

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083847.D
 Acq On : 16 Dec 2015 14:46
 Operator : UM/SJ
 Sample : G4772-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Manual Integrations
 APPROVED

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 12/17/2015 5:34:11 PM

Quant Time: Dec 17 03:48:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99995	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	422763	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	190547	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	365085	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	259223	20.00	ng	-0.02
86) Perylene-d12	15.48	264	202563	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	564991	91.15	ng	-0.02
7) Phenol-d6	6.53	99	776556	98.93	ng	-0.01
23) Nitrobenzene-d5	7.46	82	508783	67.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	207462	106.85	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	857355	60.68	ng	-0.03
78) Terphenyl-d14	12.99	244	780170	64.74	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	78119	26.06	ng	# 79
3) Pyridine	3.30	79	205176	27.21	ng	# 81
4) n-Nitrosodimethylamine	3.23	42	90810	31.83	ng	# 64
6) Aniline	6.56	93	255227	23.94	ng	# 81
8) 2-Chlorophenol	6.68	128	262021	35.97	ng	# 80
9) Benzaldehyde	6.43	77	126101	29.91	ng	97
10) Phenol	6.54	94	340893	37.73	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	216793	33.13	ng	92
12) 1,3-Dichlorobenzene	6.83	146	242055	31.31	ng	97
13) 1,4-Dichlorobenzene	6.91	146	266774	34.15	ng	99
14) 1,2-Dichlorobenzene	7.07	146	237220	33.80	ng	93
15) Benzyl Alcohol	7.04	79	235744	40.88	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	246759	29.05	ng	71
17) 2-Methylphenol	7.15	107	209700	35.81	ng	# 84
18) Hexachloroethane	7.41	117	94499	34.07	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	167896	34.93	ng	# 85
20) 3+4-Methylphenols	7.30	107	244260	35.33	ng	# 55
22) Acetophenone	7.30	105	314709	30.34	ng	# 96
24) Nitrobenzene	7.47	77	223990	28.48	ng	91
25) Isophorone	7.71	82	448692	30.26	ng	97
26) 2-Nitrophenol	7.79	139	127947	33.87	ng	# 84
27) 2,4-Dimethylphenol	7.84	122	233113	31.40	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	305175	36.07	ng	# 97
29) 2,4-Dichlorophenol	8.03	162	198867	32.63	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	209624	33.17	ng	95
31) Naphthalene	8.20	128	759757	34.48	ng	99
33) 4-Chloroaniline	8.25	127	157662	17.52	ng	# 82
34) Hexachlorobutadiene	8.33	225	114524	33.02	ng	98
35) Caprolactam	8.60	113	65872m	33.66	ng	
36) 4-Chloro-3-methylphenol	8.73	107	227848	31.96	ng	94
37) 2-Methylnaphthalene	8.89	142	460865	33.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	207712	36.95	ng	# 100
40) Hexachlorocyclopentadiene	9.05	237	154763	54.33	ng	99
42) 2,4,6-Trichlorophenol	9.17	196	137667	33.46	ng	98

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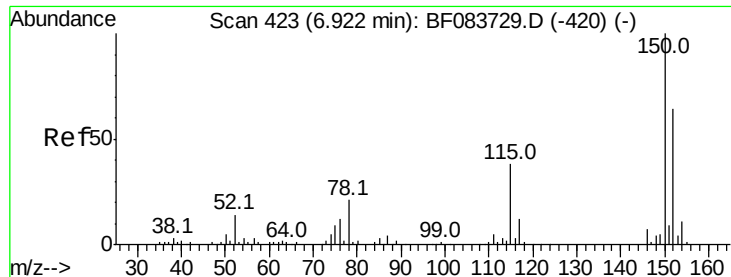
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	149877	38.40	nq	97
45) 1,1'-Biphenyl	9.36	154	596572	35.33	nq	95
46) 2-Chloronaphthalene	9.38	162	454214	36.44	nq	95
47) 2-Nitroaniline	9.47	65	142655	40.35	nq	# 64
48) Acenaphthylene	9.79	152	676040	32.23	nq	99
49) Dimethylphthalate	9.65	163	626319	42.16	nq	99
50) 2,6-Dinitrotoluene	9.71	165	109390	34.70	nq	91
51) Acenaphthene	9.96	154	424754	33.50	nq	99
52) 3-Nitroaniline	9.88	138	100141	27.55	nq	# 61
53) 2,4-Dinitrophenol	9.98	184	52738	41.56	nq	# 84
54) Dibenzofuran	10.13	168	577405	34.37	nq	# 89
55) 4-Nitrophenol	10.04	139	176838	65.70	nq	86
56) 2,4-Dinitrotoluene	10.12	165	162343	39.42	nq	# 51
57) Fluorene	10.48	166	445459	33.67	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	117330	40.08	nq	# 100
59) Diethylphthalate	10.35	149	516942	34.37	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	208790	34.61	nq	# 81
61) 4-Nitroaniline	10.50	138	127819	39.89	nq	88
62) Azobenzene	10.62	77	502156	36.63	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	67495	32.49	nq	92
65) n-Nitrosodiphenylamine	10.59	169	461089	36.93	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	131820	32.29	nq	# 81
67) Hexachlorobenzene	11.02	284	148751	33.68	nq	# 85
68) Atrazine	11.12	200	137291	38.64	nq	98
69) Pentachlorophenol	11.22	266	136953	54.97	nq	98
70) Phenanthrene	11.44	178	658428	33.95	nq	99
71) Anthracene	11.49	178	731128	36.30	nq	99
72) Carbazole	11.64	167	685633	36.53	nq	# 96
73) Di-n-butylphthalate	11.97	149	766254	33.62	nq	99
74) Fluoranthene	12.63	202	756969	37.77	nq	98
76) Benzidine	12.74	184	194554	24.63	nq	96
77) Pyrene	12.85	202	756956	36.95	nq	99
79) Butylbenzylphthalate	13.47	149	347991	39.57	nq	89
80) Benzo(a)anthracene	14.04	228	546176	37.05	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	133617	25.13	nq	97
82) Chrysene	14.08	228	548551	38.15	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	390682	39.04	nq	# 98
84) Di-n-octyl phthalate	14.64	149	645120	40.57	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.91	276	452494	32.05	nq	# 100
87) Benzo(b)fluoranthene	15.07	252	466047m	36.06	nq	
88) Benzo(k)fluoranthene	15.09	252	428342m	36.58	nq	
89) Benzo(a)pyrene	15.43	252	418776	36.32	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	378527	33.01	nq	98
91) Benzo(g,h,i)perylene	17.33	276	387002	32.83	nq	98

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



#1

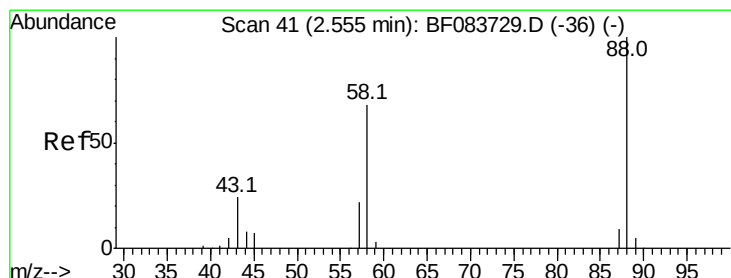
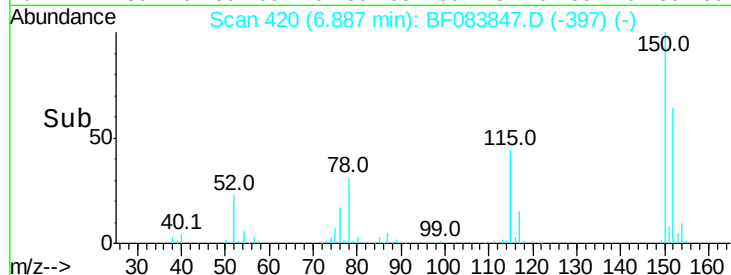
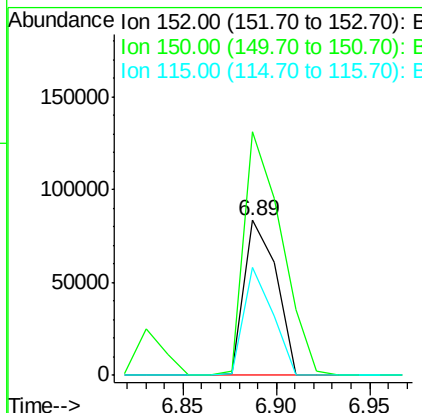
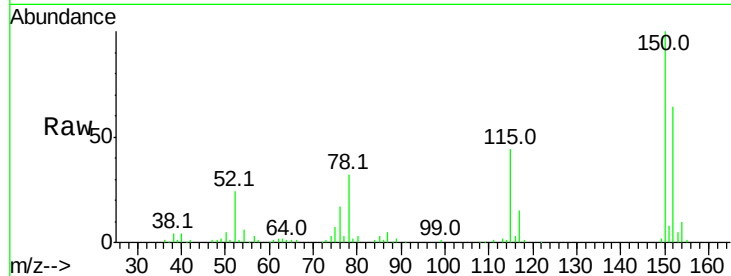
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.5	189.7
115	69.7	52.3	78.5

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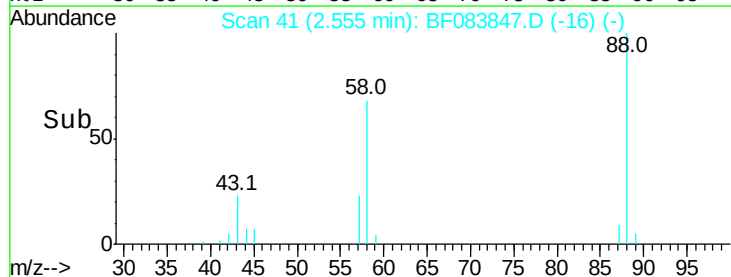
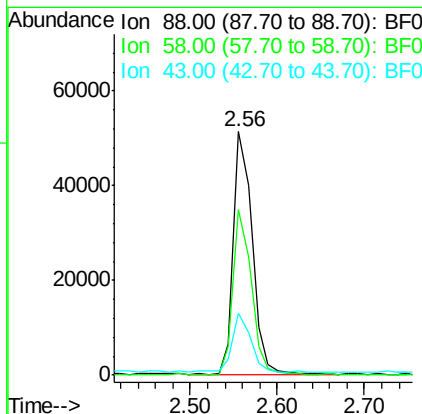
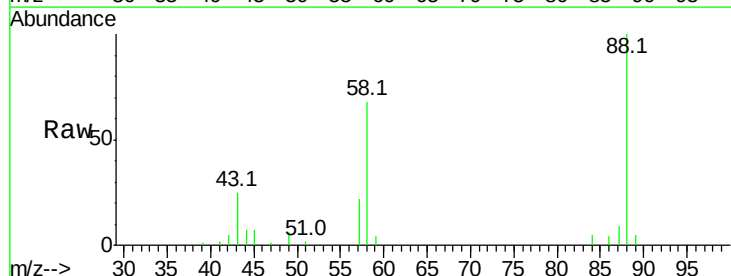
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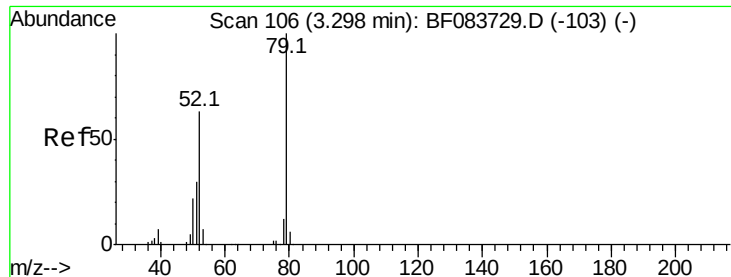


#2

1,4-Dioxane
Concen: 26.06 ng
RT: 2.56 min Scan# 41
Delta R.T. -0.01 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	68.0	102.0#
43	22.6	27.9	41.9#





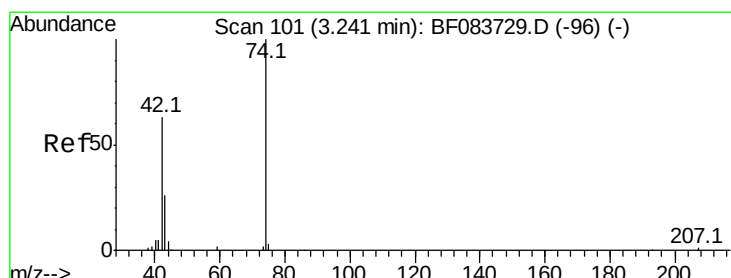
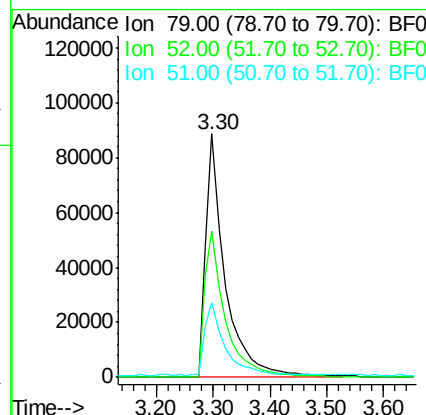
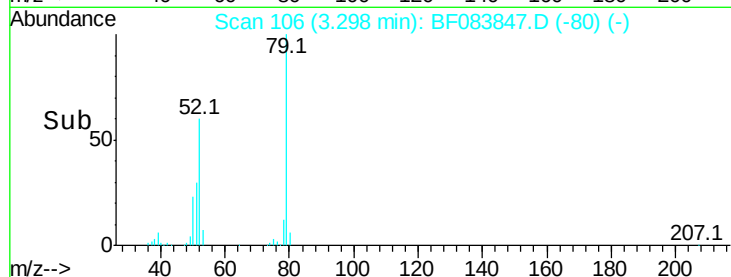
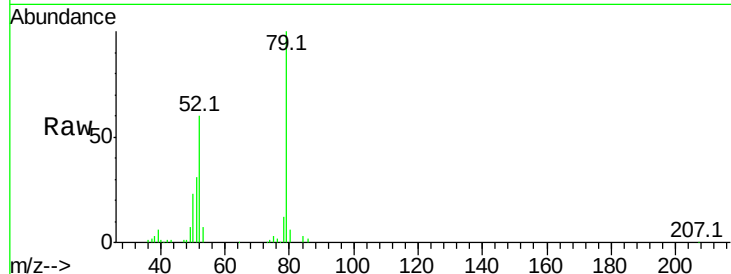
#3
Pvridine
Concen: 27.21 ng
RT: 3.30 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.1	63.7	95.5#
51	30.8	30.6	45.8

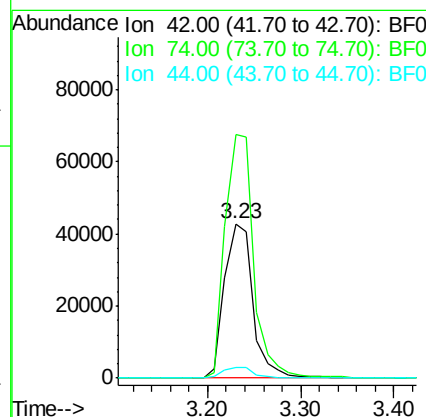
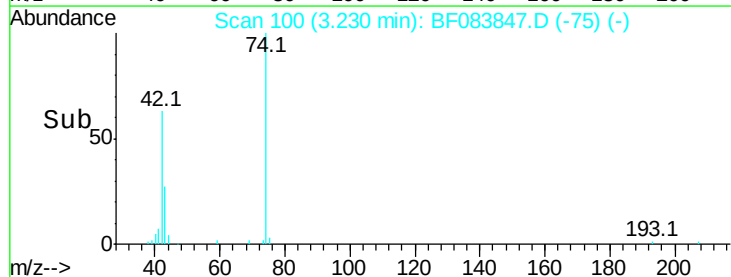
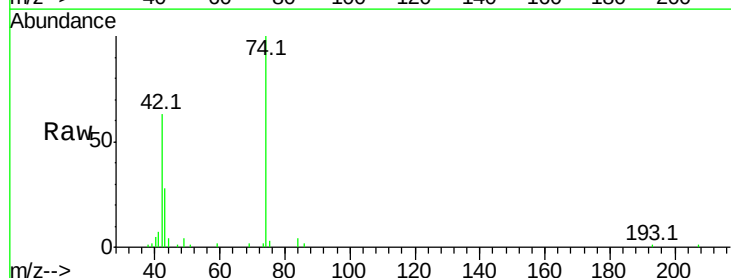
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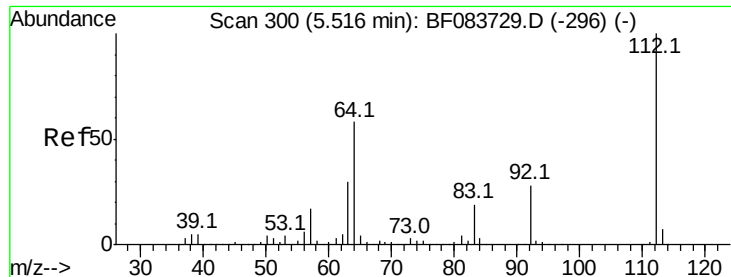
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#4
n-Nitrosodimethylamine
Concen: 31.83 ng
RT: 3.23 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.6	92.9	139.3#
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 91.15 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

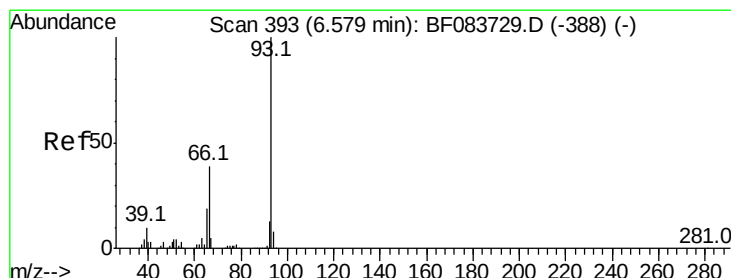
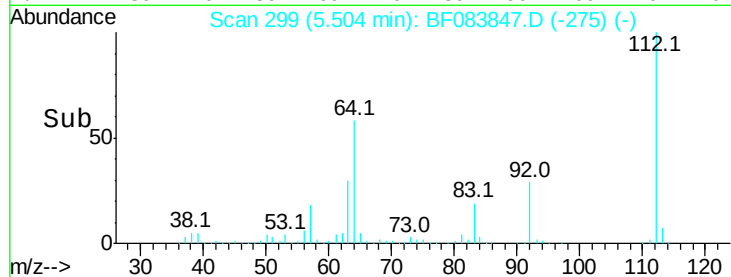
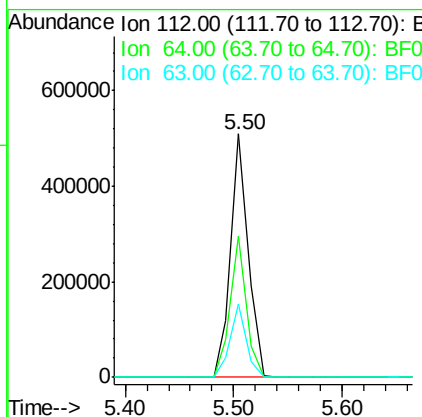
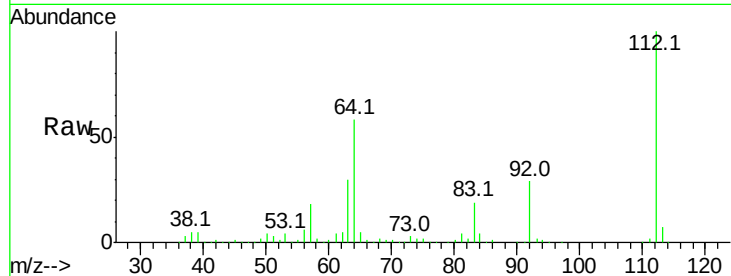
ClientSampleId :

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Tot Ion:	112	Resp:	564991
Ion Ratio	Lower	Upper	
112	100		
64	58.0	50.5	75.7
63	30.4	25.8	38.6

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#6

Aniline

Concen: 23.94 ng

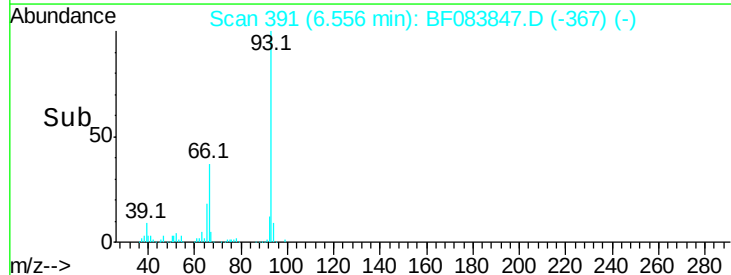
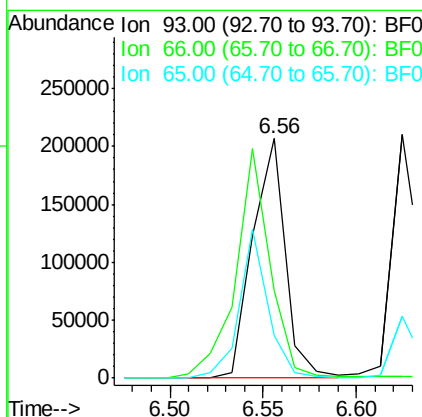
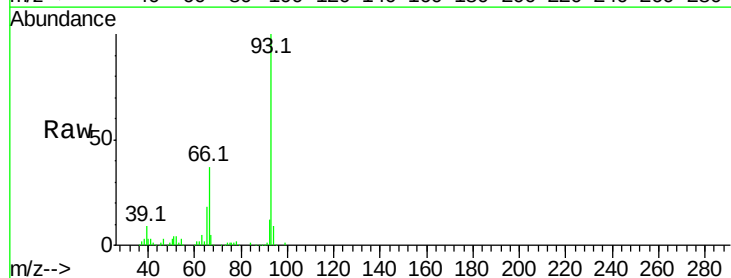
RT: 6.56 min Scan# 391

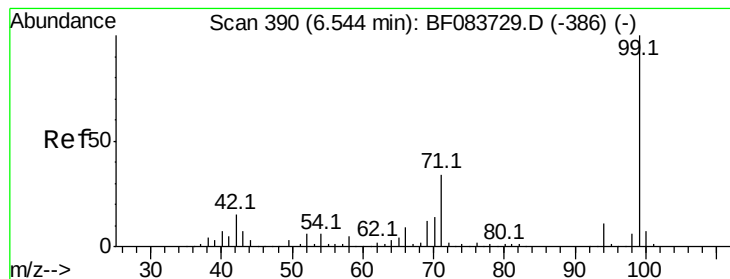
Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	93	Resp:	255227
Ion Ratio	Lower	Upper	
93	100		
66	36.7	41.3	61.9#
65	17.9	20.8	31.2#





#7

Phenol-d6

Concen: 98.93 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

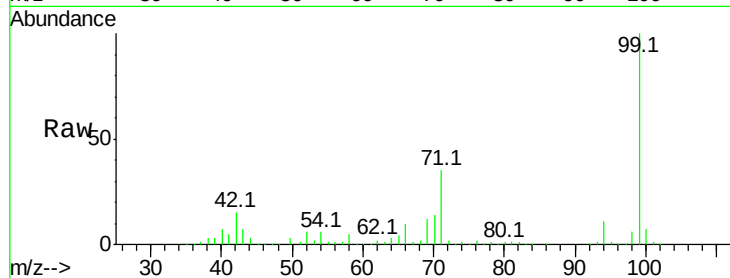
ClientSampleId :

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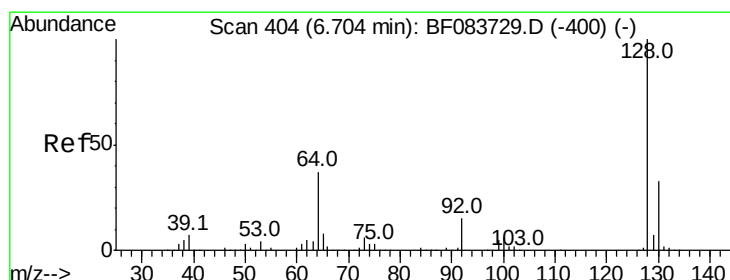
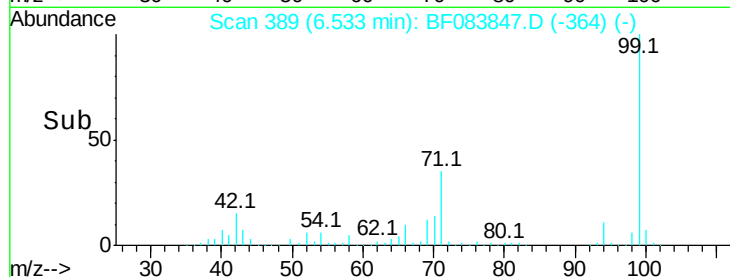
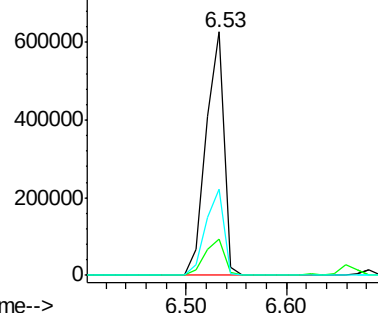
Tot Ion:	99	Resp:	776556
Ion Ratio	Lower	Upper	
99	100		
42	14.7	17.3	25.9#
71	35.4	26.6	40.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.97 ng

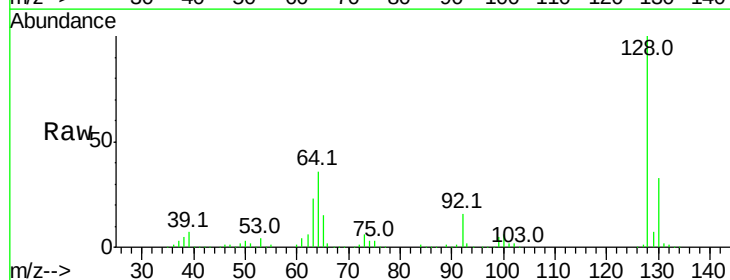
RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

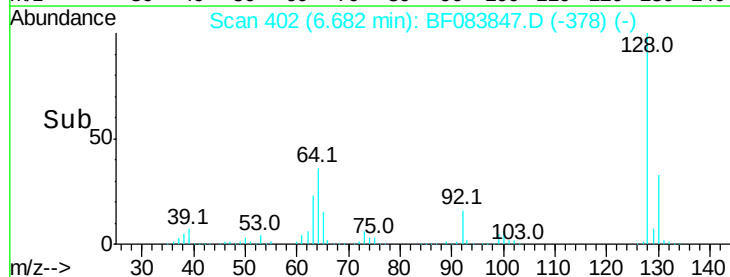
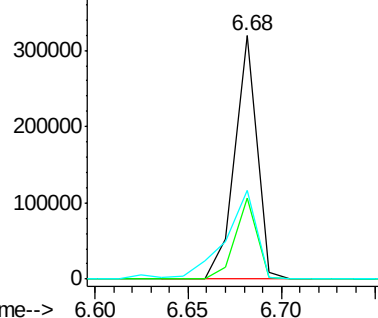
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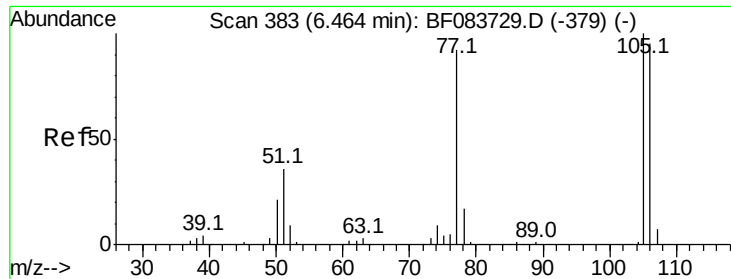
Acq: 16 Dec 2015 14:46

Tgt Ion:	128	Resp:	262021
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.6	52.6
64	36.2	38.6	78.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.91 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

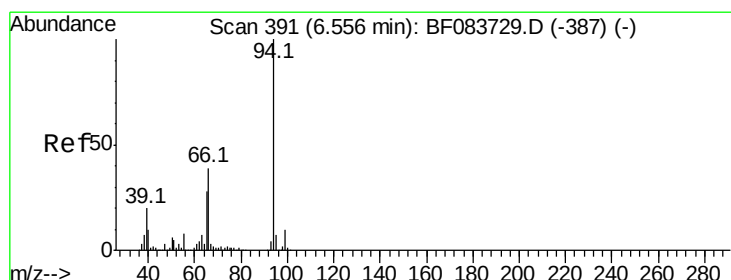
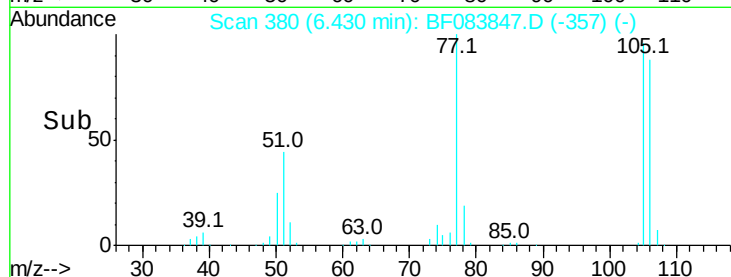
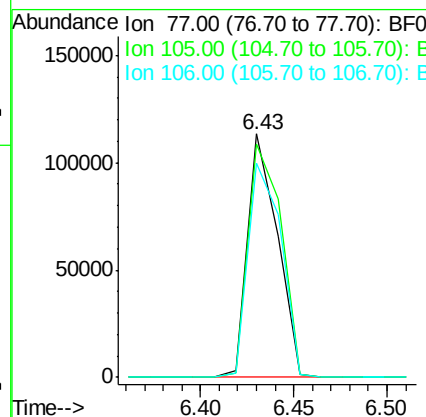
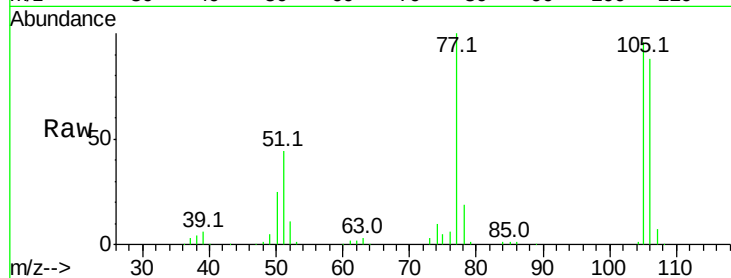
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	77	Resp:	126101
Ion Ratio	Lower	Upper	
77	100		
105	96.0	71.8	111.8
106	88.1	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 37.73 ng

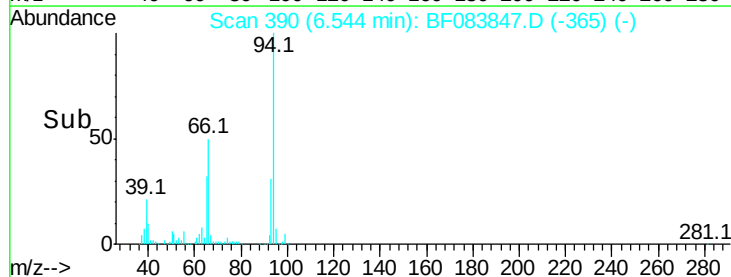
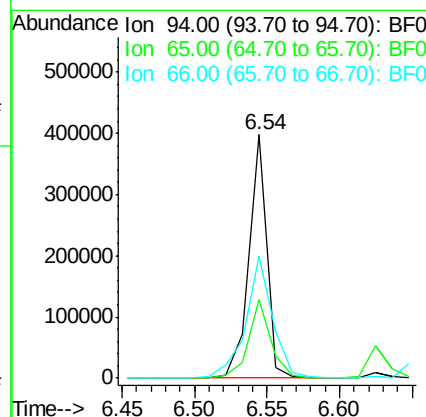
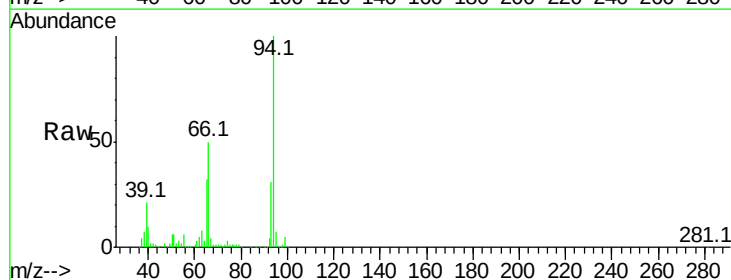
RT: 6.54 min Scan# 390

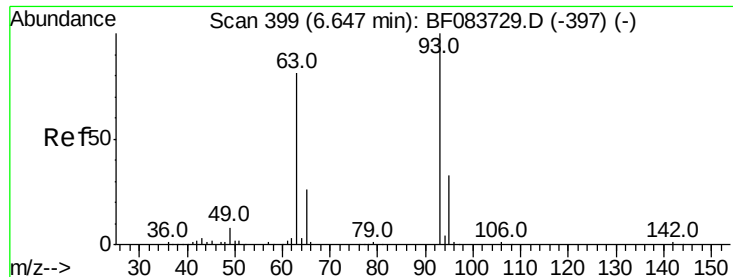
Delta R.T. -0.01 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	94	Resp:	340893
Ion Ratio	Lower	Upper	
94	100		
65	32.3	20.9	60.9
66	49.9	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 33.13 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion: 93 Resp: 216793

Ion Ratio Lower Upper

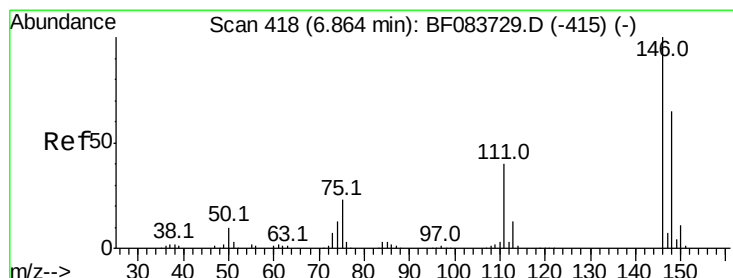
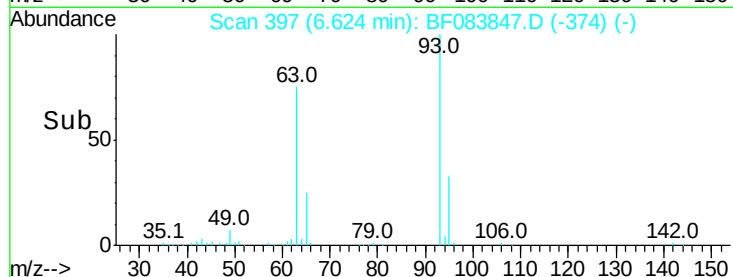
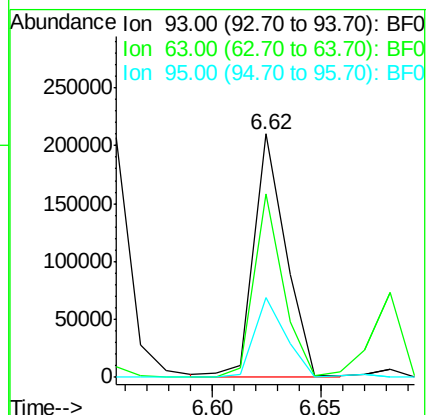
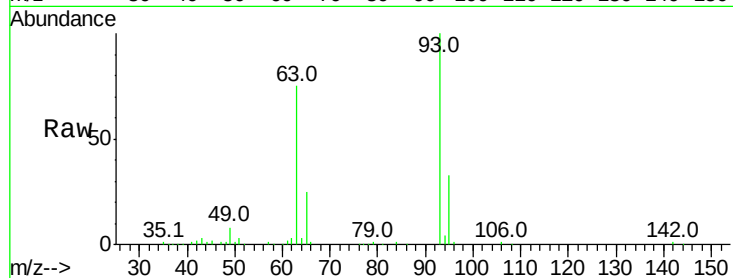
93 100

63 75.1 64.7 104.7

95 32.8 12.7 52.7

Manual Integrations
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MMdadoda
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#12

1,3-Dichlorobenzene

Concen: 31.31 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

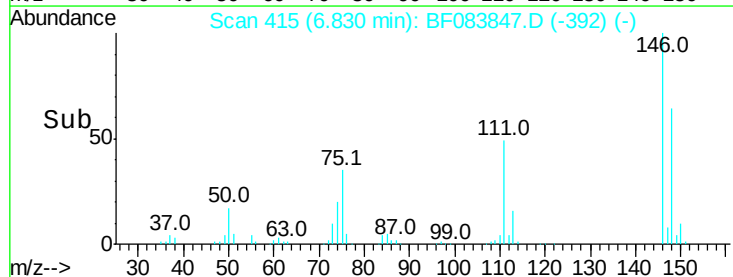
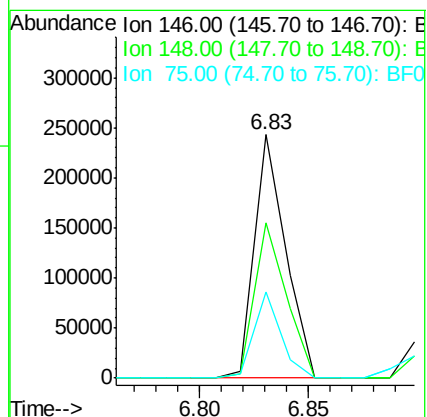
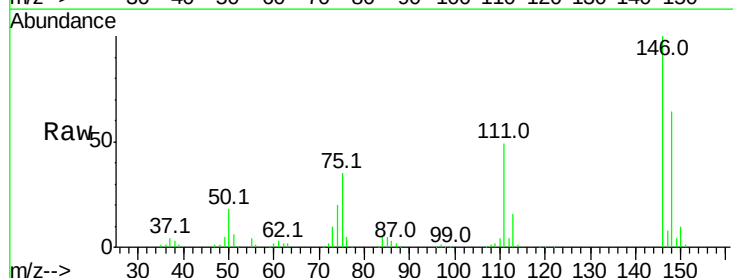
Tgt Ion: 146 Resp: 242055

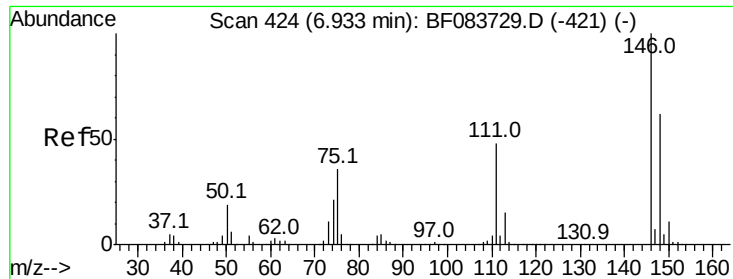
Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

75 35.2 24.1 36.1





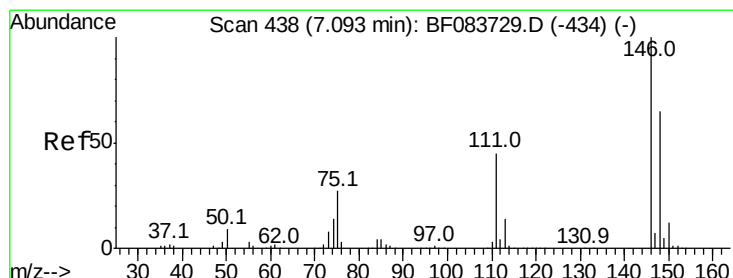
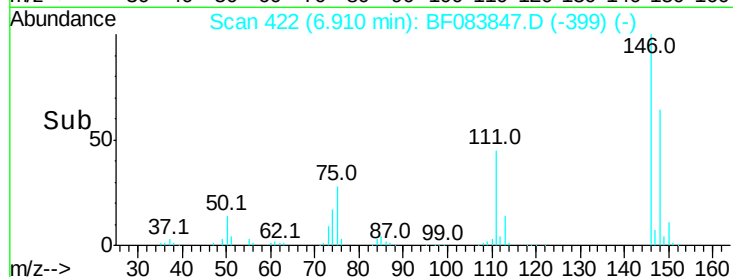
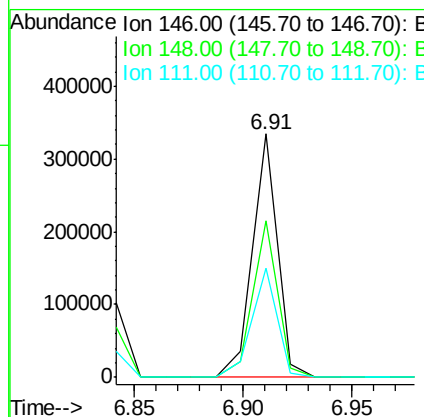
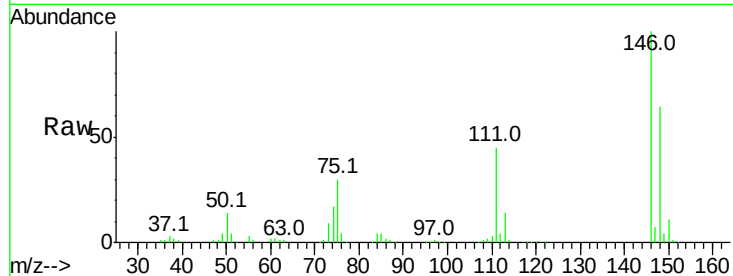
#13
 1,4-Dichlorobenzene
 Concen: 34.15 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	44.7	36.1	54.1

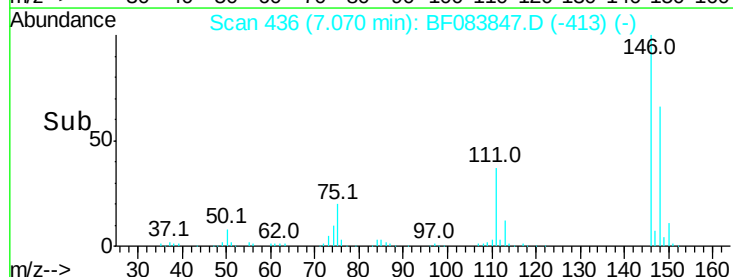
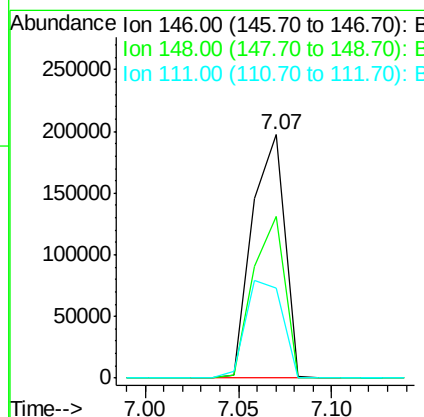
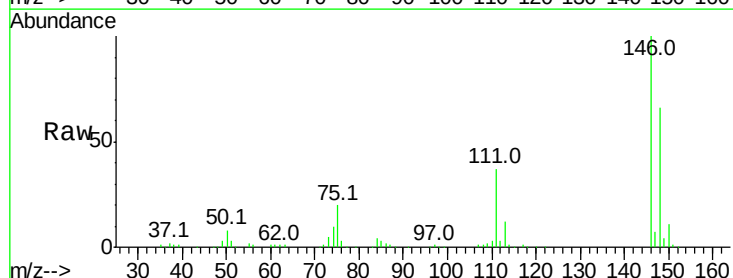
Manual Integrations
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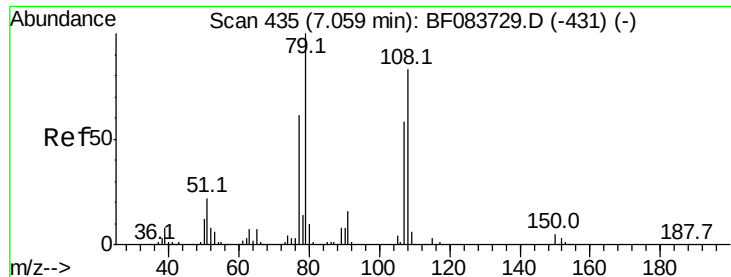
MMdadoda
 12/17/2015 5:34:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.80 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.4	77.0
111	36.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 40.88 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

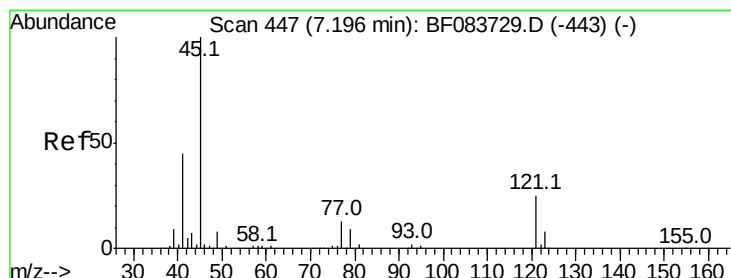
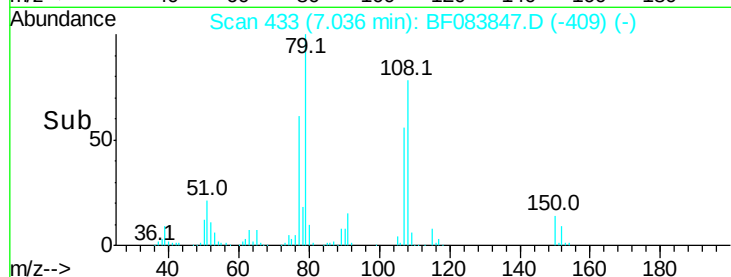
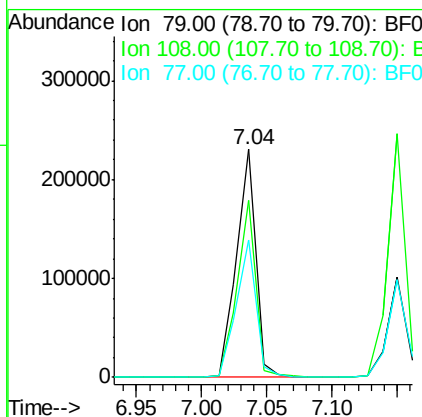
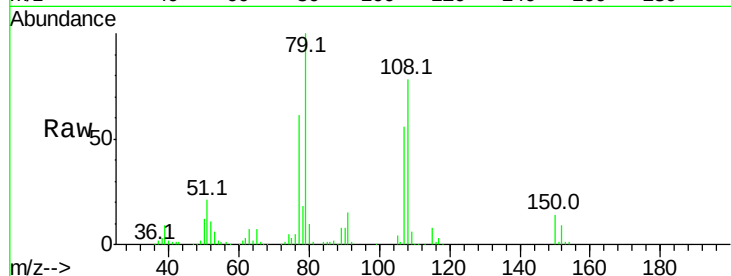
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	79	Resp:	235744
Ion Ratio	Lower	Upper	
79	100		
108	77.9	59.6	89.4
77	60.5	49.8	74.6

Manual Integrations
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MMdadoda
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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.05 ng

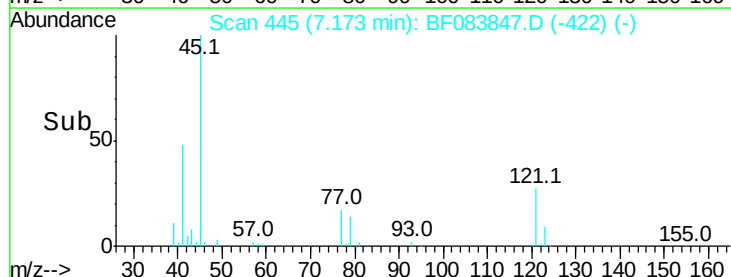
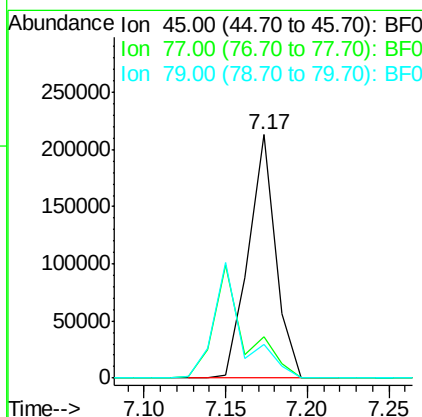
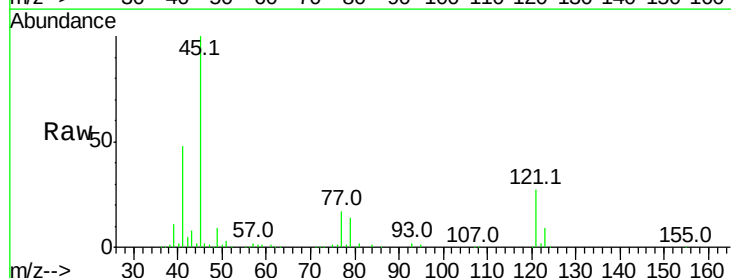
RT: 7.17 min Scan# 445

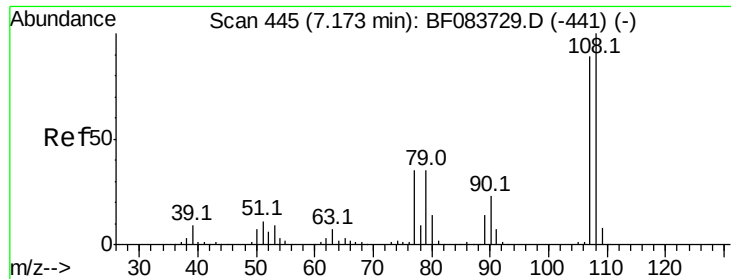
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	45	Resp:	246759
Ion Ratio	Lower	Upper	
45	100		
77	17.1	12.8	52.8
79	13.8	10.7	50.7





#17

2-Methylphenol

Concen: 35.81 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:107 Resp: 209700

Ion Ratio Lower Upper

107 100

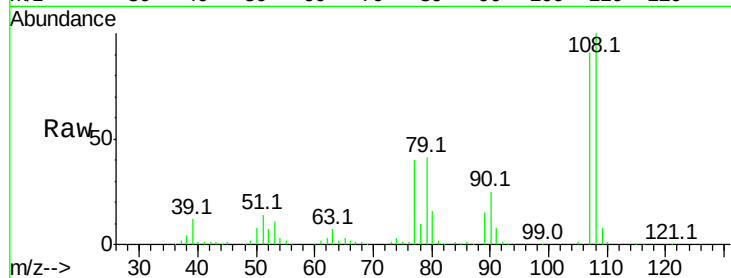
108 110.0 91.6 137.4

77 44.1 53.7 80.5#

79 45.2 50.2 75.4#

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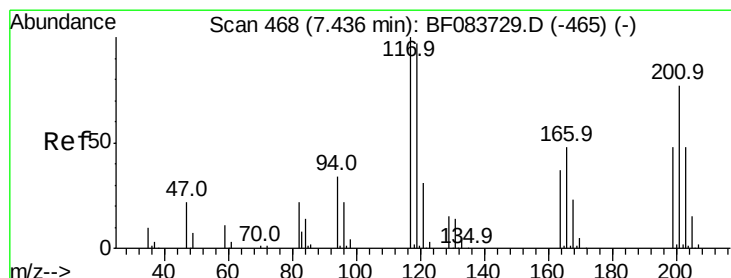
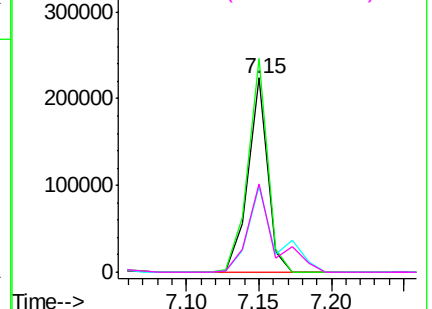
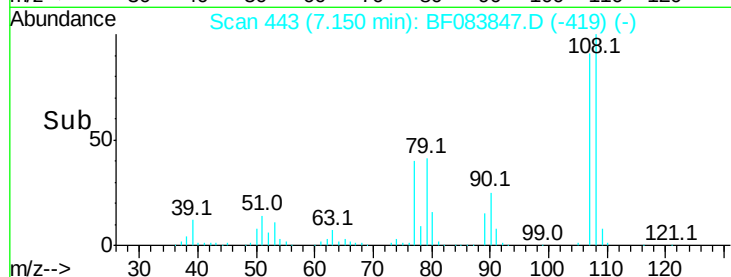


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.07 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

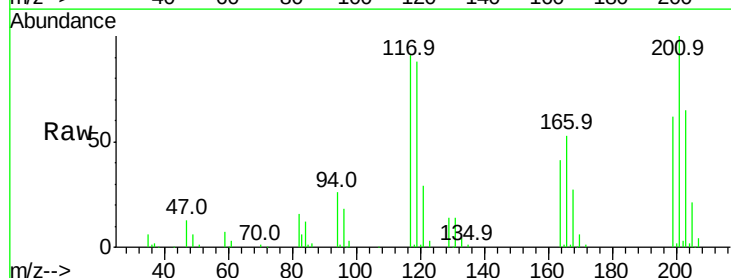
Tgt Ion:117 Resp: 94499

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

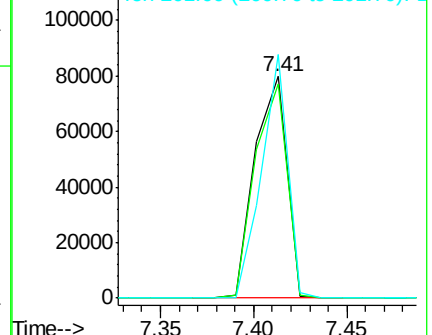
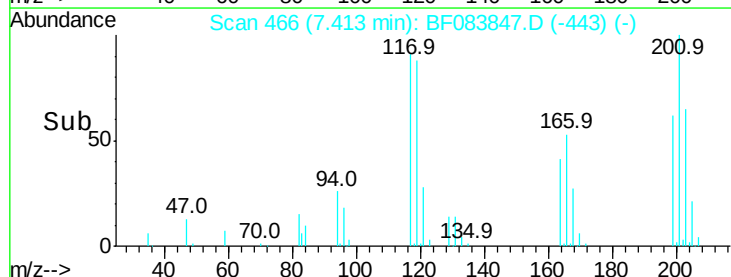
201 109.9 86.8 130.2

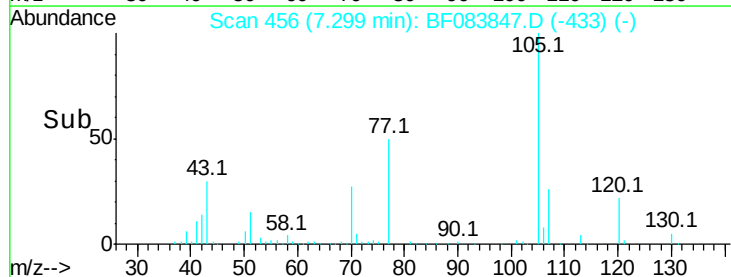
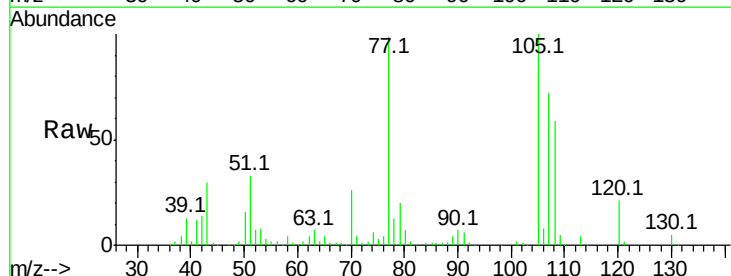
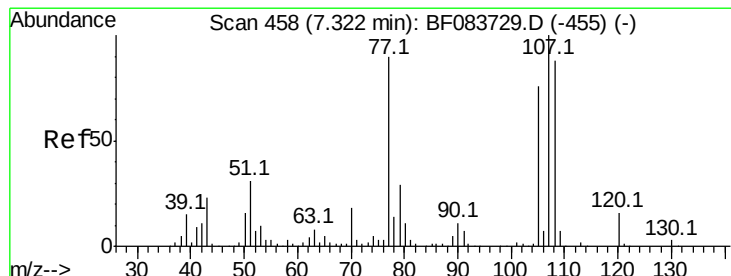
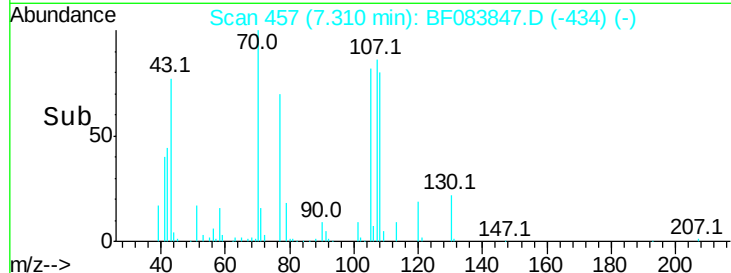
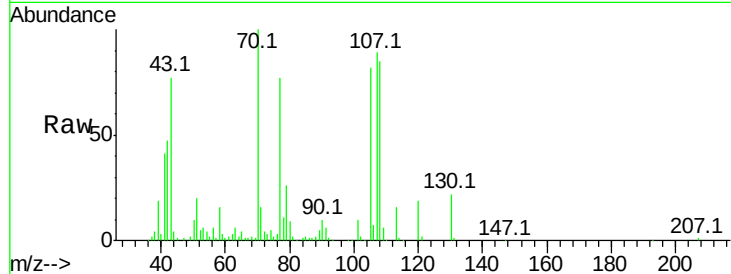
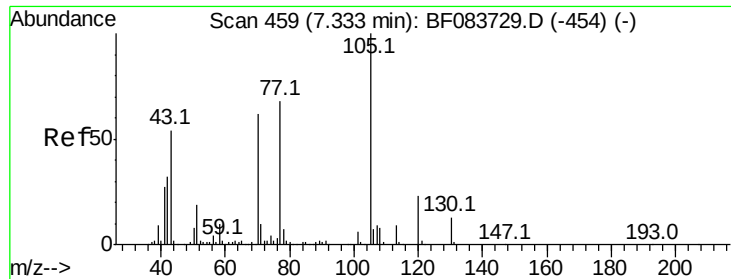


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.93 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tot Ion: 70 Resp: 167896

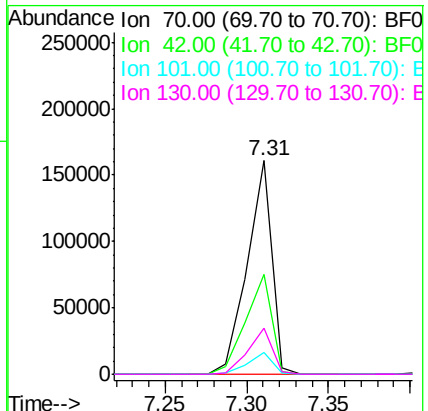
Ion Ratio Lower Upper

70 100

42 46.8 49.2 73.8#

101 10.1 7.1 10.7

130 21.5 15.4 23.0



Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMS

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#20

3+4-Methylphenols

Concen: 35.33 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:107 Resp: 244260

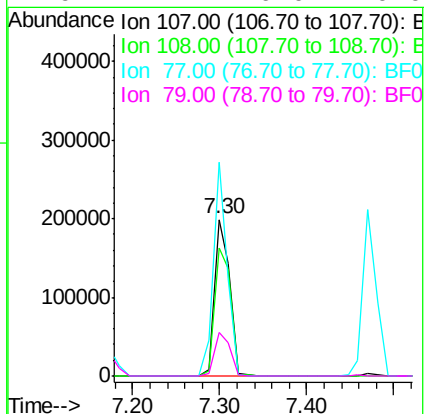
Ion Ratio Lower Upper

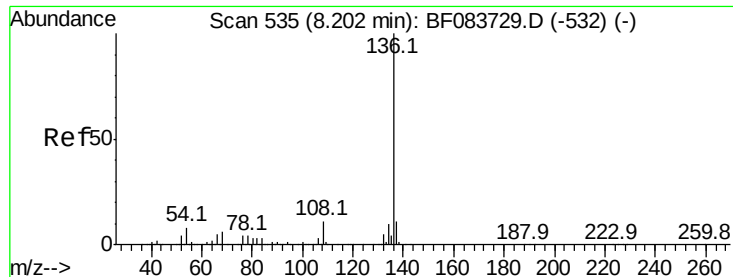
107 100

108 82.1 65.2 105.2

77 136.8 15.2 55.2#

79 27.7 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

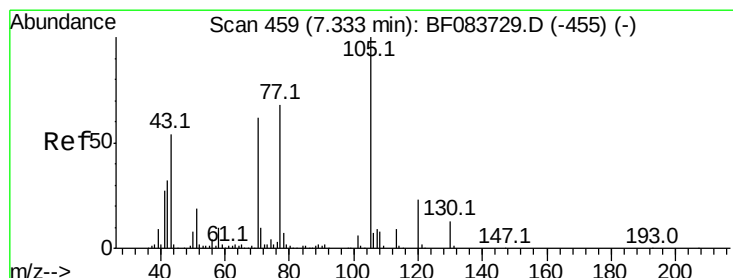
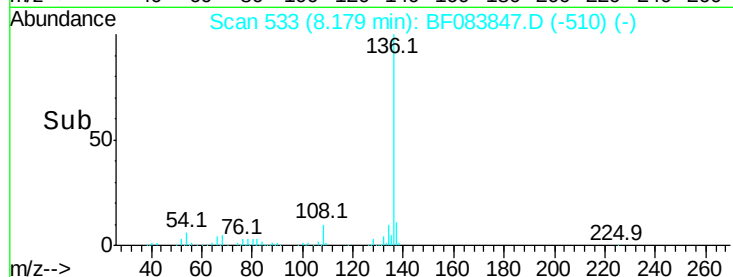
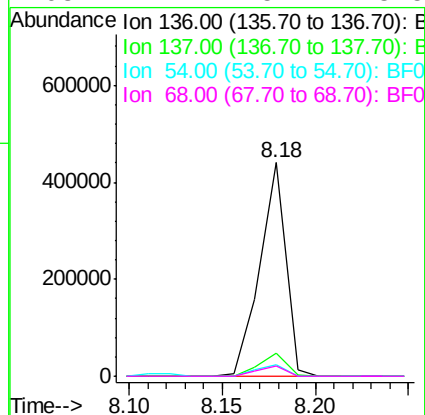
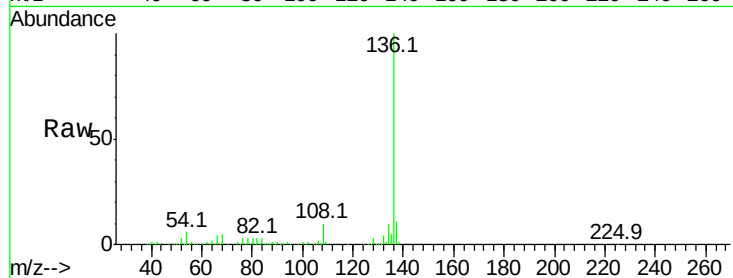
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Manual Integrations
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12/17/2015 5:34:11 PM

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.7	13.1	
54	5.6	7.8	11.6#	
68	4.7	5.7	8.5#	



#22

Acetophenone

Concen: 30.34 ng

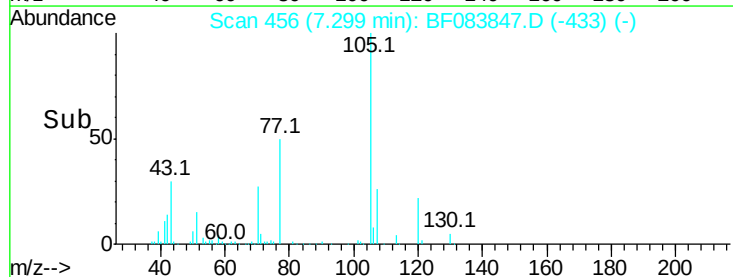
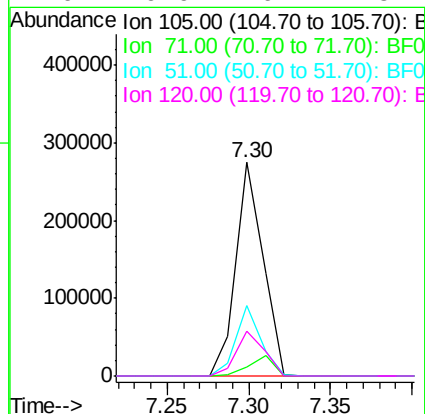
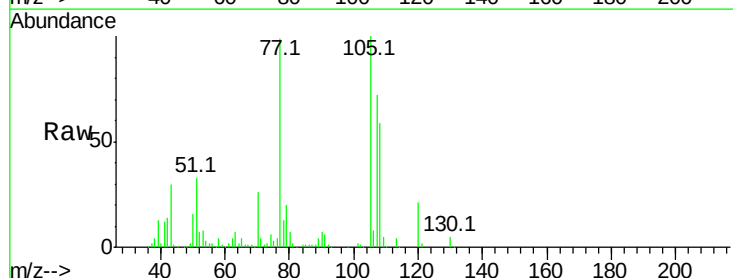
RT: 7.30 min Scan# 456

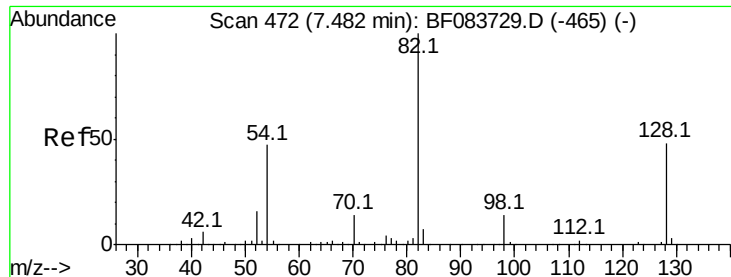
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	1.3	1.9#	
51	32.9	23.8	35.8	
120	20.9	16.7	25.1	





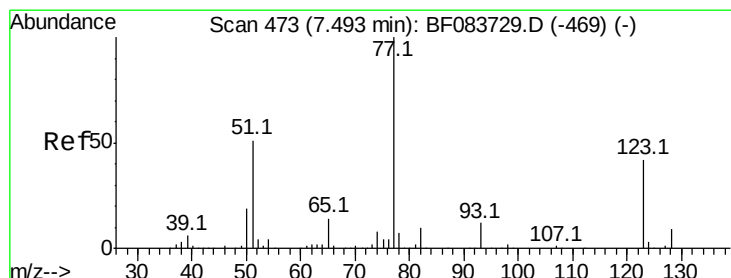
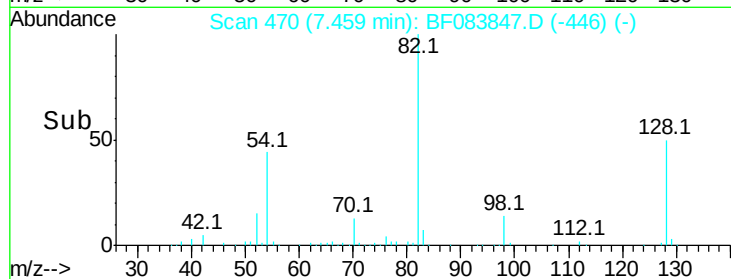
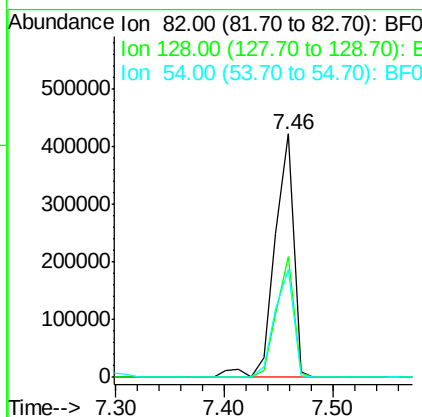
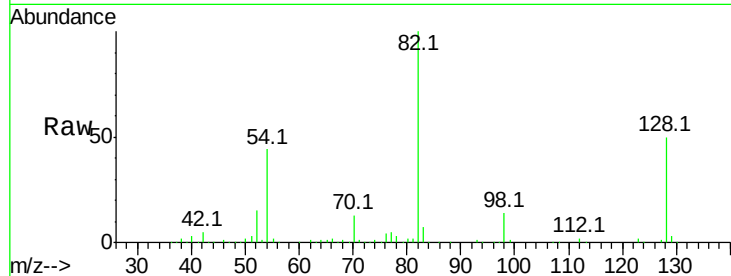
#23
 Nitrobenzene-d5
 Concen: 67.33 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	30.7	46.1#
54	44.3	42.5	63.7

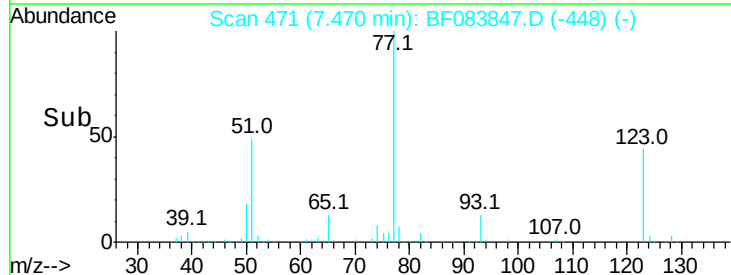
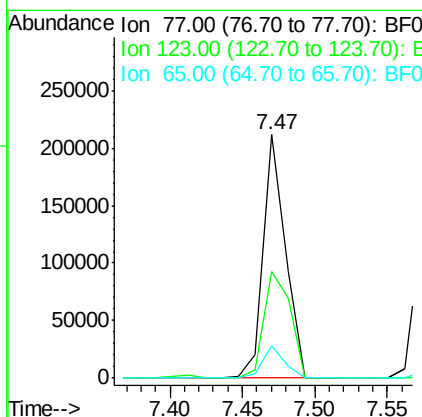
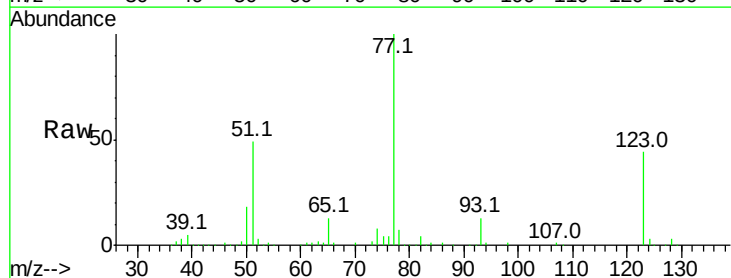
Manual Integrations
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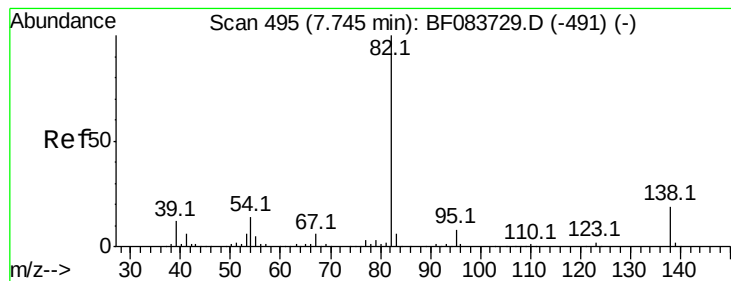
MMdadoda
 12/17/2015 5:34:11 PM



#24
 Nitrobenzene
 Concen: 28.48 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	29.8	44.6
65	13.4	11.1	16.7





#25

Isophorone

Concen: 30.26 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

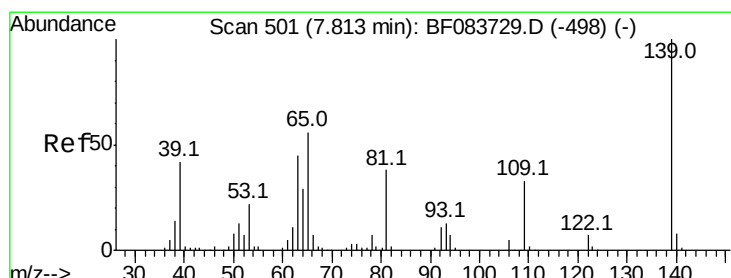
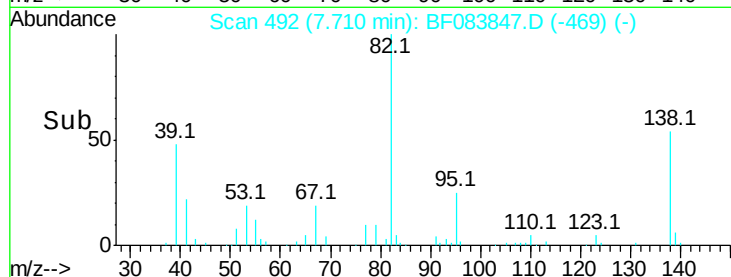
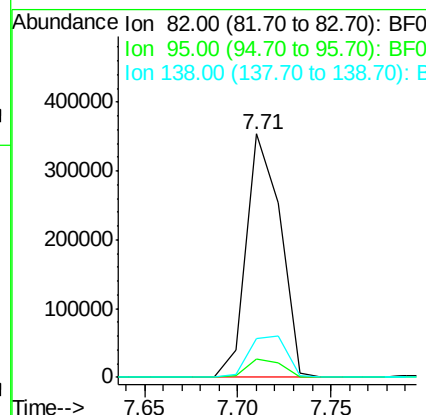
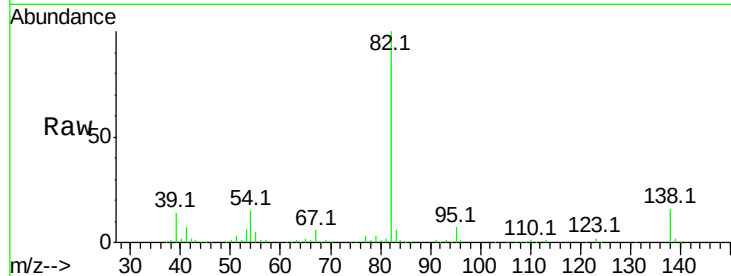
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	82	Resp:	448692
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.0	7.4
138	16.1	12.1	18.1

Manual Integrations
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MMdadoda
12/17/2015 5:34:11 PM



#26

2-Nitrophenol

Concen: 33.87 ng

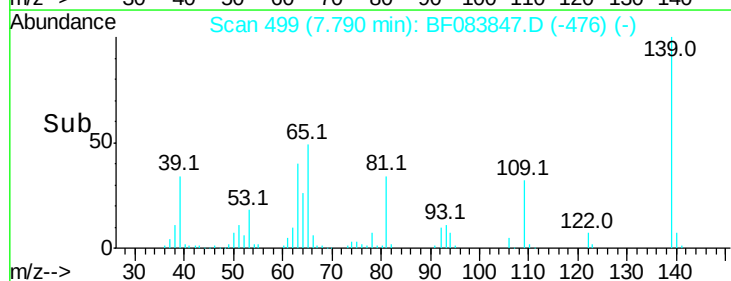
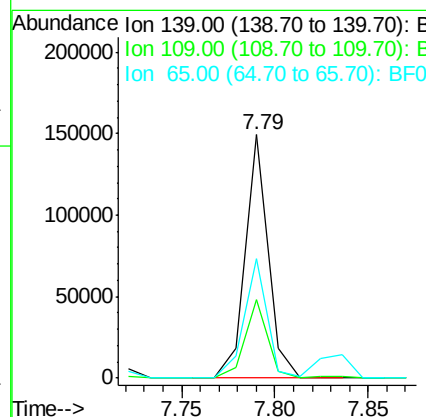
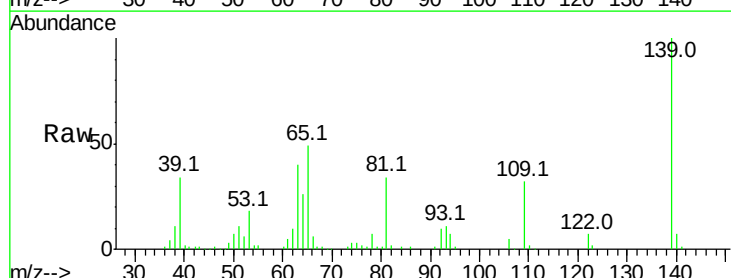
RT: 7.79 min Scan# 499

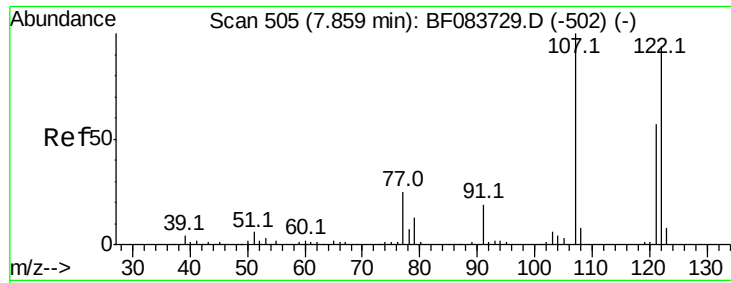
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	139	Resp:	127947
Ion Ratio	Lower	Upper	
139	100		
109	32.5	22.7	34.1
65	49.1	51.8	77.8#





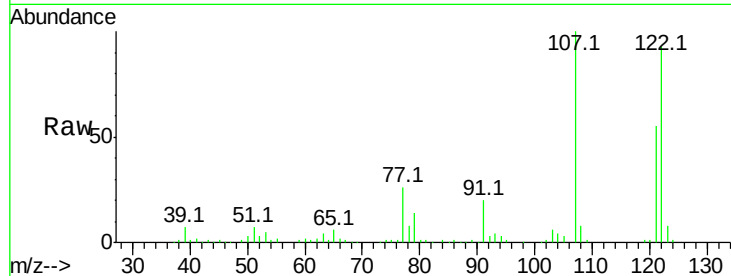
#27
2,4-Dimethylphenol
Concen: 31.40 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	233113		
107	108.0	92.4	138.6	
121	59.0	45.8	68.6	

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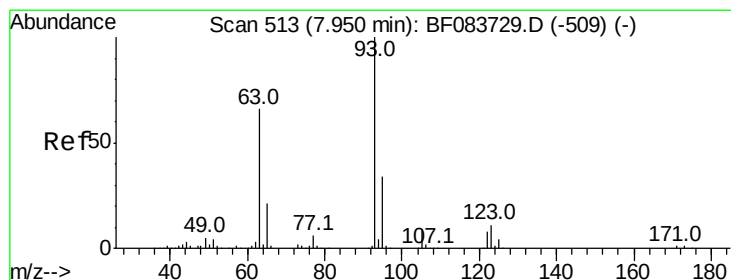
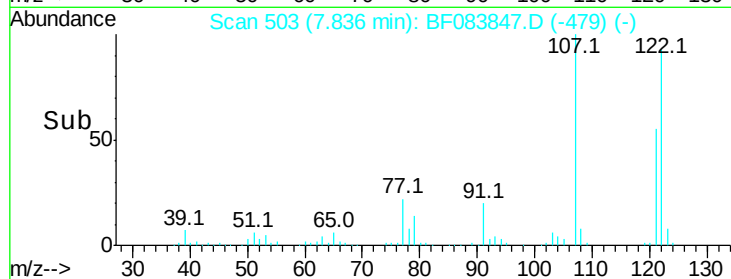
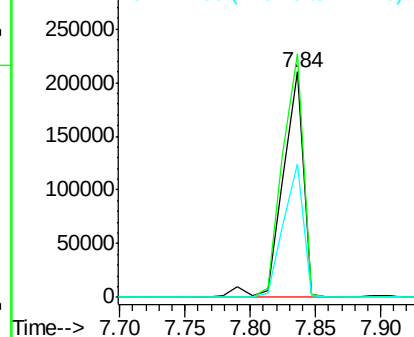


Abundance

Ion 122.00 (121.70 to 122.70): E

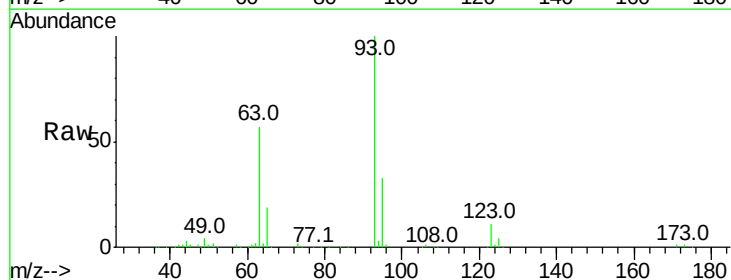
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.07 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	305175		
95	33.1	25.6	38.4	
123	11.4	7.3	10.9	

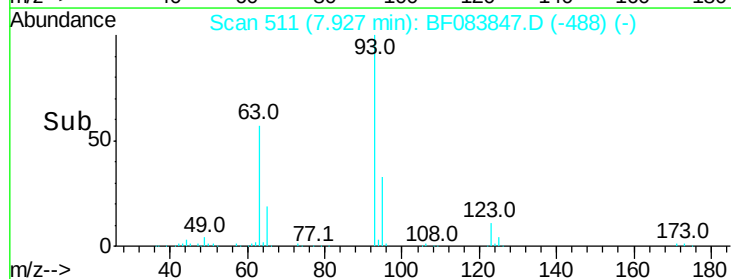
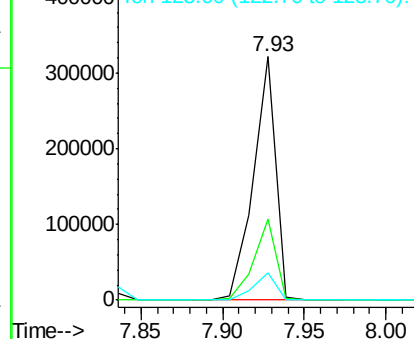


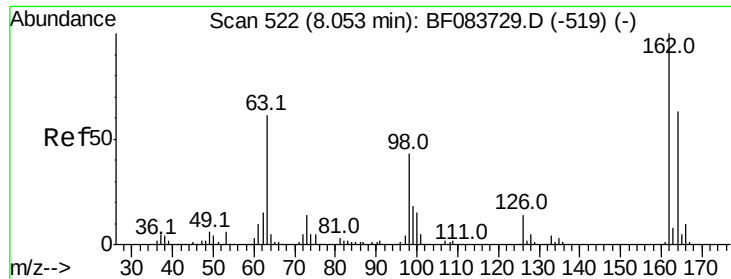
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





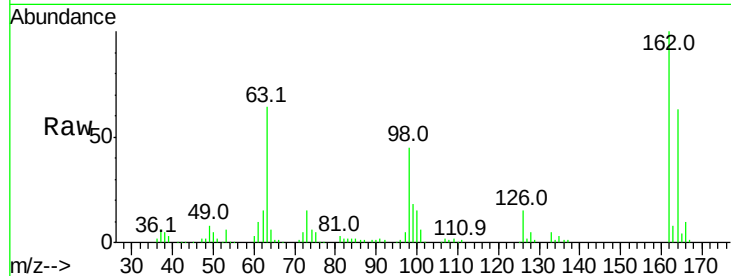
#29
 2,4-Dichlorophenol
 Concen: 32.63 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

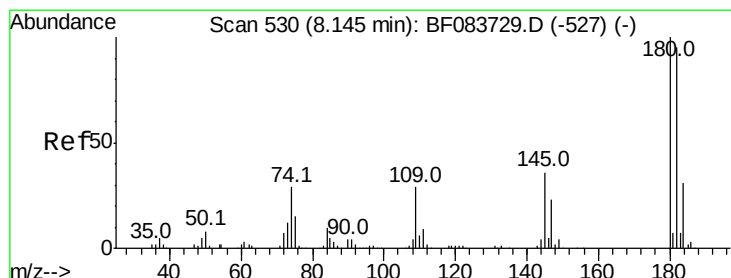
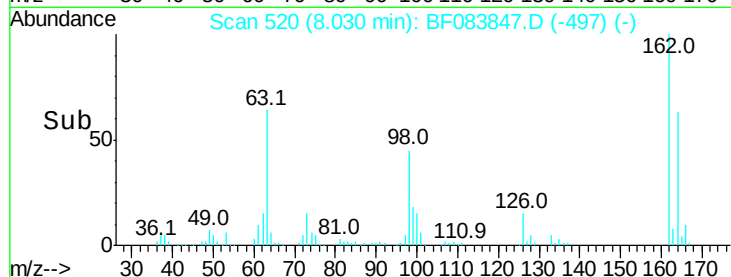
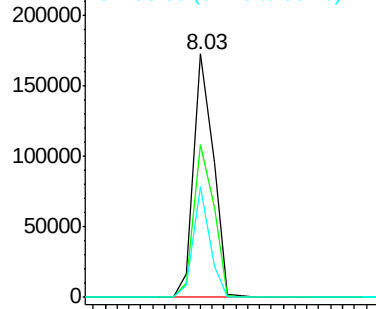
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.6	43.4	83.4
98	45.3	17.5	57.5

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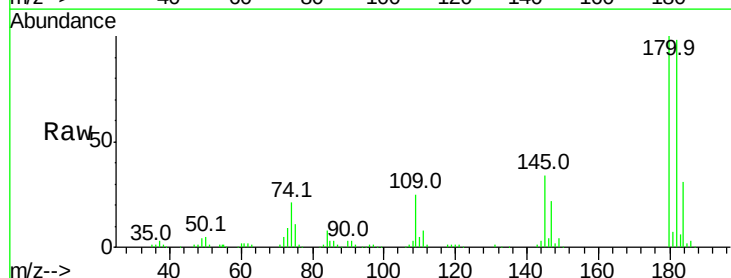


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

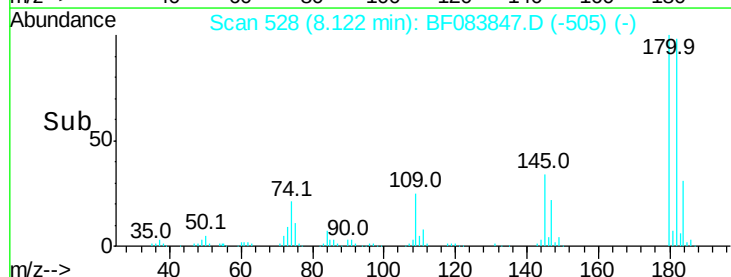
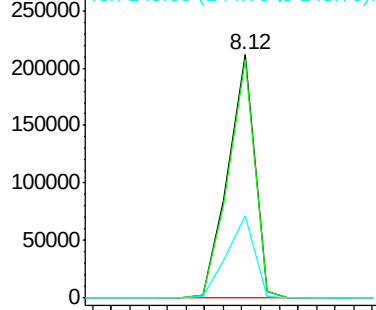


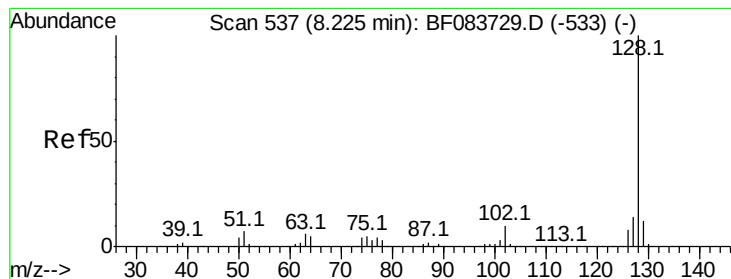
#30
 1,2,4-Trichlorobenzene
 Concen: 33.17 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.9	74.9	112.3
145	33.9	24.7	37.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.48 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

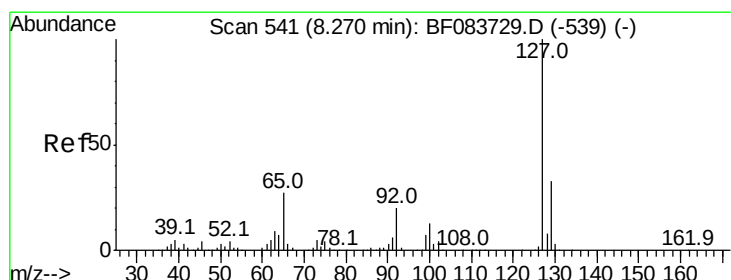
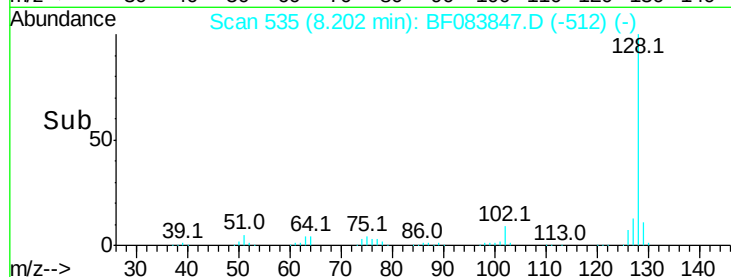
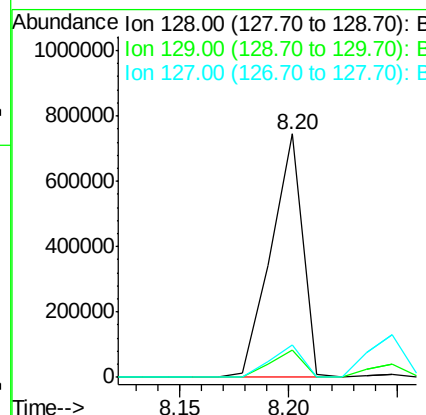
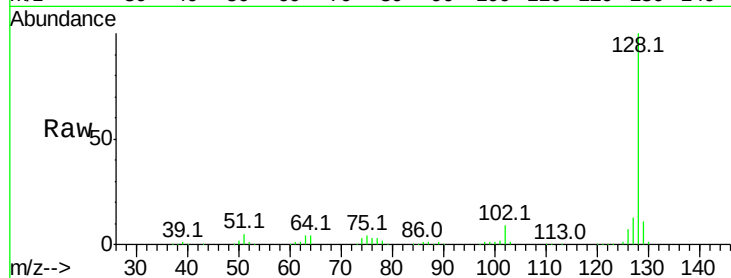
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	759757		
129	11.3	8.6	13.0	
127	13.5	10.6	16.0	

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#33

4-Chloroaniline

Concen: 17.52 ng

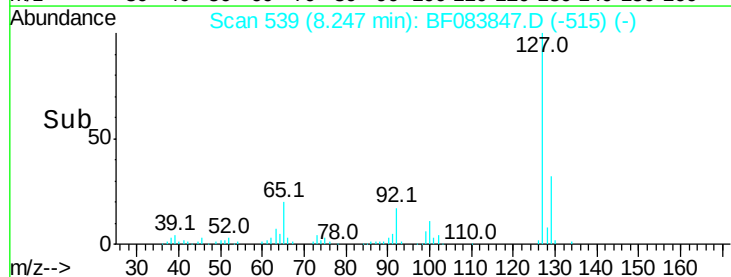
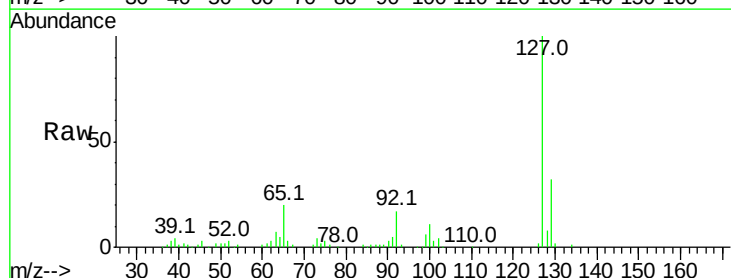
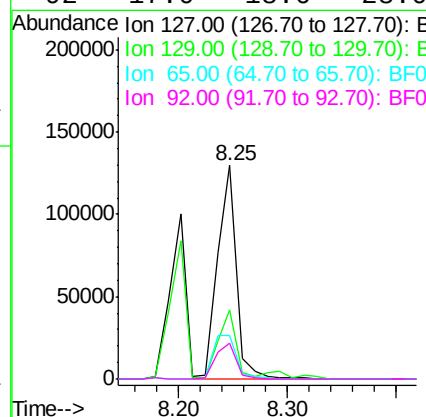
RT: 8.25 min Scan# 539

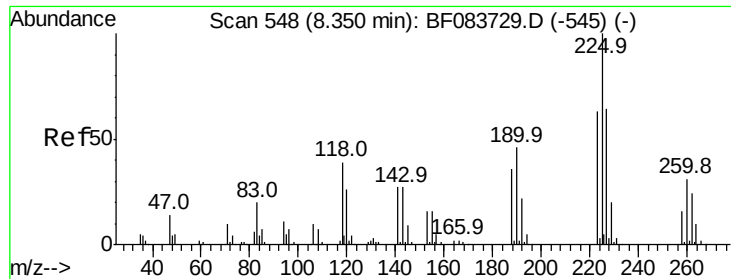
Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	157662		
129	32.4	26.1	39.1	
65	20.4	33.5	50.3#	
92	17.0	18.6	28.0#	





#34

Hexachlorobutadiene

Concen: 33.02 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

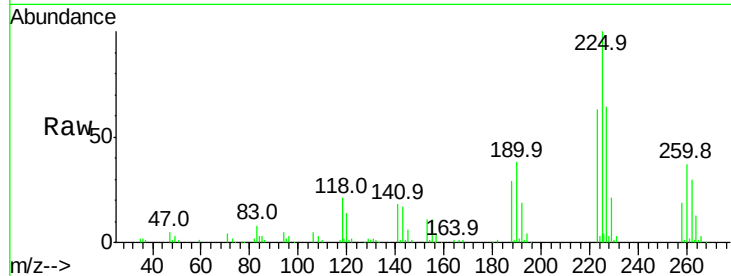
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

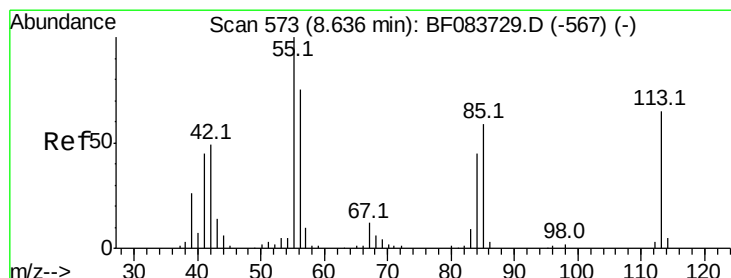
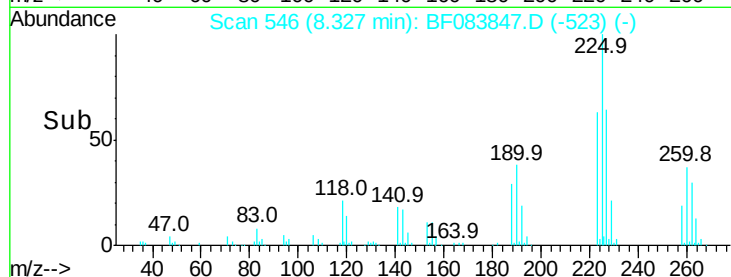
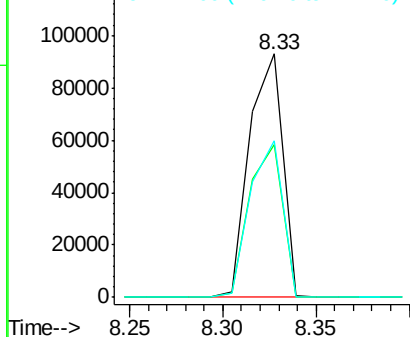
Tot Ion:	225	Resp:	114524
Ion Ratio	Lower	Upper	
225	100		
223	62.8	52.3	78.5
227	64.2	50.4	75.6

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



#35

Caprolactam

Concen: 33.66 ng m

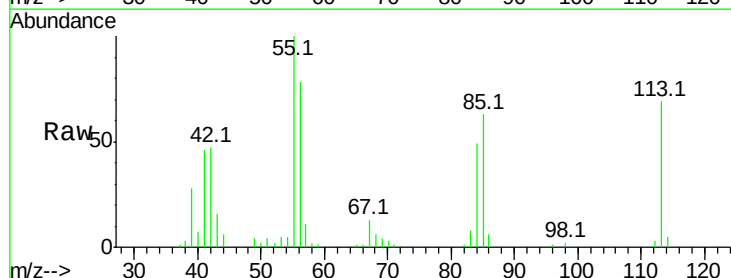
RT: 8.60 min Scan# 570

Delta R.T. -0.03 min

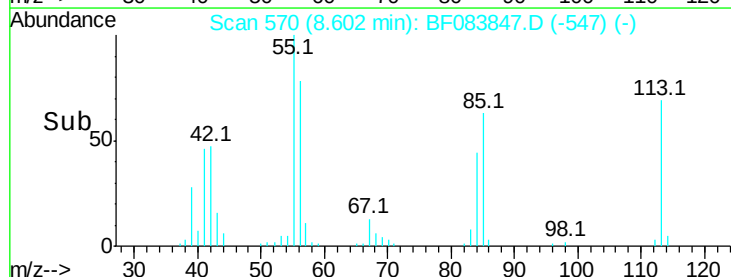
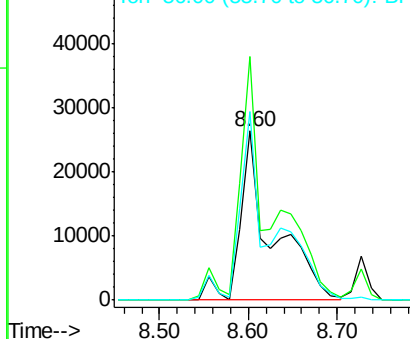
Lab File: BF083847.D

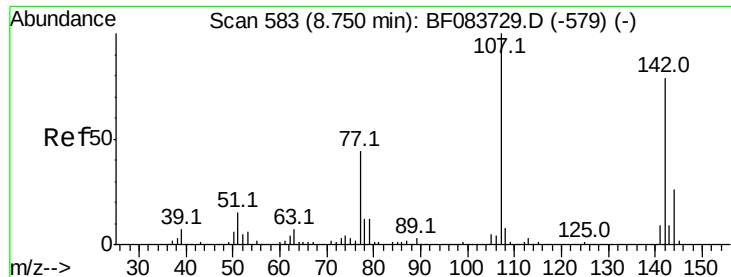
Acq: 16 Dec 2015 14:46

Tgt Ion:	113	Resp:	65872
Ion Ratio	Lower	Upper	
113	100		
55	144.0	189.7	229.7#
56	111.9	130.7	170.7#



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





#36

4-Chloro-3-methylphenol

Concen: 31.96 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

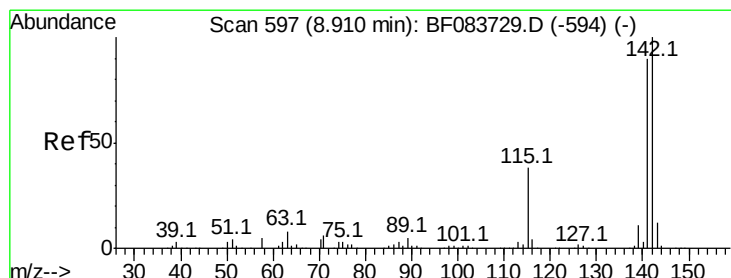
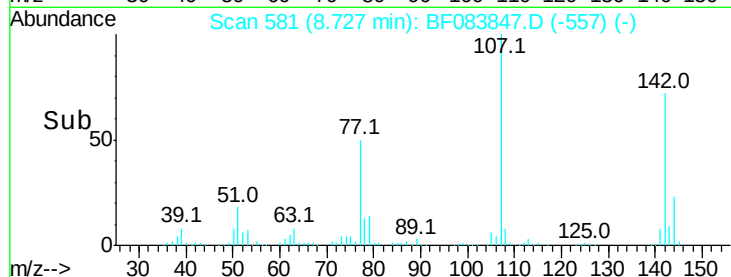
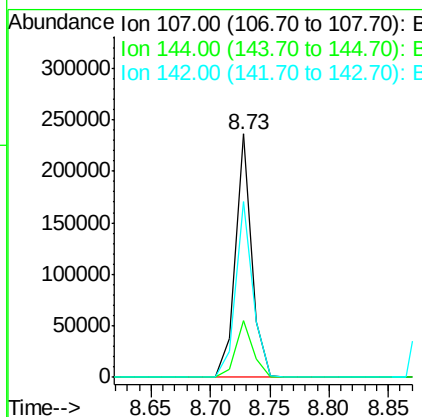
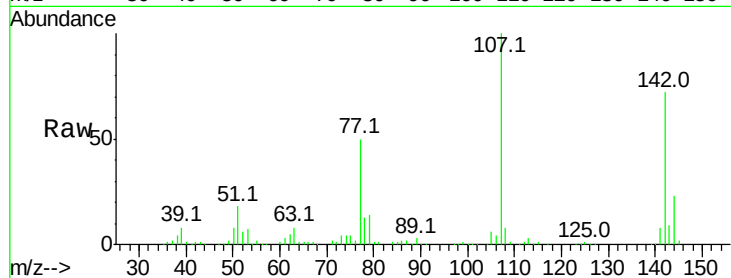
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	107	Resp:	227848
Ion Ratio	Lower	Upper	
107	100		
144	23.3	17.5	26.3
142	72.1	53.6	80.4

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#37

2-Methylnaphthalene

Concen: 33.31 ng

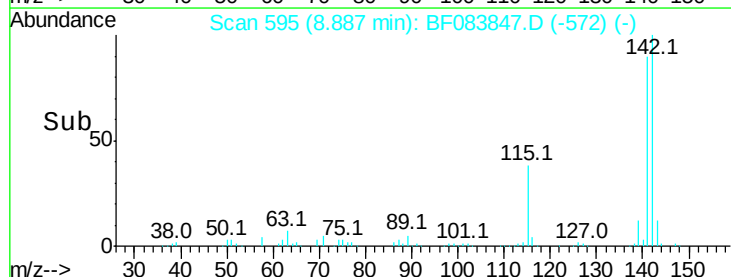
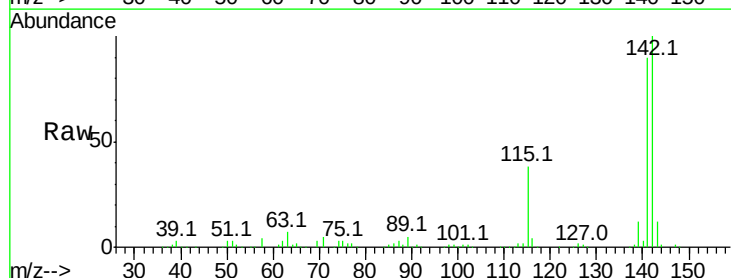
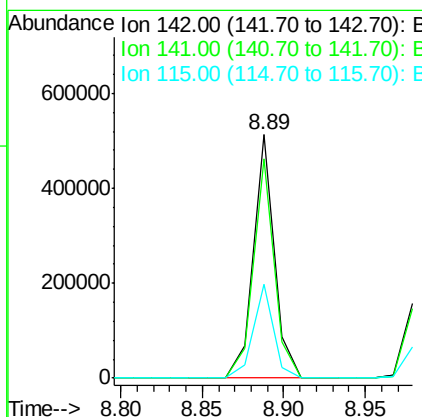
RT: 8.89 min Scan# 595

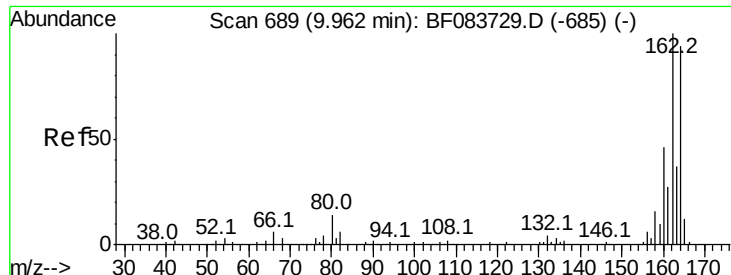
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	142	Resp:	460865
Ion Ratio	Lower	Upper	
142	100		
141	90.2	70.3	105.5
115	38.3	29.2	43.8





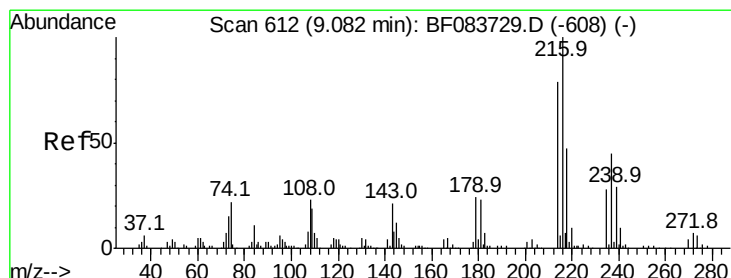
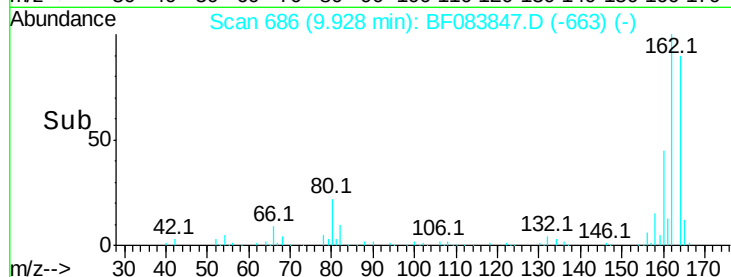
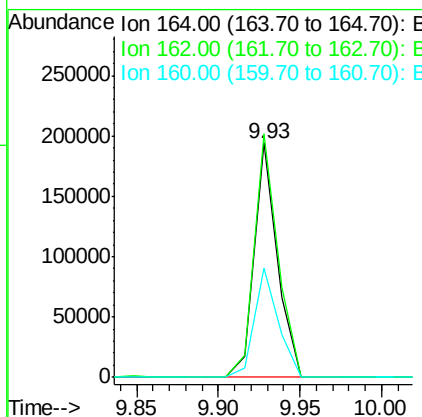
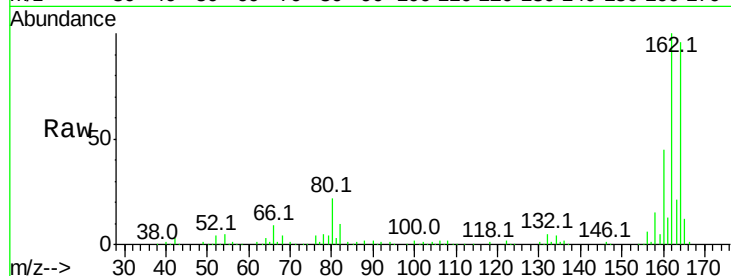
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	190547		
162	104.0	78.8	118.2	
160	46.4	33.4	50.2	

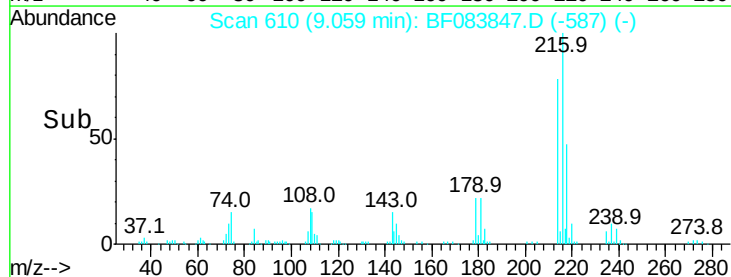
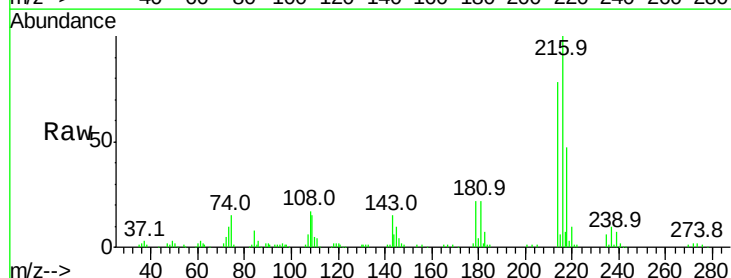
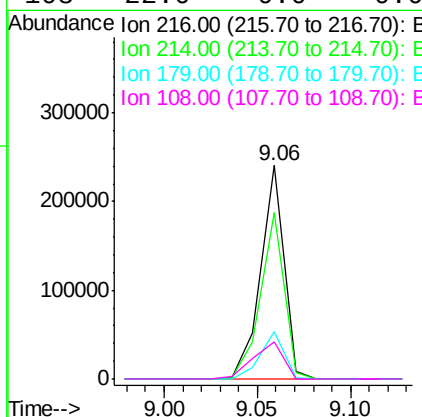
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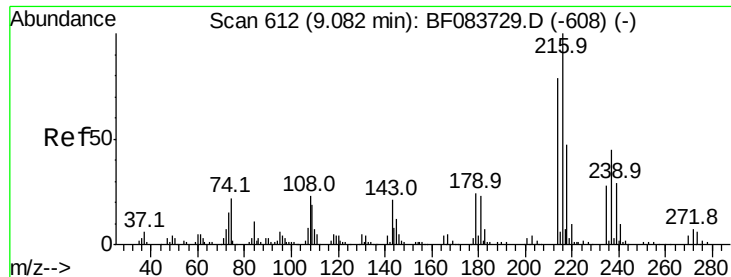
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.95 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	207712		
214	78.7	0.0	0.0#	
179	22.5	0.0	0.0#	
108	22.0	0.0	0.0#	





#40

Hexachlorocyclopentadiene

Concen: 54.33 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

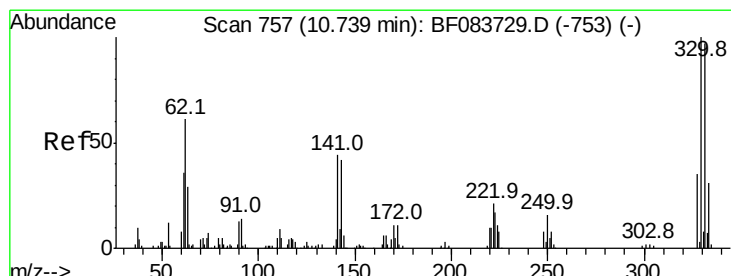
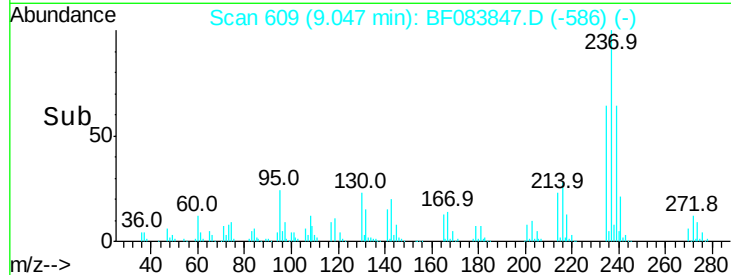
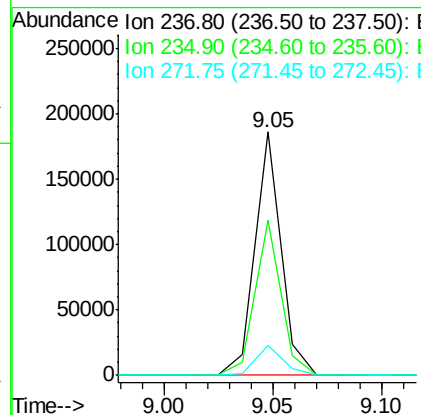
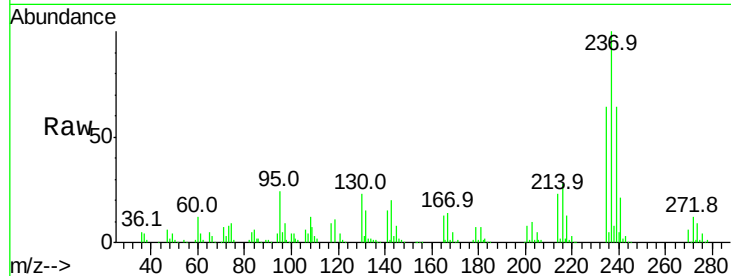
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	237	Resp:	154763
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.9	83.9
272	12.1	0.0	31.8

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#41

2,4,6-Tribromophenol

Concen: 106.85 ng

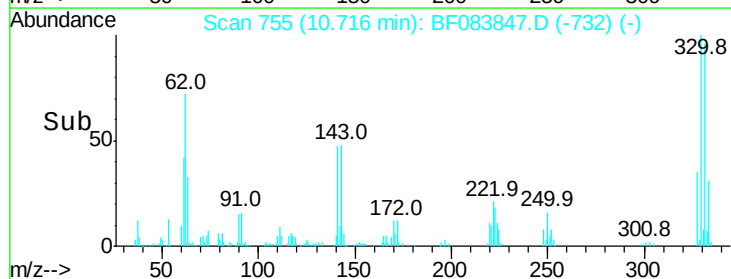
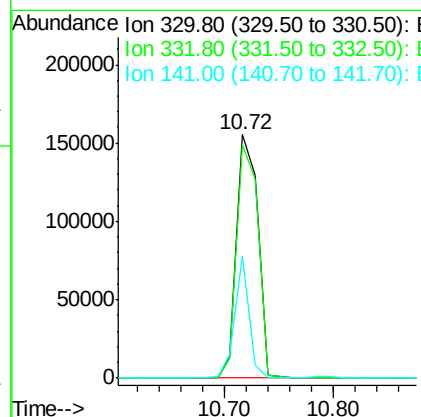
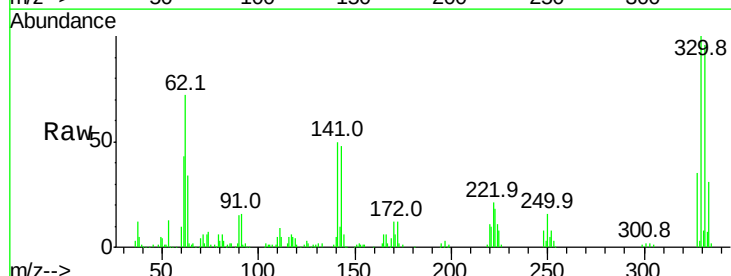
RT: 10.72 min Scan# 755

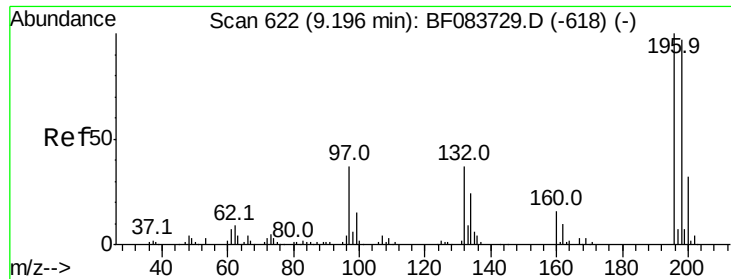
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	330	Resp:	207462
Ion Ratio		Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	34.4	0.0	0.0#





#42

2,4,6-Trichlorophenol

Concen: 33.46 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

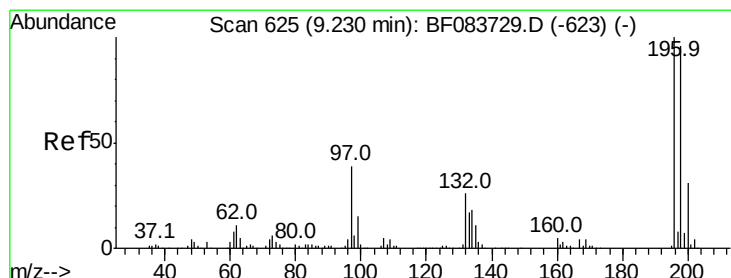
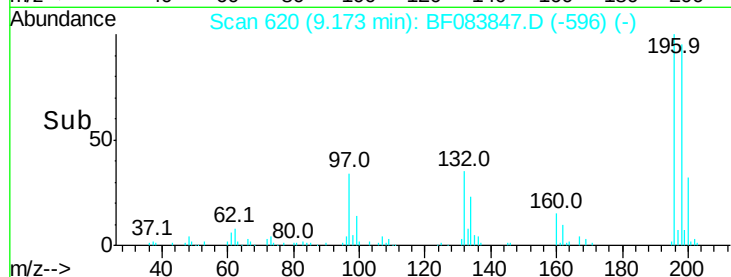
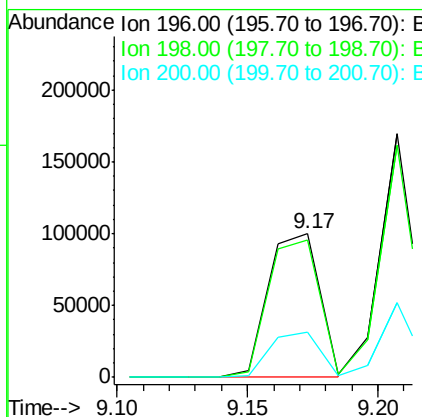
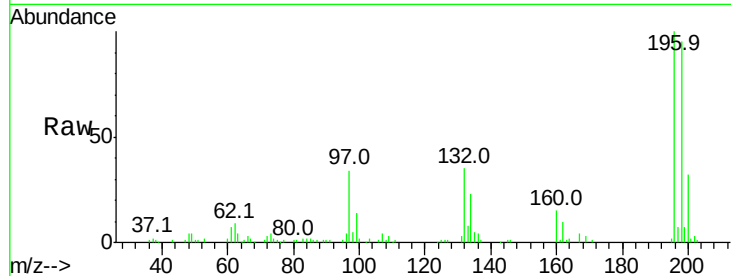
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	196	Resp:	137667
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.2	112.8
200	31.6	23.0	34.6

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 38.40 ng

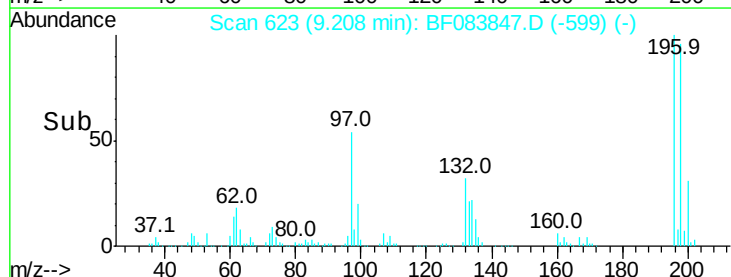
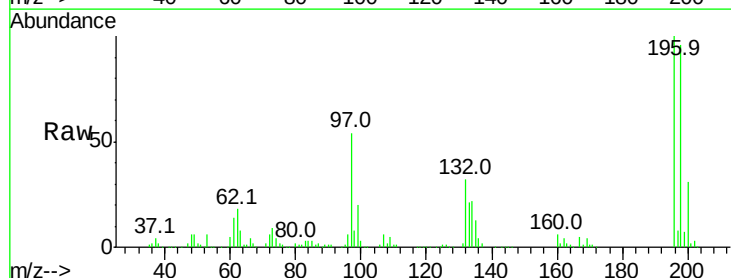
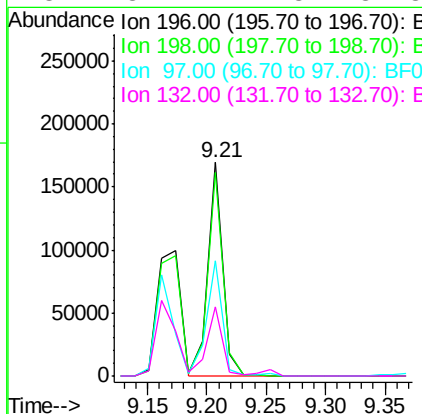
RT: 9.21 min Scan# 623

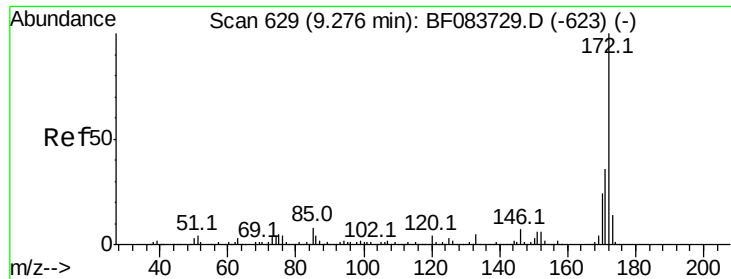
Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	196	Resp:	149877
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.7	116.5
97	54.1	41.2	61.8
132	32.4	21.8	32.8





#44

2-Fluorobiphenyl

Concen: 60.68 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

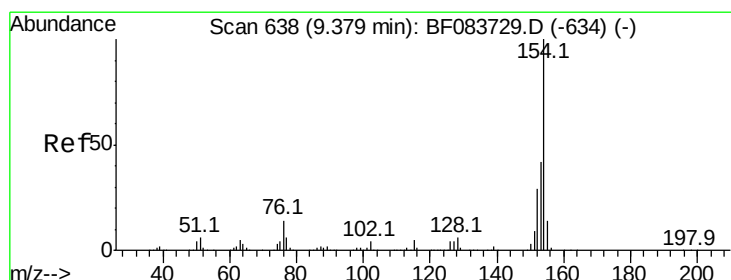
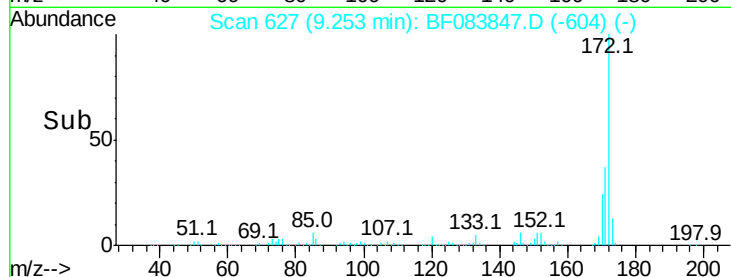
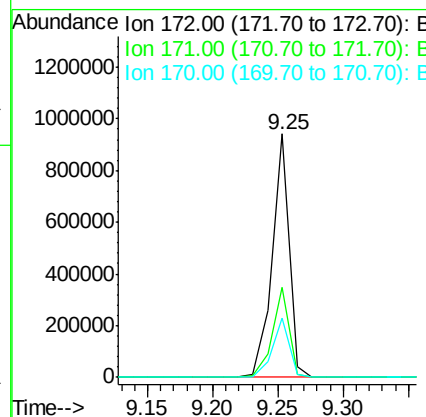
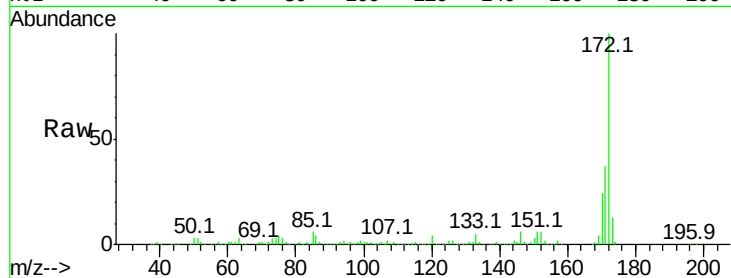
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

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Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.2	19.4	29.0



#45

1,1'-Biphenyl

Concen: 35.33 ng

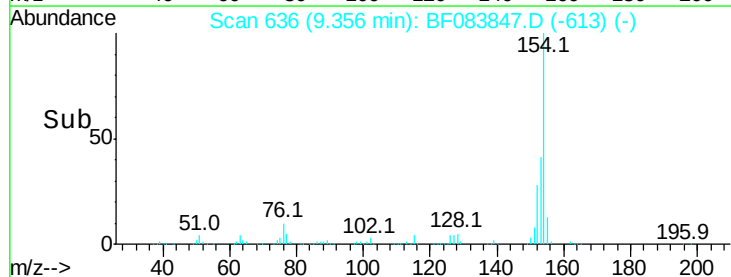
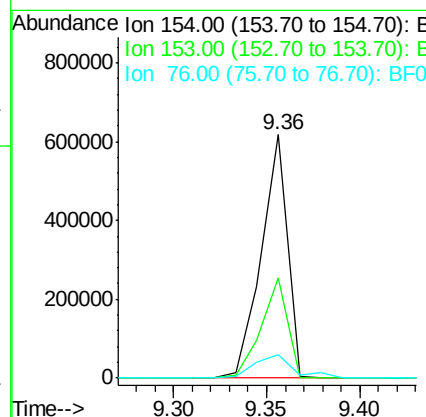
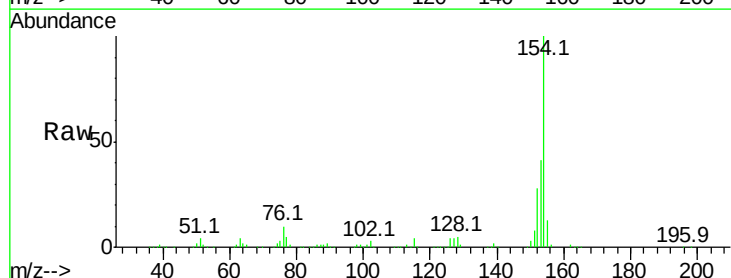
RT: 9.36 min Scan# 636

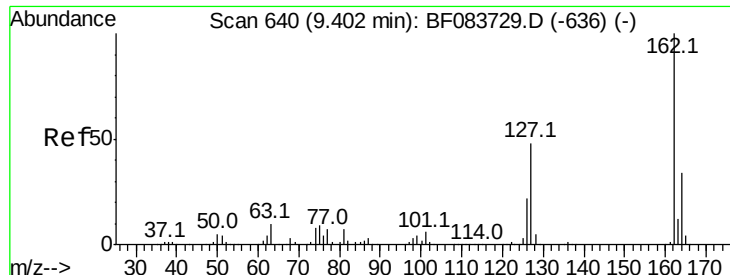
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	9.7	0.0	34.8





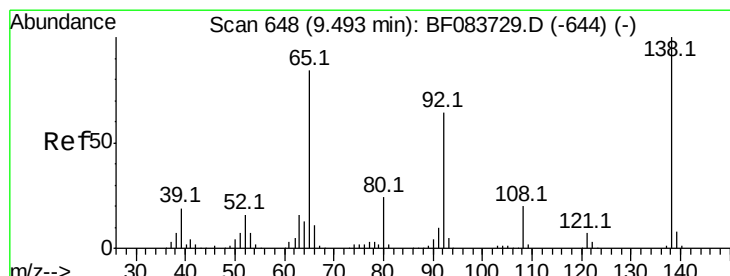
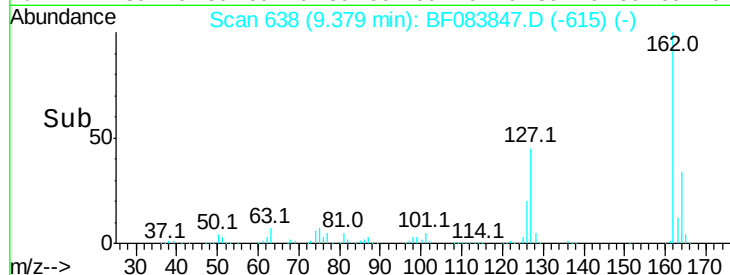
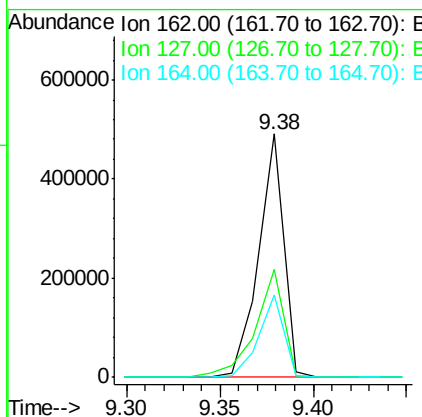
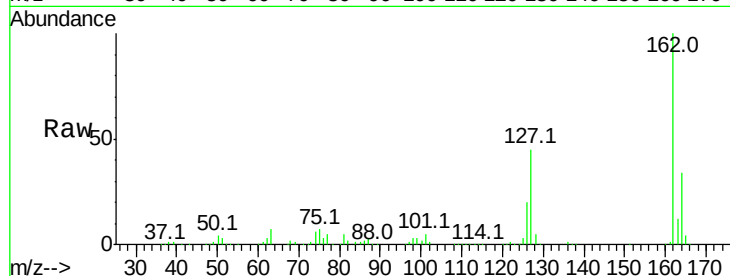
#46
 2-Chloronaphthalene
 Concen: 36.44 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion:	162	Resp:	454214
Ion Ratio	Lower	Upper	
162	100		
127	44.5	31.0	46.4
164	33.9	27.4	41.0

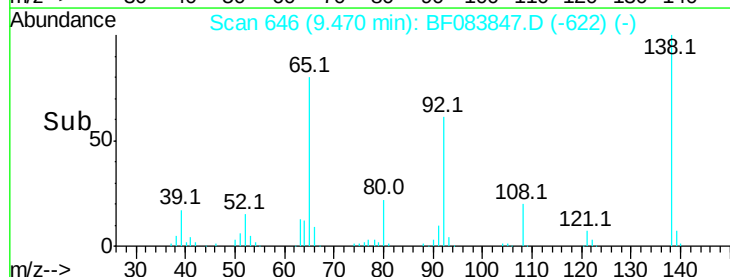
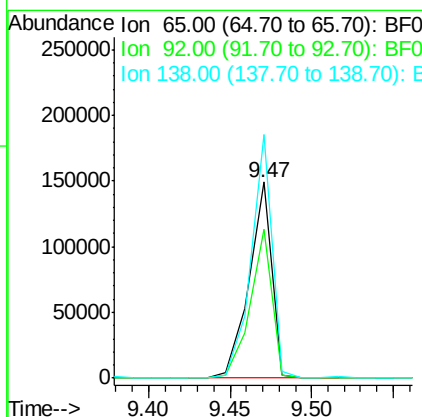
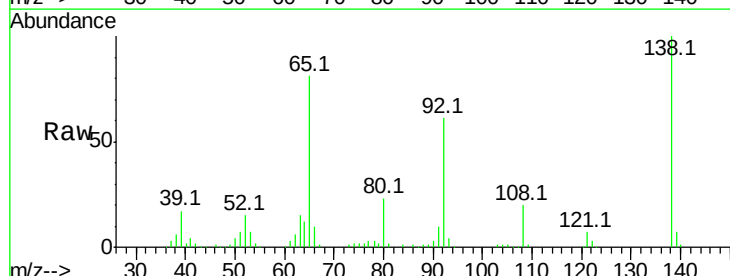
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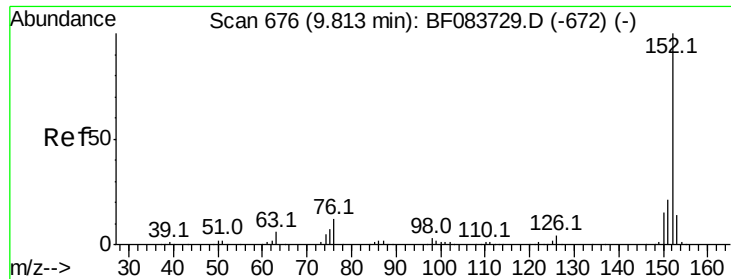
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#47
 2-Nitroaniline
 Concen: 40.35 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion:	65	Resp:	142655
Ion Ratio	Lower	Upper	
65	100		
92	76.2	49.6	74.4#
138	124.1	64.1	96.1#





#48

Acenaphthylene

Concen: 32.23 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

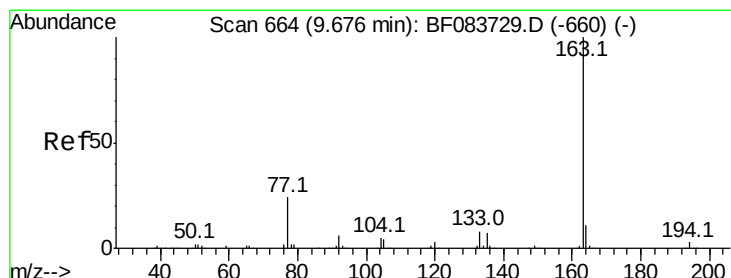
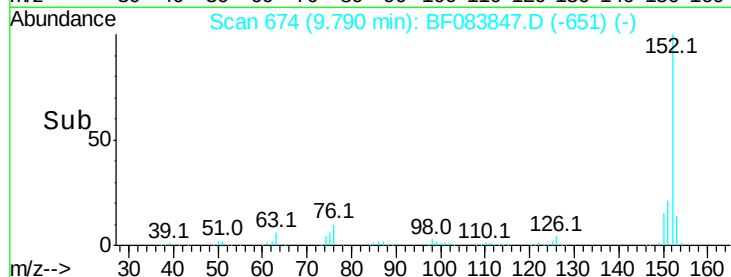
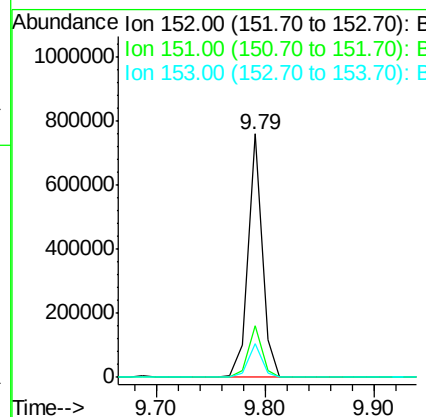
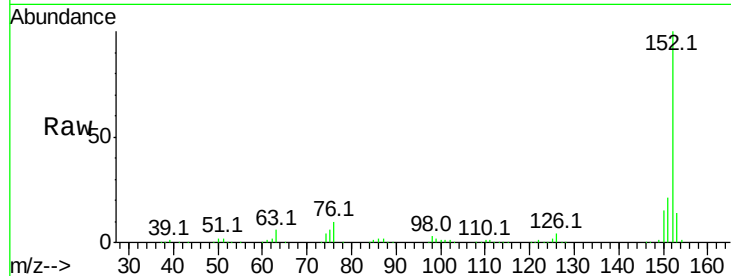
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	152	Resp:	676040
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.7	10.8	16.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 42.16 ng

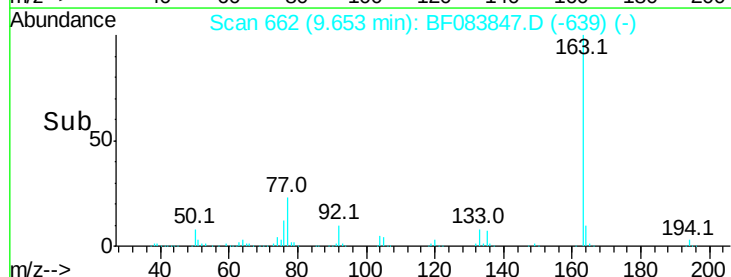
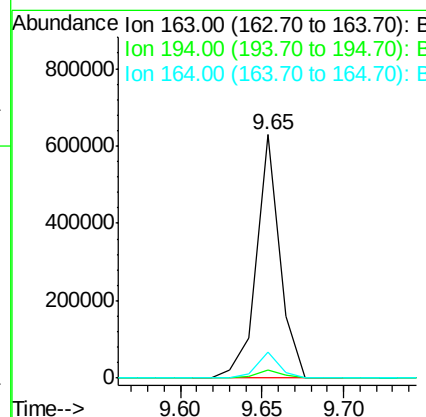
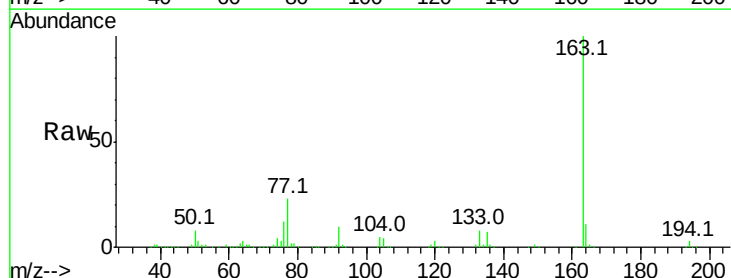
RT: 9.65 min Scan# 662

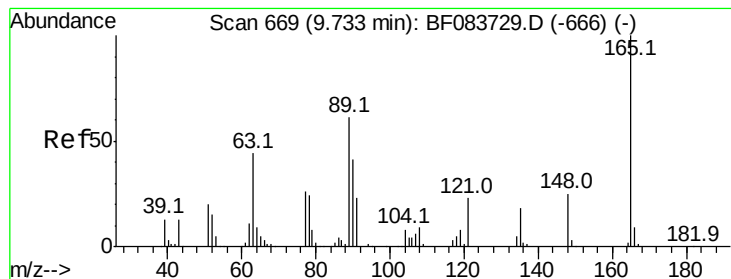
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	163	Resp:	626319
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.6	8.6	13.0





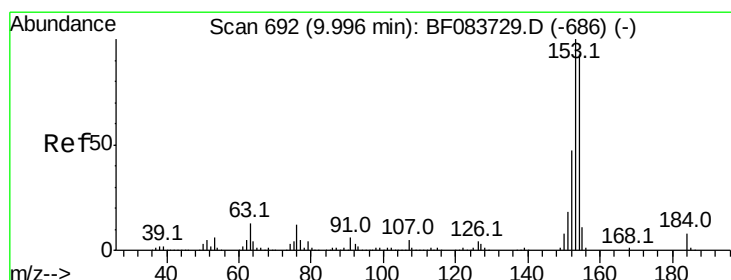
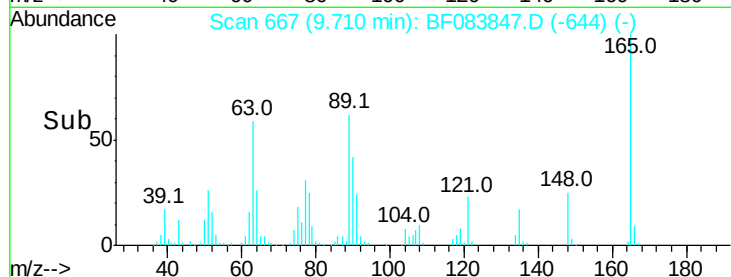
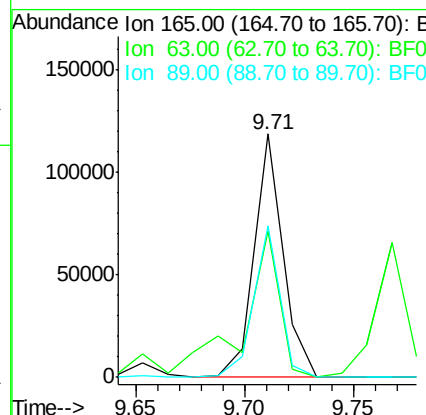
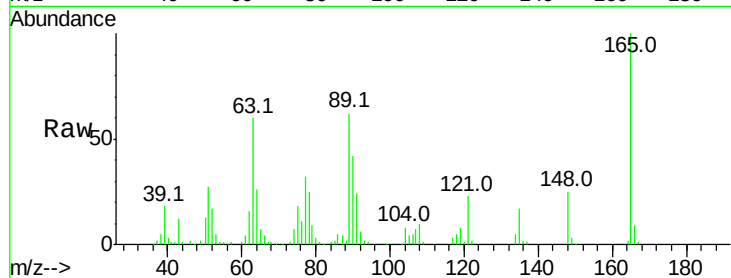
#50
 2,6-Dinitrotoluene
 Concen: 34.70 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.0	56.9	85.3	
89	62.2	52.1	78.1	

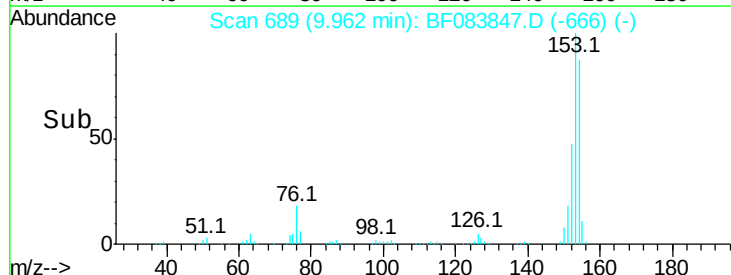
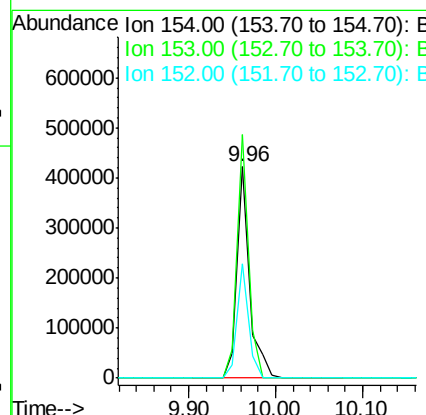
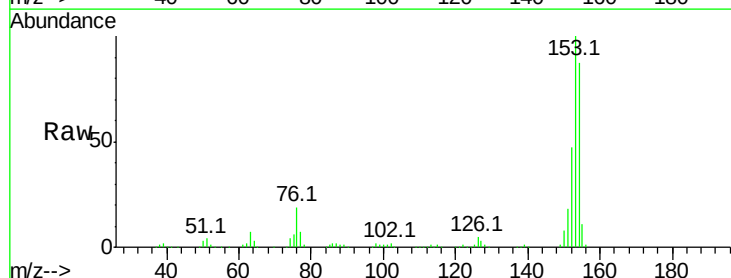
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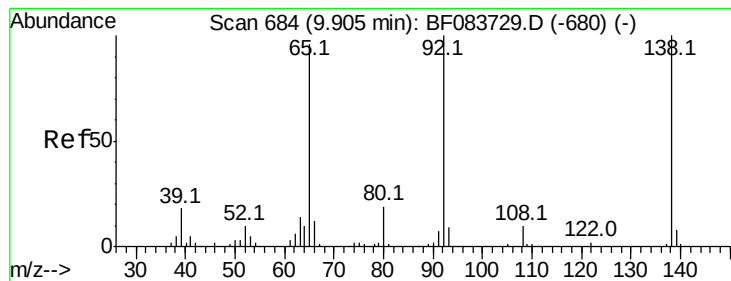
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#51
 Acenaphthene
 Concen: 33.50 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.2	91.4	137.0	
152	54.2	43.4	65.2	





#52

3-Nitroaniline

Concen: 27.55 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF083847.D

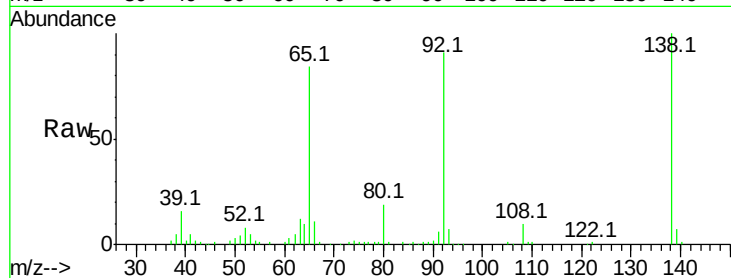
Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMS



Tot Ion:138 Resp: 100141

Ion Ratio Lower Upper

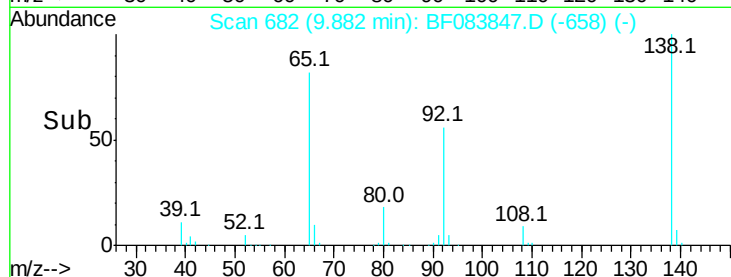
138 100

108 10.1 9.9 14.9

92 91.5 113.8 170.8#

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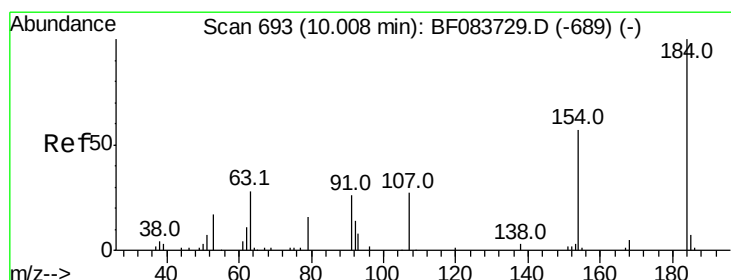
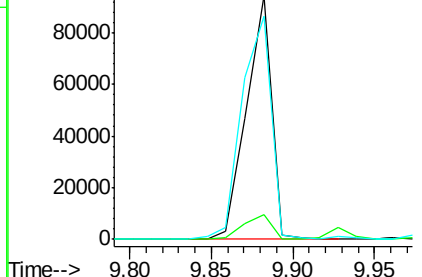
MMdadoda
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 41.56 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

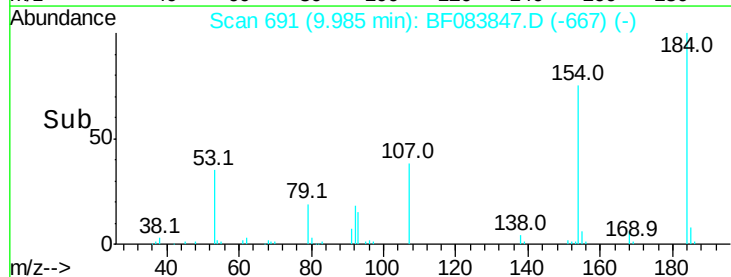
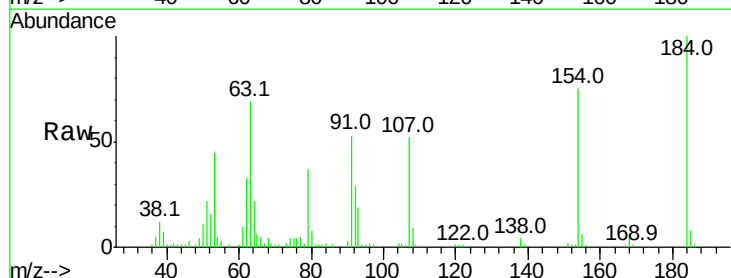
Tgt Ion:184 Resp: 52738

Ion Ratio Lower Upper

184 100

63 68.9 62.4 93.6

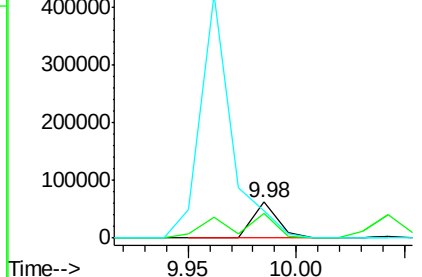
154 75.0 46.6 69.8#

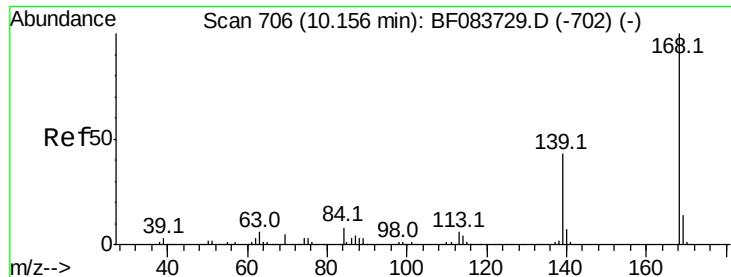


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





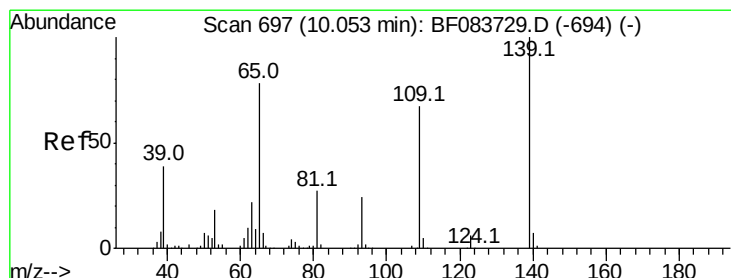
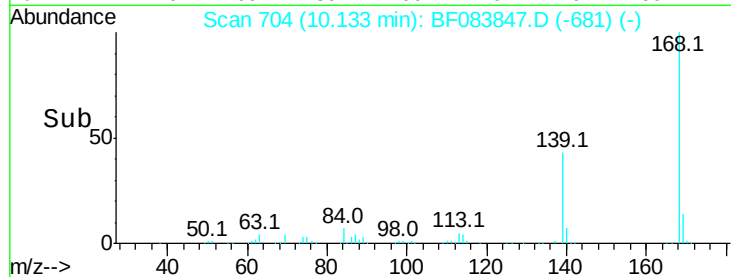
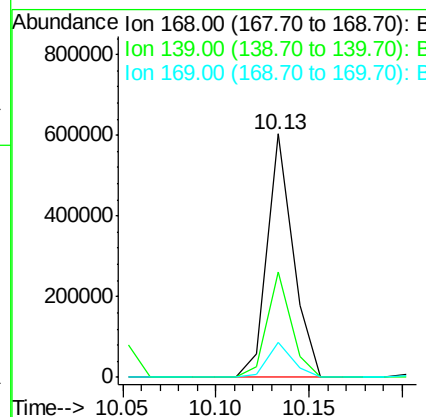
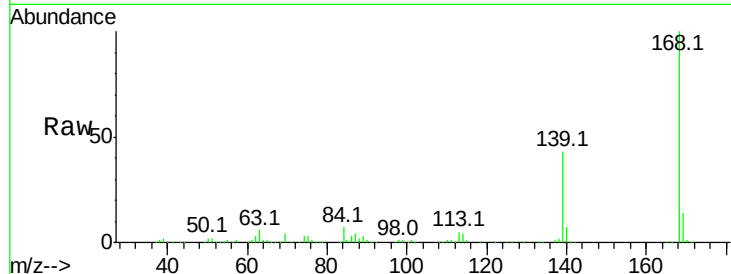
#54
Dibenzofuran
Concen: 34.37 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.1	28.0	42.0#
169	14.3	10.8	16.2

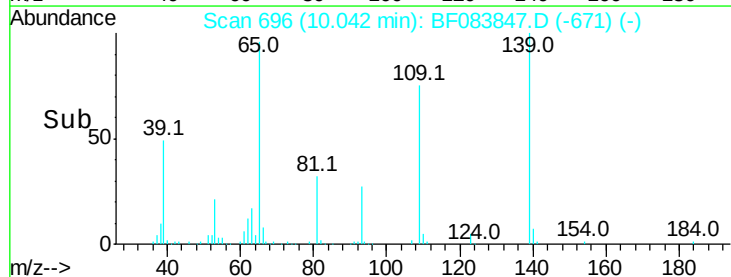
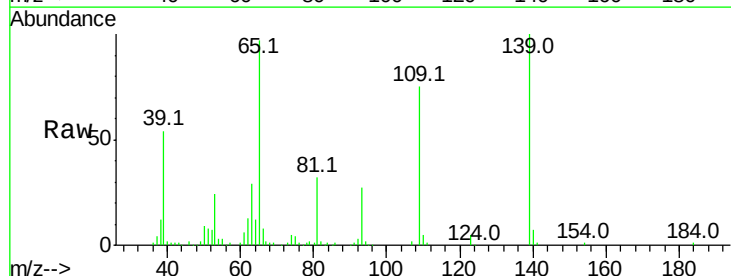
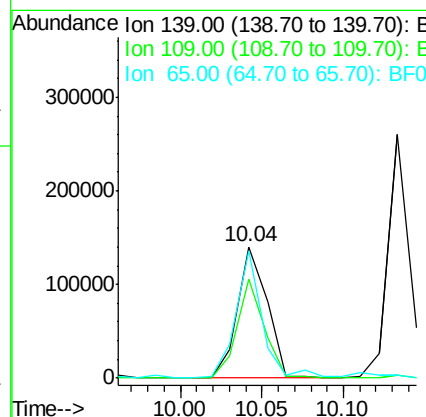
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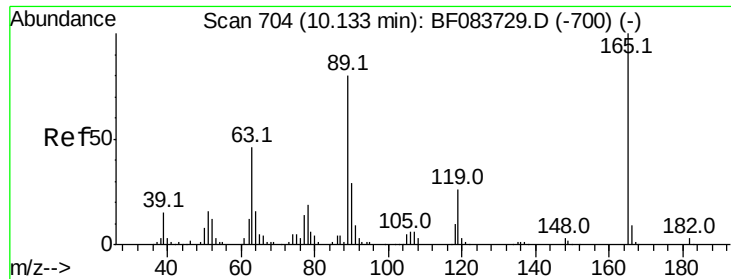
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#55
4-Nitrophenol
Concen: 65.70 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	42.0	82.0
65	96.9	89.2	129.2





#56

2,4-Dinitrotoluene

Concen: 39.42 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF083847.D

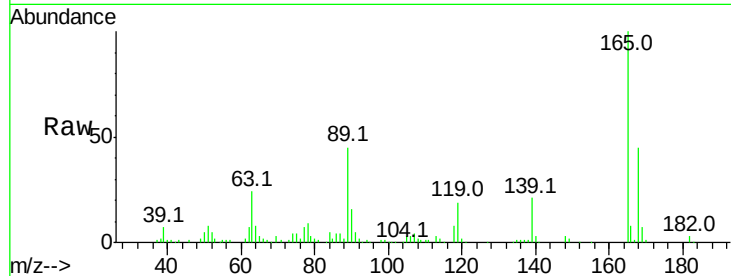
Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

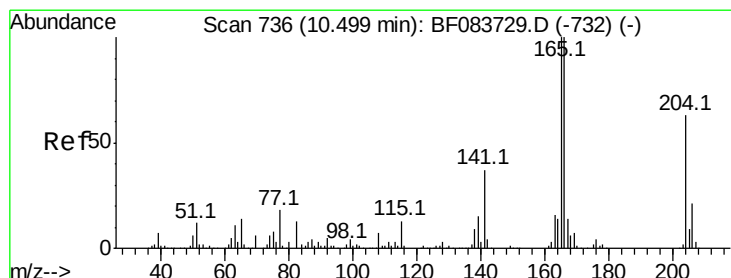
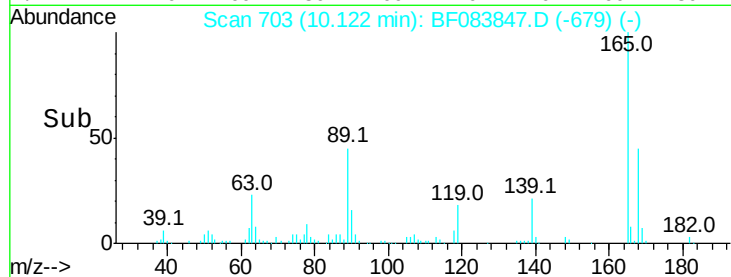
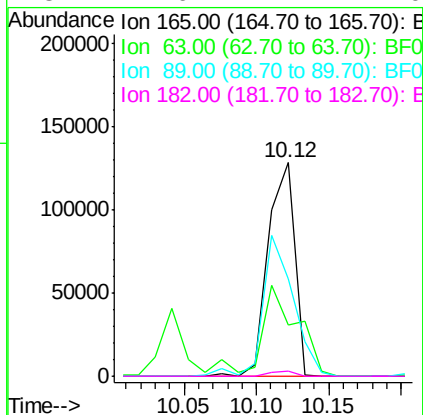
VITALE-FILL-SOURCE-6AMS



Tot Ion	Ratio	Lower	Upper
165	100		
63	23.9	51.4	77.2#
89	45.3	72.6	108.8#
182	2.6	1.4	2.0#

Manual Integrations
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#57

Fluorene

Concen: 33.67 ng

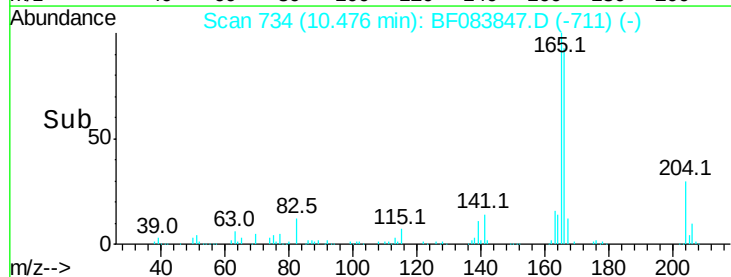
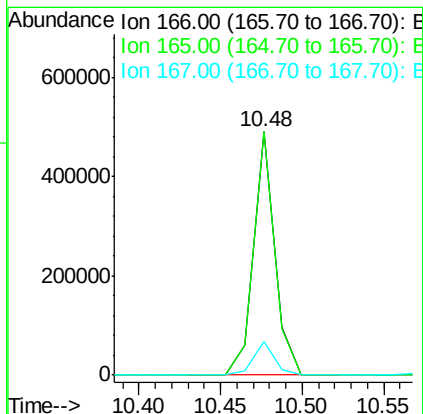
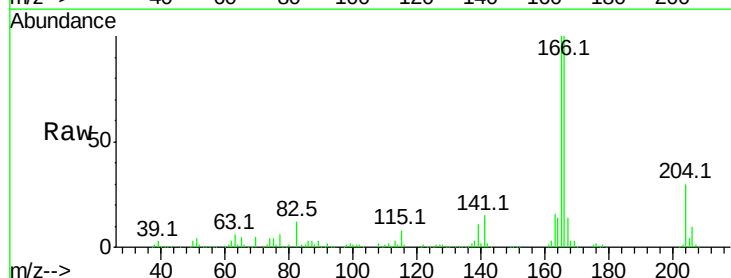
RT: 10.48 min Scan# 734

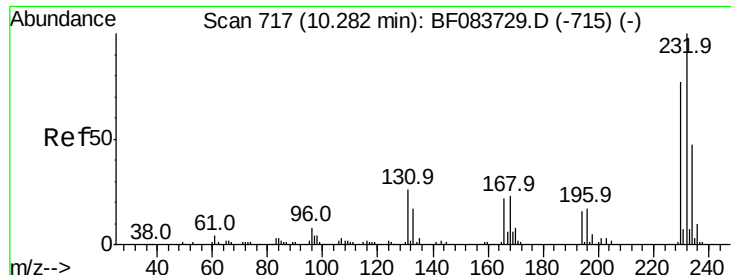
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.0	120.0
167	14.1	10.6	16.0





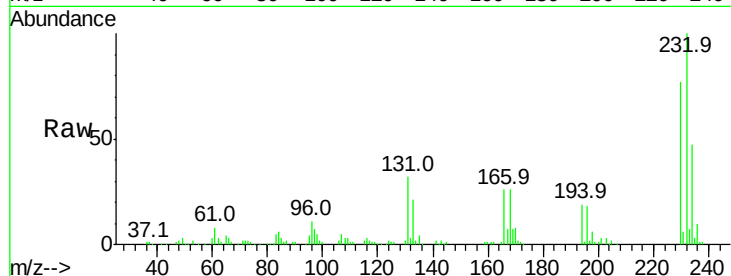
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.08 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

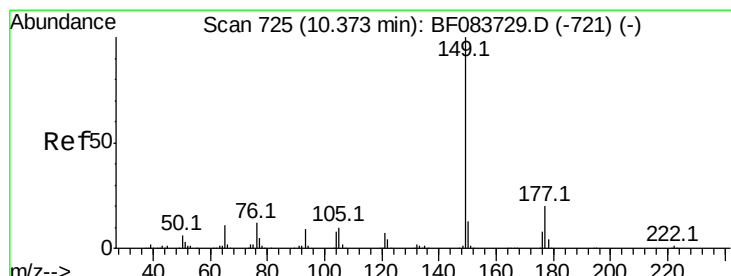
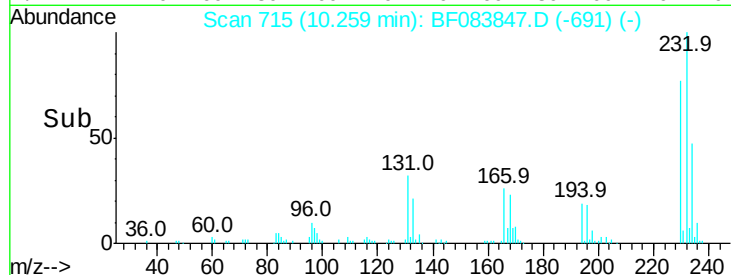
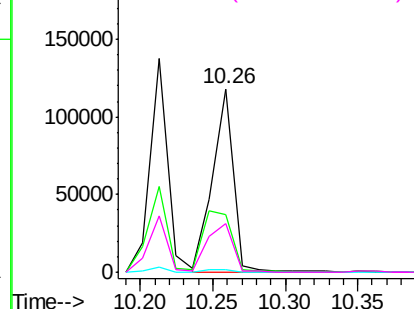
Tot Ion	Ratio	Resp	Lower	Upper
232	100	117330		
131	47.1	0.0	0.0#	
130	2.3	0.0	0.0#	
166	32.7	0.0	0.0#	

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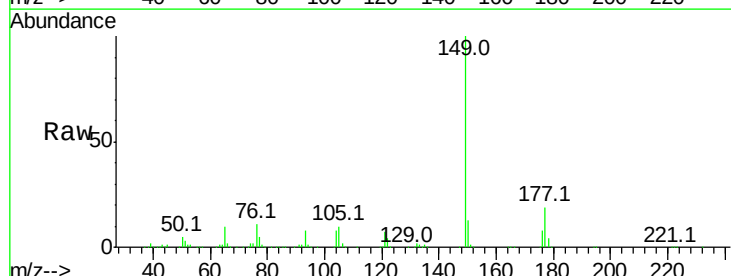


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

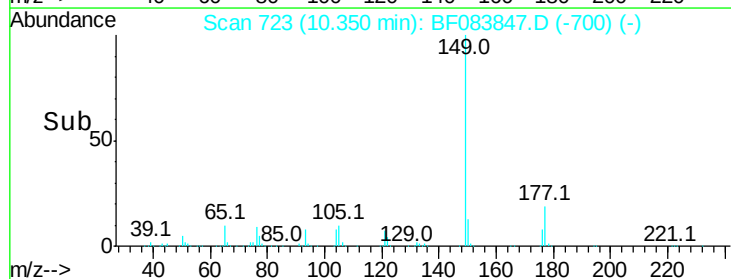
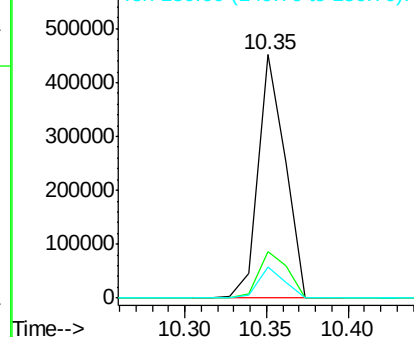


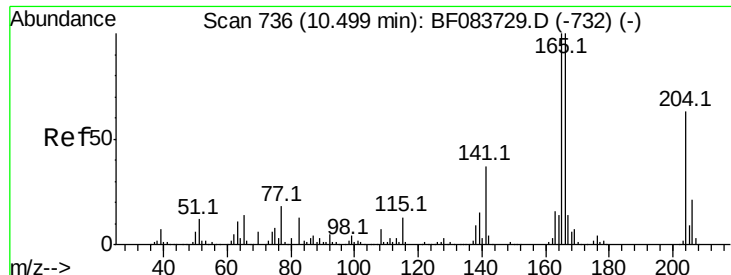
#59
 Diethylphthalate
 Concen: 34.37 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	516942		
177	19.4	16.9	25.3	
150	12.9	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





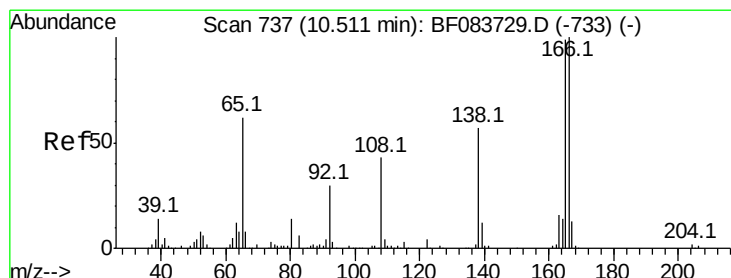
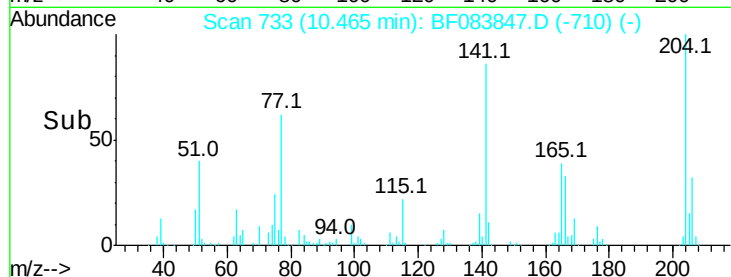
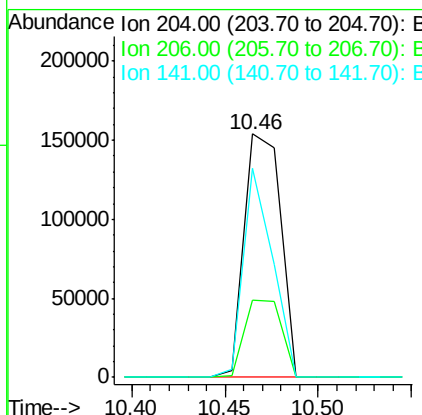
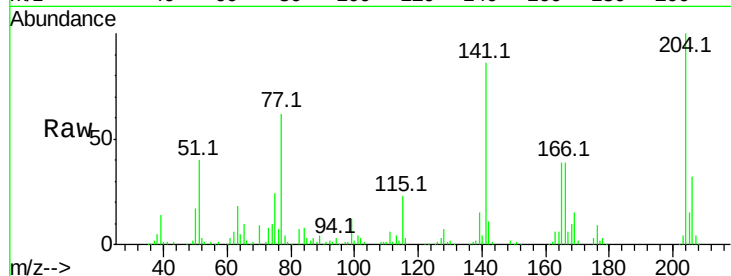
#60
 4-Chlorophenyl-phenylether
 Concen: 34.61 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion:	204	Resp:	208790
Ion Ratio	Lower	Upper	
204	100		
206	31.6	27.3	40.9
141	86.0	51.9	77.9#

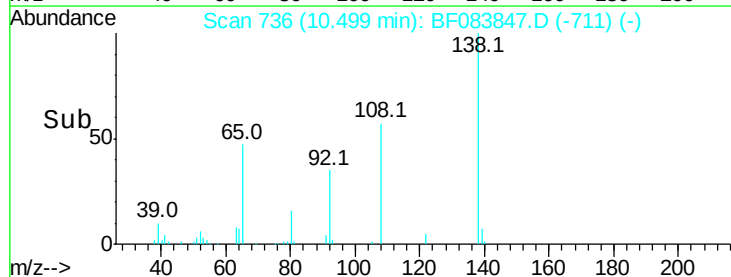
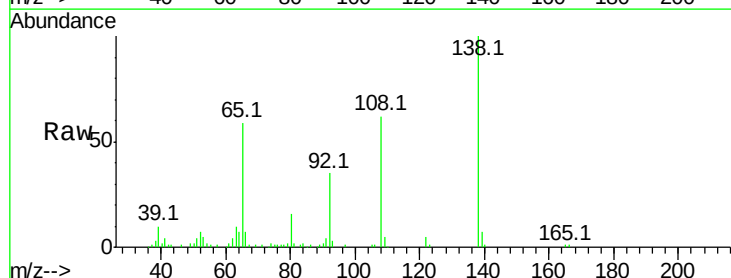
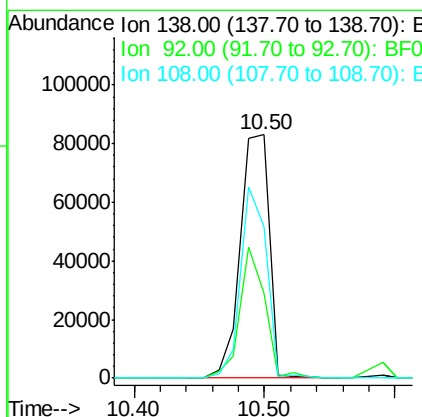
Manual Integrations
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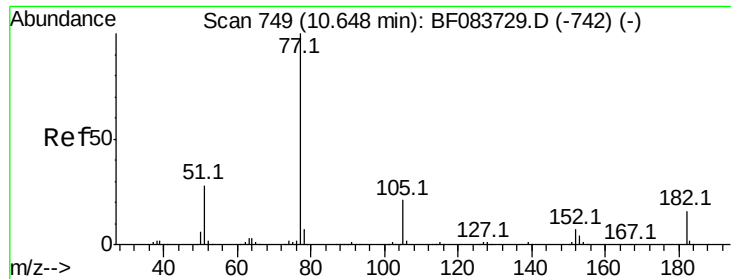
MMdadoda
 12/17/2015 5:34:11 PM



#61
 4-Nitroaniline
 Concen: 39.89 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion:	138	Resp:	127819
Ion Ratio	Lower	Upper	
138	100		
92	35.1	29.0	69.0
108	62.5	47.4	87.4





#62

Azobenzene

Concen: 36.63 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF083847.D

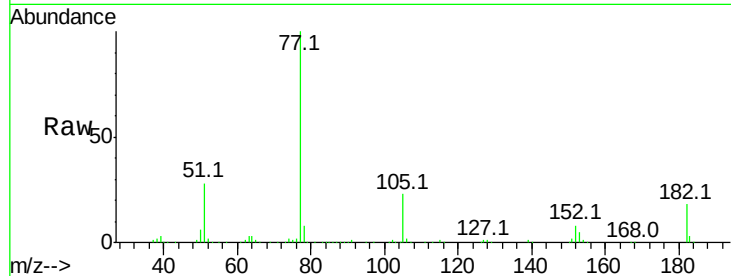
Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

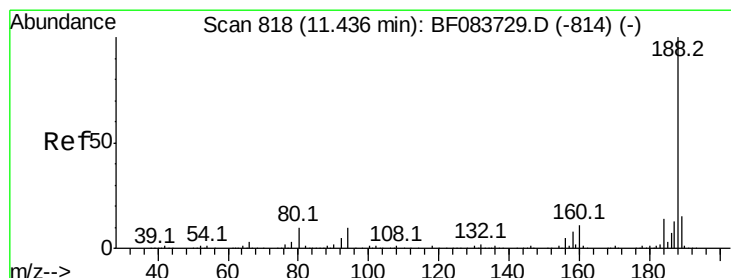
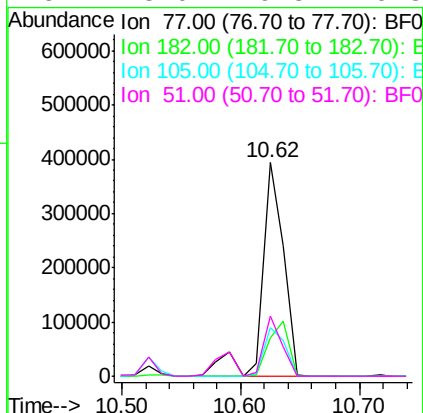
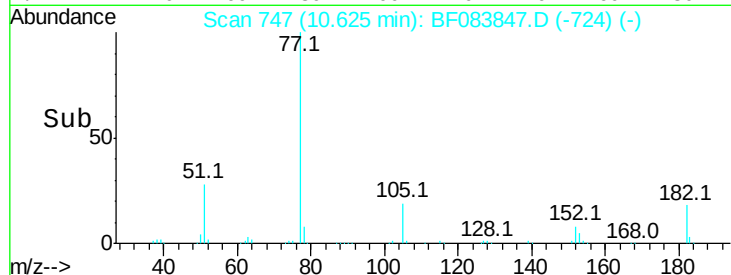
VITALE-FILL-SOURCE-6AMS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	18.2	2.5	42.5		
105	22.6	2.1	42.1		
51	28.0	9.3	49.3		

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#63

Phenanthrene-d10

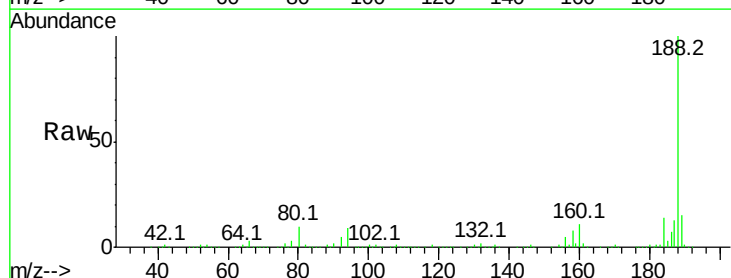
Concen: 20.00 ng

RT: 11.41 min Scan# 816

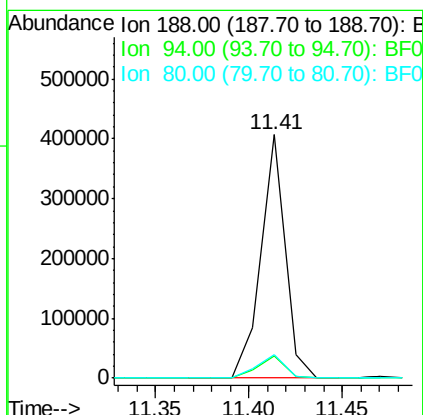
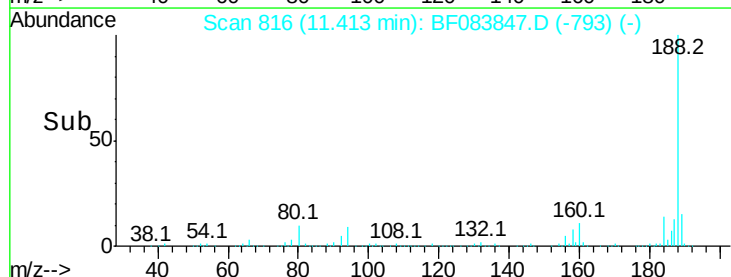
Delta R.T. -0.03 min

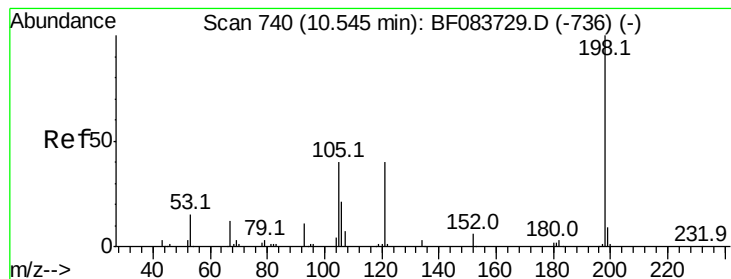
Lab File: BF083847.D

Acq: 16 Dec 2015 14:46



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1	9.4	14.2#		
80	9.5	10.6	16.0#		





#64

4,6-Dinitro-2-methylphenol

Concen: 32.49 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:198 Resp: 67495

Ion Ratio Lower Upper

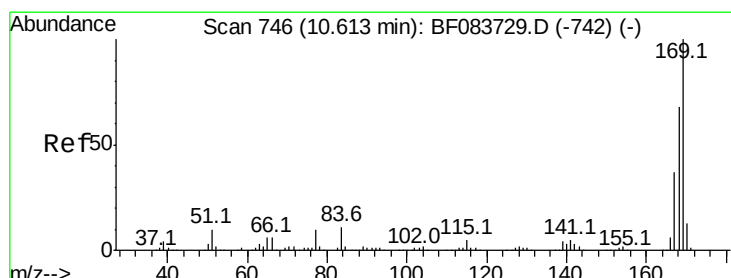
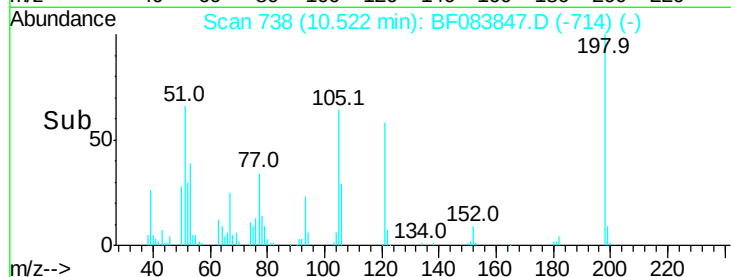
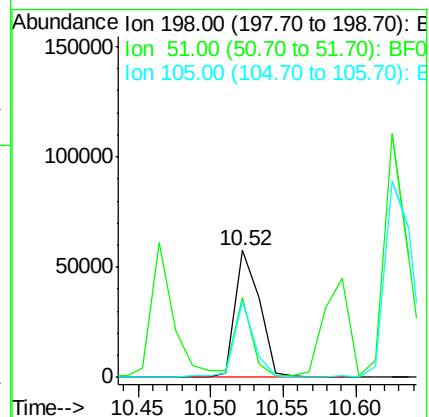
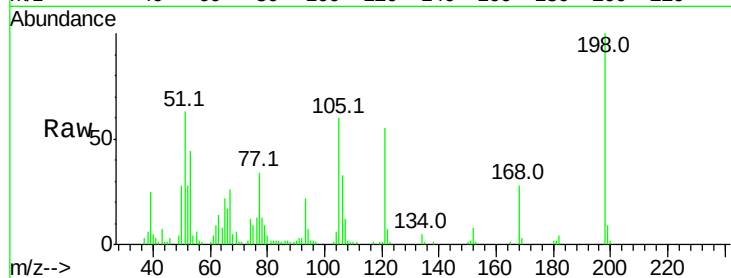
198 100

51 62.7 53.8 93.8

105 59.6 38.6 78.6

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#65

n-Nitrosodiphenylamine

Concen: 36.93 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

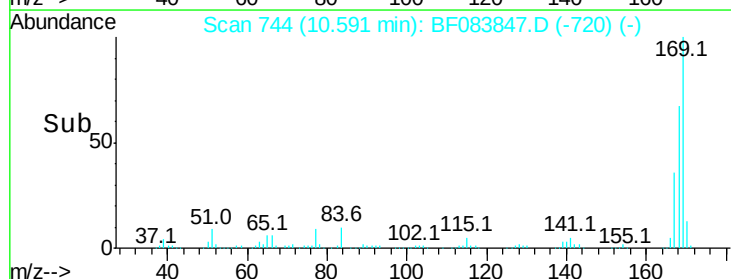
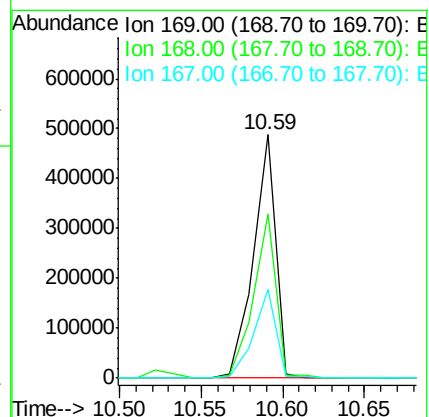
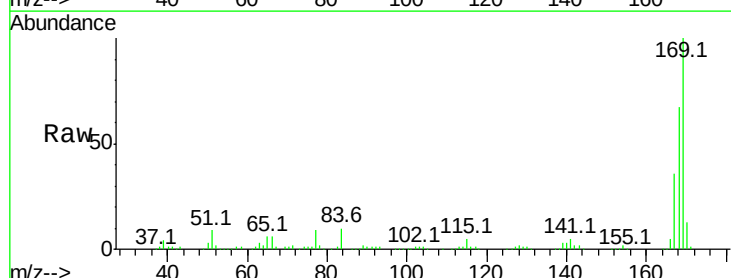
Tgt Ion:169 Resp: 461089

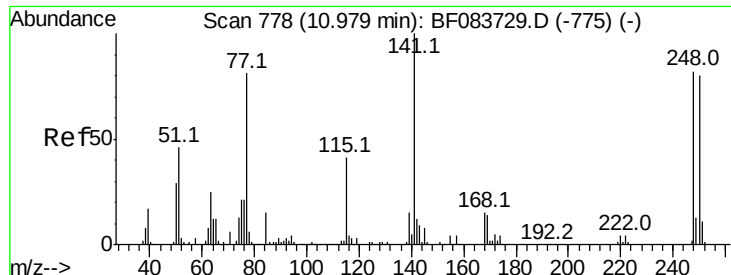
Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.6

167 36.2 29.3 43.9





#66

4-Bromophenyl-phenylether

Concen: 32.29 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

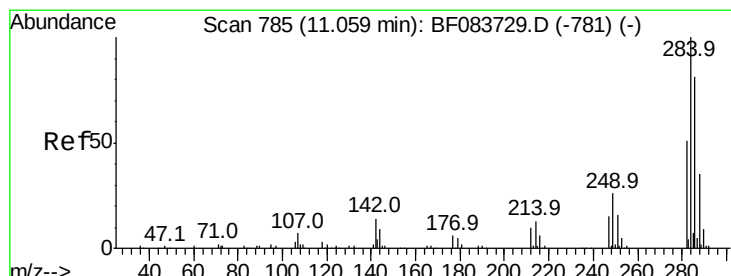
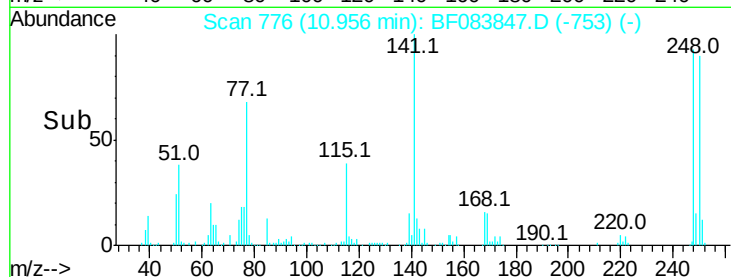
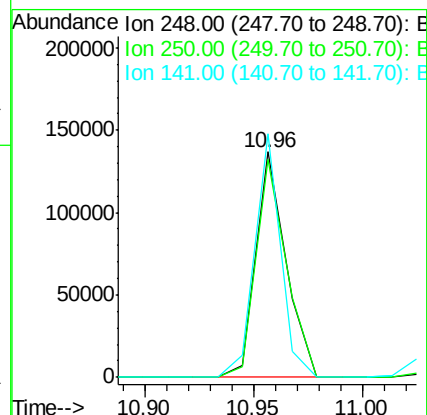
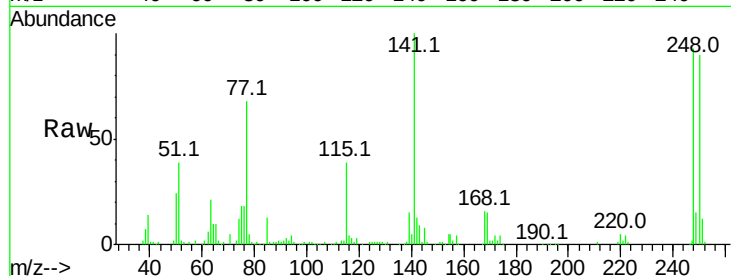
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	248	Resp:	131820
Ion Ratio	Lower	Upper	
248	100		
250	97.0	79.2	118.8
141	108.0	58.2	87.4#

Manual Integrations
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#67

Hexachlorobenzene

Concen: 33.68 ng

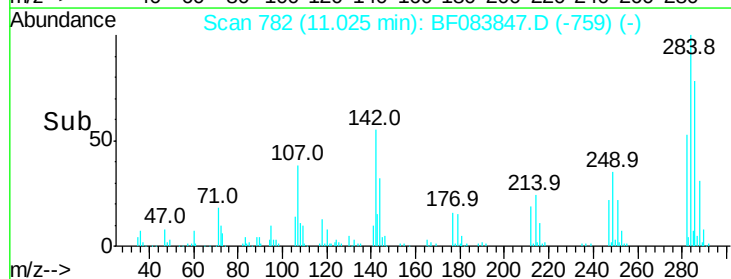
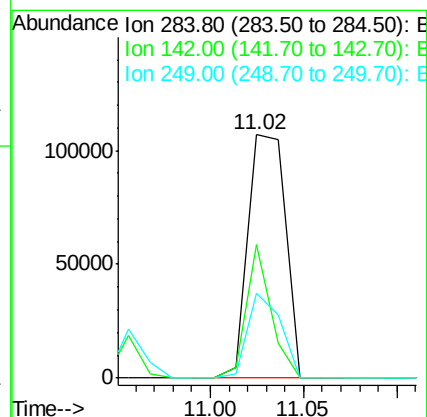
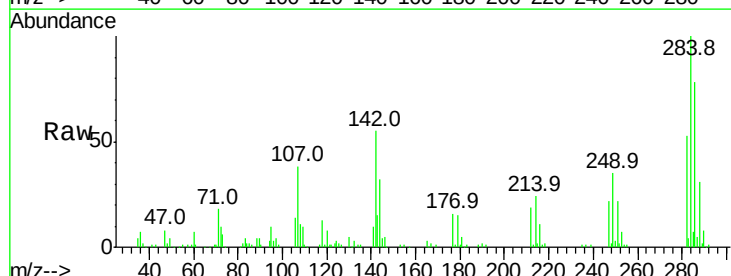
RT: 11.02 min Scan# 782

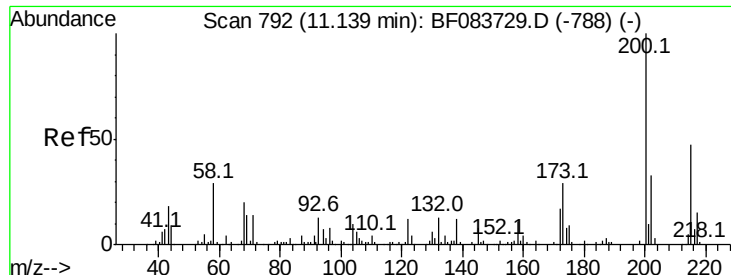
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	284	Resp:	148751
Ion Ratio	Lower	Upper	
284	100		
142	54.8	31.0	46.4#
249	35.0	26.9	40.3





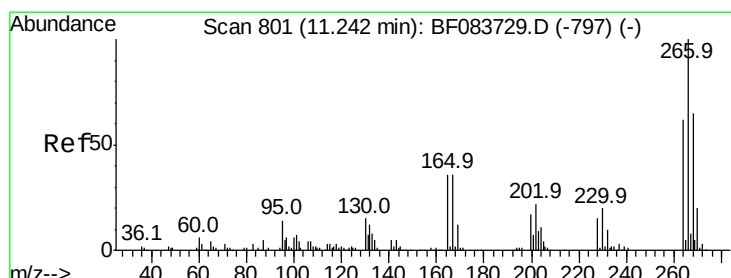
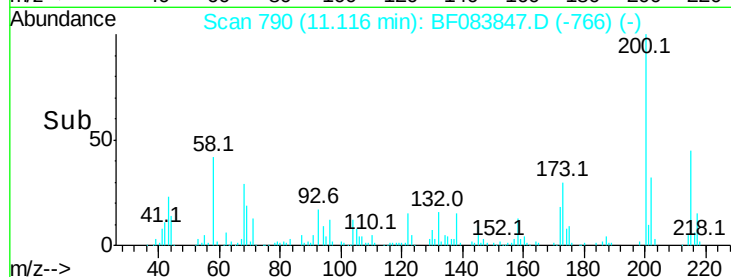
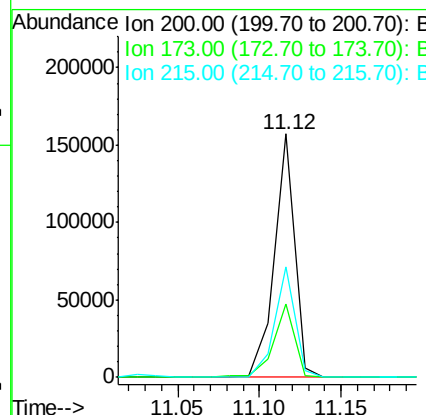
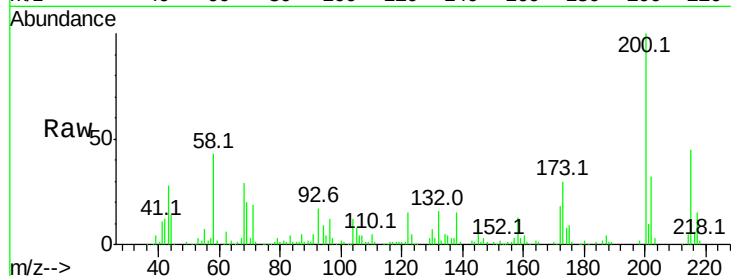
#68
Atrazine
Concen: 38.64 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	137291		
173	30.3	7.8	47.8	
215	45.5	25.7	65.7	

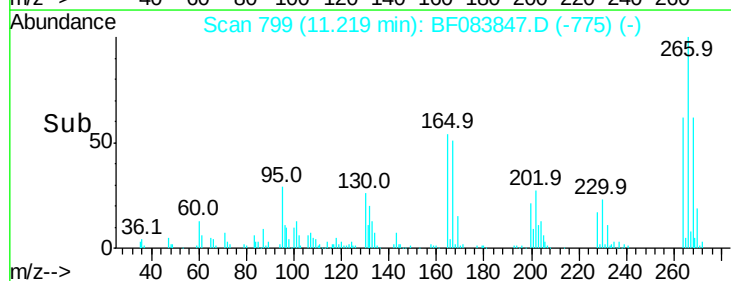
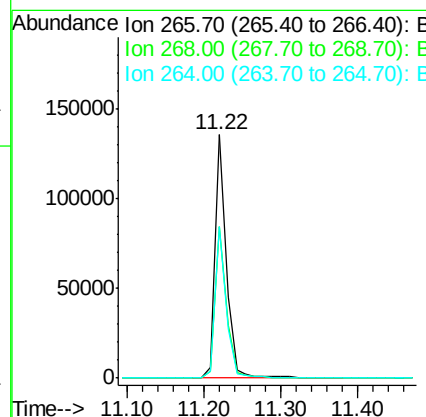
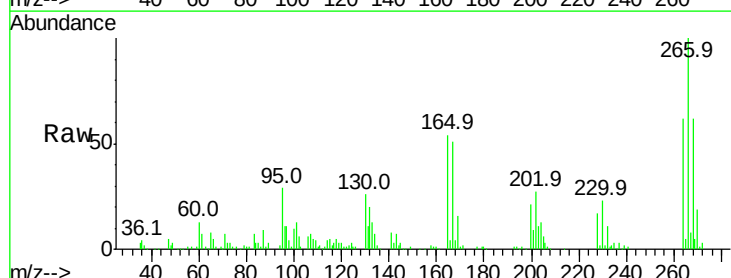
Manual Integrations
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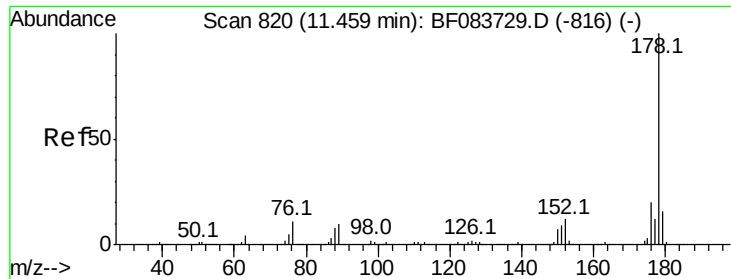
MMdadoda
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#69
Pentachlorophenol
Concen: 54.97 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	136953		
268	62.1	50.2	75.2	
264	62.1	51.4	77.2	





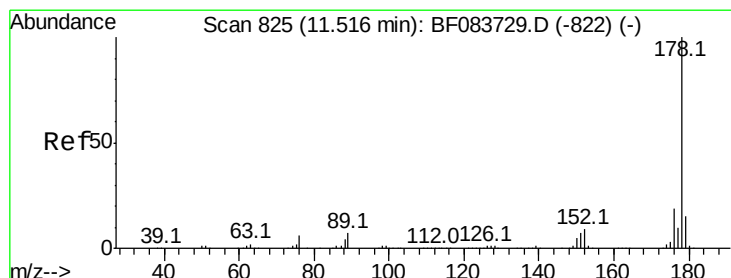
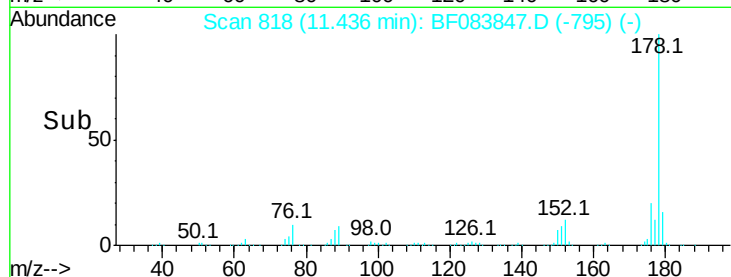
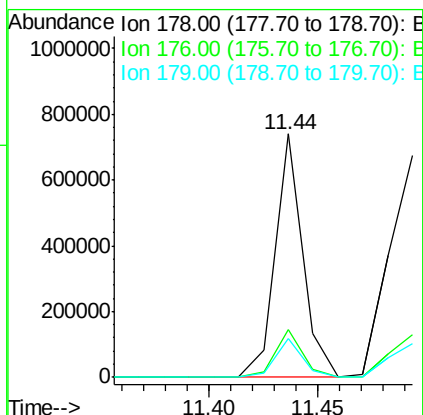
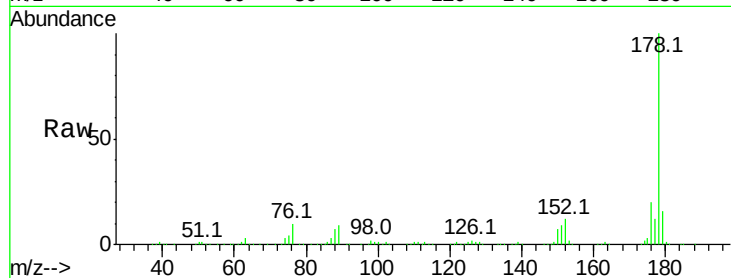
#70
Phenanthrene
Concen: 33.95 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.9	12.2	18.4

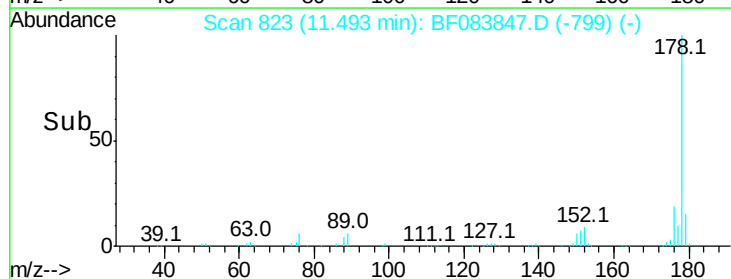
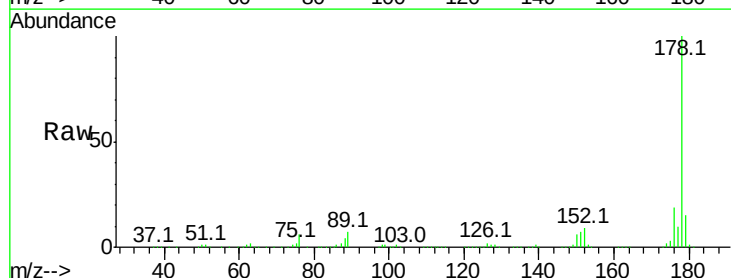
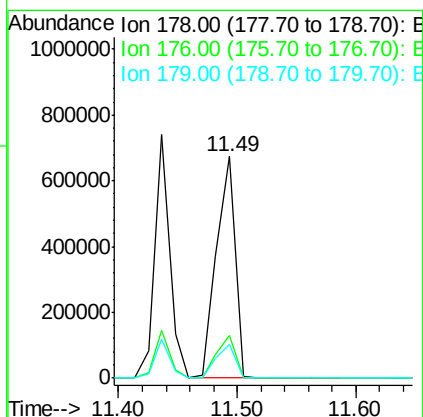
Manual Integrations
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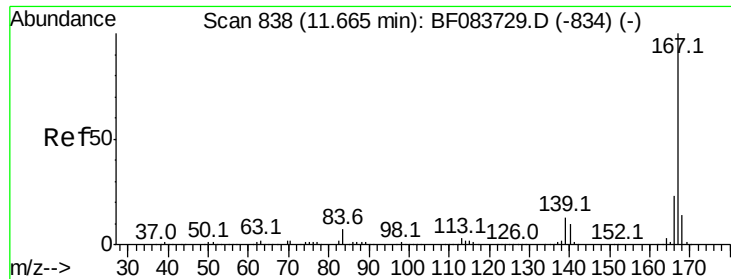
MMdadoda
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#71
Anthracene
Concen: 36.30 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.5	12.6	18.8





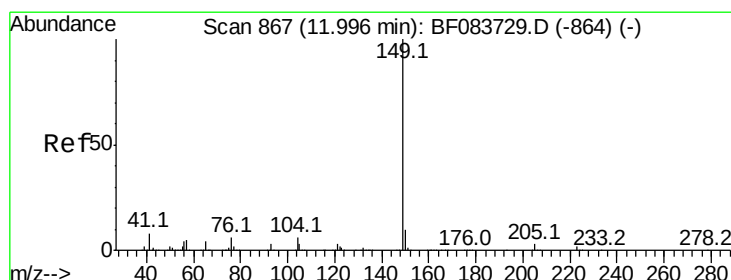
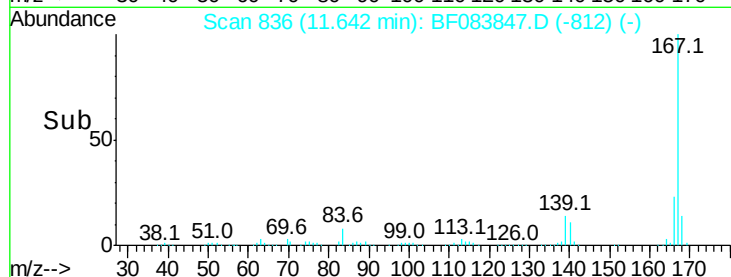
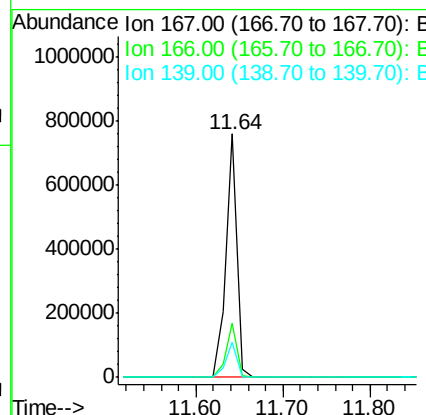
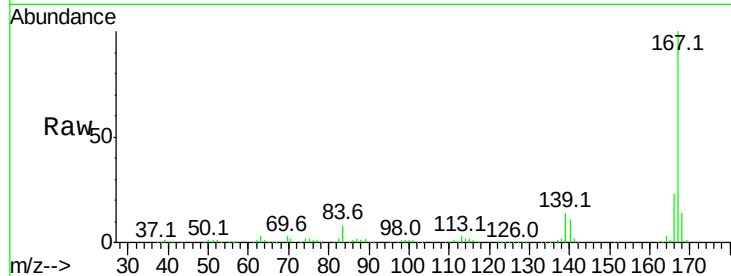
#72
 Carbazole
 Concen: 36.53 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	22.5	17.2	25.8
139	14.3	9.3	13.9

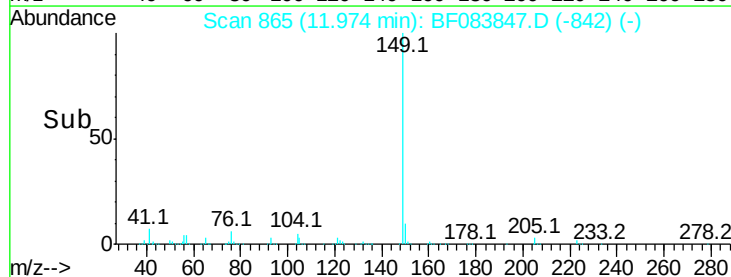
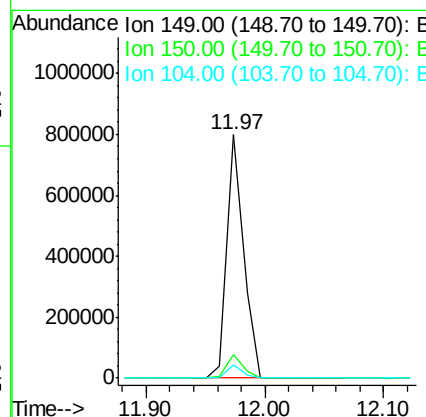
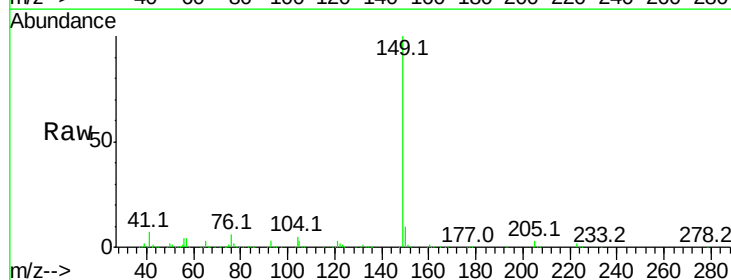
Manual Integrations
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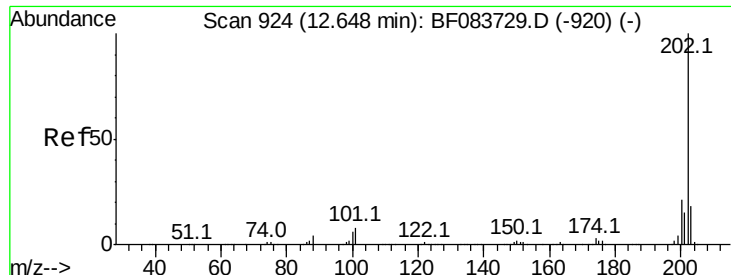
MMdadoda
 12/17/2015 5:34:11 PM



#73
 Di-n-butylphthalate
 Concen: 33.62 ng
 RT: 11.97 min Scan# 865
 Delta R.T. -0.03 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.4	3.9	5.9





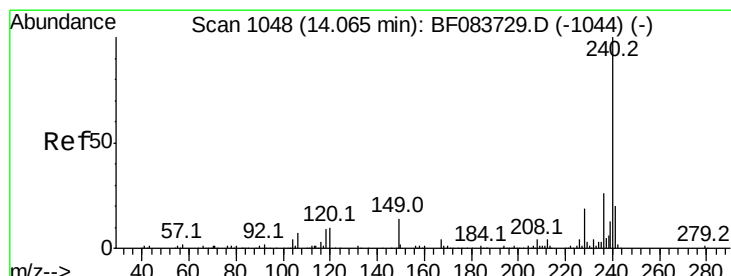
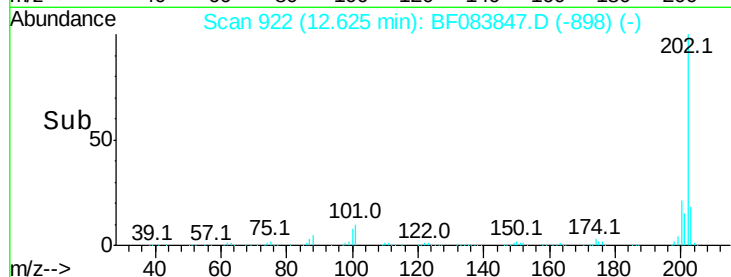
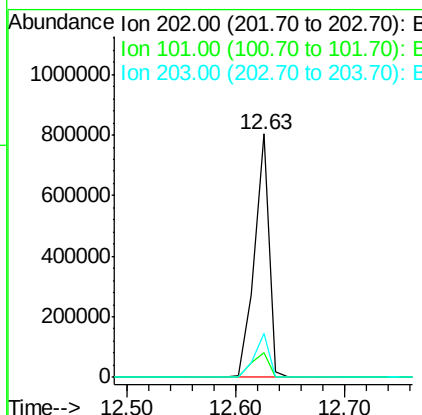
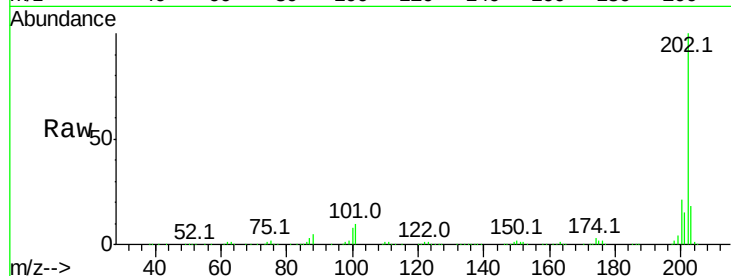
#74
Fluoranthene
 Concen: 37.77 ng
 RT: 12.63 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	31.5
203	17.9	0.0	37.6

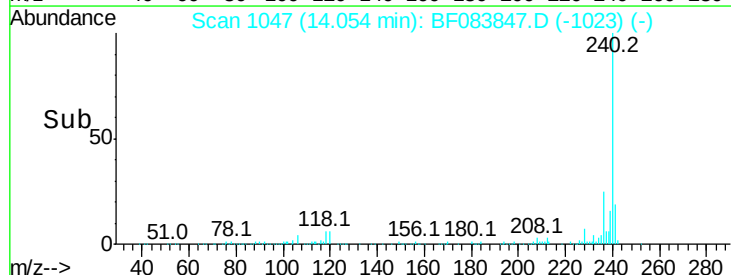
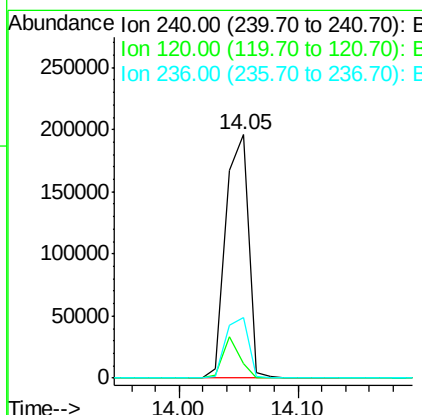
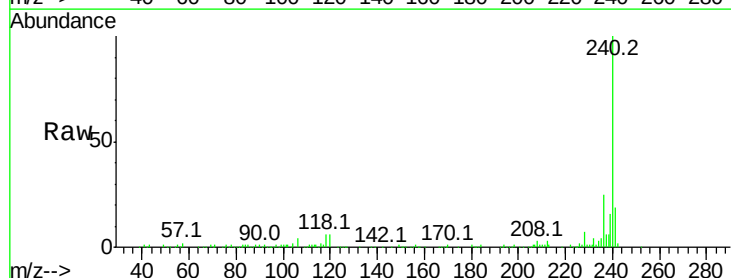
Manual Integrations
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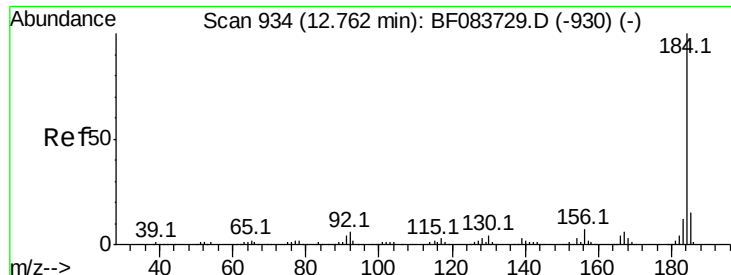
MMdadoda
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.2	8.1	12.1#
236	25.0	20.8	31.2





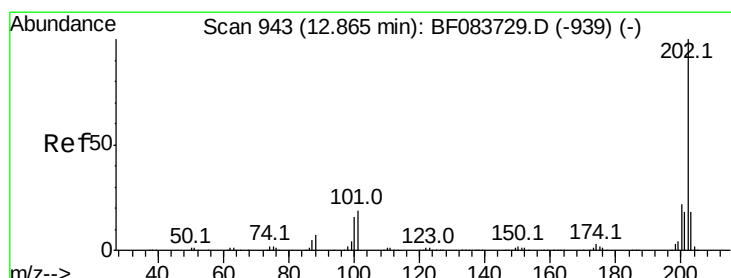
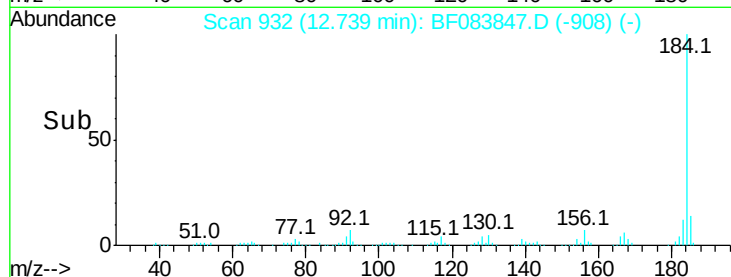
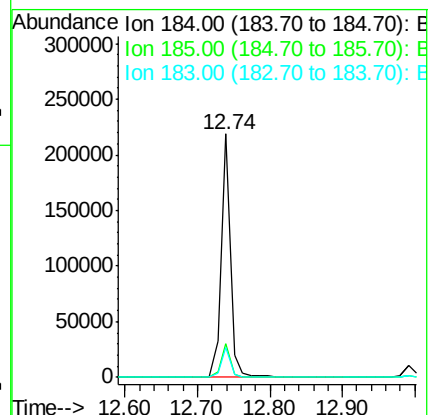
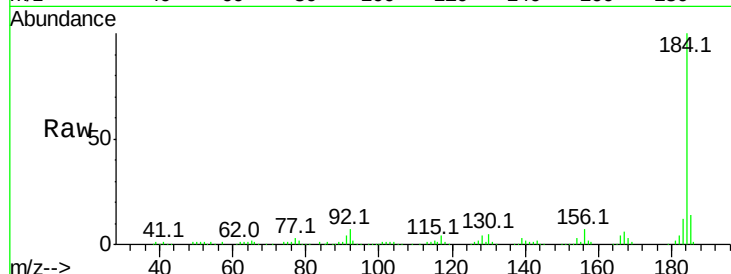
#76
Benzidine
Concen: 24.63 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	13.0	19.6	
183	12.1	9.0	13.4	

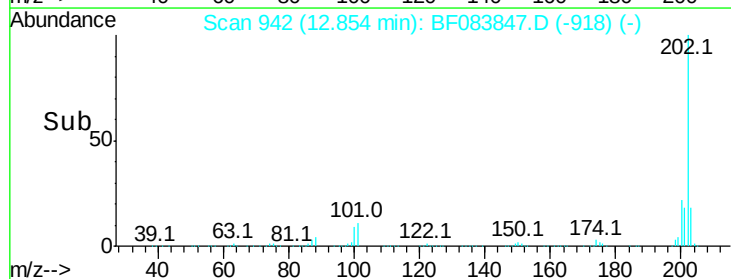
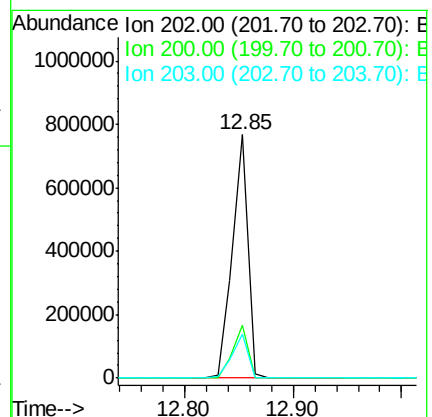
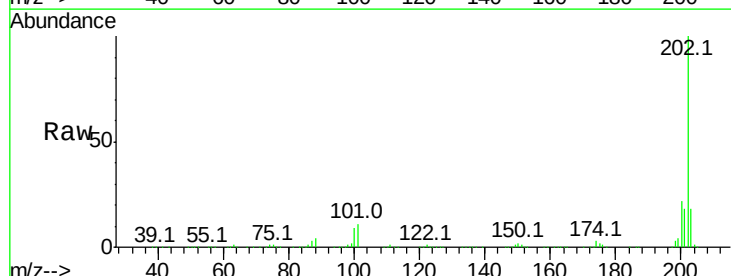
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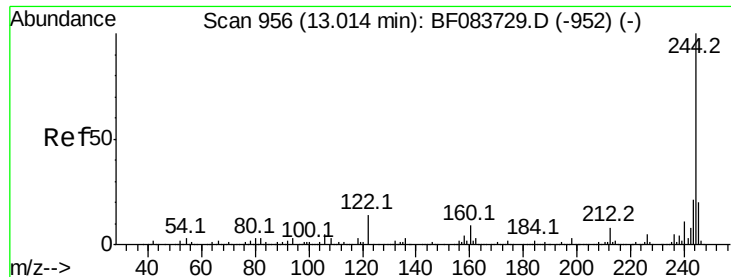
MMdadoda
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#77
Pyrene
Concen: 36.95 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	16.7	25.1	
203	17.9	14.3	21.5	





#78

Terphenyl-d14

Concen: 64.74 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

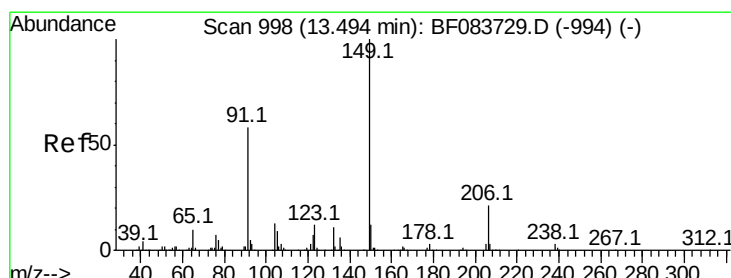
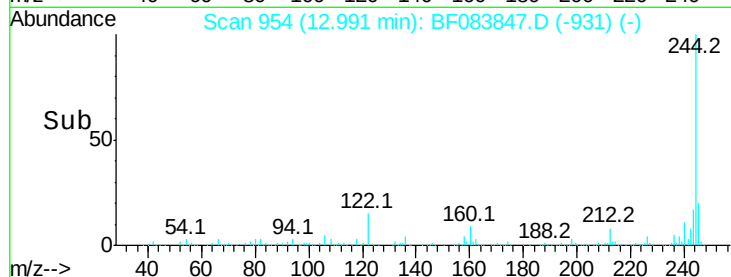
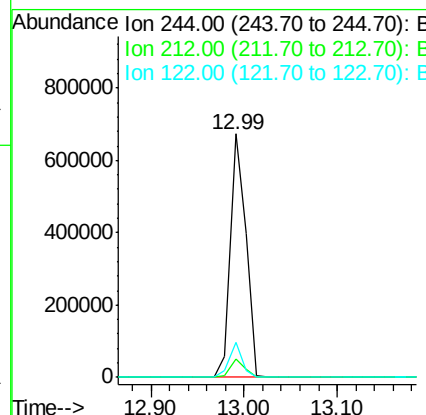
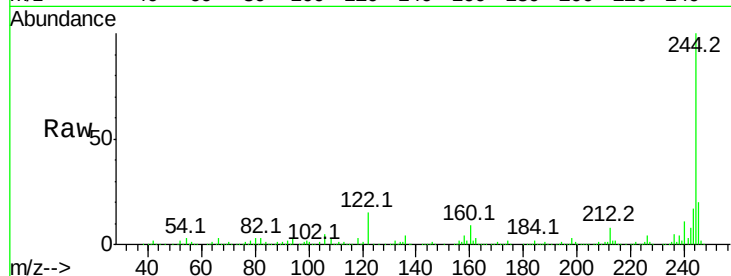
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	244	Resp:	780170
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.1	9.1
122	14.5	11.0	16.6

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#79

Butylbenzylphthalate

Concen: 39.57 ng

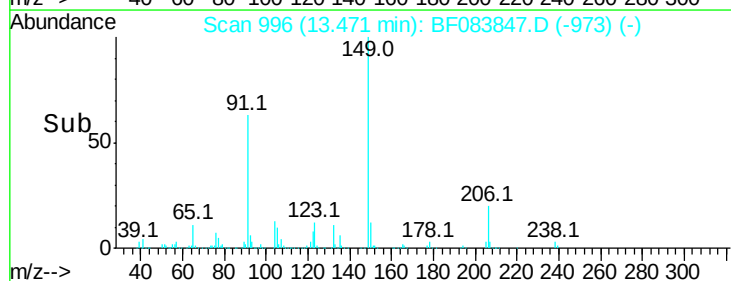
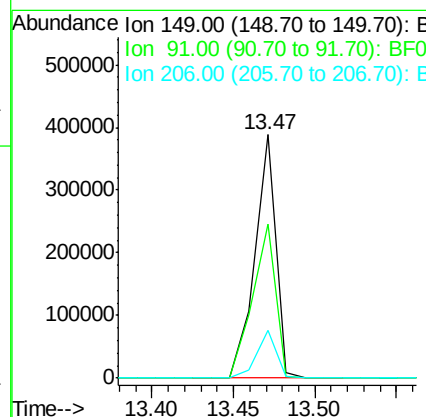
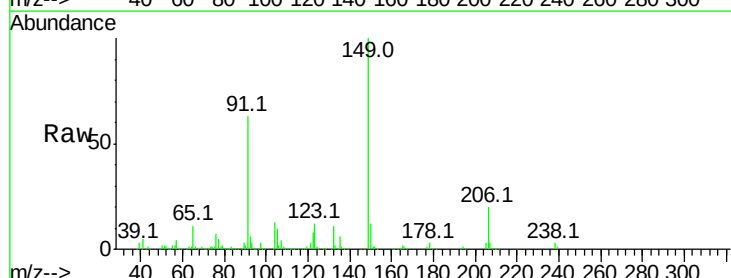
RT: 13.47 min Scan# 996

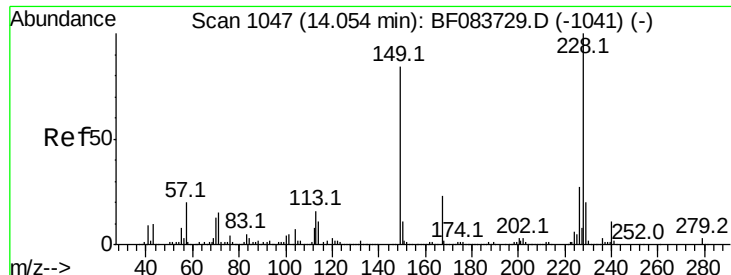
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	149	Resp:	347991
Ion Ratio	Lower	Upper	
149	100		
91	63.3	60.0	90.0
206	19.6	16.2	24.4





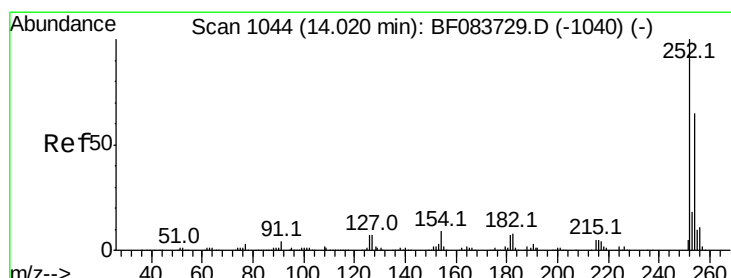
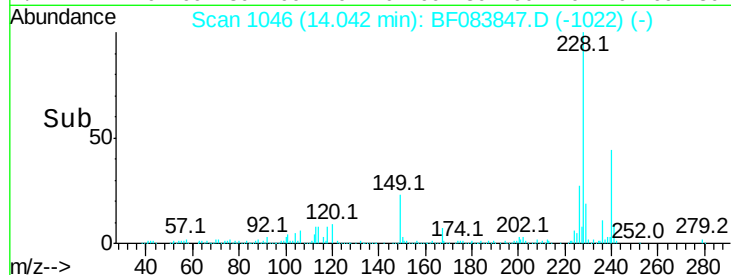
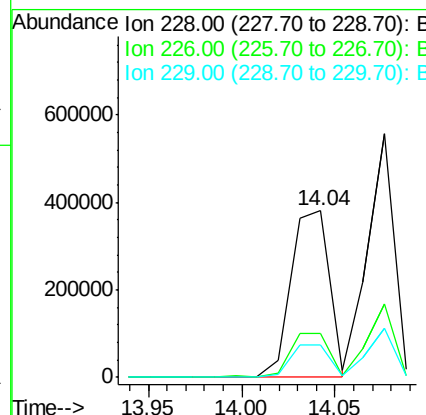
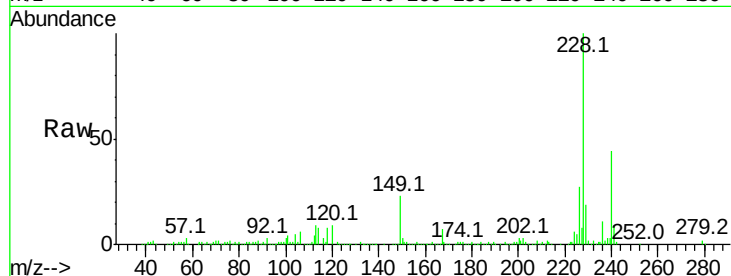
#80
 Benzo(a)anthracene
 Concen: 37.05 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6AMS

Tot Ion:	228	Resp:	546176
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.3	33.5
229	19.4	15.7	23.5

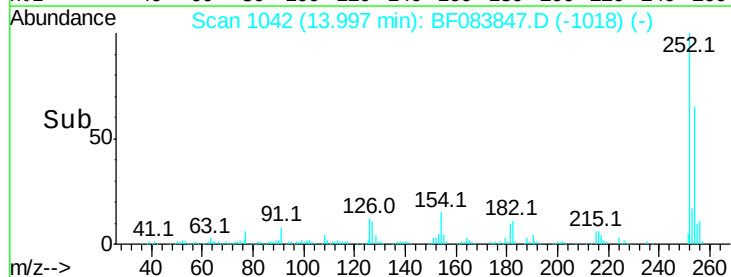
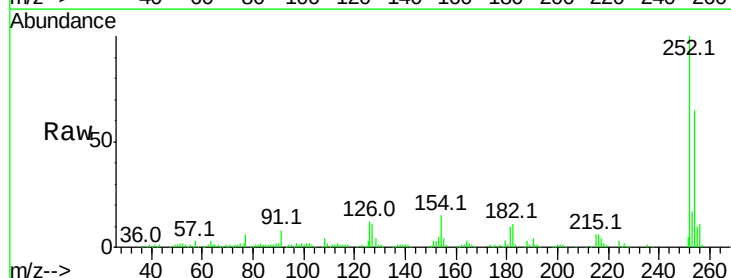
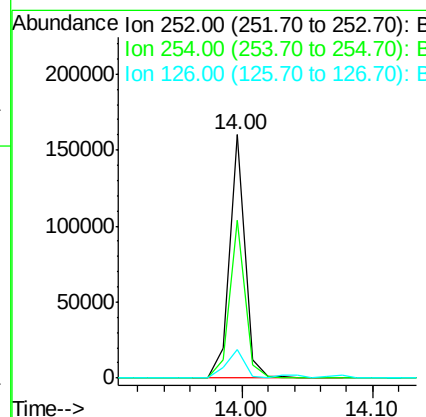
Manual Integrations
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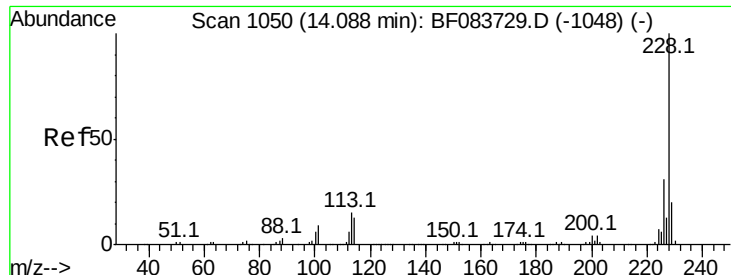
MMdadoda
 12/17/2015 5:34:11 PM



#81
 3,3'-Dichlorobenzidine
 Concen: 25.13 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF083847.D
 Acq: 16 Dec 2015 14:46

Tgt Ion:	252	Resp:	133617
Ion Ratio	Lower	Upper	
252	100		
254	65.1	50.6	76.0
126	11.6	11.0	16.4





#82

Chrysene

Concen: 38.15 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Instrument :

BNA_F

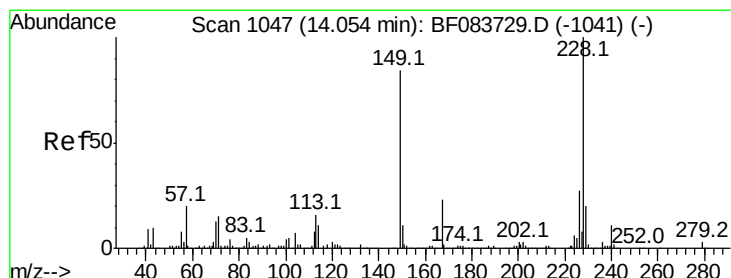
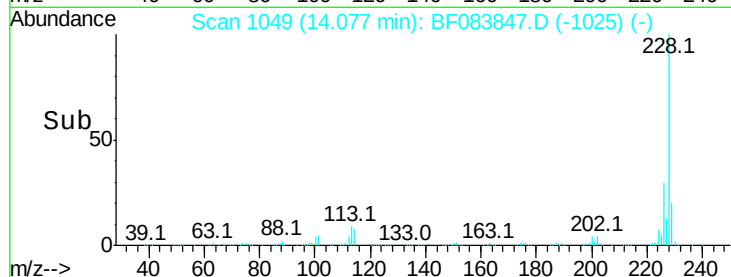
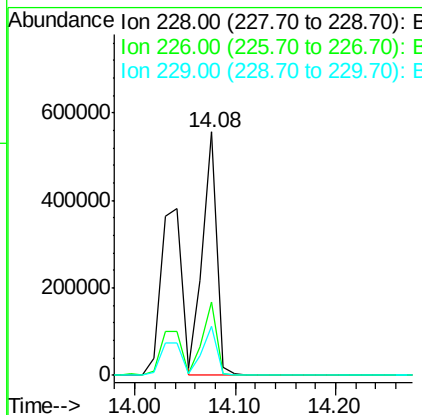
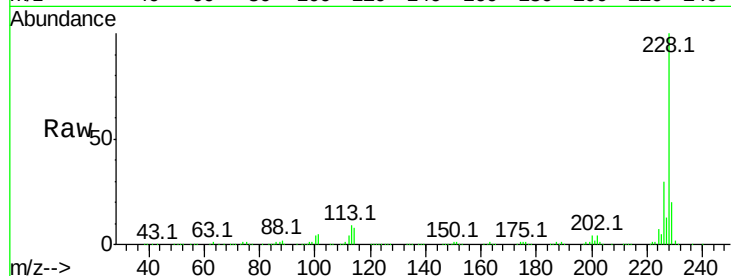
ClientSampleId :

VITALE-FILL-SOURCE-6AMS

Tot Ion:	228	Resp:	548551
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	20.0	16.3	24.5

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 39.04 ng

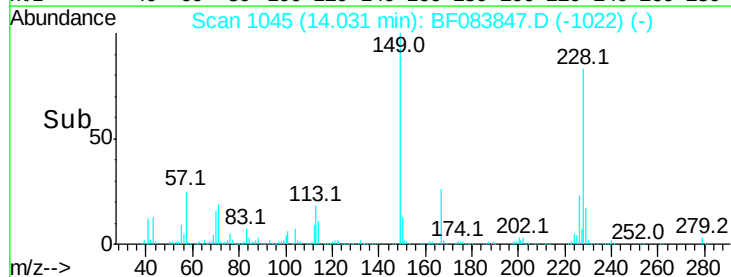
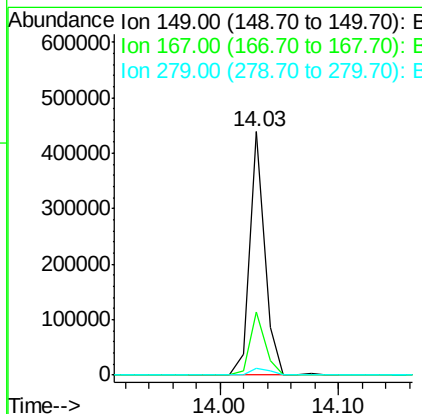
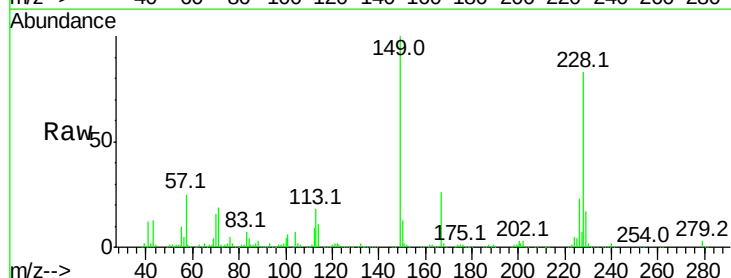
RT: 14.03 min Scan# 1045

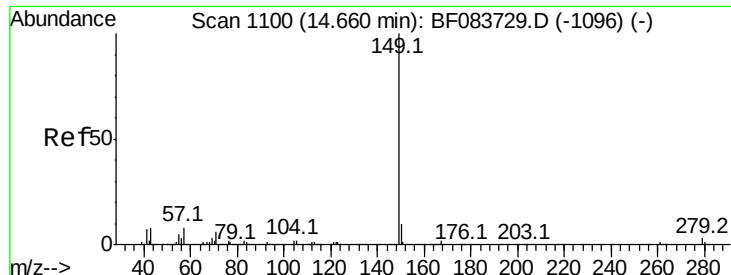
Delta R.T. -0.03 min

Lab File: BF083847.D

Acq: 16 Dec 2015 14:46

Tgt Ion:	149	Resp:	390682
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.8
279	2.8	3.0	4.4#





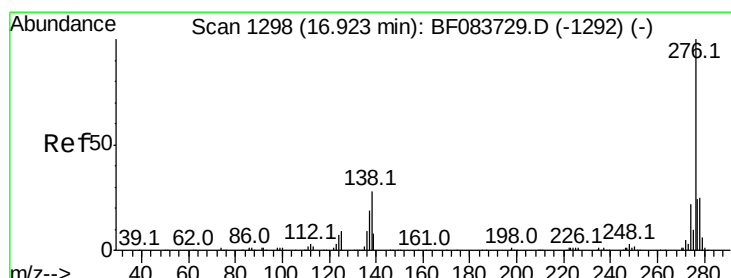
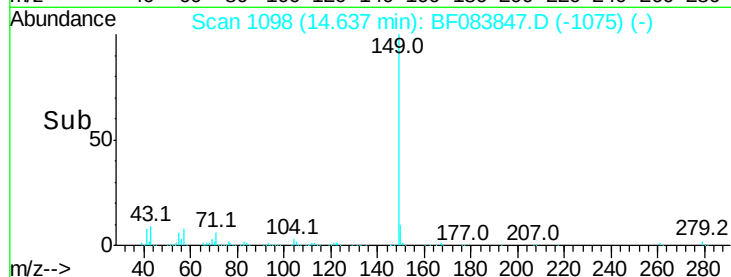
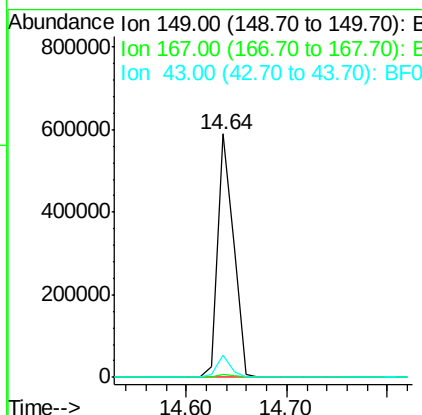
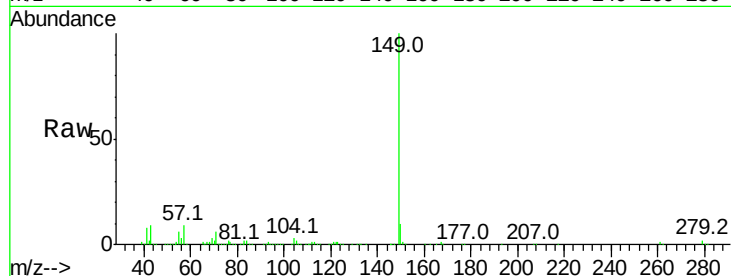
#84
Di-n-octyl phthalate
Concen: 40.57 ng
RT: 14.64 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.7	0.0	0.0#

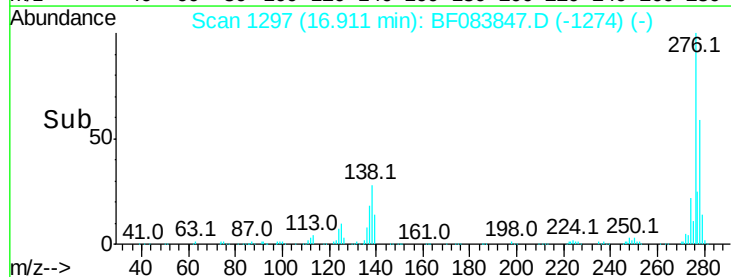
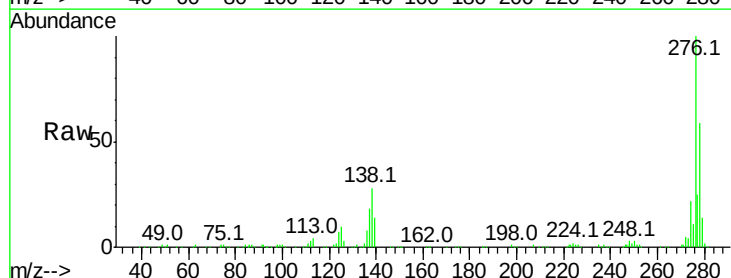
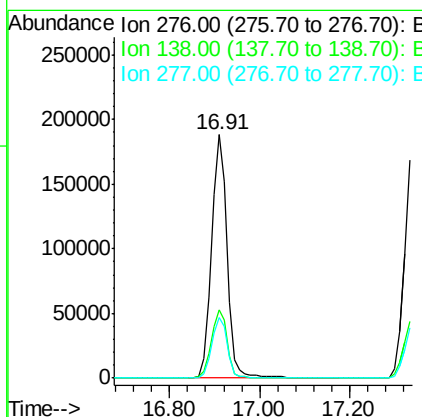
Manual Integrations
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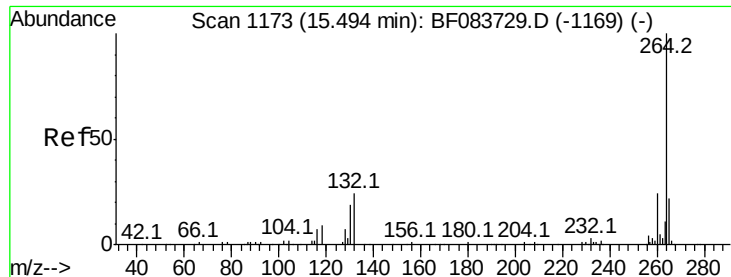
MMdadoda
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#85
Indeno(1,2,3-cd)pyrene
Concen: 32.05 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.8	0.0	0.0#
277	25.3	0.0	0.0#





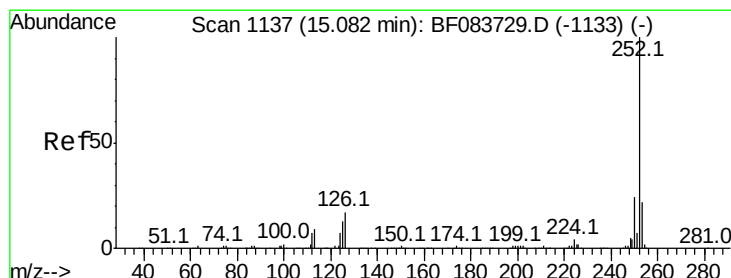
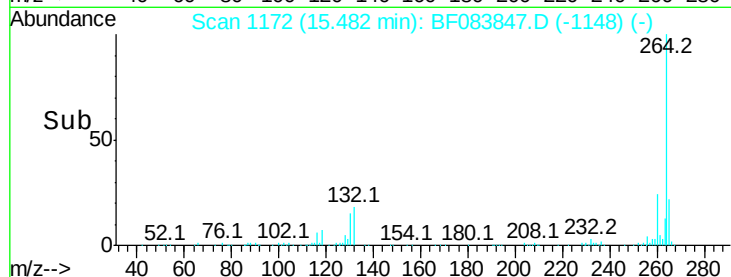
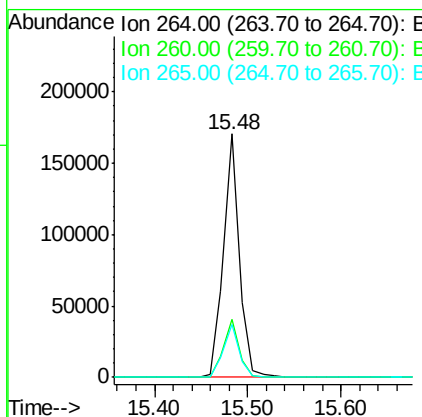
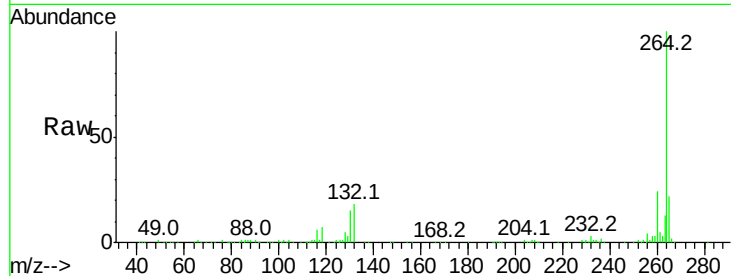
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.7	17.8	26.6

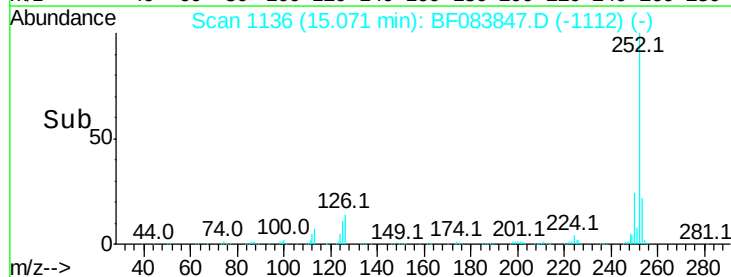
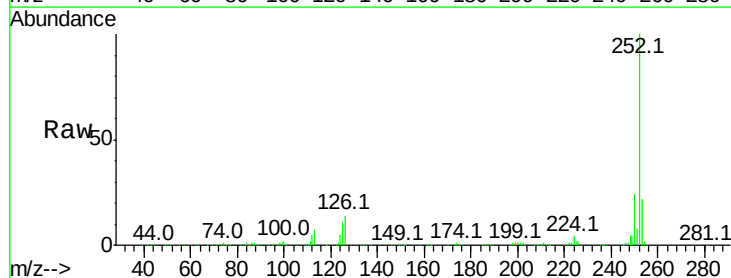
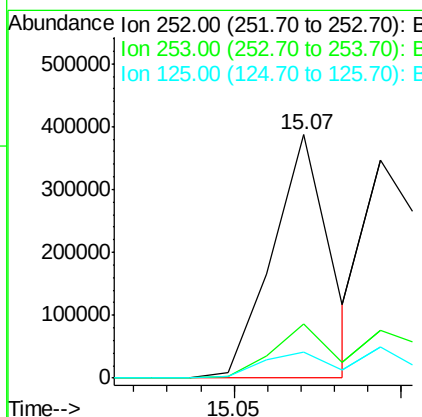
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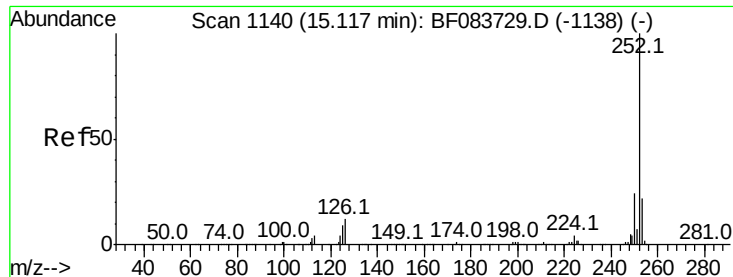
MMdadoda
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#87
Benzo(b)fluoranthene
Concen: 36.06 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.9	8.2	12.4





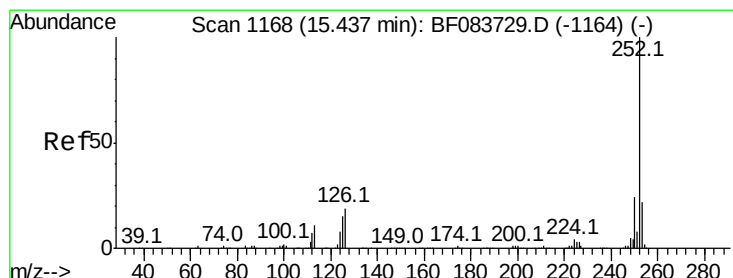
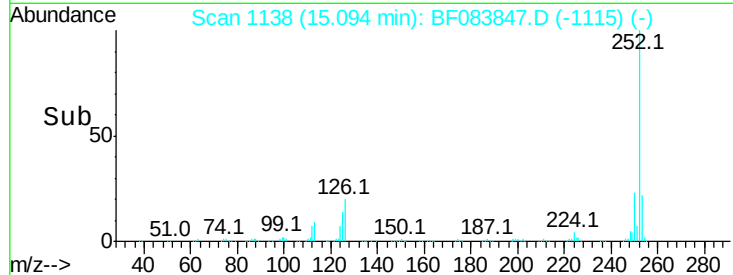
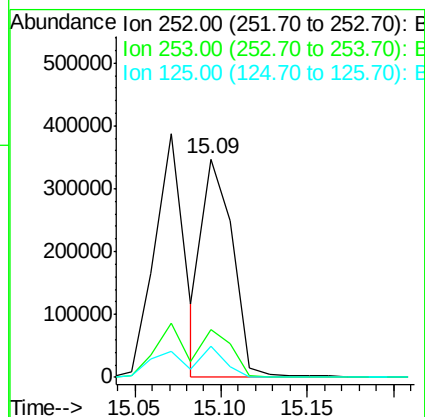
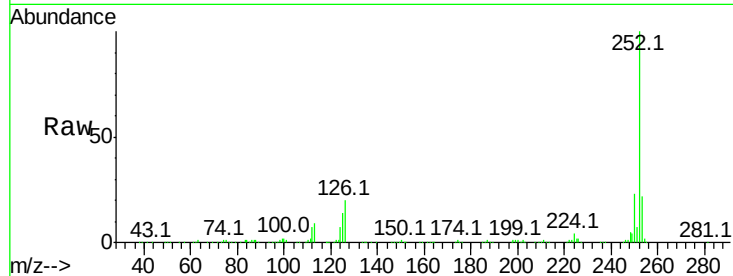
#88
Benzo(k)fluoranthene
Concen: 36.58 ng m
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	14.2	11.5	17.3

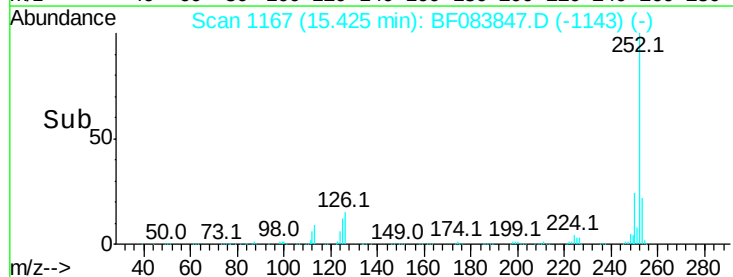
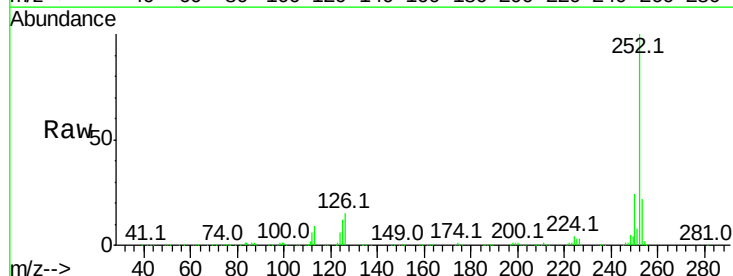
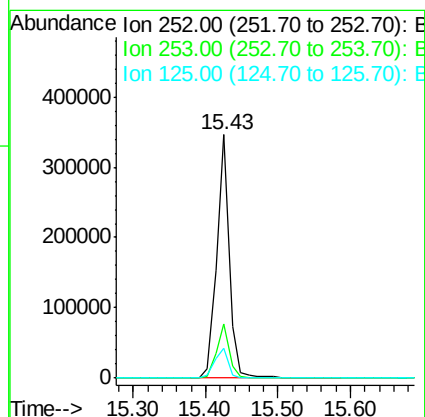
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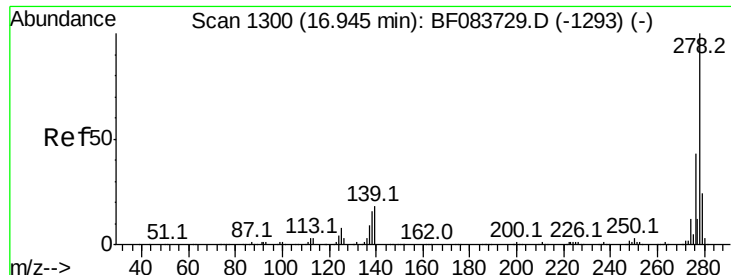
MMdadoda
12/17/2015 5:34:11 PM



#89
Benzo(a)pyrene
Concen: 36.32 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.1	11.0	16.6





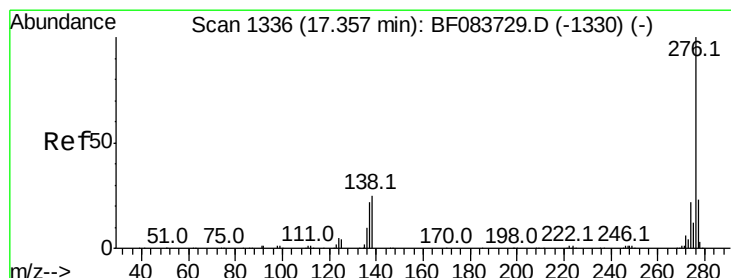
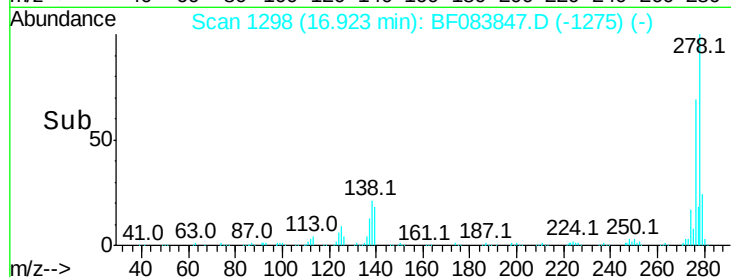
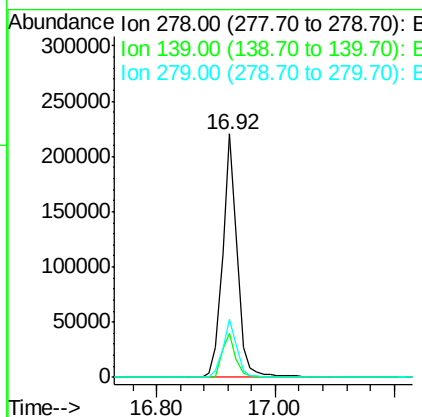
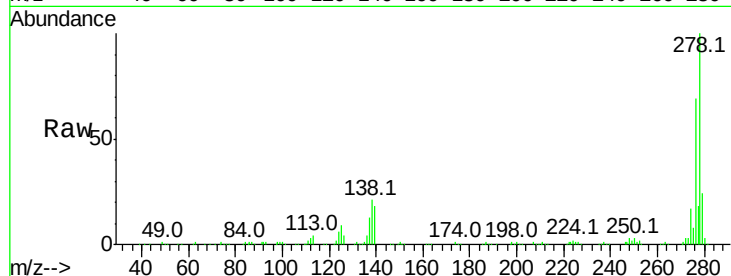
#90
Dibenzo(a,h)anthracene
Concen: 33.01 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	23.6	18.6	28.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 32.83 ng
RT: 17.33 min Scan# 1334
Delta R.T. -0.05 min
Lab File: BF083847.D
Acq: 16 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	26.0	19.5	29.3

