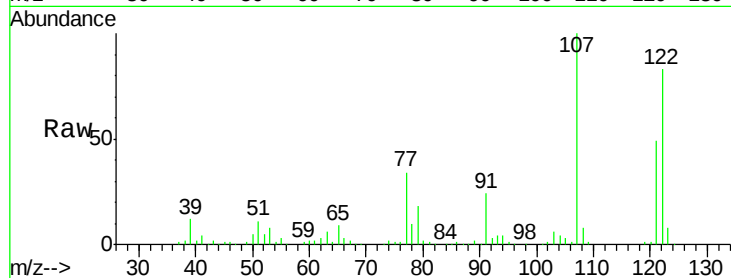
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 122 Resp: 256698

Ion Ratio Lower Upper

122 100

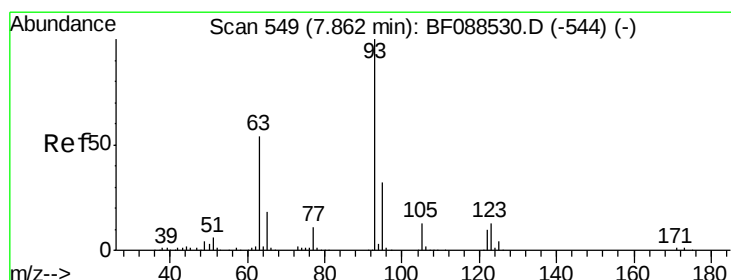
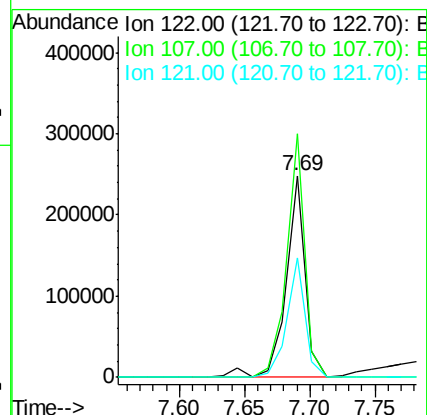
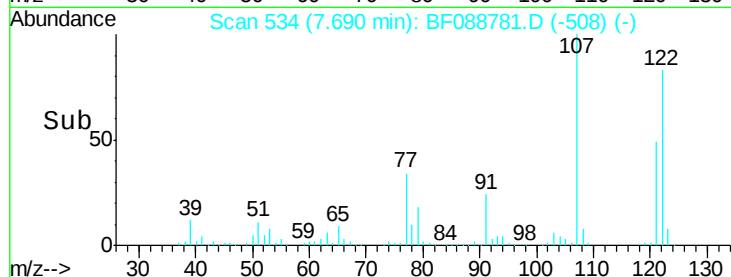
107 120.9 82.4 123.6

121 59.4 46.3 69.5

Manual Integrations

SOHIL

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#28

bis(2-Chloroethoxy)methane

Concen: 38.42 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

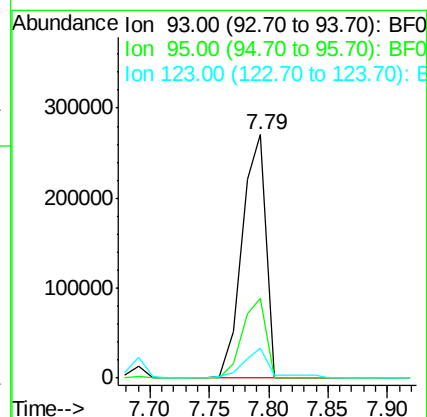
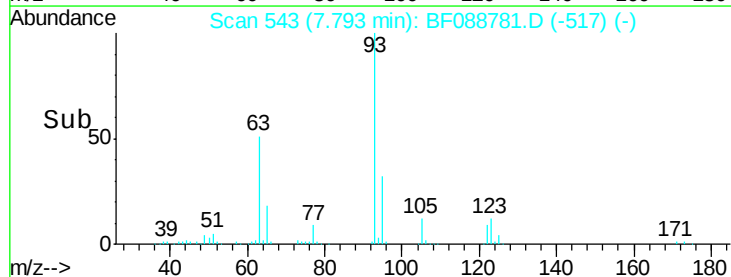
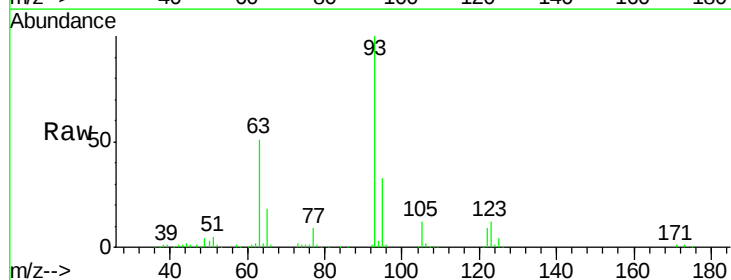
Tgt Ion: 93 Resp: 374683

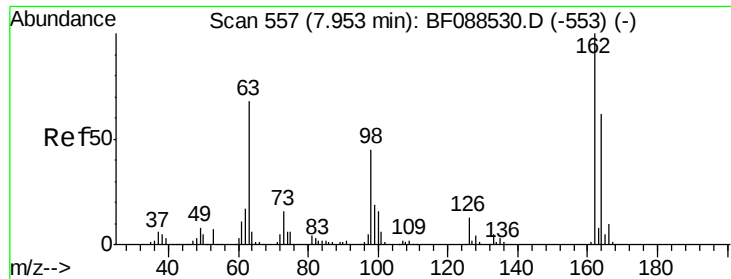
Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 12.5 11.6 17.4





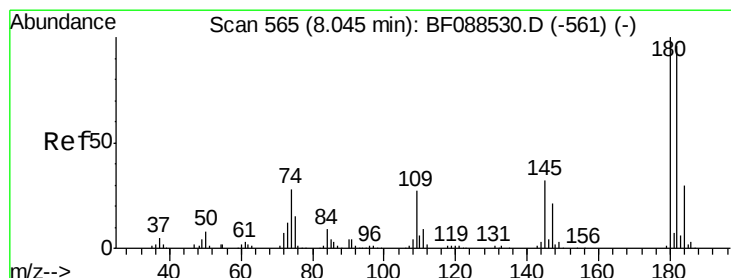
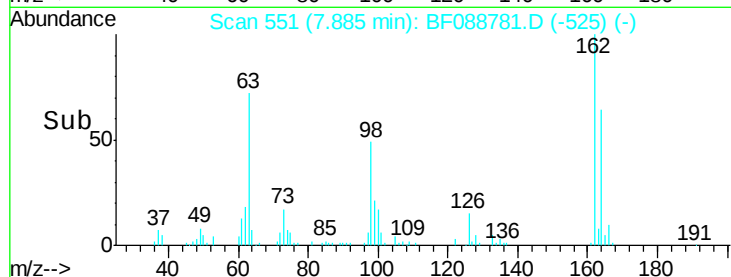
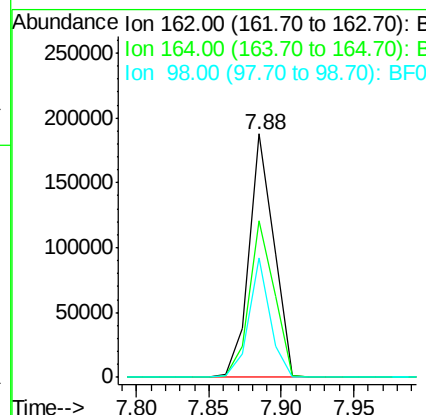
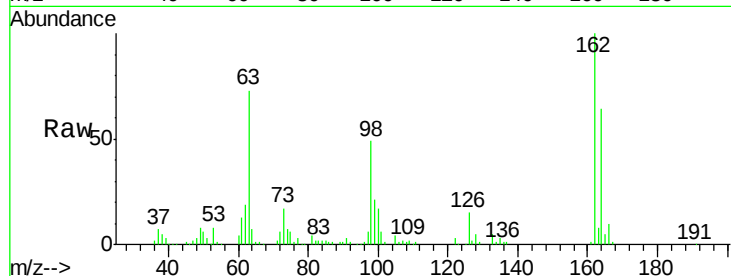
#29
2,4-Dichlorophenol
Concen: 39.49 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	222335		
164	64.1	43.8	83.8	
98	49.2	21.3	61.3	

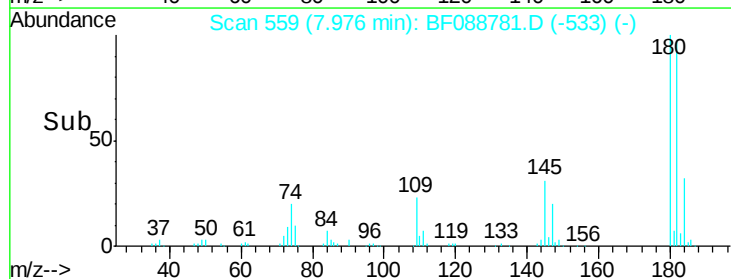
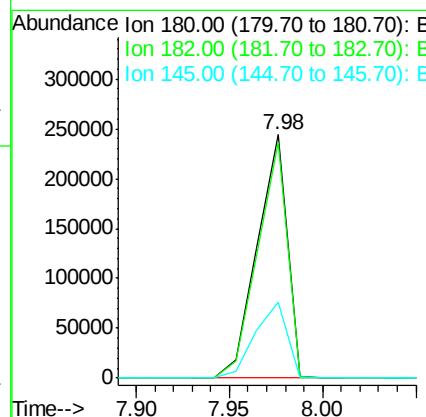
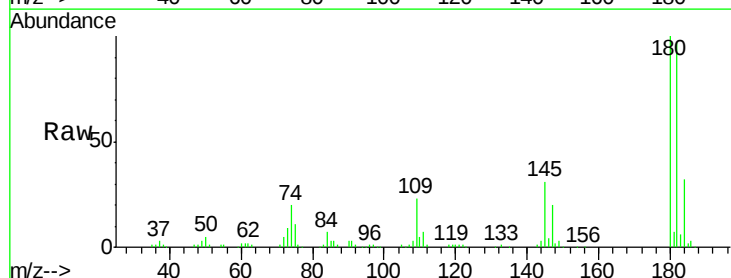
Manual Integrations

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#30
1,2,4-Trichlorobenzene
Concen: 43.84 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270820		
182	96.7	76.0	114.0	
145	31.0	26.5	39.7	





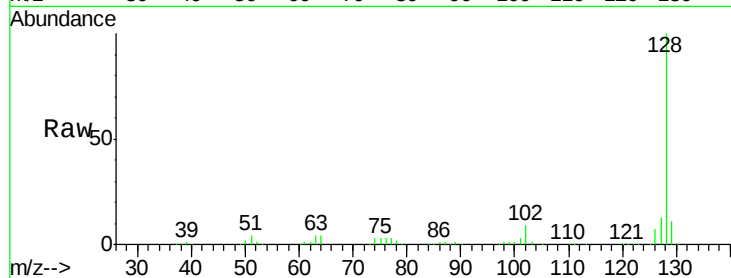
#31
Naphthalene
Concen: 41.76 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

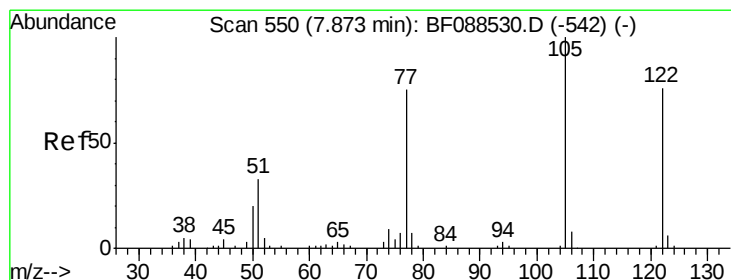
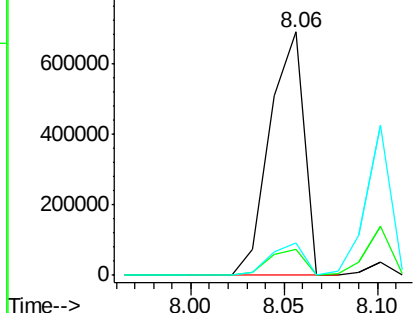
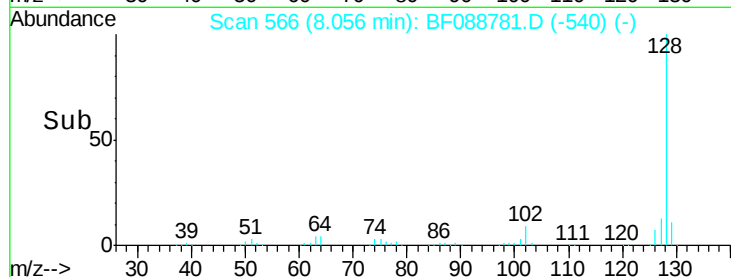
Tgt Ion:128 Resp: 872713
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.5 10.9 16.3

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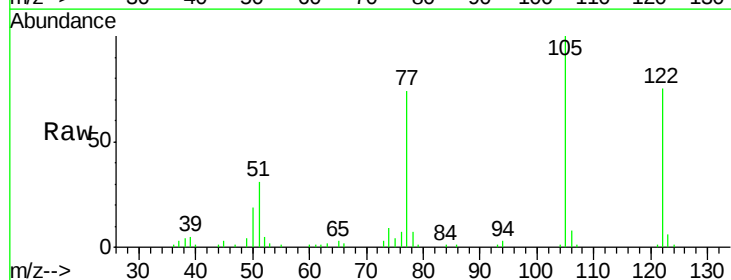


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

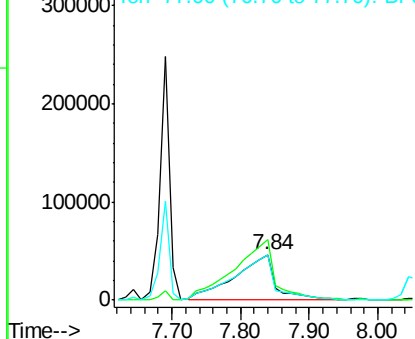
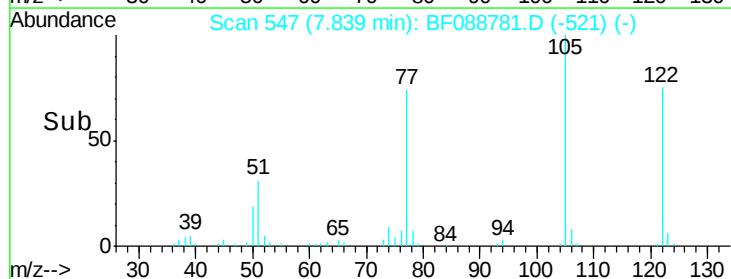


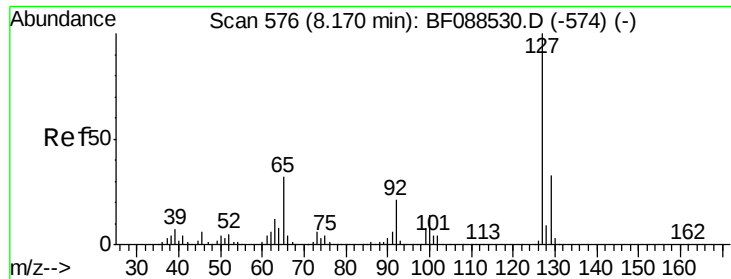
#32
Benzoic acid
Concen: 36.96 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:122 Resp: 186904
Ion Ratio Lower Upper
122 100
105 133.5 101.6 141.6
77 99.4 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





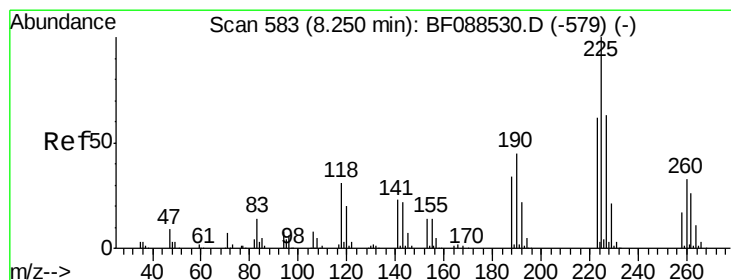
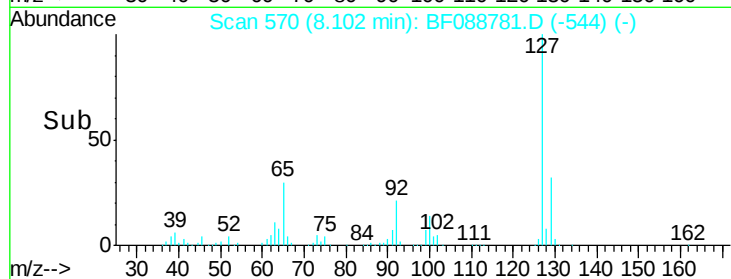
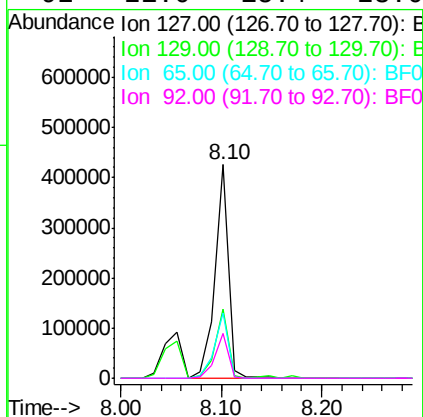
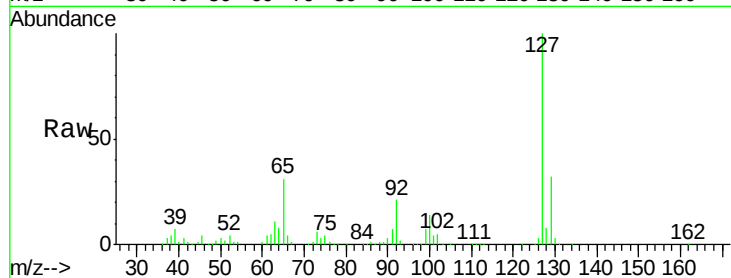
#33
4-Chloroaniline
Concen: 42.49 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	30.5	24.7	37.1
92	21.0	15.4	23.0

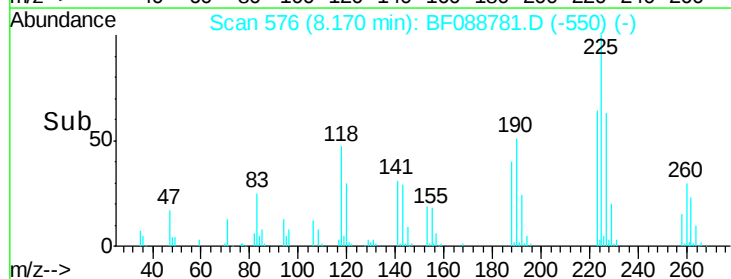
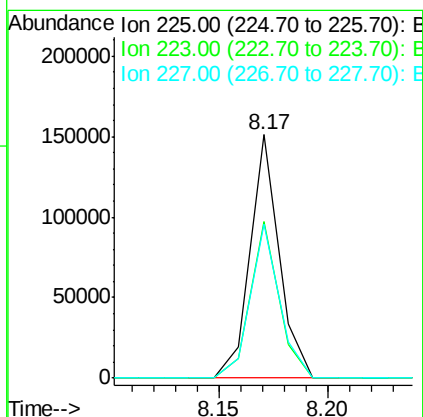
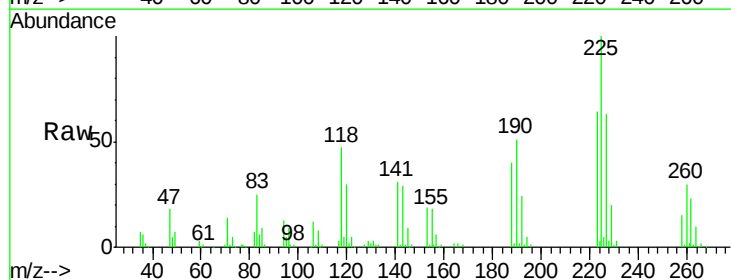
Manual Integrations

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#34
Hexachlorobutadiene
Concen: 42.47 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	63.4	51.9	77.9





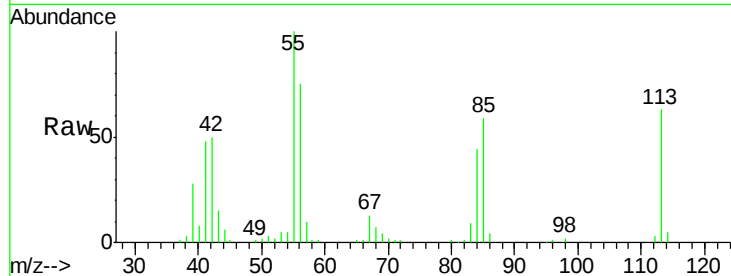
#35
 Caprolactam
 Concen: 39.01 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

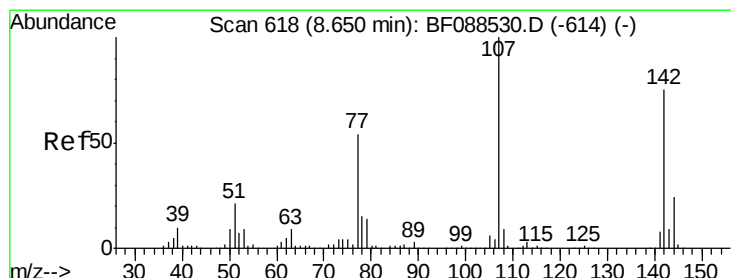
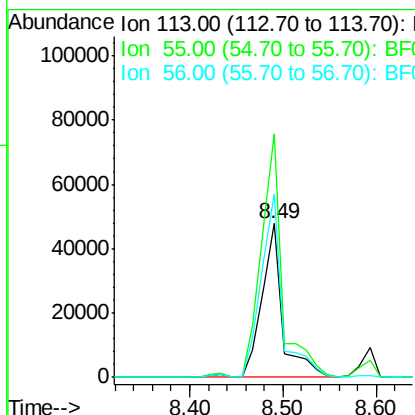
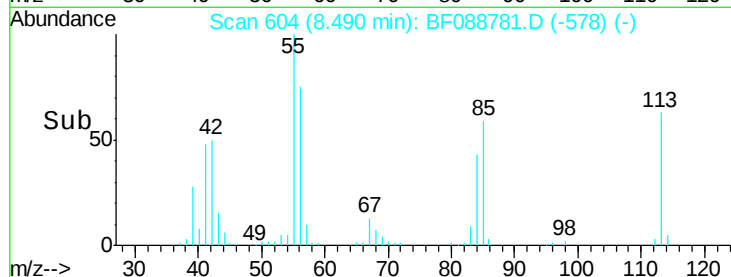
Tgt Ion:113 Resp: 74597
 Ion Ratio Lower Upper
 113 100
 55 158.5 158.6 198.6#
 56 119.3 110.6 150.6

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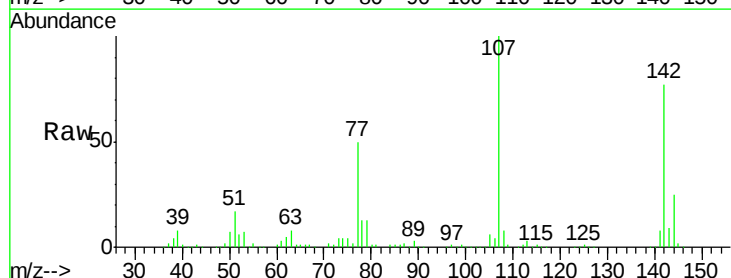


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

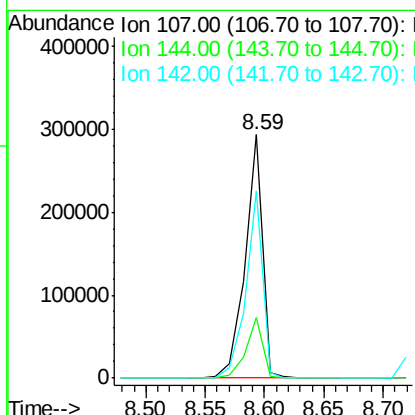
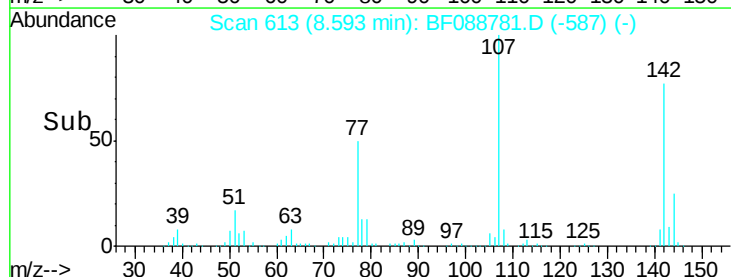


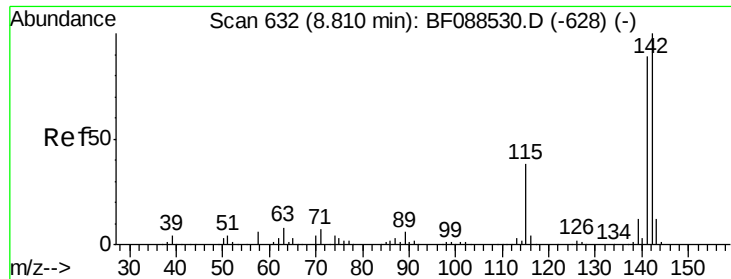
#36
 4-Chloro-3-methylphenol
 Concen: 45.12 ng
 RT: 8.59 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:107 Resp: 300355
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 76.8 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





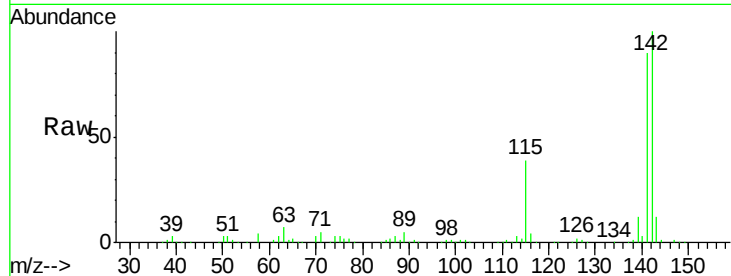
#37
2-Methylnaphthalene
Concen: 40.97 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

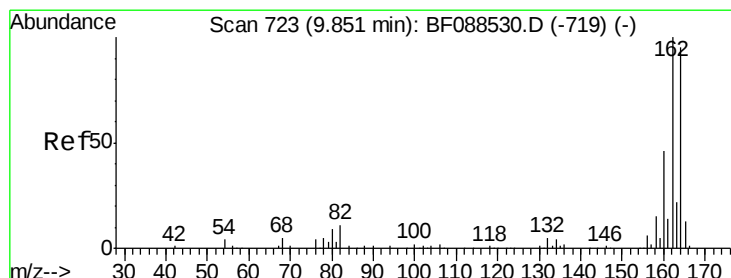
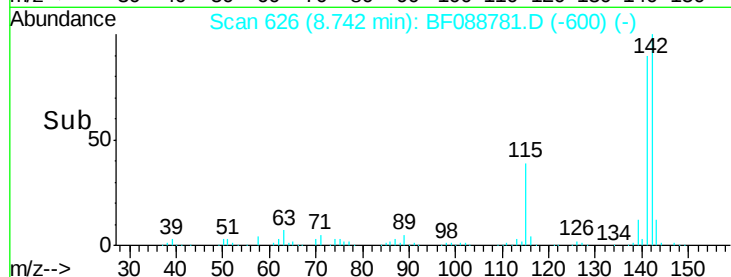
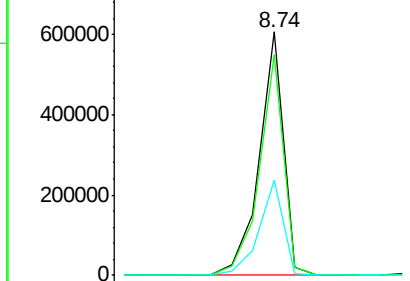
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	39.1	22.6	33.8

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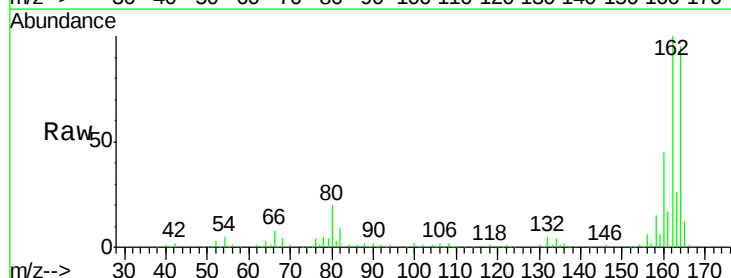


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

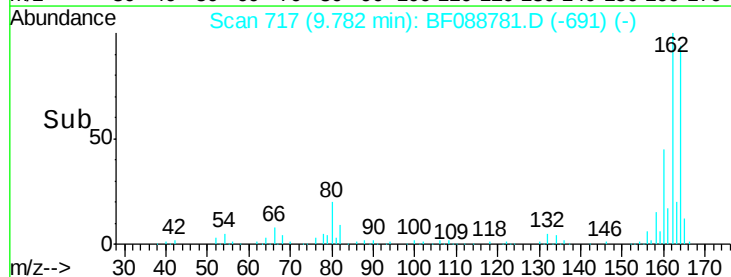
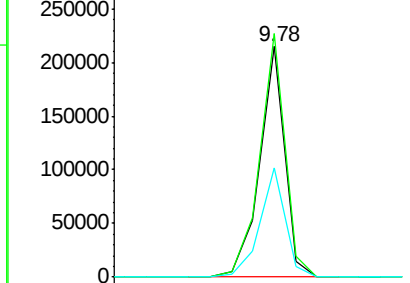


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.4	128.2
160	47.4	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





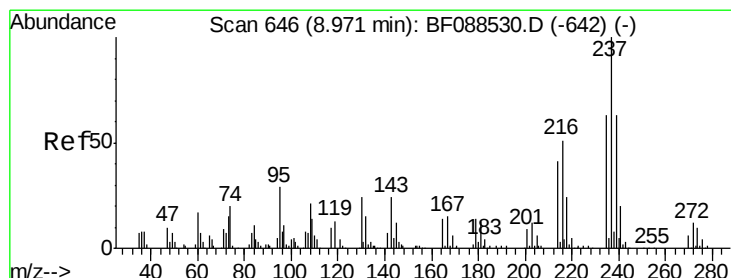
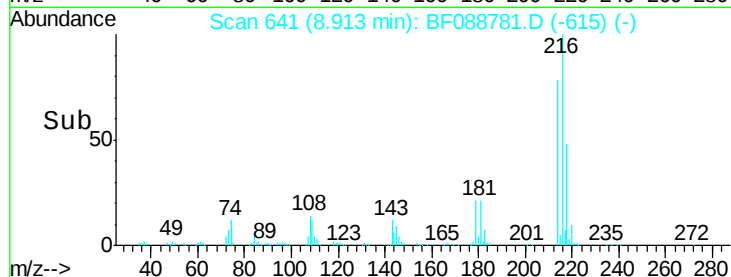
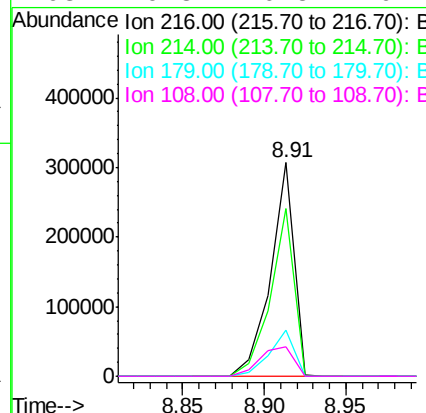
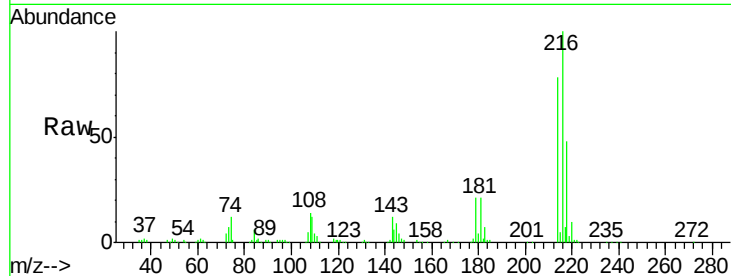
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.99 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:216 Resp: 307497
 Ion Ratio Lower Upper
 216 100
 214 79.1 2.9 4.3#
 179 22.7 0.0 0.0#
 108 19.8 0.5 0.7#

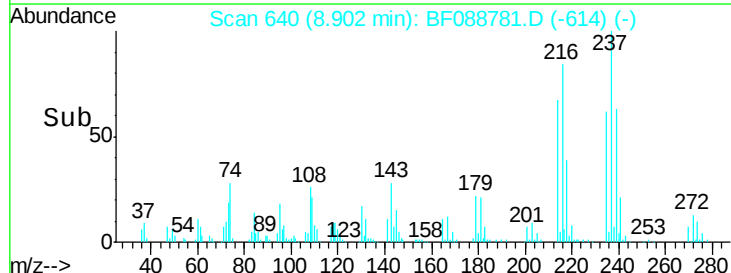
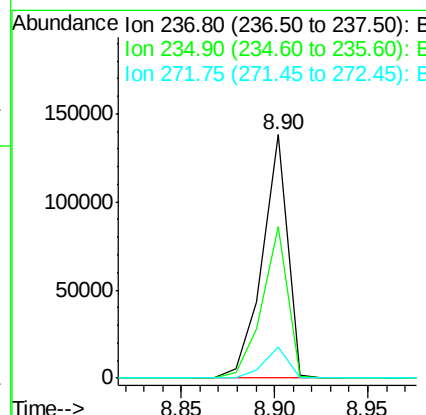
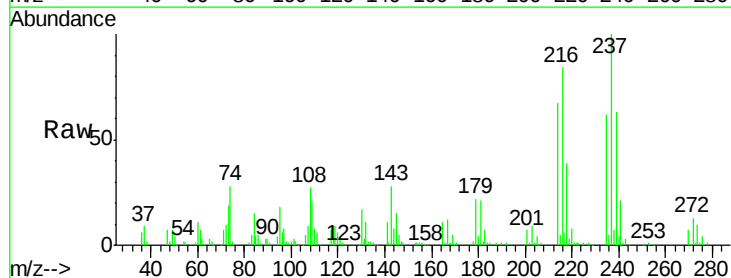
Manual Integrations

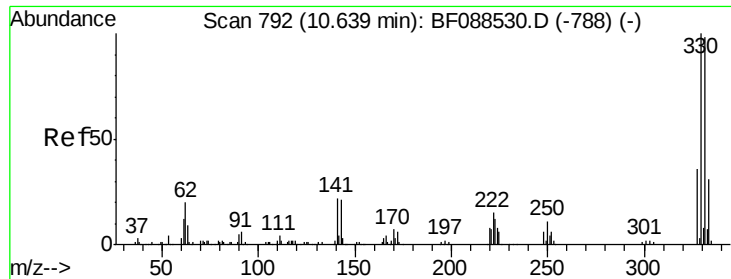
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#40
 Hexachlorocyclopentadiene
 Concen: 40.25 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:237 Resp: 129296
 Ion Ratio Lower Upper
 237 100
 235 62.2 43.4 83.4
 272 12.7 0.0 32.3





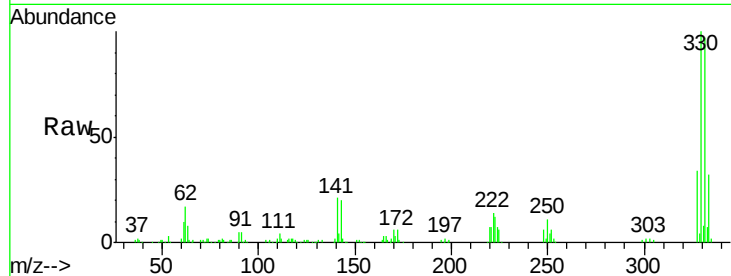
#41
 2,4,6-Tribromophenol
 Concen: 99.16 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

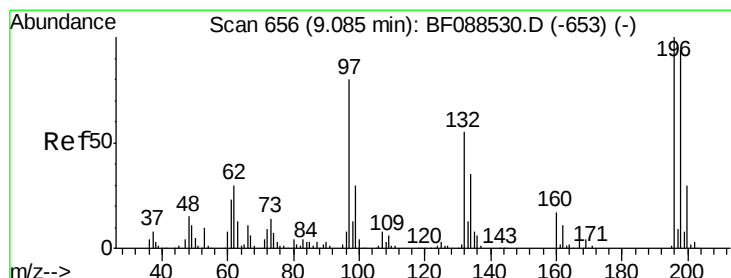
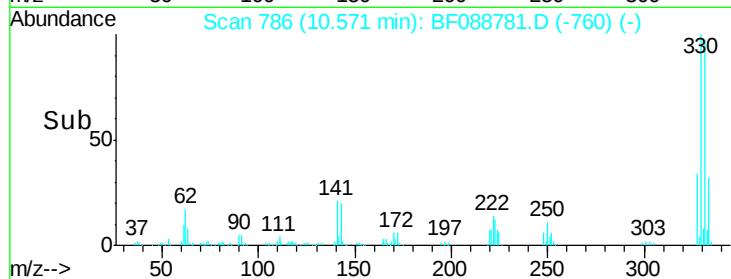
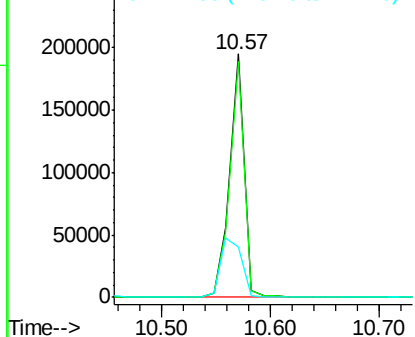
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	181172		
332	96.4	0.0	0.0	0.0
141	35.1	0.0	0.0	0.0

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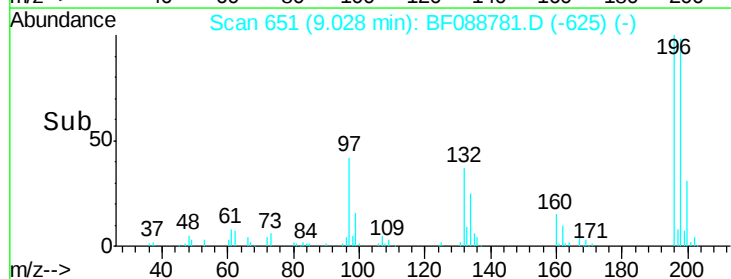
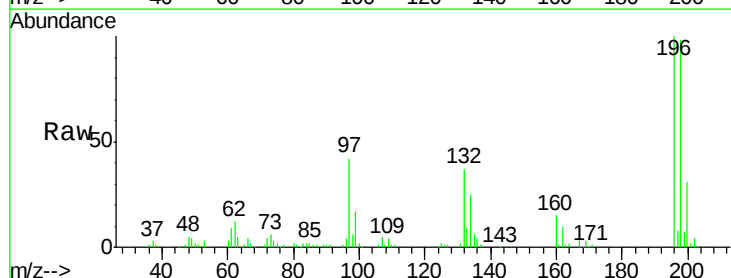
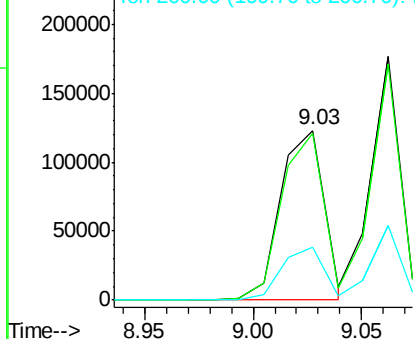
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.00 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172593		
198	98.4	78.0	117.0	
200	31.5	25.4	38.2	

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





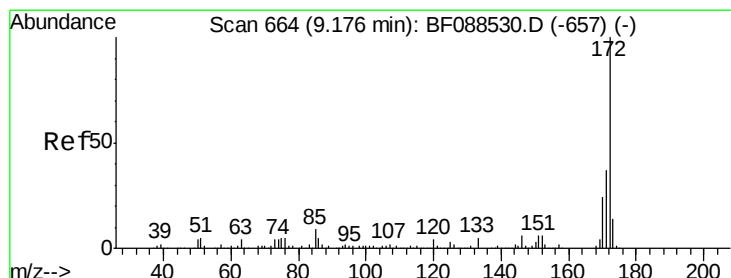
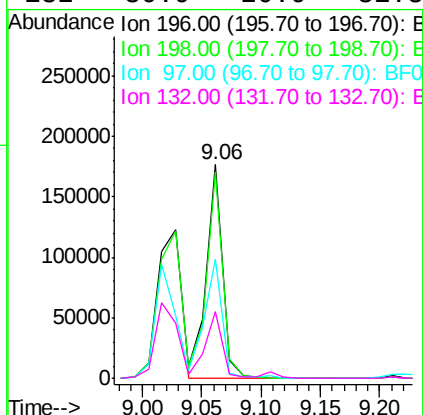
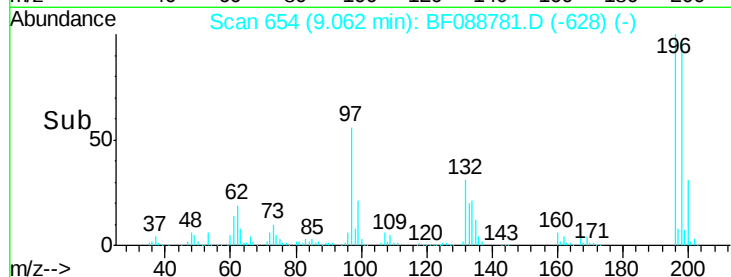
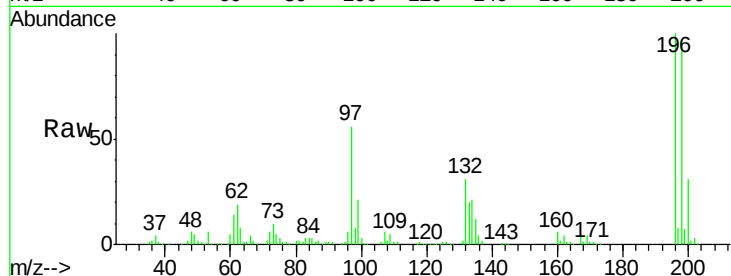
#43
 2,4,5-Trichlorophenol
 Concen: 45.21 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

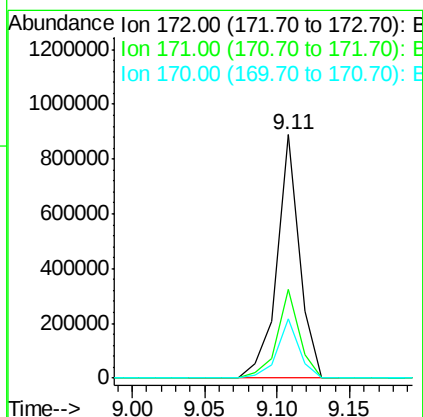
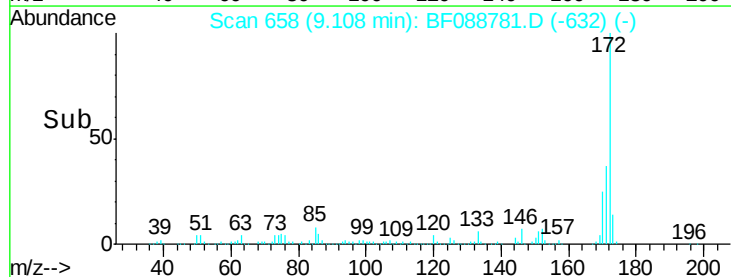
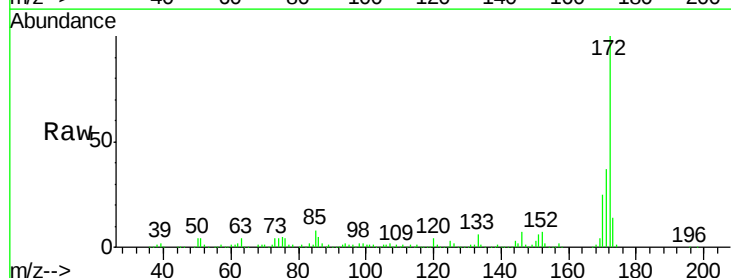
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Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167818		
198	96.7	77.5	116.3	
97	55.9	32.0	48.0	
132	30.9	20.9	31.3	



#44
 2-Fluorobiphenyl
 Concen: 76.94 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	958415		
171	36.7	28.6	43.0	
170	24.5	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 44.50 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

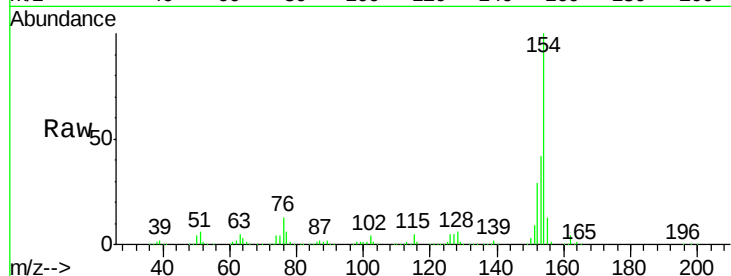
SSTDCCC040

Tgt Ion:	154	Resp:	725085
Ion Ratio	Lower	Upper	
154	100		
153	41.9	20.6	60.6
76	12.6	0.0	35.1

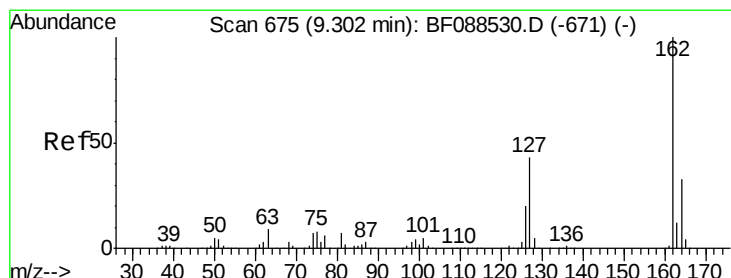
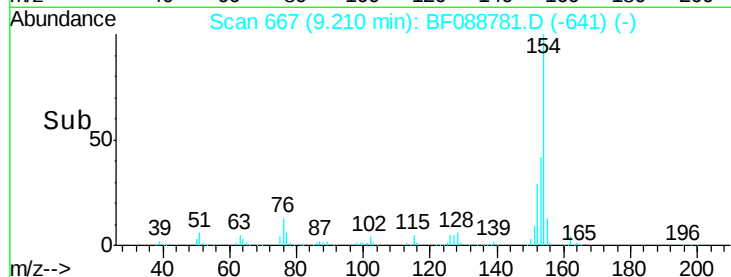
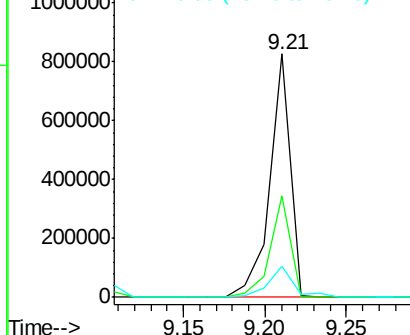
Manual Integrations

SOHIL

7/8/2016 7:03:53 AM



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



#46

2-Chloronaphthalene

Concen: 43.67 ng

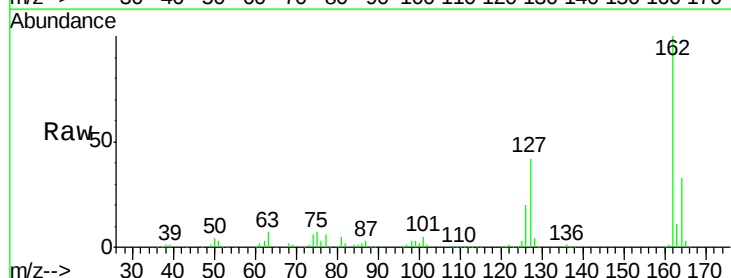
RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

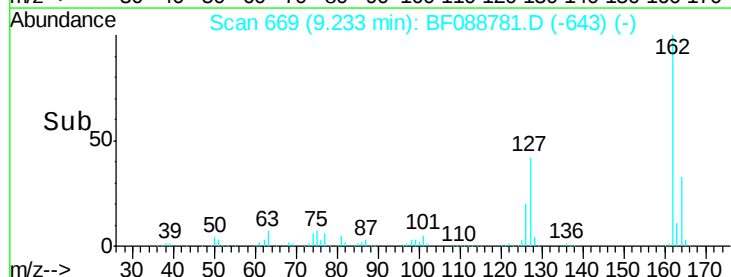
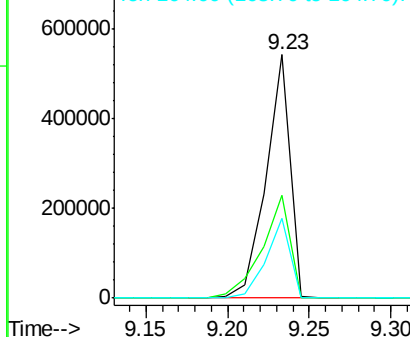
Lab File: BF088781.D

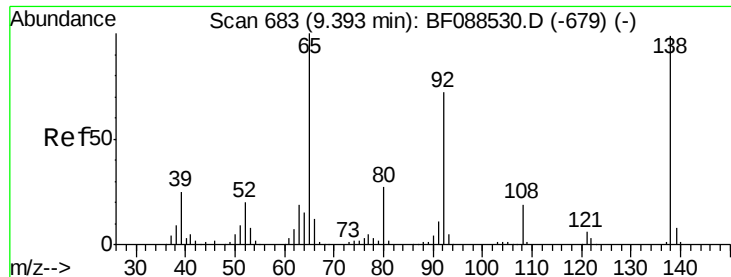
Acq: 7 Jul 2016 15:46

Tgt Ion:	162	Resp:	558570
Ion Ratio	Lower	Upper	
162	100		
127	42.3	35.2	52.8
164	32.9	26.6	39.8



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





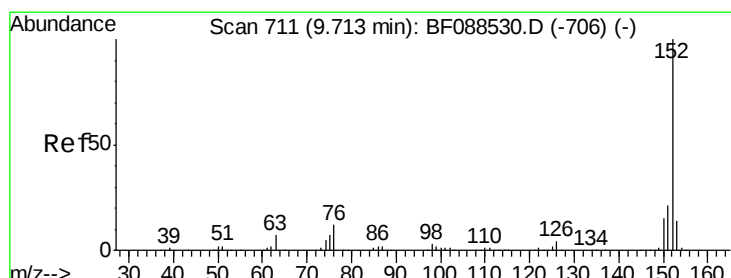
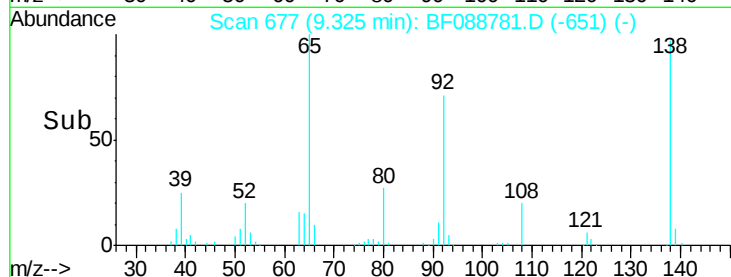
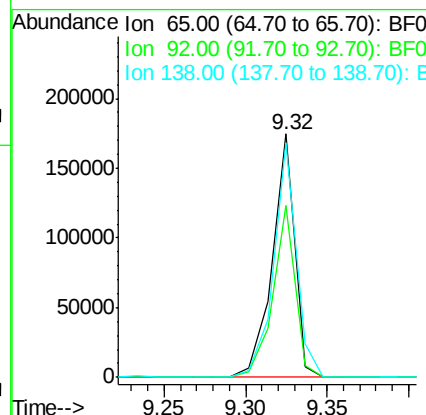
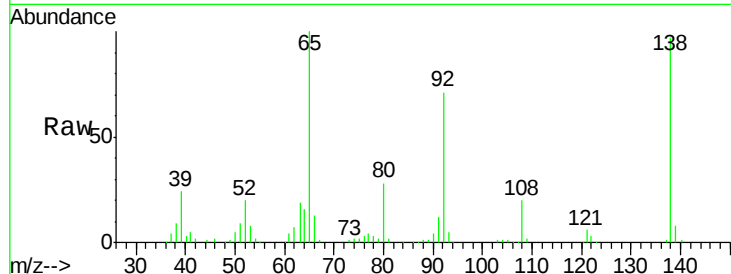
#47
 2-Nitroaniline
 Concen: 36.79 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 65 Resp: 166990
 Ion Ratio Lower Upper
 65 100
 92 70.7 54.6 82.0
 138 96.6 77.0 115.4

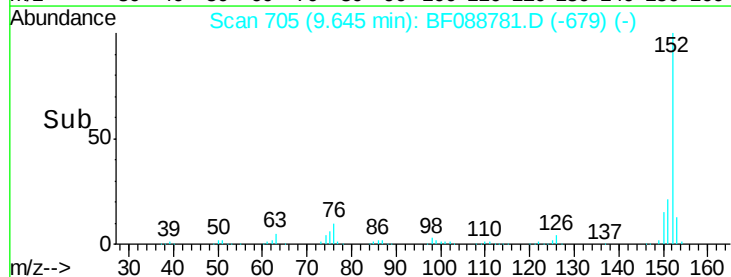
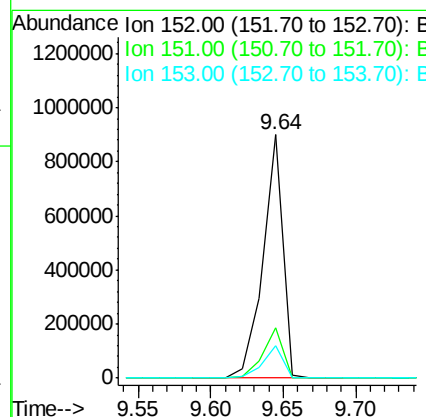
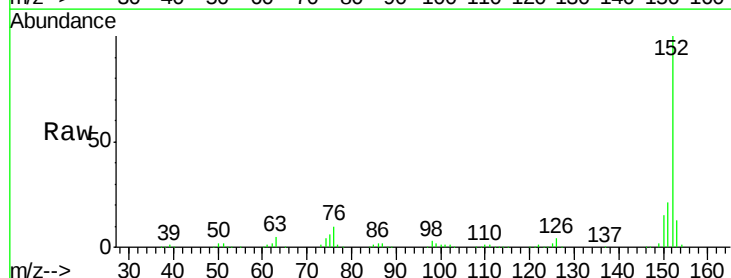
Manual Integrations

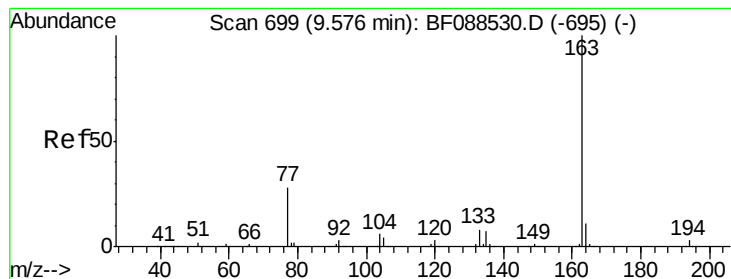
APPROVED
 SOHIL
 7/8/2016 7:03:53 AM



#48
 Acenaphthylene
 Concen: 42.04 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion: 152 Resp: 855517
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.2 24.4
 153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 43.61 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF088781.D

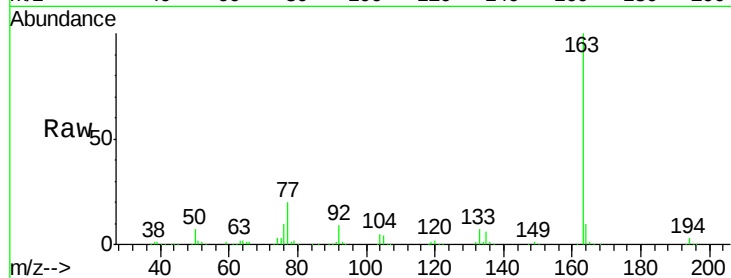
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:163 Resp: 611349

Ion Ratio Lower Upper

163 100

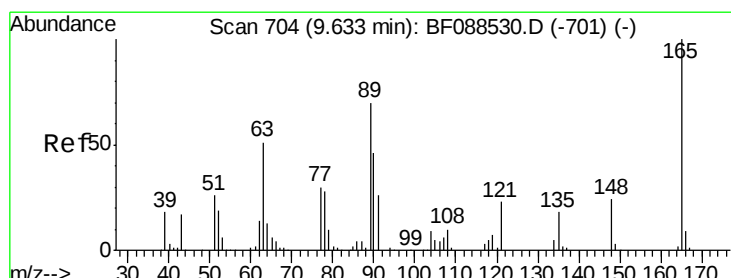
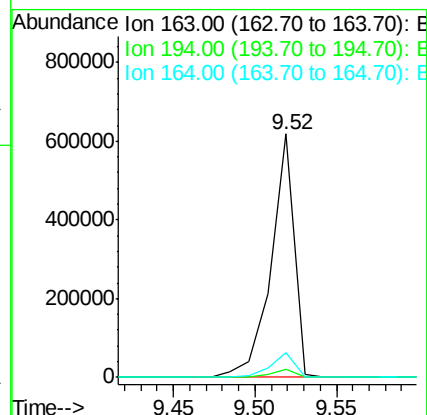
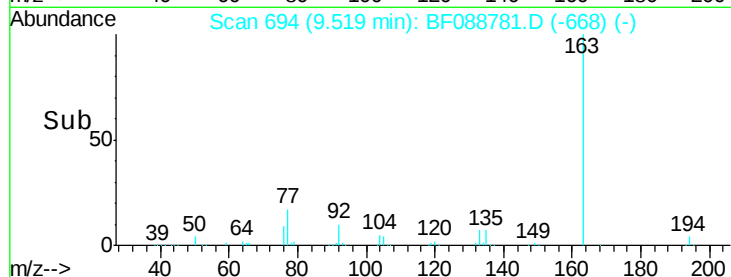
194 3.4 2.8 4.2

164 10.0 8.3 12.5

Manual Integrations

SOHIL

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#50

2,6-Dinitrotoluene

Concen: 47.51 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

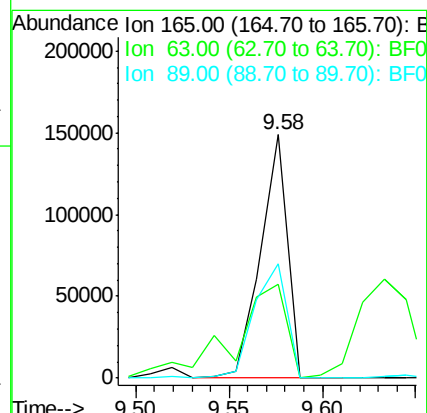
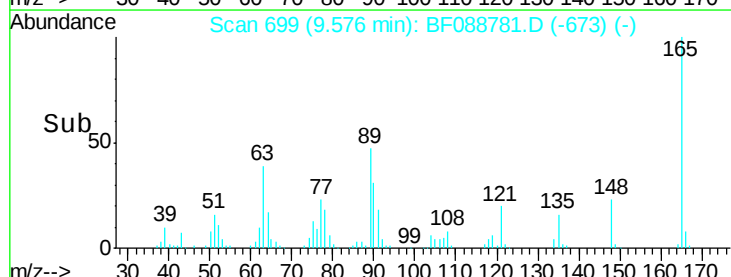
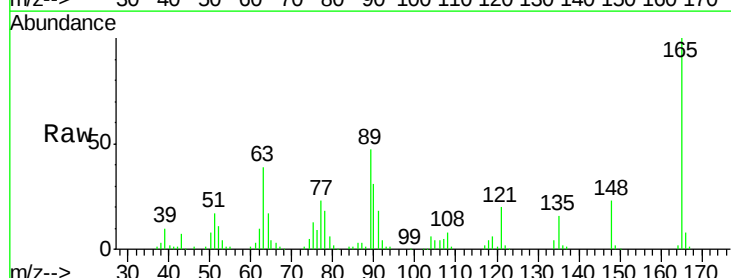
Tgt Ion:165 Resp: 147592

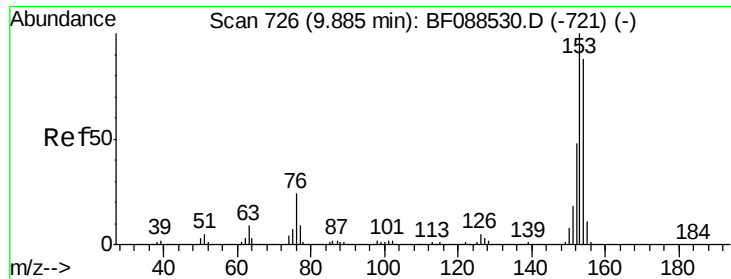
Ion Ratio Lower Upper

165 100

63 38.6 28.1 42.1

89 46.7 32.2 48.2





#51

Acenaphthene

Concen: 42.27 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

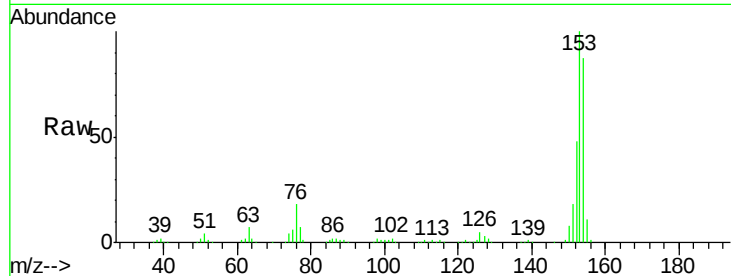
SSTDCCC040

Tgt Ion:	154	Resp:	527259
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.5	134.3
152	54.8	42.7	64.1

Manual Integrations

SOHIL

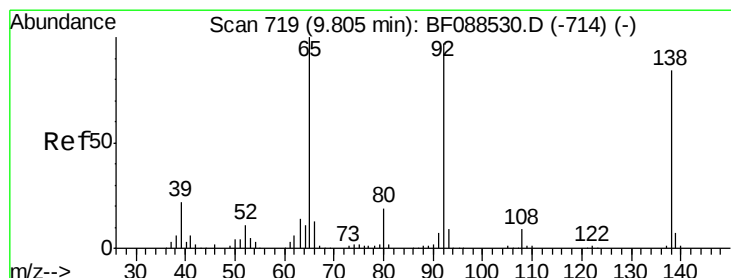
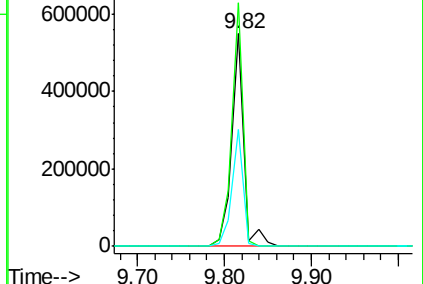
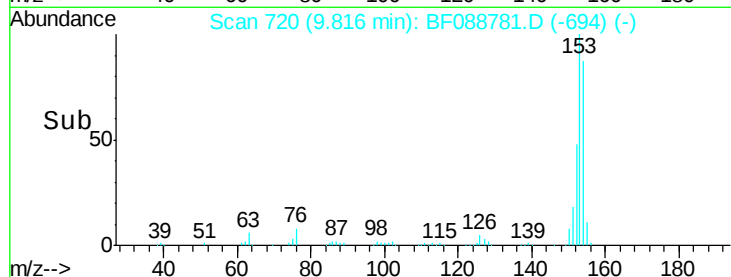
7/8/2016 7:03:53 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.56 ng

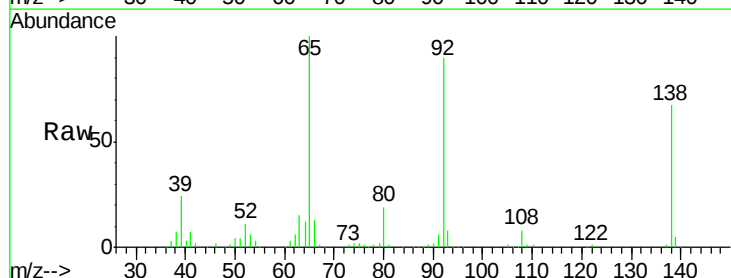
RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

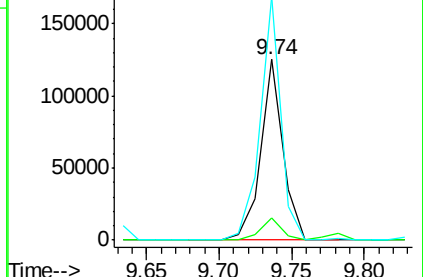
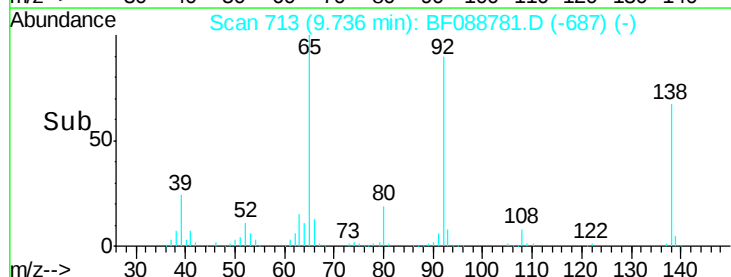
Tgt Ion:	138	Resp:	132544
Ion Ratio	Lower	Upper	
138	100		
108	12.2	8.5	12.7
92	135.1	95.7	143.5

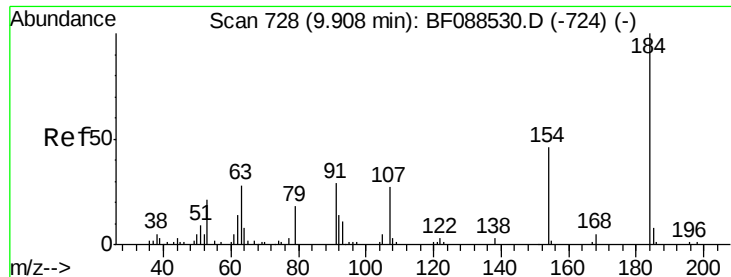


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





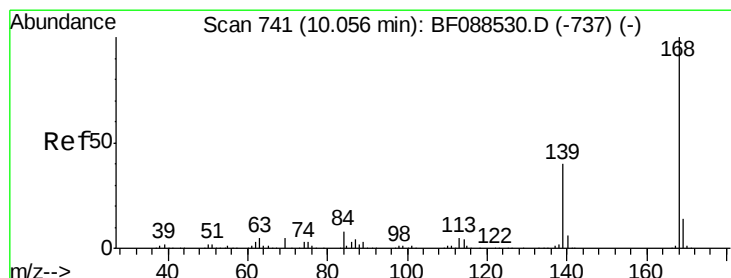
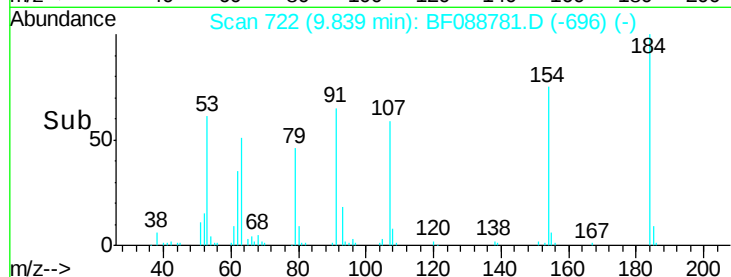
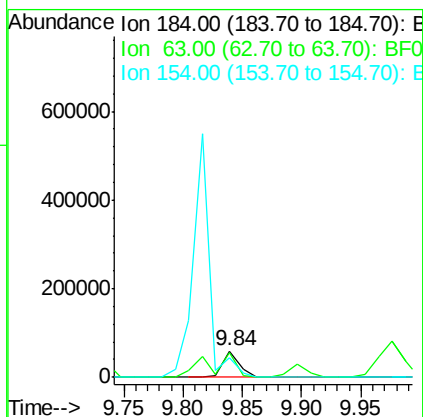
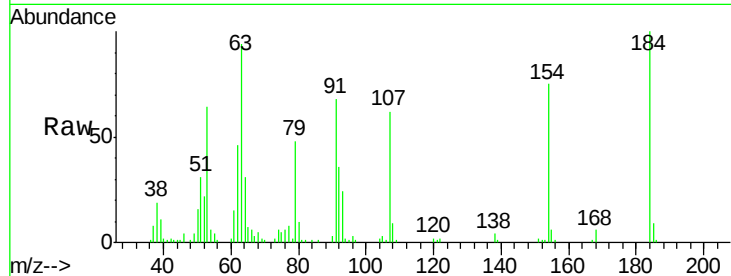
#53
2,4-Dinitrophenol
Concen: 42.84 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 58772
Ion Ratio Lower Upper
184 100
63 93.5 57.6 86.4#
154 74.7 53.5 80.3

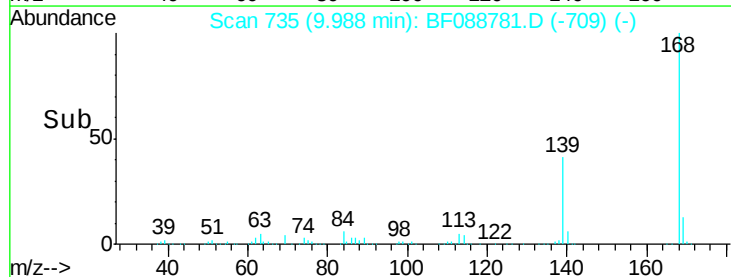
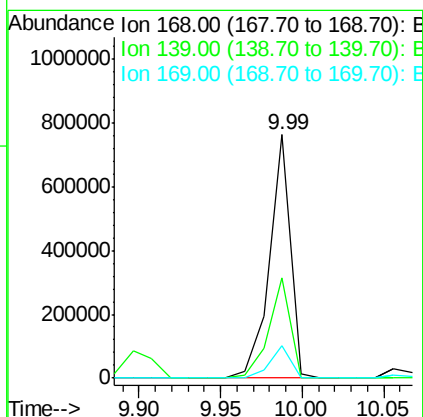
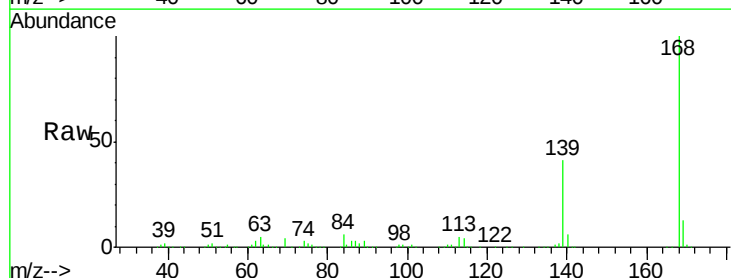
Manual Integrations

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7/8/2016 7:03:53 AM



#54
Dibenzofuran
Concen: 41.54 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:168 Resp: 678243
Ion Ratio Lower Upper
168 100
139 41.3 26.4 39.6#
169 13.5 10.4 15.6





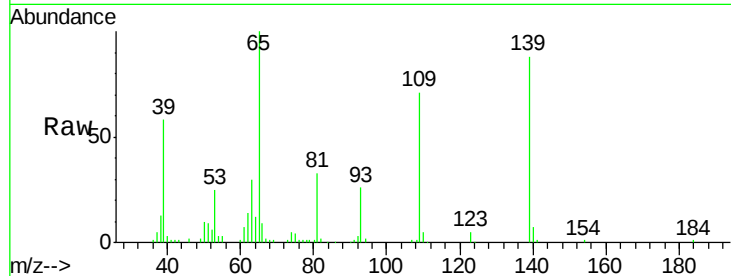
#55
4-Nitrophenol
Concen: 36.42 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.7	48.9	88.9
65	114.0	84.9	124.9

Manual Integrations

SOHIL
7/8/2016 7:03:53 AM

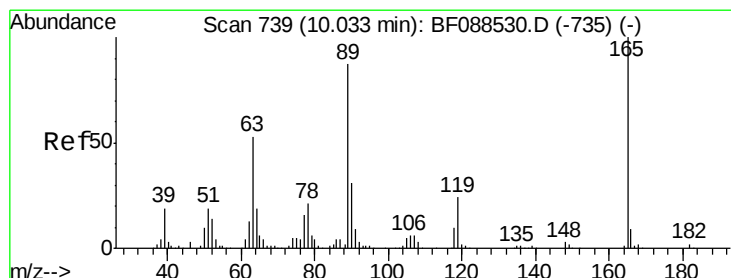
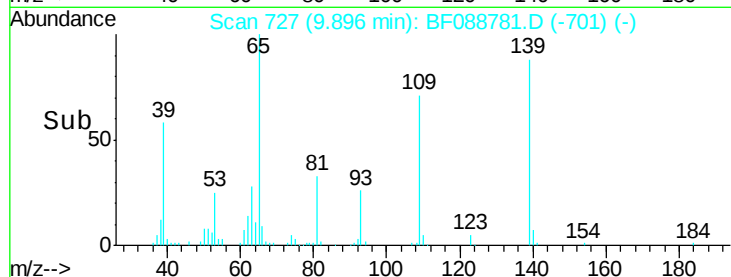
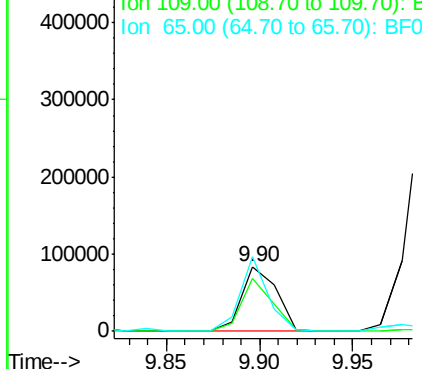


Abundance

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



#56
2,4-Dinitrotoluene
Concen: 46.60 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.3	22.0	33.0#
89	69.8	41.1	61.7#
182	2.6	2.0	3.0

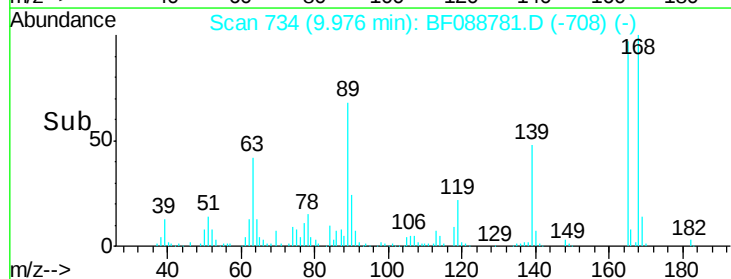
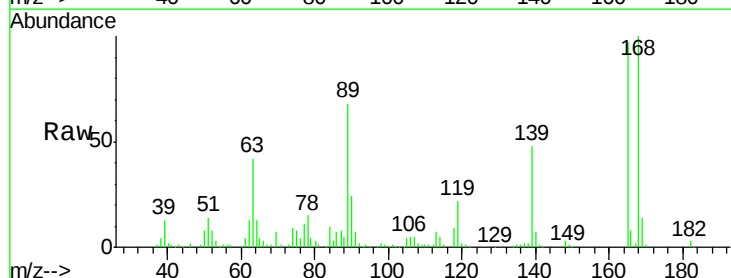
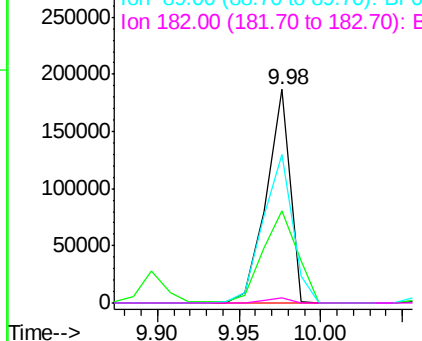
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





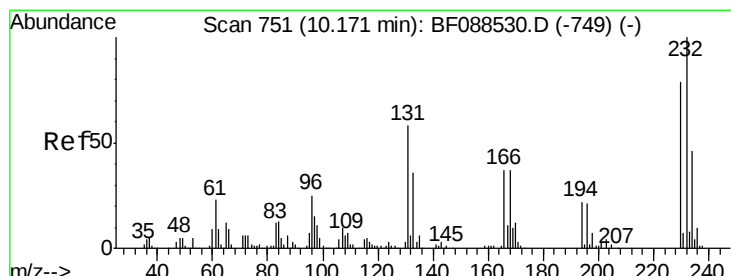
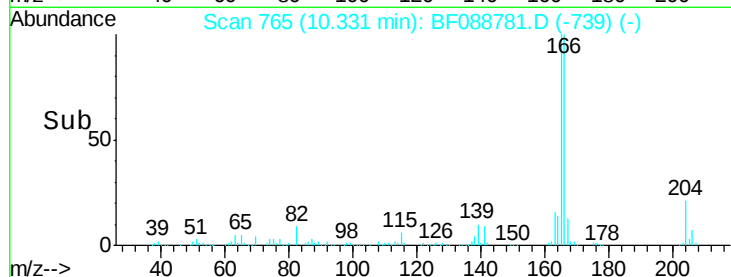
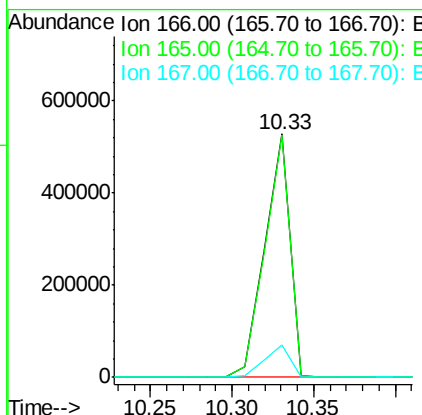
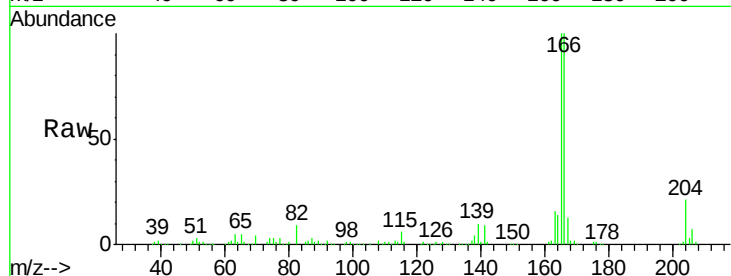
#57
 Fluorene
 Concen: 45.21 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	568837		
165	99.5	77.8	116.8	
167	13.1	11.2	16.8	

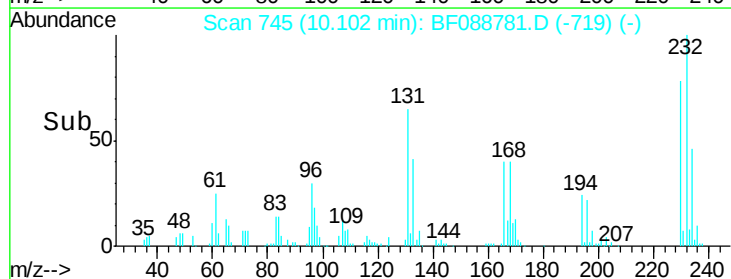
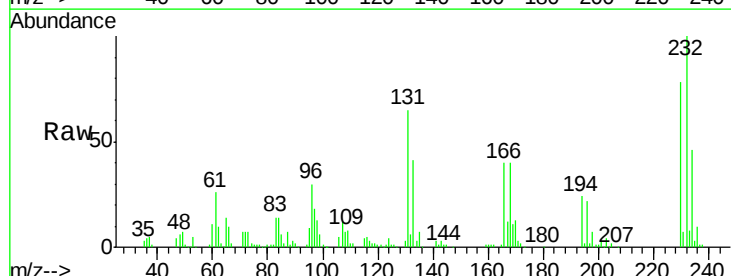
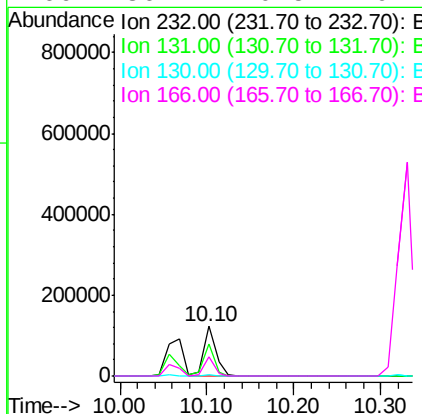
Manual Integrations

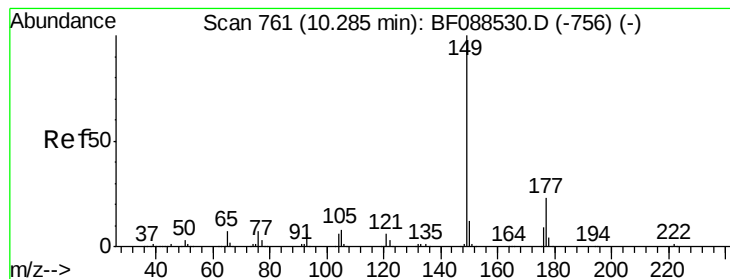
SOHIL
 7/8/2016 7:03:53 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.63 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	119564		
131	57.4	0.9	1.3#	
130	2.9	1.5	2.3#	
166	36.2	0.5	0.7#	





#59

Diethylphthalate

Concen: 42.81 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

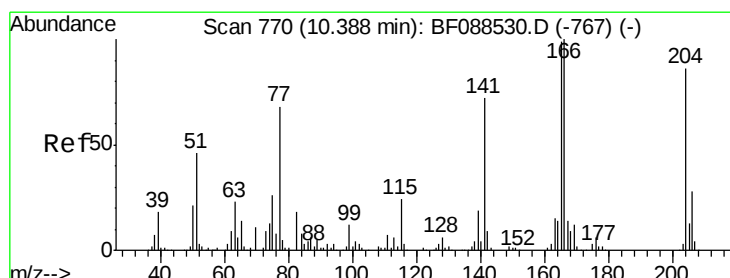
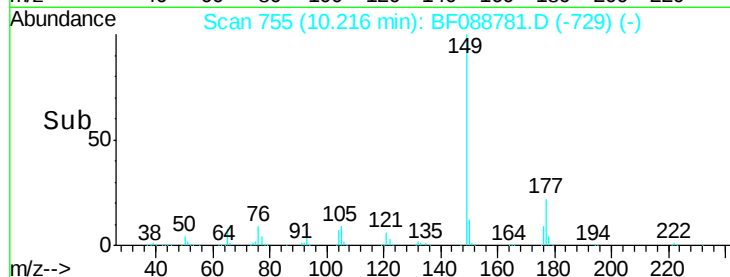
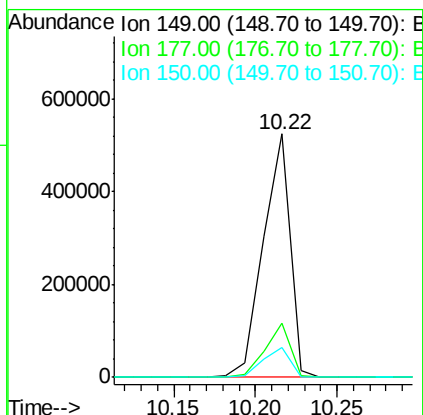
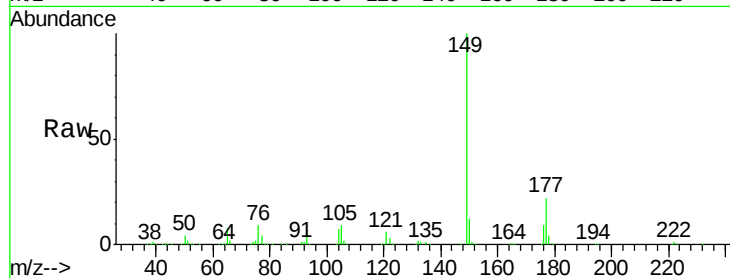
SSTDCCC040

Tgt Ion:	149	Resp:	602263
Ion Ratio	Lower	Upper	
149	100		
177	22.2	16.9	25.3
150	12.5	10.1	15.1

Manual Integrations

SOHIL

7/8/2016 7:03:53 AM



#60

4-Chlorophenyl-phenylether

Concen: 38.43 ng

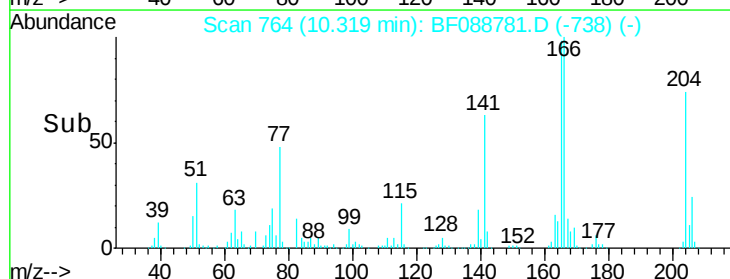
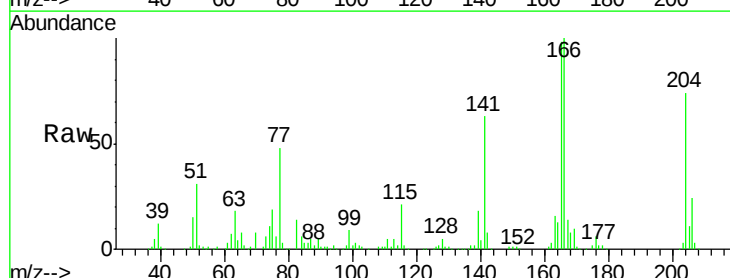
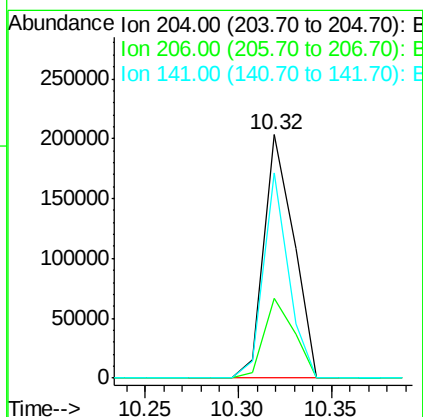
RT: 10.32 min Scan# 764

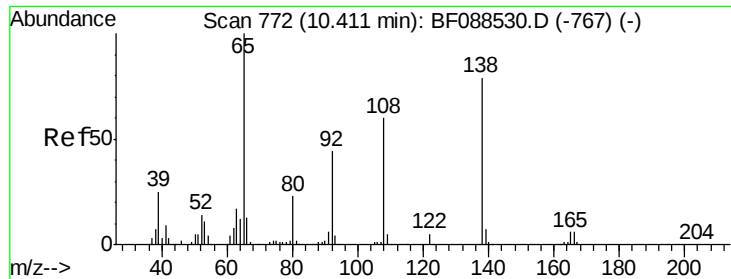
Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:	204	Resp:	224693
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.3	39.5
141	84.3	55.0	82.6#





#61

4-Nitroaniline

Concen: 40.86 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088781.D

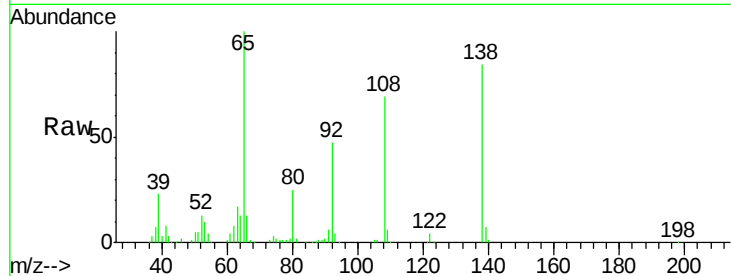
Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 138 Resp: 155296

Ion Ratio Lower Upper

138 100

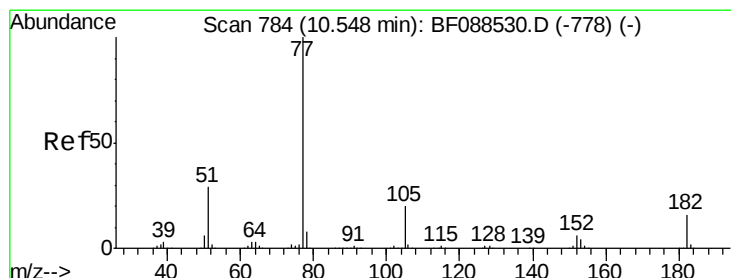
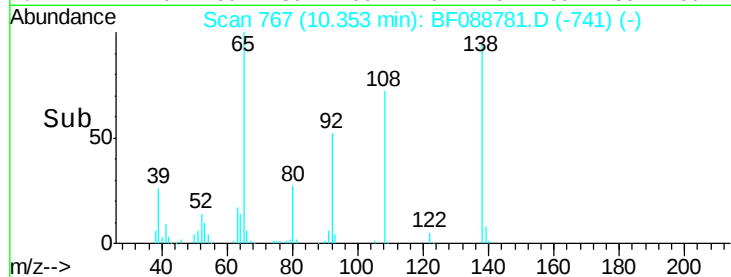
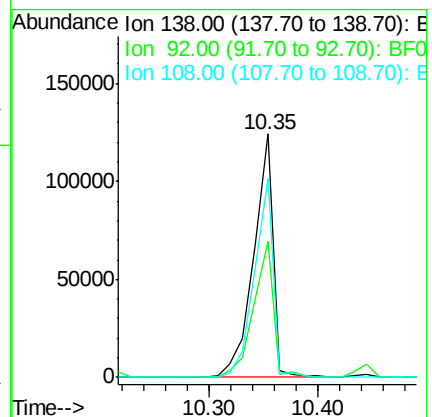
92 55.8 27.3 67.3

108 81.5 46.7 86.7

Manual Integrations

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#62

Azobenzene

Concen: 36.77 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion: 77 Resp: 590000

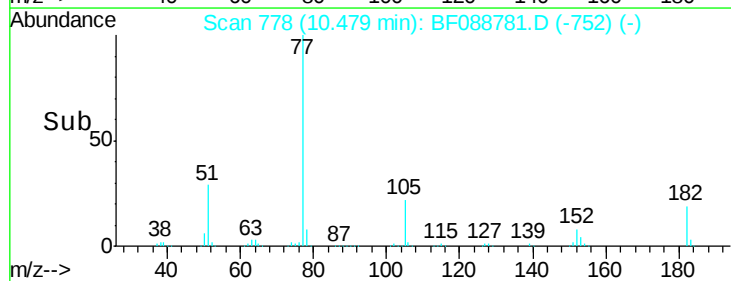
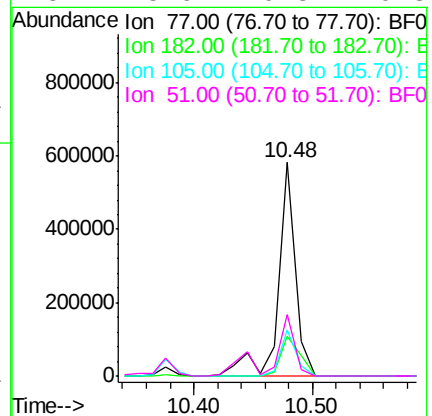
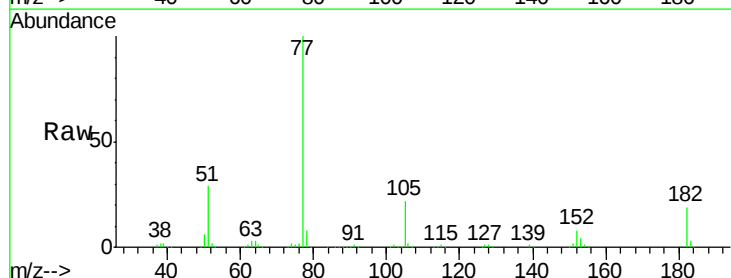
Ion Ratio Lower Upper

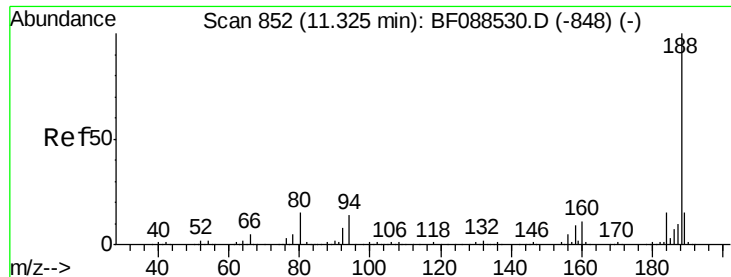
77 100

182 18.8 4.4 44.4

105 21.9 3.8 43.8

51 28.6 9.3 49.3





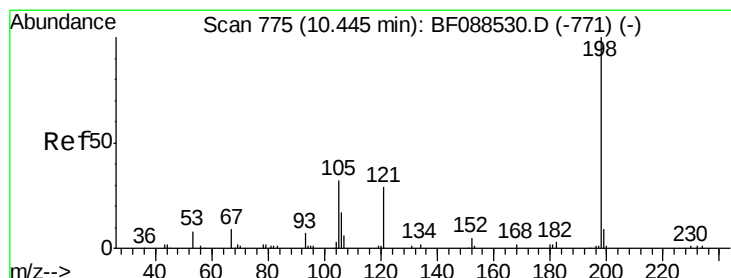
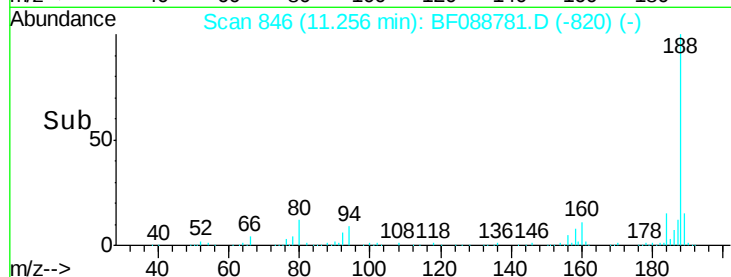
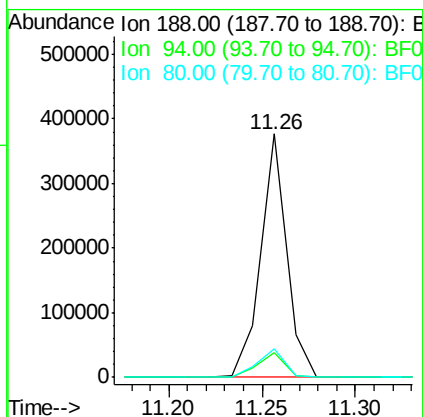
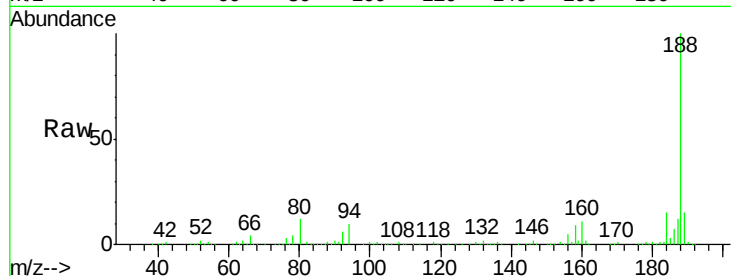
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	188	Resp:	361310
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.0	13.6
80	11.8	10.0	15.0

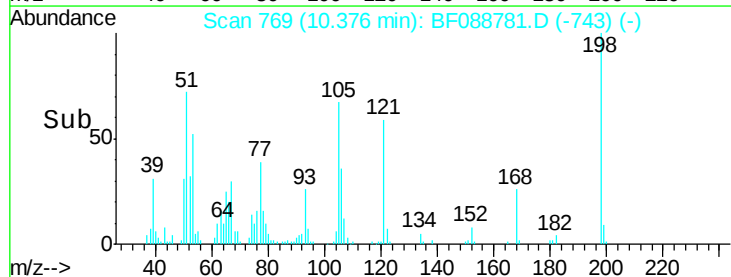
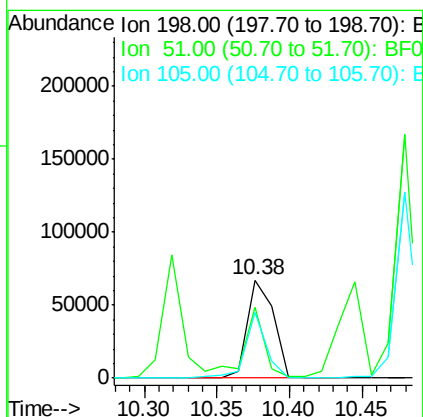
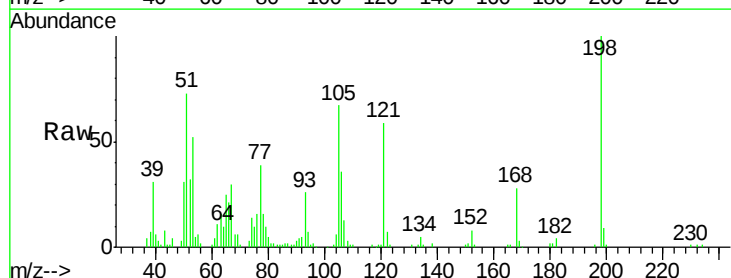
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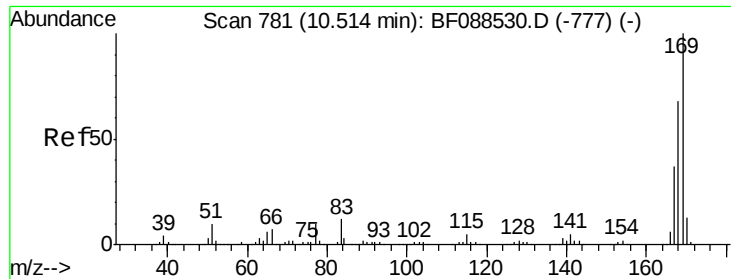
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.07 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:	198	Resp:	85158
Ion Ratio	Lower	Upper	
198	100		
51	72.6	39.6	79.6
105	67.0	36.6	76.6





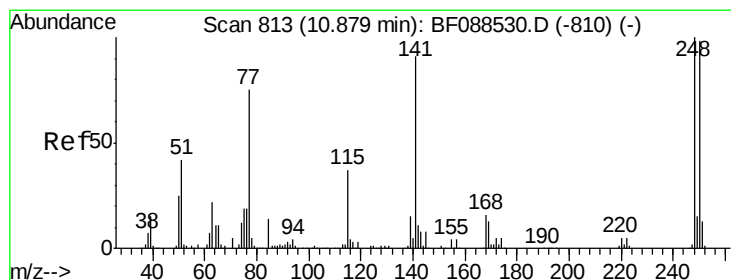
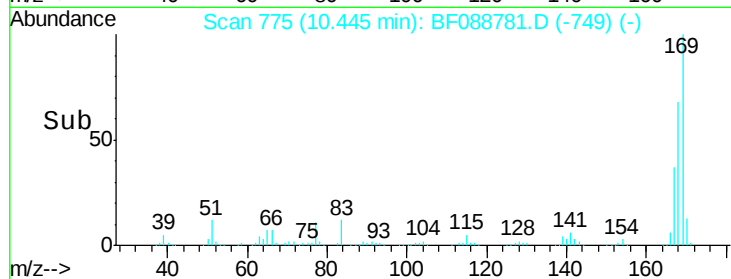
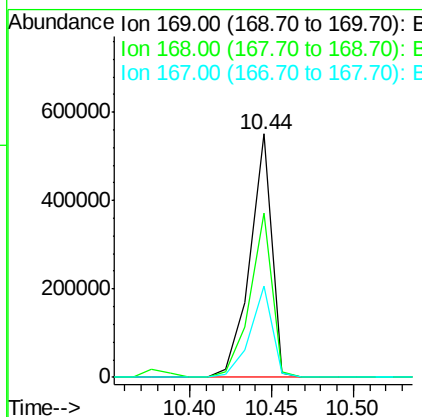
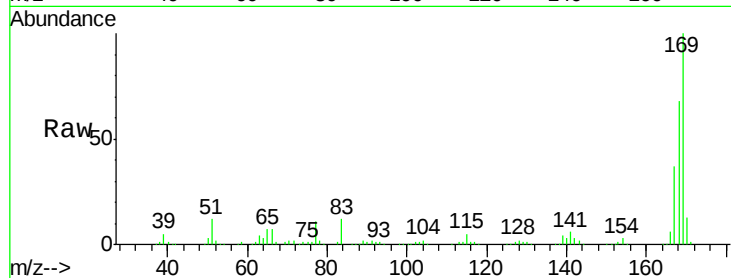
#65
 n-Nitrosodiphenylamine
 Concen: 42.05 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.4	80.0
167	37.3	29.4	44.0

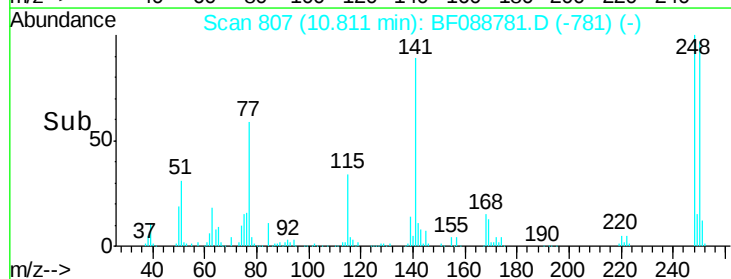
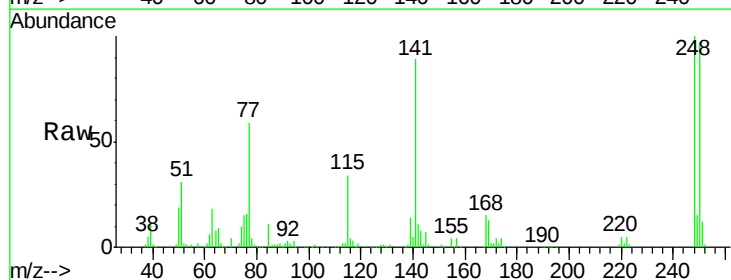
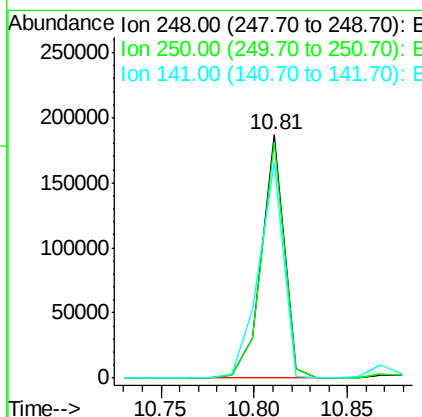
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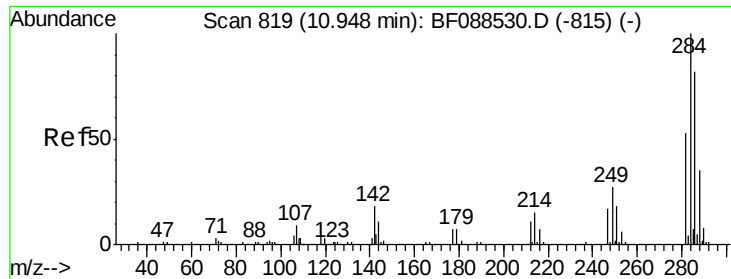
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#66
 4-Bromophenyl-phenylether
 Concen: 42.84 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.1	115.7
141	88.7	50.6	76.0





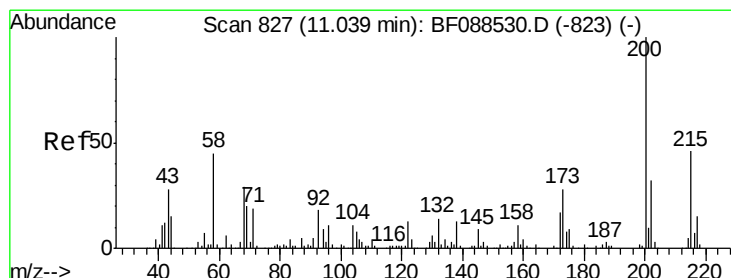
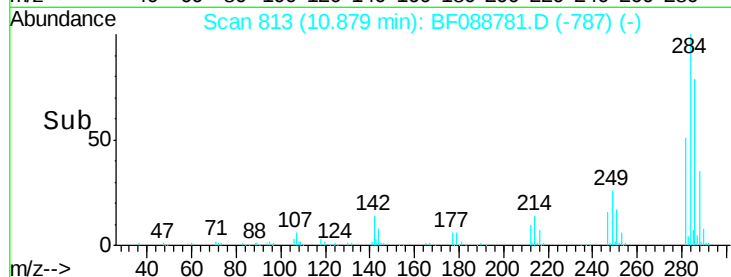
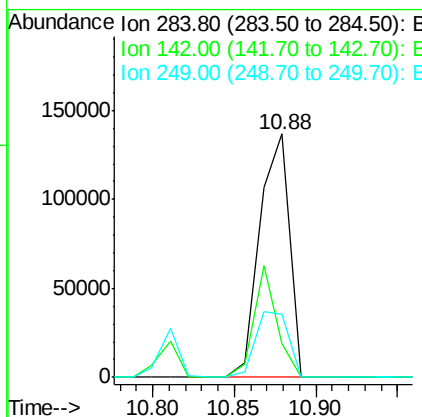
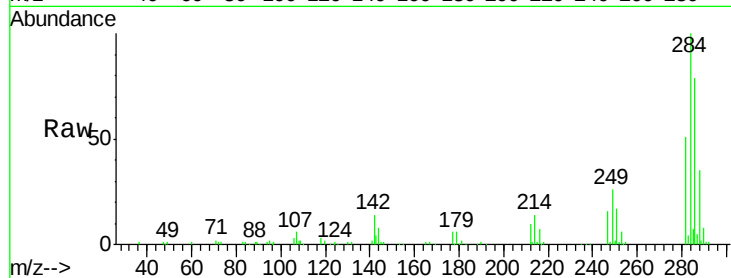
#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 172881
Ion Ratio Lower Upper
284 100
142 14.1 35.8 53.8#
249 26.1 25.8 38.6

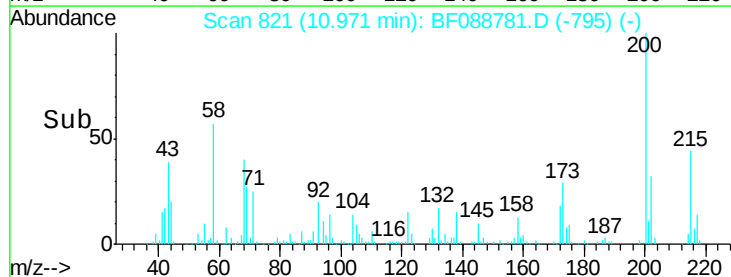
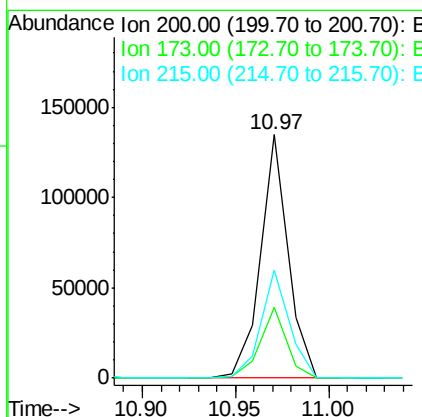
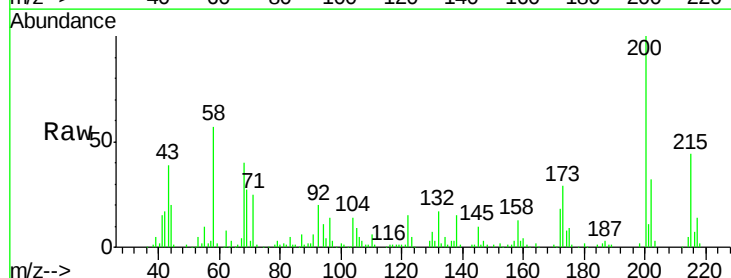
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#68
Atrazine
Concen: 36.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:200 Resp: 137187
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 44.1 29.3 69.3





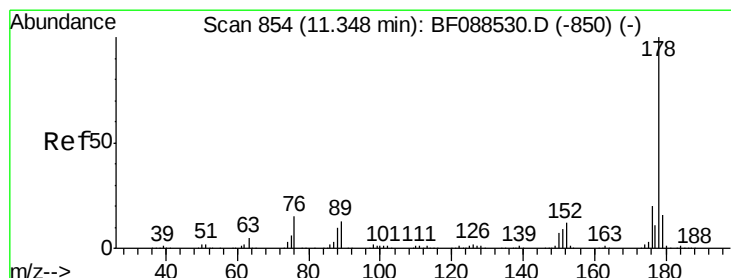
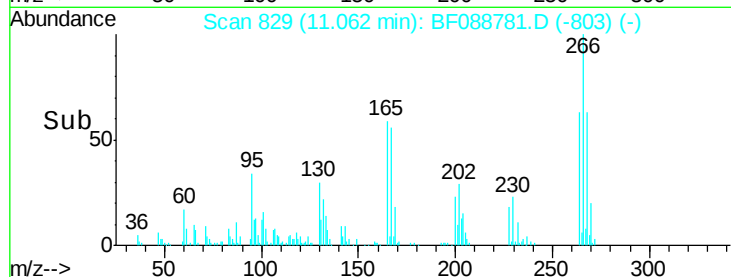
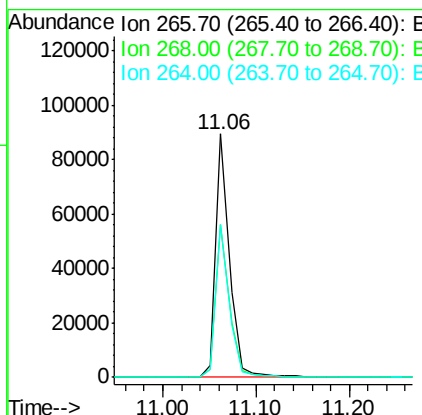
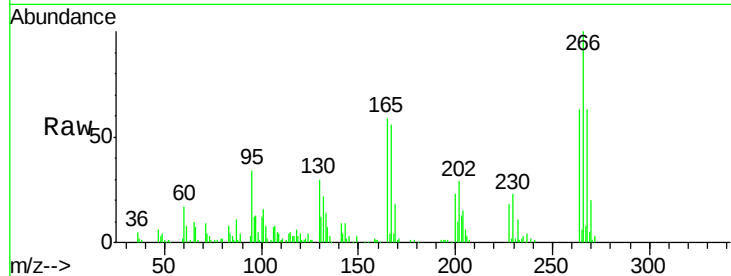
#69
 Pentachlorophenol
 Concen: 38.39 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 91563
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.8 79.2
 264 62.9 49.6 74.4

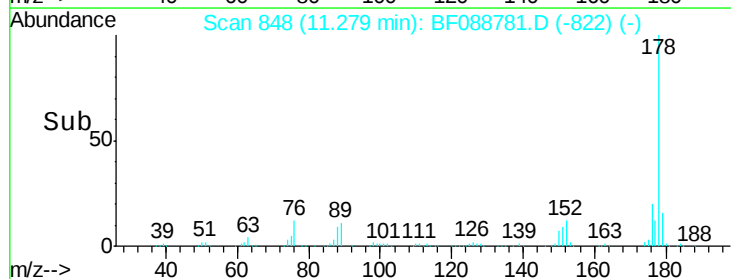
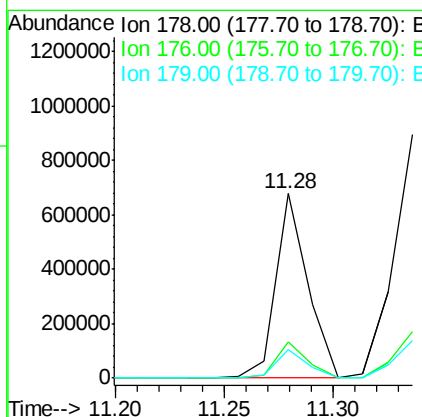
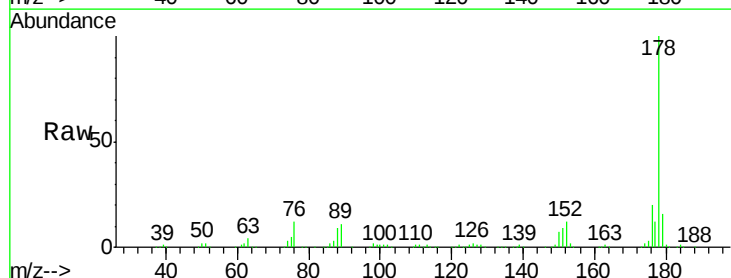
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#70
 Phenanthrene
 Concen: 35.27 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion: 178 Resp: 696638
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.9 13.0 19.4





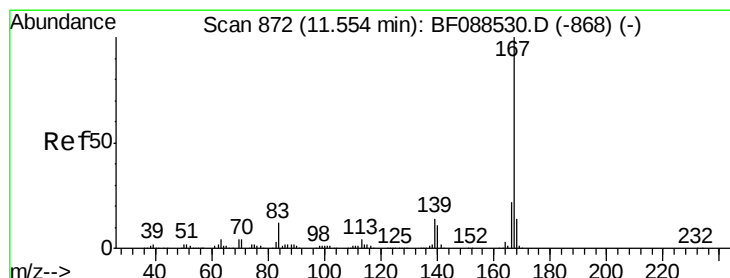
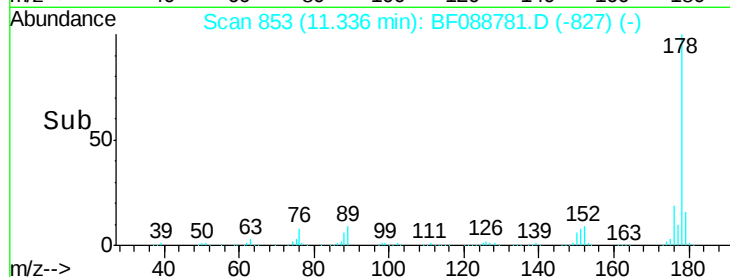
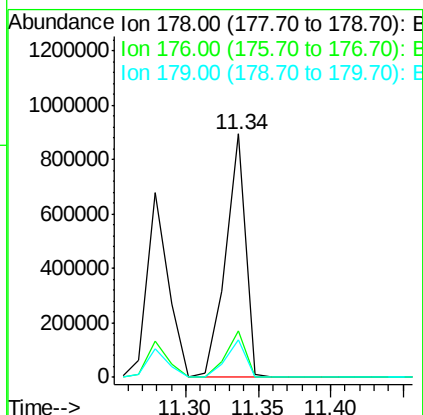
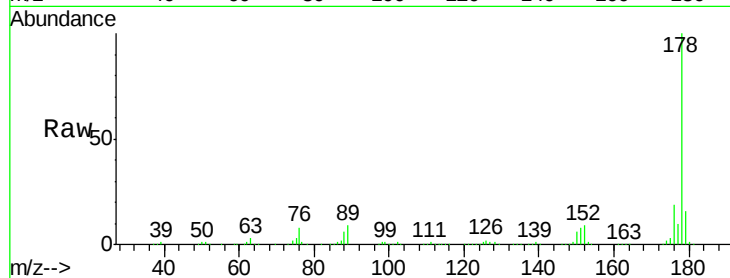
#71
 Anthracene
 Concen: 43.35 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 851309
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.5 12.8 19.2

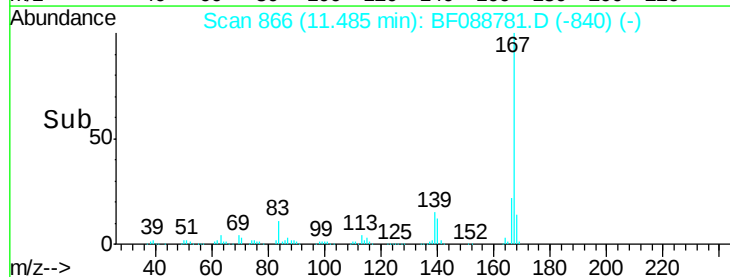
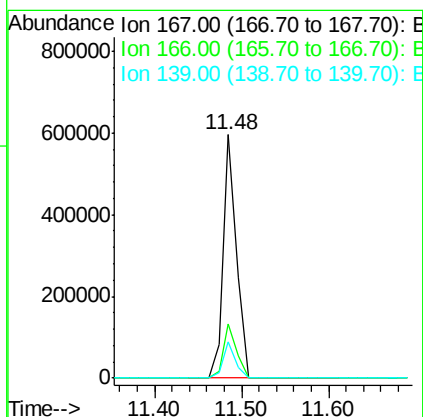
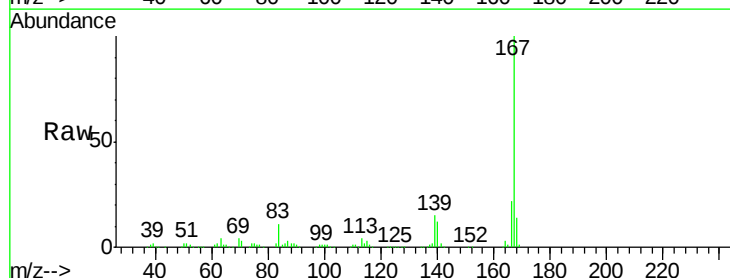
Manual Integrations

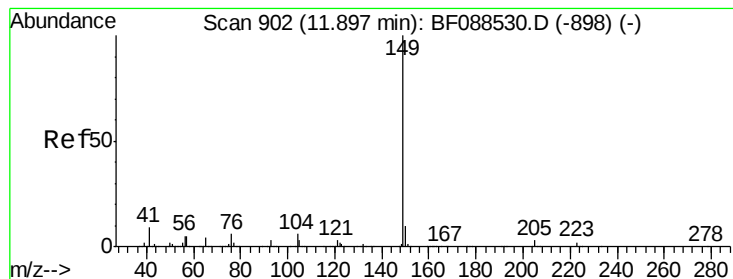
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#72
 Carbazole
 Concen: 34.64 ng
 RT: 11.48 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:167 Resp: 640218
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 38.41 ng

RT: 11.83 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

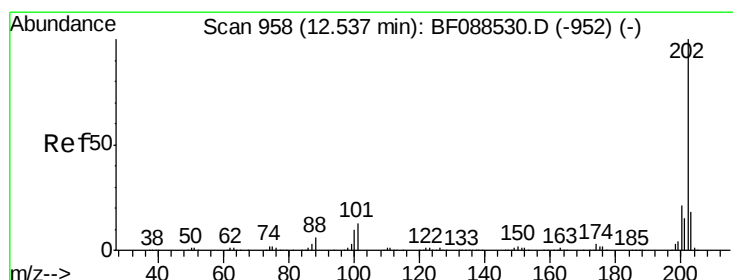
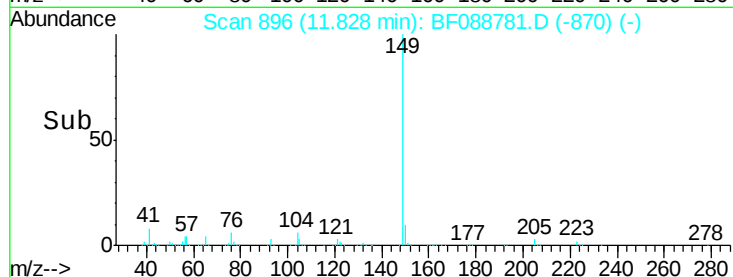
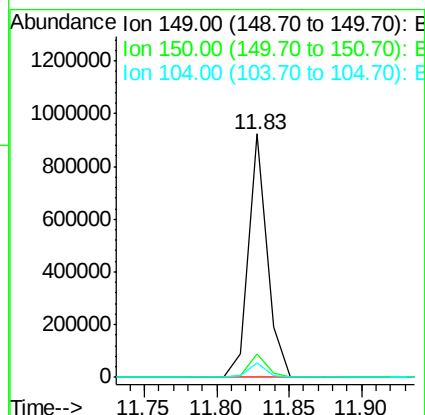
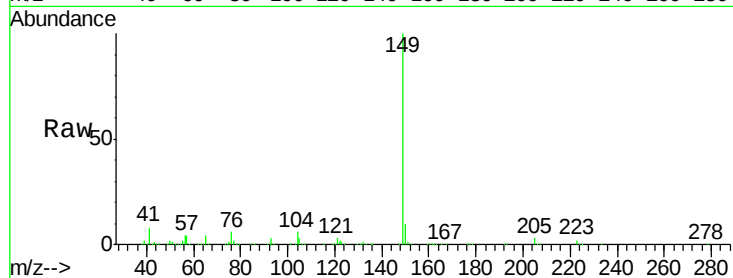
SSTDCCC040

Tgt Ion:	149	Resp:	825838
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.9	4.0	6.0

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#74

Fluoranthene

Concen: 42.58 ng

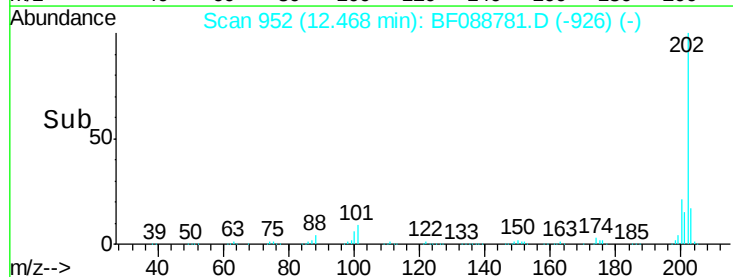
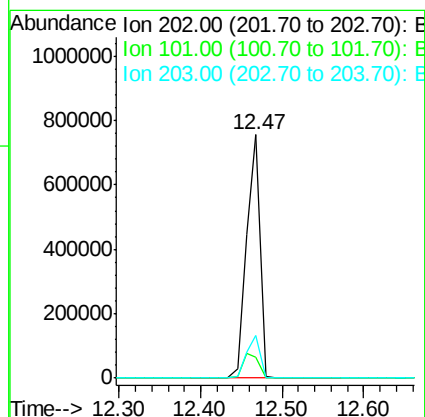
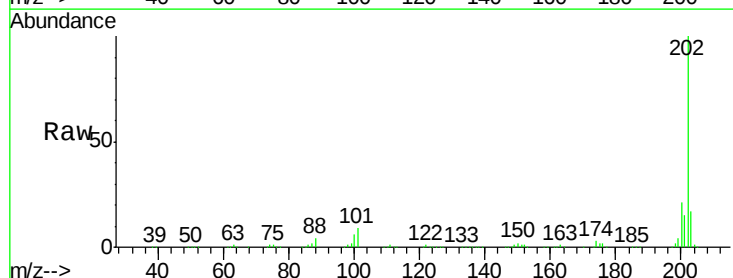
RT: 12.47 min Scan# 952

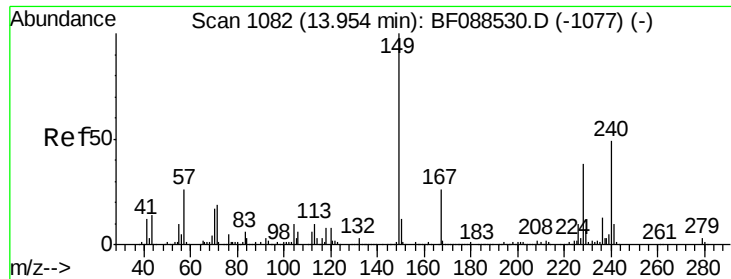
Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:	202	Resp:	852520
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	33.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

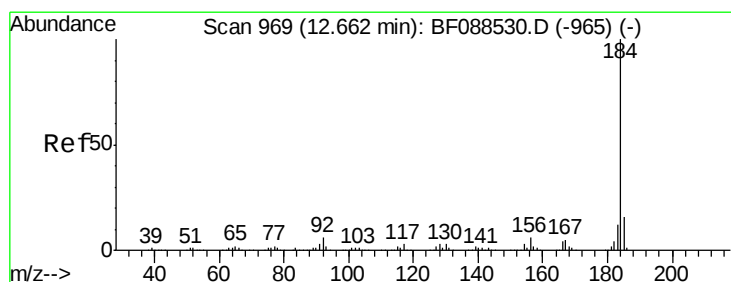
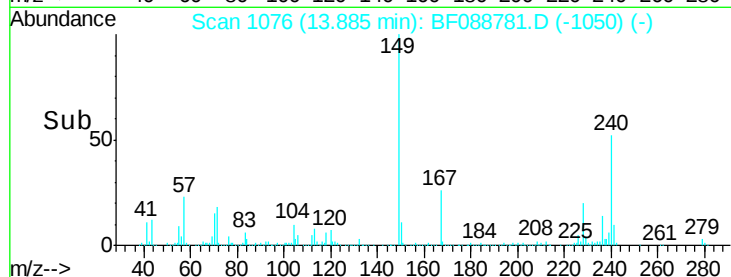
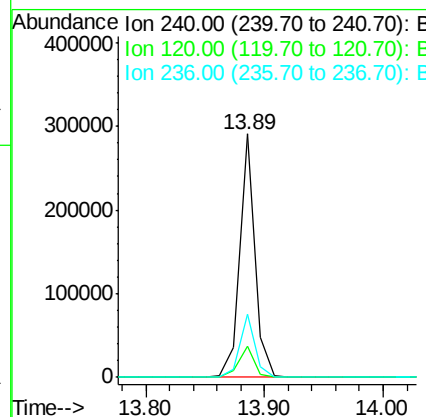
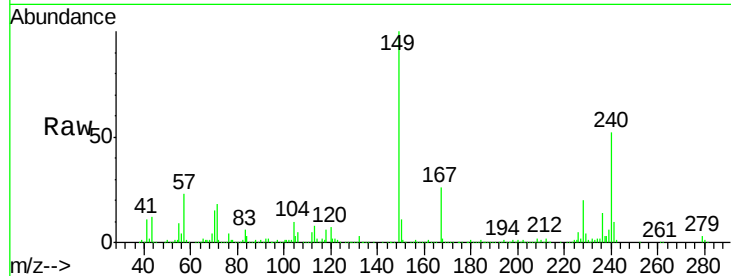
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	260995		
120	12.8	6.8	10.2	
236	25.9	20.2	30.2	

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#76

Benzidine

Concen: 42.16 ng

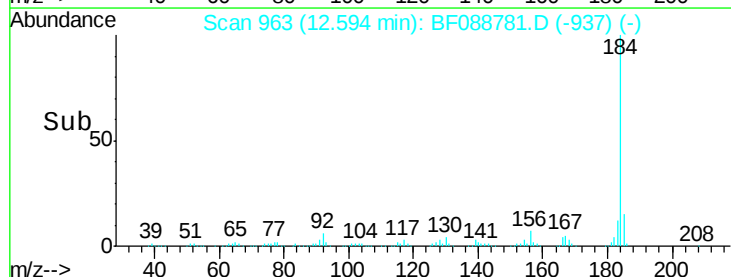
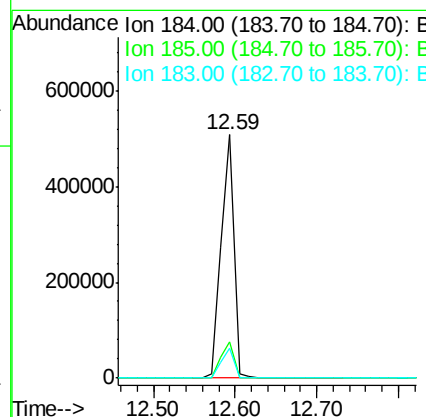
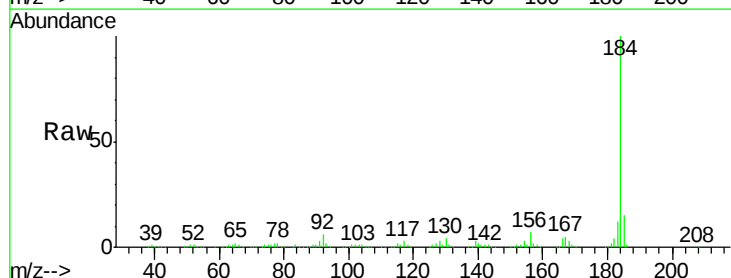
RT: 12.59 min Scan# 963

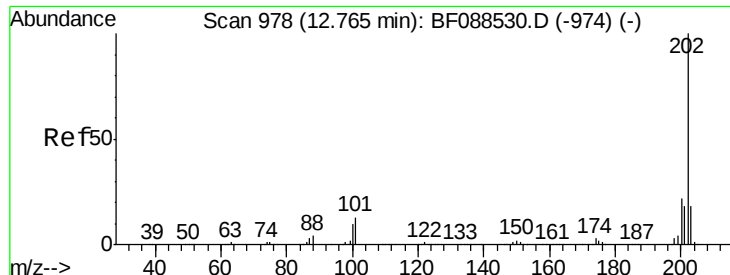
Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	556140		
185	15.1	12.5	18.7	
183	12.3	9.3	13.9	





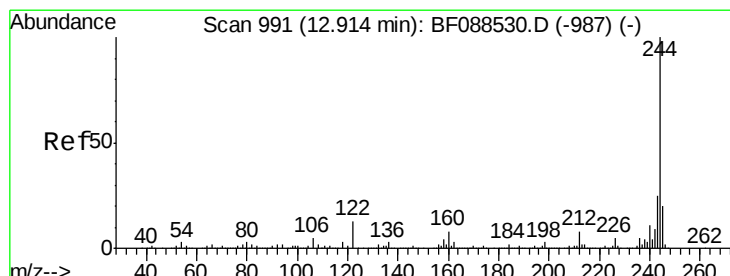
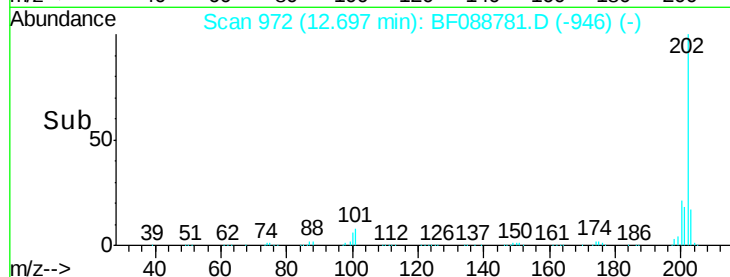
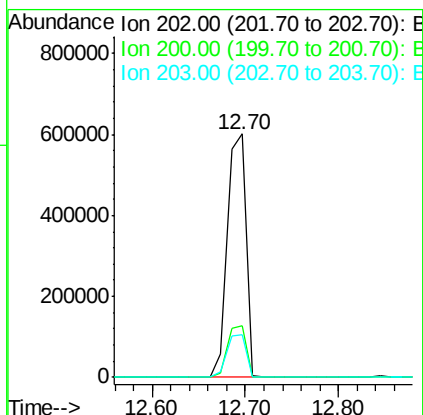
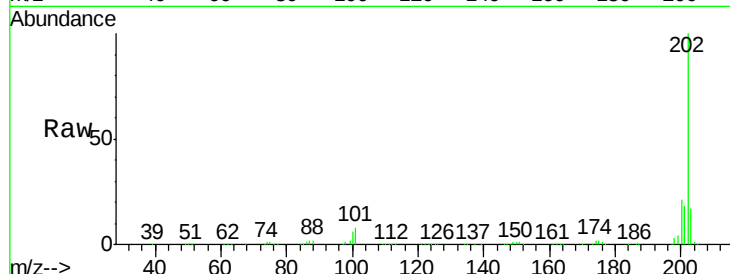
#77
 Pyrene
 Concen: 38.19 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	845165		
200	21.3		17.4	26.2
203	17.4		14.5	21.7

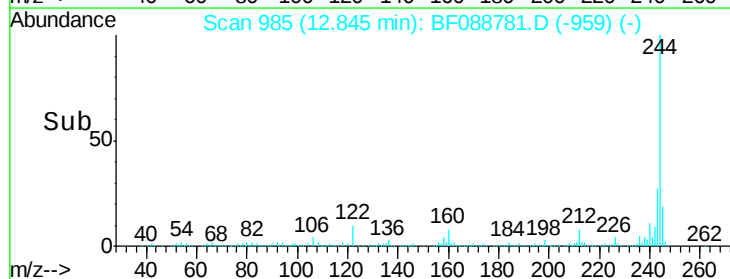
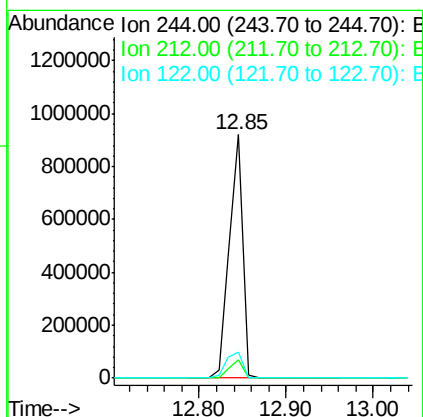
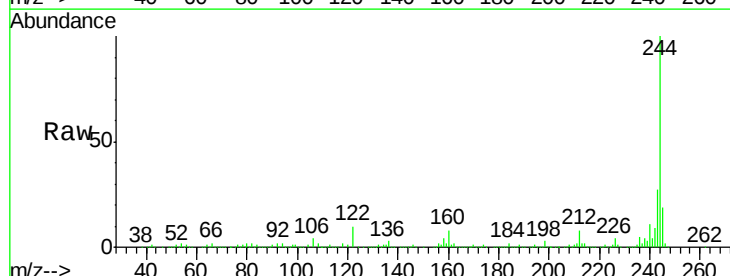
Manual Integrations

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#78
 Terphenyl-d14
 Concen: 83.57 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	979274		
212	7.7		6.0	9.0
122	10.5		11.2	16.8#





#79

Butylbenzylphthalate

Concen: 37.62 ng

RT: 13.31 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

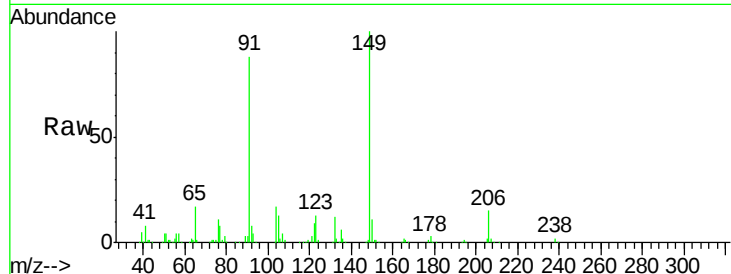
SSTDCCC040

Tgt Ion:	149	Resp:	371396
Ion Ratio	Lower	Upper	
149	100		
91	87.6	48.0	72.0#
206	14.6	16.0	24.0#

Manual Integrations

SOHIL

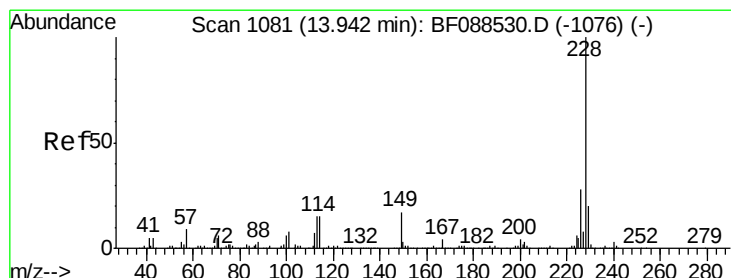
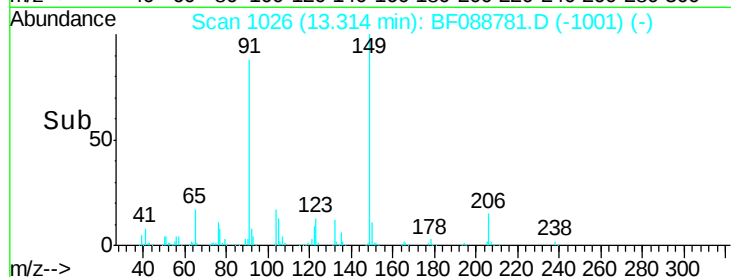
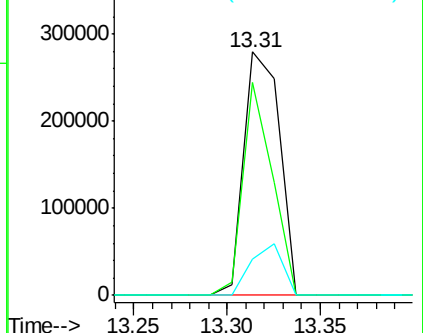
7/8/2016 7:03:53 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.42 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088781.D

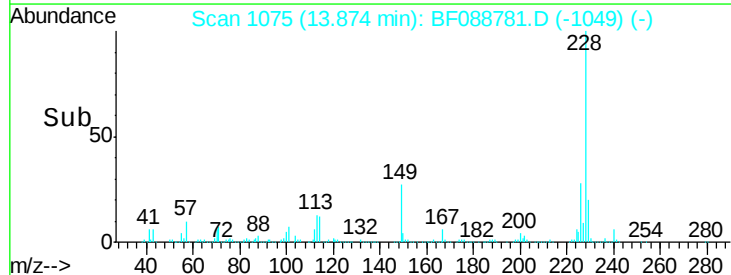
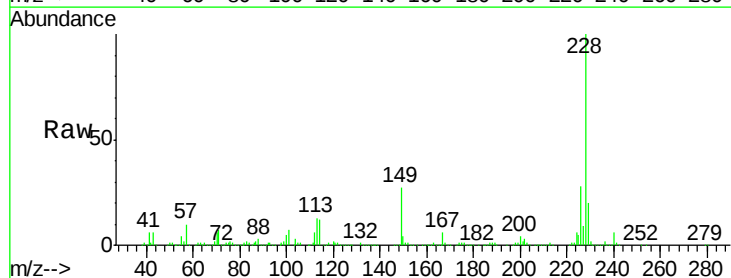
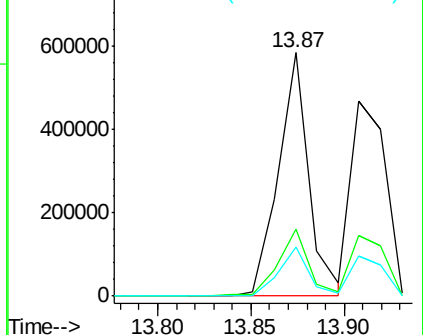
Acq: 7 Jul 2016 15:46

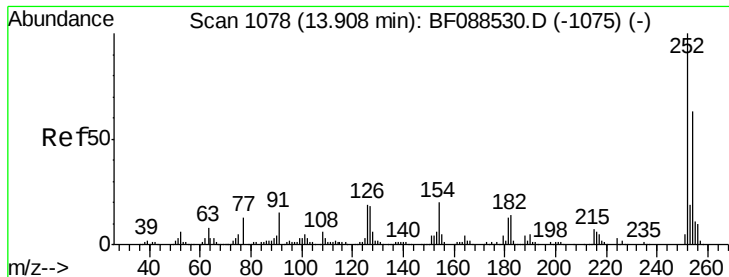
Tgt Ion:	228	Resp:	662515
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.3	33.5
229	20.1	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





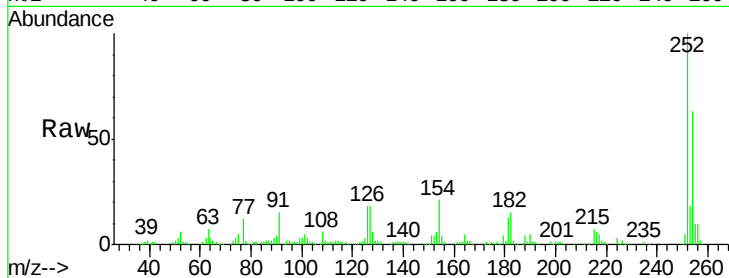
#81
 3,3'-Dichlorobenzidine
 Concen: 36.77 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

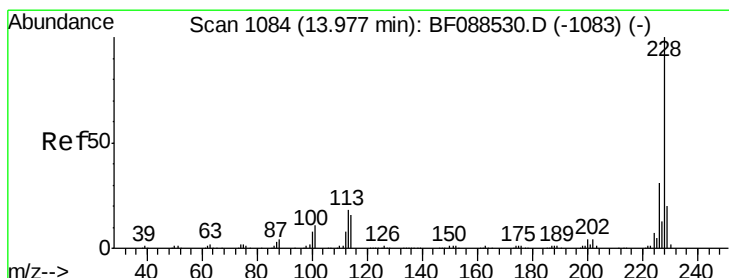
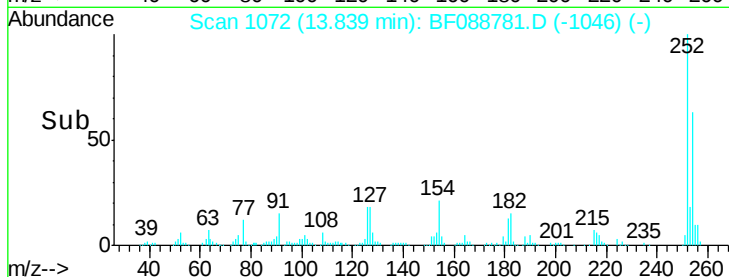
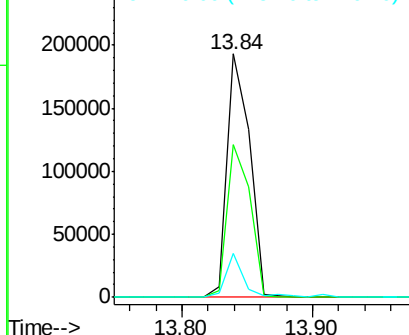
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.6	78.8
126	17.8	6.2	9.2

Manual Integrations

SOHIL
 7/8/2016 7:03:53 AM



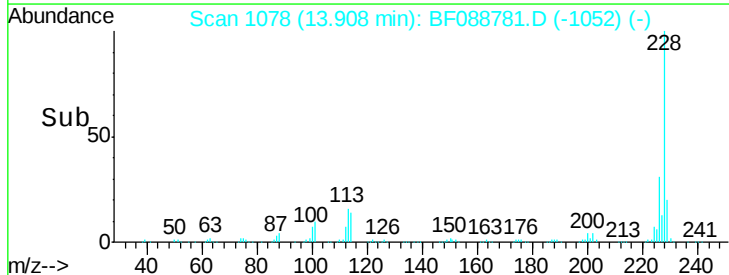
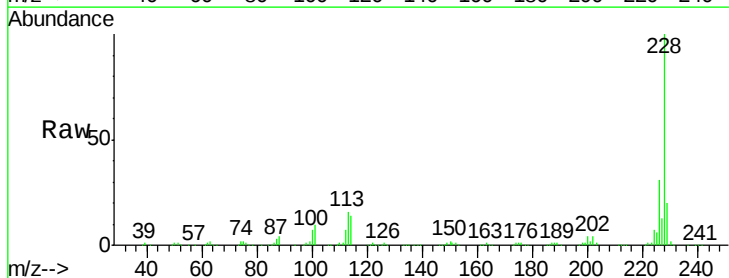
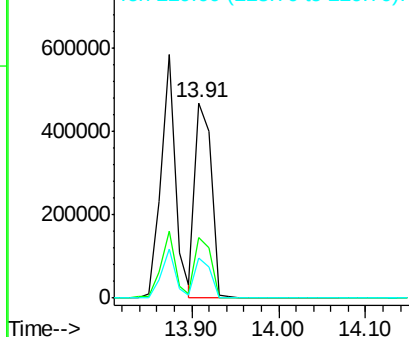
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

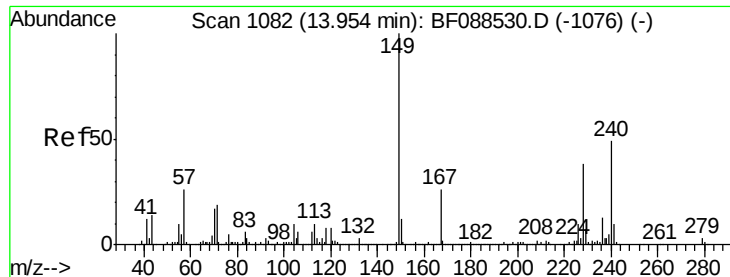


#82
 Chrysene
 Concen: 36.50 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	20.5	16.3	24.5

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.30 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 510500

Ion Ratio Lower Upper

149 100

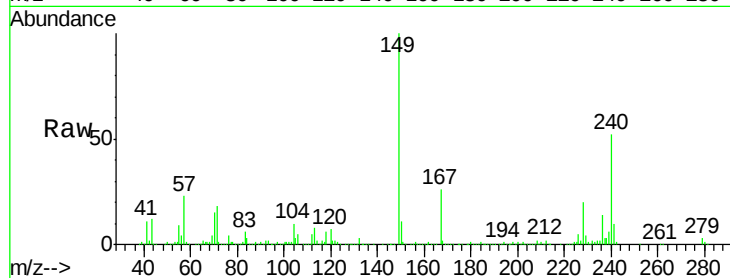
167 25.7 20.5 30.7

279 3.4 2.0 3.0#

Manual Integrations

SOHIL

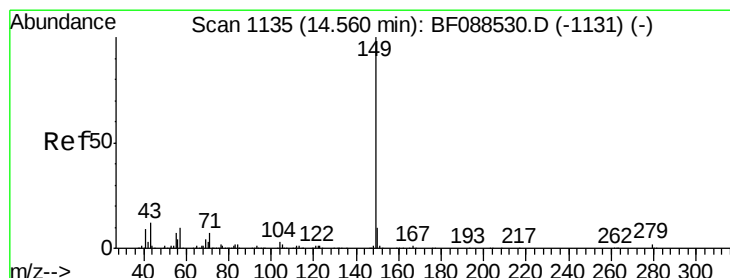
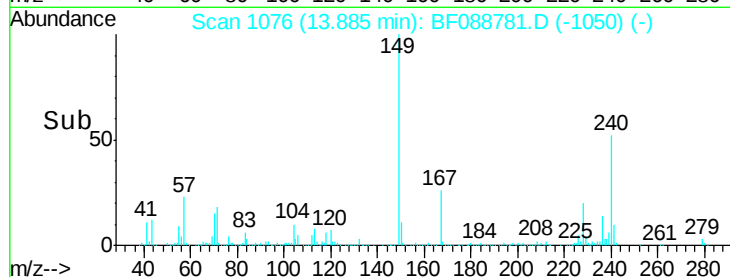
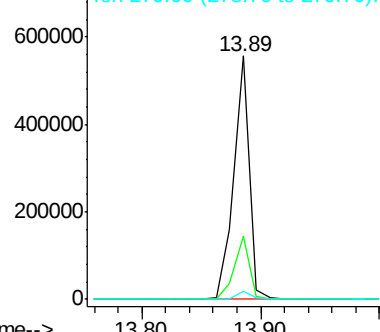
7/8/2016 7:03:53 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.62 ng

RT: 14.49 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

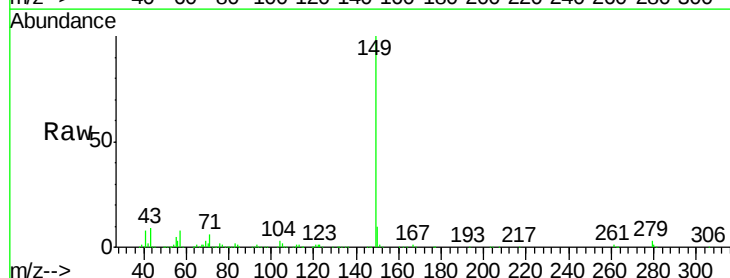
Tgt Ion:149 Resp: 835188

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

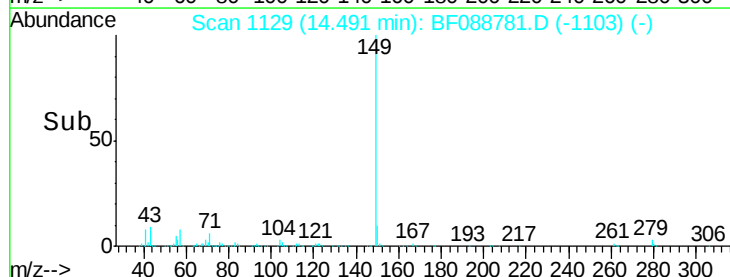
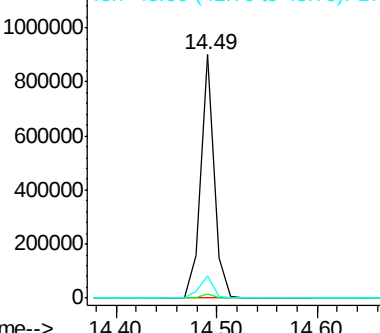
43 9.4 0.0 0.0#

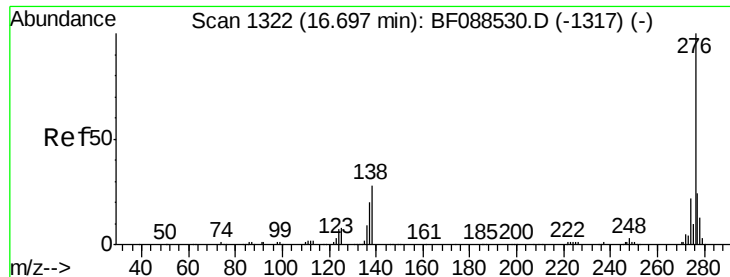


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





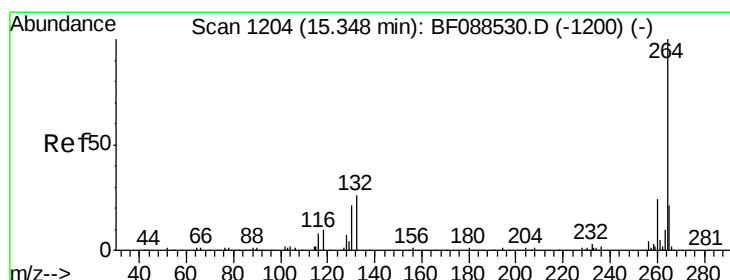
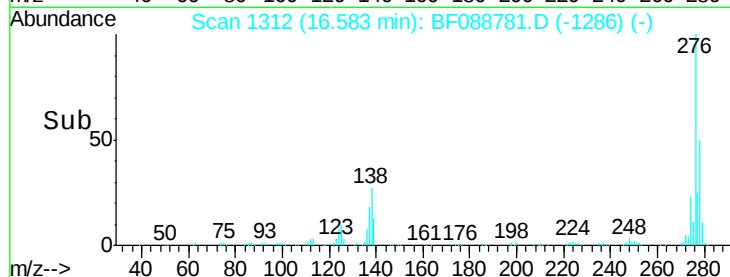
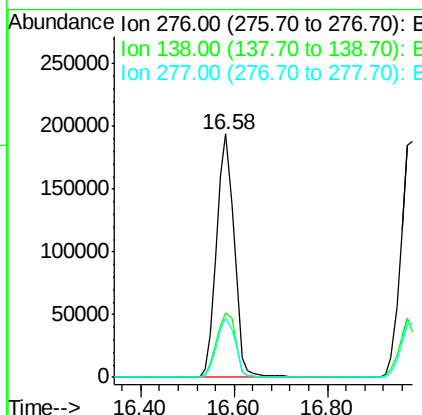
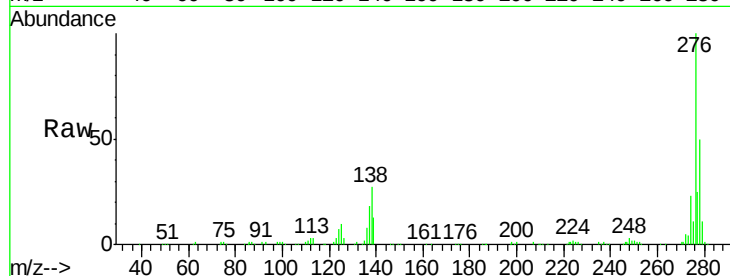
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.75 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	508457		
138	28.7	0.0	0.0	0.0
277	25.4	0.0	0.0	0.0

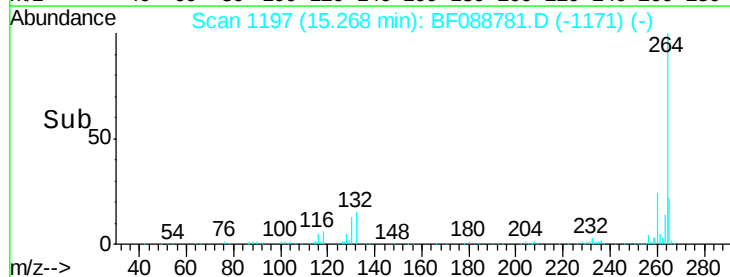
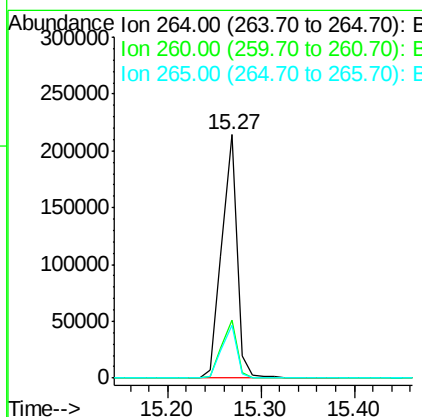
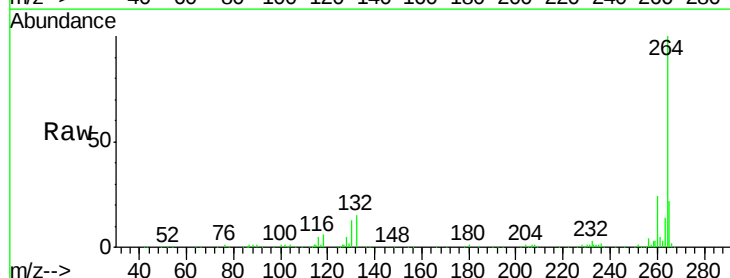
Manual Integrations

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 7/8/2016 7:03:53 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	243724		
260	24.1	19.2	28.8	
265	21.7	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 36.41 ng m

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

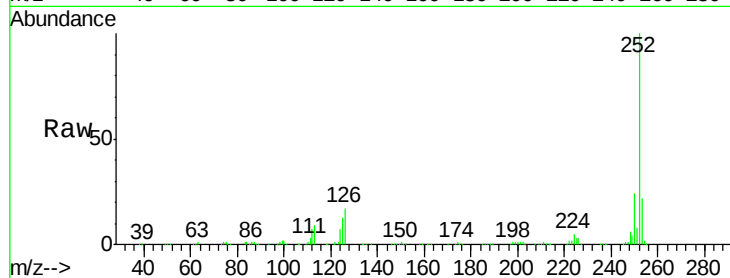
SSTDCCC040

Tgt Ion:	252	Resp:	556609
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	13.1	7.1	10.7#

Manual Integrations

SOHIL

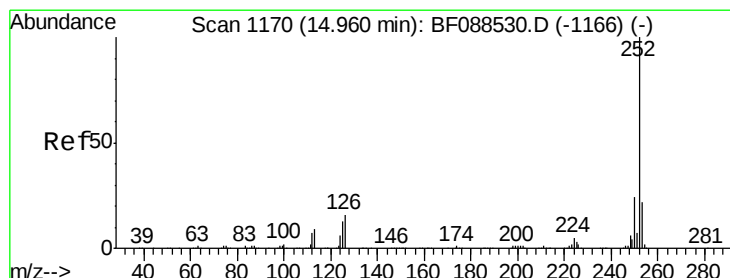
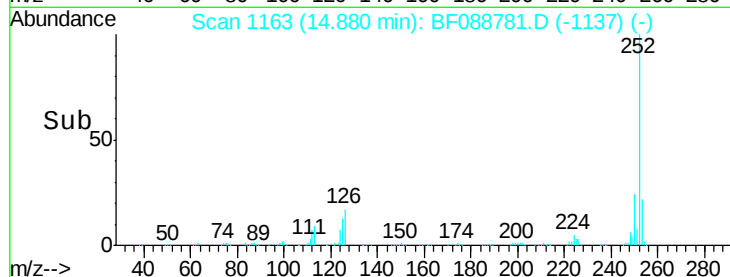
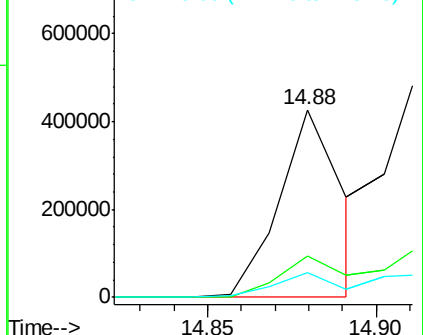
7/8/2016 7:03:53 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.02 ng m

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF088781.D

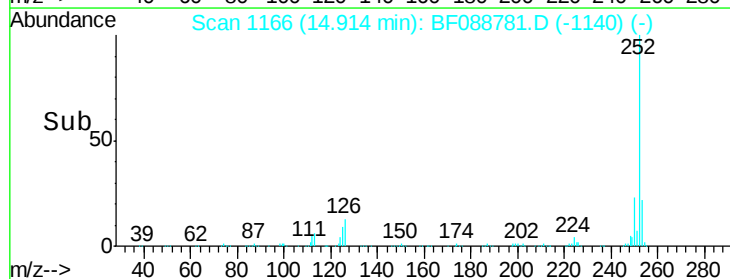
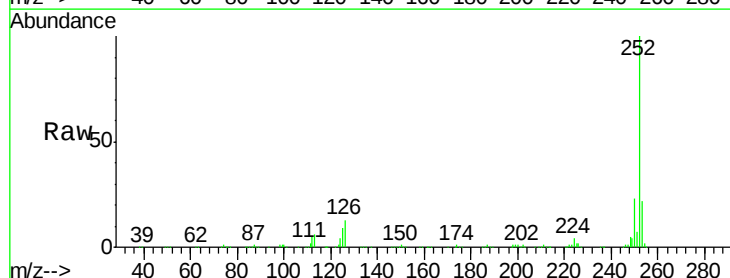
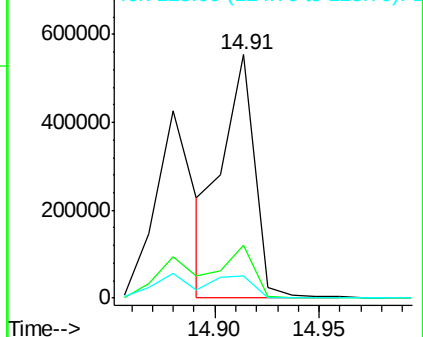
Acq: 7 Jul 2016 15:46

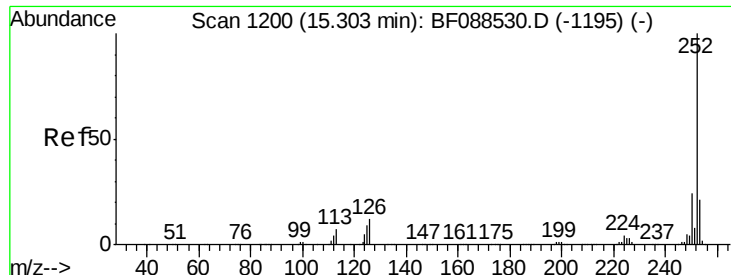
Tgt Ion:	252	Resp:	599238
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	9.2	11.2	16.8#

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





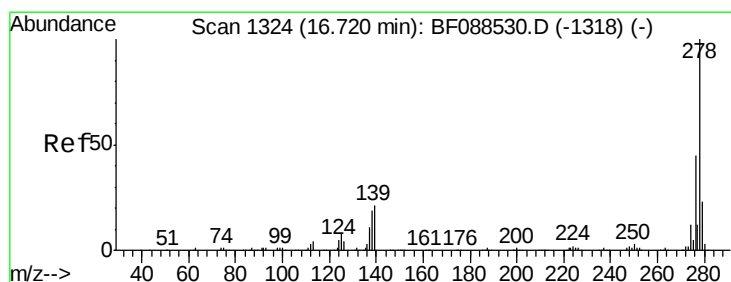
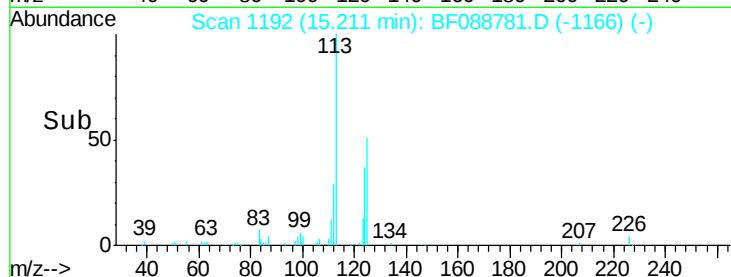
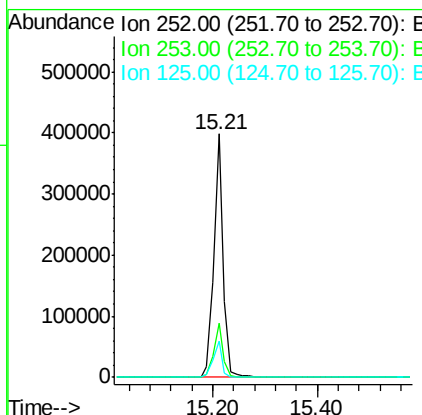
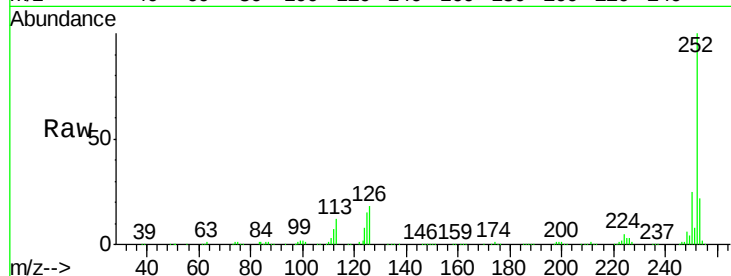
#89
Benzo(a)pyrene
Concen: 38.38 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.8	12.5	18.7

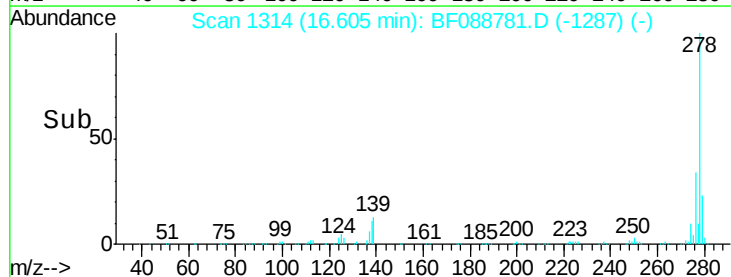
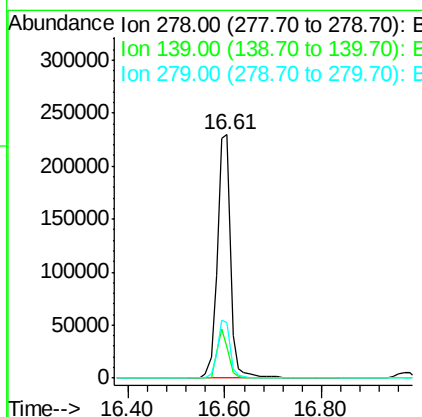
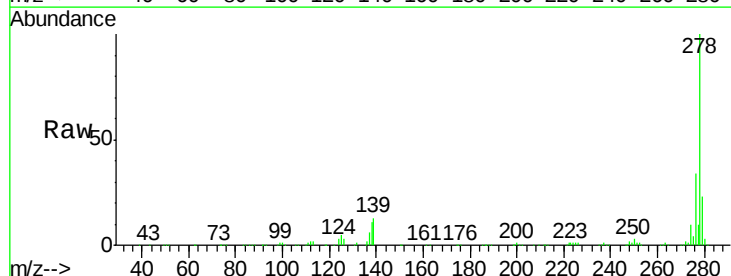
Manual Integrations

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#90
Dibenzo(a,h)anthracene
Concen: 41.11 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.7	23.5#
279	22.8	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 38.84 ng
 RT: 16.98 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	19.1	21.4	32.2

Manual Integrations

APPROVED
 SOHIL
 7/8/2016 7:03:53 AM

