

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088534.D
 Acq On : 30 Jun 2016 17:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:06:59 AM

Quant Time: Jun 30 18:22:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126426	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	532070	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	241468	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	456122	20.00	ng	0.00
75) Chrysene-d12	13.95	240	288509	20.00	ng	0.00
86) Perylene-d12	15.35	264	276640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	678045	80.38	ng	0.00
7) Phenol-d6	6.44	99	810010	74.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	777310	76.56	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	189728	84.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1163439	76.11	ng	0.00
78) Terphenyl-d14	12.91	244	1013258	78.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	161185	38.54	ng	# 34
3) Pyridine	3.08	79	471655	38.86	ng	98
4) n-Nitrosodimethylamine	3.04	42	183850	39.65	ng	92
6) Aniline	6.48	93	632879	39.84	ng	99
8) 2-Chlorophenol	6.59	128	347867	38.37	ng	93
9) Benzaldehyde	6.35	77	286969	38.87	ng	81
10) Phenol	6.46	94	472737	38.00	ng	85
11) bis(2-Chloroethyl)ether	6.56	93	372747	40.18	ng	# 82
12) 1,3-Dichlorobenzene	6.75	146	364726	36.56	ng	96
13) 1,4-Dichlorobenzene	6.83	146	389020	39.28	ng	97
14) 1,2-Dichlorobenzene	6.99	146	352777	38.06	ng	98
15) Benzyl Alcohol	6.96	79	334676	41.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	547017	40.72	ng	94
17) 2-Methylphenol	7.07	107	301432	40.75	ng	98
18) Hexachloroethane	7.34	117	156894	40.96	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	277728	37.93	ng	96
20) 3+4-Methylphenols	7.22	107	333699	37.59	ng	# 83
22) Acetophenone	7.23	105	529984	41.04	ng	96
24) Nitrobenzene	7.40	77	428056	41.82	ng	95
25) Isophorone	7.64	82	731009	38.87	ng	97
26) 2-Nitrophenol	7.71	139	160760	38.30	ng	96
27) 2,4-Dimethylphenol	7.76	122	358028	40.95	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	477437	39.01	ng	98
29) 2,4-Dichlorophenol	7.95	162	265763	37.61	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	314083	40.50	ng	99
31) Naphthalene	8.12	128	1065421	40.62	ng	99
32) Benzoic acid	7.88	122	264876	41.73	ng	92
33) 4-Chloroaniline	8.17	127	451324	38.67	ng	97
34) Hexachlorobutadiene	8.25	225	171103	41.21	ng	99
35) Caprolactam	8.55	113	102406	42.67	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	320384	38.34	ng	94
37) 2-Methylnaphthalene	8.81	142	611101	36.18	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	327734	40.81	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	153127	38.85	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	200858	37.93	ng	95
43) 2,4,5-Trichlorophenol	9.13	196	196332	43.09	ng	95
45) 1,1'-Biphenyl	9.28	154	797974	39.91	ng	99
46) 2-Chloronaphthalene	9.30	162	639861	40.76	ng	100
47) 2-Nitroaniline	9.39	65	245278	44.03	ng	98
48) Acenaphthylene	9.71	152	975503	39.06	ng	99
49) Dimethylphthalate	9.58	163	674800	39.23	ng	99
50) 2,6-Dinitrotoluene	9.63	165	147220	38.61	ng	# 42
51) Acenaphthene	9.88	154	580642	37.93	ng	99
52) 3-Nitroaniline	9.80	138	212767	43.90	ng	98
53) 2,4-Dinitrophenol	9.91	184	76035	45.17	ng	# 72
54) Dibenzofuran	10.06	168	780048	38.93	ng	# 90
55) 4-Nitrophenol	9.95	139	147237	39.98	ng	96
56) 2,4-Dinitrotoluene	10.03	165	190922	38.30	ng	# 51
57) Fluorene	10.40	166	640781	41.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	144470	40.99	ng	# 47
59) Diethylphthalate	10.28	149	719611	41.68	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	266109	37.09	ng	# 88
61) 4-Nitroaniline	10.41	138	176779	37.90	ng	86
62) Azobenzene	10.55	77	756740	38.43	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	113810	46.65	ng	# 68
65) n-Nitrosodiphenylamine	10.51	169	626309	40.57	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	171955	37.41	ng	# 83
67) Hexachlorobenzene	10.95	284	205494	40.39	ng	# 76
68) Atrazine	11.04	200	186640	38.80	ng	93
69) Pentachlorophenol	11.13	266	121405	40.32	ng	96
70) Phenanthrene	11.35	178	933201	37.43	ng	99
71) Anthracene	11.40	178	952370	38.41	ng	100
72) Carbazole	11.55	167	795230	34.08	ng	99
73) Di-n-butylphthalate	11.90	149	999302	36.82	ng	99
74) Fluoranthene	12.54	202	1013149	40.08	ng	100
76) Benzidine	12.66	184	635051	43.55	ng	97
77) Pyrene	12.77	202	1066527	43.60	ng	99
79) Butylbenzylphthalate	13.39	149	458800	42.05	ng	94
80) Benzo(a)anthracene	13.94	228	756788	40.74	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	283828	40.64	ng	# 93
82) Chrysene	13.99	228	794032	43.20	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	530409	42.58	ng	99
84) Di-n-octyl phthalate	14.56	149	934559	44.16	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	537720	38.03	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	636767	36.69	ng	# 96
88) Benzo(k)fluoranthene	14.99	252	635783m	42.08	ng	
89) Benzo(a)pyrene	15.30	252	590948	40.22	ng	# 94
90) Dibenzo(a,h)anthracene	16.72	278	465336	37.93	ng	98
91) Benzo(g,h,i)perylene	17.11	276	470851	37.09	ng	99

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

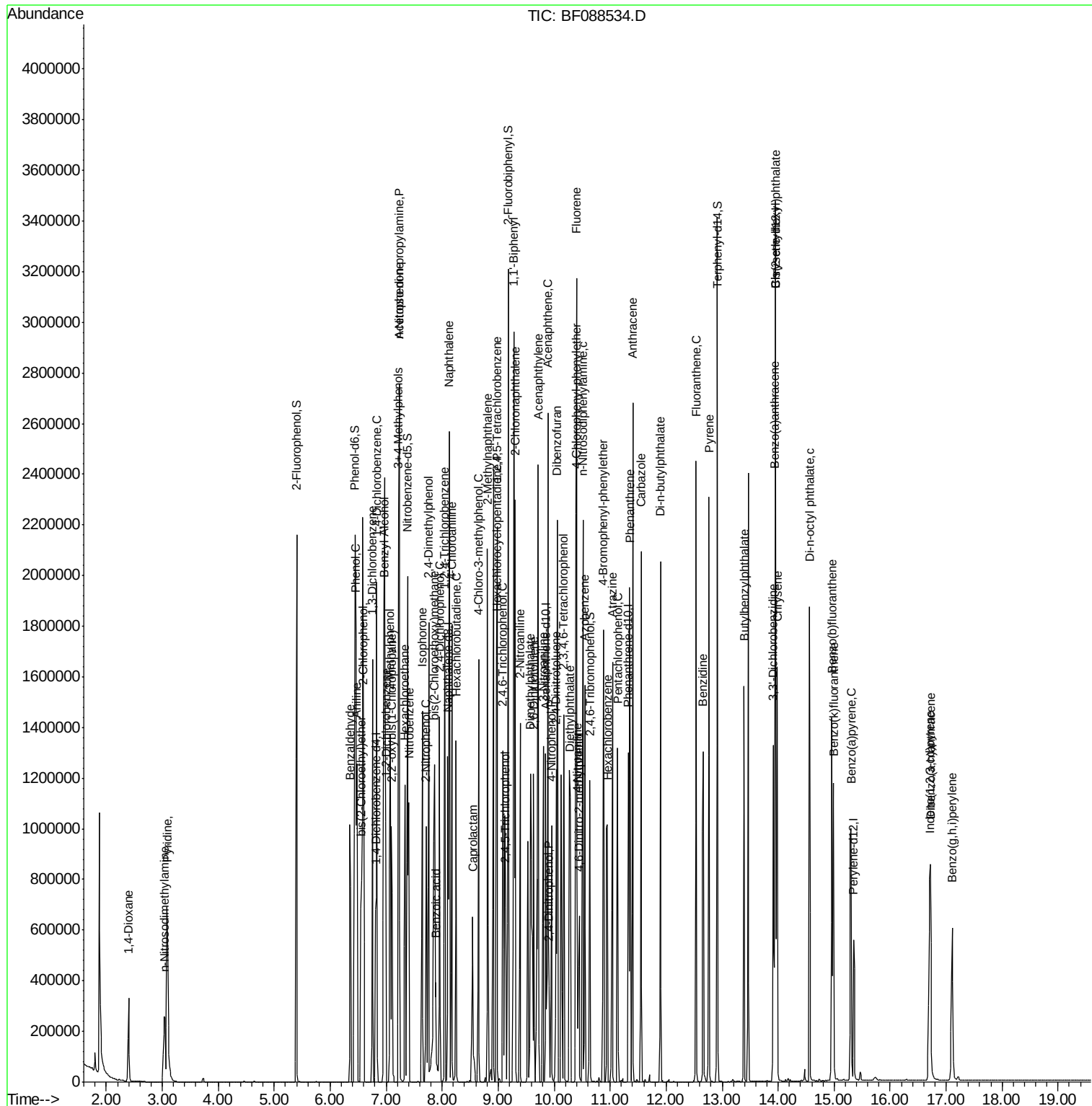
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Operator  : UM/SJ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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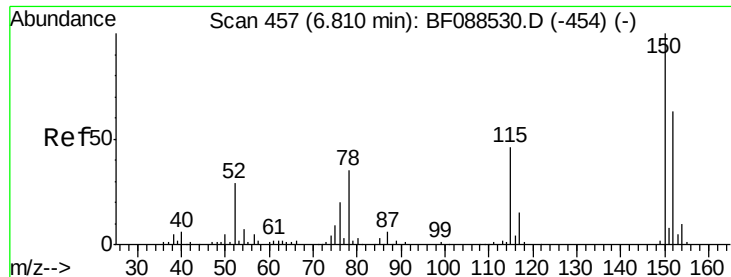
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion: 152 Resp: 126426

Ion Ratio Lower Upper

152 100

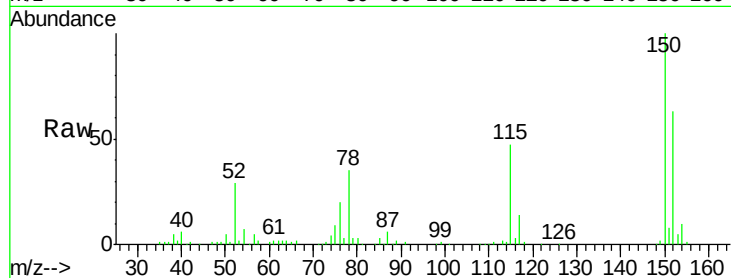
150 159.4 123.8 185.6

115 74.4 39.6 59.4#

Manual Integrations

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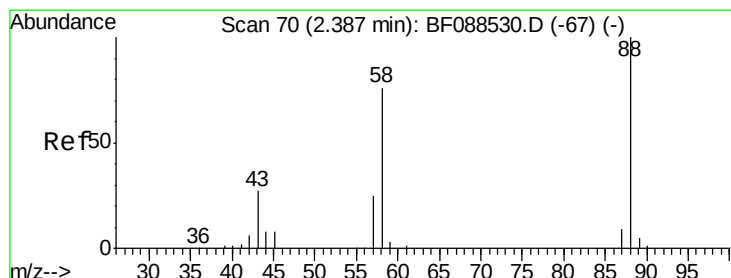
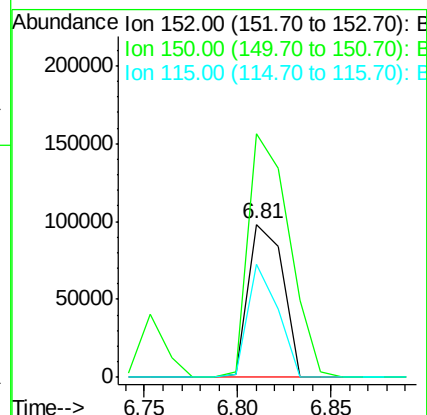
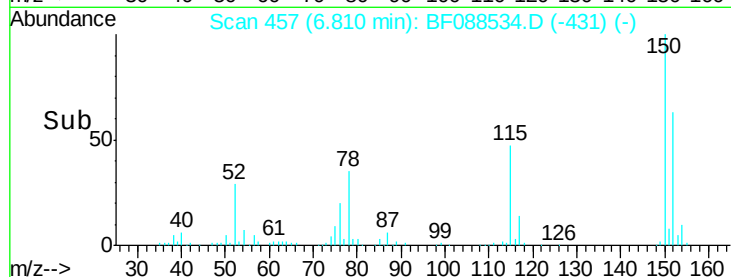
7/1/2016 8:06:59 AM



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: 38.54 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

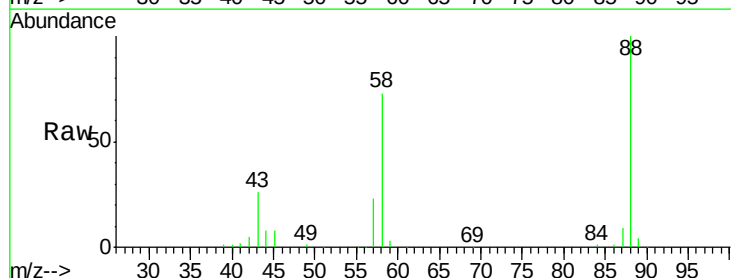
Tgt Ion: 88 Resp: 161185

Ion Ratio Lower Upper

88 100

58 73.4 0.0 0.0#

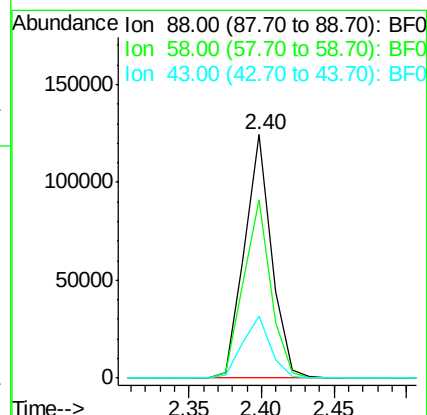
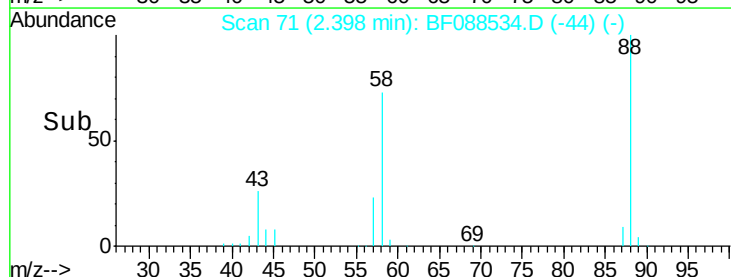
43 26.2 3.4 5.2#

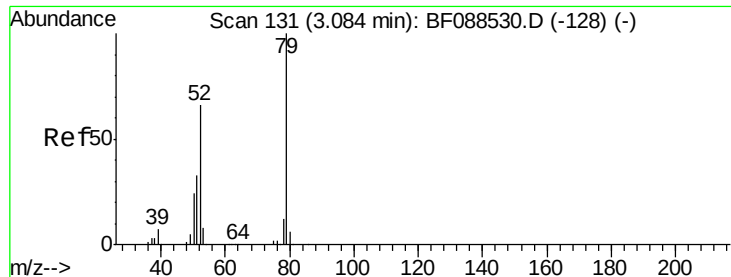


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.86 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion: 79 Resp: 471655

Ion Ratio Lower Upper

79 100

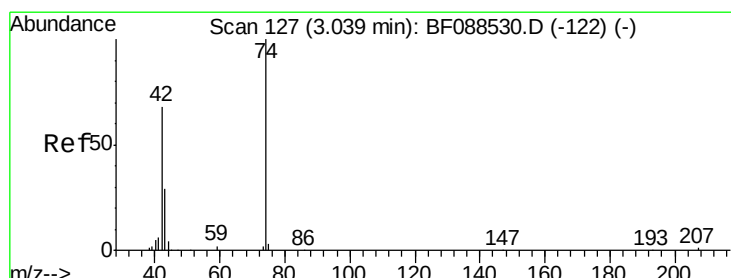
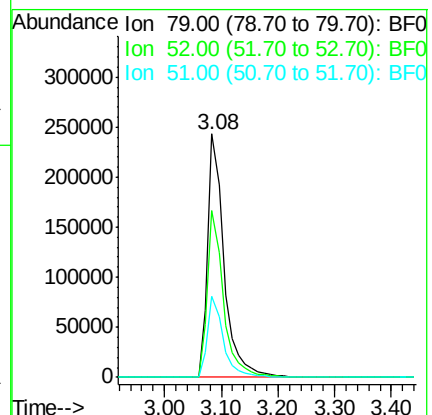
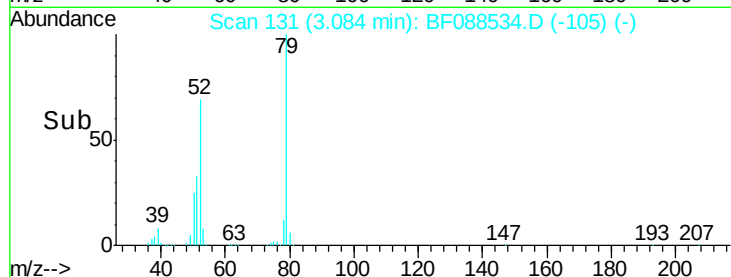
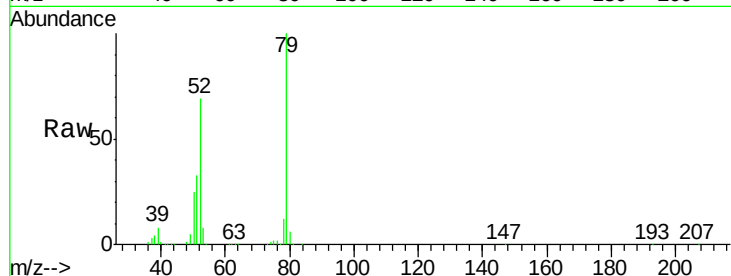
52 68.7 56.3 84.5

51 33.3 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 39.65 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

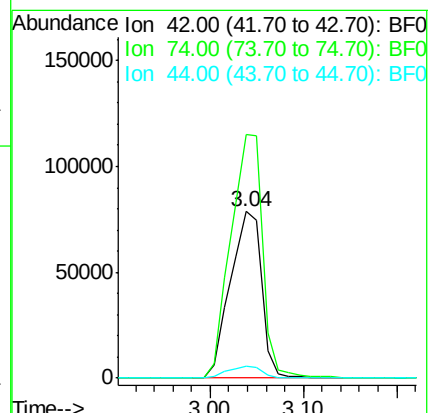
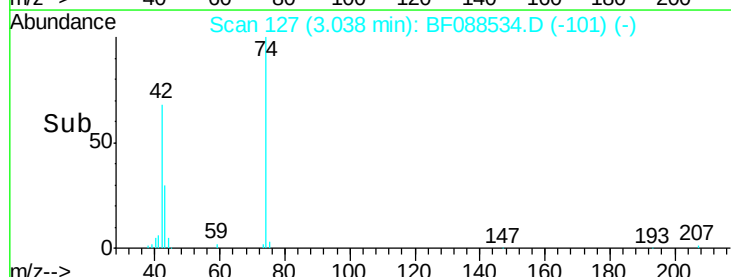
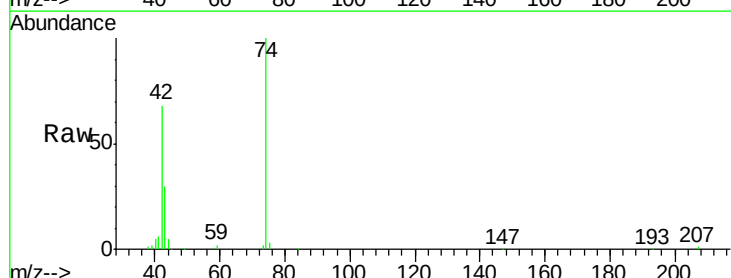
Tgt Ion: 42 Resp: 183850

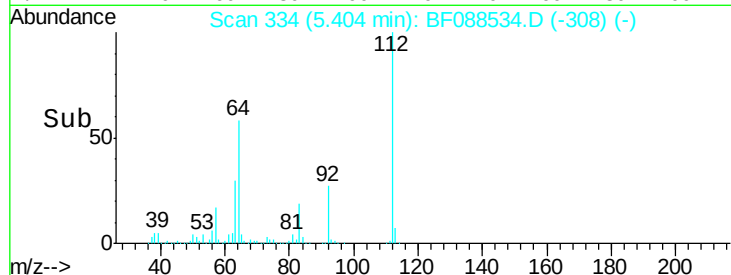
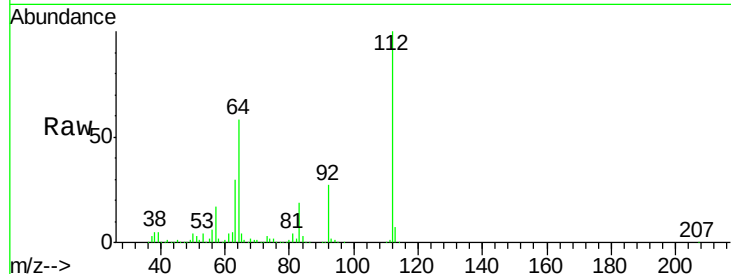
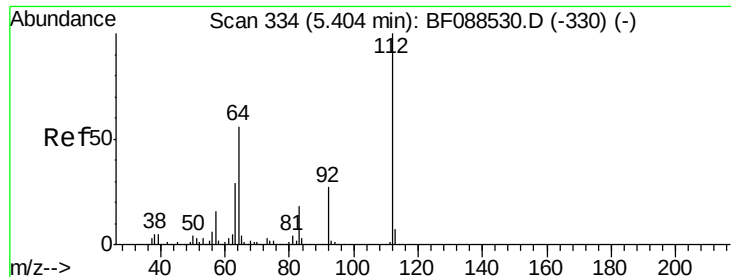
Ion Ratio Lower Upper

42 100

74 146.2 108.6 163.0

44 7.0 5.5 8.3





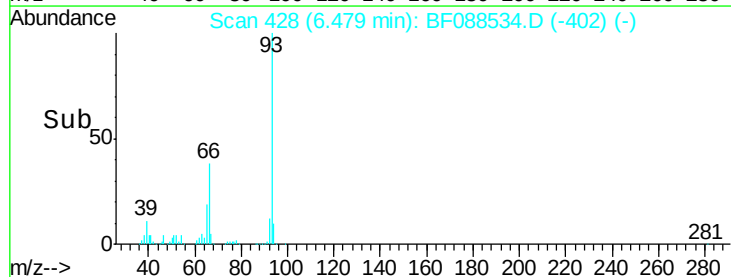
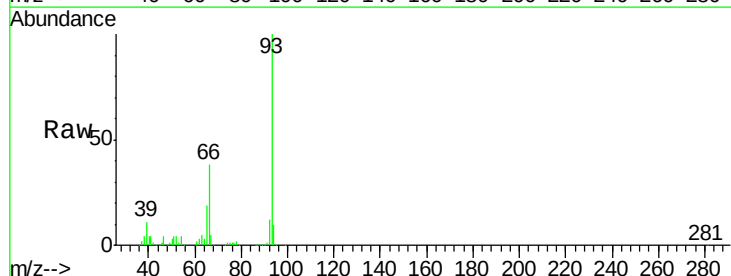
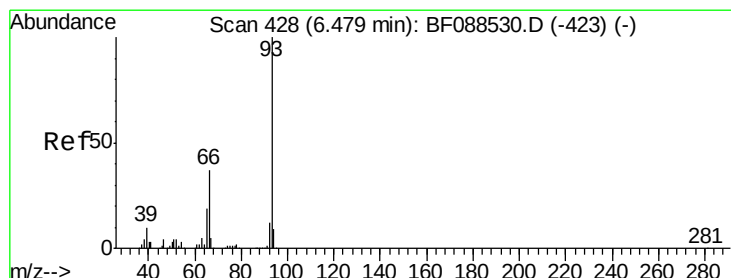
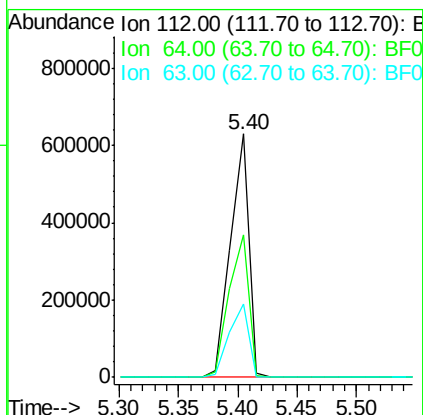
#5
2-Fluorophenol
Concen: 80.38 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:	112	Resp:	678045
Ion Ratio	Lower	Upper	
112	100		
64	58.4	42.2	63.2
63	29.9	21.8	32.8

Instrument :
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ClientSampleId :
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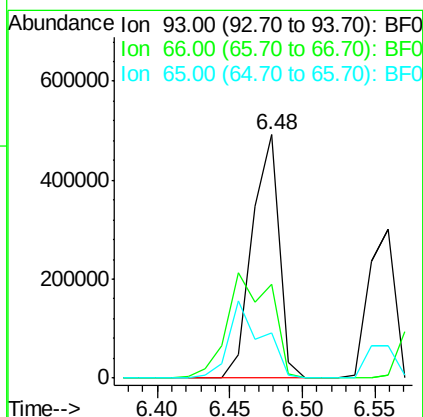
Manual Integrations

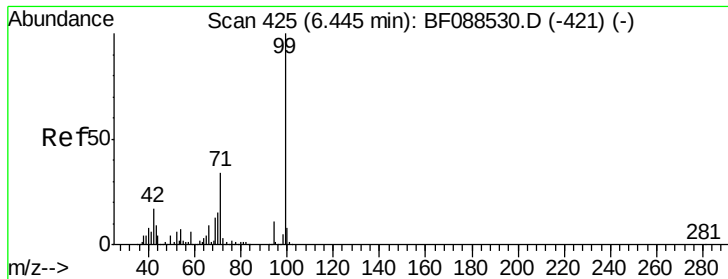
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#6
Aniline
Concen: 39.84 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:	93	Resp:	632879
Ion Ratio	Lower	Upper	
93	100		
66	38.3	29.8	44.8
65	18.8	14.9	22.3





#7

Phenol-d6

Concen: 74.31 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088534.D

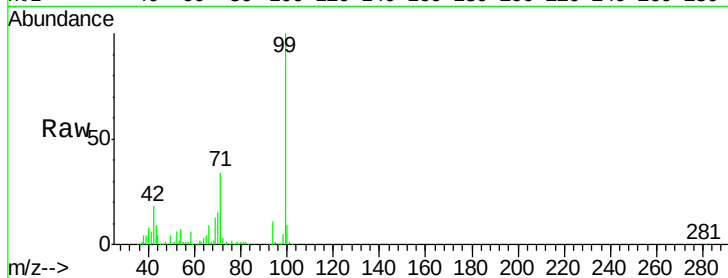
Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

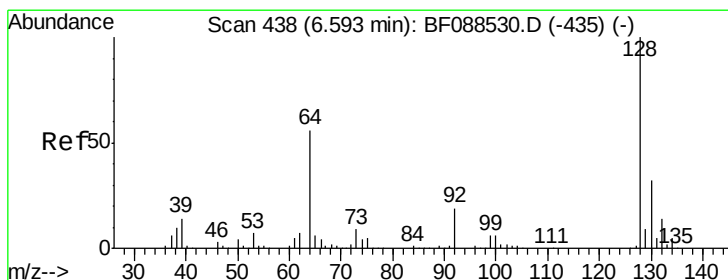
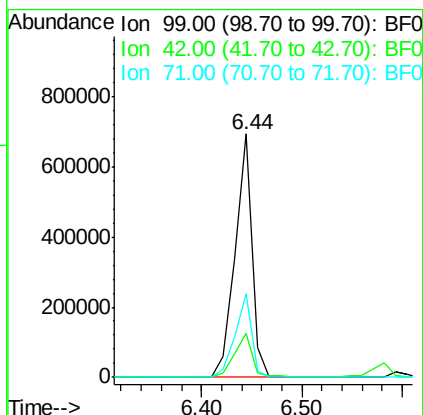
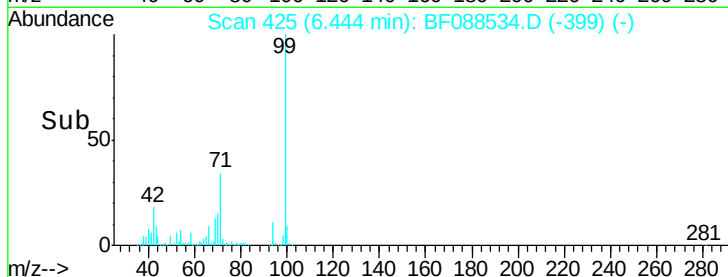


Tgt Ion:	99	Resp:	810010
Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	34.2	23.4	35.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.37 ng

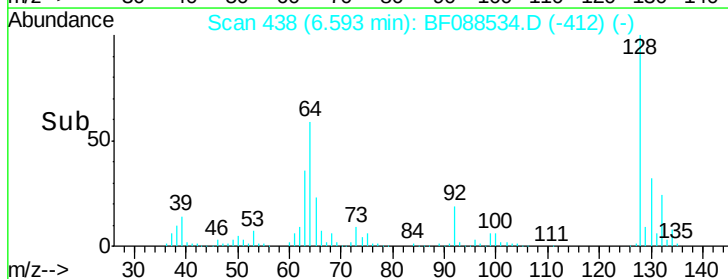
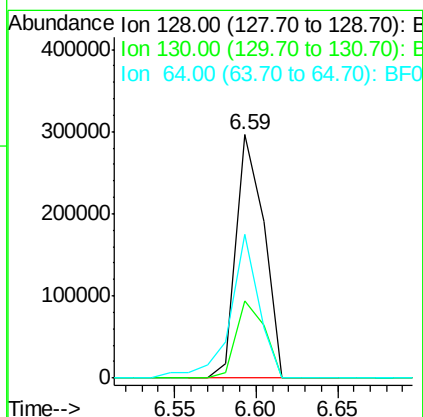
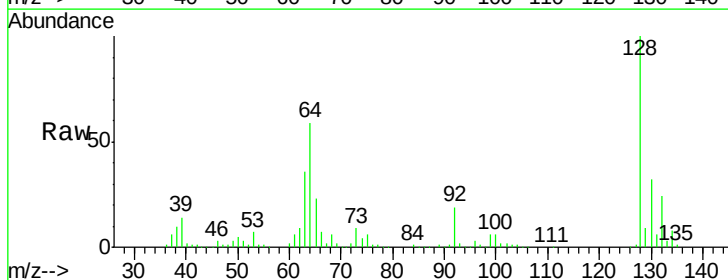
RT: 6.59 min Scan# 438

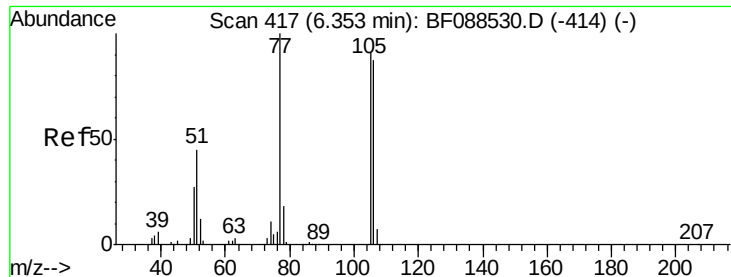
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:	128	Resp:	347867
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	58.9	30.8	70.8





#9

Benzaldehyde

Concen: 38.87 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088534.D

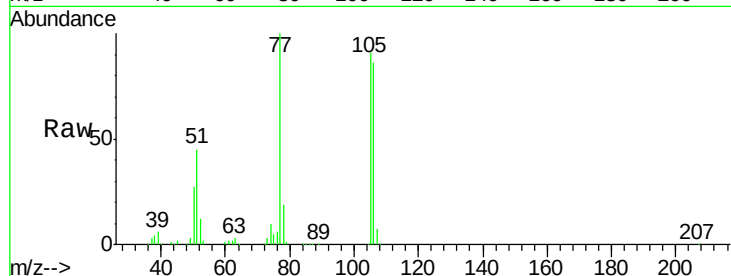
Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

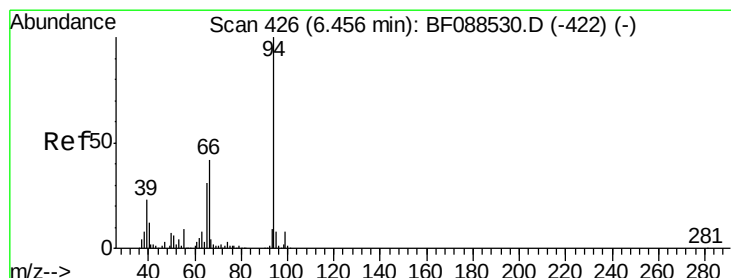
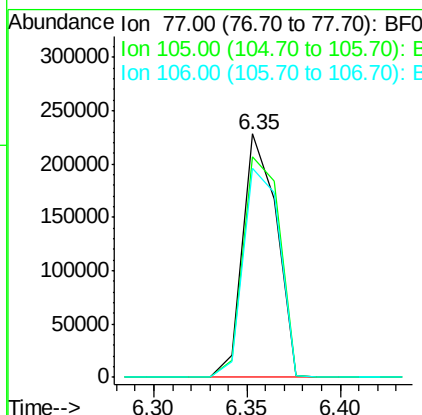
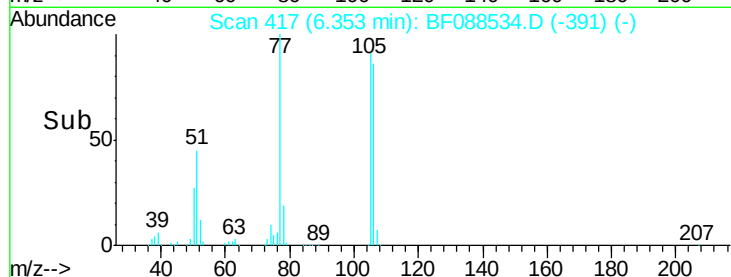


Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.6	90.6	130.6
106	85.9	85.3	125.3

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#10

Phenol

Concen: 38.00 ng

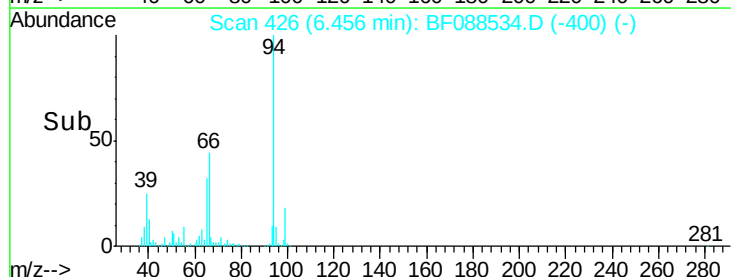
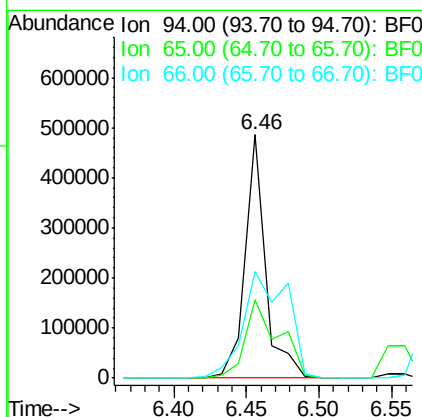
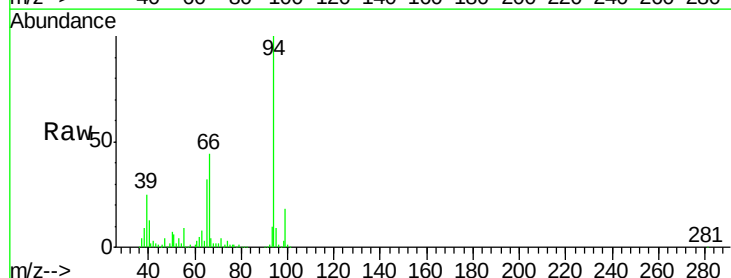
RT: 6.46 min Scan# 426

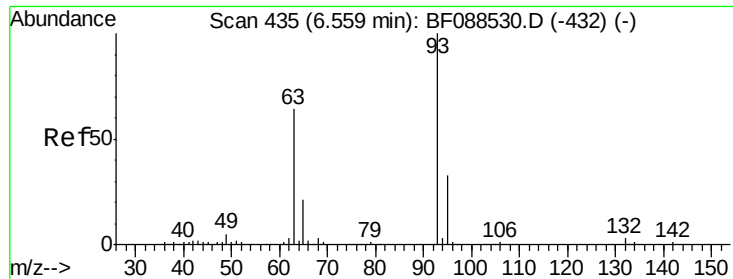
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	5.9	45.9
66	44.0	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion: 93 Resp: 372747

Ion Ratio Lower Upper

93 100

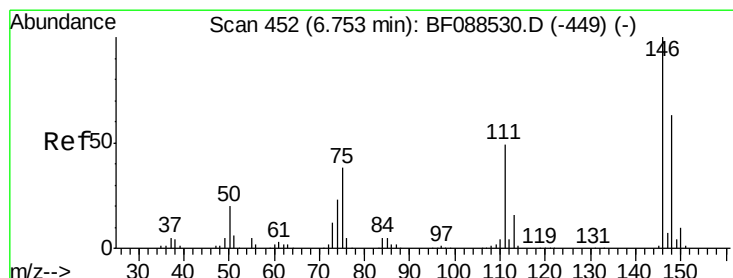
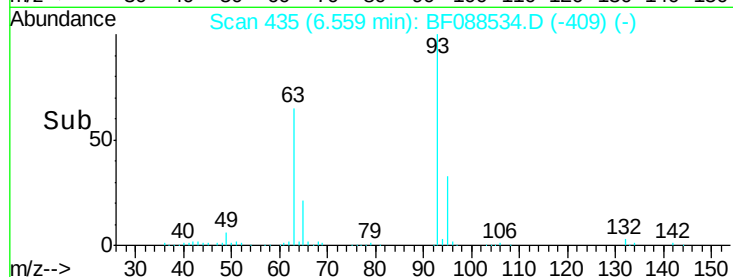
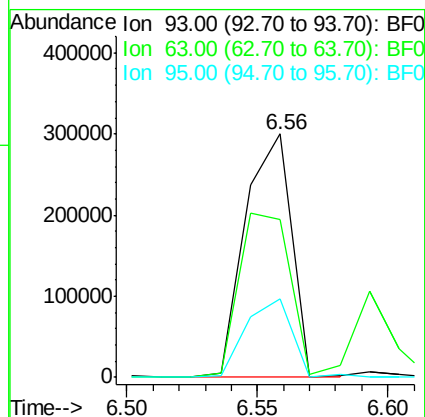
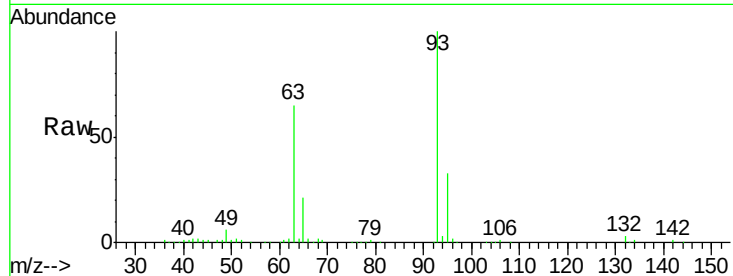
63 65.0 67.6 107.6#

95 32.5 12.5 52.5

Manual Integrations

SOHIL

7/1/2016 8:06:59 AM



#12

1,3-Dichlorobenzene

Concen: 36.56 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

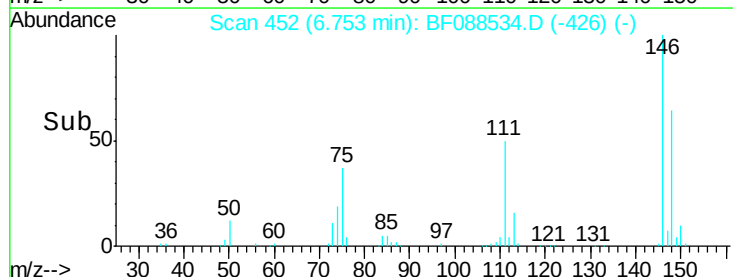
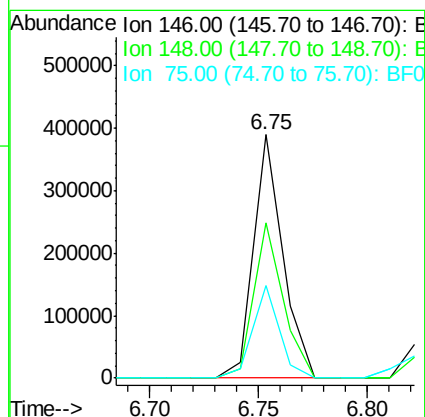
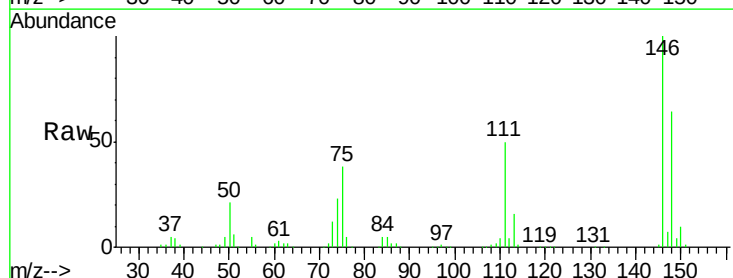
Tgt Ion: 146 Resp: 364726

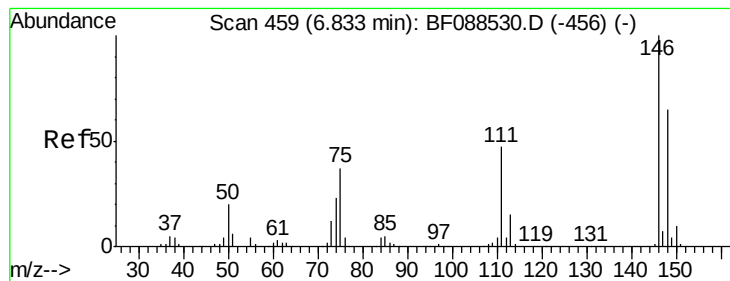
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 38.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 39.28 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

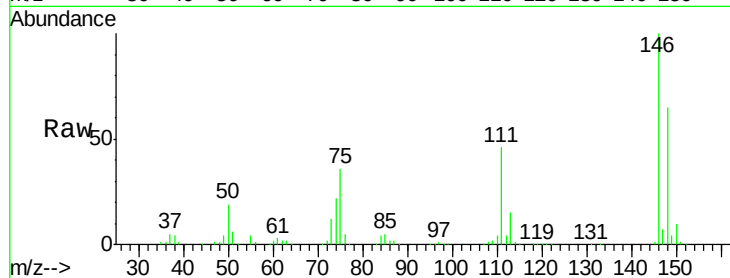
ICVBF063016

Tgt Ion:	146	Resp:	389020
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.0	78.0
111	46.2	33.8	50.8

Manual Integrations

SOHIL

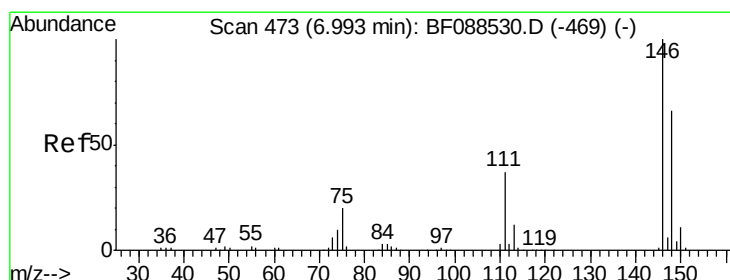
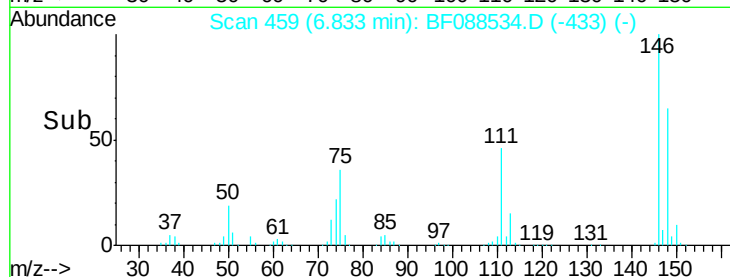
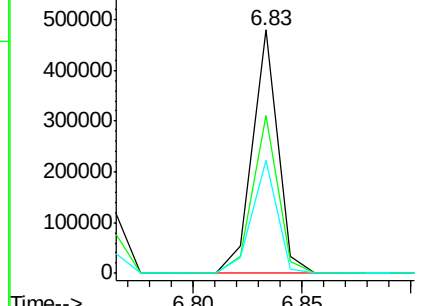
7/1/2016 8:06:59 AM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.06 ng

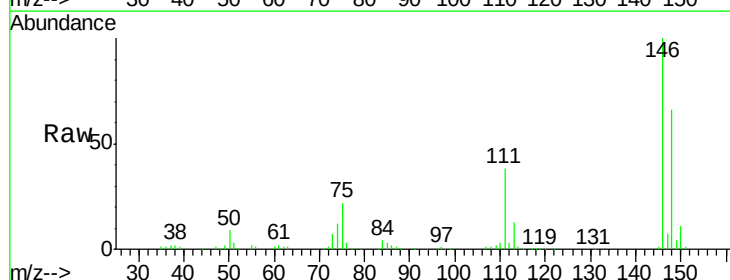
RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

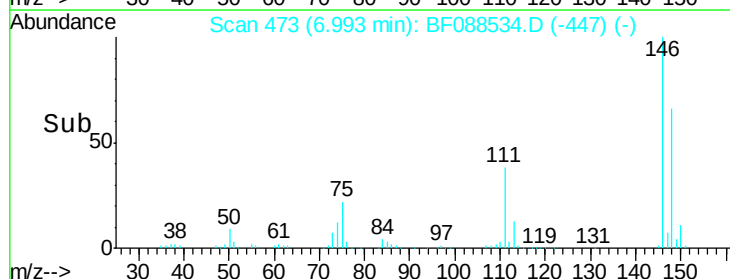
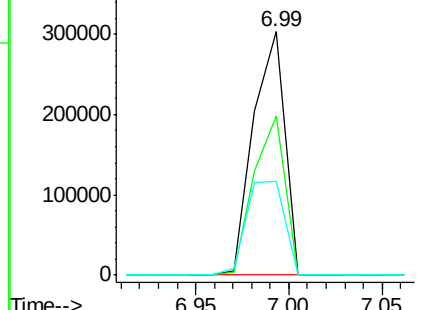
Tgt Ion:	146	Resp:	352777
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.3	78.5
111	38.4	28.7	43.1

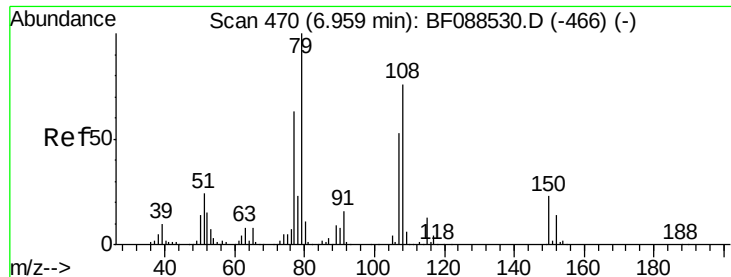


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.72 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion: 79 Resp: 334676

Ion Ratio Lower Upper

79 100

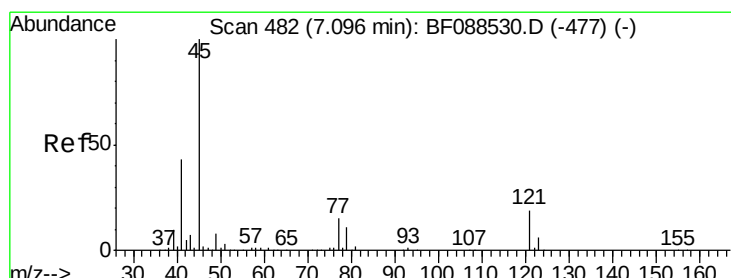
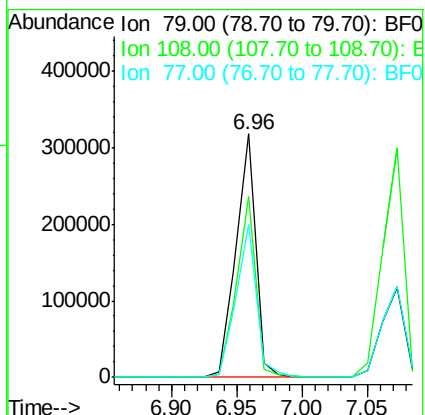
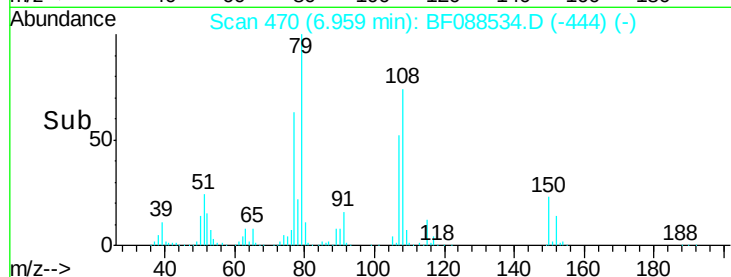
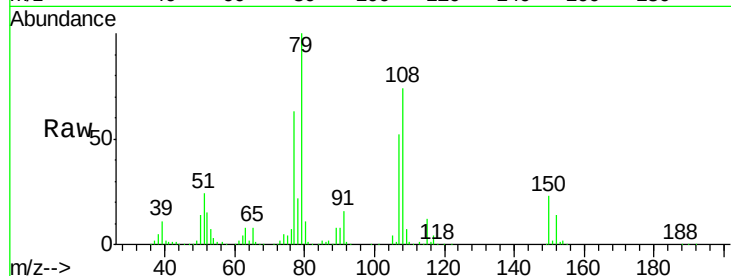
108 74.2 65.0 97.6

77 62.8 50.3 75.5

Manual Integrations

SOHIL

7/1/2016 8:06:59 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.72 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

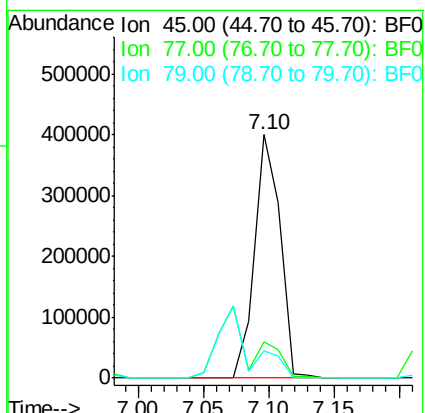
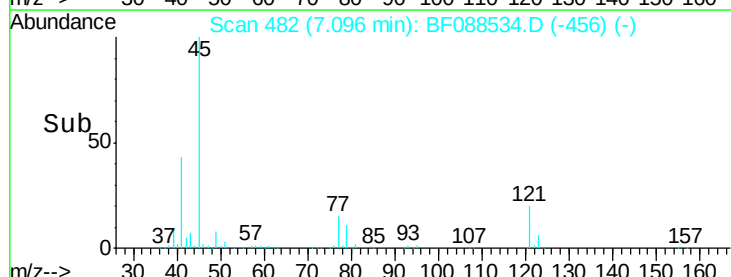
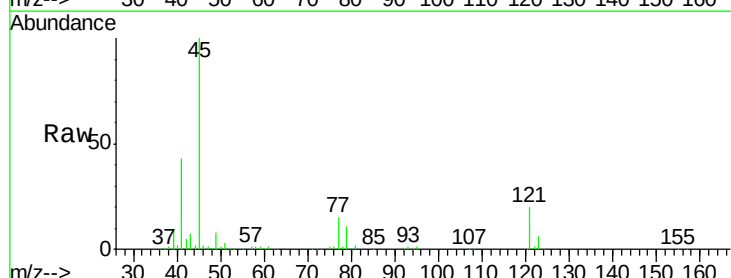
Tgt Ion: 45 Resp: 547017

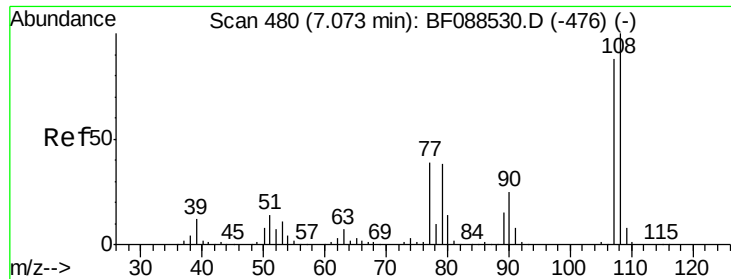
Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.5

79 11.0 0.0 29.5





#17

2-Methylphenol

Concen: 40.75 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088534.D

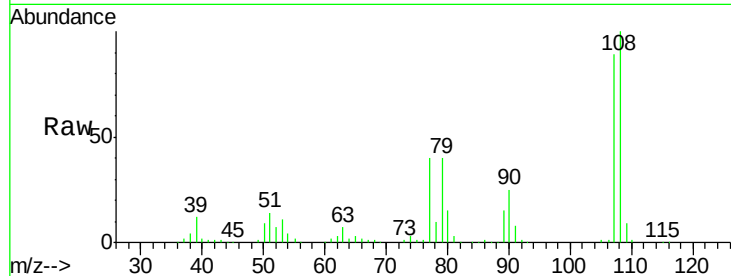
Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016



Tgt Ion:107 Resp: 301432

Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

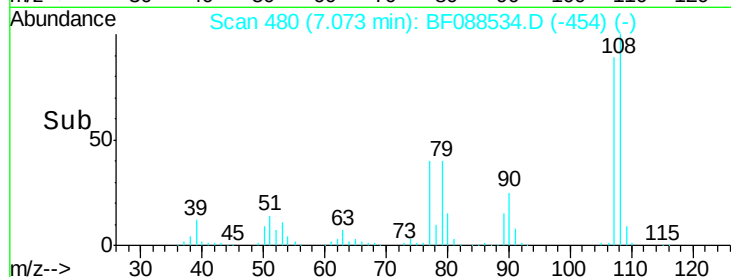
77 44.4 36.6 55.0

79 44.4 36.5 54.7

Manual Integrations

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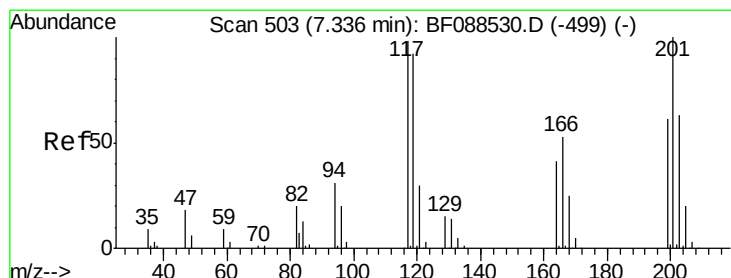
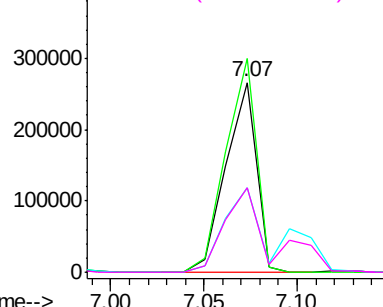


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.96 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

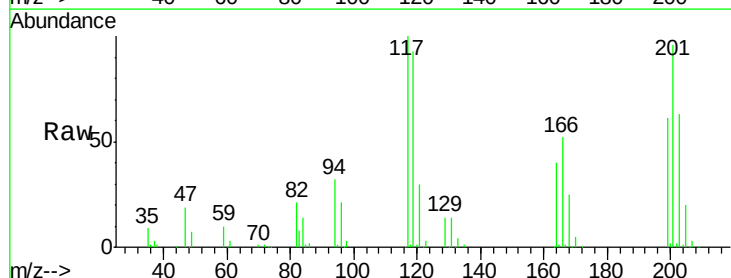
Tgt Ion:117 Resp: 156894

Ion Ratio Lower Upper

117 100

119 93.1 77.4 116.2

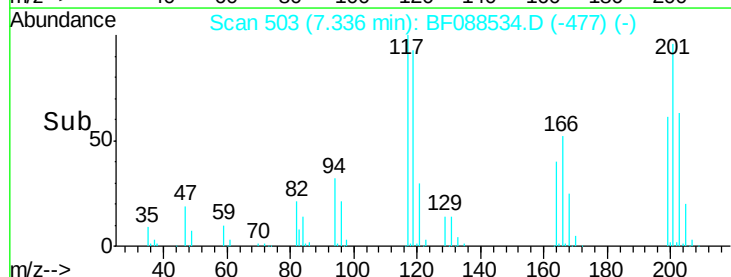
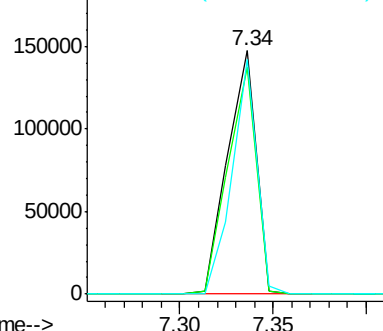
201 96.4 80.4 120.6

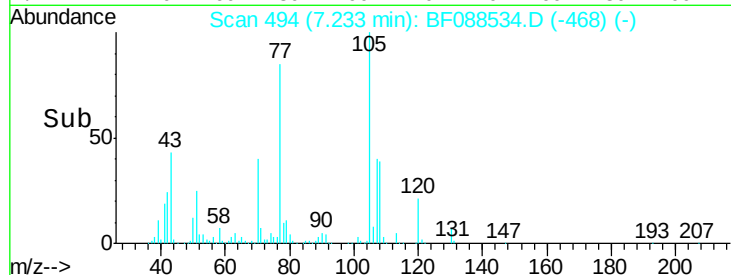
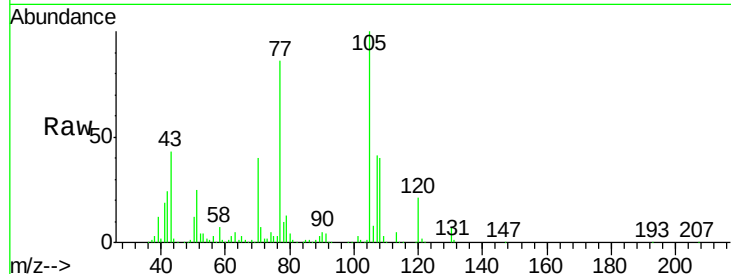
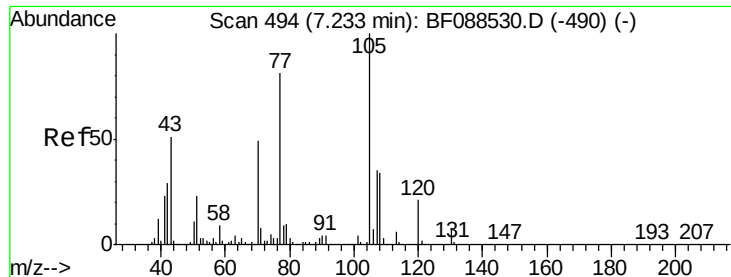


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





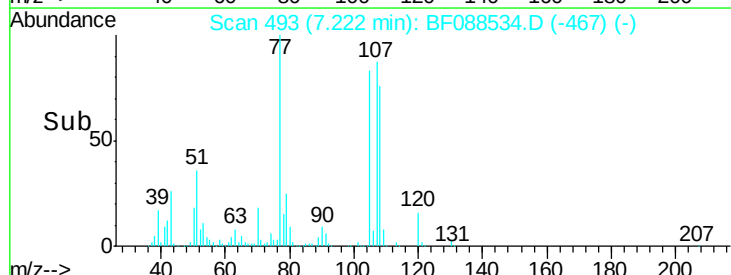
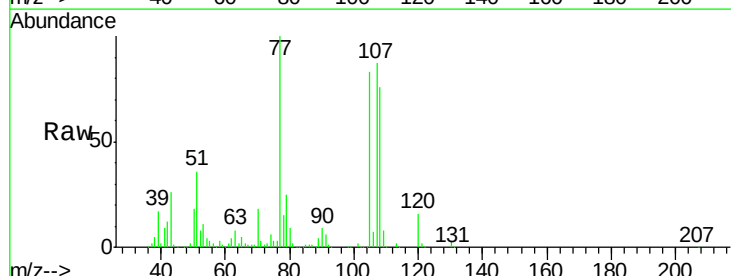
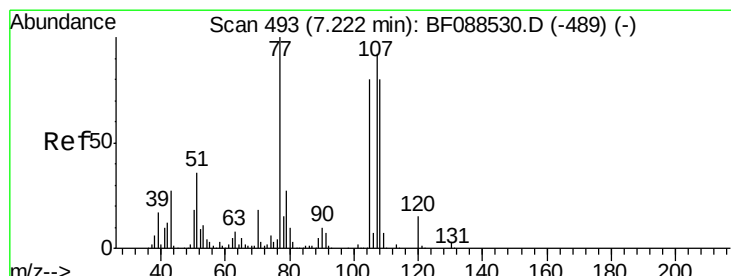
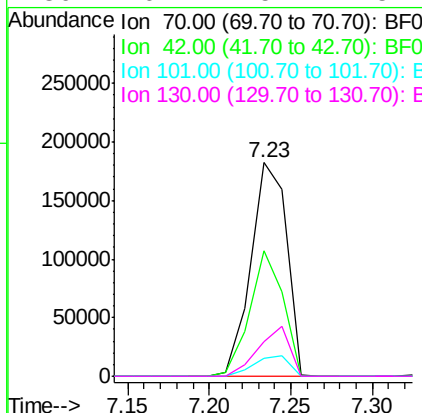
#19
n-Nitroso-di-n-propylamine
Concen: 37.93 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.6	74.4
101	8.3	7.1	10.7
130	16.4	15.4	23.2

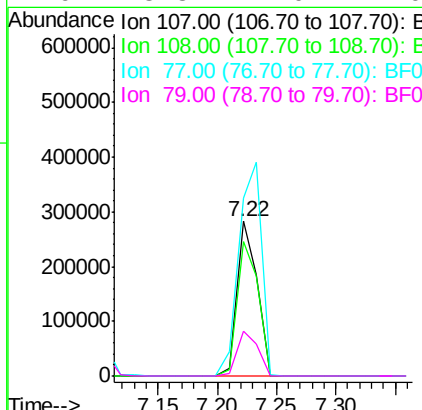
Manual Integrations

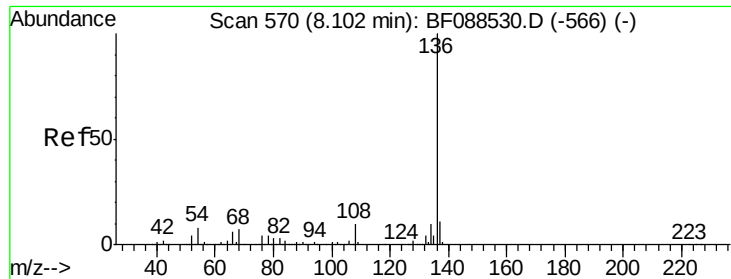
SOHIL
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#20
3+4-Methylphenols
Concen: 37.59 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.8	107.8
77	115.3	59.3	99.3#
79	28.8	7.0	47.0





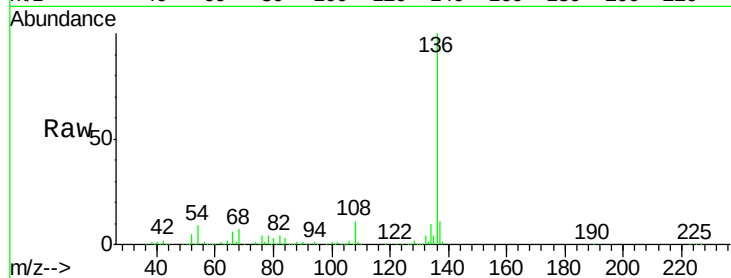
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

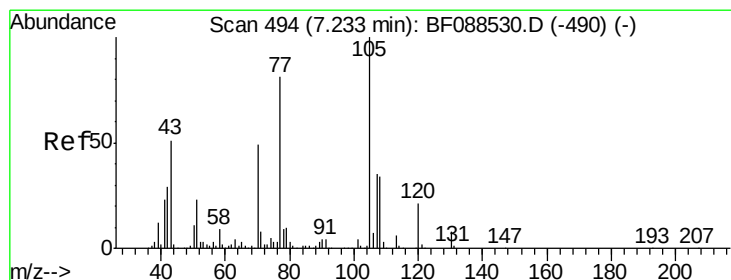
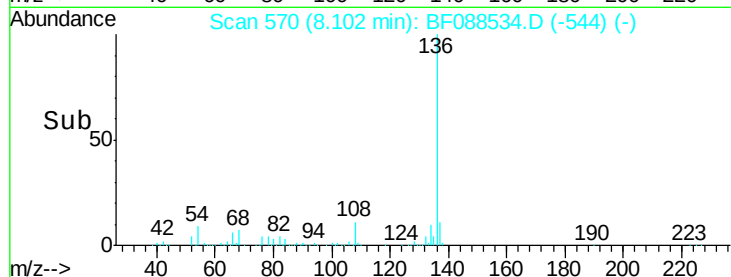
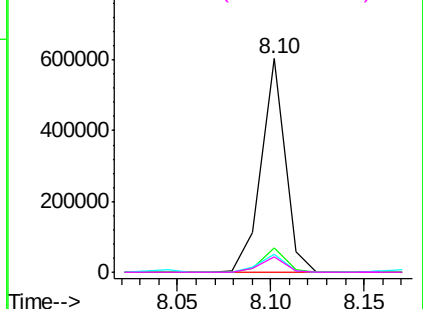
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	532070		
137	11.2	9.1	13.7	
54	8.5	6.6	10.0	
68	7.3	5.1	7.7	

Manual Integrations

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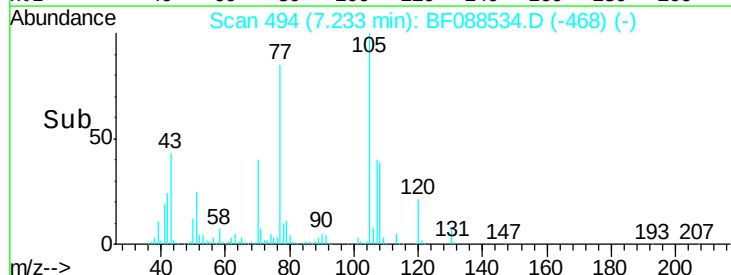
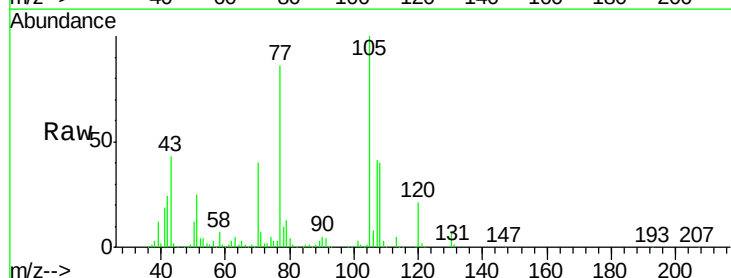
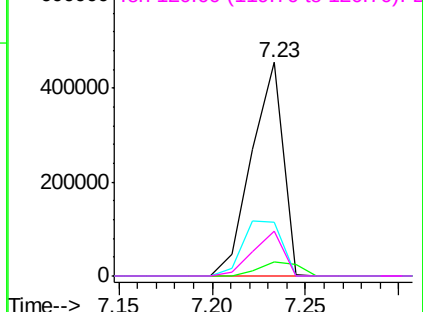
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

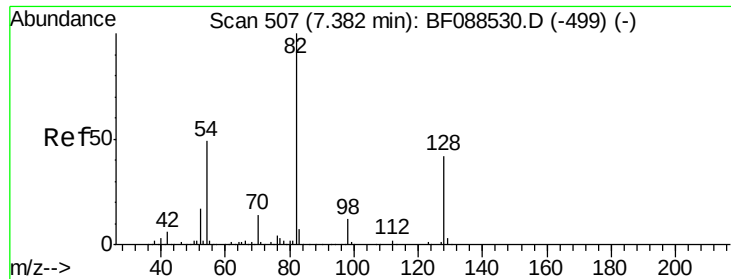


#22
Acetophenone
Concen: 41.04 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	529984		
71	6.6	5.3	7.9	
51	25.4	18.2	27.4	
120	20.9	18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





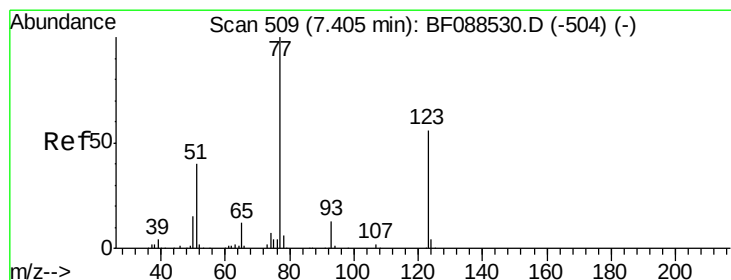
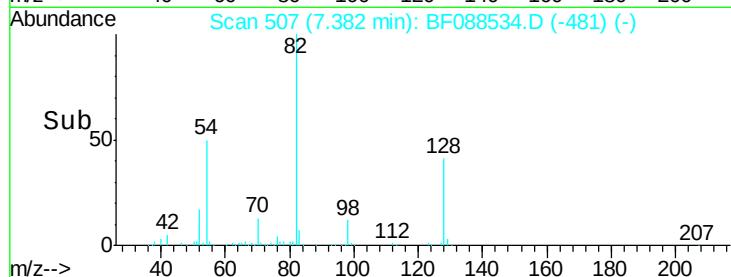
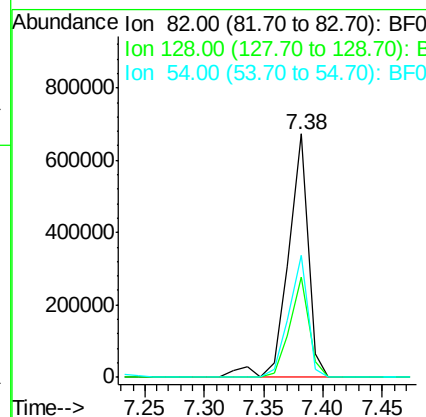
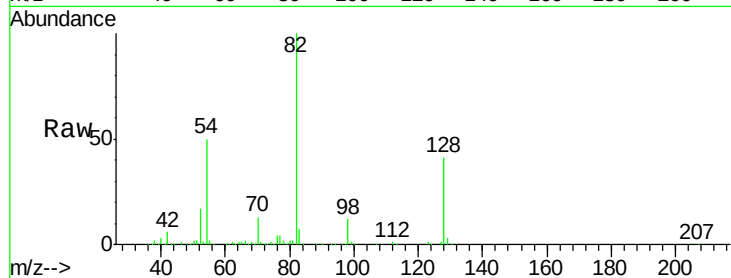
#23
 Nitrobenzene-d5
 Concen: 76.56 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.9	53.9
54	50.3	40.9	61.3

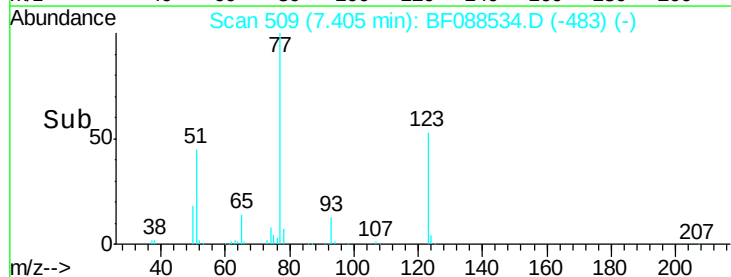
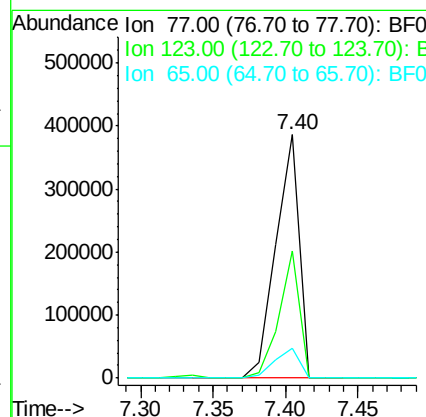
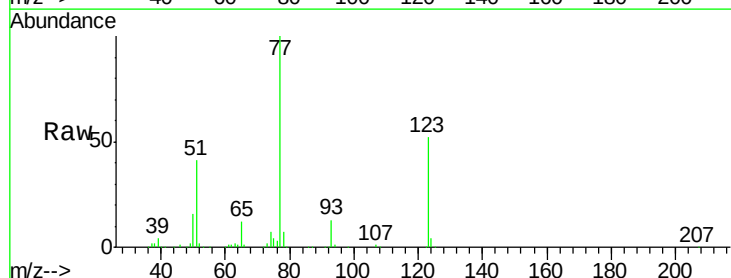
Manual Integrations

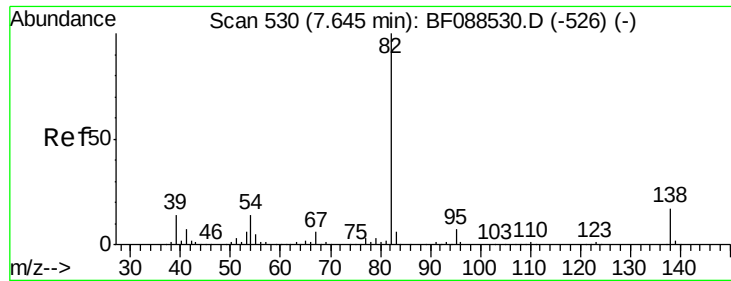
SOHIL
 7/1/2016 8:06:59 AM



#24
 Nitrobenzene
 Concen: 41.82 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	45.0	67.4
65	12.2	10.2	15.2





#25

Isophorone

Concen: 38.87 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

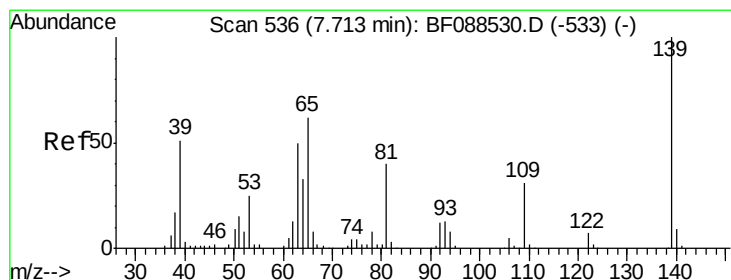
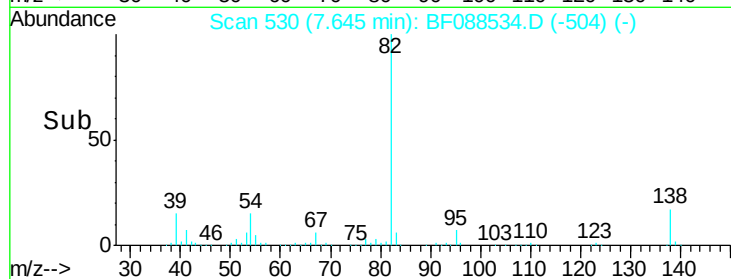
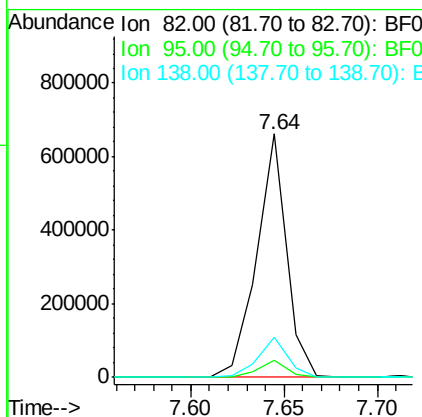
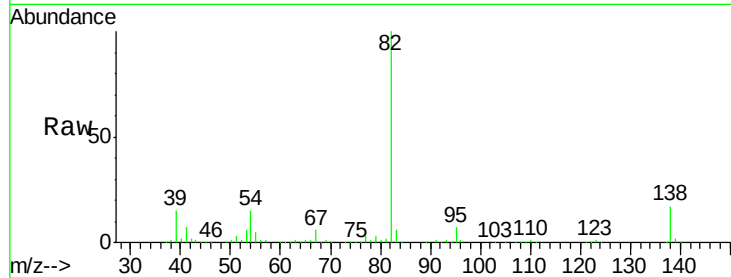
ICVBF063016

Tgt Ion:	82	Resp:	731009
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	16.6	14.6	21.8

Manual Integrations

SOHIL

7/1/2016 8:06:59 AM



#26

2-Nitrophenol

Concen: 38.30 ng

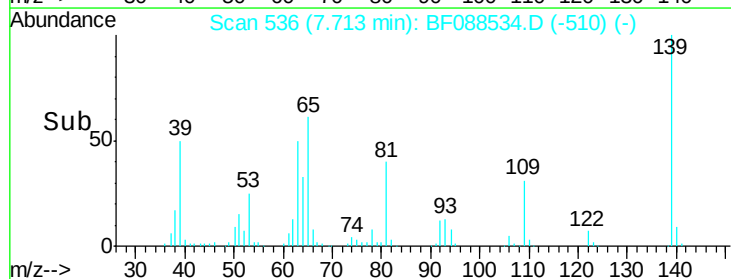
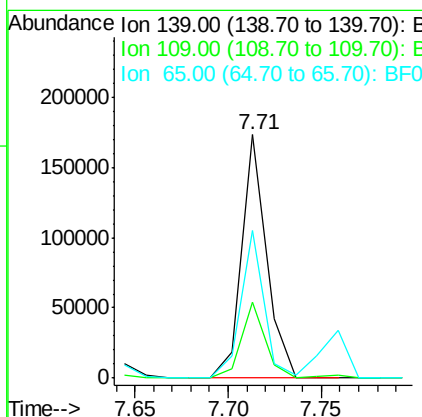
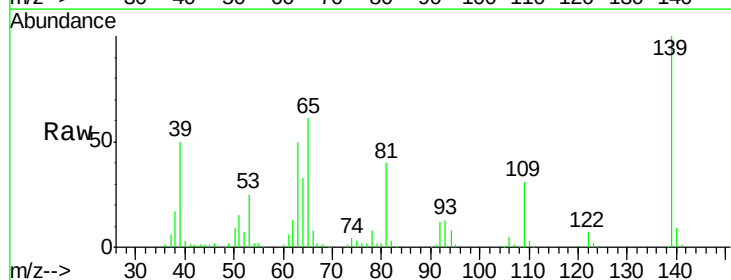
RT: 7.71 min Scan# 536

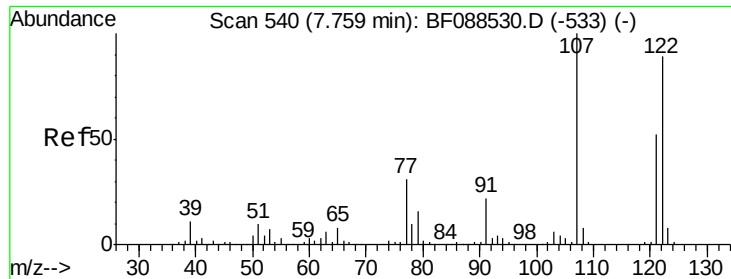
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:	139	Resp:	160760
Ion Ratio	Lower	Upper	
139	100		
109	31.2	23.0	34.4
65	60.5	45.8	68.8





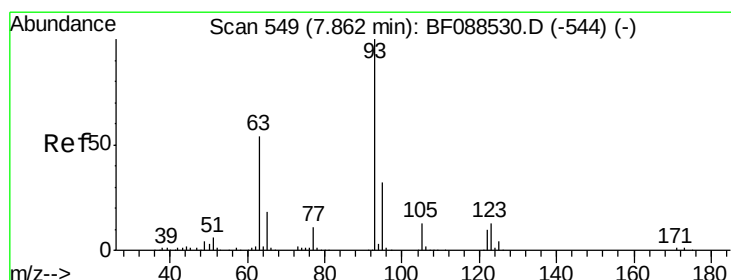
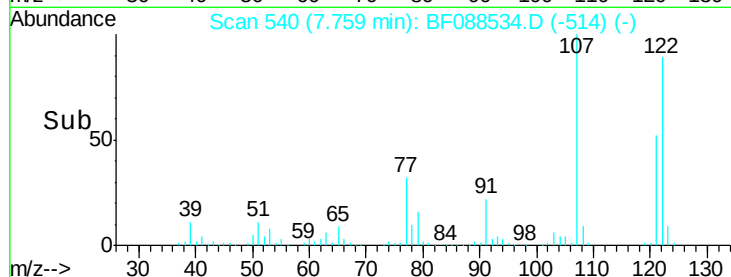
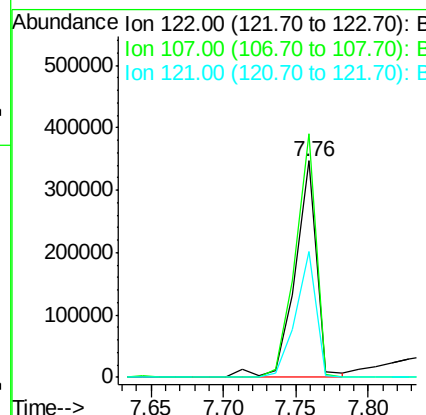
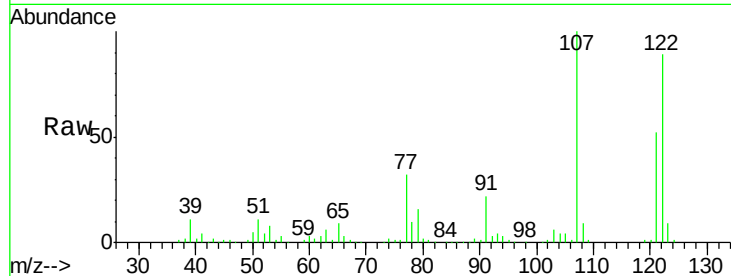
#27
2,4-Dimethylphenol
Concen: 40.95 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.4	82.4	123.6
121	58.3	46.3	69.5

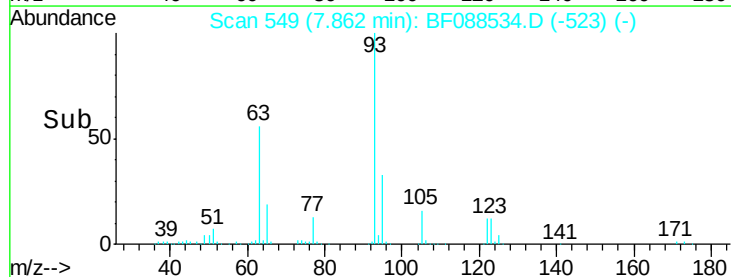
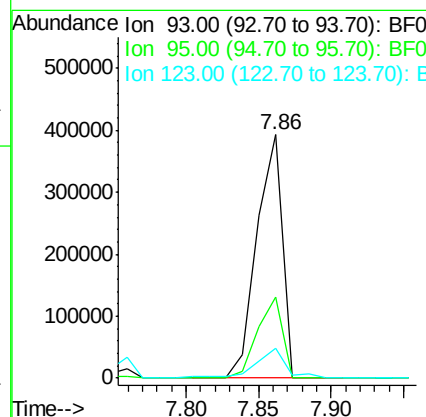
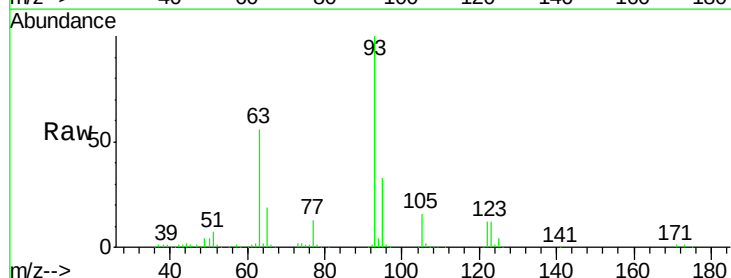
Manual Integrations

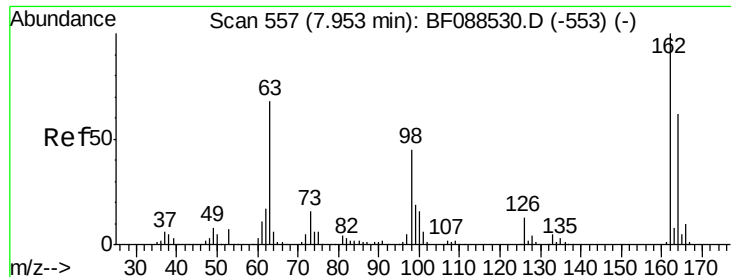
SOHIL
7/1/2016 8:06:59 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.01 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	12.5	11.6	17.4





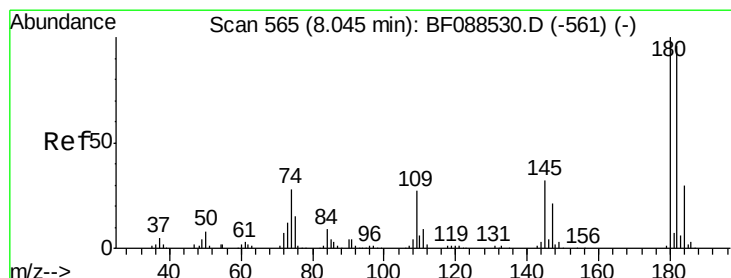
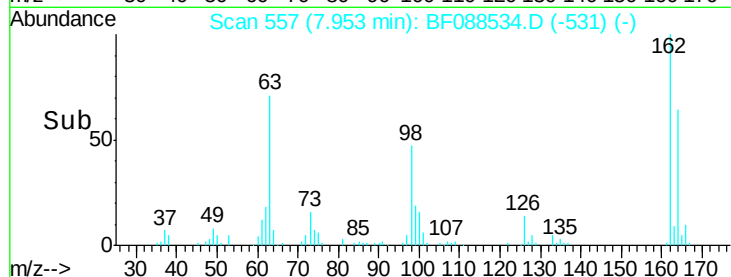
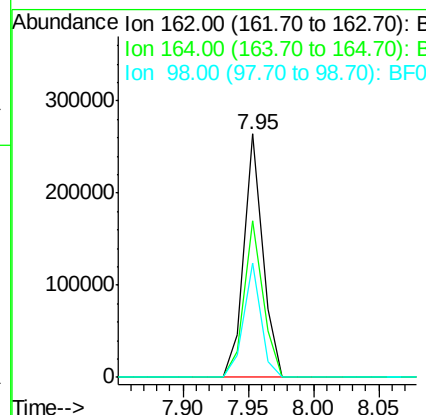
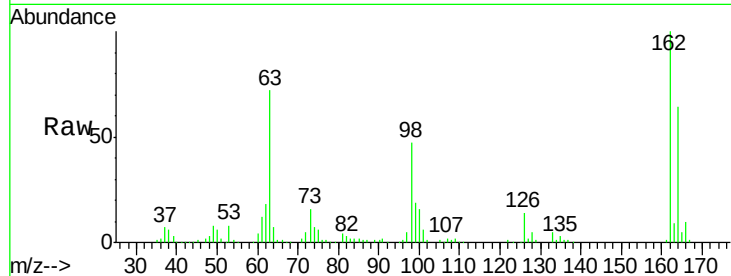
#29
 2,4-Dichlorophenol
 Concen: 37.61 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	265763		
164	64.2	43.8	83.8	
98	47.2	21.3	61.3	

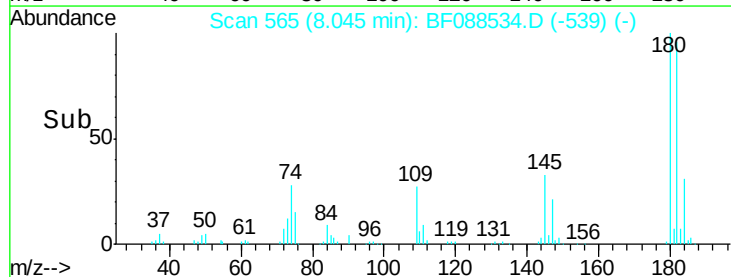
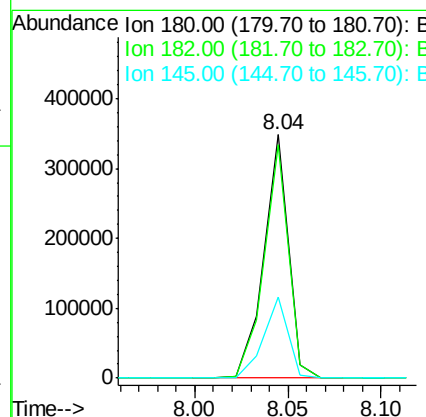
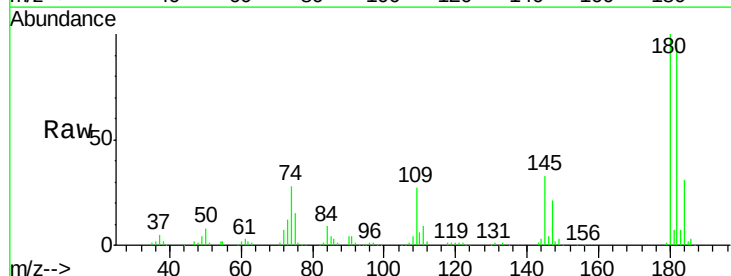
Manual Integrations

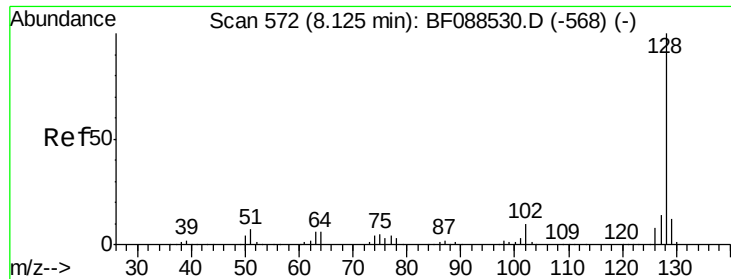
APPROVED
 SOHIL
 7/1/2016 8:06:59 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.50 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	314083		
182	96.1	76.0	114.0	
145	33.2	26.5	39.7	





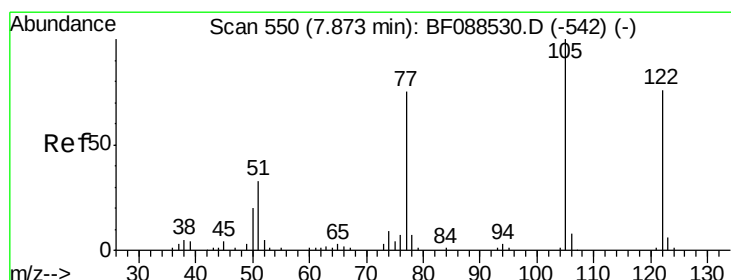
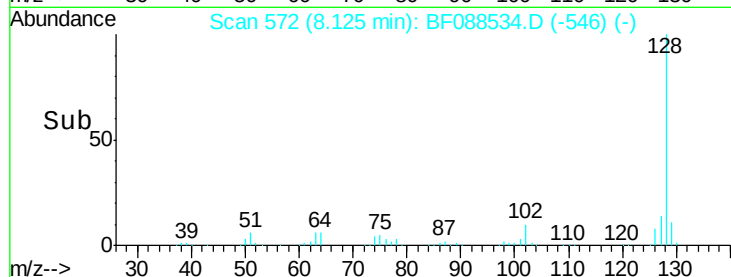
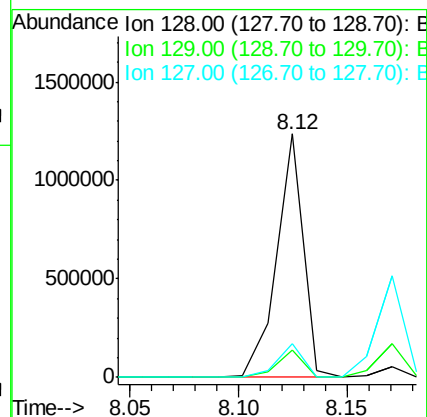
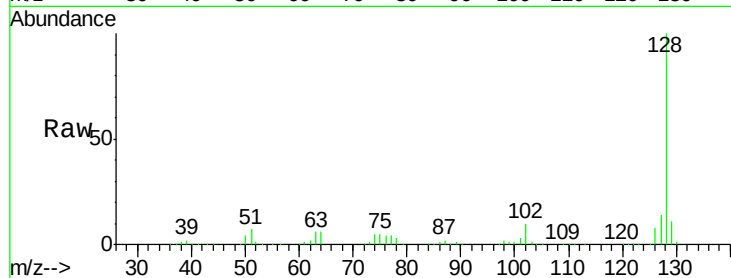
#31
Naphthalene
Concen: 40.62 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion:128 Resp: 1065421
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 10.9 16.3

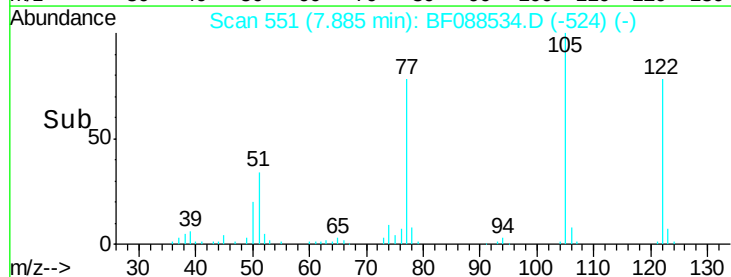
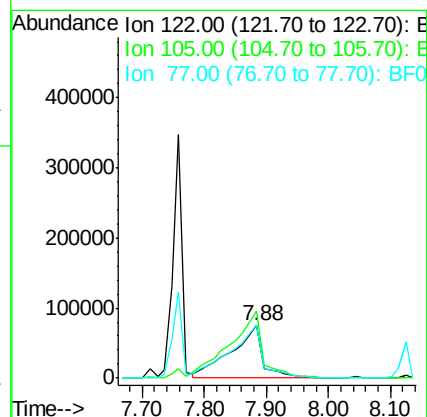
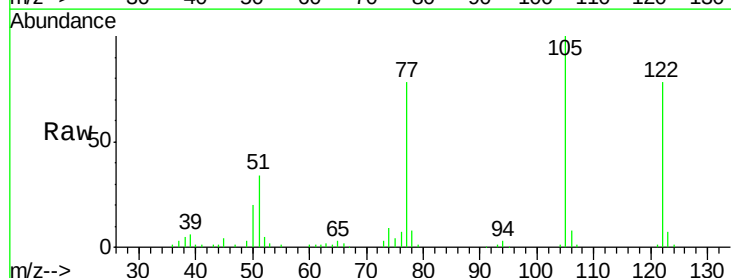
Manual Integrations

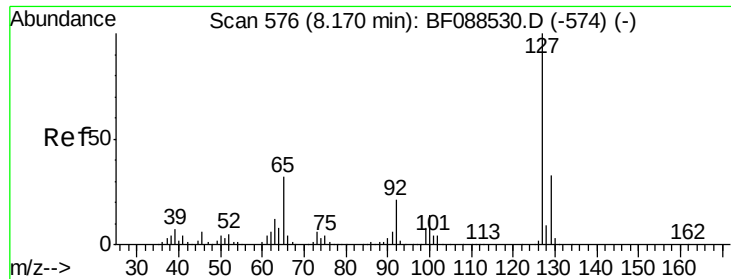
APPROVED
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#32
Benzoic acid
Concen: 41.73 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:122 Resp: 264876
Ion Ratio Lower Upper
122 100
105 128.9 101.6 141.6
77 100.1 70.6 110.6





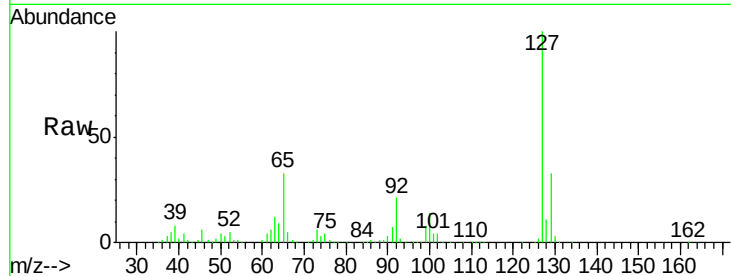
#33
4-Chloroaniline
Concen: 38.67 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

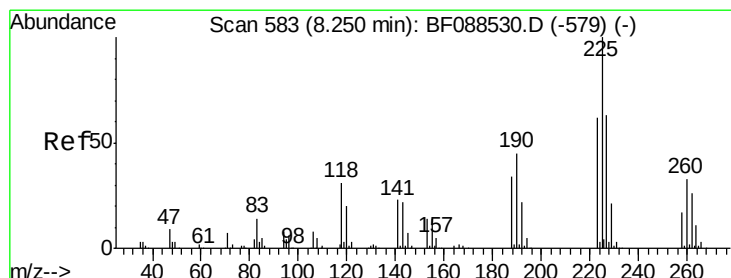
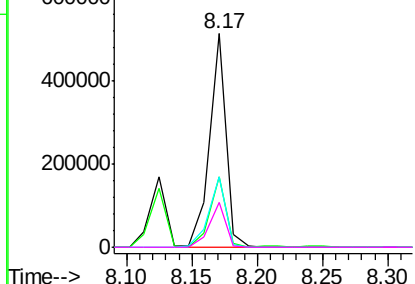
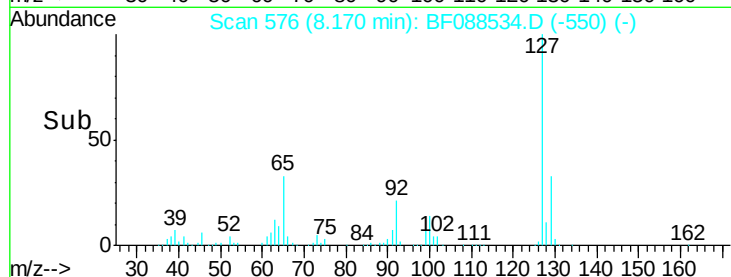
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	451324		
129	33.1	26.3	39.5	
65	33.1	24.7	37.1	
92	21.1	15.4	23.0	

Manual Integrations

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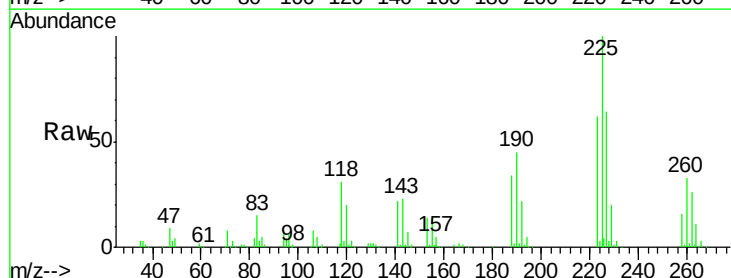


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

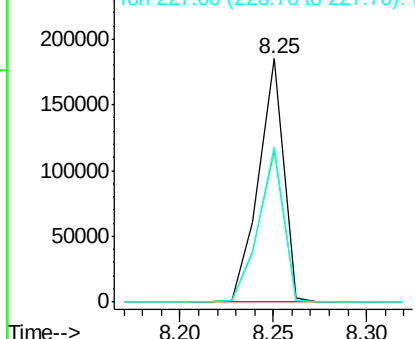
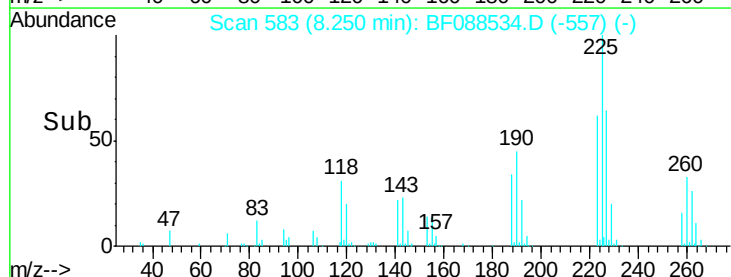


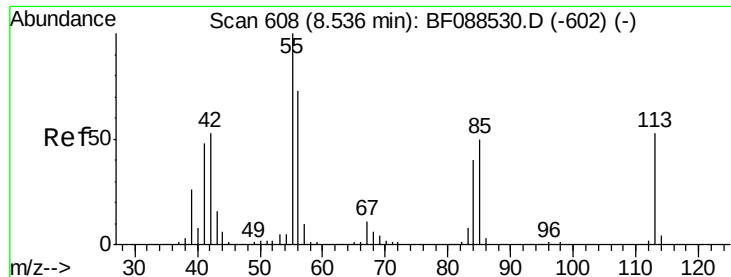
#34
Hexachlorobutadiene
Concen: 41.21 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171103		
223	62.4	50.9	76.3	
227	63.9	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
250000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





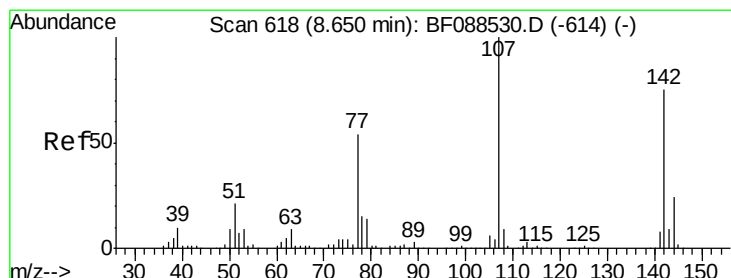
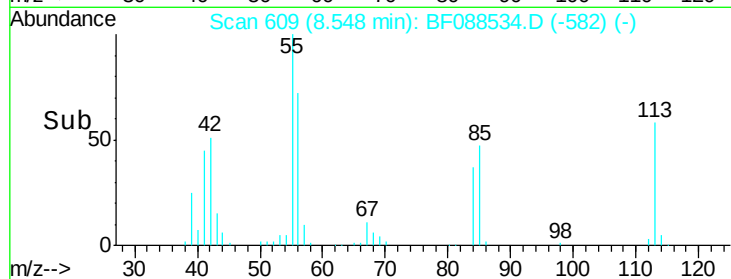
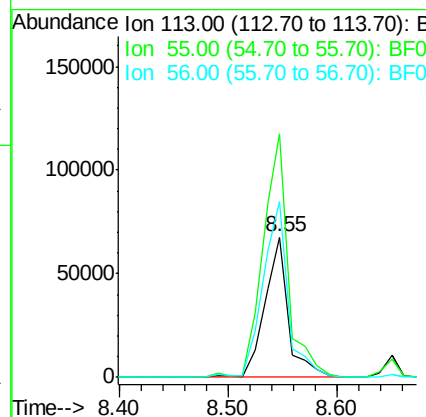
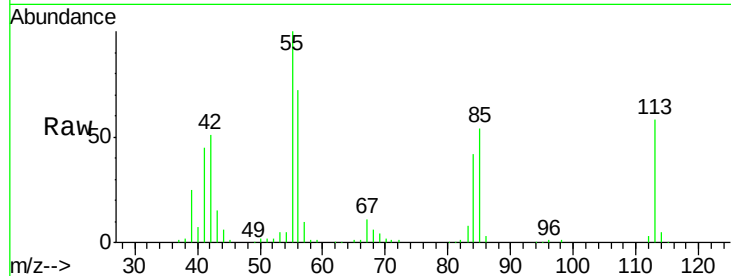
#35
 Caprolactam
 Concen: 42.67 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion:113 Resp: 102406
 Ion Ratio Lower Upper
 113 100
 55 173.5 158.6 198.6
 56 125.0 110.6 150.6

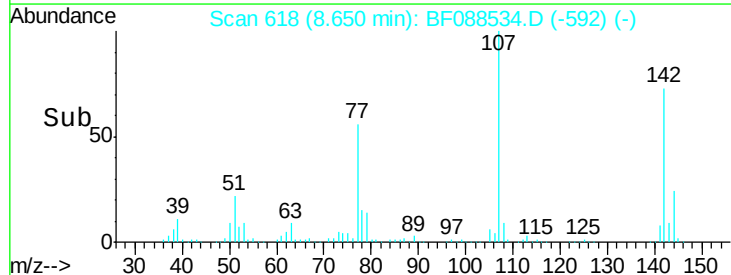
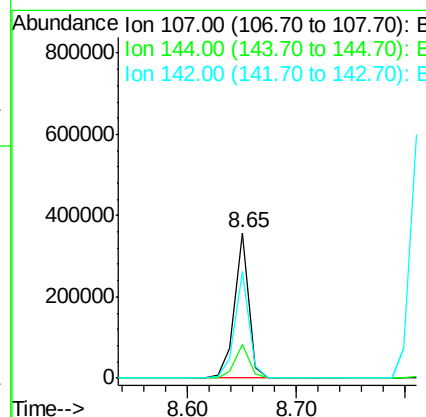
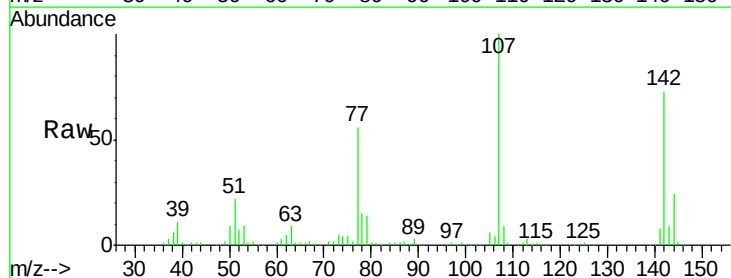
Manual Integrations

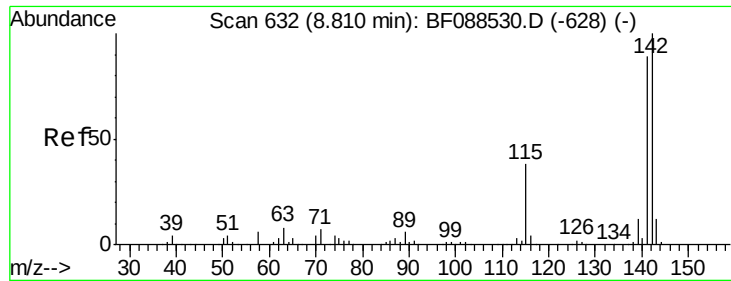
SOHIL
 7/1/2016 8:06:59 AM



#36
 4-Chloro-3-methylphenol
 Concen: 38.34 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:107 Resp: 320384
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.8 31.2
 142 73.2 63.4 95.2





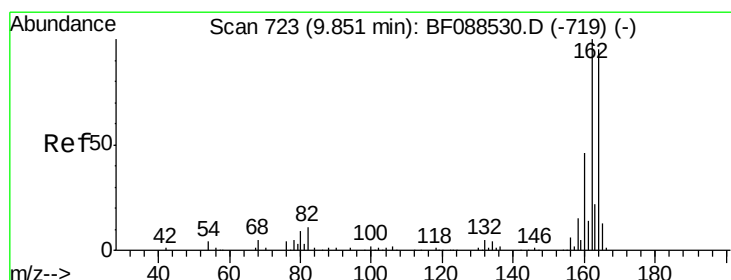
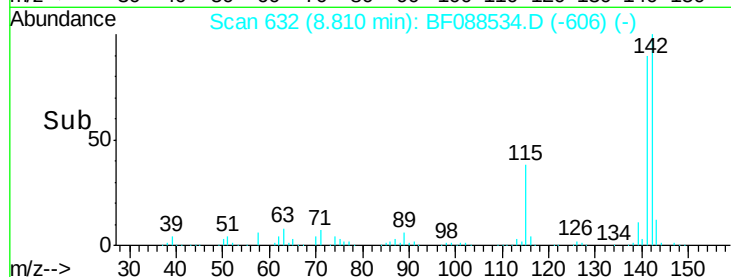
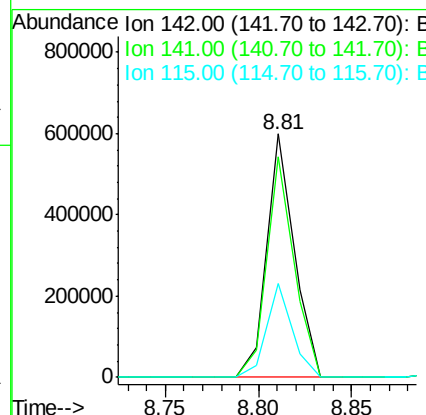
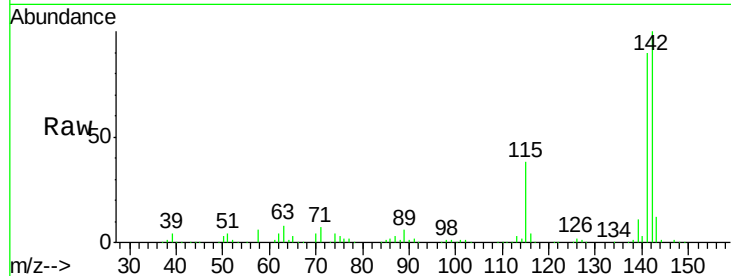
#37
2-Methylnaphthalene
Concen: 36.18 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	38.3	22.6	33.8

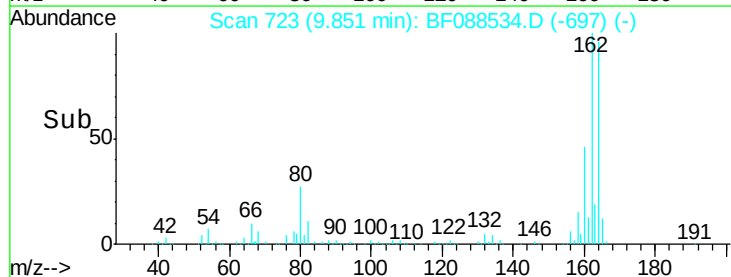
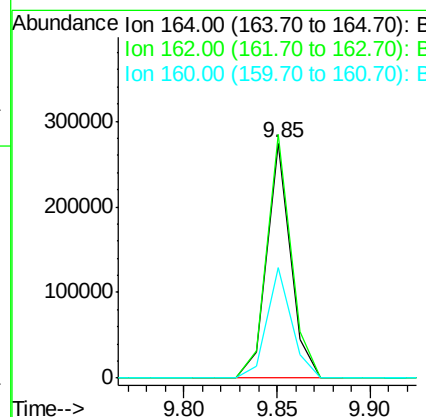
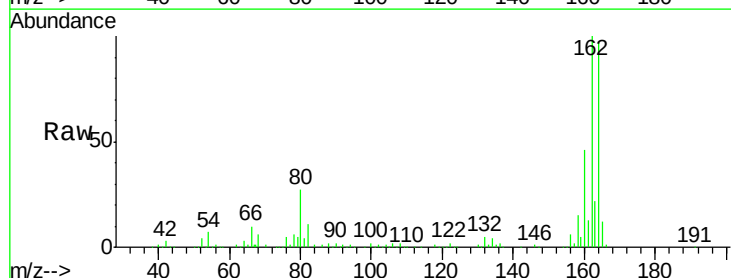
Manual Integrations

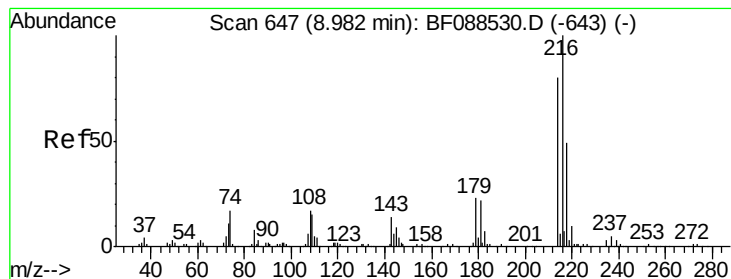
SOHIL
7/1/2016 8:06:59 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	47.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.81 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion:216 Resp: 327734
Ion Ratio Lower Upper

216 100

214 80.1 2.9 4.3#

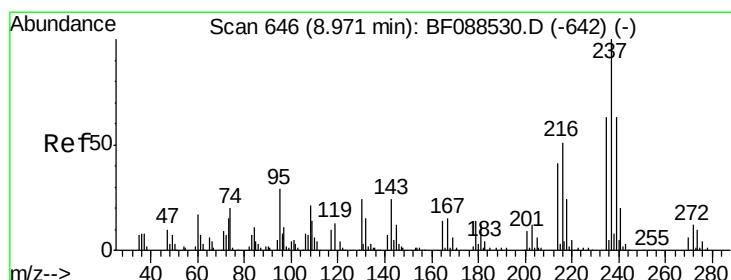
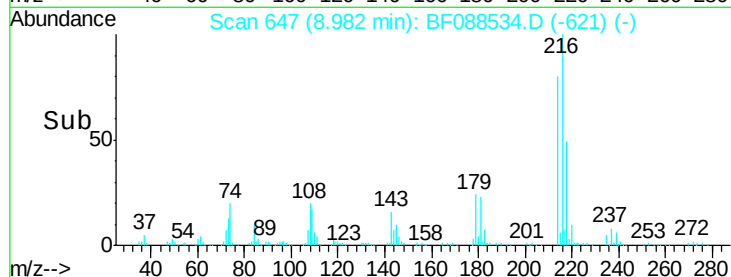
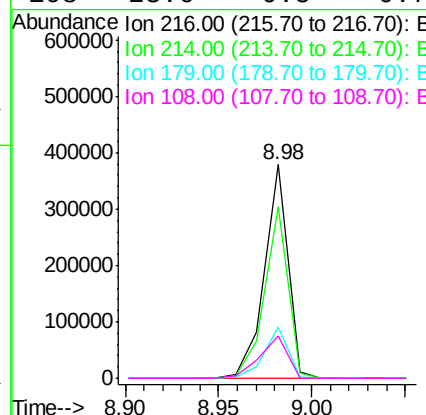
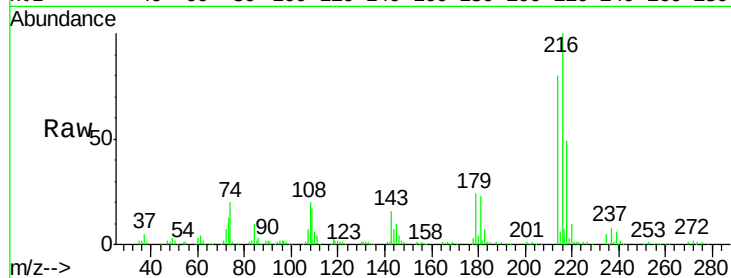
179 24.0 0.0 0.0#

108 23.6 0.5 0.7#

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 38.85 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088534.D

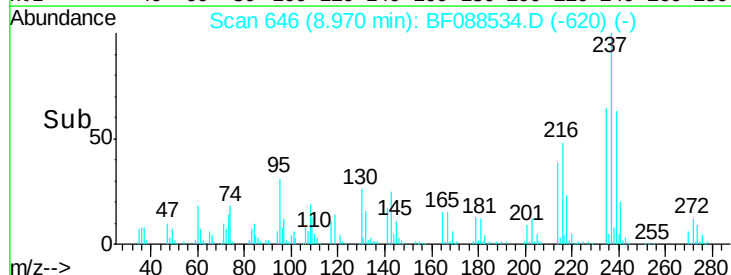
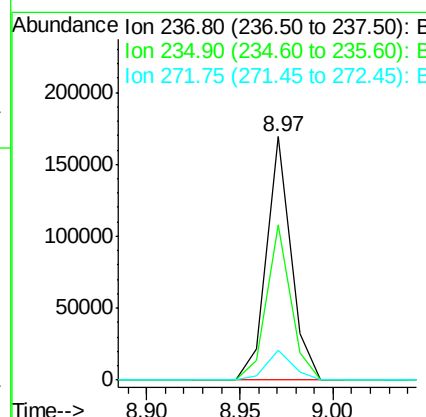
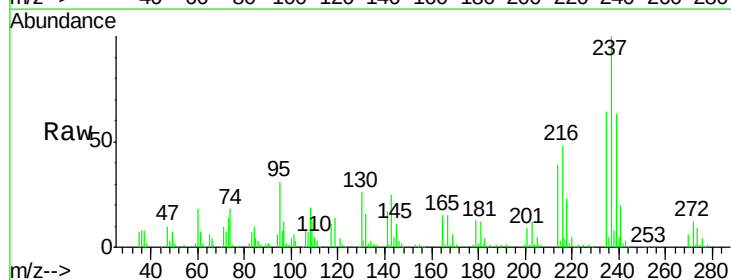
Acq: 30 Jun 2016 17:35

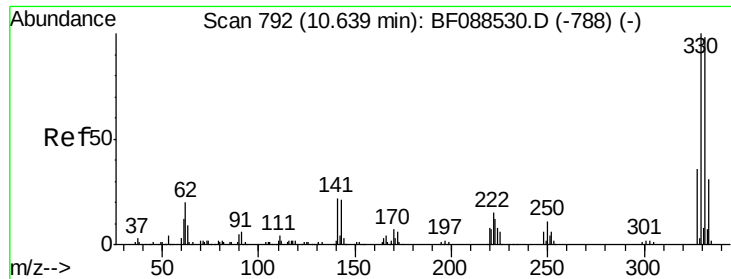
Tgt Ion:237 Resp: 153127
Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

272 12.2 0.0 32.3





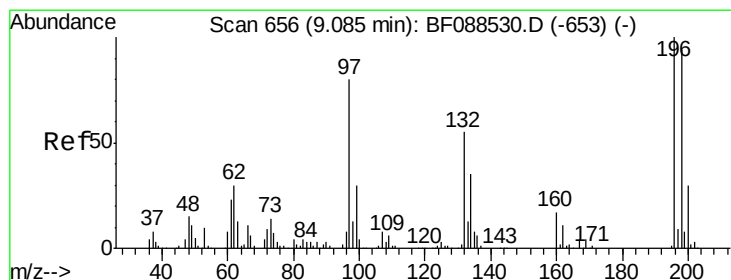
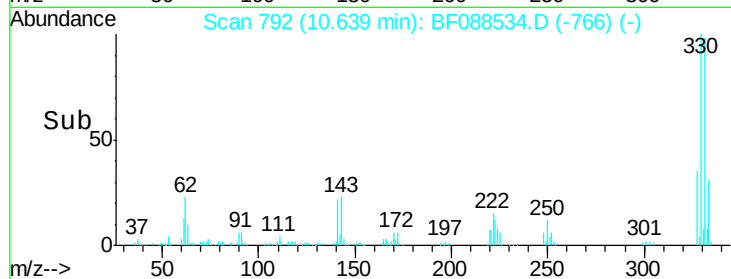
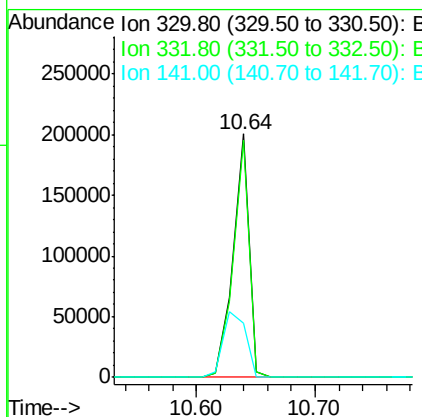
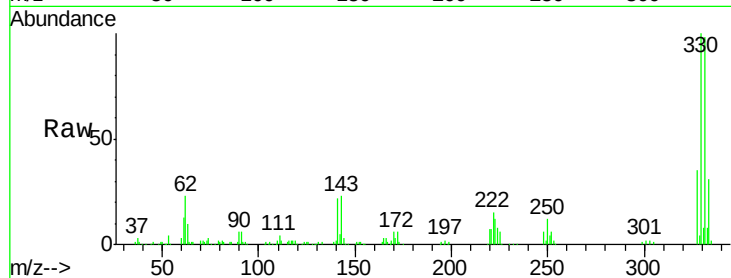
#41
 2,4,6-Tribromophenol
 Concen: 84.61 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189728		
332	97.0	0.0	0.0	0.0
141	37.9	0.0	0.0	0.0

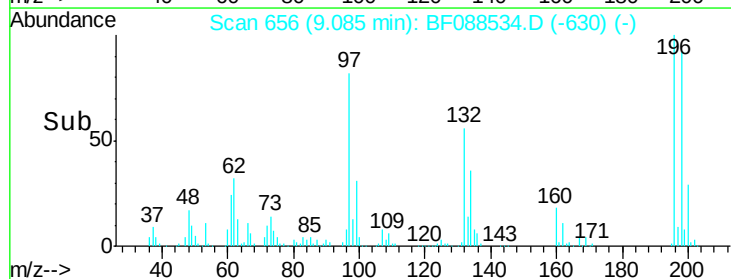
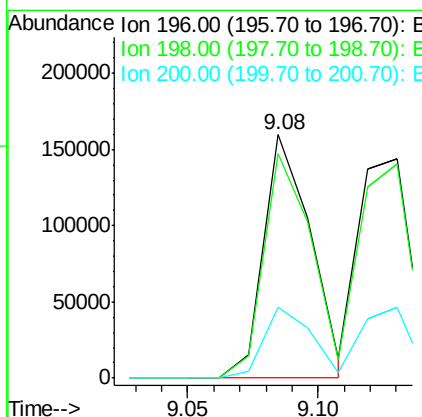
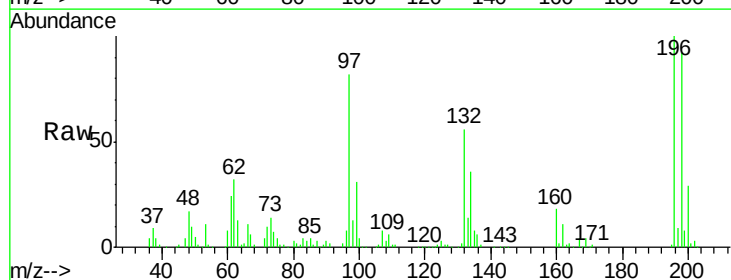
Manual Integrations

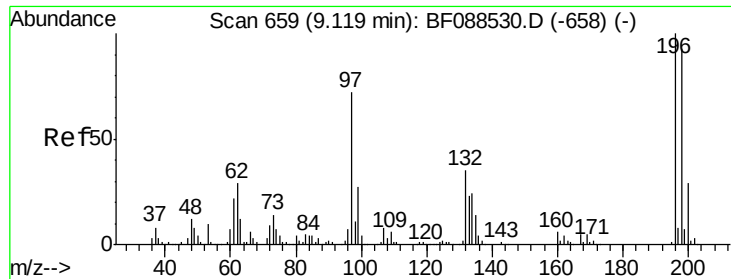
SOHIL
 7/1/2016 8:06:59 AM



#42
 2,4,6-Trichlorophenol
 Concen: 37.93 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

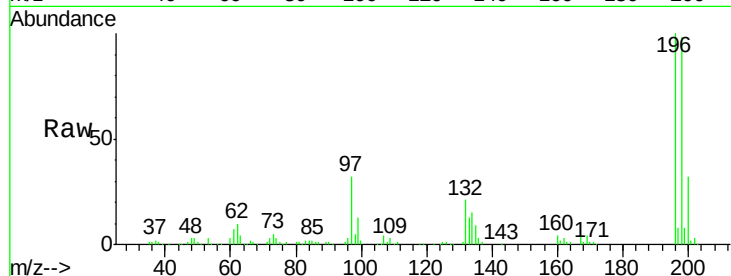
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200858		
198	92.3	78.0	117.0	
200	29.2	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 43.09 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

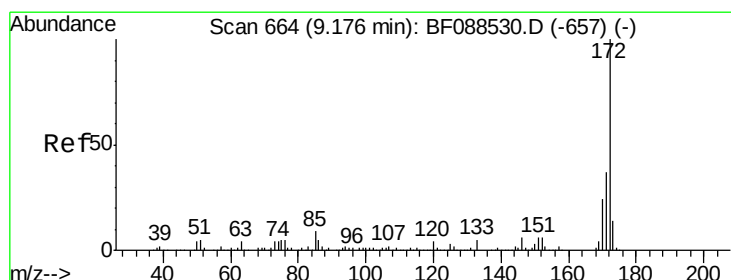
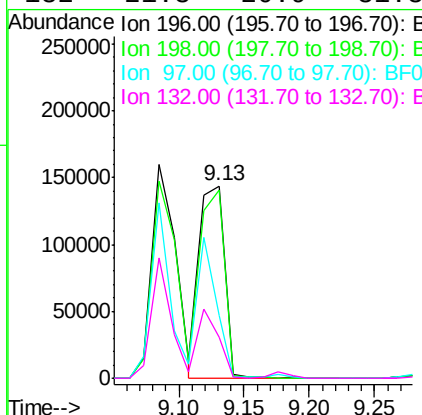
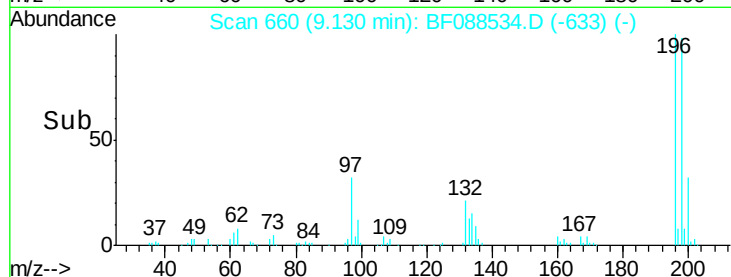
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016



Tgt Ion	Ion	Resp	Lower	Upper
196	100			
198	97.9	77.5	116.3	
97	32.5	32.0	48.0	
132	21.3	20.9	31.3	

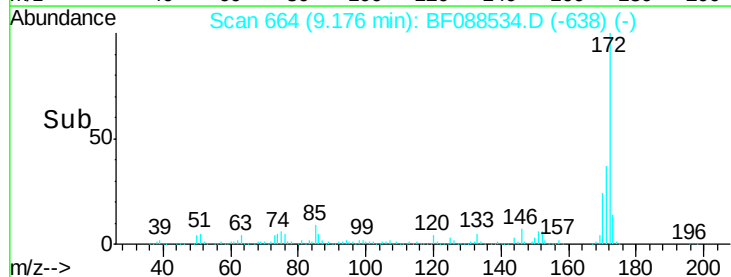
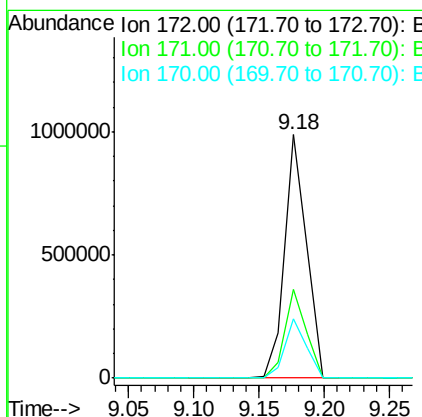
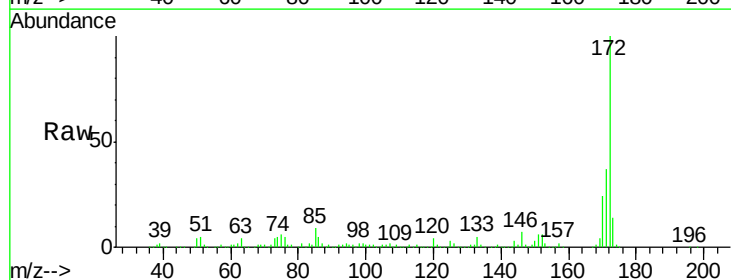
Manual Integrations

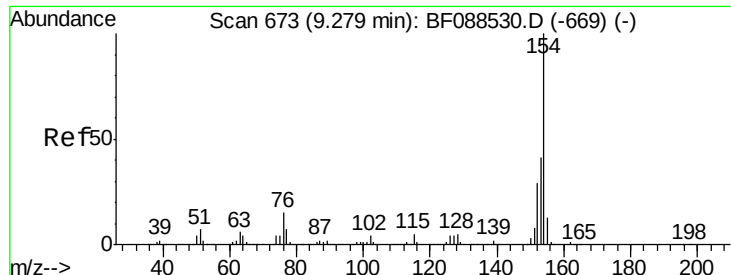
SOHIL
 7/1/2016 8:06:59 AM



#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	36.6	28.6	43.0	
170	24.3	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 39.91 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

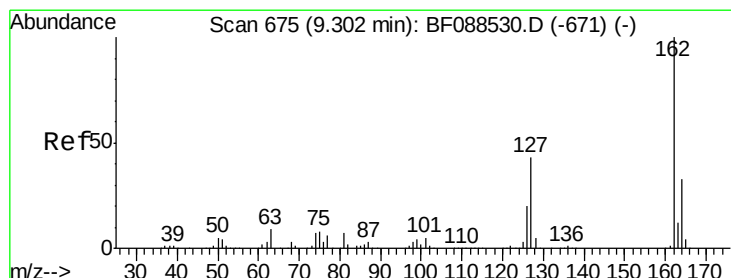
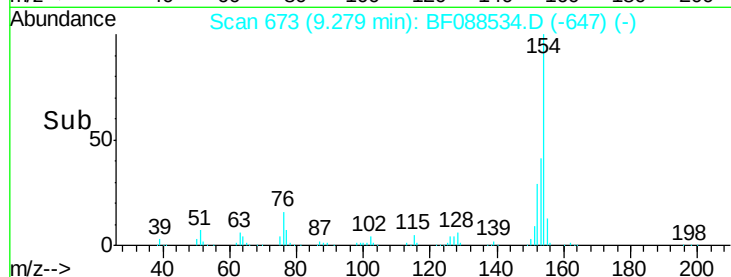
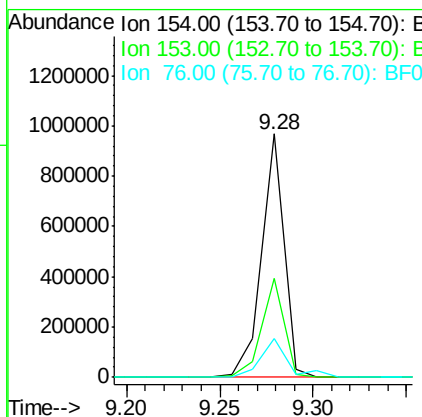
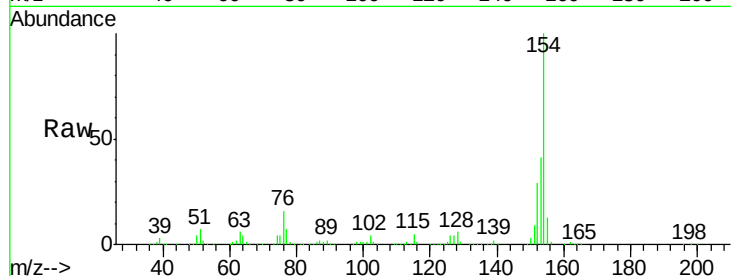
ICVBF063016

Tgt Ion:	154	Resp:	797974
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	15.8	0.0	35.1

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 40.76 ng

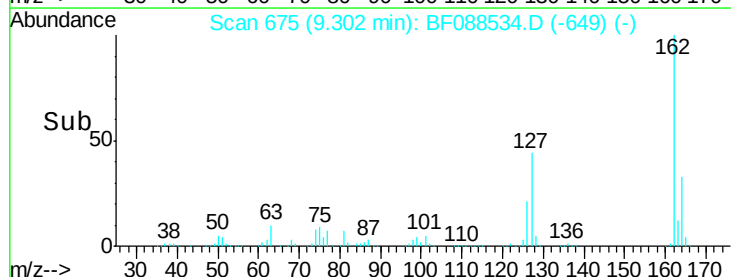
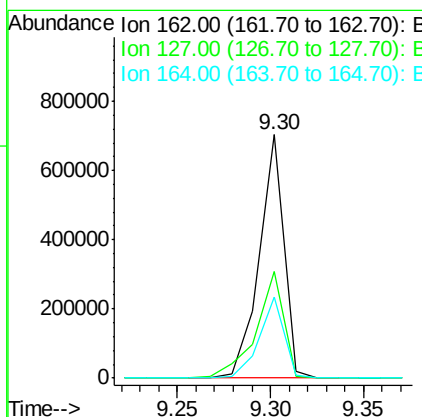
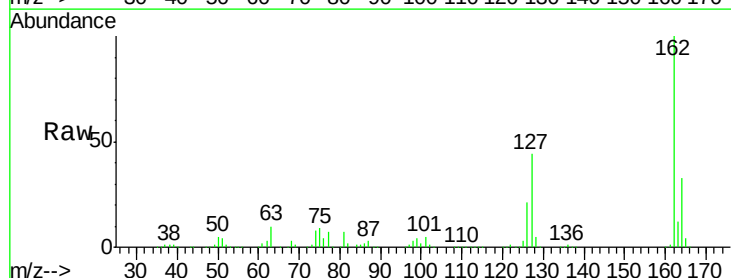
RT: 9.30 min Scan# 675

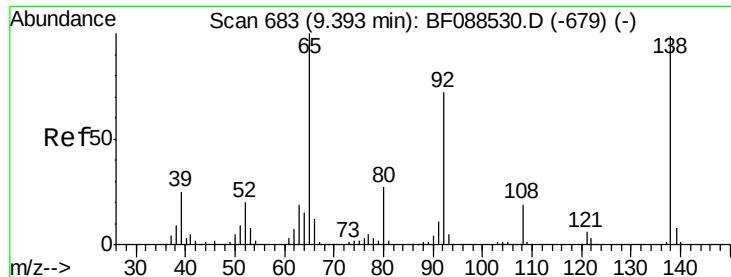
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:	162	Resp:	639861
Ion Ratio	Lower	Upper	
162	100		
127	44.0	35.2	52.8
164	33.5	26.6	39.8





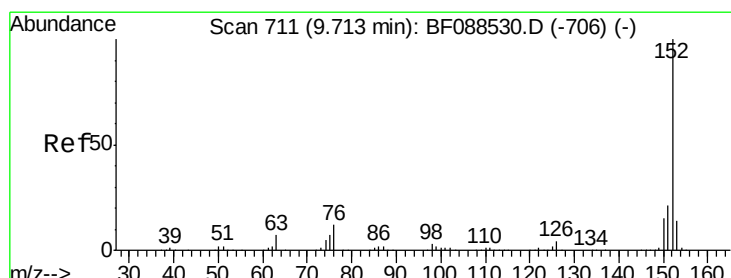
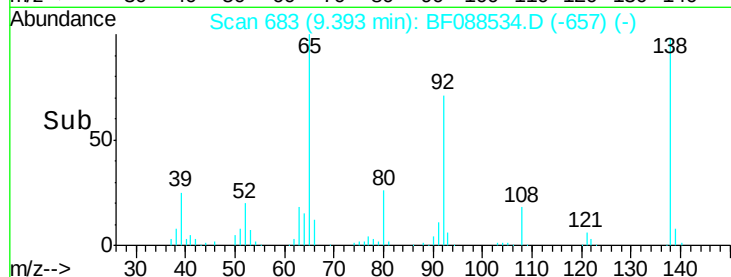
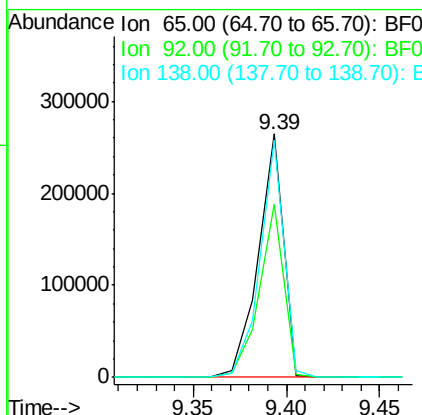
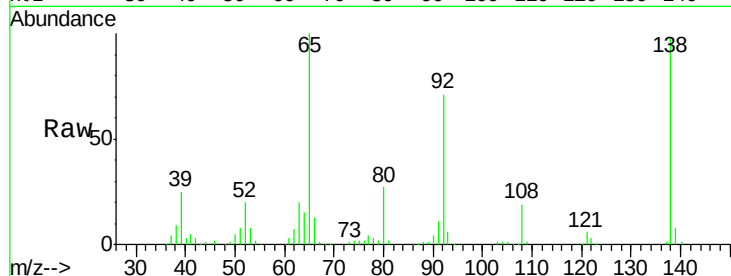
#47
2-Nitroaniline
Concen: 44.03 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion: 65 Resp: 245278
Ion Ratio Lower Upper
65 100
92 71.0 54.6 82.0
138 97.6 77.0 115.4

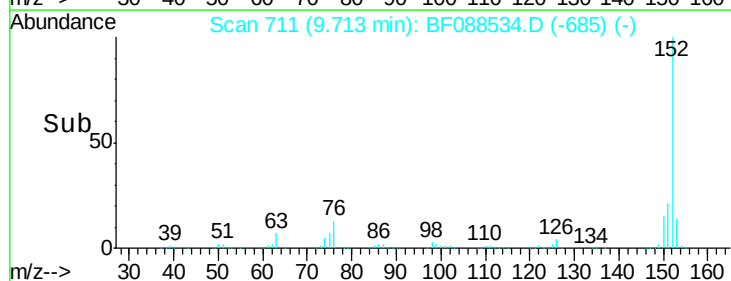
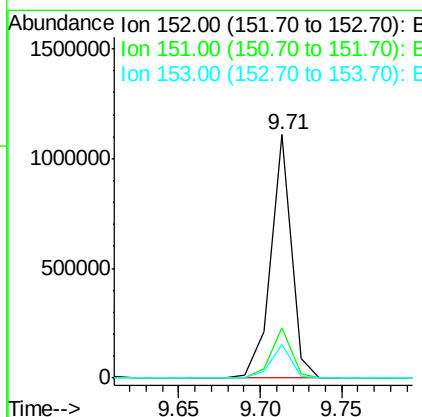
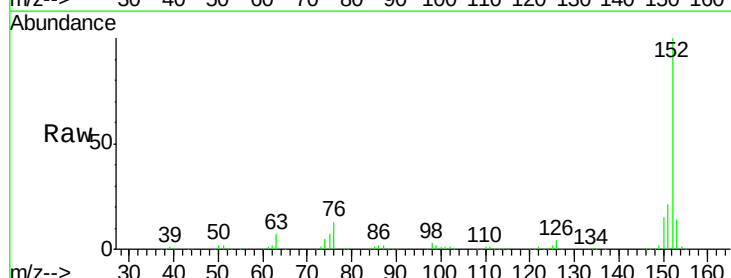
Manual Integrations

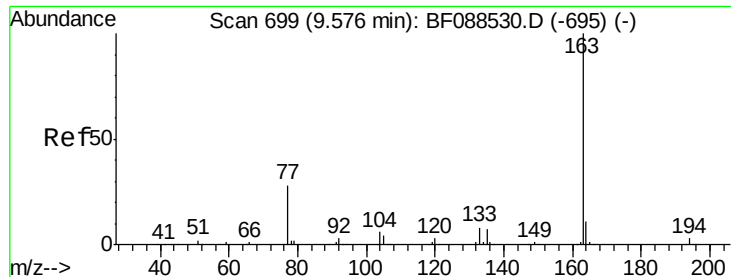
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#48
Acenaphthylene
Concen: 39.06 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion: 152 Resp: 975503
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.7 11.0 16.6





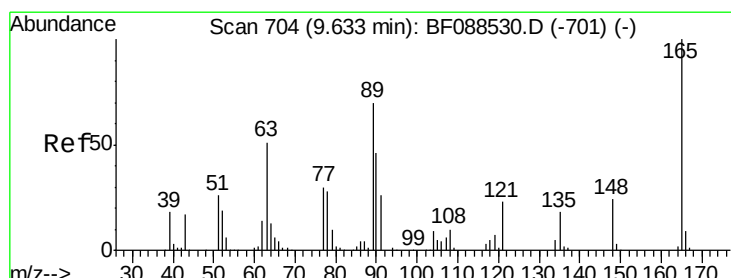
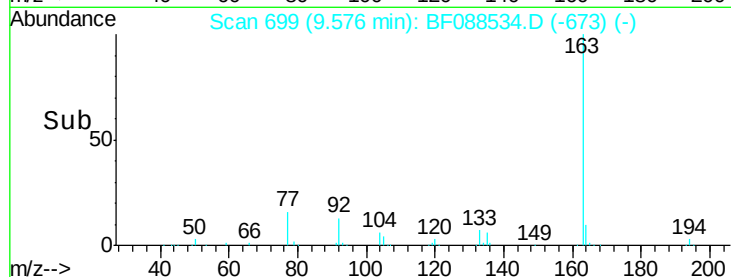
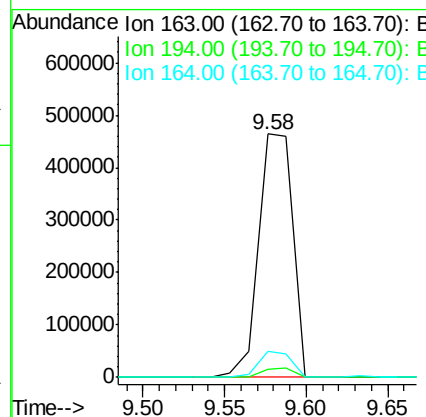
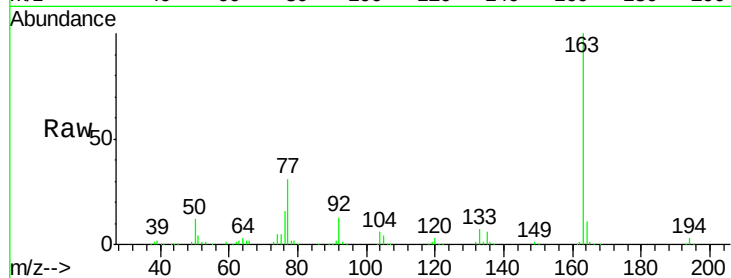
#49
Dimethylphthalate
Concen: 39.23 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	674800		
194	3.1		2.8	4.2
164	10.9		8.3	12.5

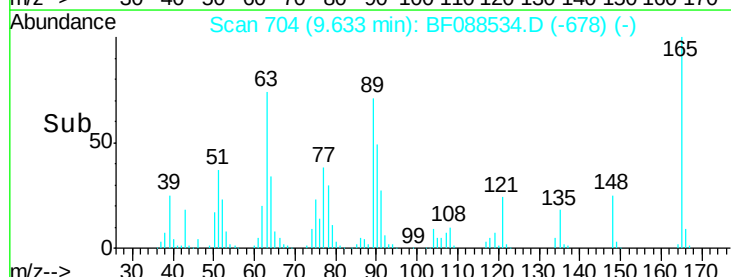
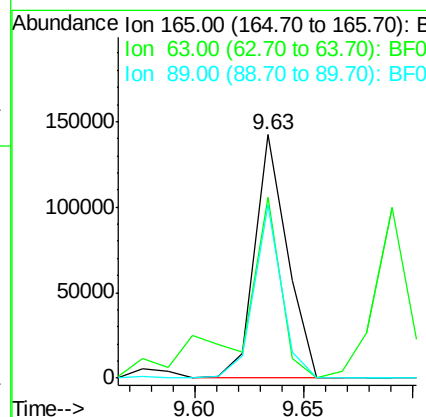
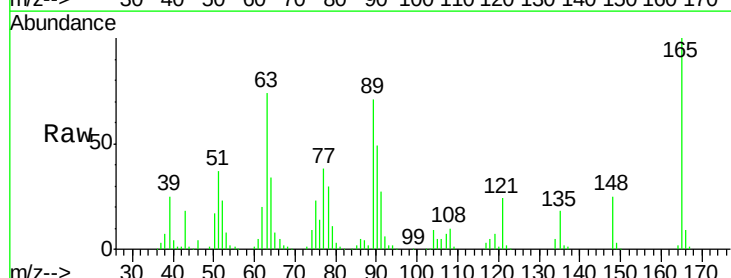
Manual Integrations

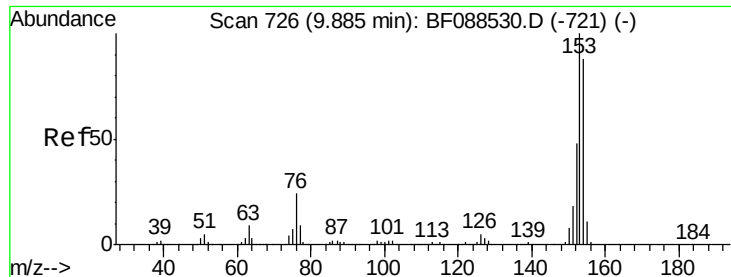
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#50
2,6-Dinitrotoluene
Concen: 38.61 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147220		
63	74.3		28.1	42.1#
89	71.2		32.2	48.2#





#51

Acenaphthene

Concen: 37.93 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion:154 Resp: 580642

Ion Ratio Lower Upper

154 100

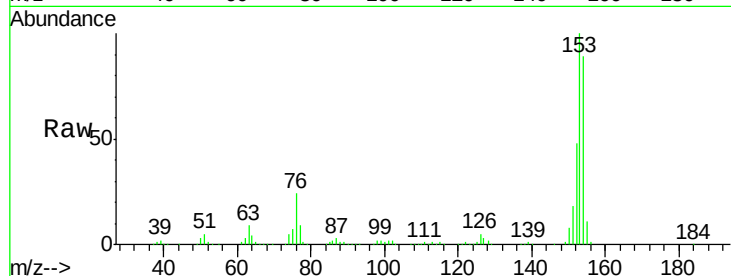
153 112.8 89.5 134.3

152 54.5 42.7 64.1

Manual Integrations

SOHIL

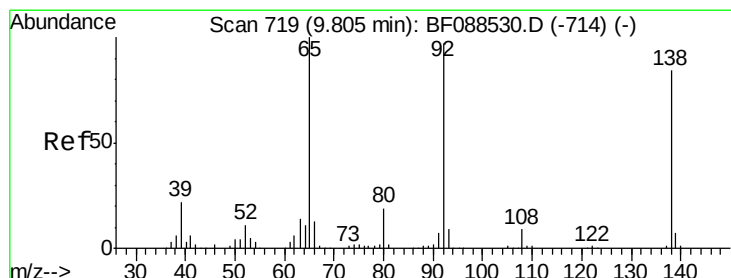
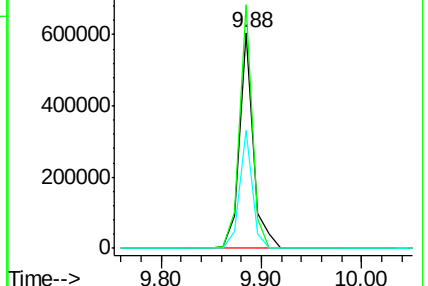
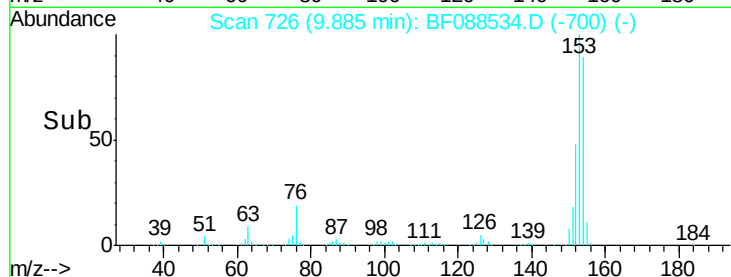
7/1/2016 8:06:59 AM



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: 43.90 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

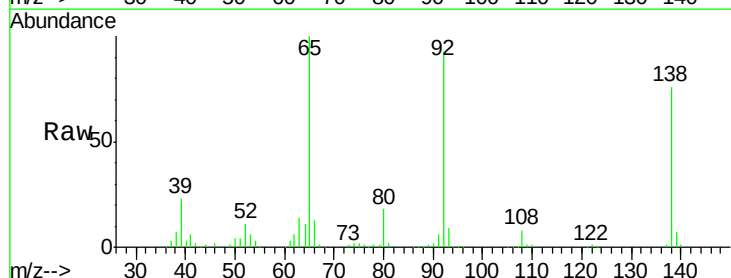
Tgt Ion:138 Resp: 212767

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

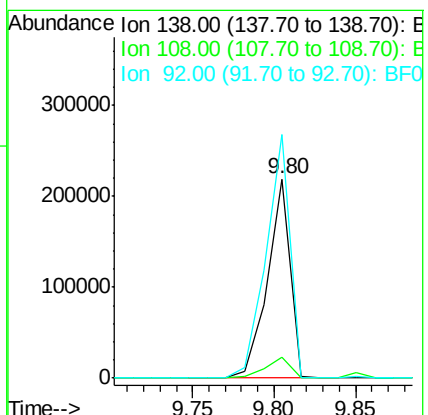
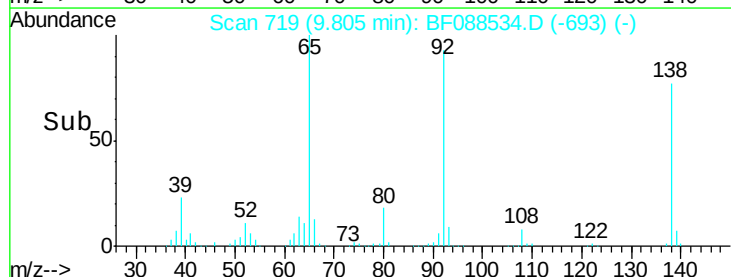
92 122.2 95.7 143.5

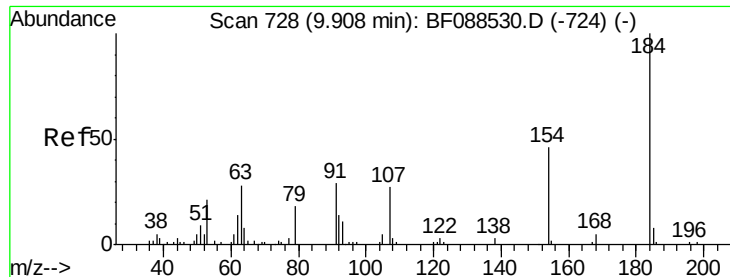


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





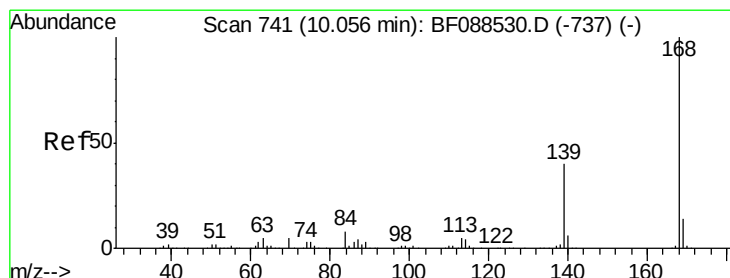
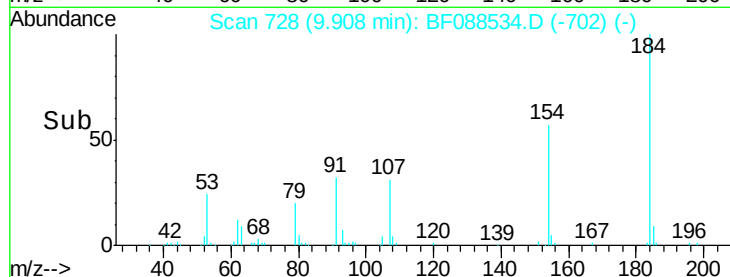
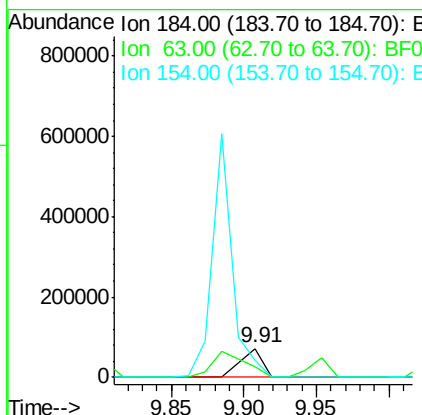
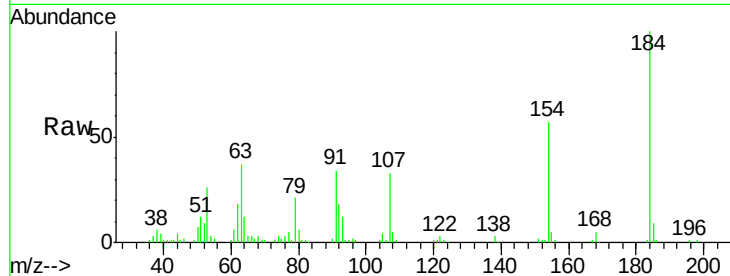
#53
2,4-Dinitrophenol
Concen: 45.17 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.9	57.6	86.4#
154	56.6	53.5	80.3

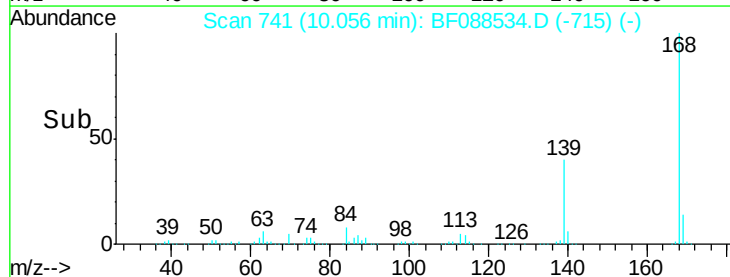
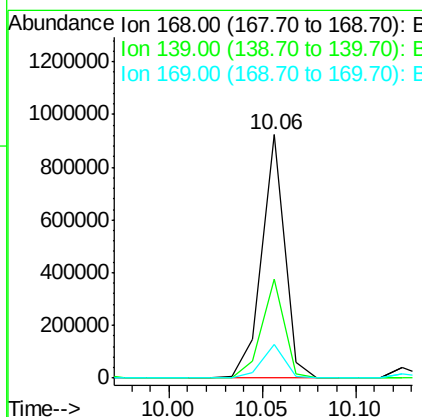
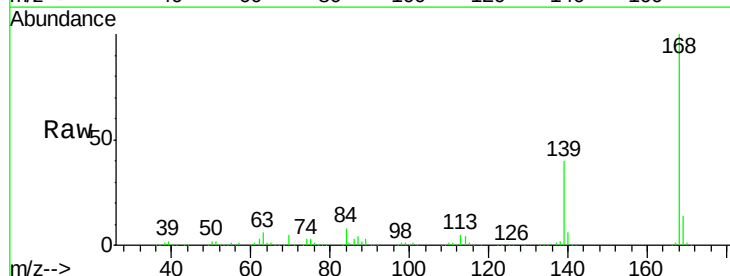
Manual Integrations

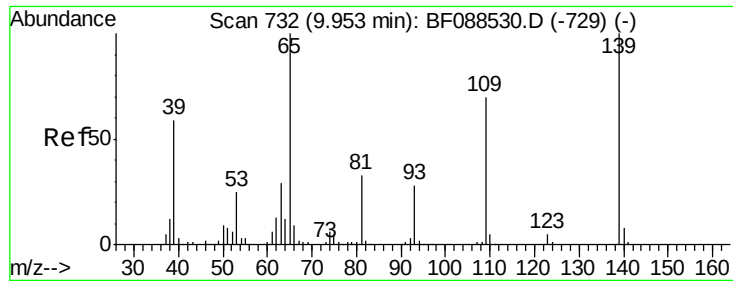
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7/1/2016 8:06:59 AM



#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	26.4	39.6#
169	13.8	10.4	15.6





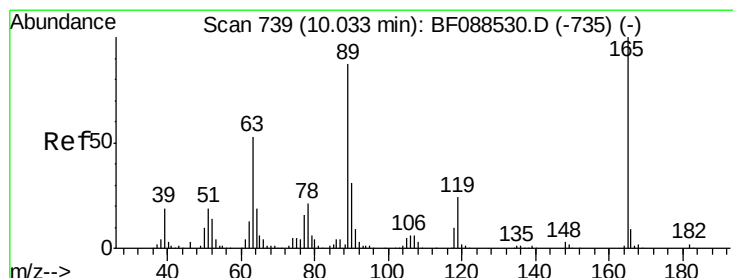
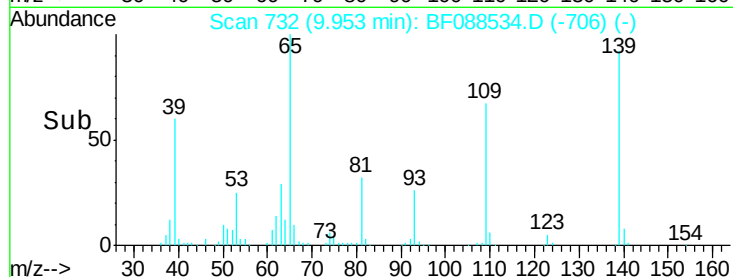
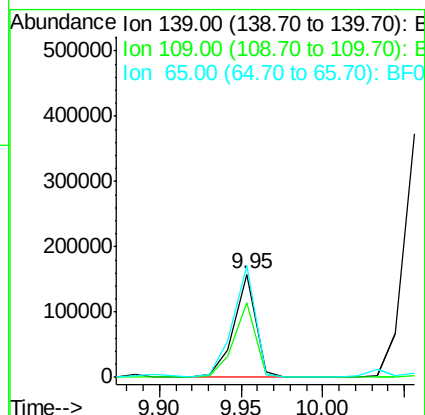
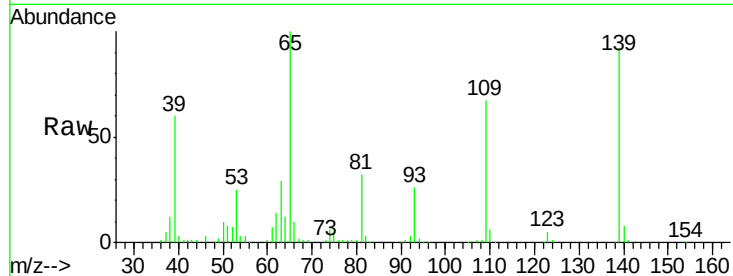
#55
4-Nitrophenol
Concen: 39.98 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	48.9	88.9
65	108.4	84.9	124.9

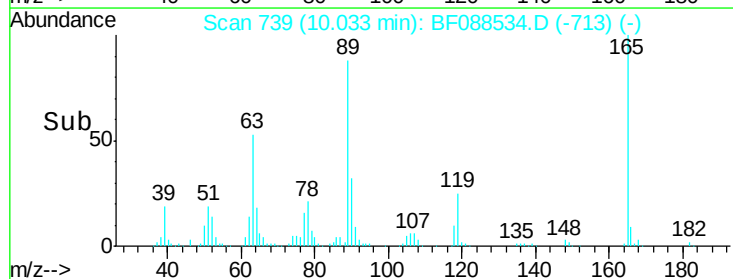
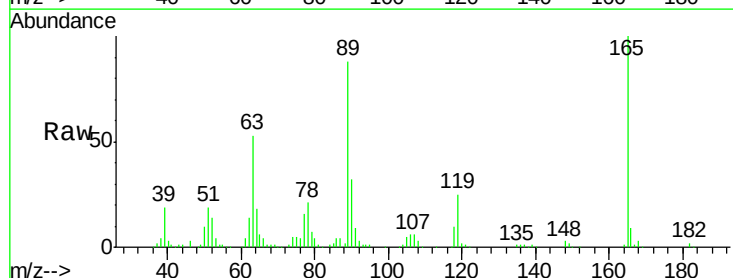
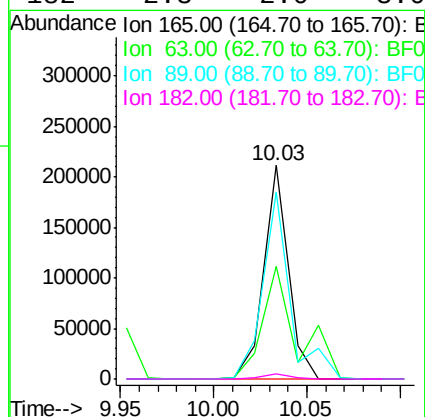
Manual Integrations

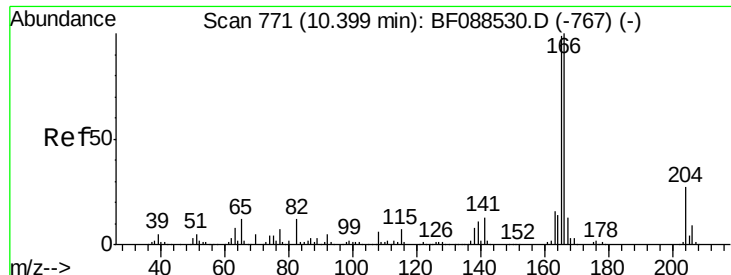
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7/1/2016 8:06:59 AM



#56
2,4-Dinitrotoluene
Concen: 38.30 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.0	22.0	33.0#
89	87.8	41.1	61.7#
182	2.3	2.0	3.0





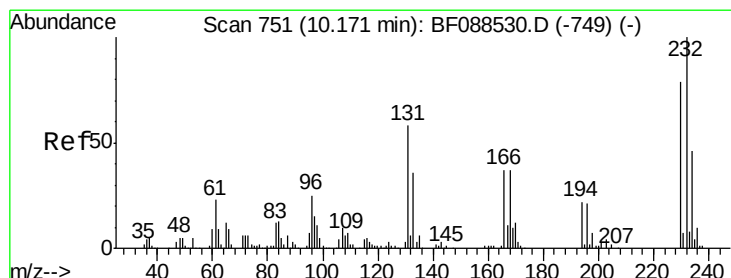
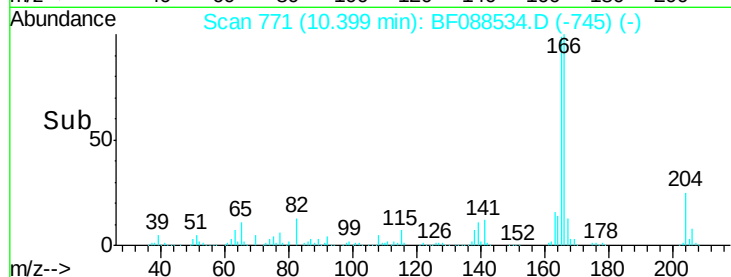
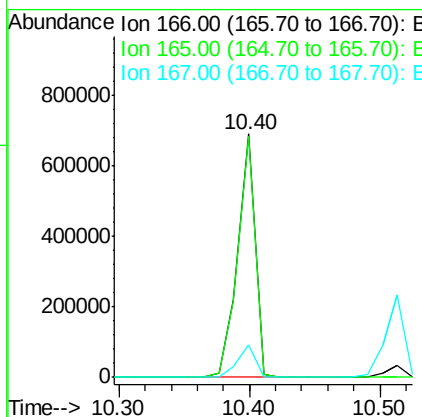
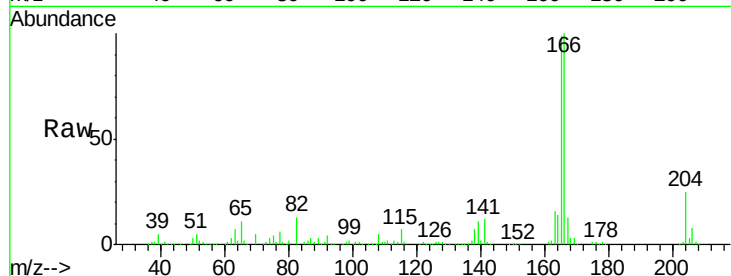
#57
 Fluorene
 Concen: 41.50 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion:166 Resp: 640781
 Ion Ratio Lower Upper
 166 100
 165 99.3 77.8 116.8
 167 13.4 11.2 16.8

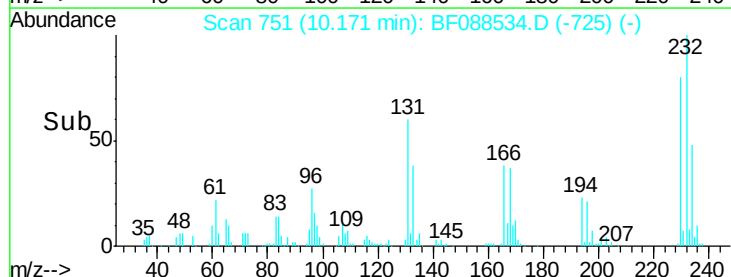
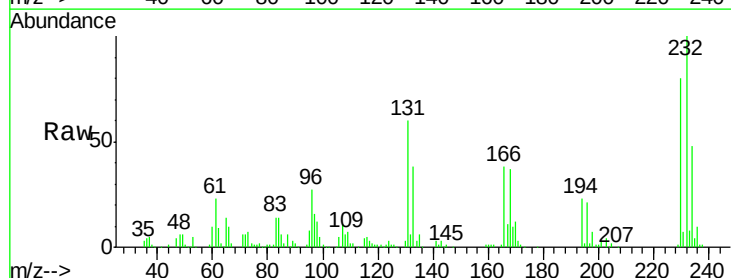
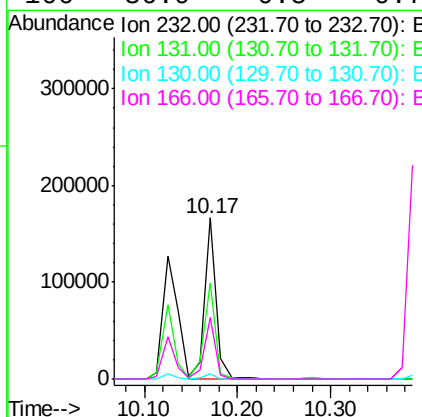
Manual Integrations

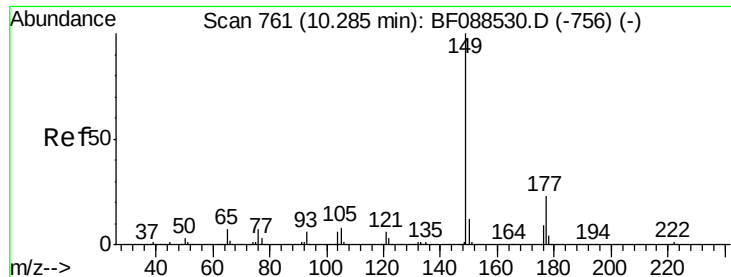
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 7/1/2016 8:06:59 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.99 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:232 Resp: 144470
 Ion Ratio Lower Upper
 232 100
 131 58.9 0.9 1.3#
 130 2.7 1.5 2.3#
 166 36.9 0.5 0.7#





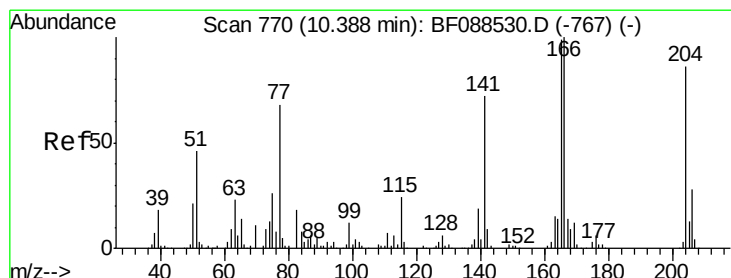
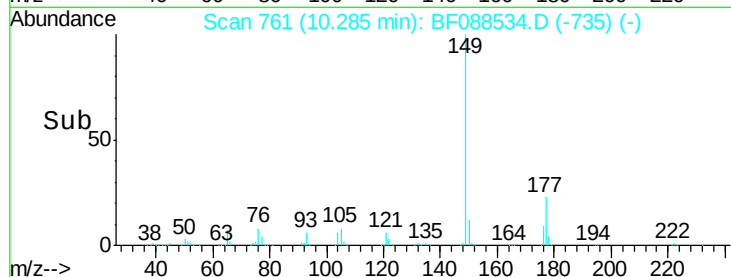
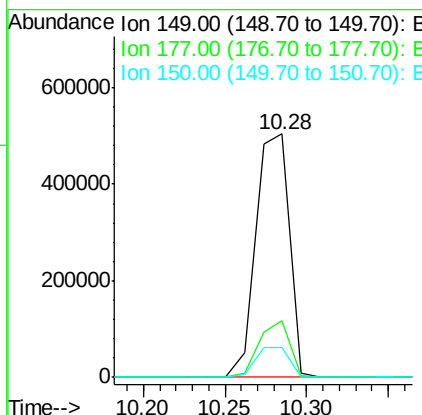
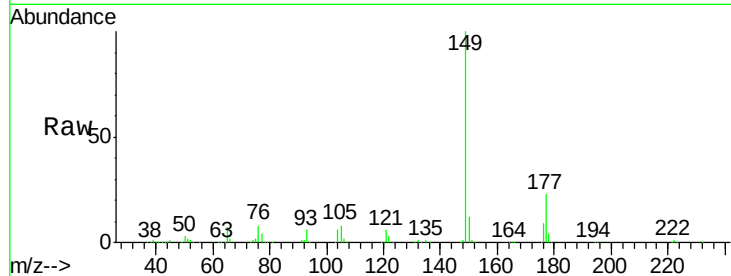
#59
Diethylphthalate
Concen: 41.68 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.9	25.3
150	12.3	10.1	15.1

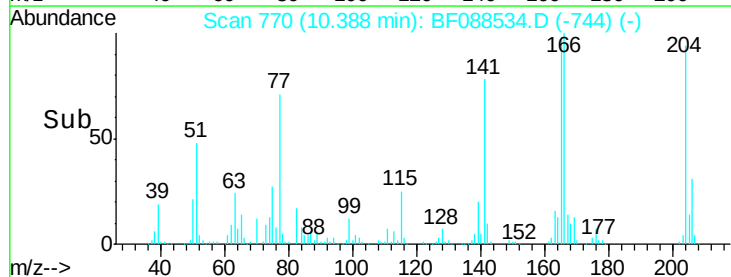
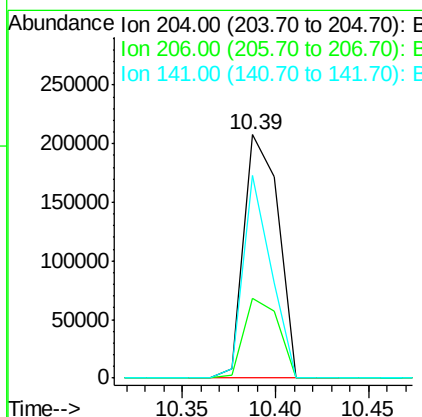
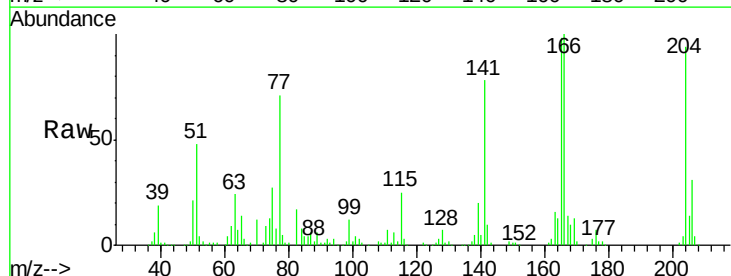
Manual Integrations

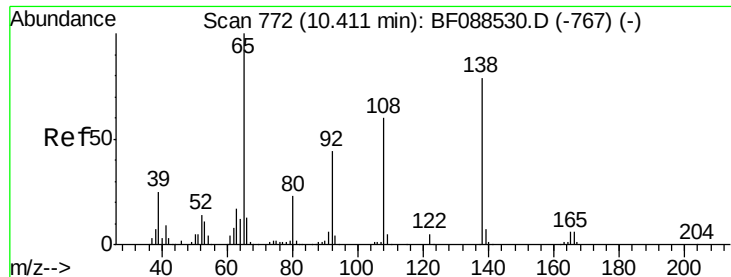
SOHIL
7/1/2016 8:06:59 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.09 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	83.1	55.0	82.6#





#61

4-Nitroaniline

Concen: 37.90 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF088534.D

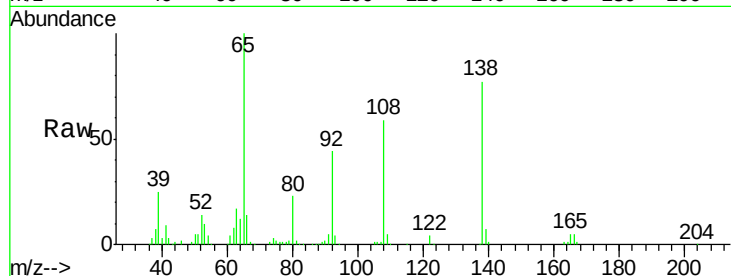
Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016



Tgt Ion: 138 Resp: 176779

Ion Ratio Lower Upper

138 100

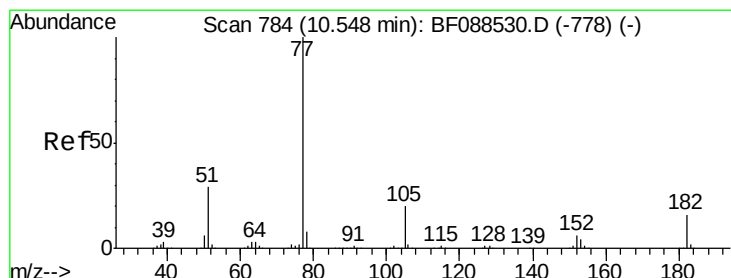
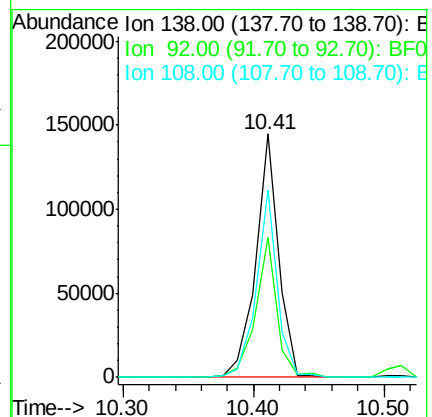
92 57.7 27.3 67.3

108 77.0 46.7 86.7

Manual Integrations

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#62

Azobenzene

Concen: 38.43 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion: 77 Resp: 756740

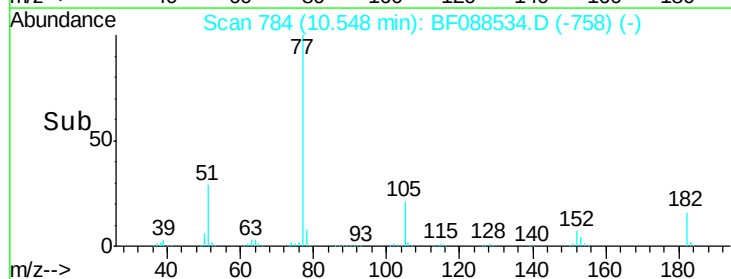
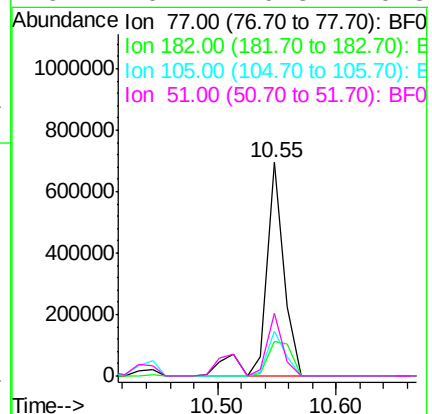
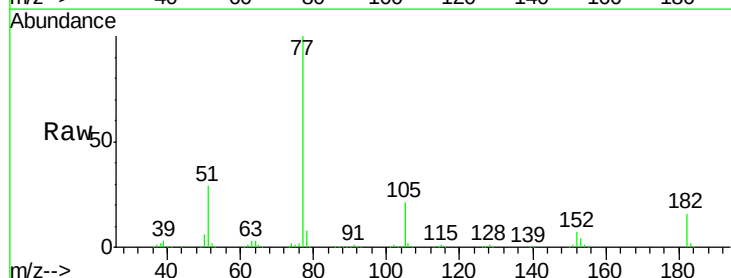
Ion Ratio Lower Upper

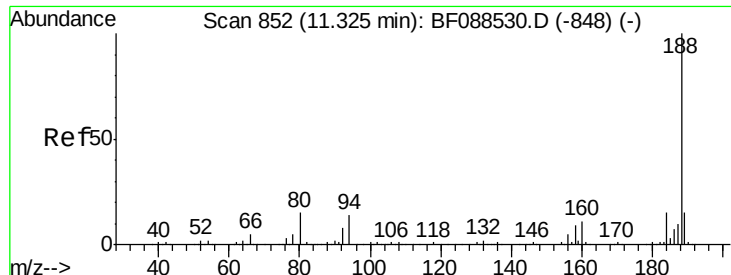
77 100

182 16.0 4.4 44.4

105 20.9 3.8 43.8

51 29.4 9.3 49.3





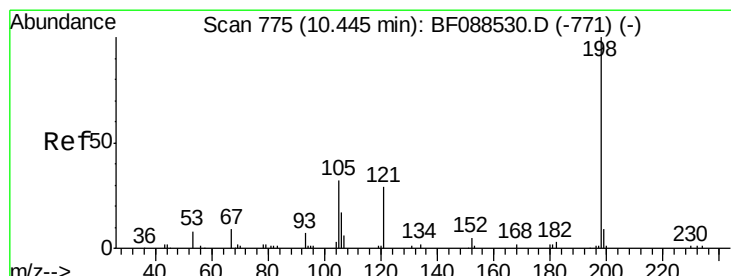
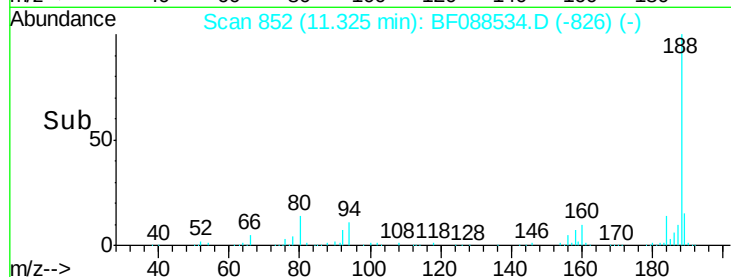
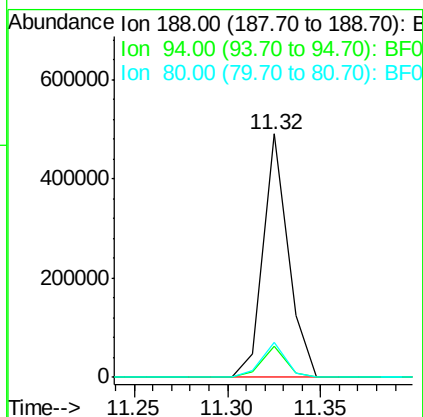
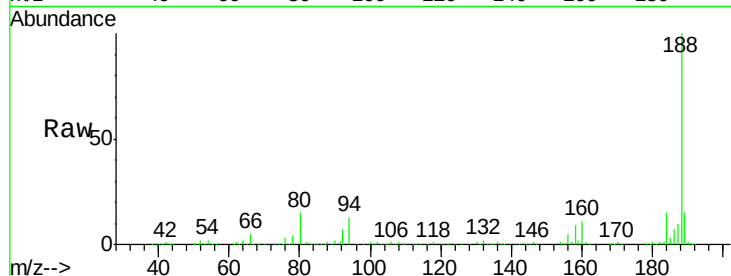
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	456122		
94	12.7	9.0	13.6	
80	14.6	10.0	15.0	

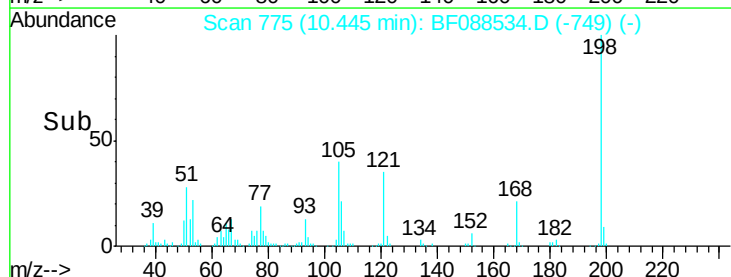
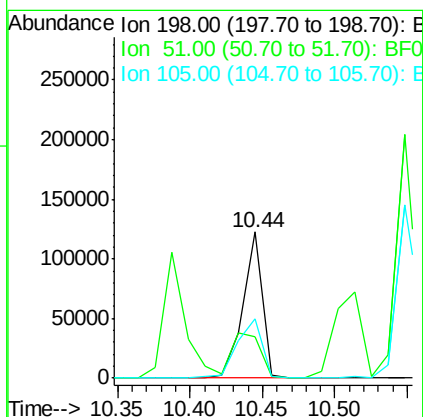
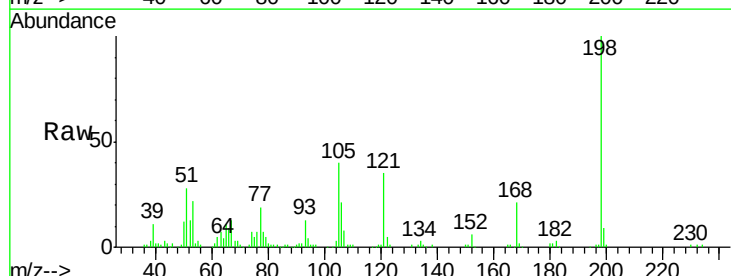
Manual Integrations

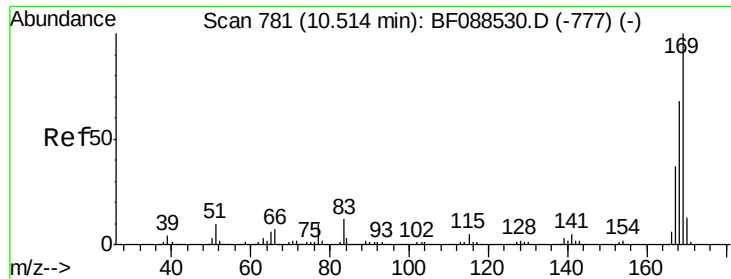
APPROVED
SOHIL
7/1/2016 8:06:59 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.65 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113810		
51	28.3	39.6	79.6#	
105	40.5	36.6	76.6	





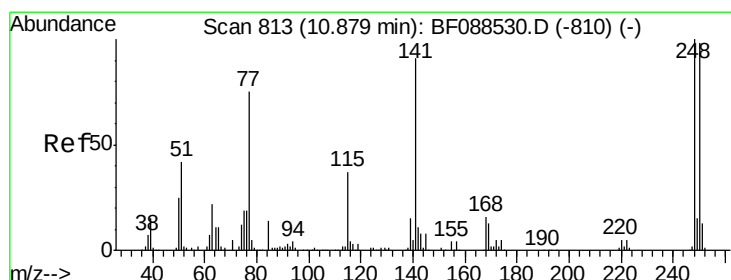
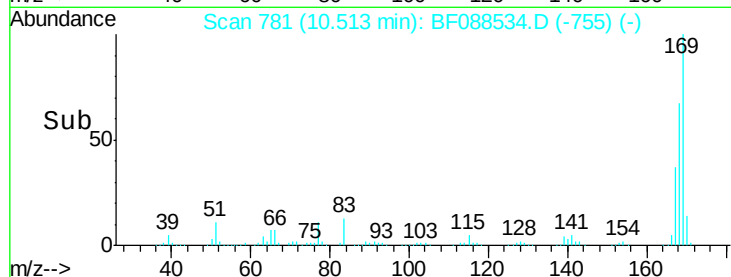
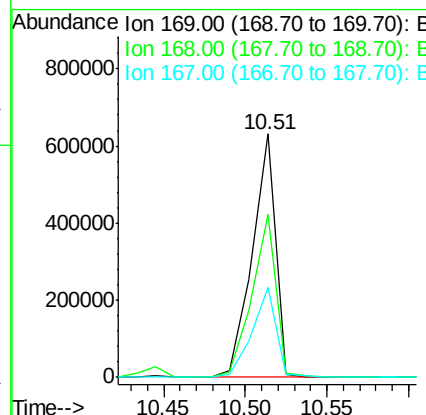
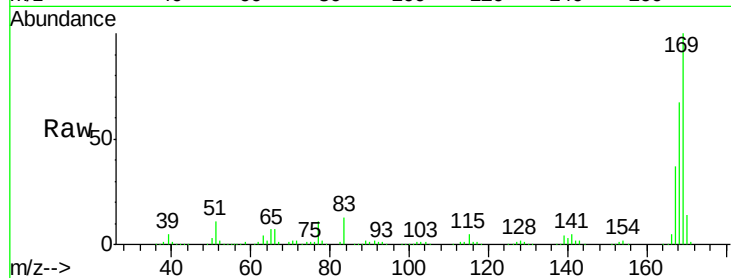
#65
n-Nitrosodiphenylamine
Concen: 40.57 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	36.9	29.4	44.0

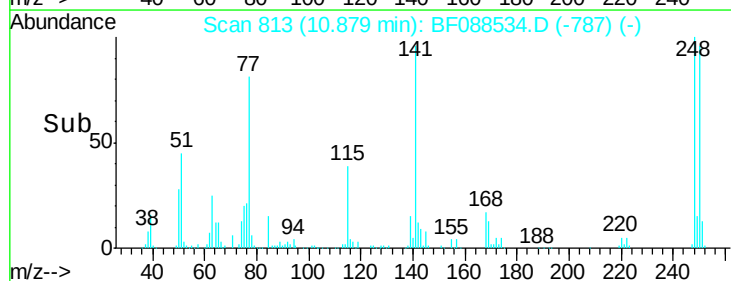
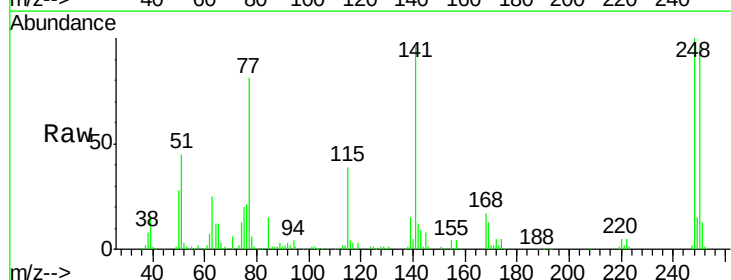
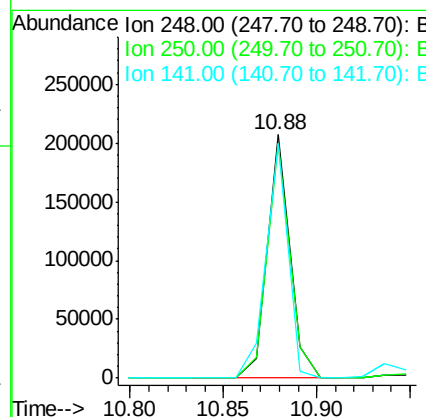
Manual Integrations

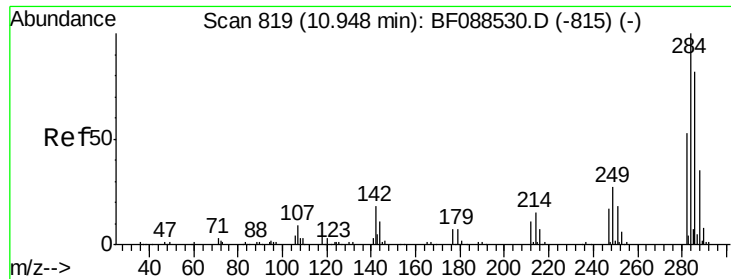
SOHIL
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#66
4-Bromophenyl-phenylether
Concen: 37.41 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.1	115.7
141	96.4	50.6	76.0





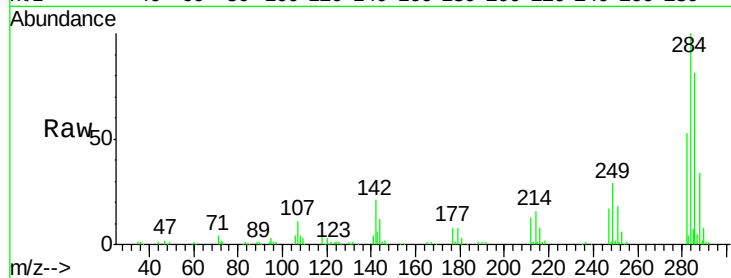
#67
Hexachlorobenzene
Concen: 40.39 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

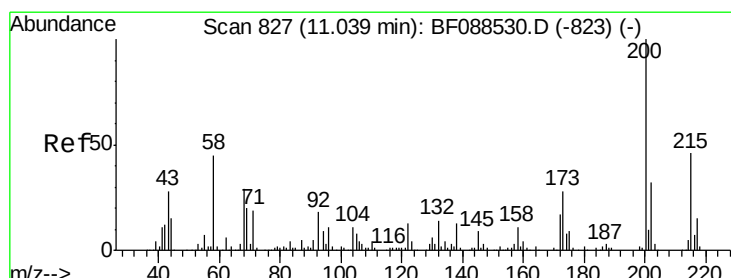
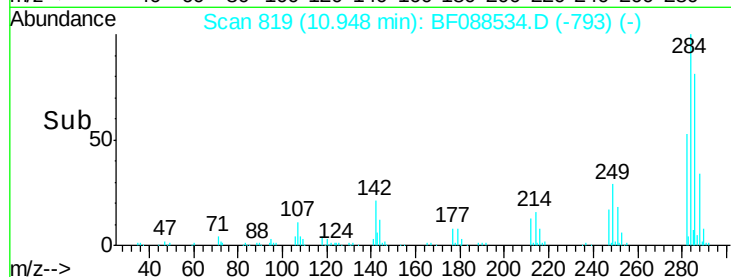
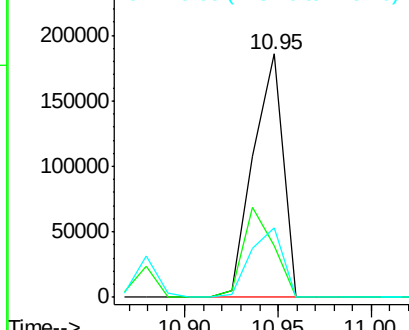
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	205494		
142	21.1	35.8	53.8#	
249	28.6	25.8	38.6	

Manual Integrations

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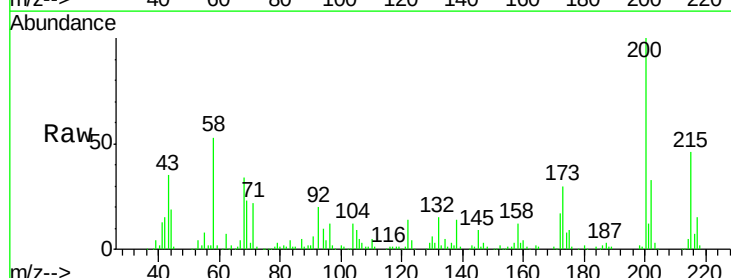


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

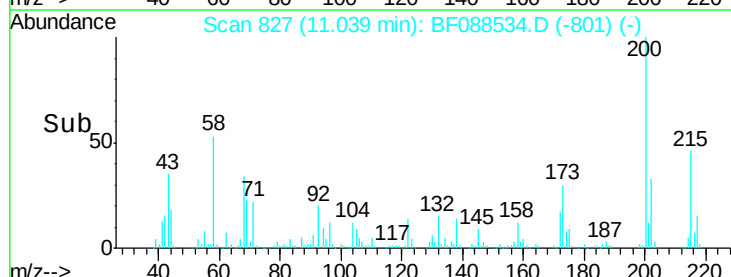
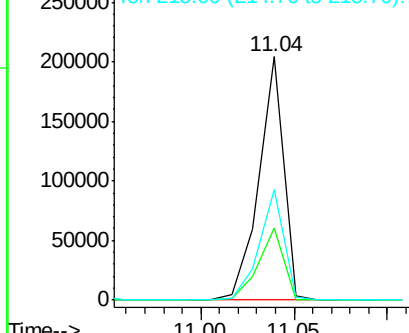


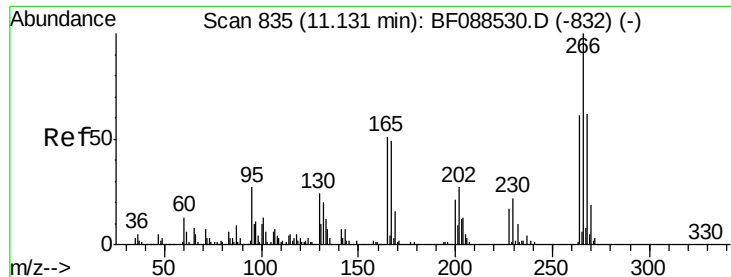
#68
Atrazine
Concen: 38.80 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	186640		
173	29.5	4.0	44.0	
215	45.6	29.3	69.3	



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





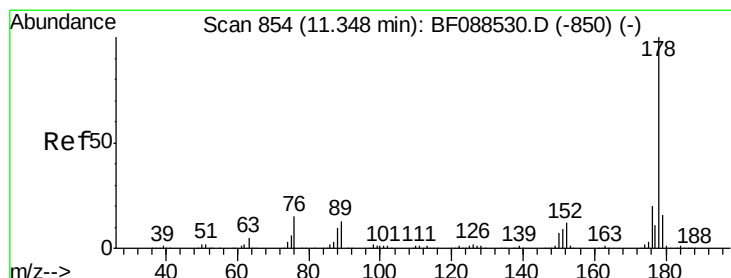
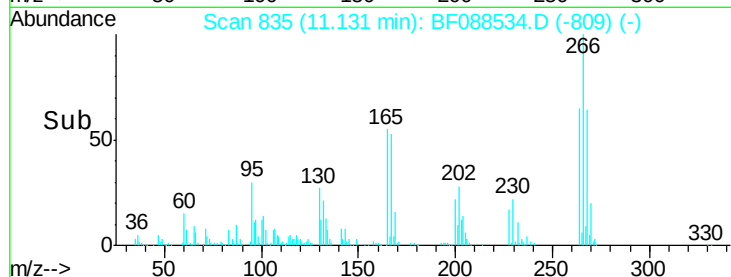
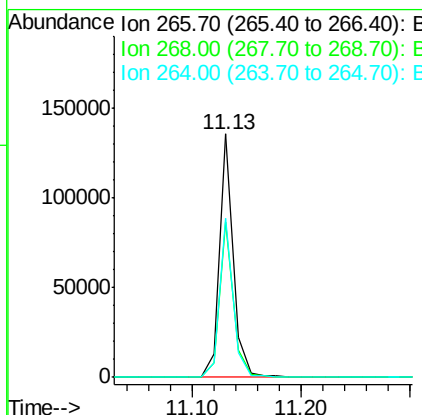
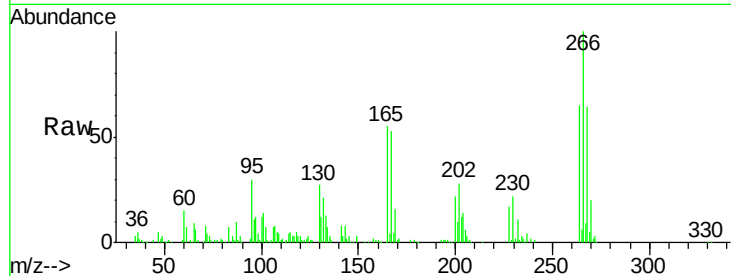
#69
 Pentachlorophenol
 Concen: 40.32 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.8	79.2
264	65.4	49.6	74.4

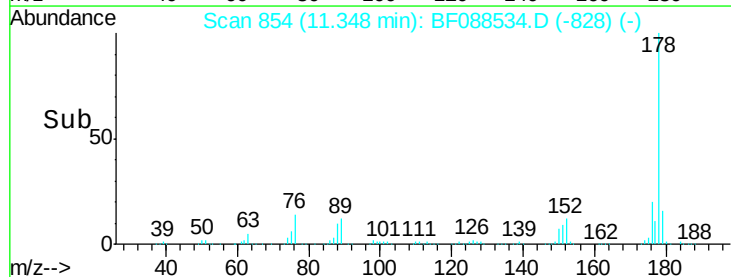
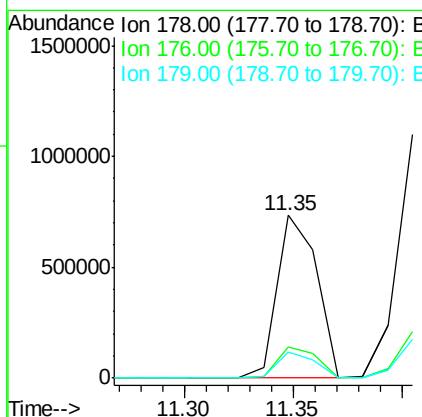
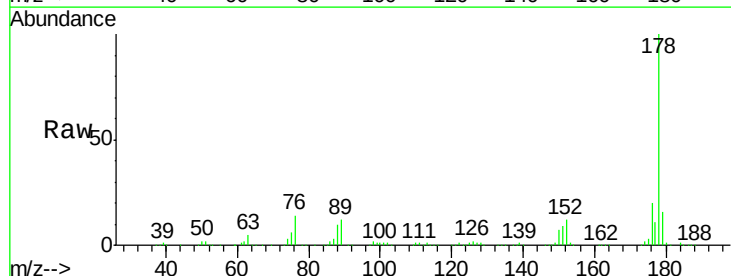
Manual Integrations

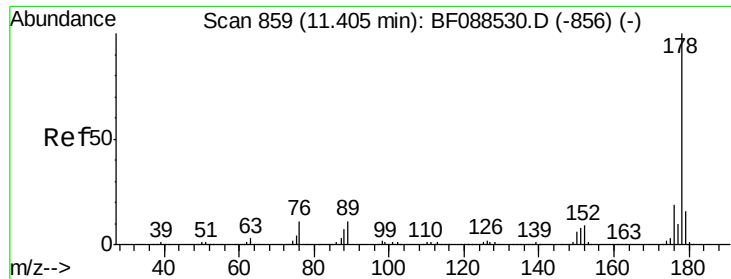
SOHIL
 7/1/2016 8:06:59 AM



#70
 Phenanthrene
 Concen: 37.43 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

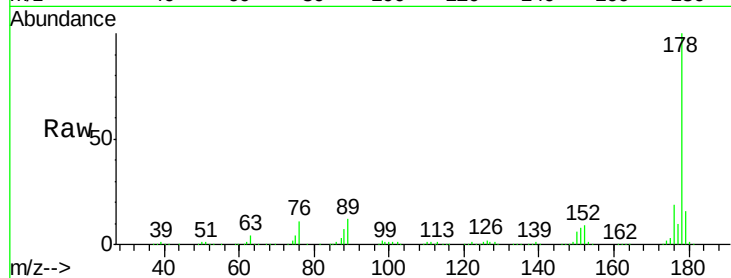
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.8	13.0	19.4





#71
 Anthracene
 Concen: 38.41 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

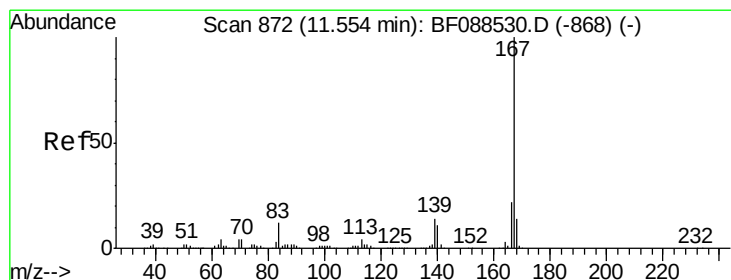
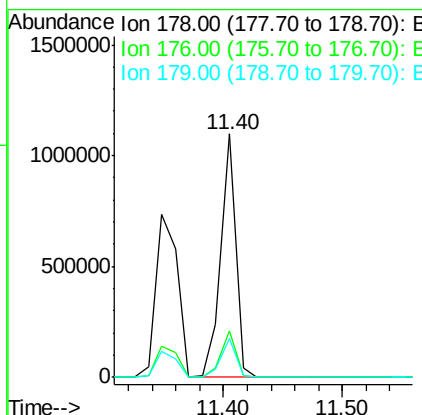
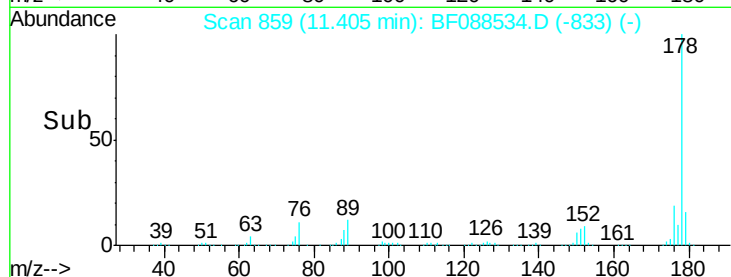
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016



Tgt Ion:178 Resp: 952370
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.9 12.8 19.2

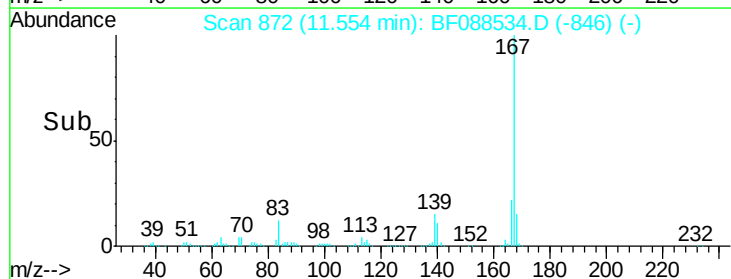
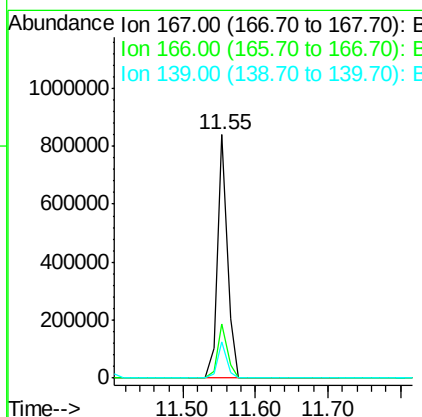
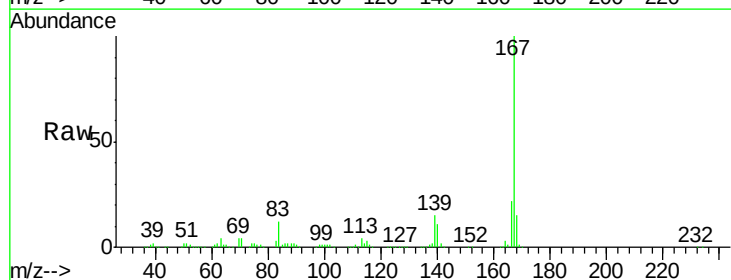
Manual Integrations

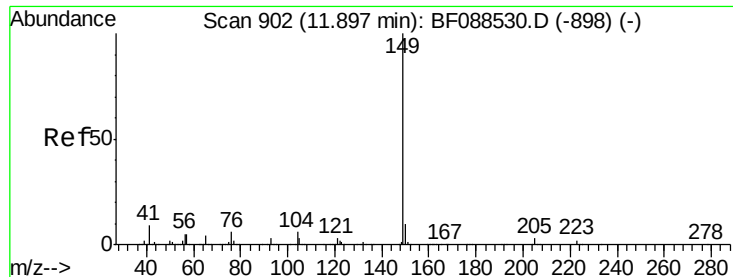
SOHIL
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#72
 Carbazole
 Concen: 34.08 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:167 Resp: 795230
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.8 11.2 16.8





#73

Di-n-butylphthalate

Concen: 36.82 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

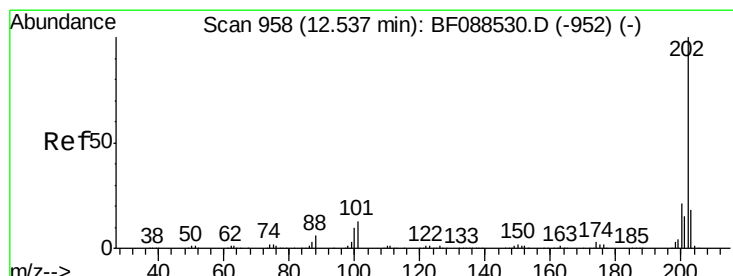
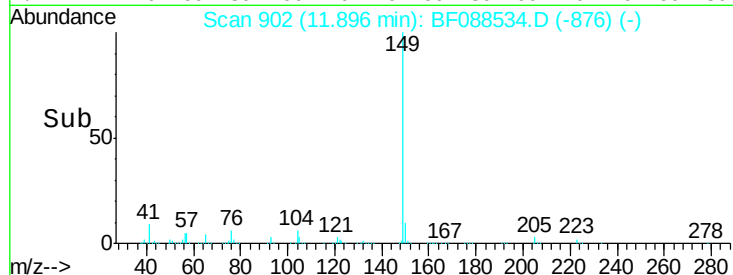
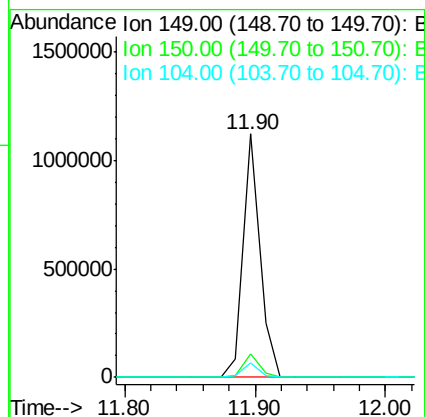
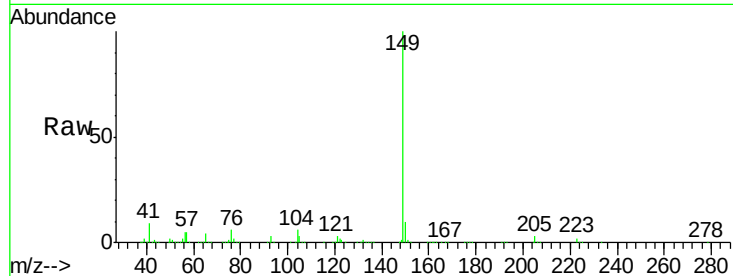
ICVBF063016

Tgt Ion:	149	Resp:	999302
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.9	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 40.08 ng

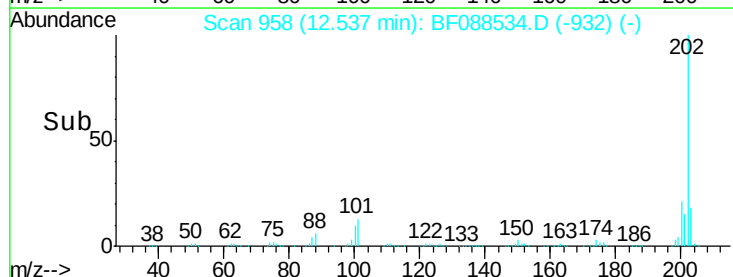
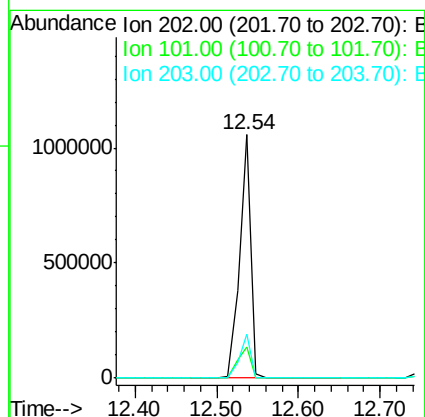
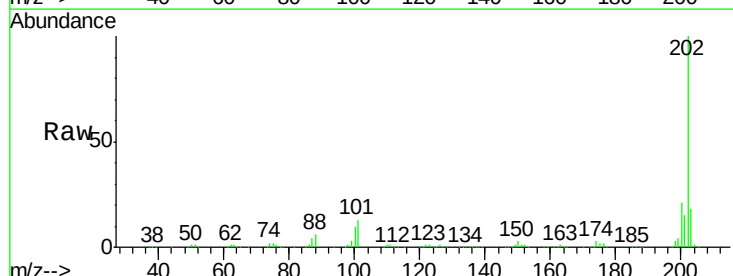
RT: 12.54 min Scan# 958

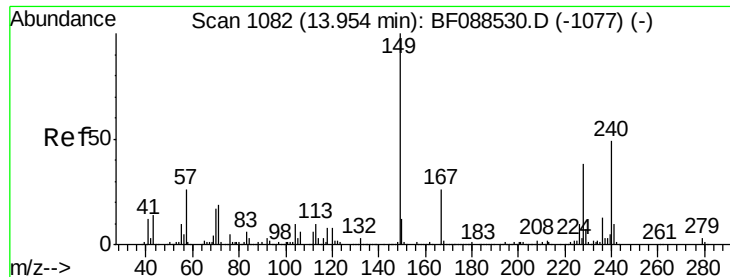
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:	202	Resp:	1013149
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion:240 Resp: 288509

Ion Ratio Lower Upper

240 100

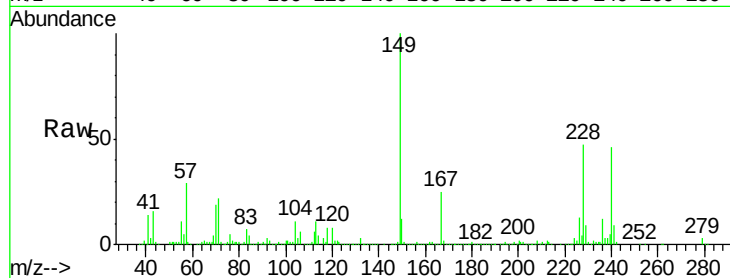
120 17.4 6.8 10.2#

236 25.6 20.2 30.2

Manual Integrations

SOHIL

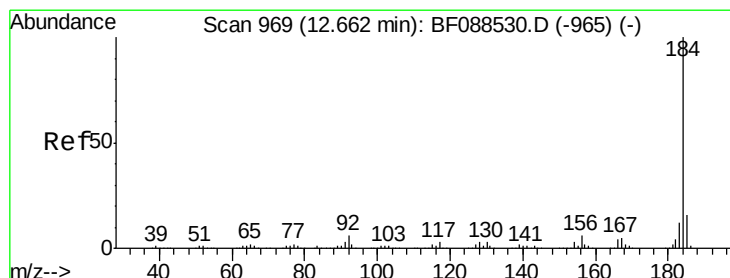
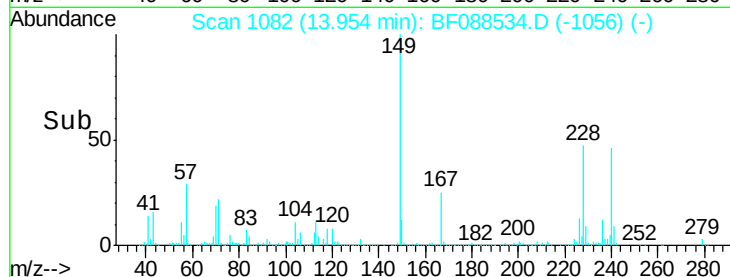
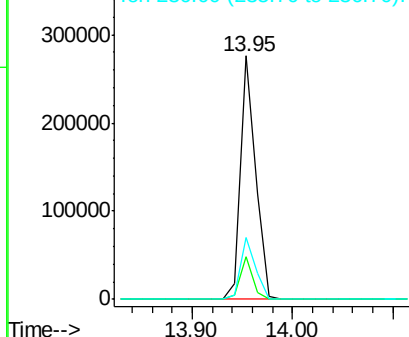
7/1/2016 8:06:59 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.55 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

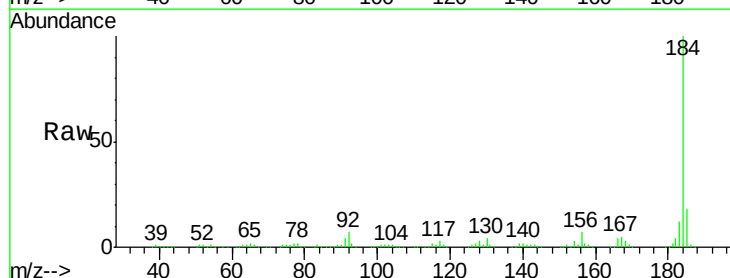
Tgt Ion:184 Resp: 635051

Ion Ratio Lower Upper

184 100

185 17.7 12.5 18.7

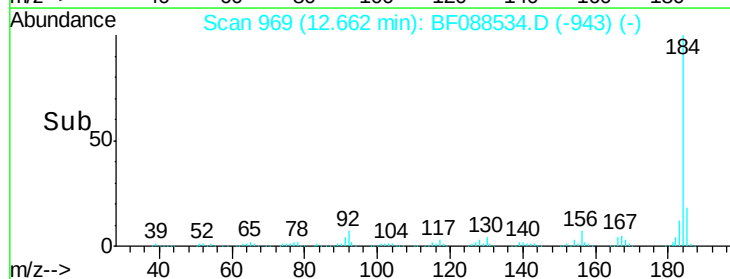
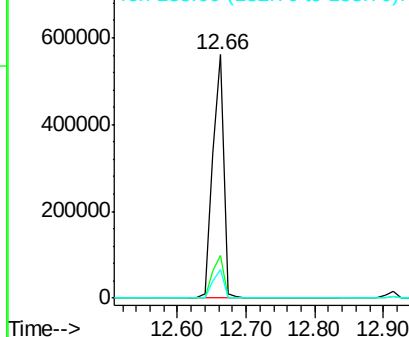
183 11.8 9.3 13.9

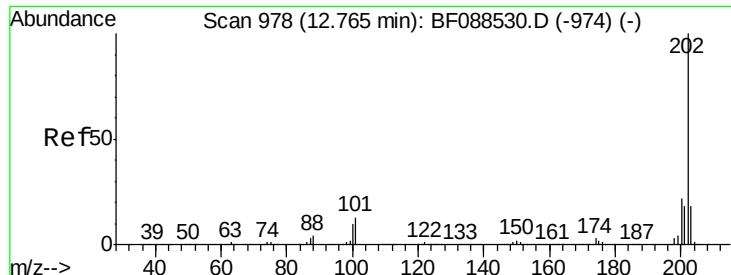


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





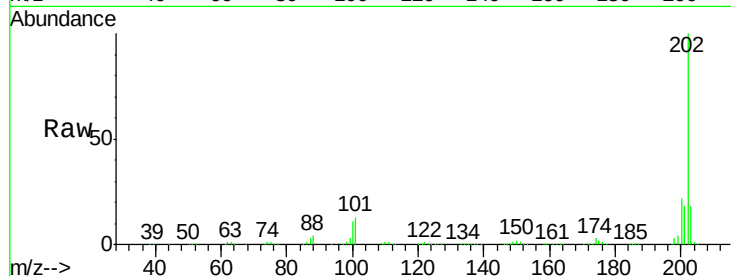
#77
 Pyrene
 Concen: 43.60 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

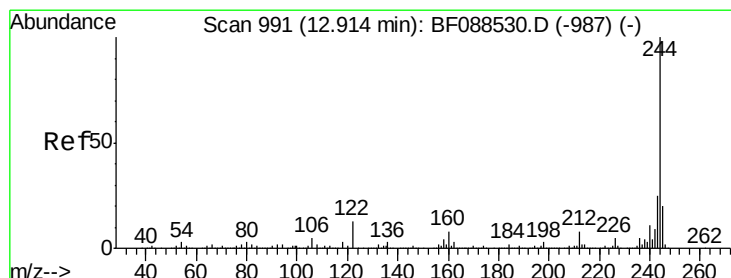
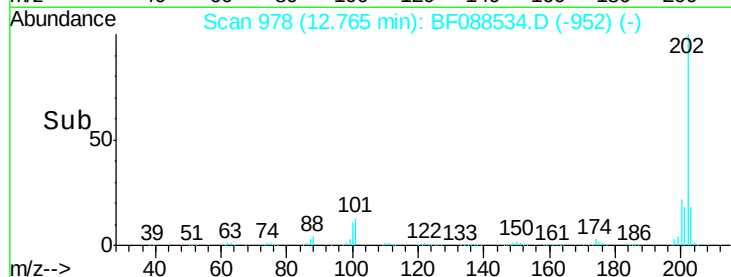
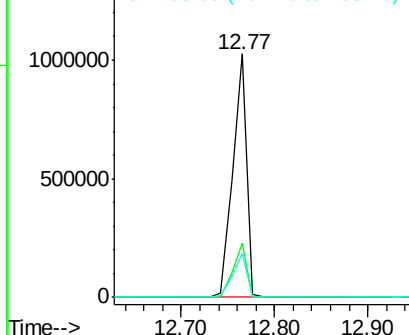
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.5	21.7

Manual Integrations

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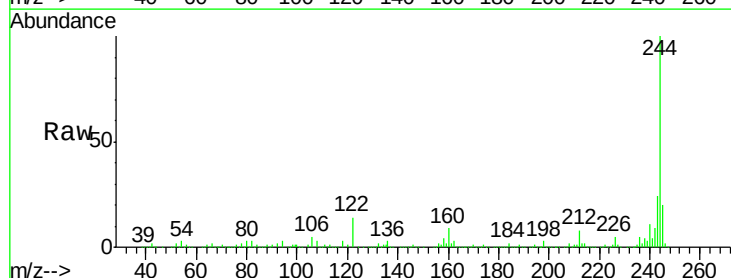


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

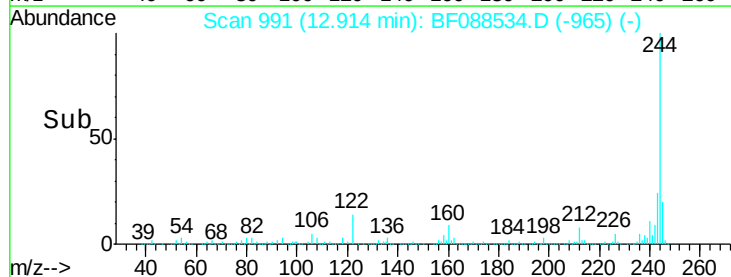
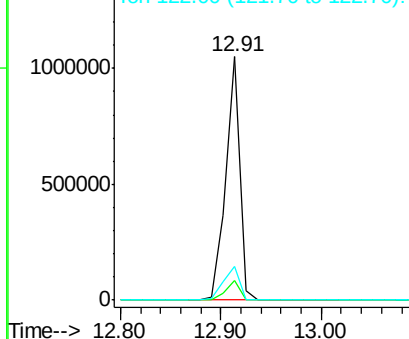


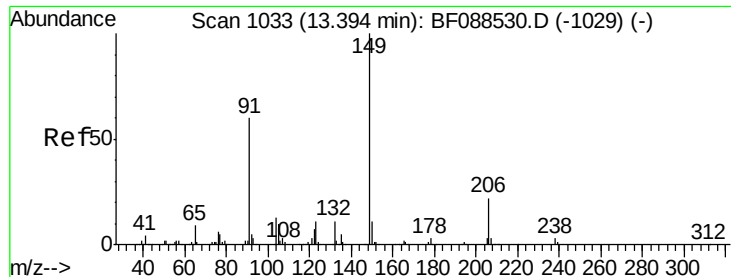
#78
 Terphenyl-d14
 Concen: 78.23 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	13.8	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 42.05 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF088534.D

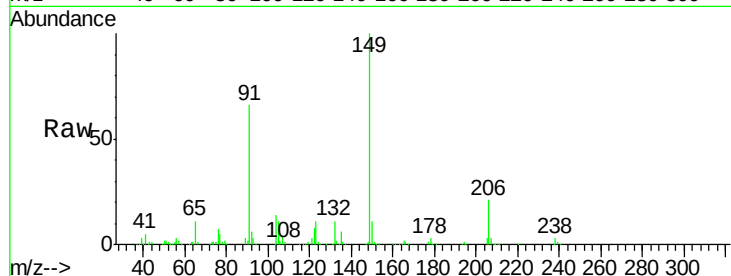
Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

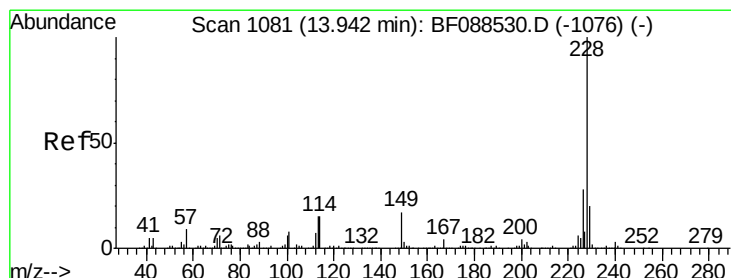
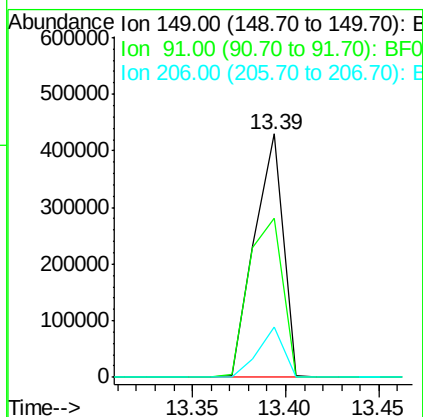


Tgt Ion:	149	Resp:	458800
Ion Ratio	Lower	Upper	
149	100		
91	65.6	48.0	72.0
206	20.9	16.0	24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 40.74 ng

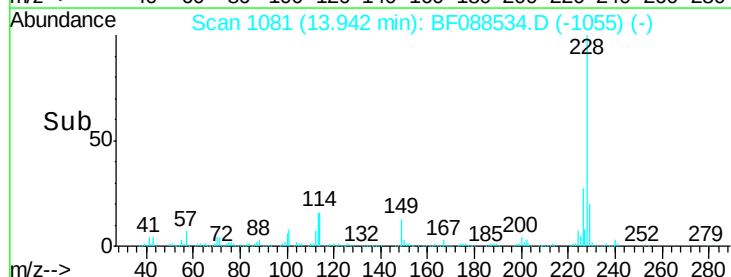
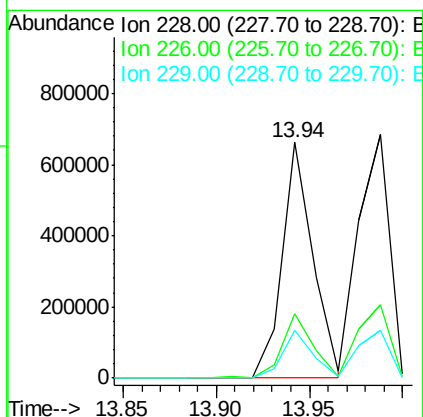
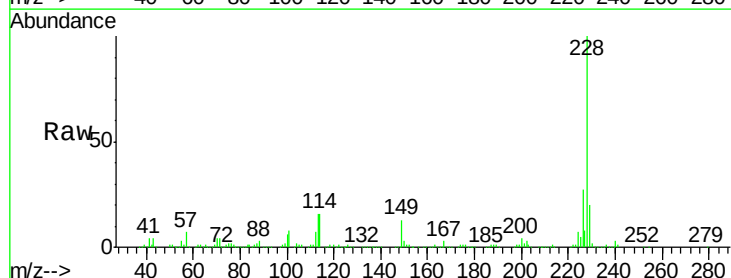
RT: 13.94 min Scan# 1081

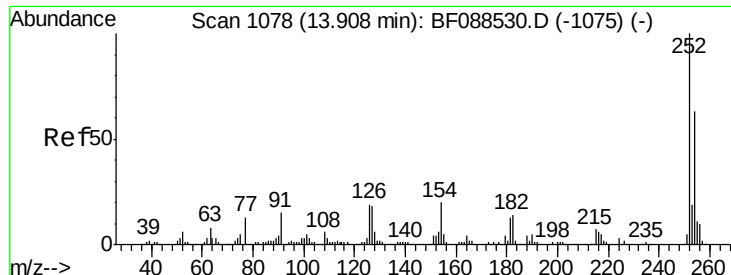
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:	228	Resp:	756788
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.3	33.5
229	20.1	16.0	24.0





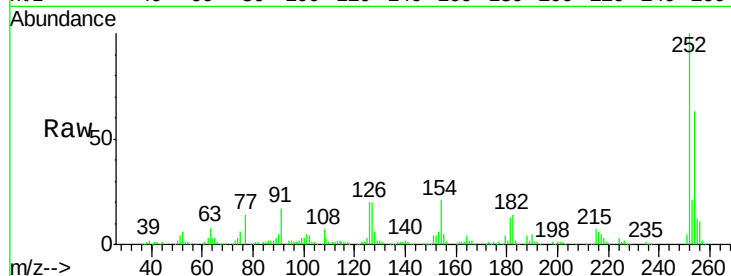
#81
 3,3'-Dichlorobenzidine
 Concen: 40.64 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

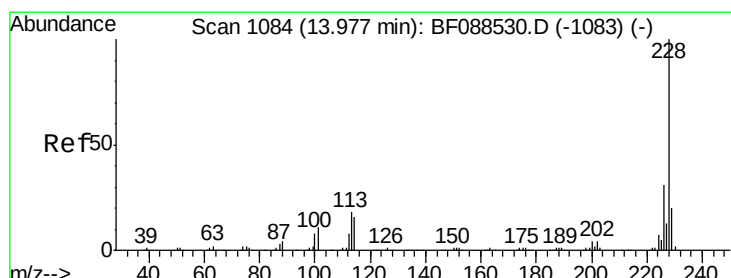
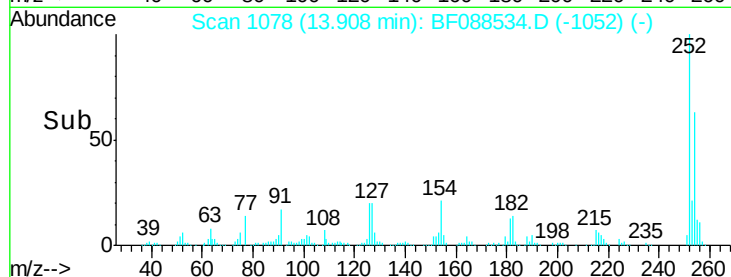
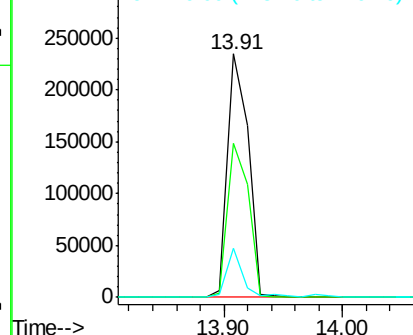
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	78.8
126	20.4	6.2	9.2

Manual Integrations

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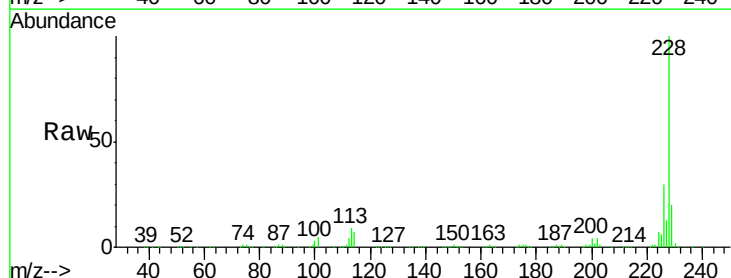


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

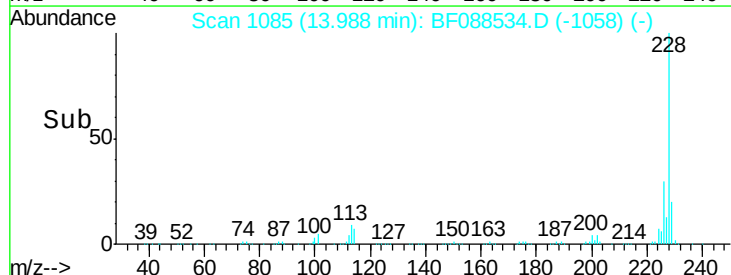
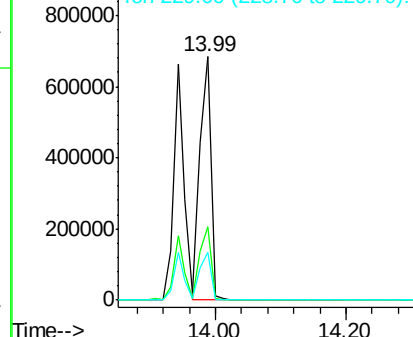


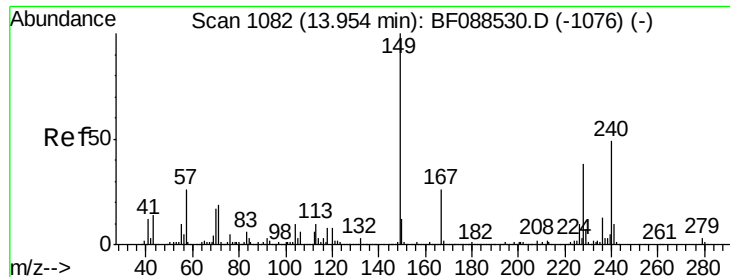
#82
 Chrysene
 Concen: 43.20 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	19.7	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: 42.58 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

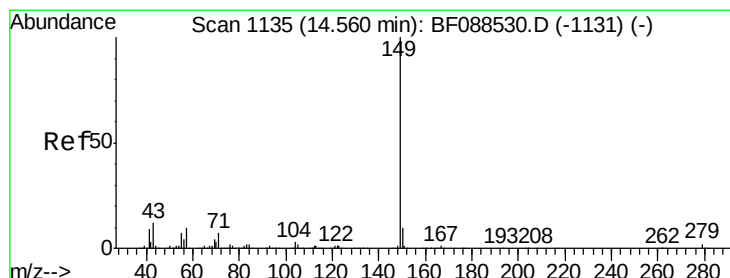
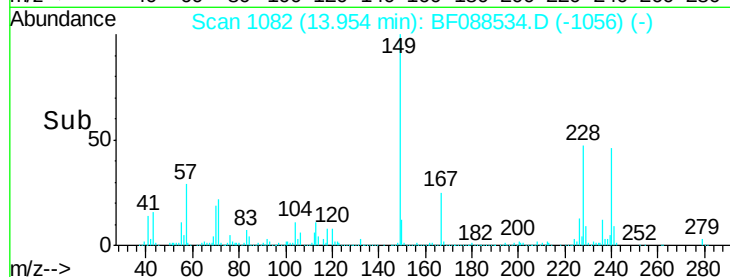
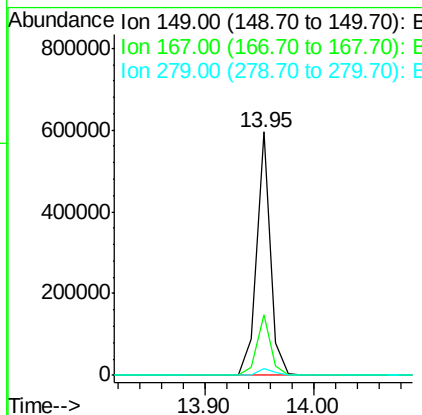
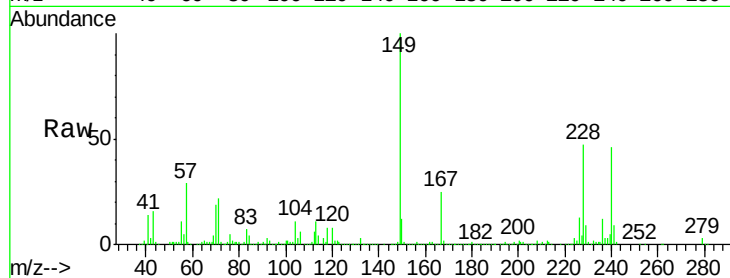
ICVBF063016

Tgt Ion:	149	Resp:	530409
Ion Ratio		Lower	Upper
149	100		
167	25.1	20.5	30.7
279	2.6	2.0	3.0

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 44.16 ng

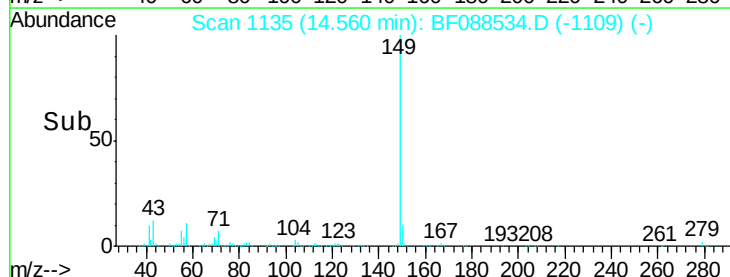
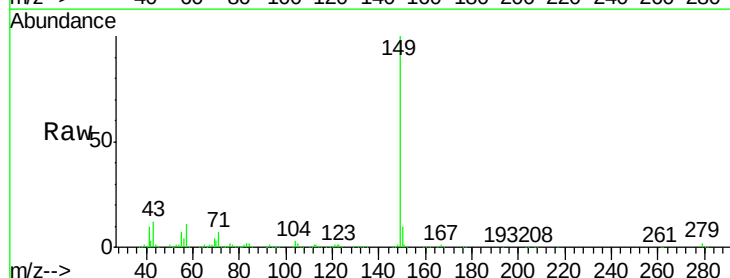
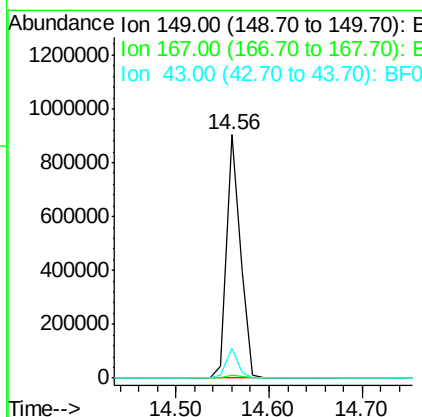
RT: 14.56 min Scan# 1135

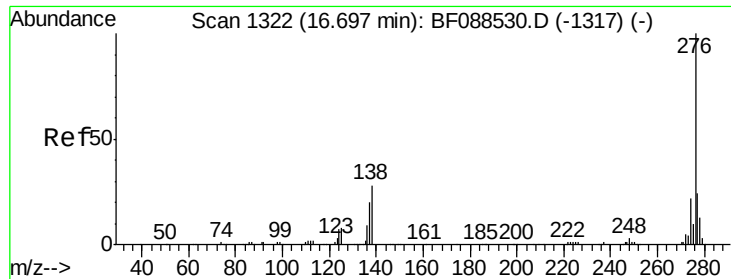
Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:	149	Resp:	934559
Ion Ratio		Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	10.5	0.0	0.0#





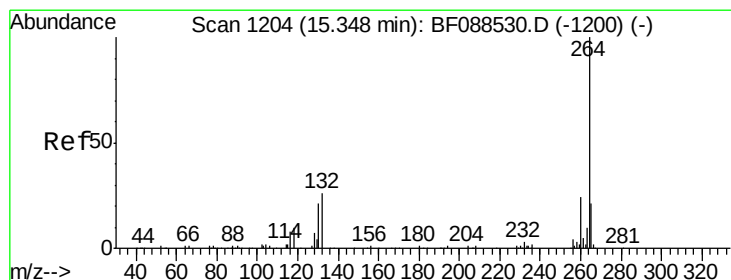
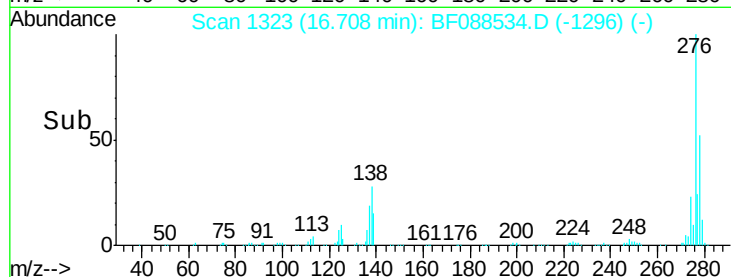
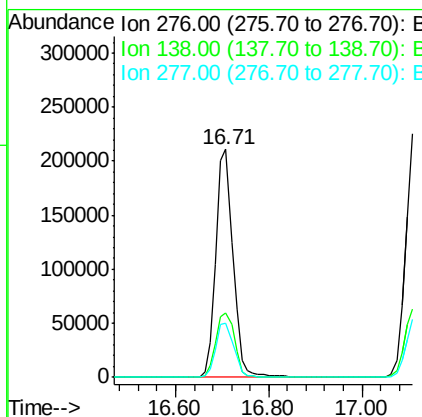
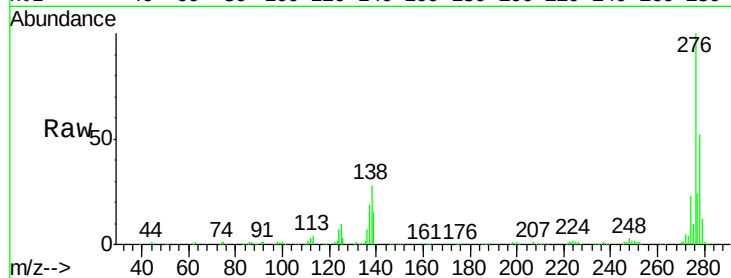
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.03 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	0.0	0.0#
277	25.0	0.0	0.0#

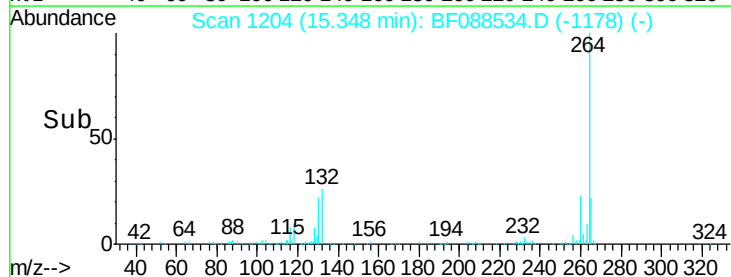
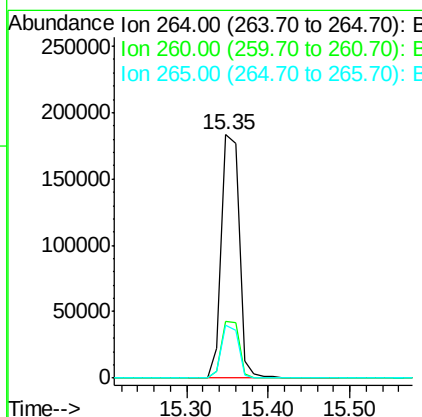
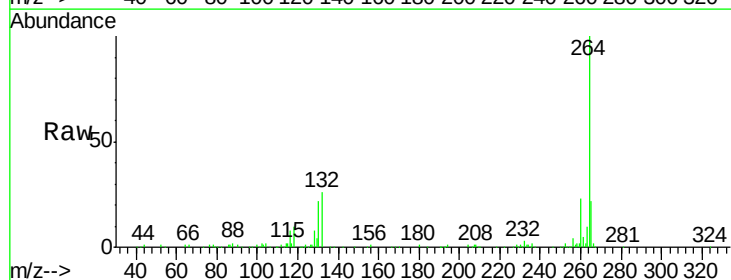
Manual Integrations

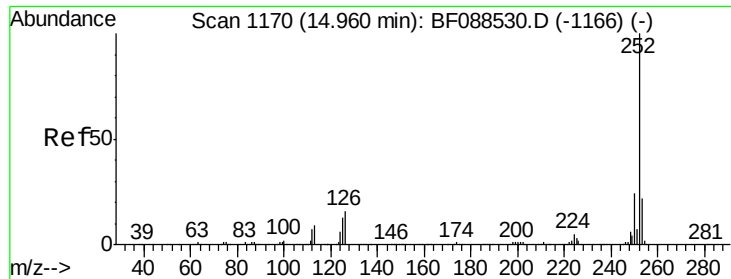
SOHIL
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	16.9	25.3





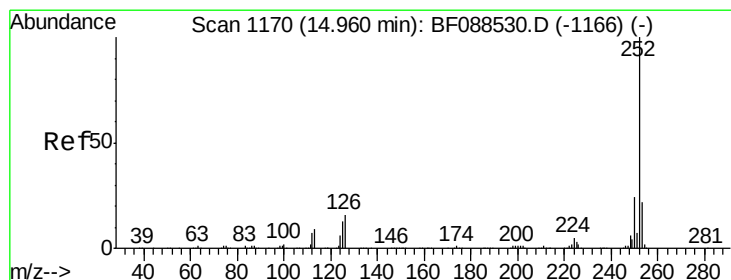
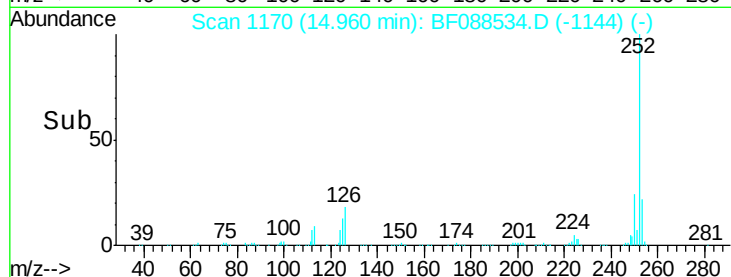
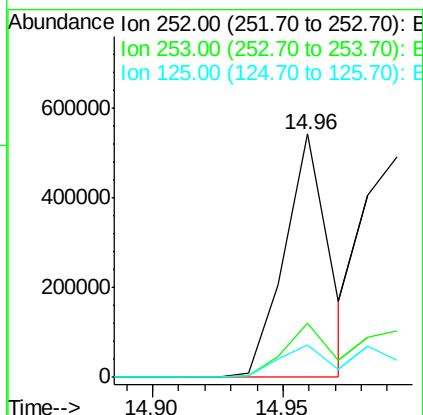
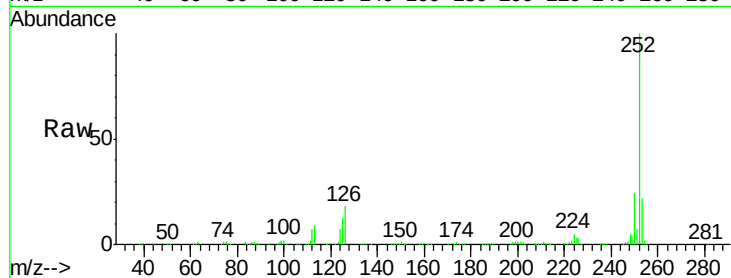
#87
Benzo(b)fluoranthene
Concen: 36.69 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.5	7.1	10.7

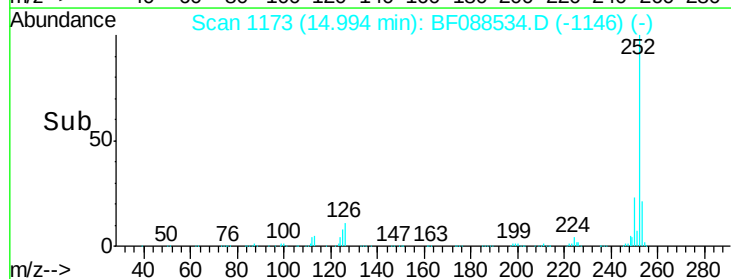
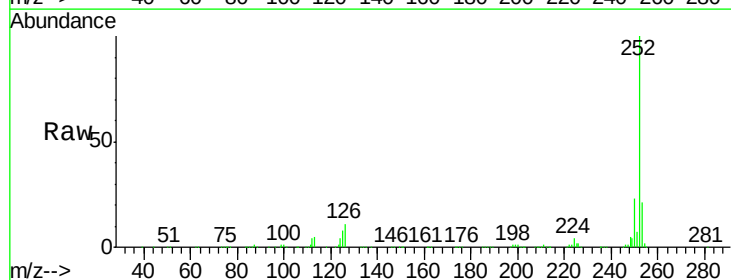
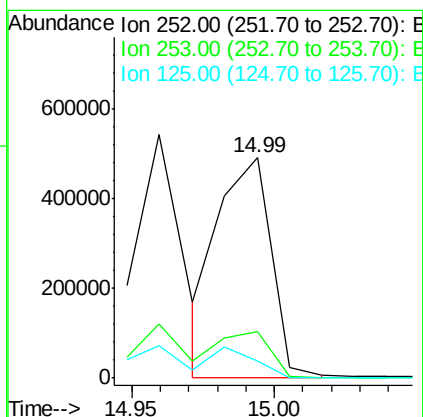
Manual Integrations

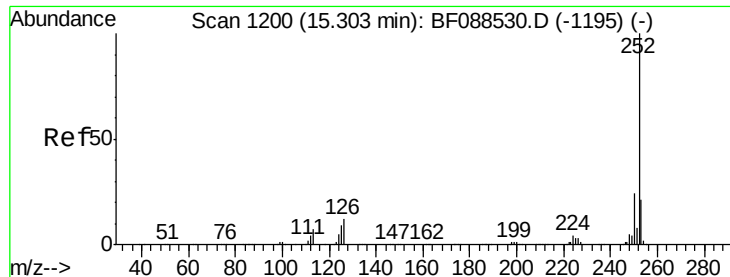
SOHIL
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#88
Benzo(k)fluoranthene
Concen: 42.08 ng m
RT: 14.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	7.7	11.2	16.8





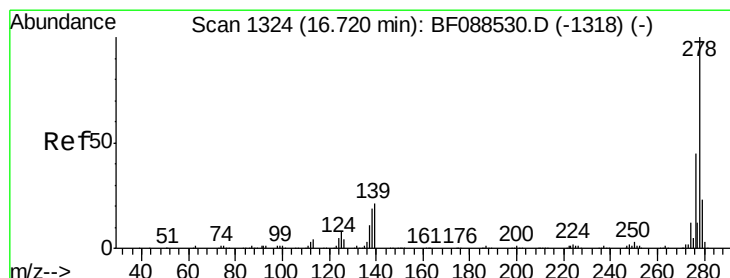
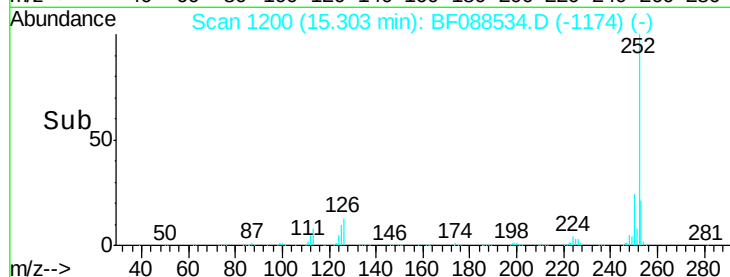
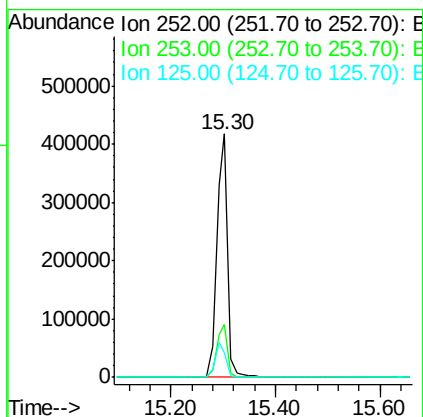
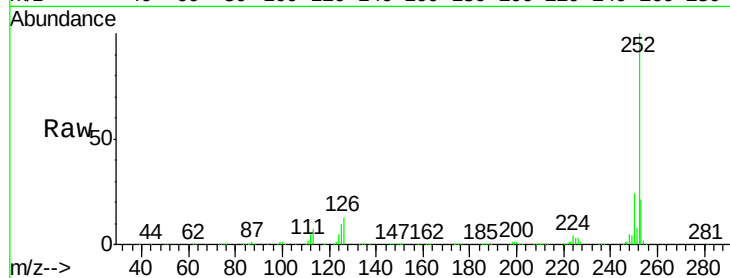
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.3	12.5	18.7

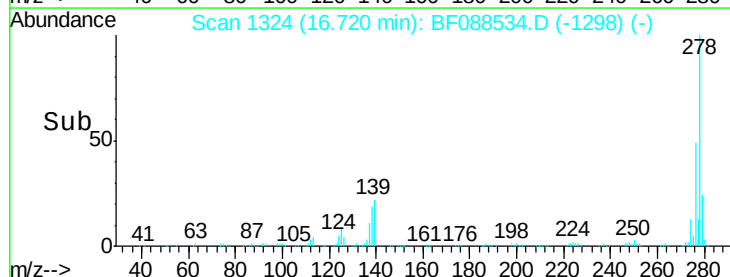
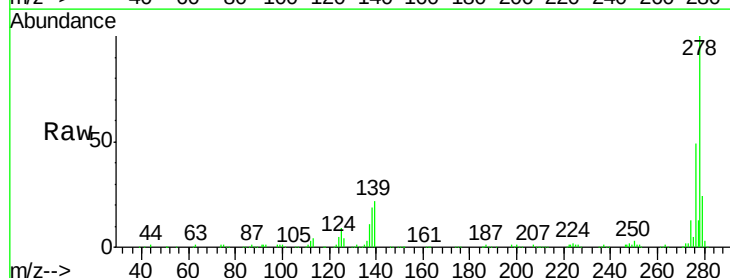
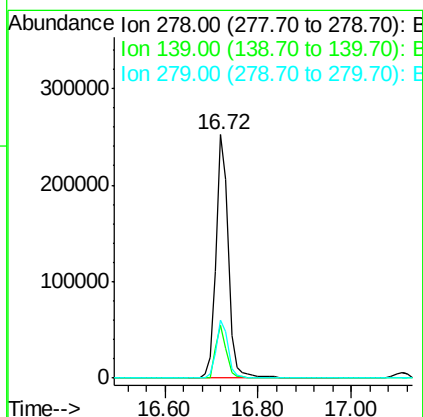
Manual Integrations

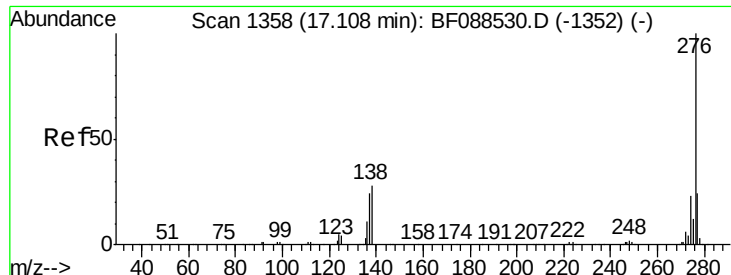
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#90
Dibenzo(a,h)anthracene
Concen: 37.93 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.7	23.5
279	24.0	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 37.09 ng

RT: 17.11 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF088534.D

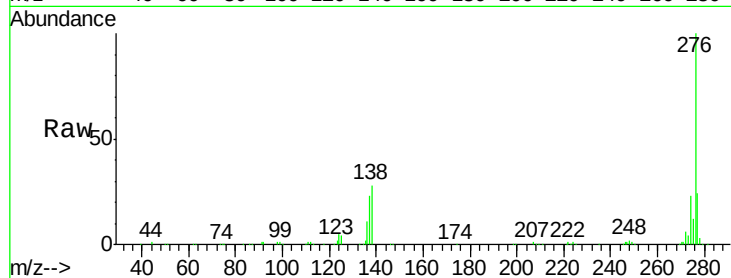
Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016



Tgt Ion: 276 Resp: 470851

Ion Ratio Lower Upper

276 100

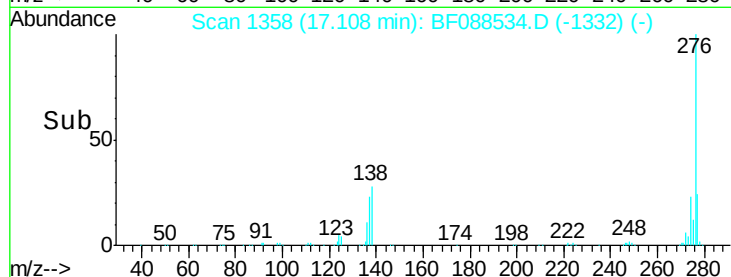
277 23.7 18.9 28.3

138 28.0 21.4 32.2

Manual Integrations

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

