

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081253.D
 Acq On : 27 Aug 2015 18:36
 Operator : UM/IZ
 Sample : G3441-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Manual Integrations
 APPROVED

MMDadoda
 8/28/2015 2:22:56 PM

Quant Time: Aug 28 11:45:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 22:56:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46319	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	198307	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	93497	20.00	ng	0.00
63) Phenanthrene-d10	11.01	188	191729	20.00	ng	0.00
75) Chrysene-d12	13.62	240	141115	20.00	ng	0.00
86) Perylene-d12	14.94	264	111693	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	424913	137.98	ng	0.02
7) Phenol-d6	6.17	99	639194	159.08	ng	0.01
23) Nitrobenzene-d5	7.09	82	400462	92.25	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	117779	145.32	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	664330	93.10	ng	0.00
78) Terphenyl-d14	12.58	244	540182	82.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	54215	37.36	ng	95
3) Pyridine	2.51	79	146327	35.73	ng	# 80
4) n-Nitrosodimethylamine	2.48	42	99986	43.84	ng	# 69
6) Aniline	6.17	93	180520m	30.90	ng	
8) 2-Chlorophenol	6.29	128	158813	47.11	ng	90
9) Benzaldehyde	6.05	77	34297	13.24	ng	88
10) Phenol	6.18	94	258288	54.43	ng	# 69
11) bis(2-Chloroethyl)ether	6.26	93	174461	47.91	ng	96
12) 1,3-Dichlorobenzene	6.45	146	161916	44.71	ng	96
13) 1,4-Dichlorobenzene	6.53	146	165433	46.13	ng	99
14) 1,2-Dichlorobenzene	6.67	146	141075	42.03	ng	99
15) Benzyl Alcohol	6.66	79	149865	46.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	346485	48.43	ng	97
17) 2-Methylphenol	6.79	107	137056	47.39	ng	97
18) Hexachloroethane	7.02	117	65232	45.02	ng	98
19) n-Nitroso-di-n-propylamine	6.95	70	143626	51.60	ng	86
20) 3+4-Methylphenols	6.95	107	181995	49.58	ng	# 45
22) Acetophenone	6.94	105	257781	49.51	ng	# 84
24) Nitrobenzene	7.10	77	177512	39.11	ng	94
25) Isophorone	7.35	82	375693	46.41	ng	97
26) 2-Nitrophenol	7.42	139	87896	46.56	ng	# 82
27) 2,4-Dimethylphenol	7.47	122	163828	49.06	ng	93
28) bis(2-Chloroethoxy)methane	7.57	93	221458	46.31	ng	99
29) 2,4-Dichlorophenol	7.67	162	133349	47.43	ng	98
30) 1,2,4-Trichlorobenzene	7.74	180	128020	40.97	ng	97
31) Naphthalene	7.82	128	510728	46.20	ng	99
32) Benzoic acid	7.60	122	51284	27.30	ng	92
33) 4-Chloroaniline	7.87	127	97144	20.83	ng	# 90
34) Hexachlorobutadiene	7.94	225	81496	46.12	ng	98
35) Caprolactam	8.26	113	54265m	55.23	ng	
36) 4-Chloro-3-methylphenol	8.38	107	173862	51.89	ng	97
37) 2-Methylnaphthalene	8.50	142	295801	42.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	133742	44.34	ng	# 98
40) Hexachlorocyclopentadiene	8.66	237	136086	87.16	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	91037	42.72	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	97276	45.67	ng #	87
45) 1,1'-Biphenyl	8.97	154	376866	45.76	ng	96
46) 2-Chloronaphthalene	8.99	162	303895	45.93	ng	99
47) 2-Nitroaniline	9.10	65	142108	52.49	ng	92
48) Acenaphthylene	9.39	152	488063	41.24	ng	98
49) Dimethylphthalate	9.29	163	439597	57.09	ng	100
50) 2,6-Dinitrotoluene	9.35	165	84965	51.39	ng #	76
51) Acenaphthene	9.58	154	284180	40.11	ng	99
52) 3-Nitroaniline	9.51	138	67348	32.55	ng #	76
53) 2,4-Dinitrophenol	9.61	184	61042	68.48	ng	92
54) Dibenzofuran	9.75	168	416521	43.87	ng	98
55) 4-Nitrophenol	9.69	139	134520	92.58	ng #	78
56) 2,4-Dinitrotoluene	9.75	165	107418	49.02	ng #	80
57) Fluorene	10.08	166	293920	40.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	77568	47.05	ng	93
59) Diethylphthalate	9.98	149	389106	47.74	ng	99
60) 4-Chlorophenyl-phenylether	10.08	204	140350	45.41	ng	100
61) 4-Nitroaniline	10.13	138	97156	45.95	ng	87
62) Azobenzene	10.24	77	462500	49.25	ng	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	54632	47.71	ng #	80
65) n-Nitrosodiphenylamine	10.21	169	300950	43.97	ng	100
66) 4-Bromophenyl-phenylether	10.56	248	83122	44.13	ng #	61
67) Hexachlorobenzene	10.63	284	85184	44.66	ng #	81
68) Atrazine	10.74	200	103286	54.17	ng	97
69) Pentachlorophenol	10.82	266	106907	93.41	ng	98
70) Phenanthrene	11.03	178	454109	39.96	ng	99
71) Anthracene	11.09	178	508692	46.01	ng	98
72) Carbazole	11.25	167	512140	48.11	ng	98
73) Di-n-butylphthalate	11.59	149	590316	45.83	ng	99
74) Fluoranthene	12.21	202	561576	45.80	ng	97
76) Benzidine	12.33	184	222815	41.80	ng	98
77) Pyrene	12.42	202	490710	42.78	ng	99
79) Butylbenzylphthalate	13.06	149	251815	51.07	ng #	62
80) Benzo(a)anthracene	13.61	228	439894	46.48	ng	99
81) 3,3'-Dichlorobenzidine	13.58	252	84552	27.58	ng	96
82) Chrysene	13.65	228	406288	47.64	ng	99
83) Bis(2-ethylhexyl)phthalate	13.64	149	375388	59.43	ng	99
84) Di-n-octyl phthalate	14.24	149	611584	63.71	ng	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	306716	51.22	ng #	94
87) Benzo(b)fluoranthene	14.60	252	336245m	42.56	ng	
88) Benzo(k)fluoranthene	14.63	252	344386m	46.78	ng	
89) Benzo(a)pyrene	14.89	252	323275	46.96	ng	98
90) Dibenzo(a,h)anthracene	16.12	278	254101	47.37	ng #	97
91) Benzo(g,h,i)perylene	16.45	276	254304	46.73	ng #	94

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

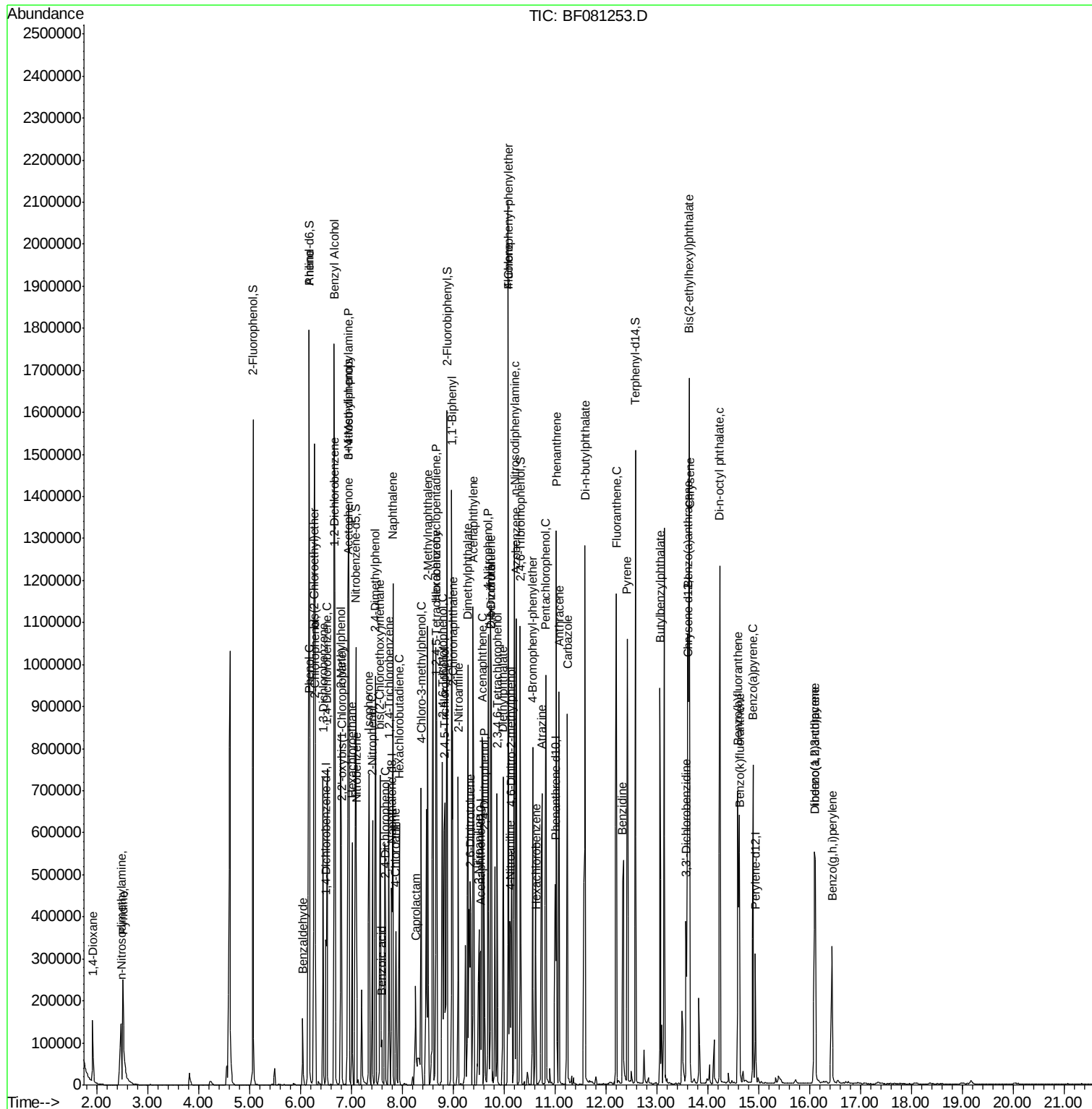
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
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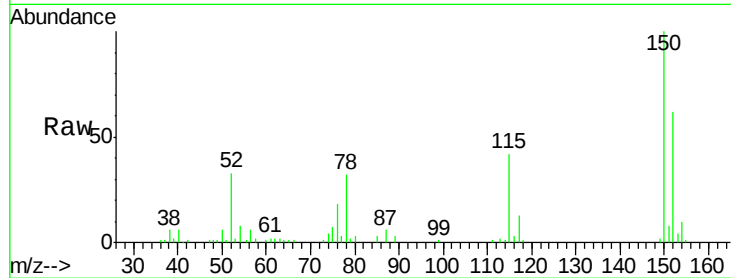




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

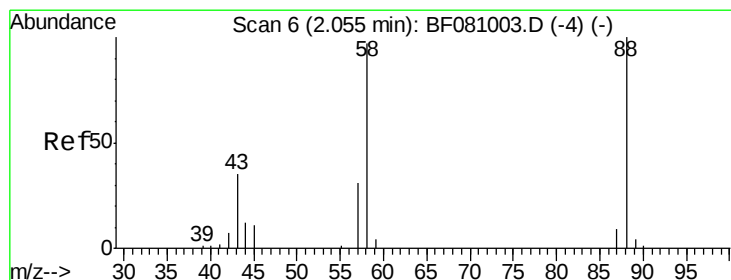
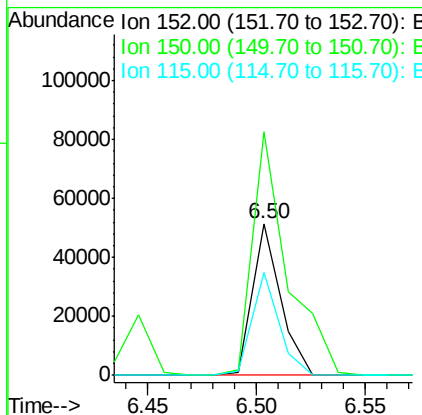
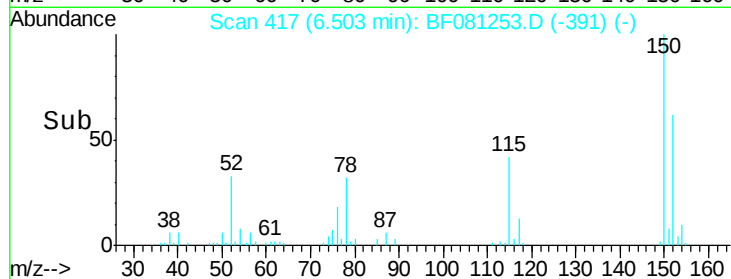
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.8	185.6
115	67.7	52.1	78.1

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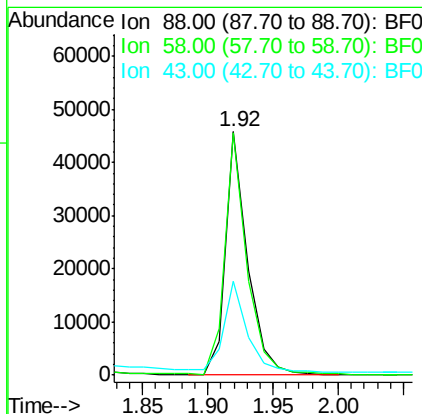
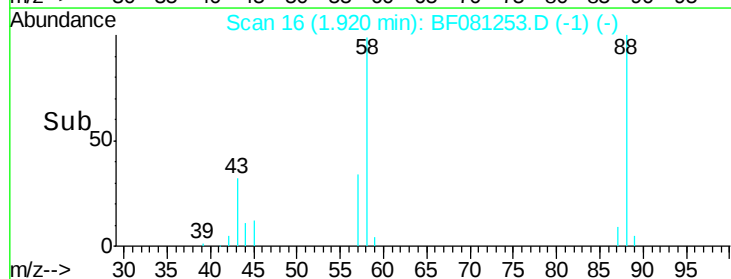
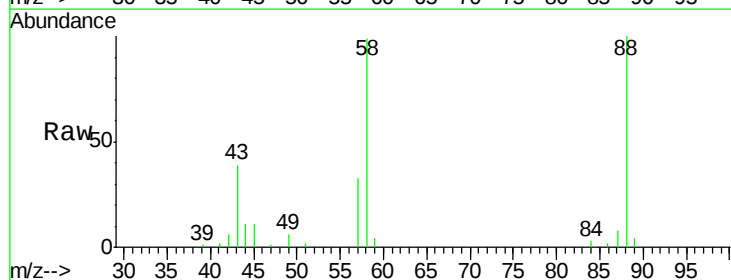
MMDadoda
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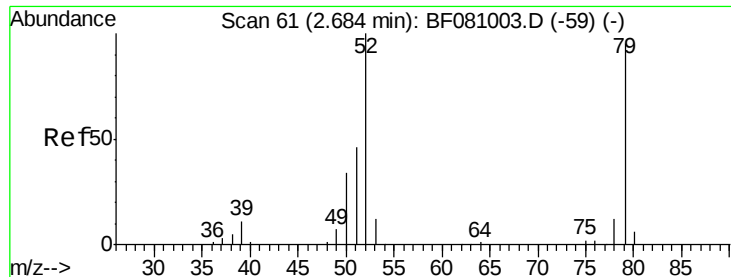


#2

1,4-Dioxane
Concen: 37.36 ng
RT: 1.92 min Scan# 16
Delta R.T. 0.05 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.3	83.7	125.5
43	40.3	37.5	56.3





#3

Pyridine

Concen: 35.73 ng

RT: 2.51 min Scan# 68

Delta R.T. 0.05 min

Lab File: BF081253.D

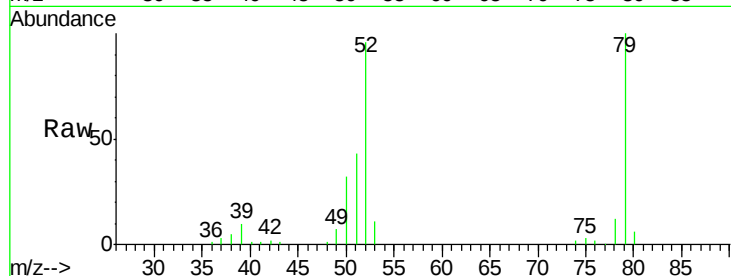
Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

VITALE FILL SOURCE 2AMSD

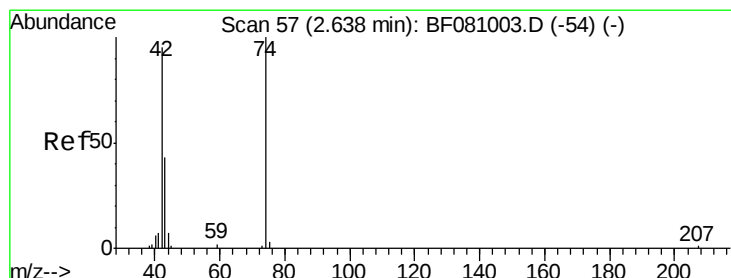
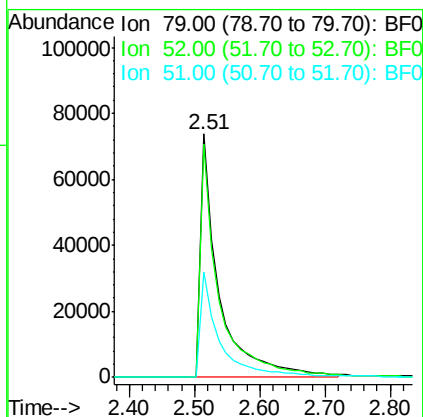
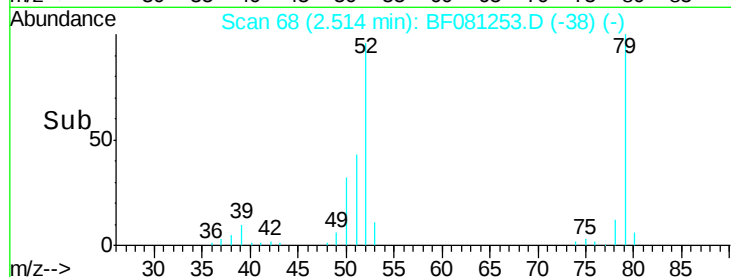


Tgt Ion: 79 Resp: 146327

Ion	Ratio	Lower	Upper
79	100		
52	96.1	95.1	142.7
51	43.4	46.6	70.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

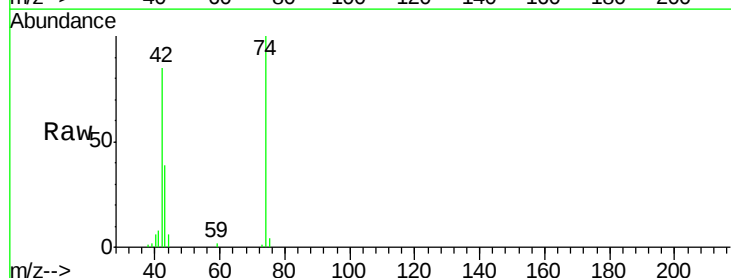
Concen: 43.84 ng

RT: 2.48 min Scan# 65

Delta R.T. 0.05 min

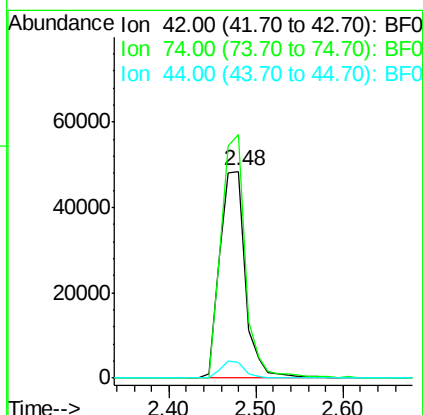
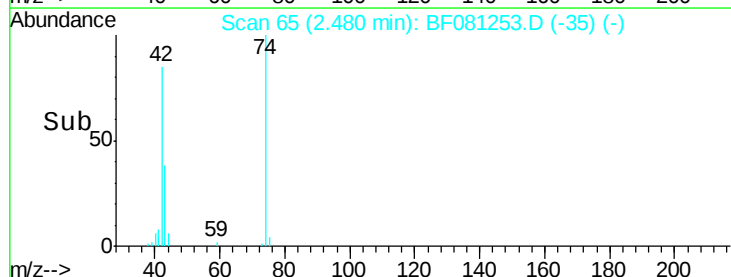
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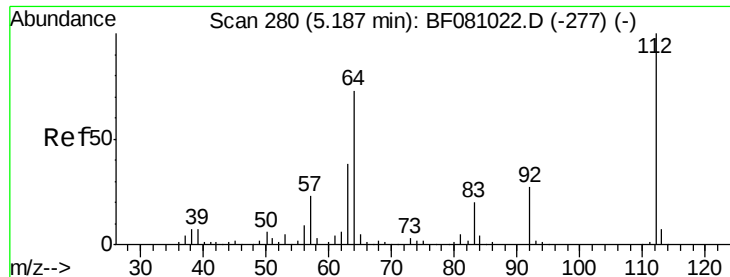
Acq: 27 Aug 2015 18:36



Tgt Ion: 42 Resp: 99986

Ion	Ratio	Lower	Upper
42	100		
74	117.6	69.3	103.9#
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 137.98 ng

RT: 5.07 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF081253.D

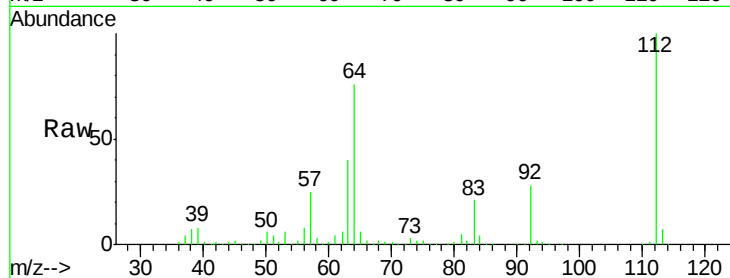
Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

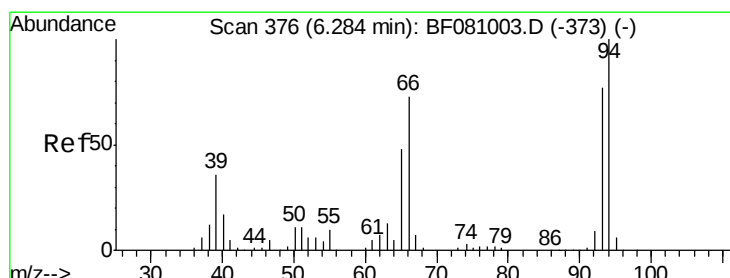
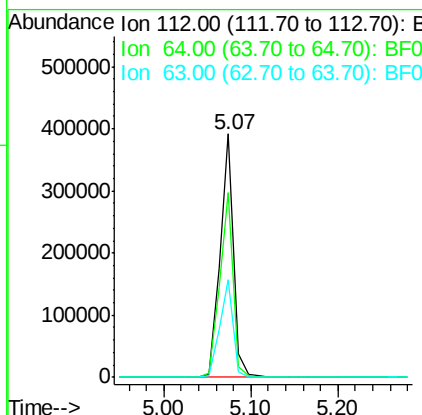
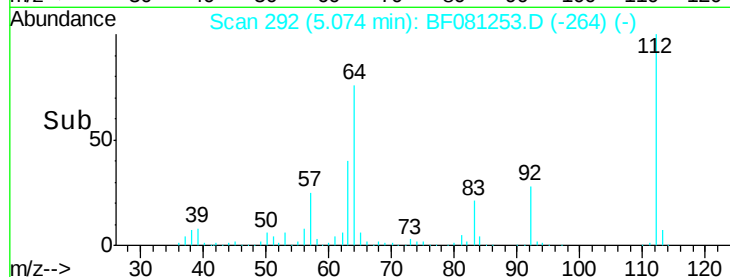
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Tgt Ion:	112	Resp:	424913
Ion Ratio	Lower	Upper	
112	100		
64	76.0	66.9	100.3
63	40.3	38.1	57.1

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#6

Aniline

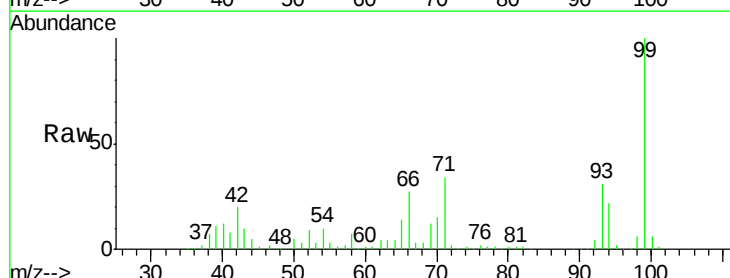
Concen: 30.90 ng m

RT: 6.17 min Scan# 388

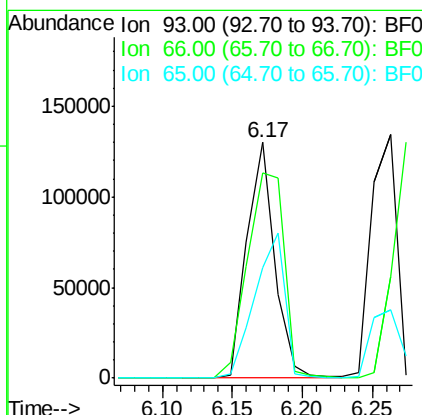
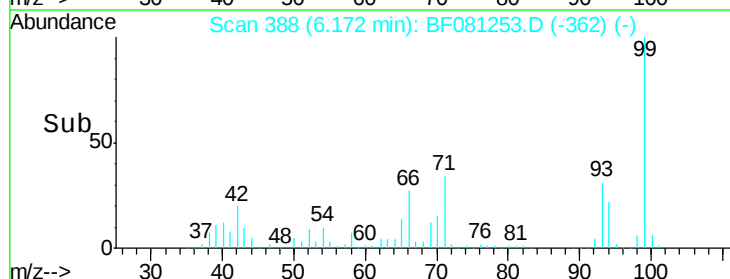
Delta R.T. -0.00 min

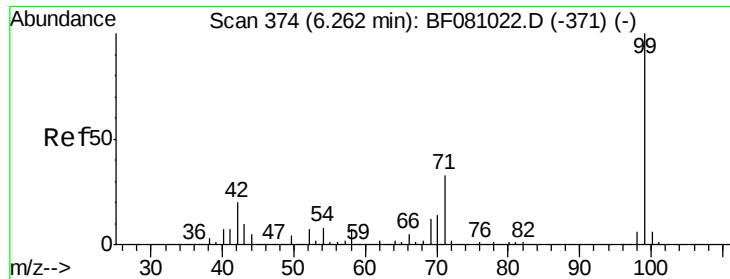
Lab File: BF081253.D

Acq: 27 Aug 2015 18:36



Tgt Ion:	93	Resp:	180520
Ion Ratio	Lower	Upper	
93	100		
66	87.1	35.6	53.4#
65	46.7	18.7	28.1#





#7

Phenol-d6

Concen: 159.08 ng

RT: 6.17 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

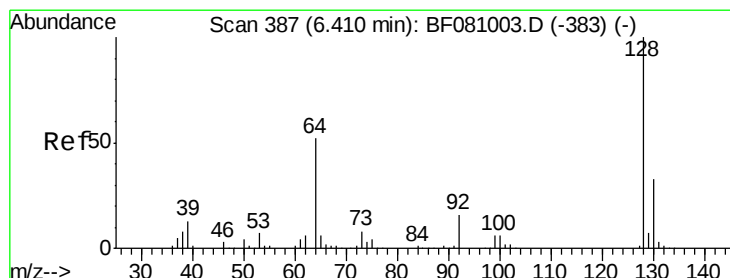
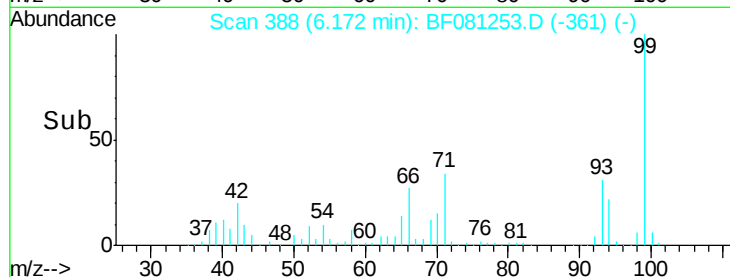
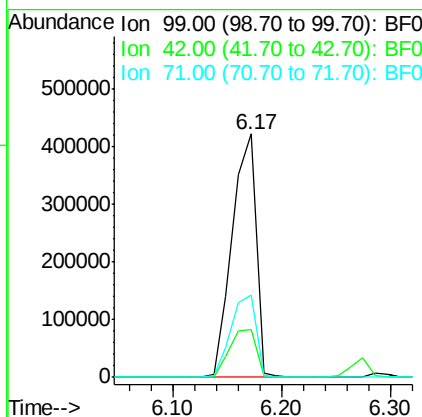
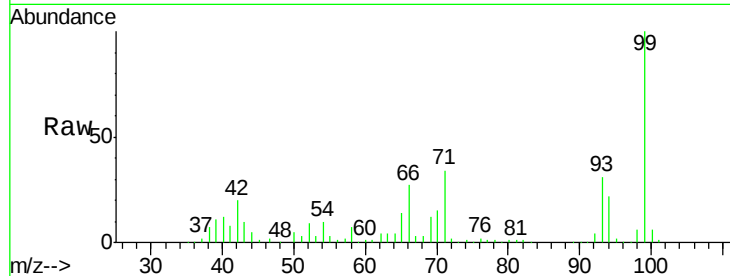
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Tgt Ion:	99	Resp:	639194
Ion Ratio	Lower	Upper	
99	100		
42	19.6	19.6	29.4#
71	33.7	31.2	46.8

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#8

2-Chlorophenol

Concen: 47.11 ng

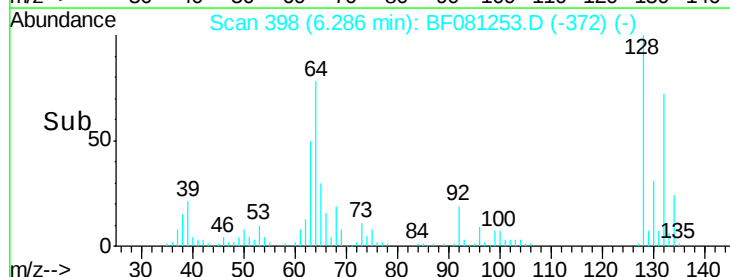
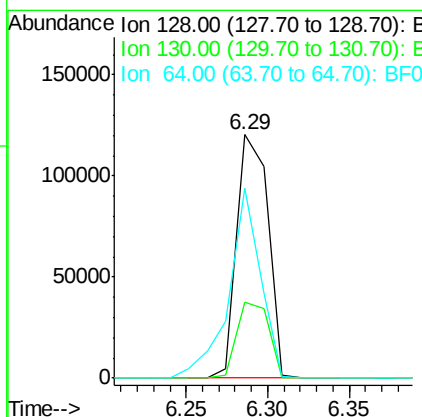
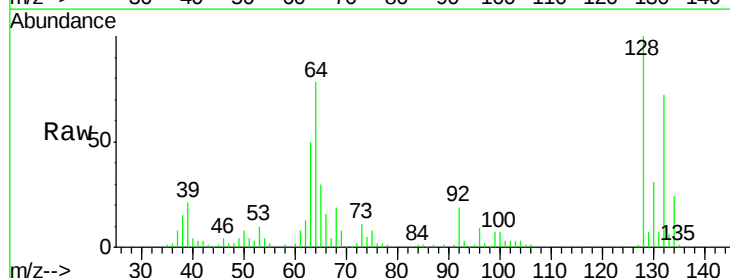
RT: 6.29 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	128	Resp:	158813
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.5	52.5
64	77.9	46.8	86.8





#9

Benzaldehyde

Concen: 13.24 ng

RT: 6.05 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081253.D

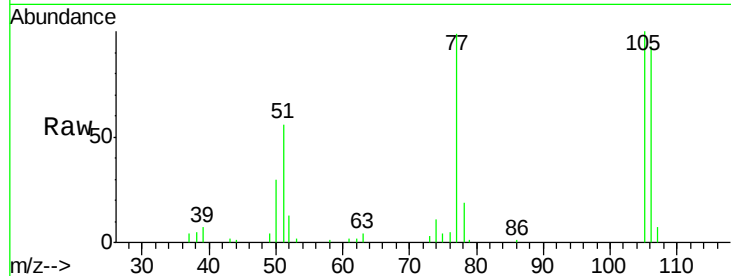
Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

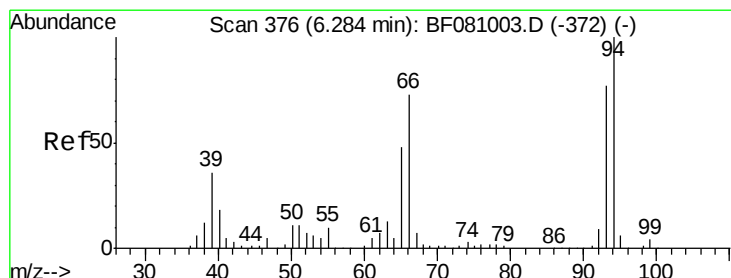
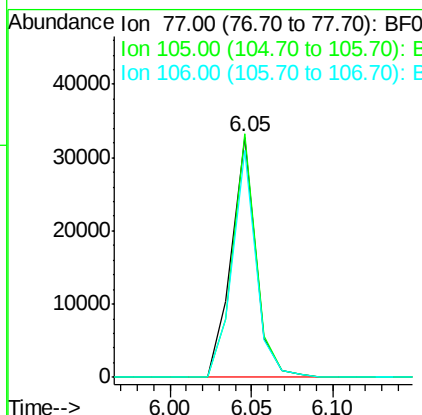
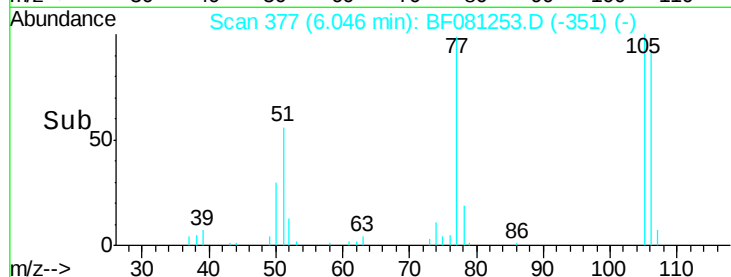
VITALE FILL SOURCE 2AMSD



Tgt Ion:	77	Resp:	34297
Ion	Ratio	Lower	Upper
77	100		
105	101.3	69.6	109.6
106	94.2	64.0	104.0

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#10

Phenol

Concen: 54.43 ng

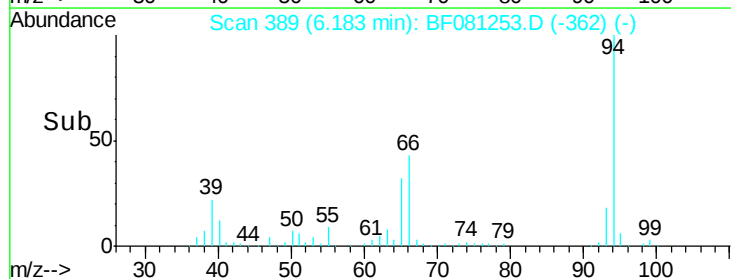
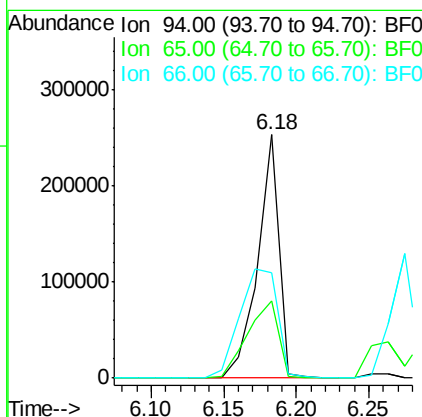
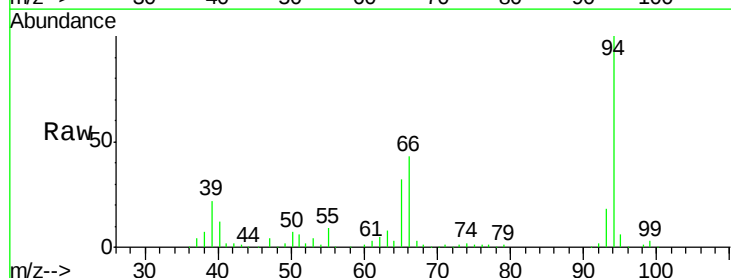
RT: 6.18 min Scan# 389

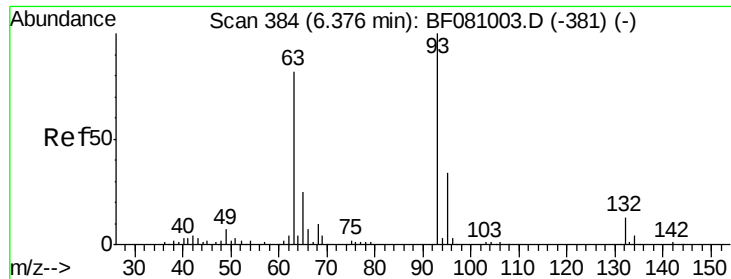
Delta R.T. 0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	94	Resp:	258288
Ion	Ratio	Lower	Upper
94	100		
65	31.6	28.4	68.4
66	43.5	52.3	92.3#





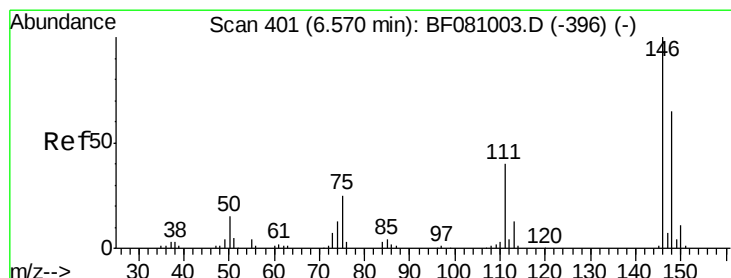
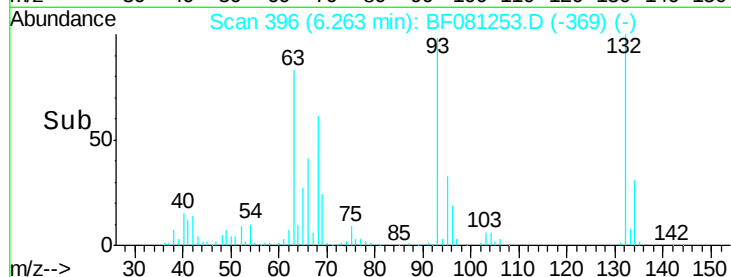
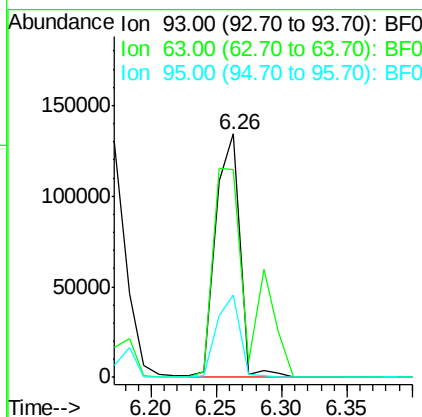
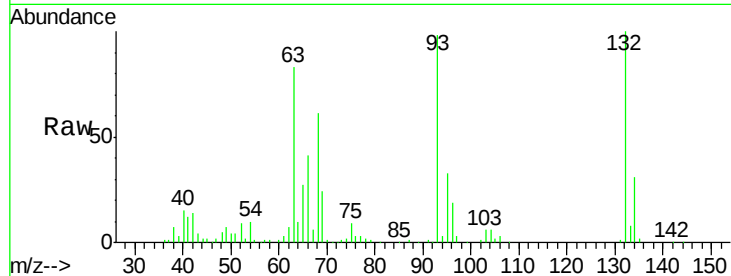
#11
bis(2-Chloroethyl)ether
Concen: 47.91 ng
RT: 6.26 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	174461		
63	85.4	69.6	109.6	
95	33.7	12.3	52.3	

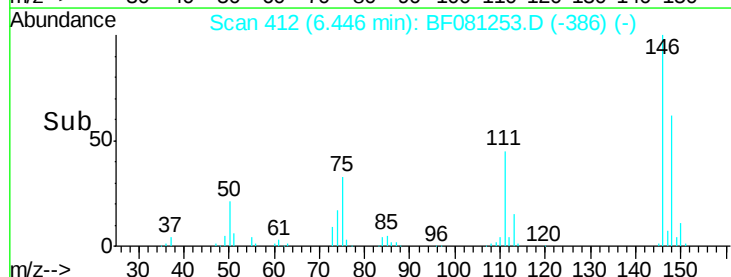
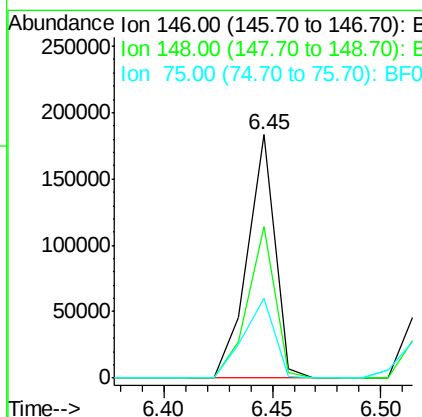
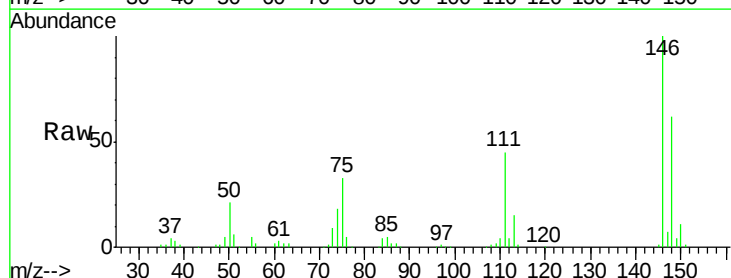
Manual Integrations
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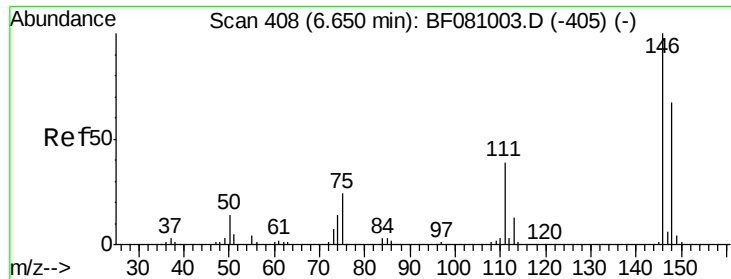
MMDadoda
8/28/2015 2:22:56 PM



#12
1,3-Dichlorobenzene
Concen: 44.71 ng
RT: 6.45 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161916		
148	62.4	53.3	79.9	
75	32.6	25.0	37.6	





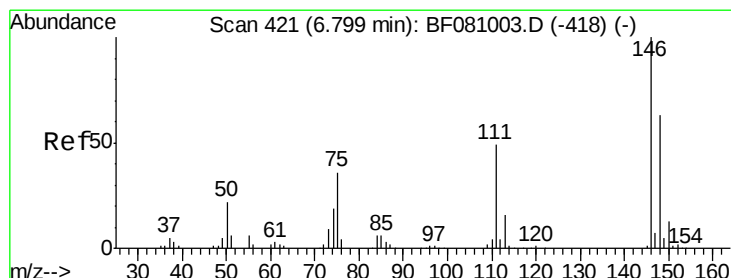
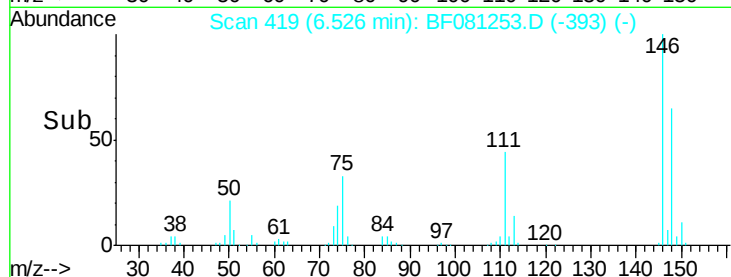
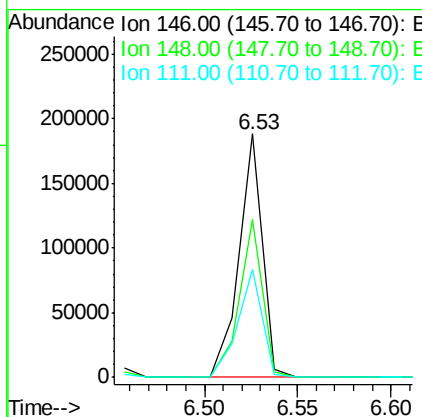
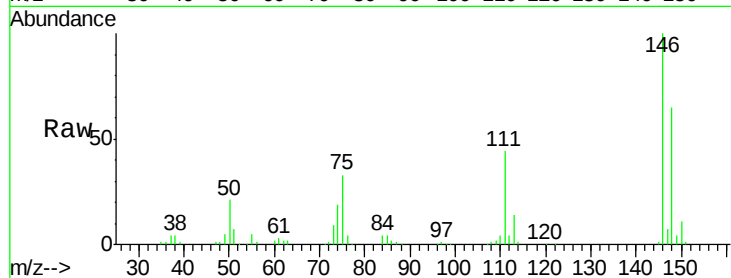
#13
 1,4-Dichlorobenzene
 Concen: 46.13 ng
 RT: 6.53 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	44.2	34.4	51.6

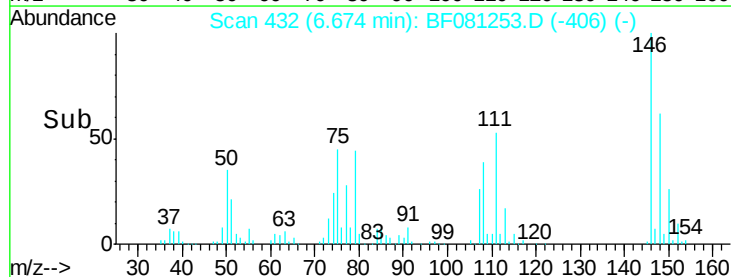
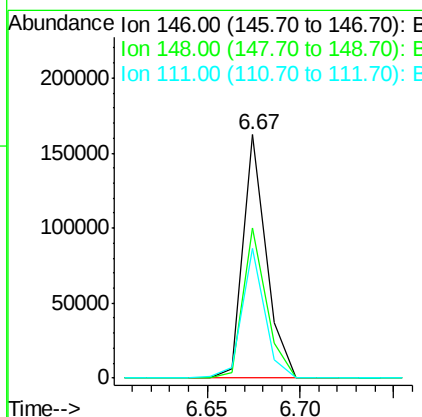
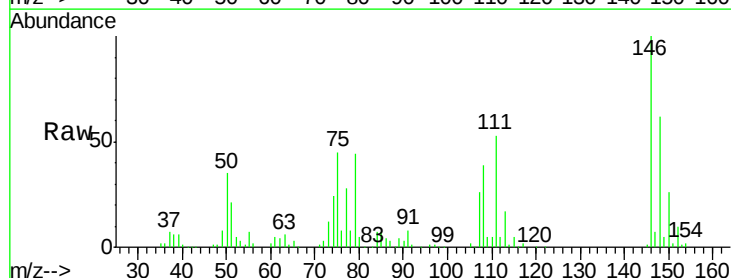
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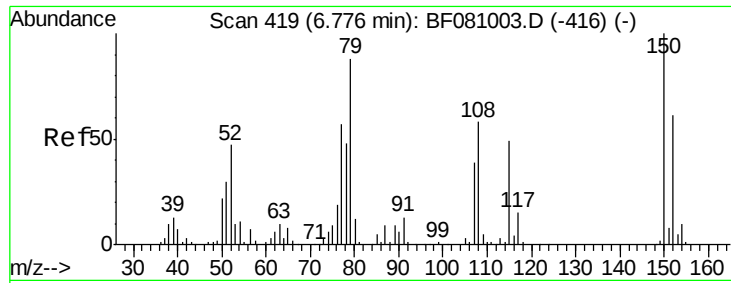
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#14
 1,2-Dichlorobenzene
 Concen: 42.03 ng
 RT: 6.67 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	48.7	73.1
111	53.3	42.3	63.5





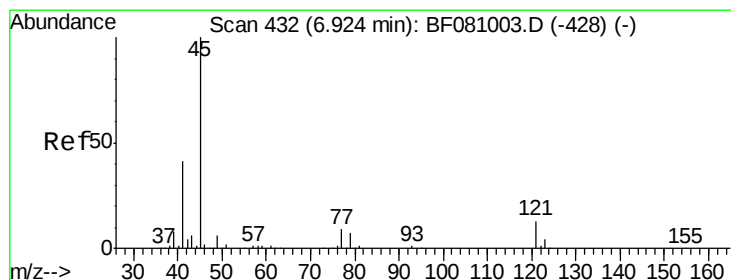
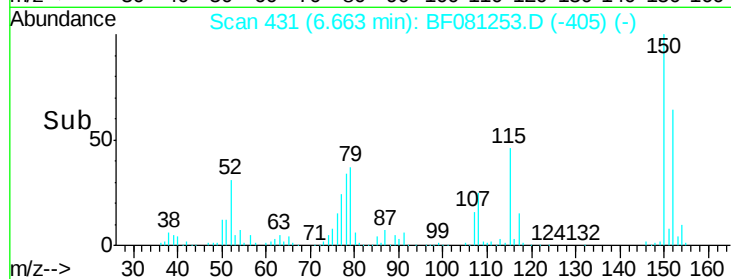
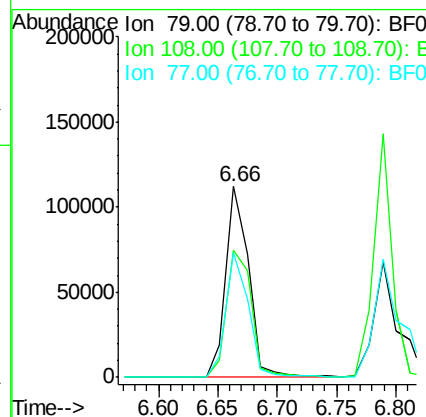
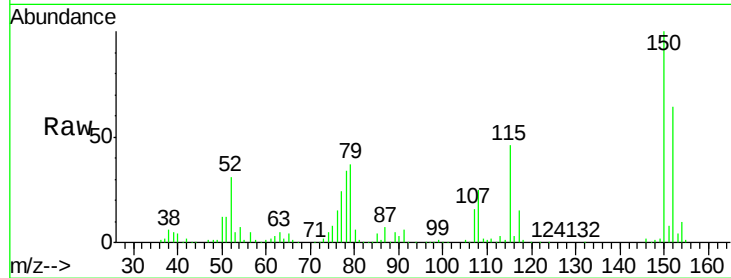
#15
Benzyl Alcohol
Concen: 46.10 ng
RT: 6.66 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.7	49.4	74.2
77	65.0	51.4	77.0

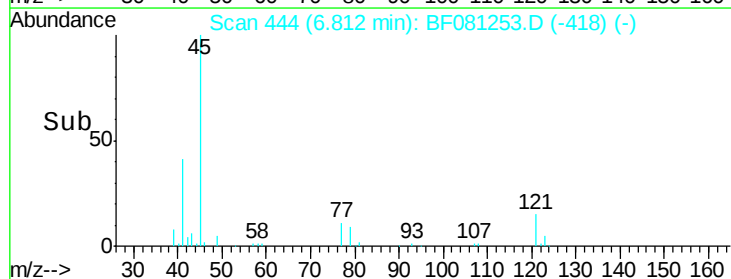
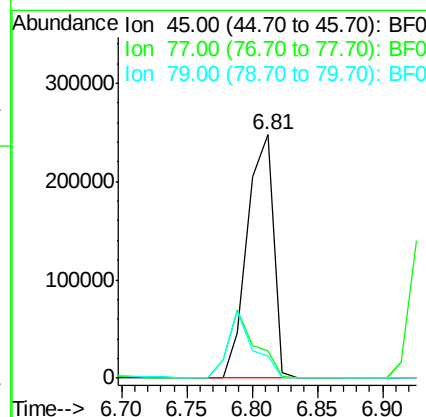
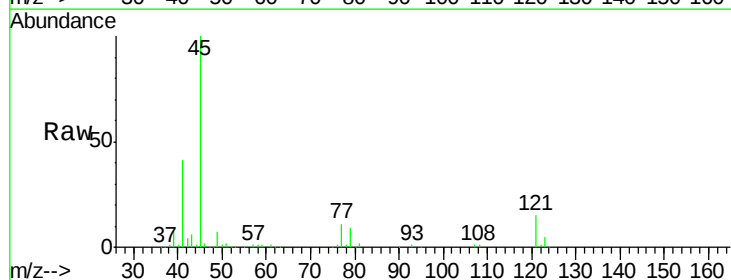
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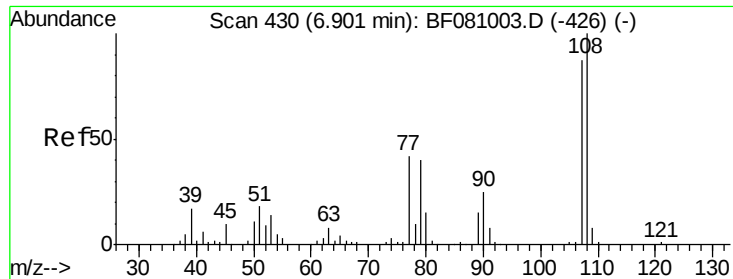
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.43 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.2
79	9.0	0.0	28.0





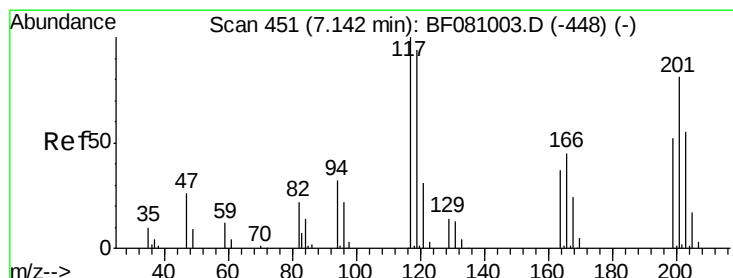
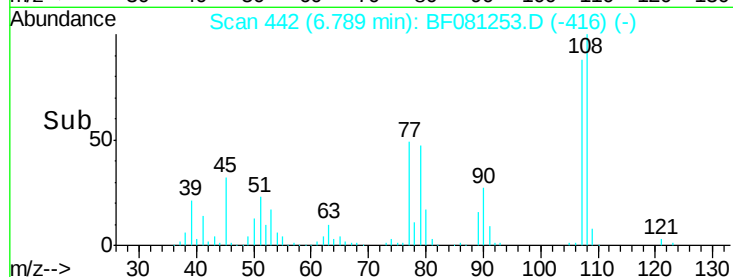
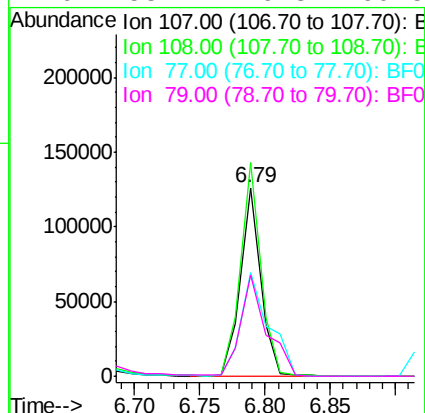
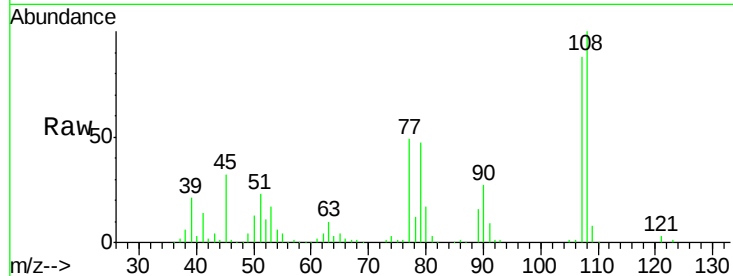
#17
2-Methylphenol
Concen: 47.39 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	137056		
108	113.3	90.4	135.6	
77	55.1	46.5	69.7	
79	53.7	46.3	69.5	

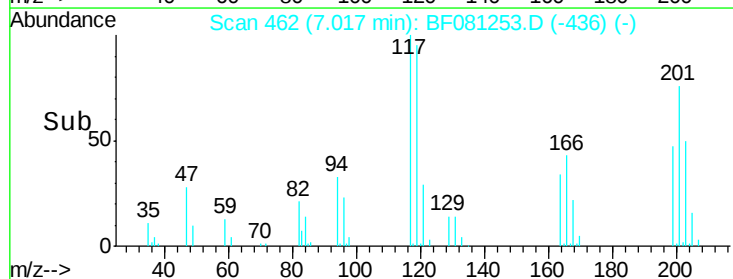
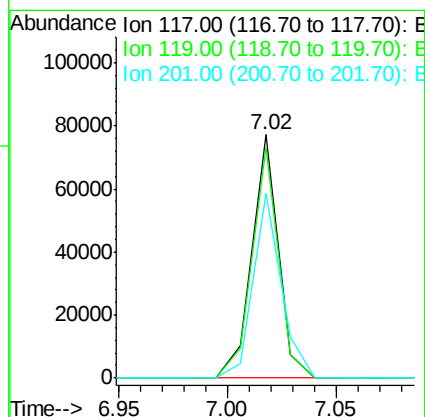
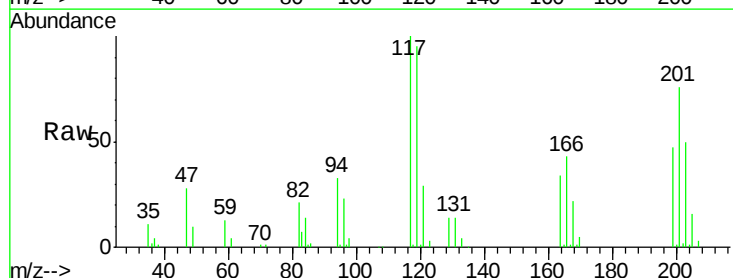
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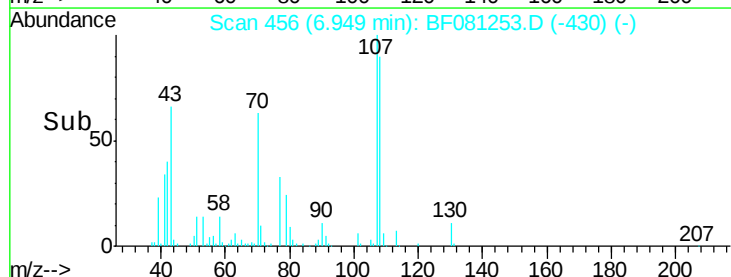
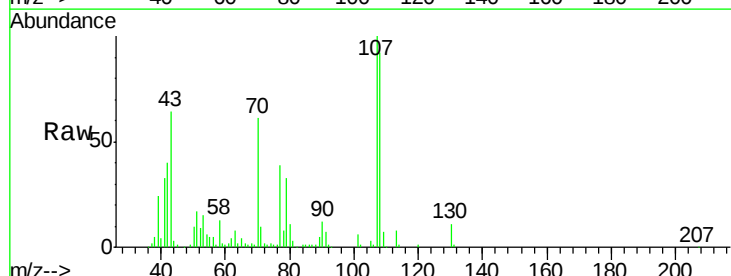
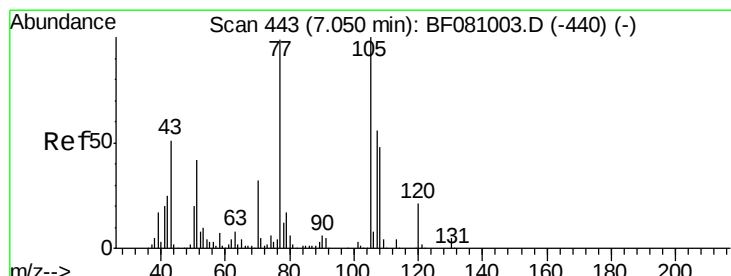
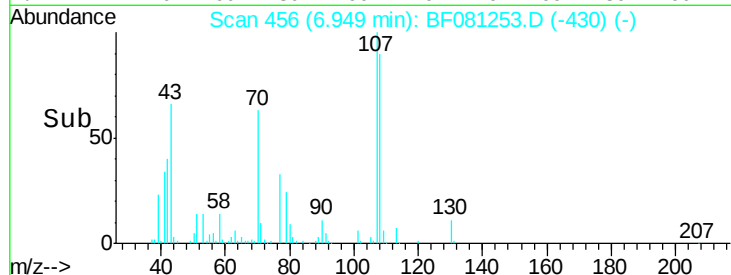
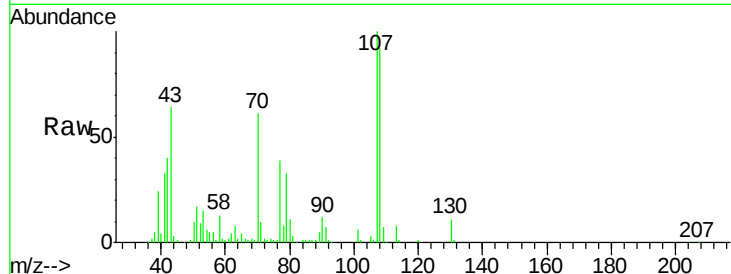
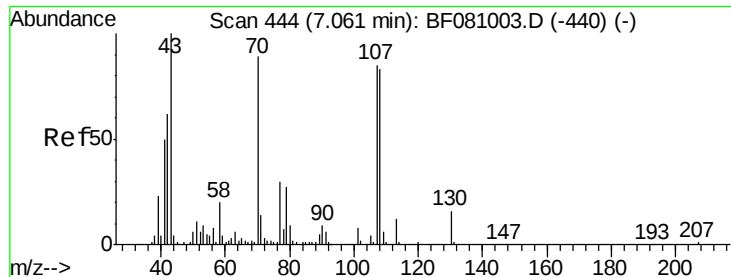
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#18
Hexachloroethane
Concen: 45.02 ng
RT: 7.02 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

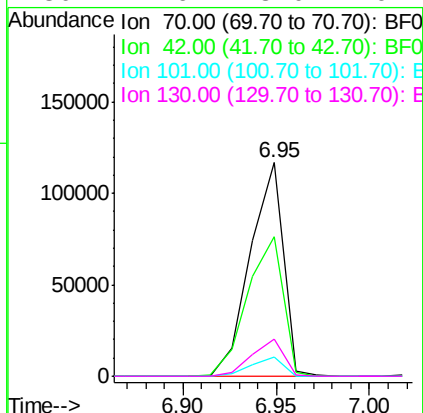
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65232		
119	94.6	77.9	116.9	
201	75.8	61.3	91.9	





#19
n-Nitroso-di-n-propylamine
Concen: 51.60 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.5	65.0	97.4
101	9.2	7.4	11.2
130	17.6	13.0	19.4



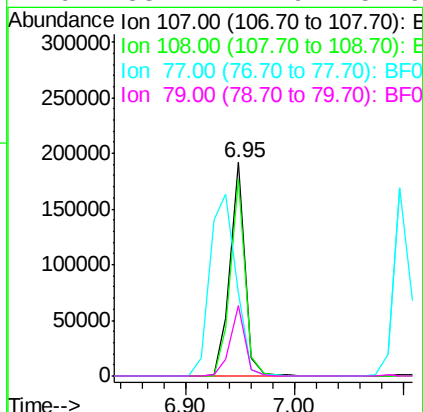
Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

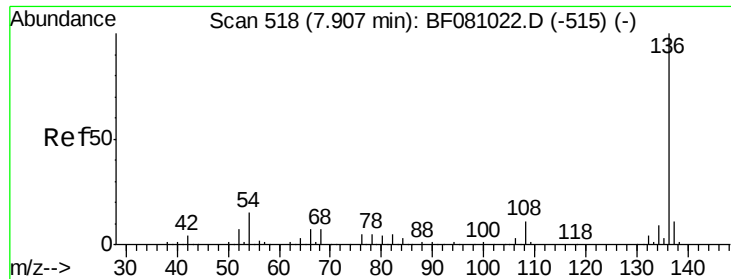
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#20
3+4-Methylphenols
Concen: 49.58 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	66.1	106.1
77	38.7	139.3	179.3#
79	33.1	11.9	51.9





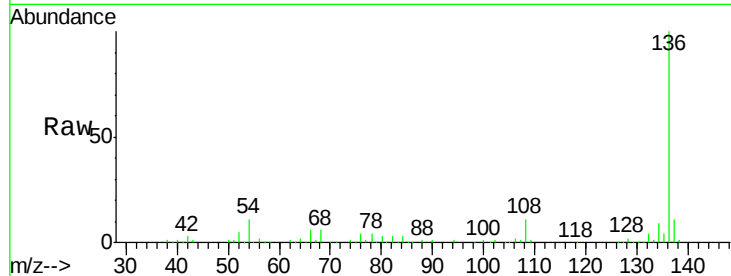
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

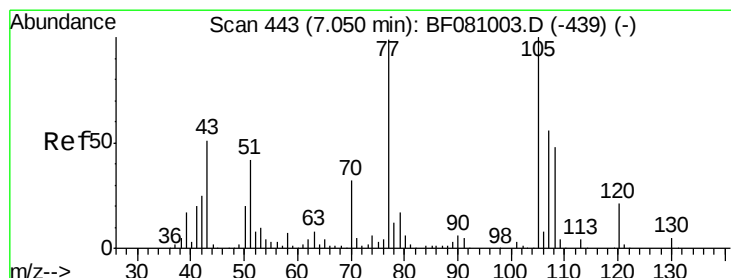
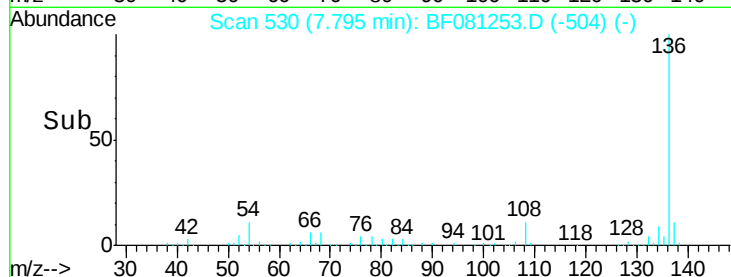
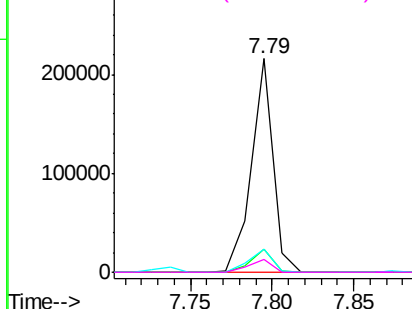
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	198307		
137	10.8	8.2	12.2	
54	11.0	7.7	11.5	
68	5.9	3.4	5.2#	

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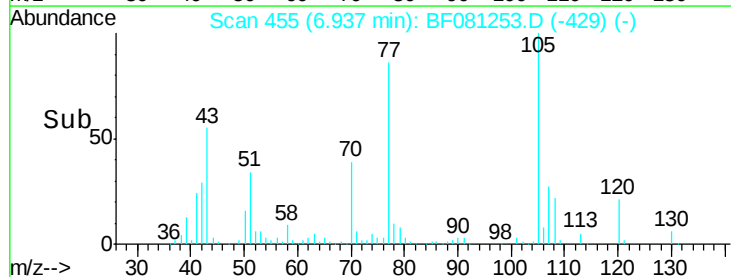
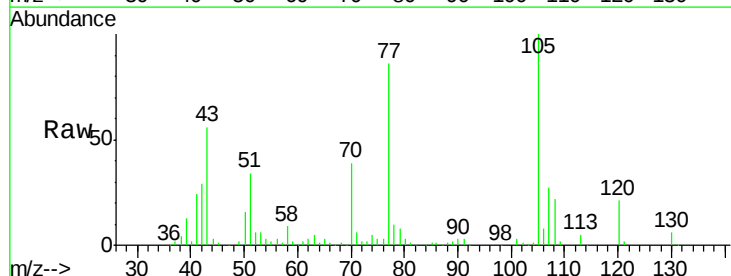
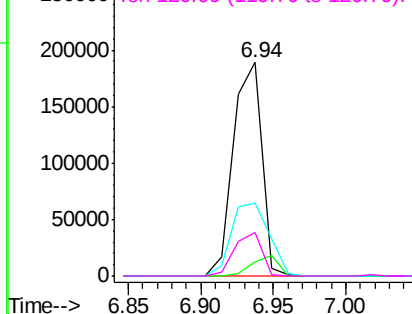
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 49.51 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257781		
71	6.4	3.0	4.6#	
51	34.4	39.8	59.8#	
120	20.6	15.8	23.8	

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





#23

Nitrobenzene-d5

Concen: 92.25 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

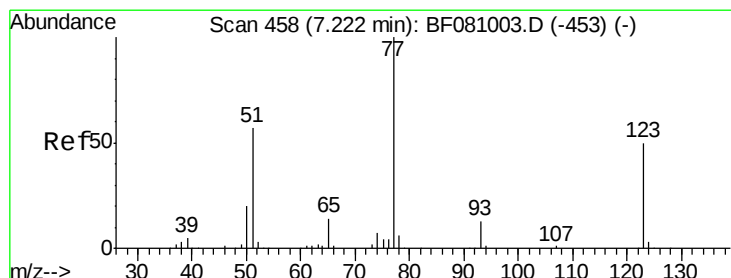
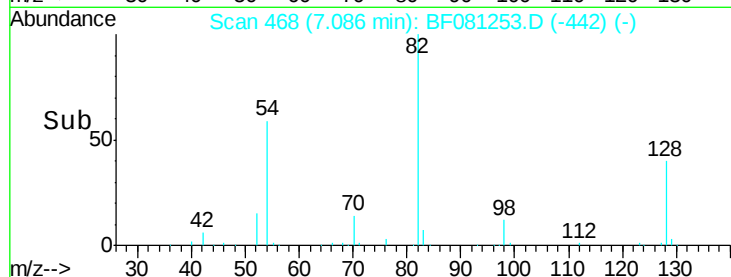
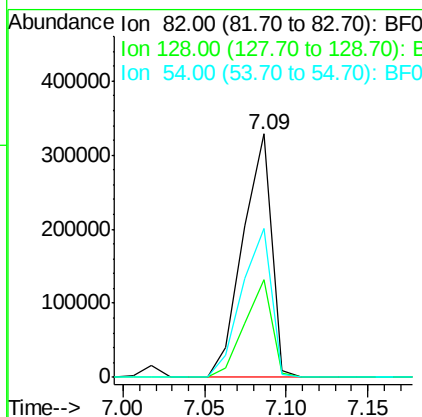
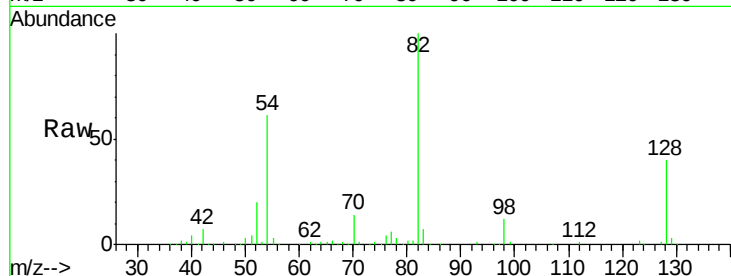
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion:	82	Resp:	400462
Ion Ratio	Lower	Upper	
82	100		
128	40.0	28.6	42.8
54	61.1	55.1	82.7

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#24

Nitrobenzene

Concen: 39.11 ng

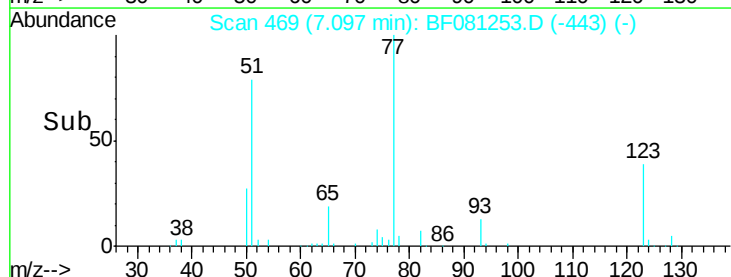
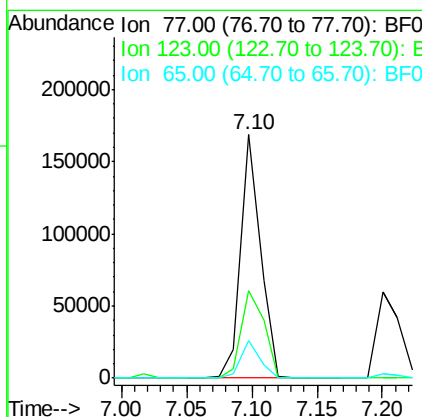
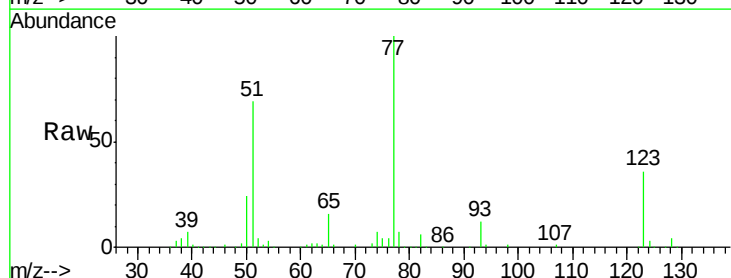
RT: 7.10 min Scan# 469

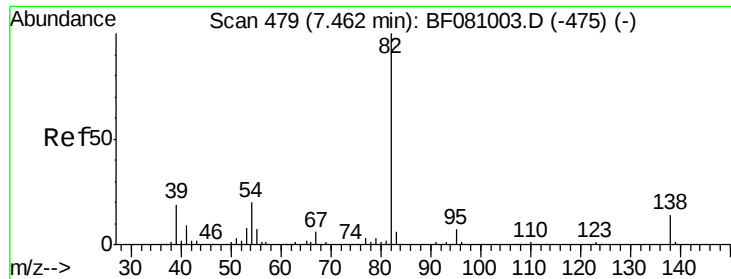
Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	77	Resp:	177512
Ion Ratio	Lower	Upper	
77	100		
123	35.9	32.9	49.3
65	15.7	12.5	18.7





#25

Isophorone

Concen: 46.41 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

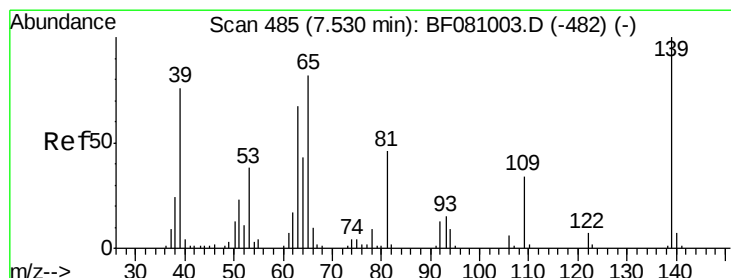
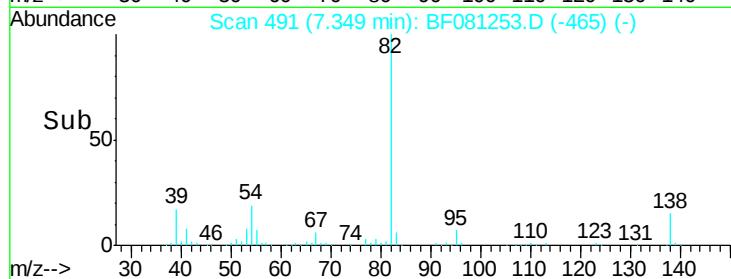
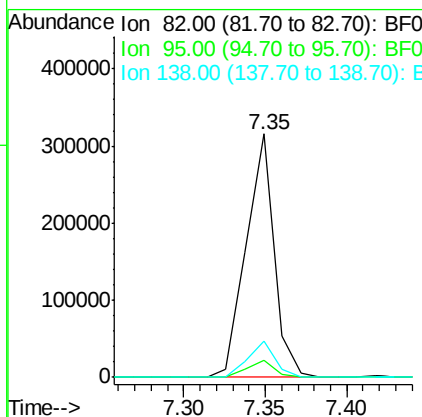
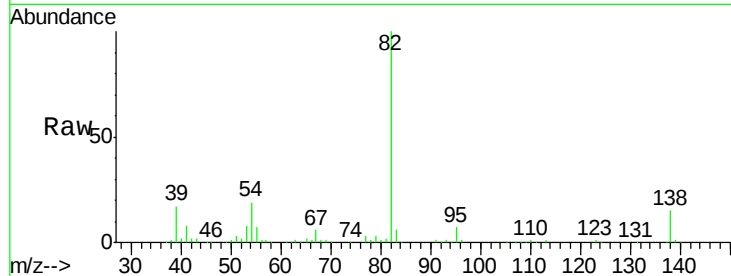
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion:	82	Resp:	375693
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.2	9.2
138	14.7	10.5	15.7

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#26

2-Nitrophenol

Concen: 46.56 ng

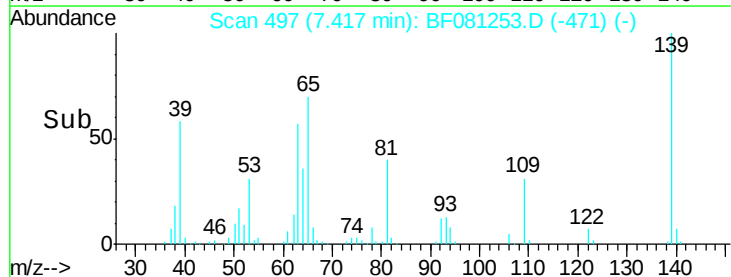
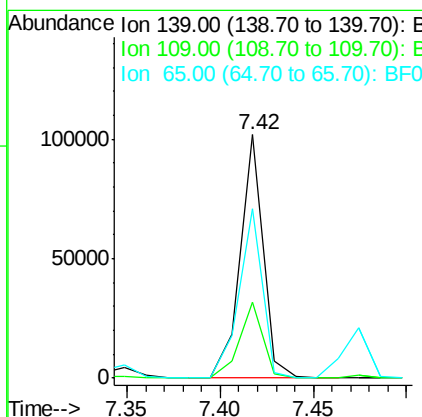
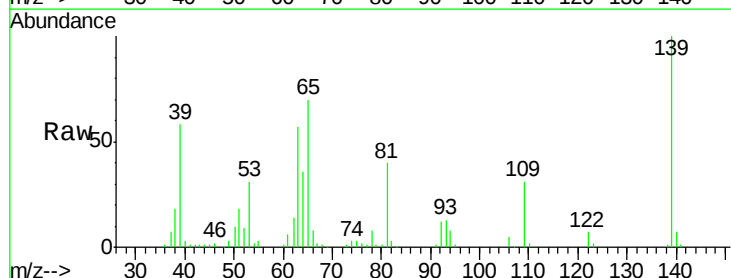
RT: 7.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	139	Resp:	87896
Ion Ratio		Lower	Upper
139	100		
109	31.2	32.1	48.1#
65	69.7	69.9	104.9#





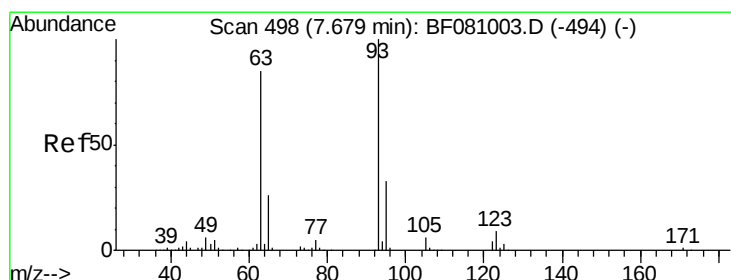
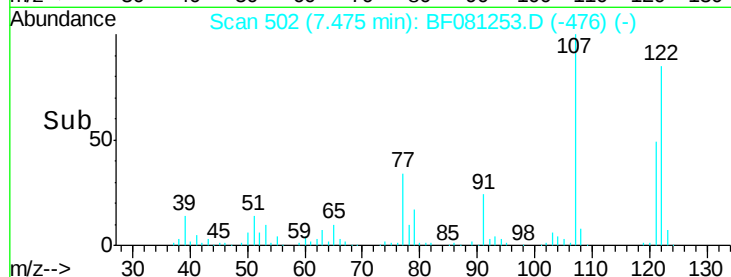
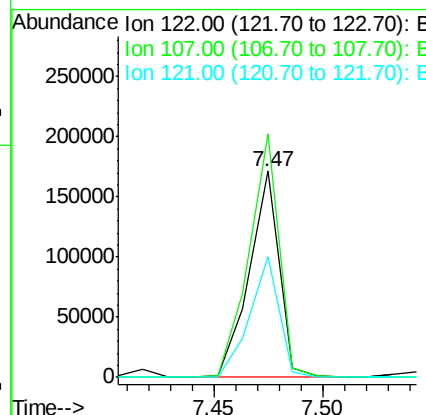
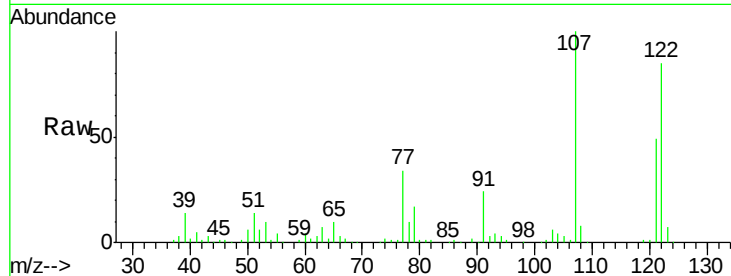
#27
2,4-Dimethylphenol
Concen: 49.06 ng
RT: 7.47 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	163828		
107	118.2	103.8	155.6	
121	58.3	47.0	70.4	

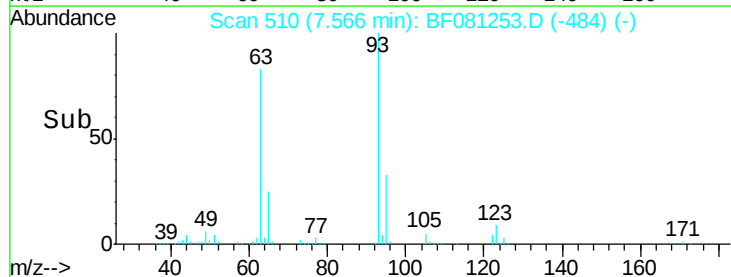
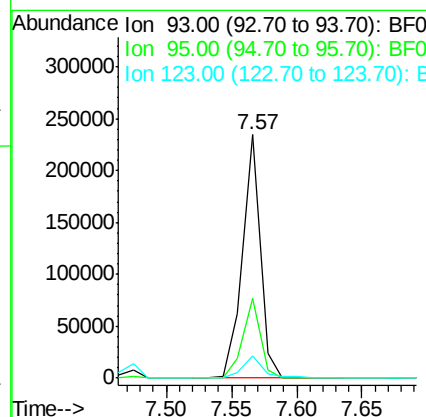
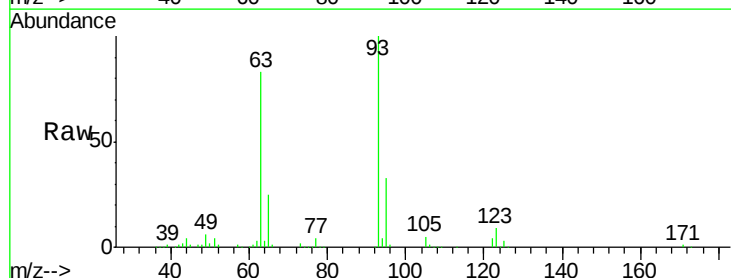
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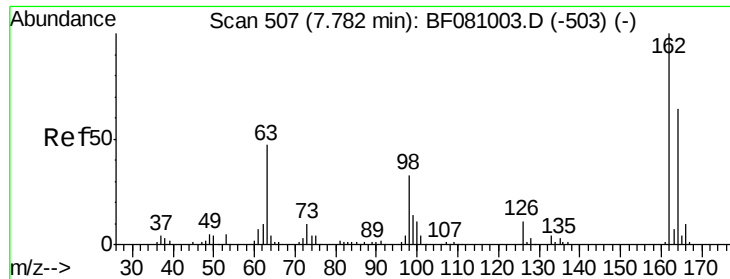
MMDadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 46.31 ng
RT: 7.57 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	221458		
95	32.8	25.8	38.8	
123	9.4	7.4	11.0	





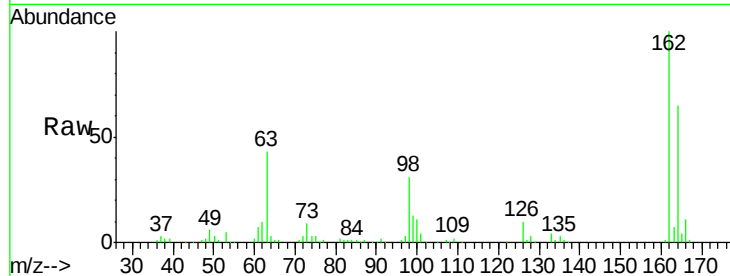
#29
2,4-Dichlorophenol
Concen: 47.43 ng
RT: 7.67 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

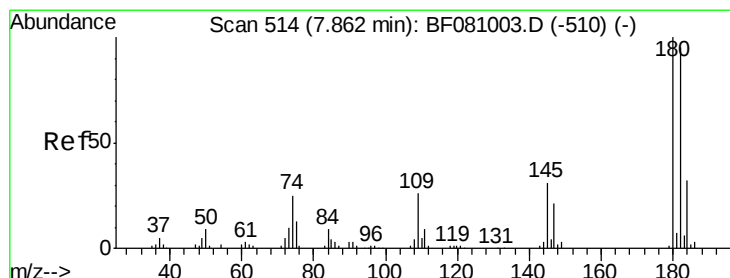
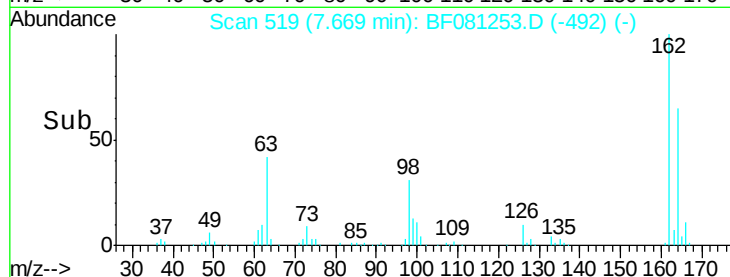
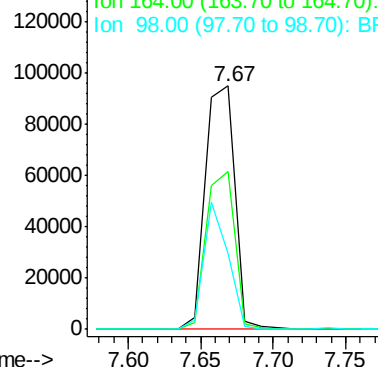
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	43.2	83.2
98	31.3	12.3	52.3

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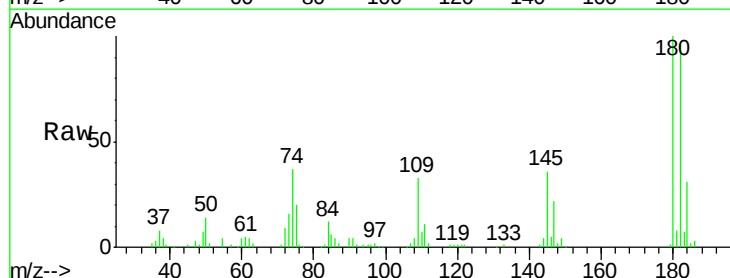


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

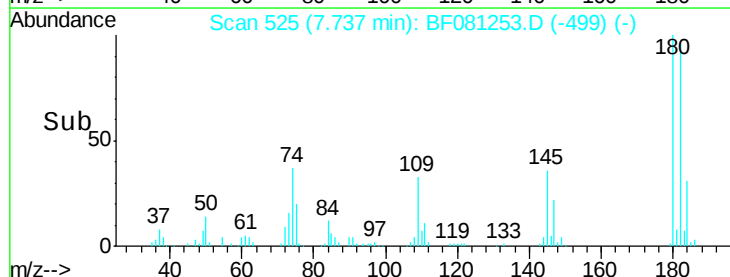
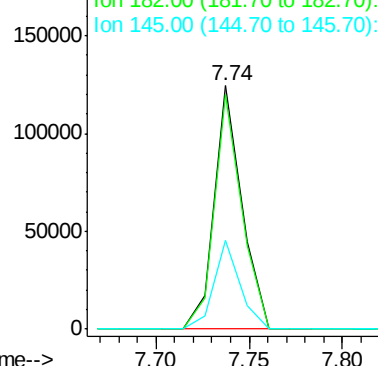


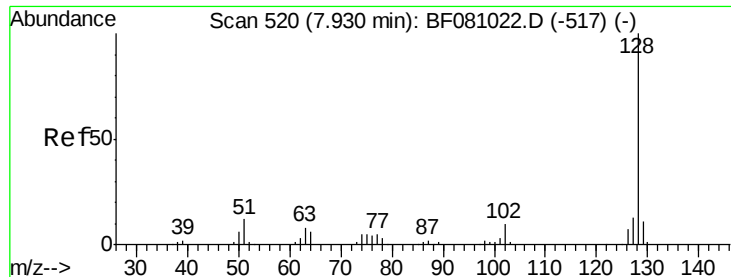
#30
1,2,4-Trichlorobenzene
Concen: 40.97 ng
RT: 7.74 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	76.4	114.6
145	36.4	25.4	38.2



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





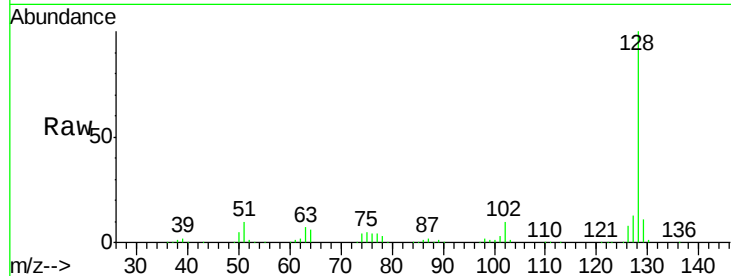
#31
Naphthalene
Concen: 46.20 ng
RT: 7.82 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

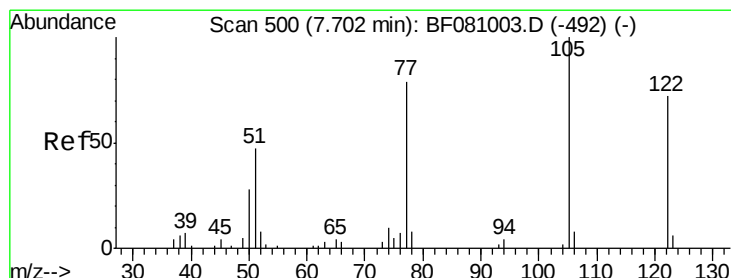
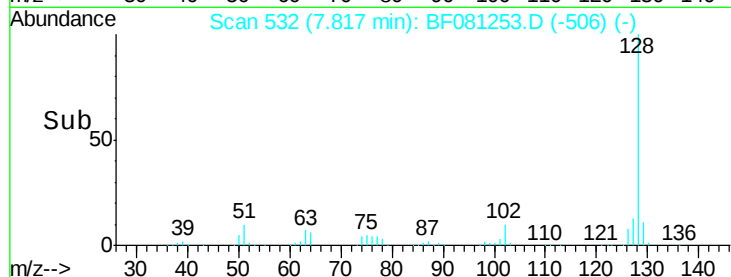
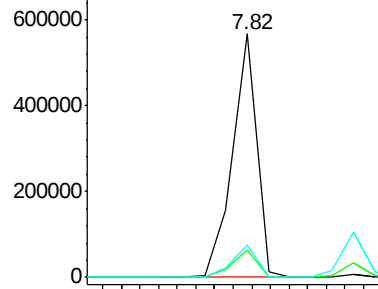
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	510728		
129	11.3	8.4	12.6	
127	13.2	10.6	16.0	

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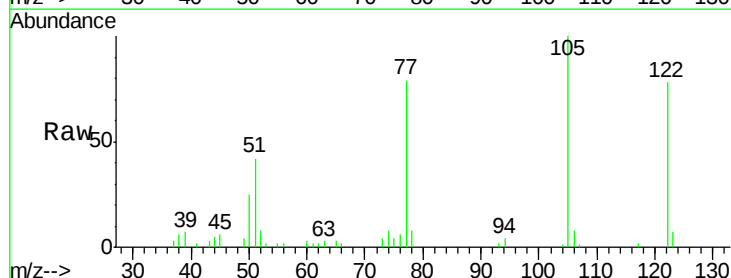


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

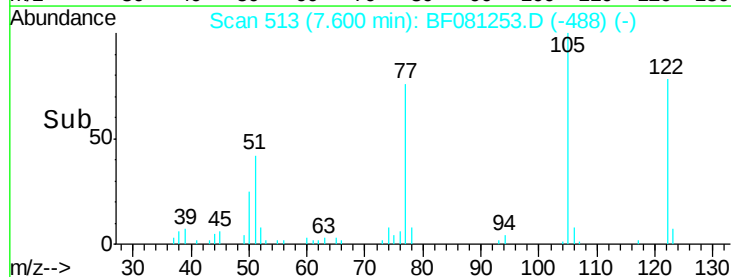
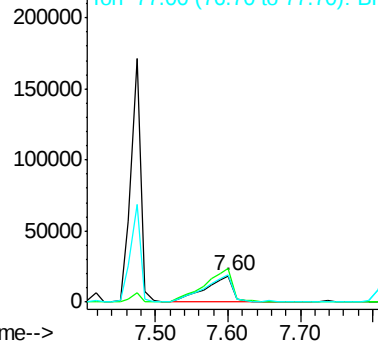


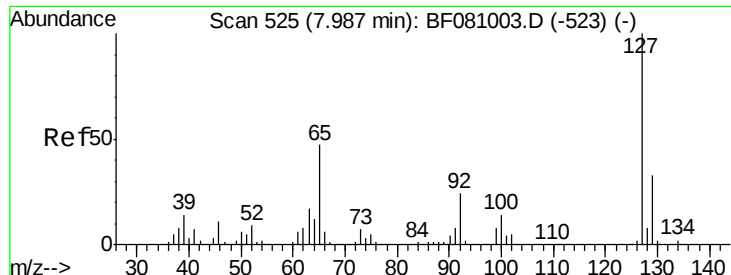
#32
Benzoic acid
Concen: 27.30 ng
RT: 7.60 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	51284		
105	128.8	113.8	153.8	
77	101.5	93.8	133.8	



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





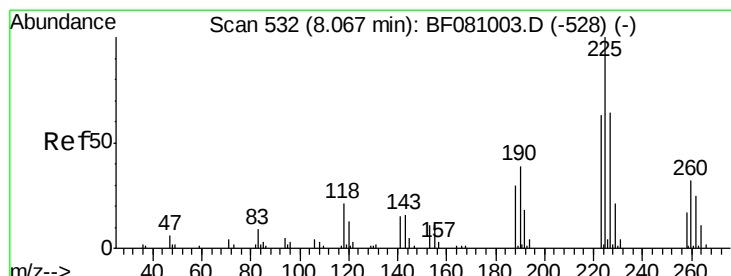
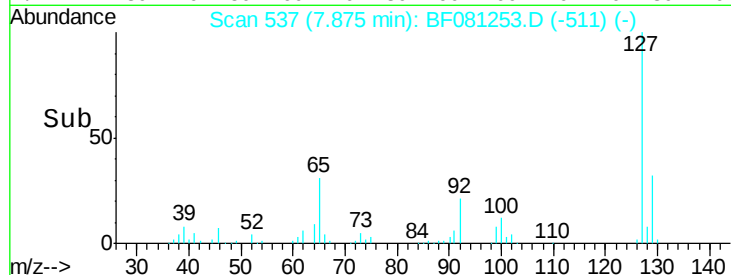
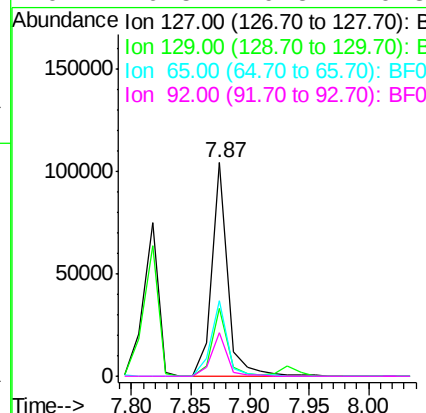
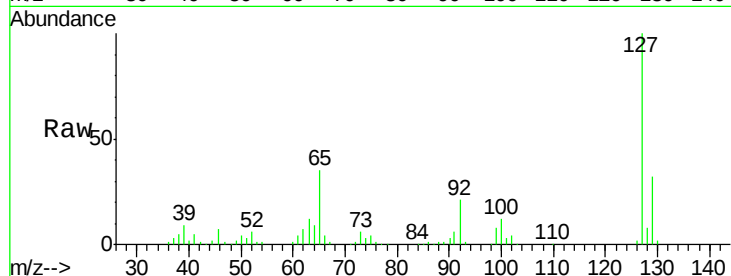
#33
4-Chloroaniline
Concen: 20.83 ng
RT: 7.87 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.2	37.8
65	35.5	37.8	56.6
92	20.5	19.5	29.3

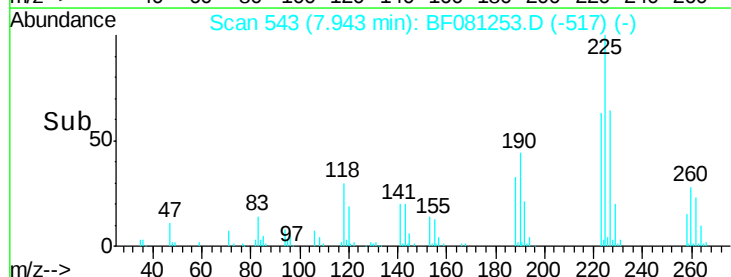
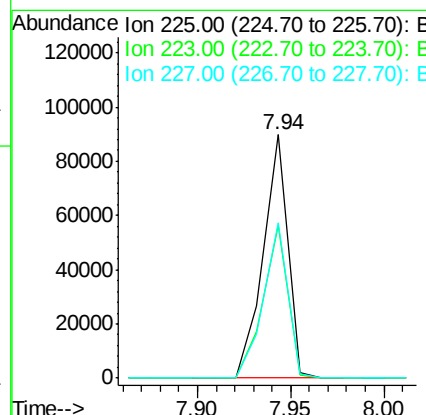
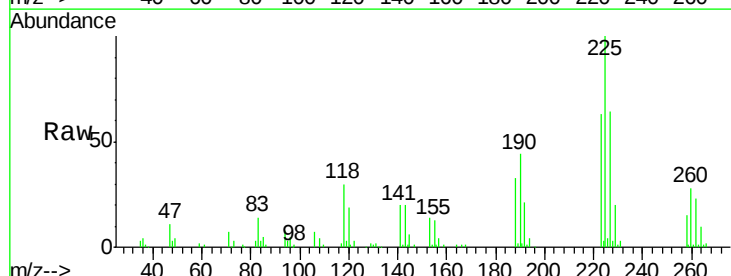
Manual Integrations
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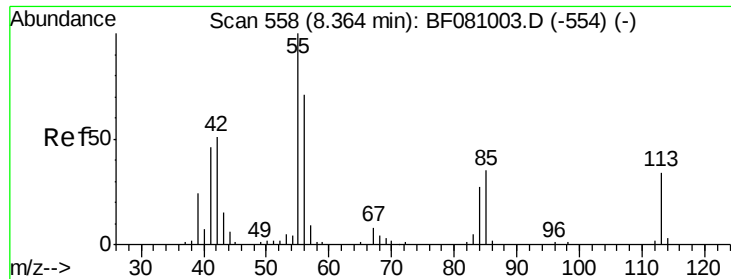
MMDadoda
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#34
Hexachlorobutadiene
Concen: 46.12 ng
RT: 7.94 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.6	79.0
227	63.9	51.1	76.7





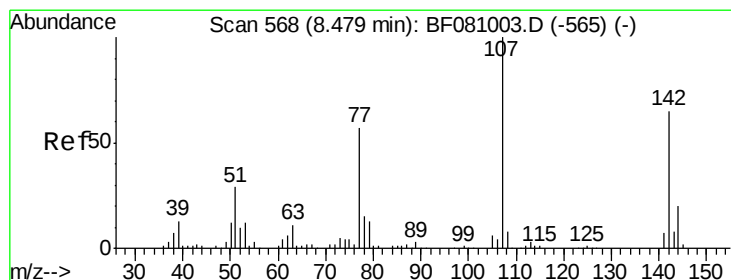
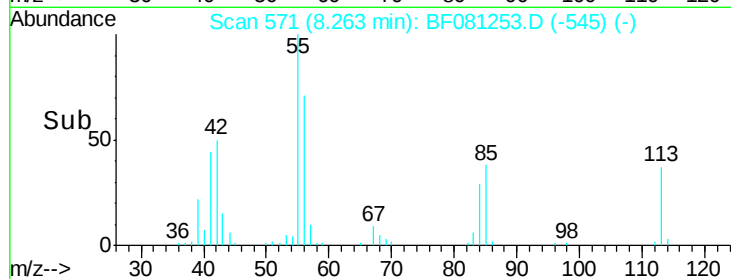
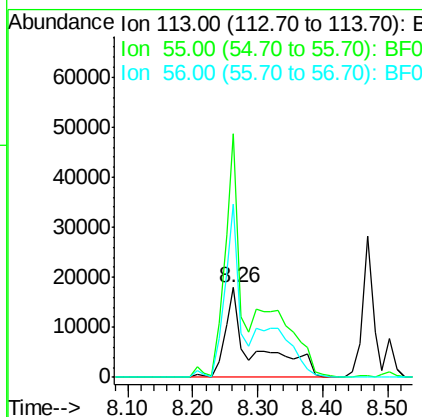
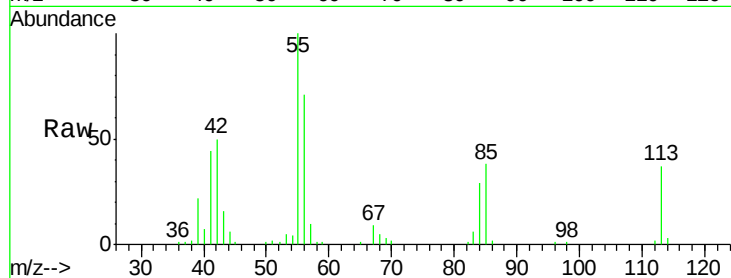
#35
 Caprolactam
 Concen: 55.23 ng m
 RT: 8.26 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion:113 Resp: 54265
 Ion Ratio Lower Upper
 113 100
 55 271.4 280.4 320.4#
 56 193.5 205.9 245.9#

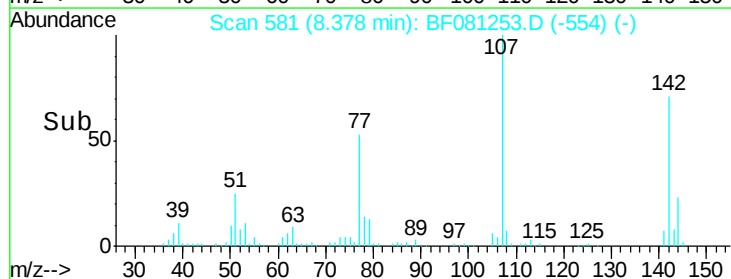
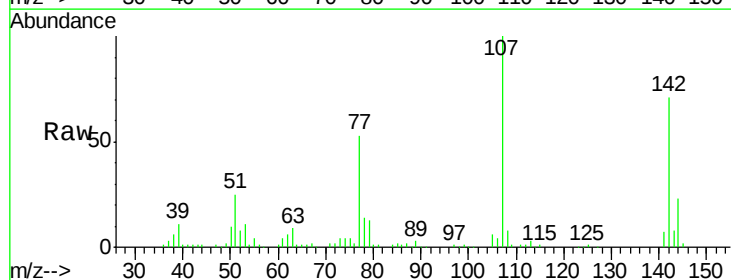
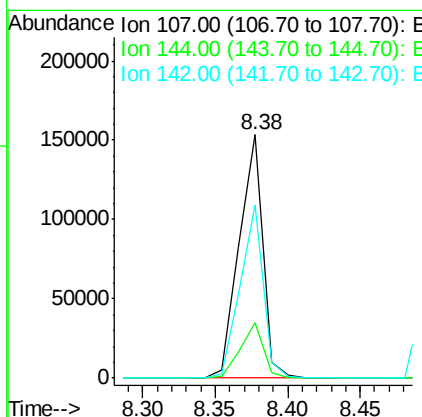
Manual Integrations
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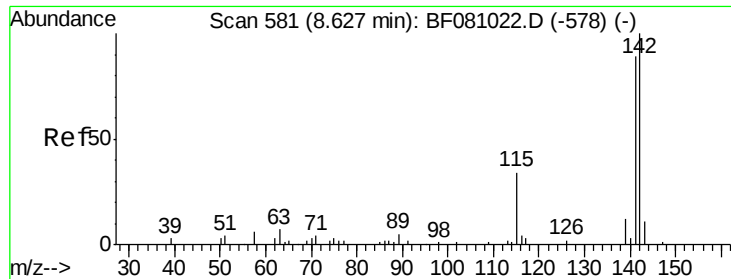
MMDadoda
 8/28/2015 2:22:56 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.89 ng
 RT: 8.38 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion:107 Resp: 173862
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.2 25.8
 142 71.0 54.9 82.3





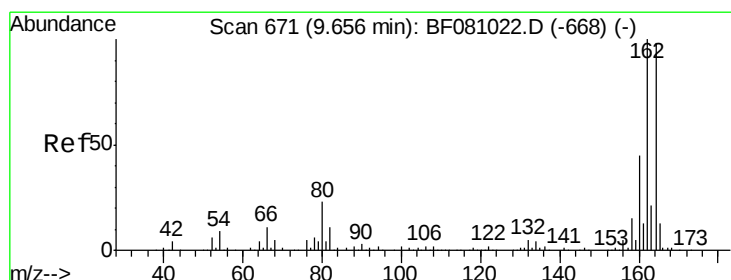
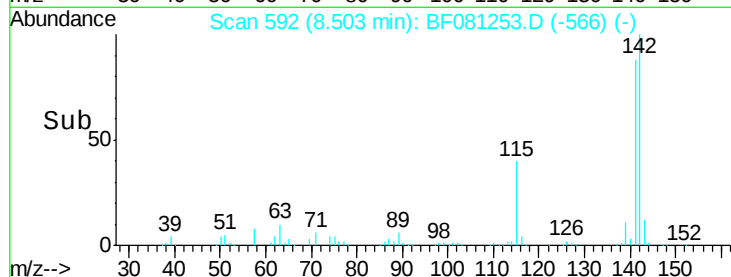
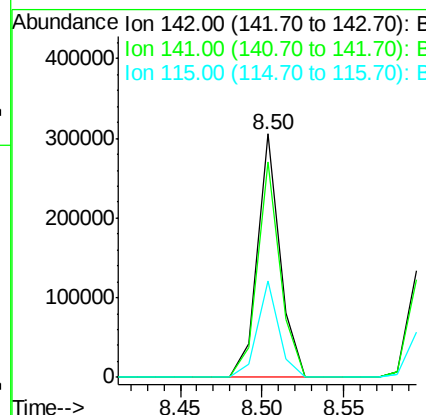
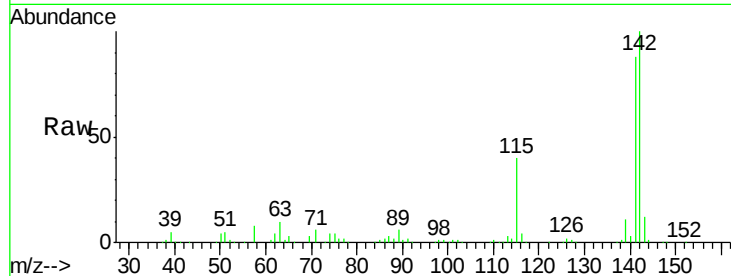
#37
 2-Methylnaphthalene
 Concen: 42.36 ng
 RT: 8.50 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	295801		
141	88.5	71.4	107.2	
115	39.6	33.4	50.0	

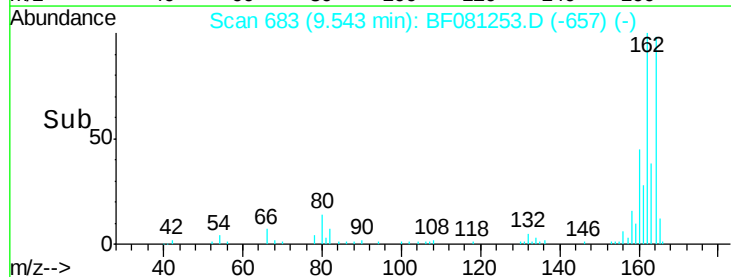
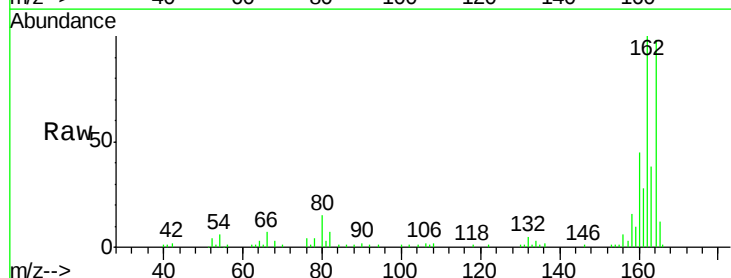
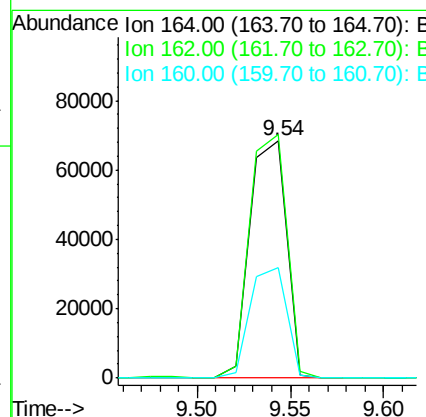
Manual Integrations
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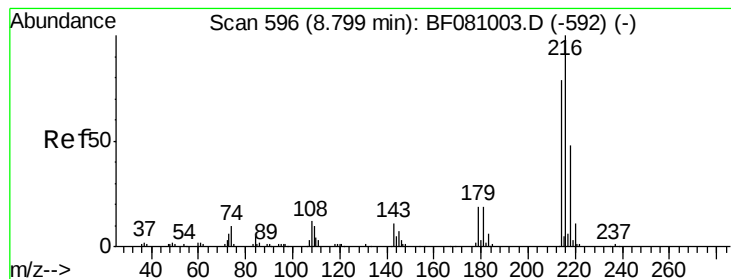
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93497		
162	102.4	83.8	125.8	
160	46.4	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.34 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

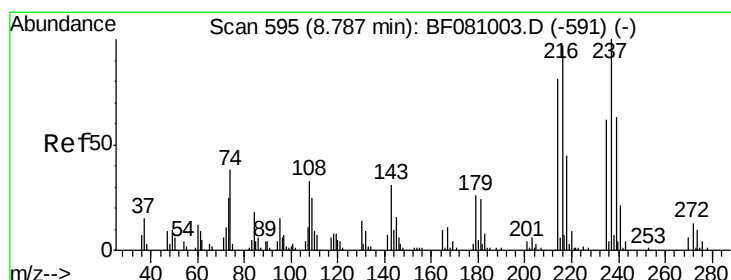
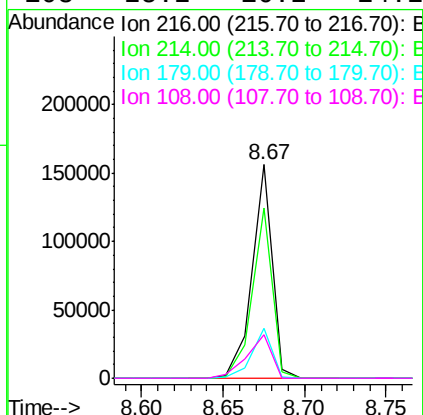
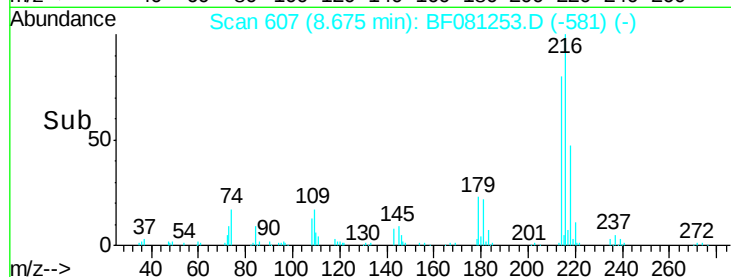
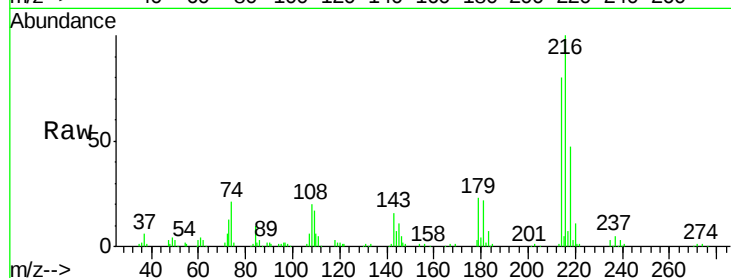
ClientSampleId :

VITALE FILL SOURCE 2AMSD

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	133742		
214	79.7	63.8	95.8	
179	23.3	17.8	26.8	
108	25.2	16.2	24.2	



#40

Hexachlorocyclopentadiene

Concen: 87.16 ng

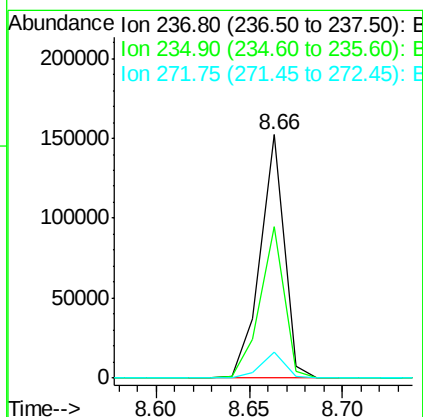
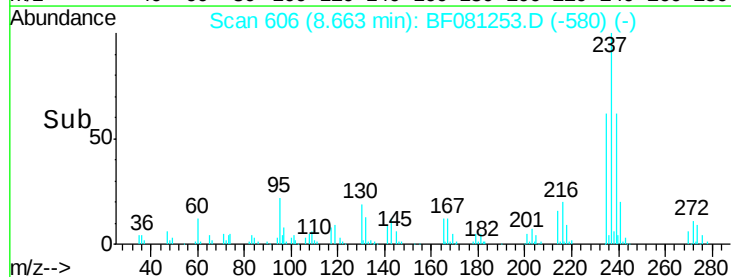
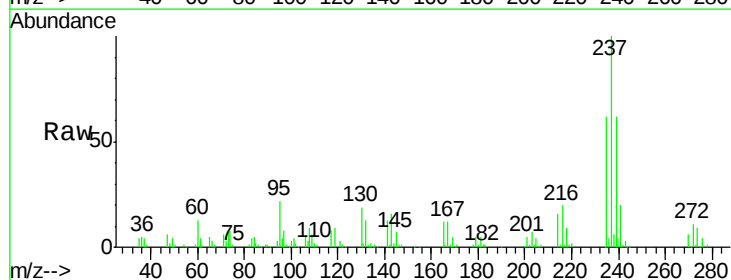
RT: 8.66 min Scan# 606

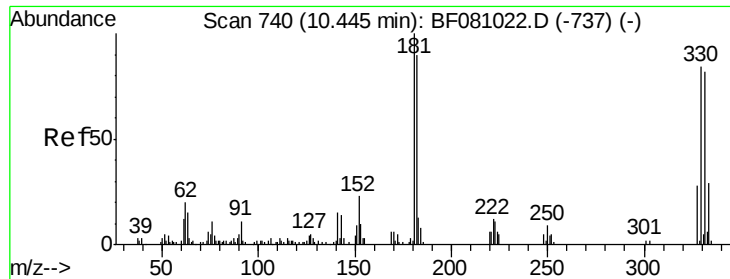
Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	136086		
235	62.4	43.6	83.6	
272	10.8	0.0	32.2	





#41

2,4,6-Tribromophenol

Concen: 145.32 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

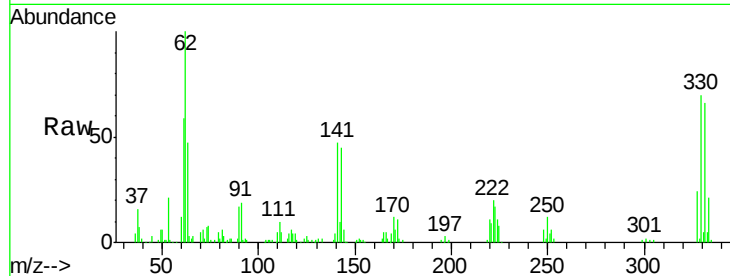
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117779		
332	98.0	77.3	115.9	
141	44.2	44.9	67.3#	

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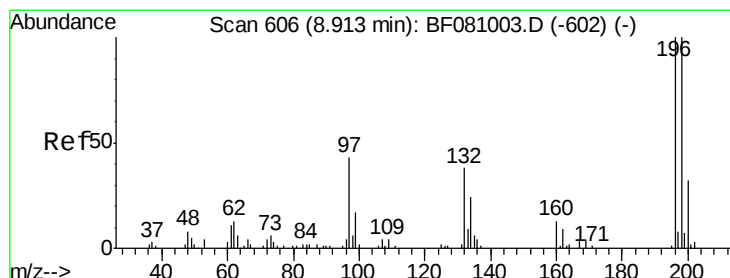
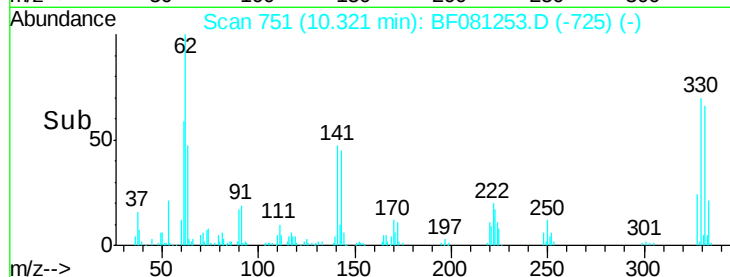
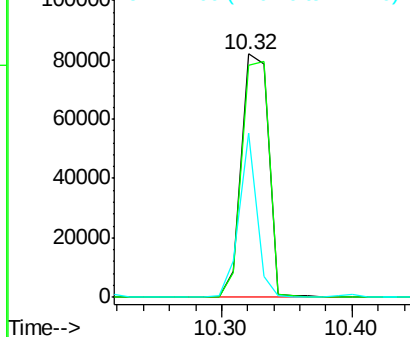
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.72 ng

RT: 8.79 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF081253.D

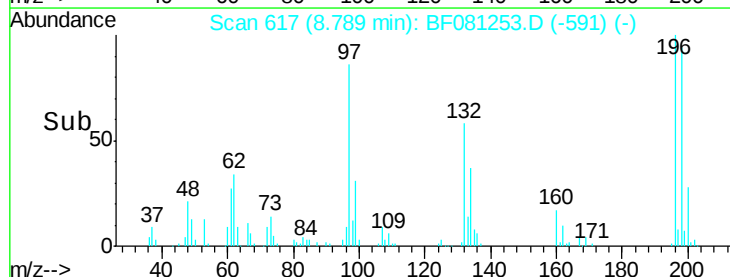
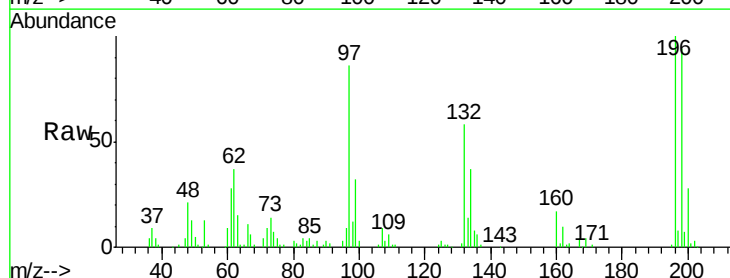
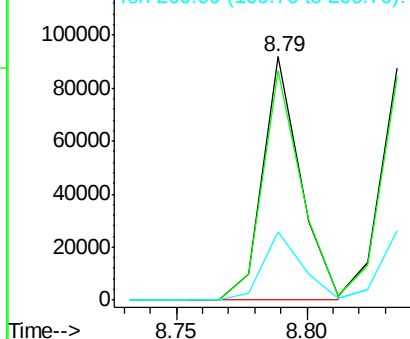
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91037		
198	94.2	74.6	111.8	
200	27.8	22.7	34.1	

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





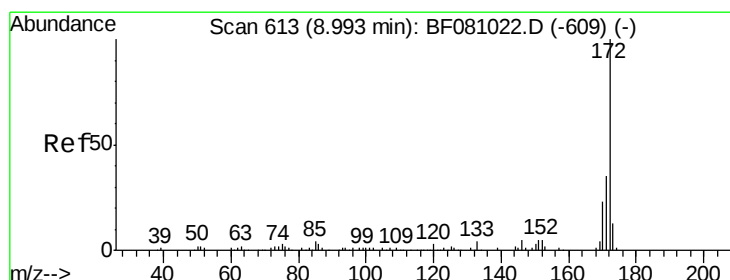
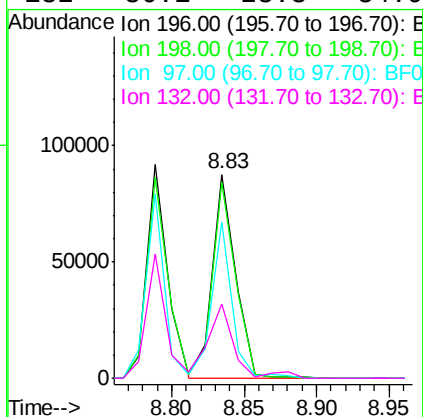
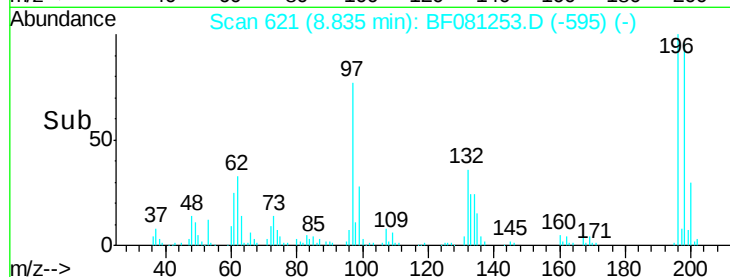
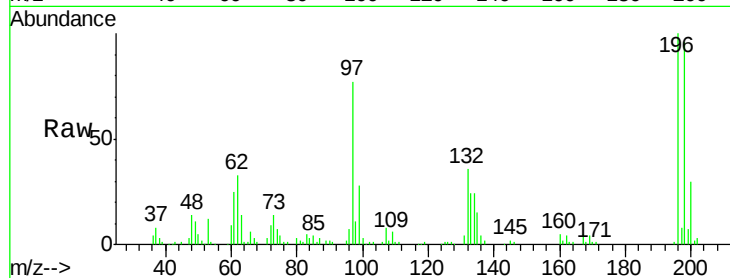
#43
 2,4,5-Trichlorophenol
 Concen: 45.67 ng
 RT: 8.83 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97276		
198	95.9	78.3	117.5	
97	76.7	42.7	64.1#	
132	36.1	23.3	34.9#	

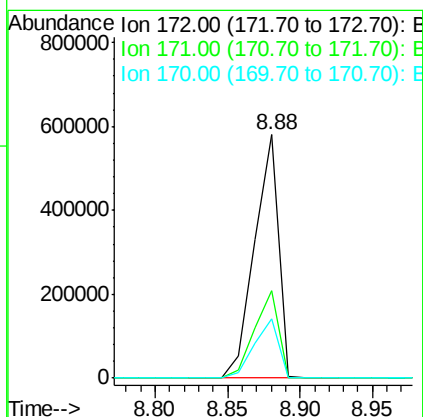
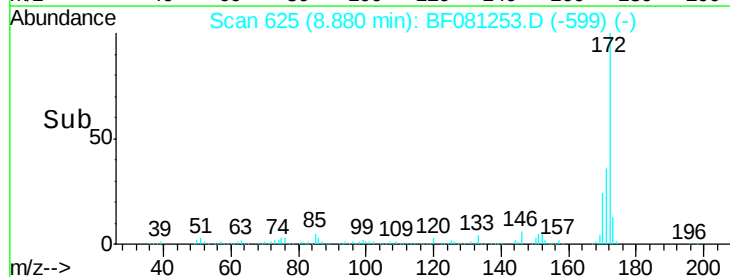
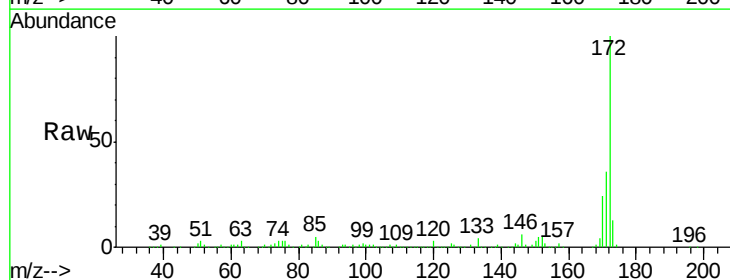
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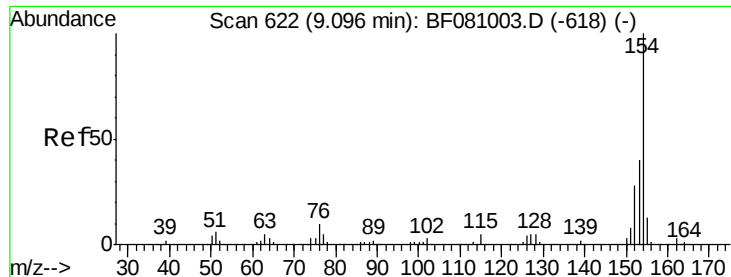
MMDadoda
 8/28/2015 2:22:56 PM



#44
 2-Fluorobiphenyl
 Concen: 93.10 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	664330		
171	35.9	28.9	43.3	
170	24.2	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 45.76 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

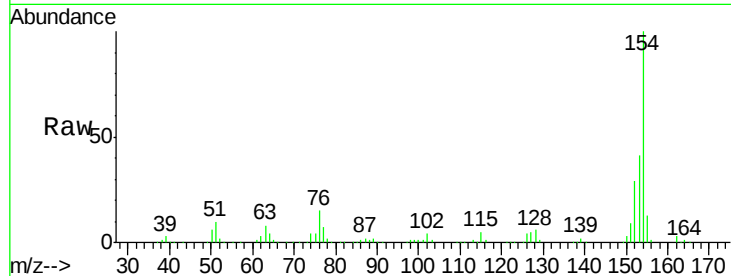
ClientSampleId :

VITALE FILL SOURCE 2AMSD

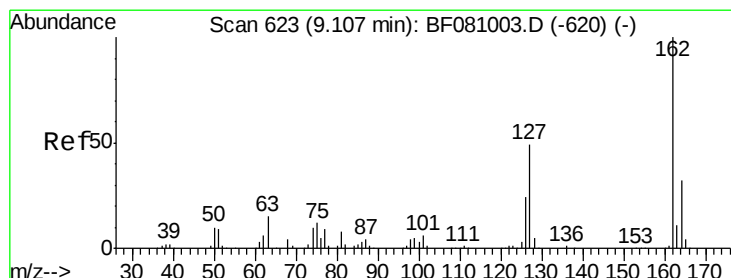
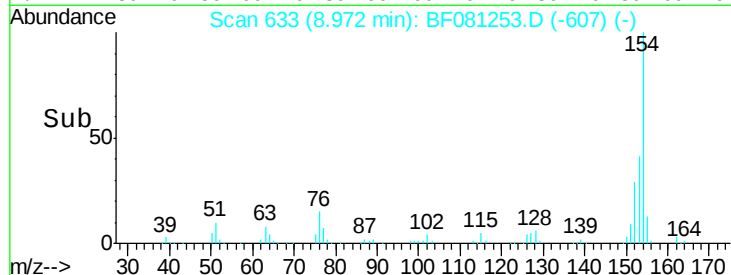
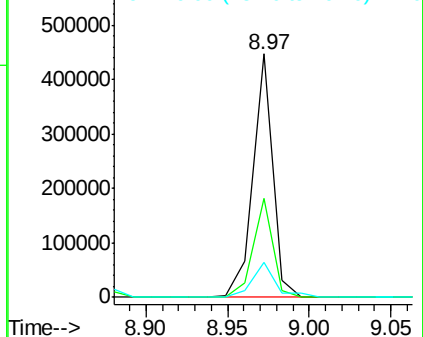
Tgt Ion:	154	Resp:	376866
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.5	59.5
76	14.6	0.0	29.3

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



#46

2-Chloronaphthalene

Concen: 45.93 ng

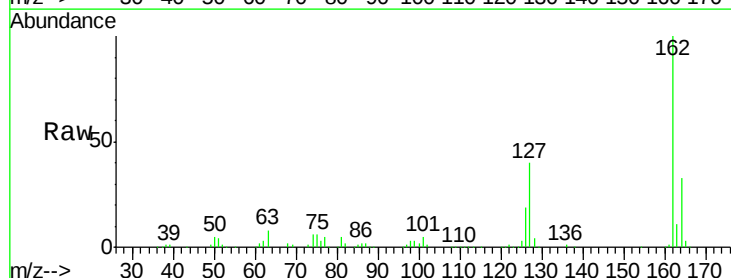
RT: 8.99 min Scan# 635

Delta R.T. -0.00 min

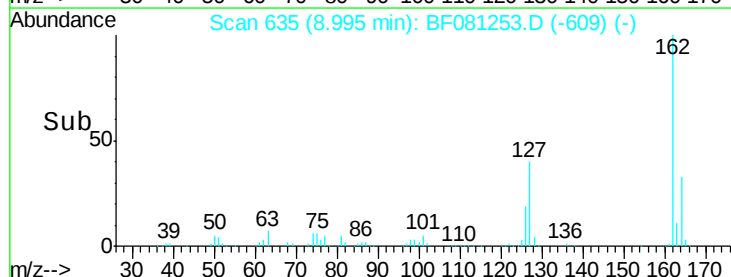
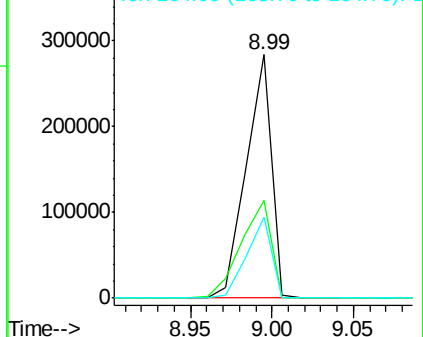
Lab File: BF081253.D

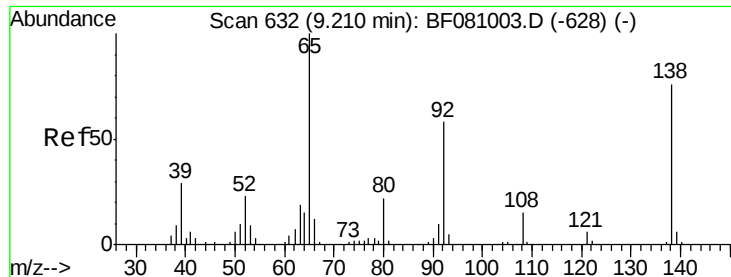
Acq: 27 Aug 2015 18:36

Tgt Ion:	162	Resp:	303895
Ion Ratio	Lower	Upper	
162	100		
127	40.1	31.3	46.9
164	33.2	26.3	39.5



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





#47

2-Nitroaniline

Concen: 52.49 ng

RT: 9.10 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF081253.D

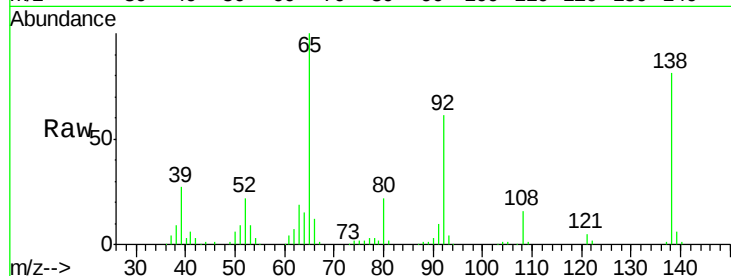
Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

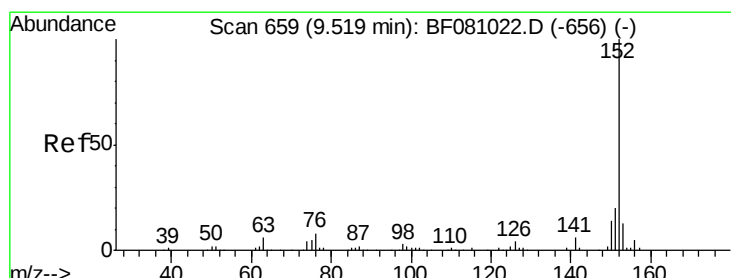
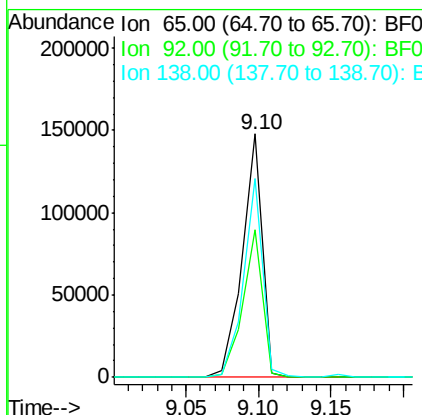
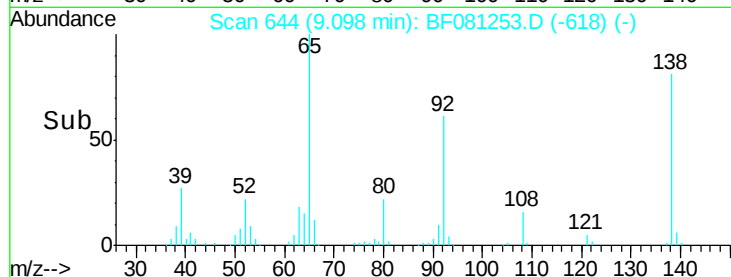
VITALE FILL SOURCE 2AMSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.8	45.6	68.4
138	81.5	57.9	86.9

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#48

Acenaphthylene

Concen: 41.24 ng

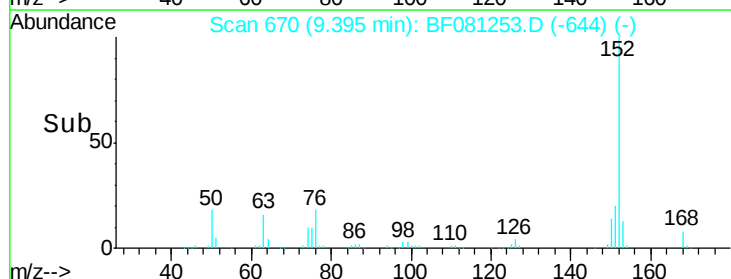
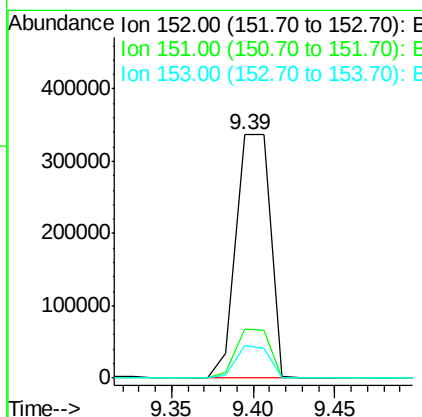
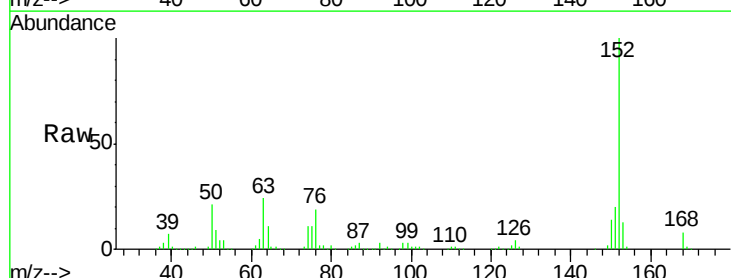
RT: 9.39 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.4	9.8	14.6





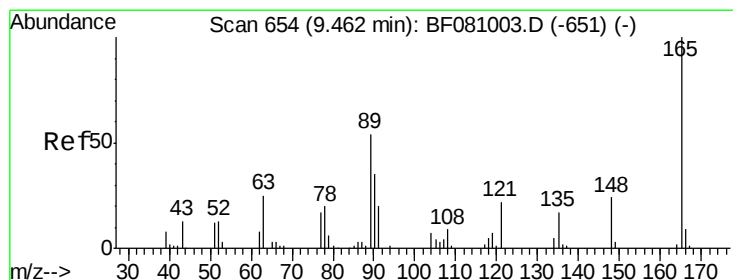
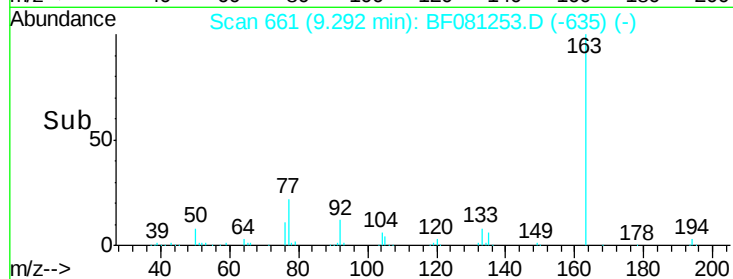
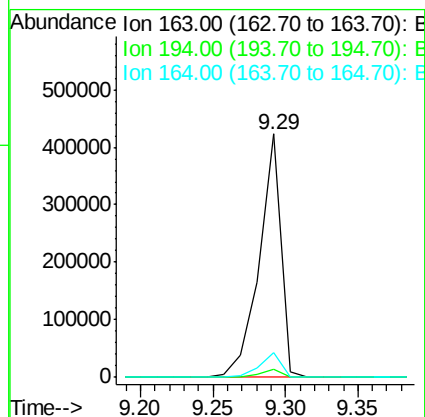
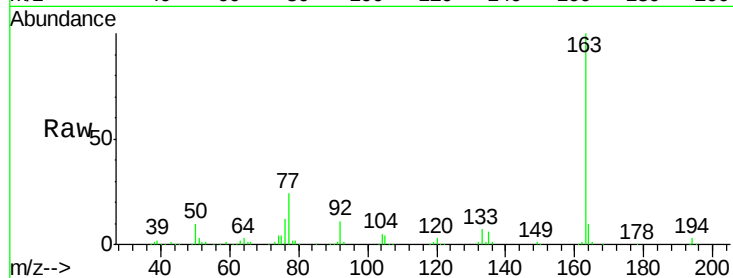
#49
Dimethylphthalate
Concen: 57.09 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.5	3.7
164	10.2	8.1	12.1

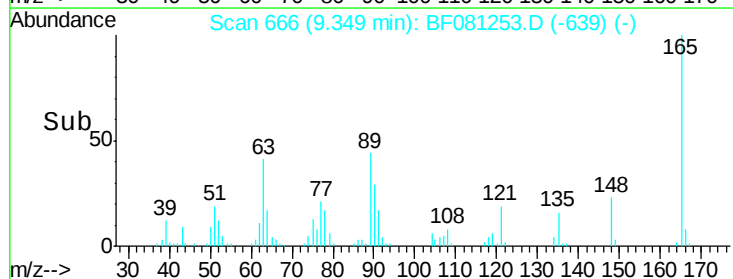
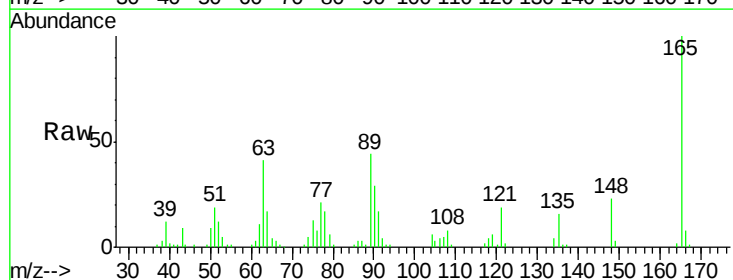
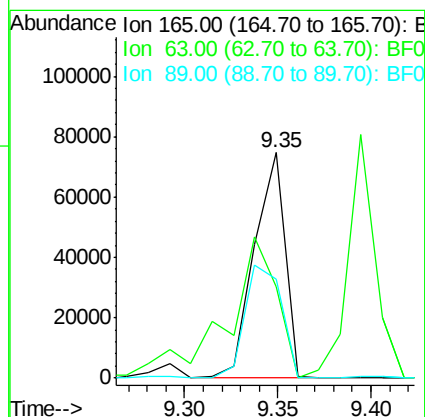
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#50
2,6-Dinitrotoluene
Concen: 51.39 ng
RT: 9.35 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.7	49.5	74.3#
89	43.9	47.6	71.4#





#51

Acenaphthene

Concen: 40.11 ng

RT: 9.58 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

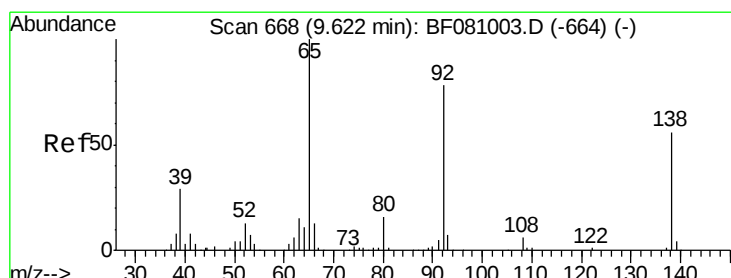
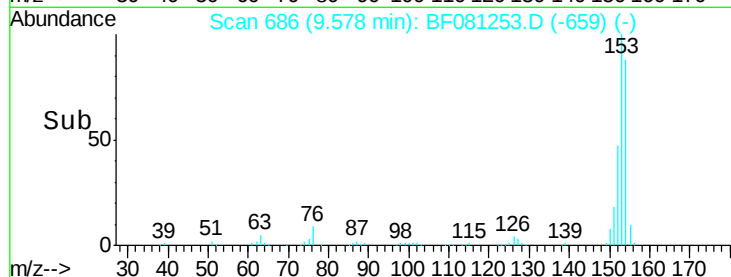
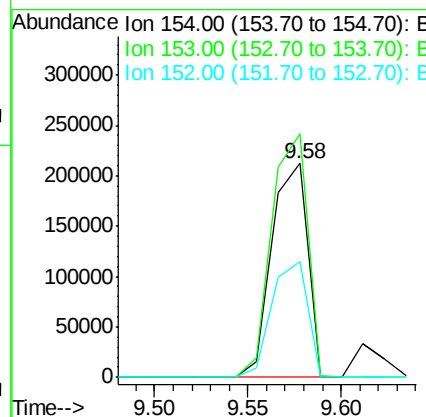
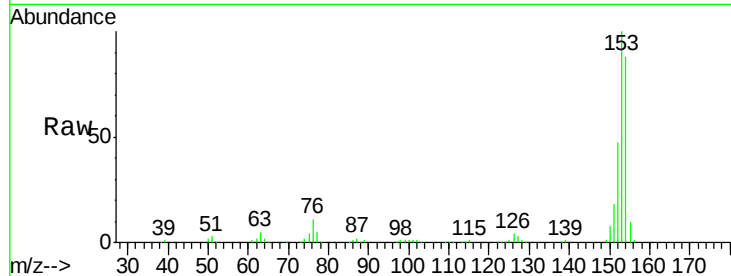
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion:	154	Resp:	284180
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.4	137.2
152	53.7	43.7	65.5

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#52

3-Nitroaniline

Concen: 32.55 ng

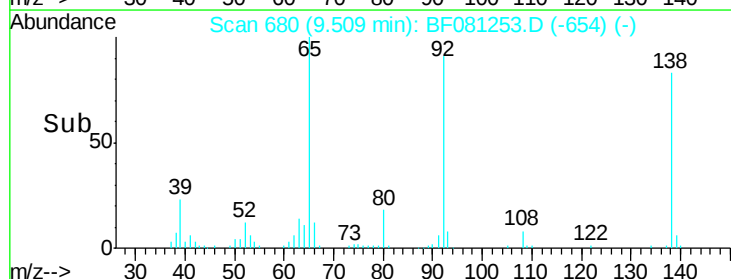
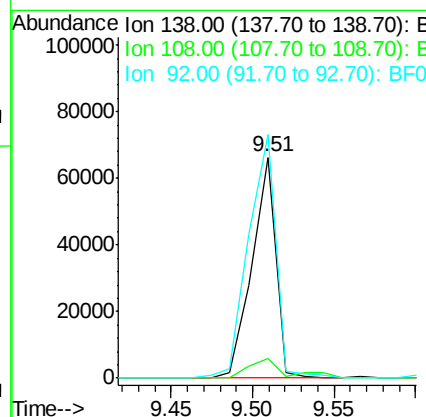
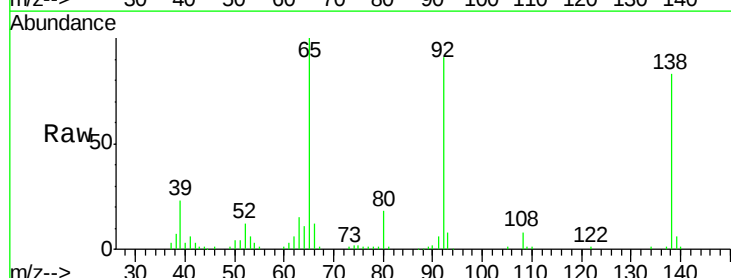
RT: 9.51 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	138	Resp:	67348
Ion Ratio	Lower	Upper	
138	100		
108	9.2	9.4	14.2#
92	110.2	113.2	169.8#





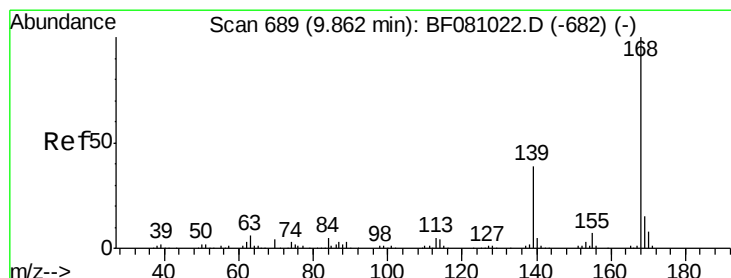
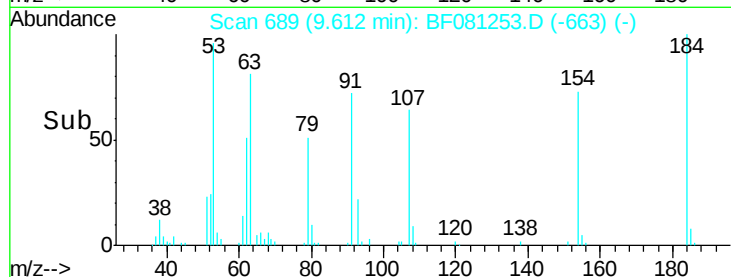
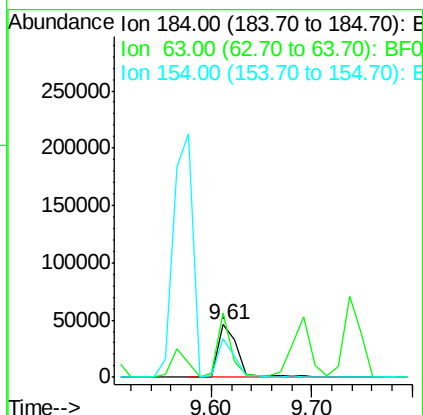
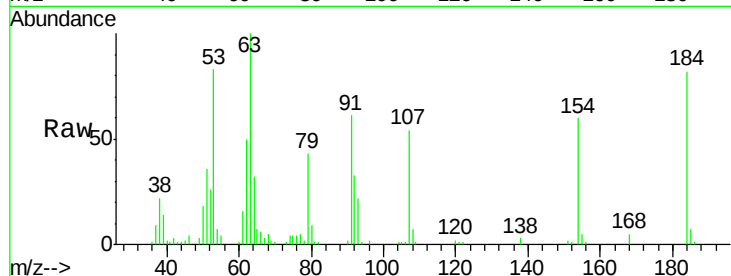
#53
2,4-Dinitrophenol
Concen: 68.48 ng
RT: 9.61 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion:184 Resp: 61042
Ion Ratio Lower Upper
184 100
63 121.6 101.7 152.5
154 73.0 67.4 101.0

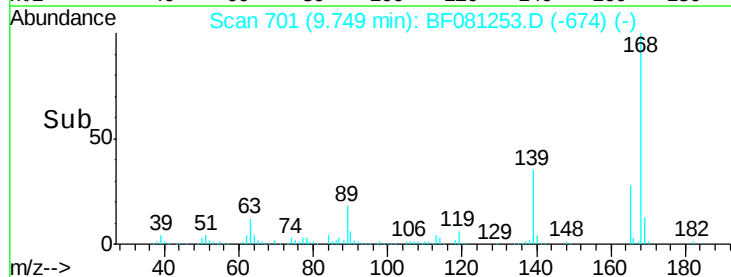
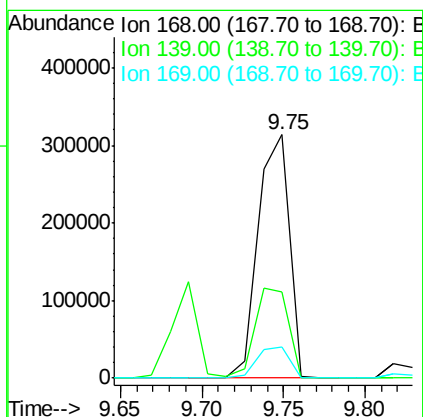
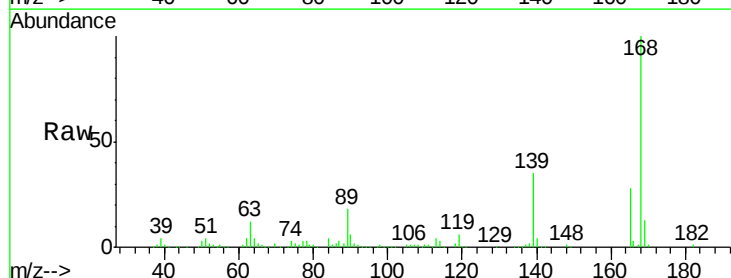
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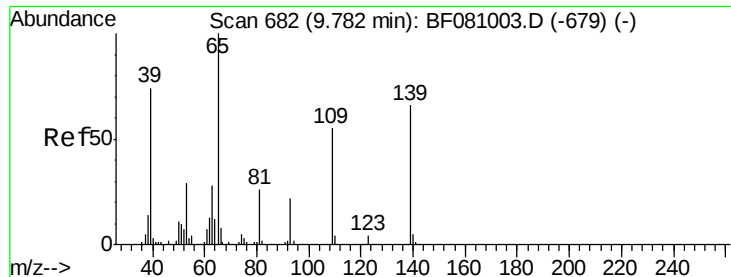
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#54
Dibenzofuran
Concen: 43.87 ng
RT: 9.75 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion:168 Resp: 416521
Ion Ratio Lower Upper
168 100
139 35.2 29.3 43.9
169 12.9 10.3 15.5





#55

4-Nitrophenol

Concen: 92.58 ng

RT: 9.69 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

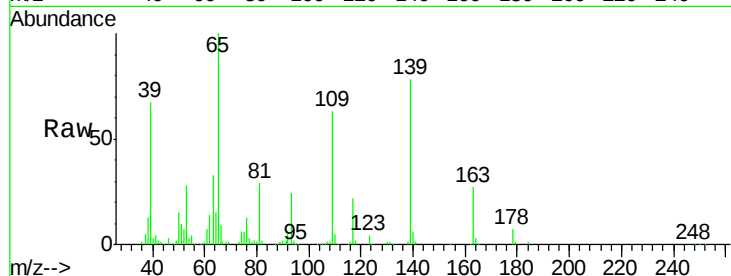
ClientSampleId :

VITALE FILL SOURCE 2AMSD

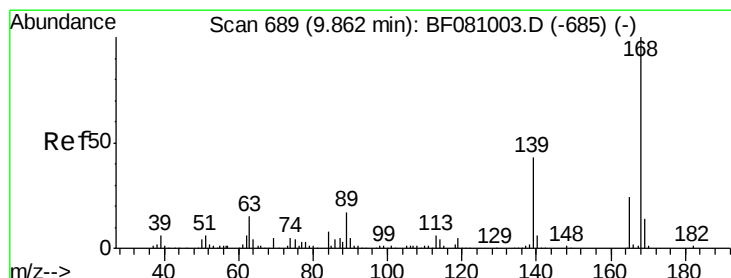
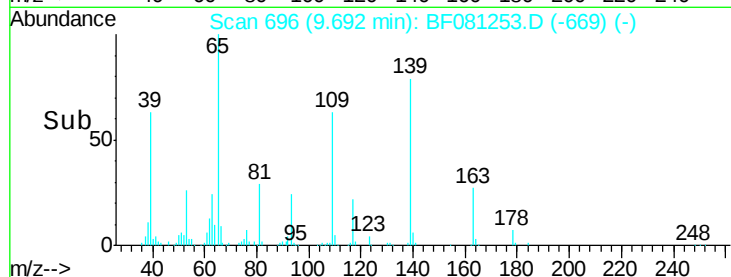
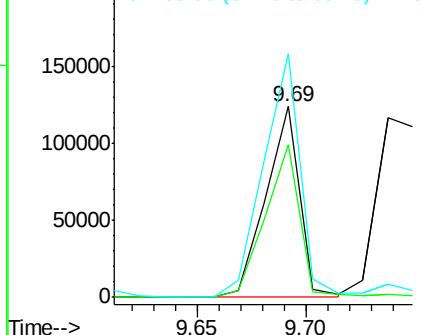
Tgt Ion:	139	Resp:	134520
Ion Ratio	Lower	Upper	
139	100		
109	80.2	80.0	120.0
65	127.8	138.3	178.3#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.02 ng

RT: 9.75 min Scan# 701

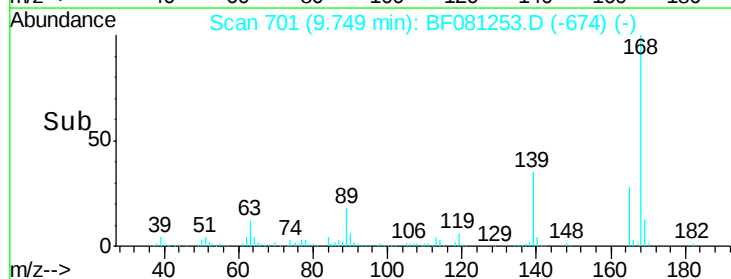
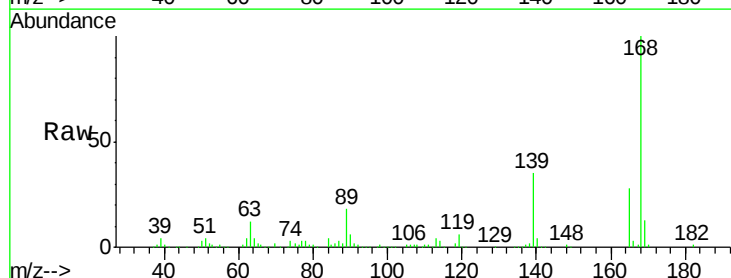
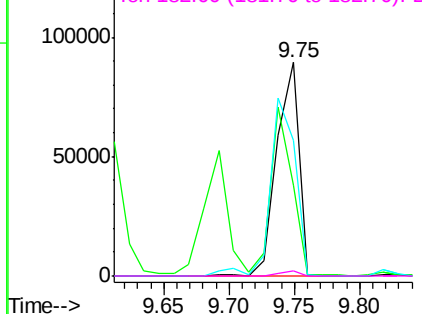
Delta R.T. 0.01 min

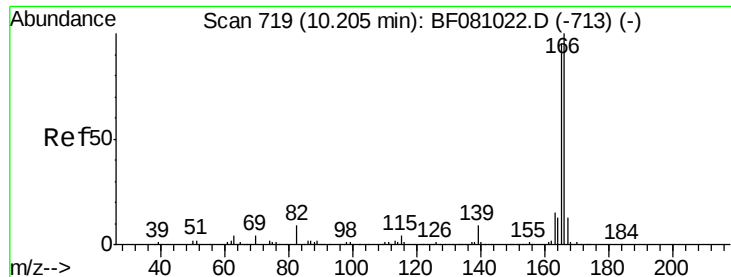
Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	165	Resp:	107418
Ion Ratio	Lower	Upper	
165	100		
63	42.3	52.2	78.4#
89	63.5	60.1	90.1
182	2.2	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.24 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF081253.D

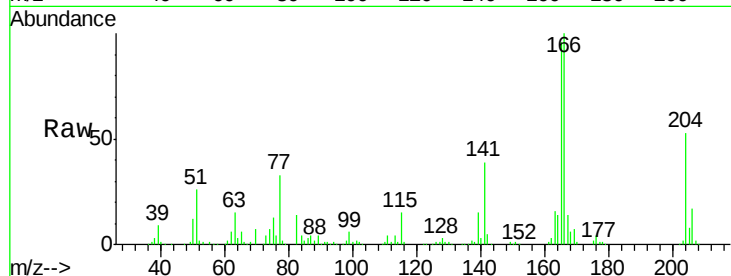
Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

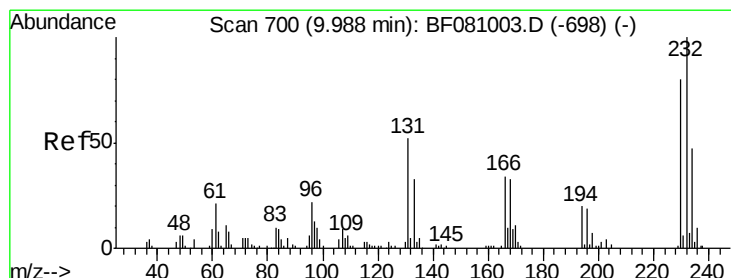
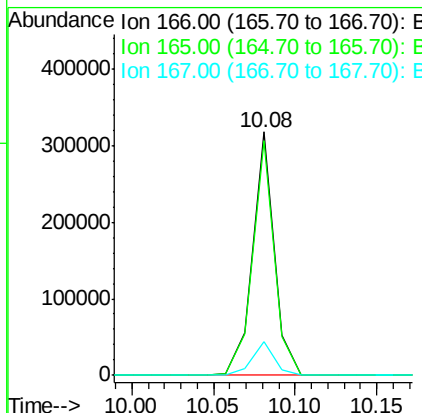
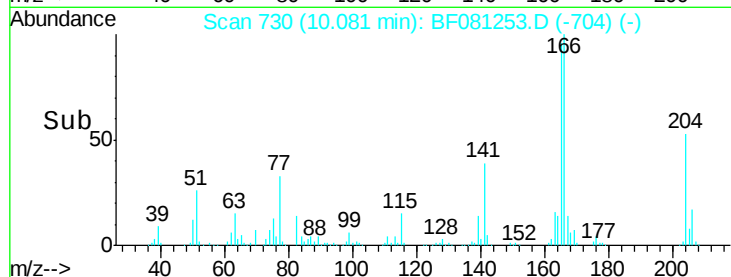
VITALE FILL SOURCE 2AMSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	293920		
165	96.2	75.8	113.8	
167	14.1	11.3	16.9	

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#58

2,3,4,6-Tetrachlorophenol

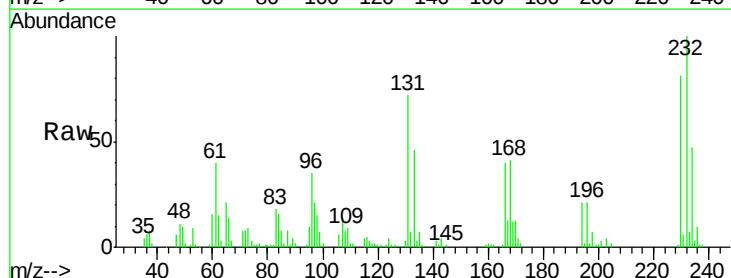
Concen: 47.05 ng

RT: 9.86 min Scan# 711

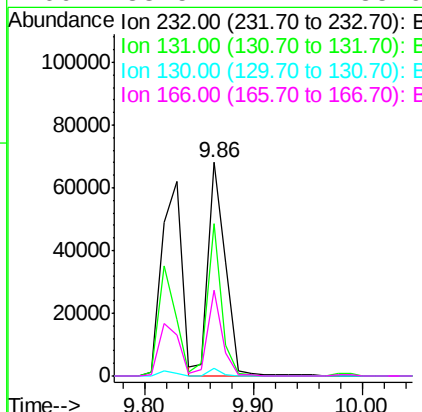
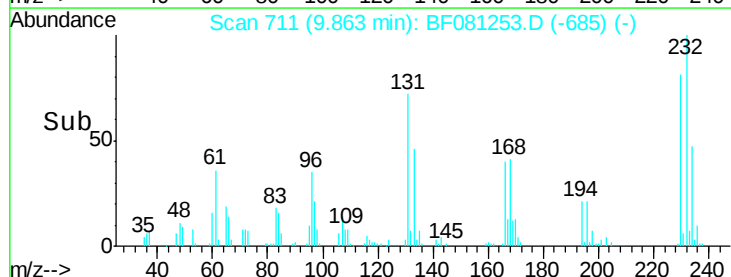
Delta R.T. -0.00 min

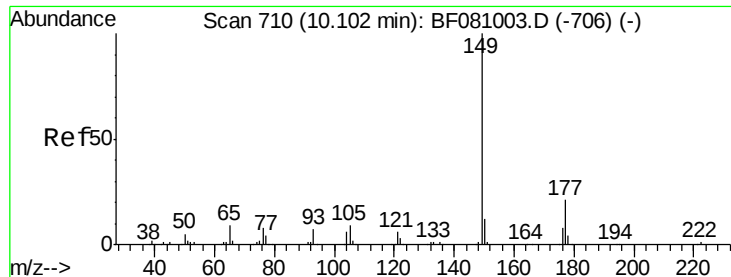
Lab File: BF081253.D

Acq: 27 Aug 2015 18:36



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	77568		
131	56.4	42.2	63.4	
130	2.5	2.1	3.1	
166	33.5	22.4	33.6	





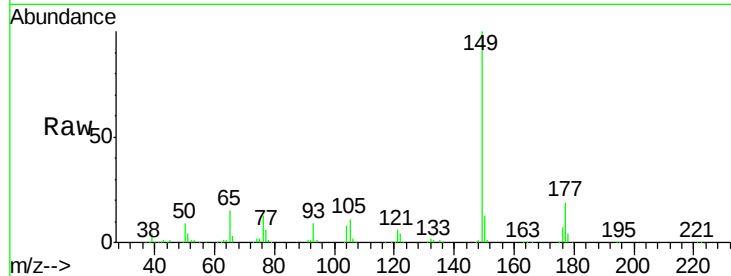
#59
Diethylphthalate
Concen: 47.74 ng
RT: 9.98 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

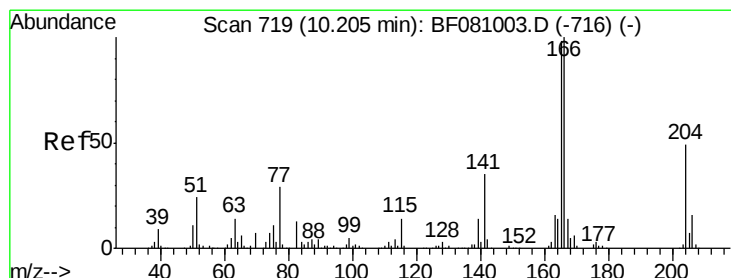
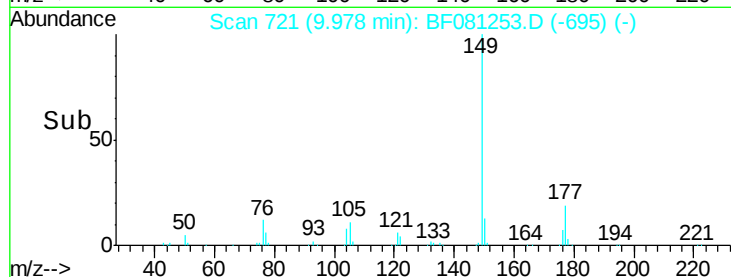
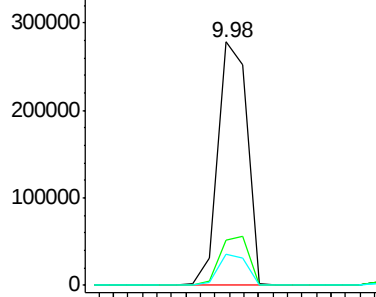
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	18.5	14.1	21.1
150	13.0	10.3	15.5

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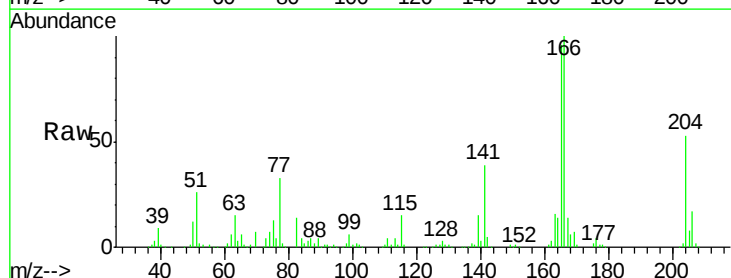


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

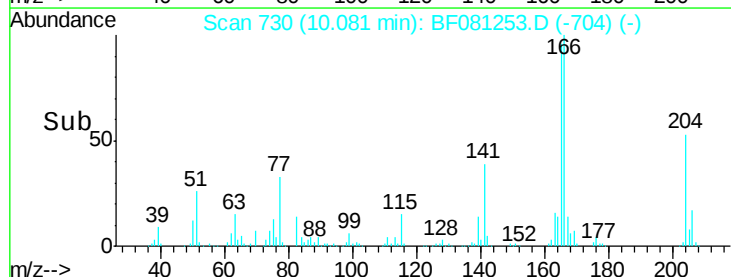
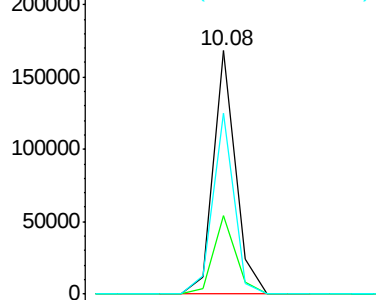


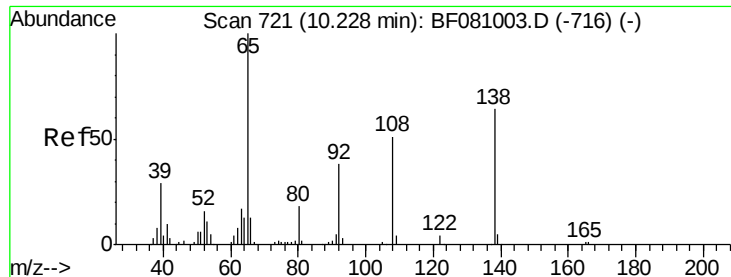
#60
4-Chlorophenyl-phenylether
Concen: 45.41 ng
RT: 10.08 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.3	26.2	39.2
141	74.5	59.6	89.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





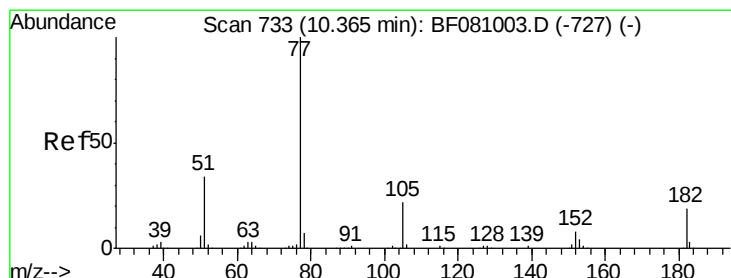
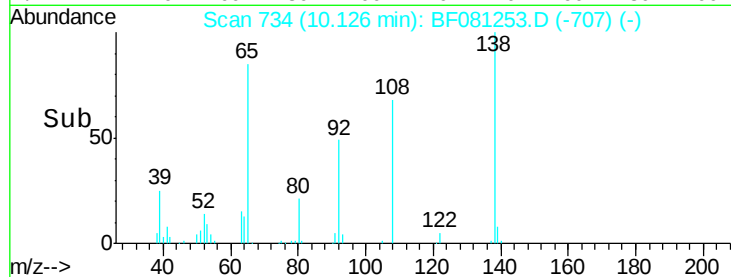
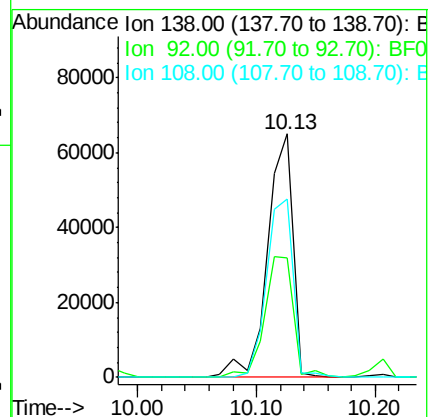
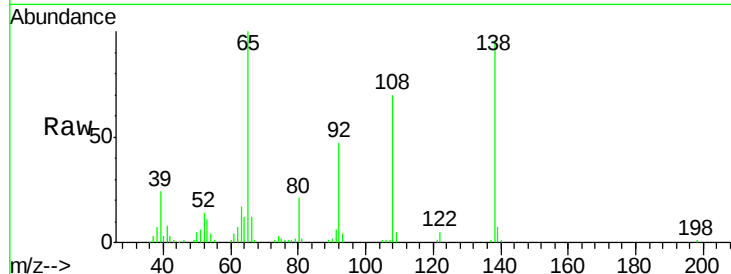
#61
4-Nitroaniline
Concen: 45.95 ng
RT: 10.13 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	34.7	74.7
108	73.4	68.9	108.9

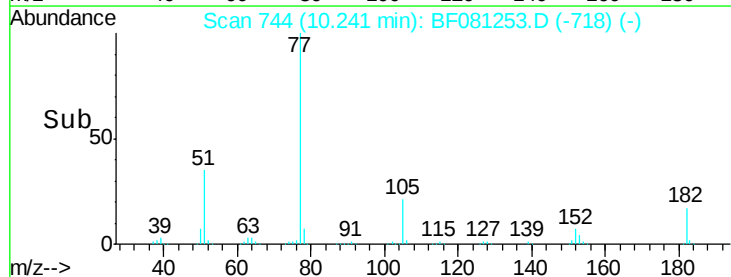
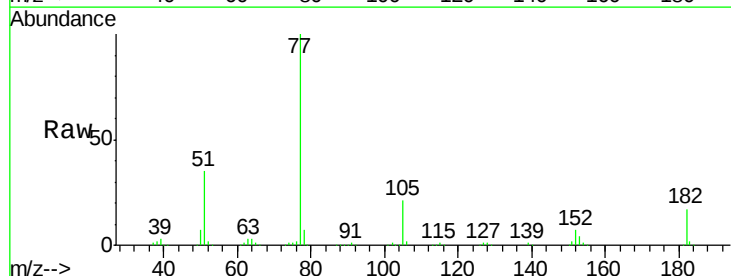
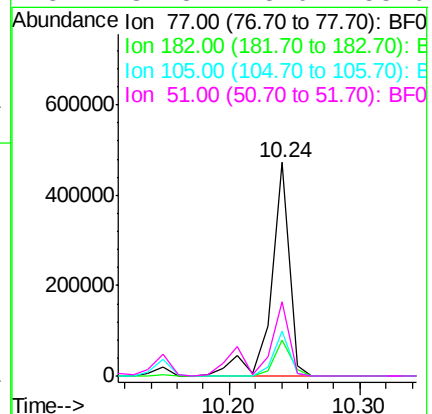
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#62
Azobenzene
Concen: 49.25 ng
RT: 10.24 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.8	0.0	39.0
105	20.9	0.2	40.2
51	34.8	18.0	58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

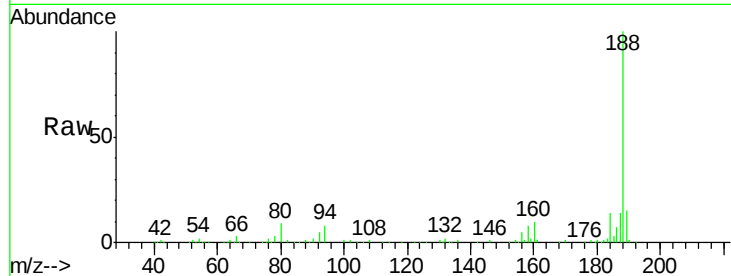
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	8.2	12.2#
80	8.6	9.5	14.3#

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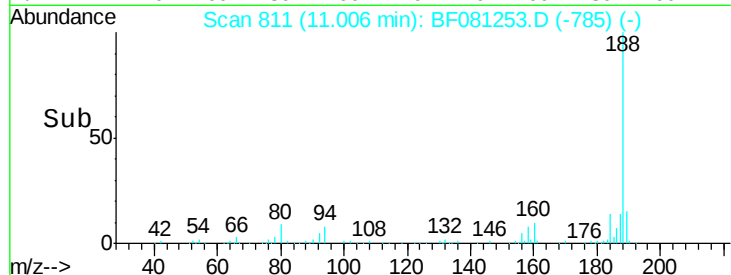


Abundance Ion 188.00 (187.70 to 188.70): E

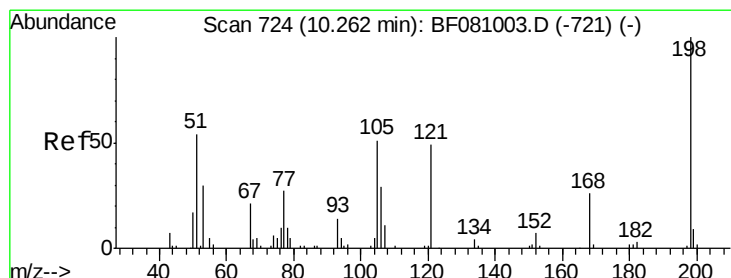
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 47.71 ng

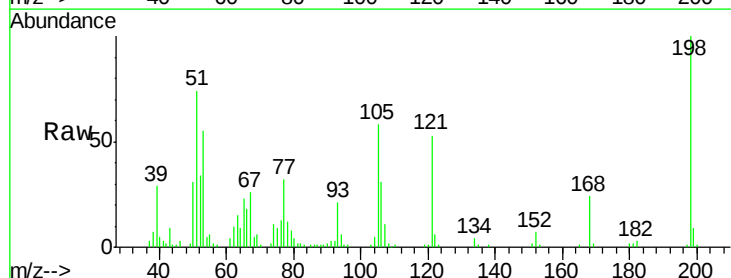
RT: 10.15 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	73.9	79.7	119.7#
105	57.8	47.0	87.0

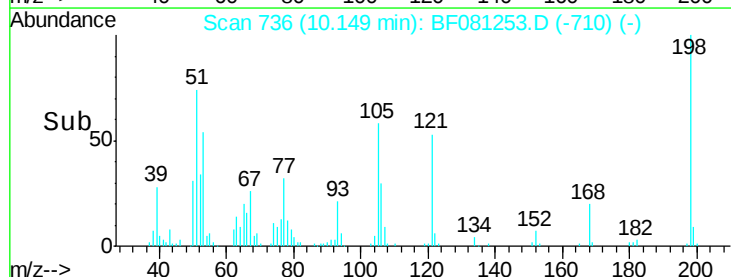


Abundance Ion 198.00 (197.70 to 198.70): E

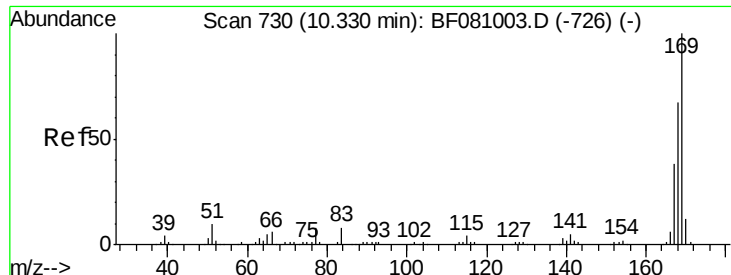
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



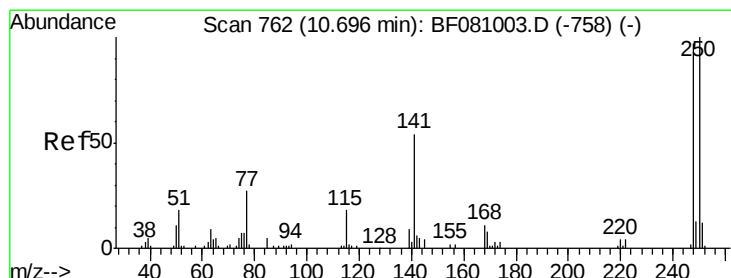
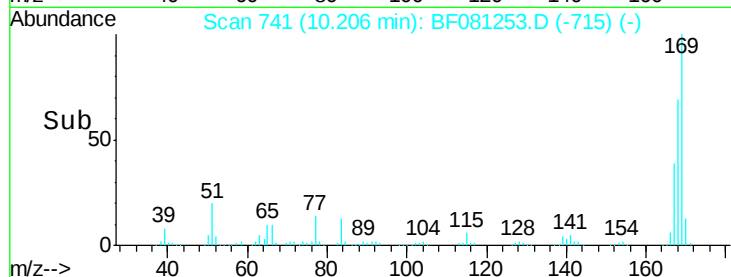
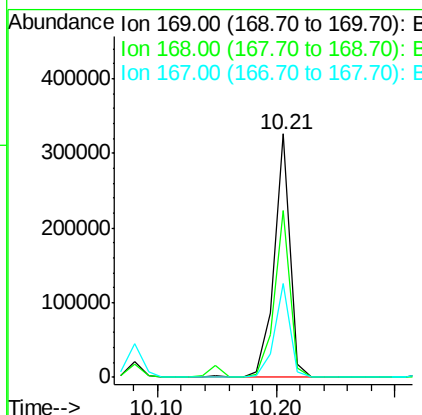
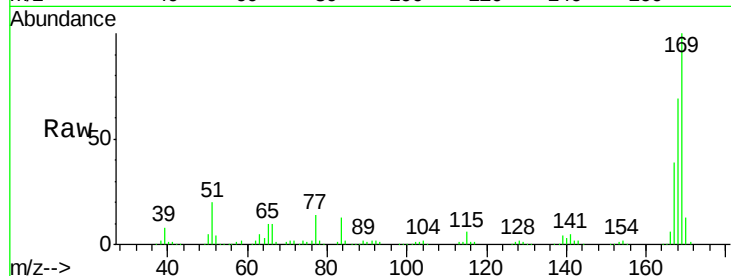
#65
 n-Nitrosodiphenylamine
 Concen: 43.97 ng
 RT: 10.21 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	300950		
168	68.8	55.3	82.9	
167	38.5	30.8	46.2	

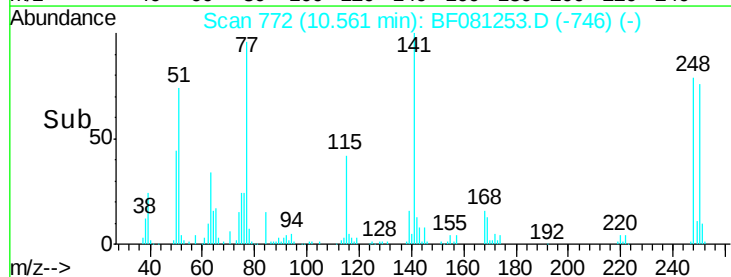
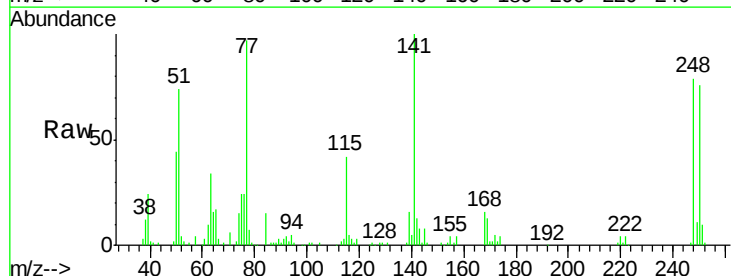
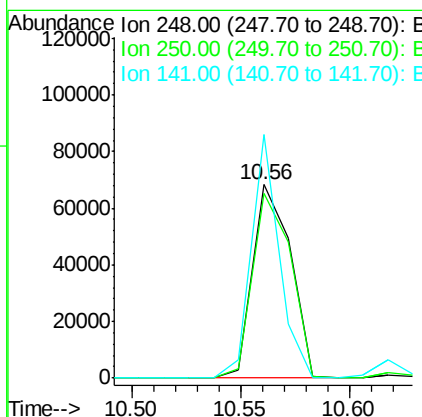
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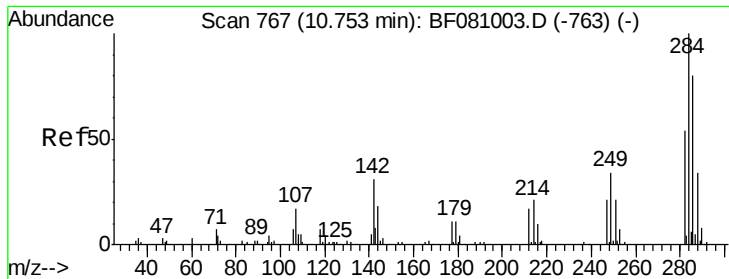
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#66
 4-Bromophenyl-phenylether
 Concen: 44.13 ng
 RT: 10.56 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83122		
250	95.6	77.8	116.6	
141	125.8	39.8	59.6	





#67

Hexachlorobenzene

Concen: 44.66 ng

RT: 10.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF081253.D

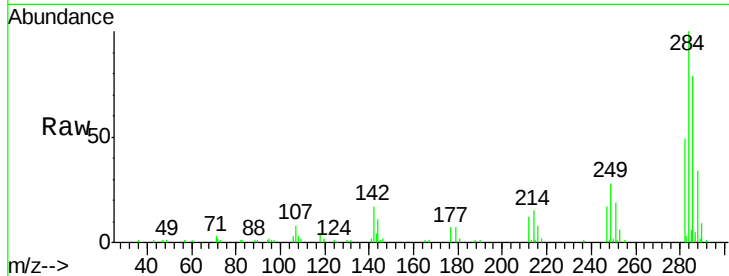
Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

ClientSampleId :

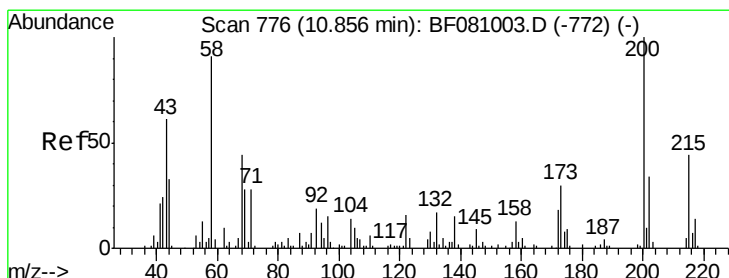
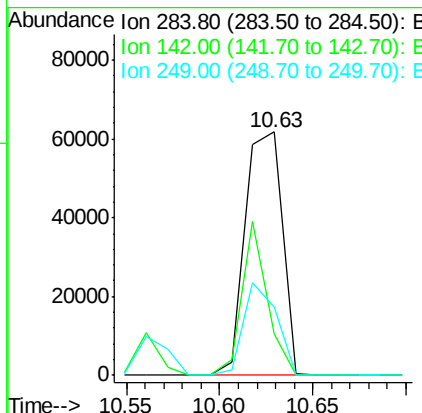
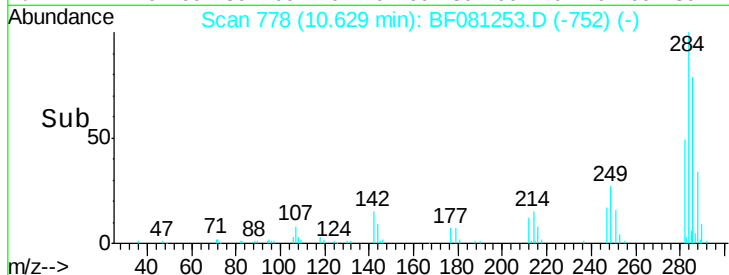
VITALE FILL SOURCE 2AMSD



Tgt Ion:	284	Resp:	85184
Ion Ratio	Lower	Upper	
284	100		
142	16.9	25.4	38.0#
249	28.2	28.5	42.7#

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#68

Atrazine

Concen: 54.17 ng

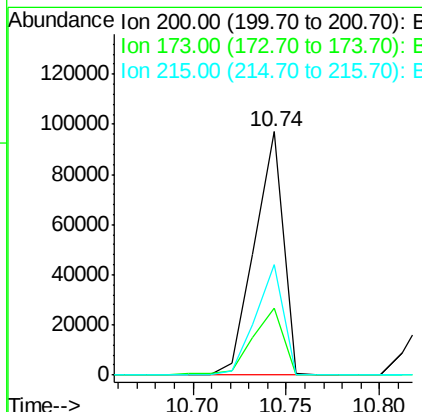
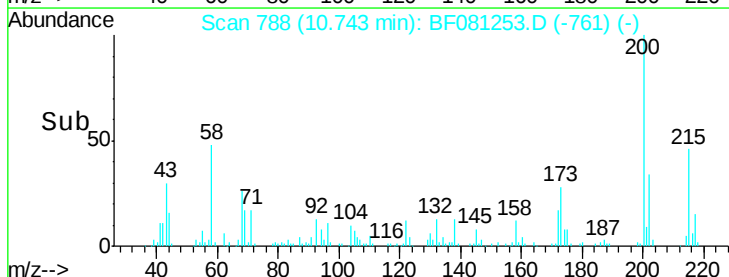
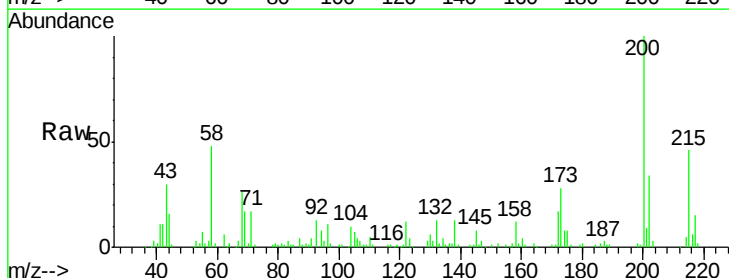
RT: 10.74 min Scan# 788

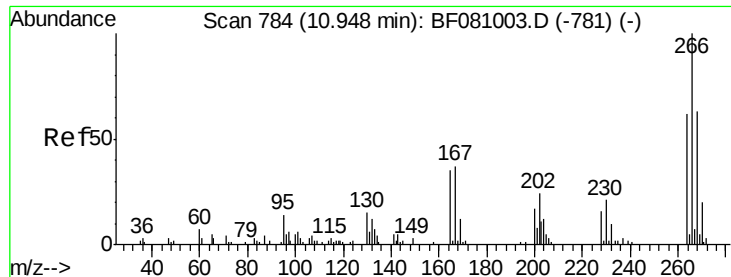
Delta R.T. 0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	200	Resp:	103286
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.1	48.1
215	45.6	23.3	63.3





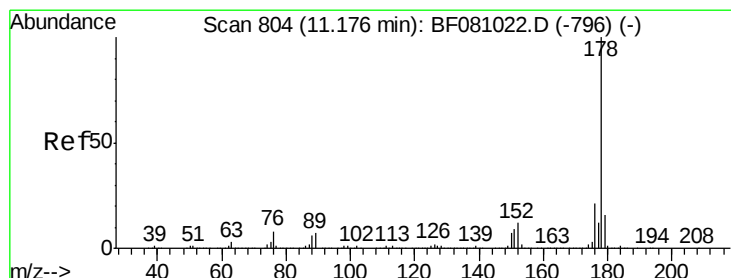
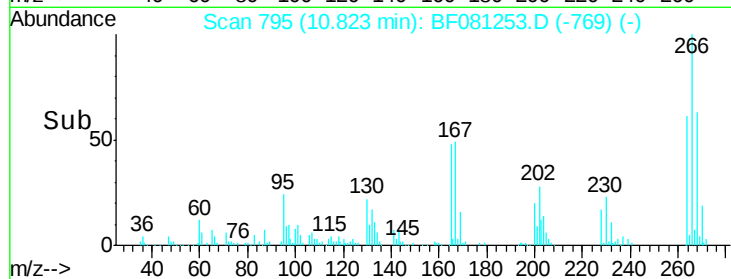
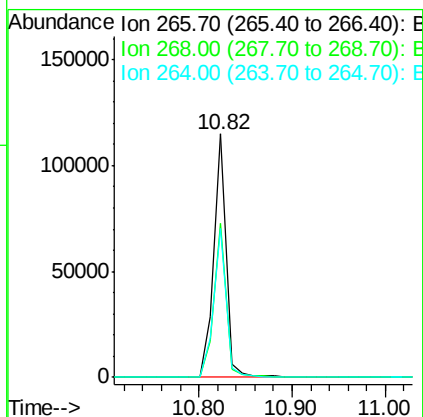
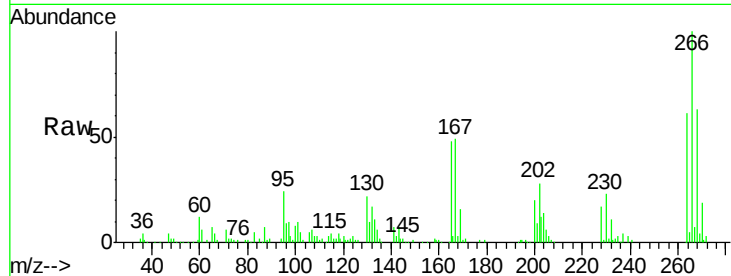
#69
 Pentachlorophenol
 Concen: 93.41 ng
 RT: 10.82 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106907		
268	63.3	51.2	76.8	
264	61.1	50.6	75.8	

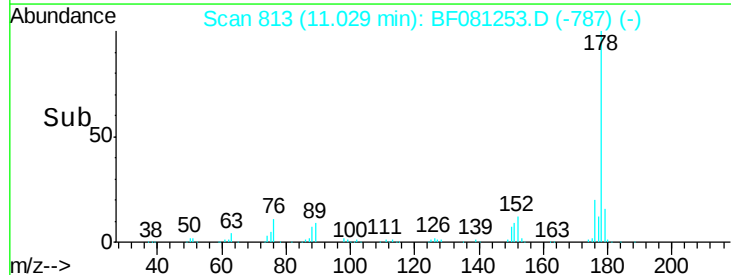
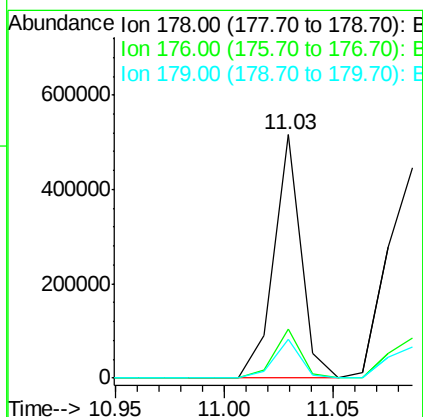
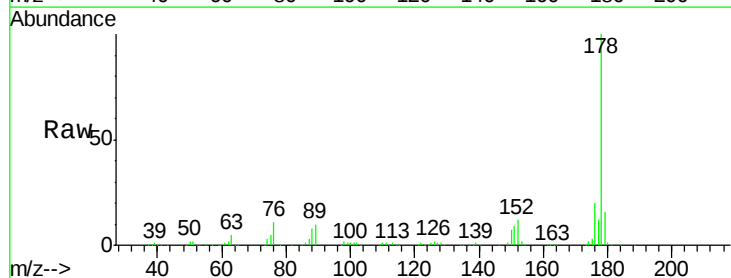
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#70
 Phenanthrene
 Concen: 39.96 ng
 RT: 11.03 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	454109		
176	20.1	15.7	23.5	
179	15.7	12.2	18.2	





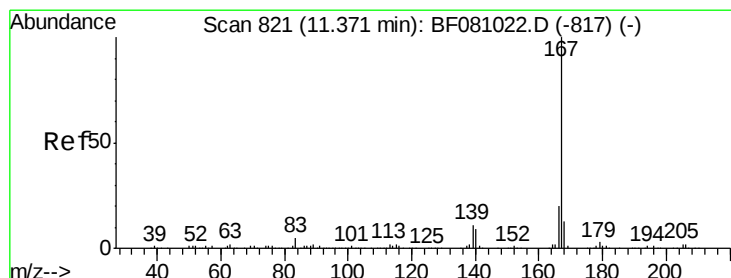
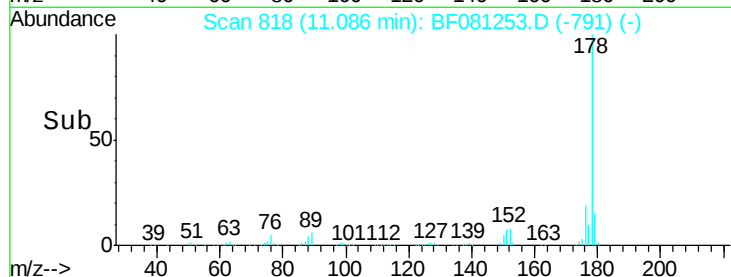
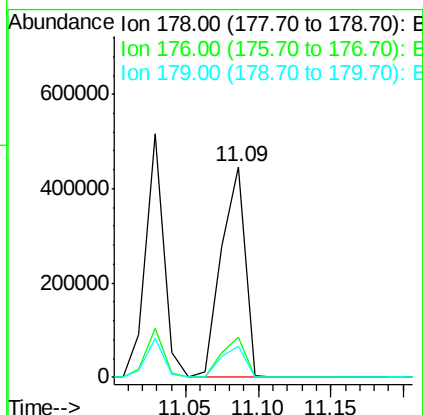
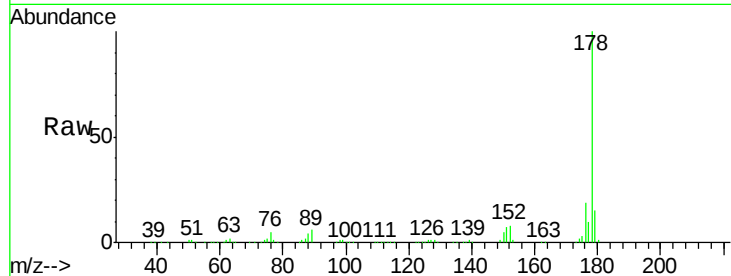
#71
 Anthracene
 Concen: 46.01 ng
 RT: 11.09 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	14.8	12.7	19.1

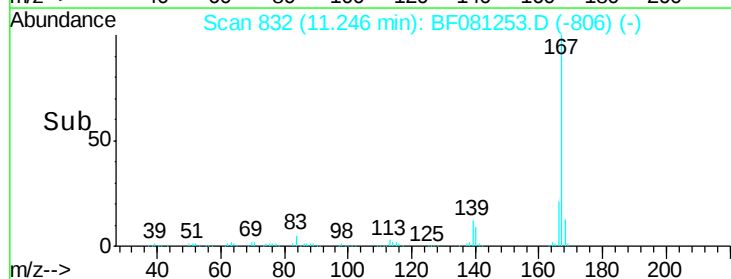
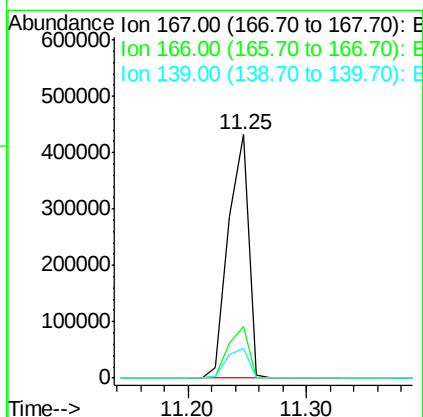
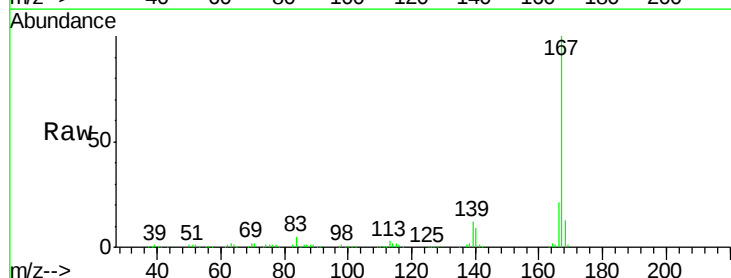
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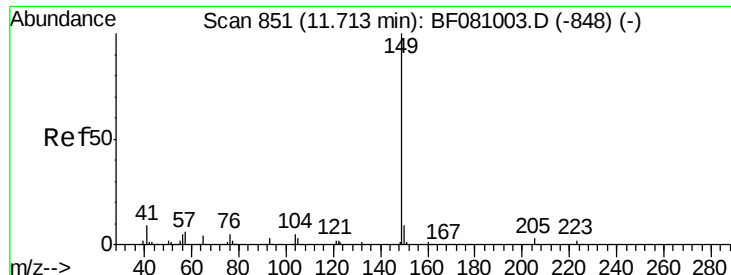
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#72
 Carbazole
 Concen: 48.11 ng
 RT: 11.25 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.1	10.6	16.0





#73

Di-n-butylphthalate

Concen: 45.83 ng

RT: 11.59 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

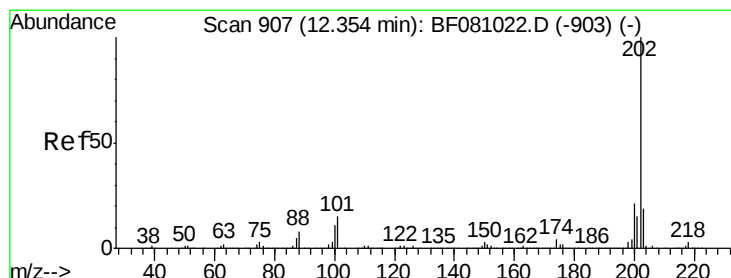
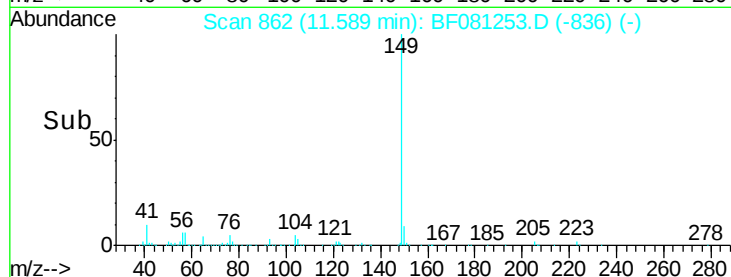
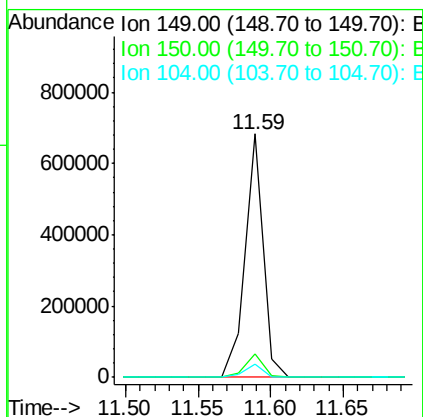
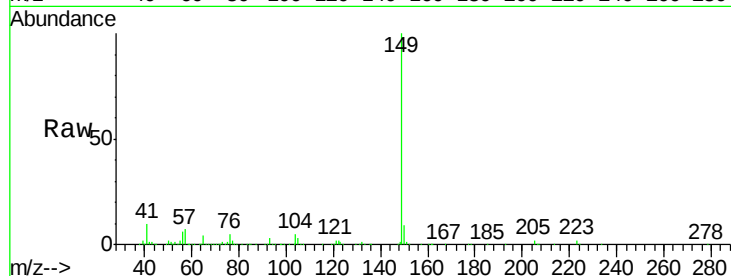
ClientSampleId :

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Tgt Ion:	149	Resp:	590316
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	5.2	3.9	5.9

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#74

Fluoranthene

Concen: 45.80 ng

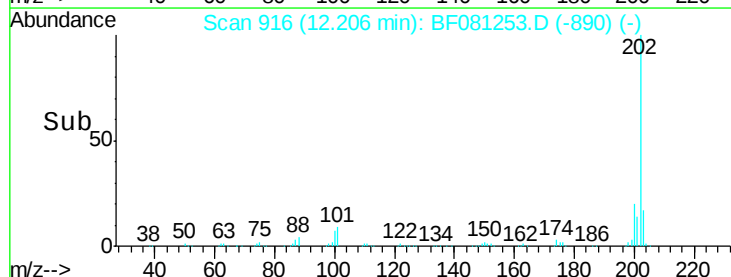
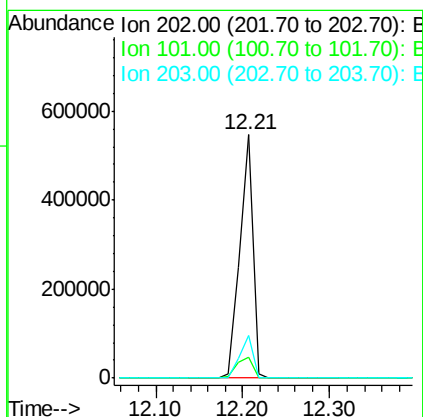
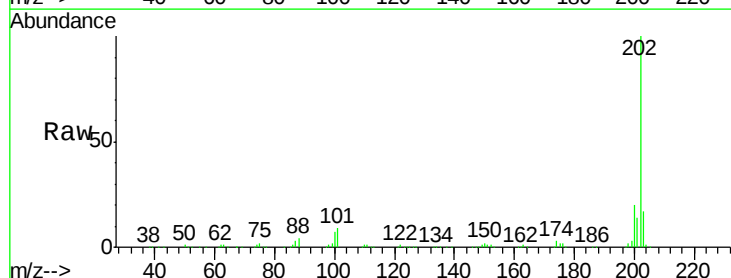
RT: 12.21 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	202	Resp:	561576
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	24.8
203	17.4	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

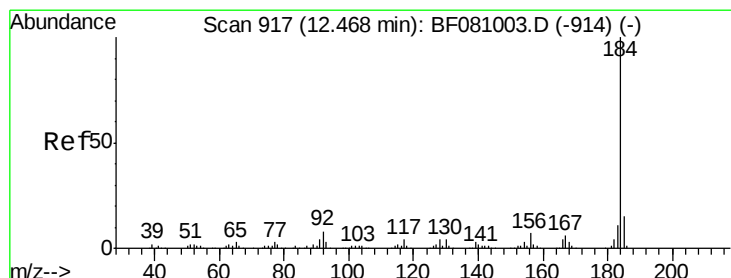
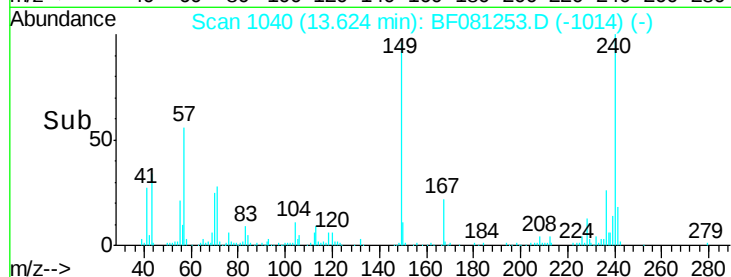
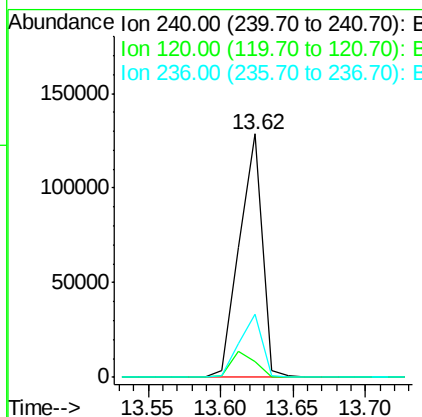
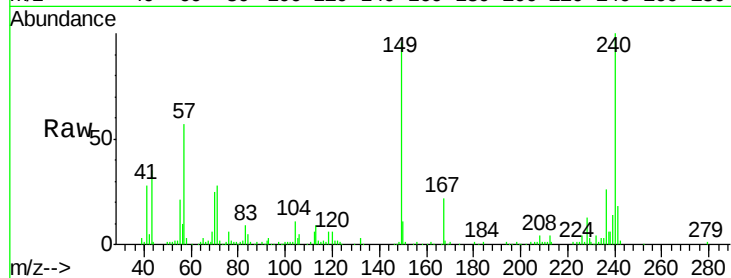
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion:	240	Resp:	141115
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.6	8.4
236	25.8	20.6	30.8

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#76

Benzidine

Concen: 41.80 ng

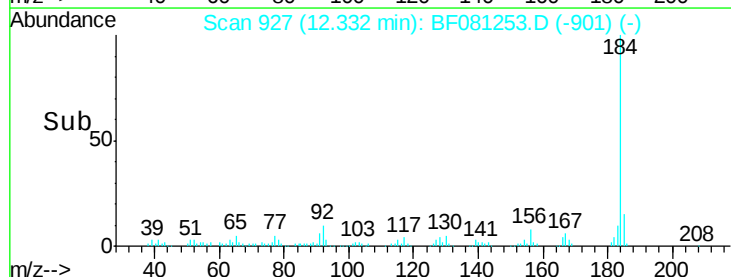
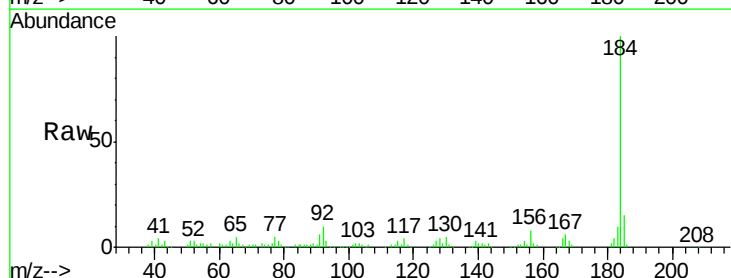
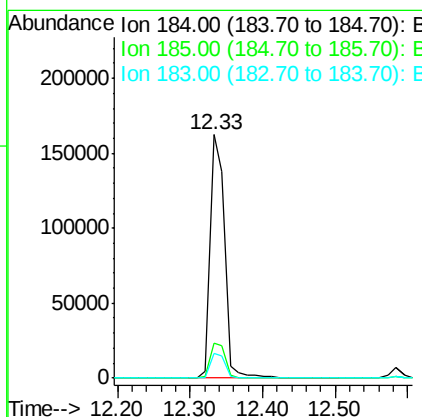
RT: 12.33 min Scan# 927

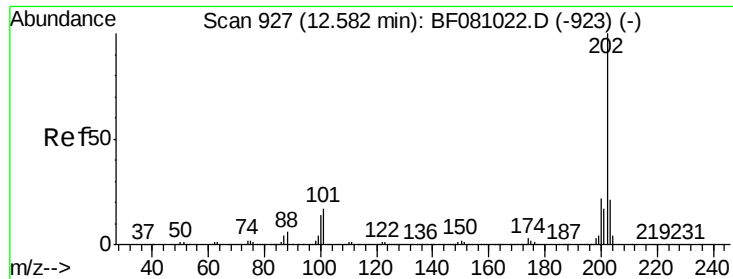
Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	184	Resp:	222815
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	10.1	8.9	13.3





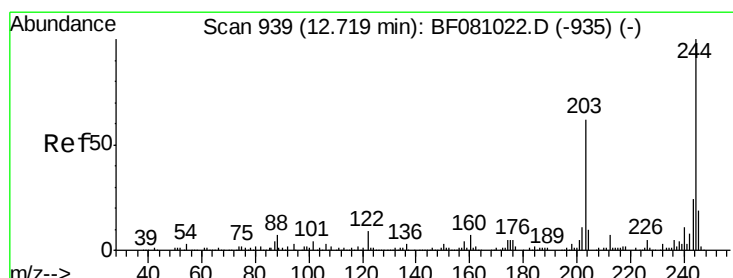
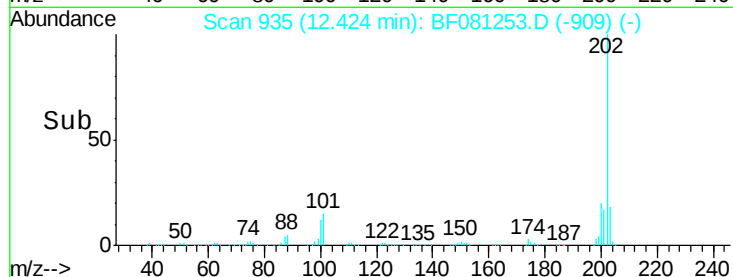
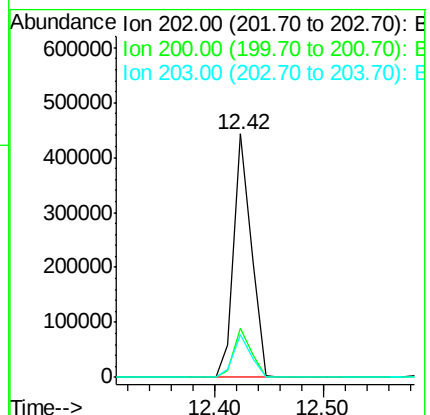
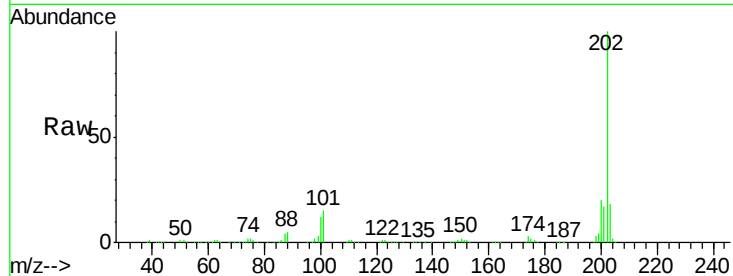
#77
Pyrene
Concen: 42.78 ng
RT: 12.42 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.7	14.1	21.1

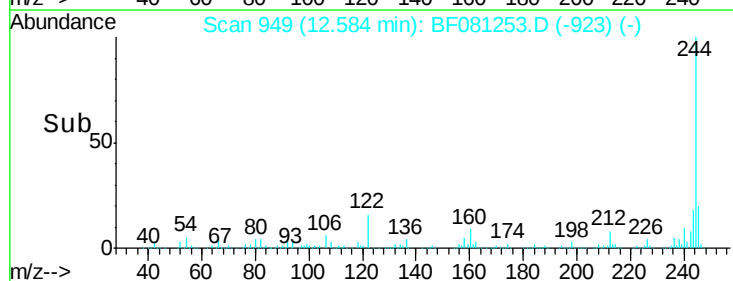
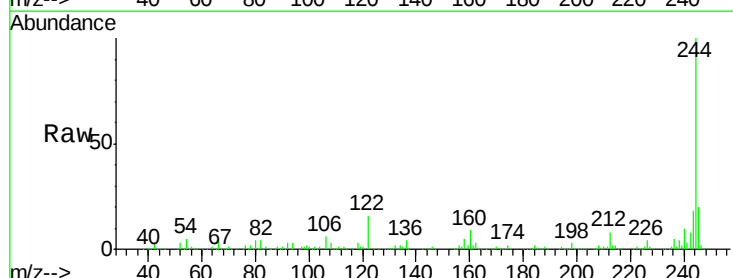
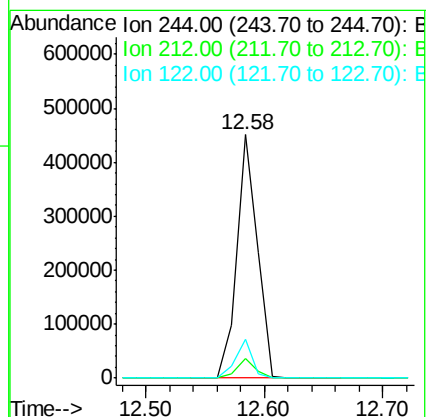
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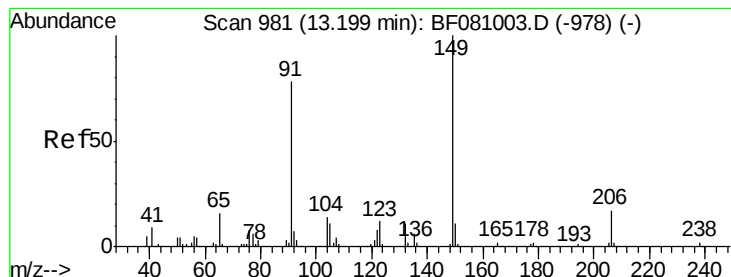
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#78
Terphenyl-d14
Concen: 82.06 ng
RT: 12.58 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	5.8	8.8
122	16.0	8.2	12.4#





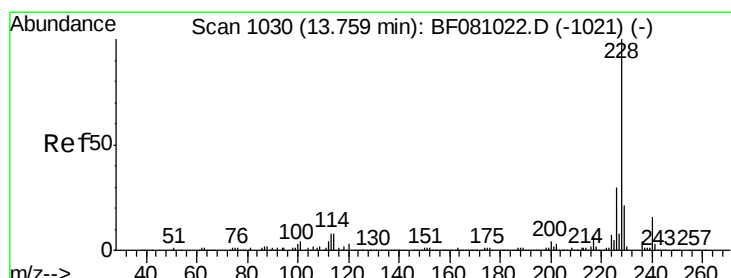
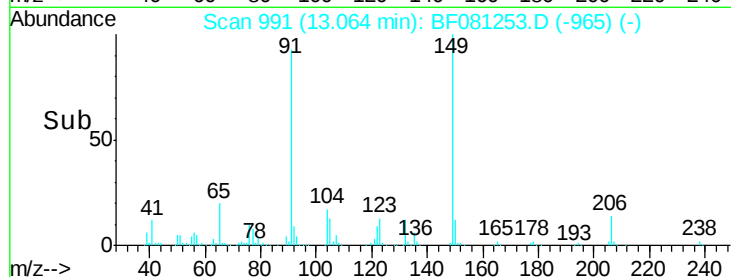
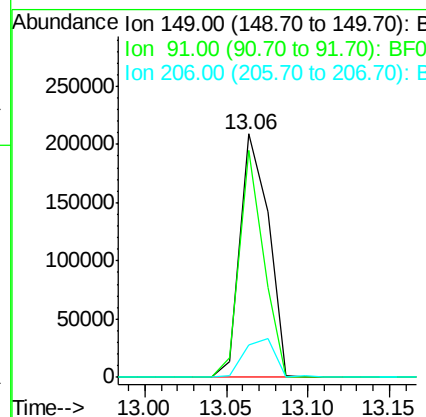
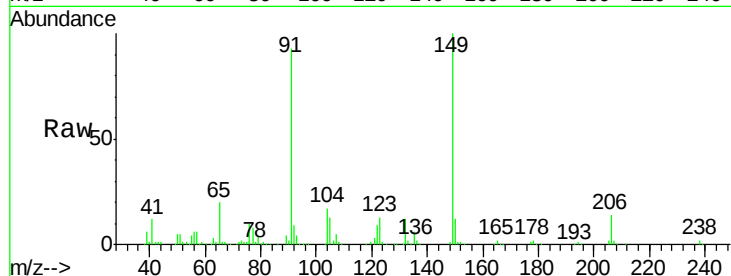
#79
Butylbenzylphthalate
Concen: 51.07 ng
RT: 13.06 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	93.1	46.9	70.3#
206	13.5	17.0	25.4#

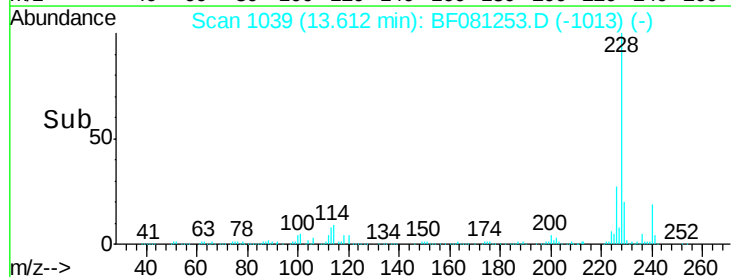
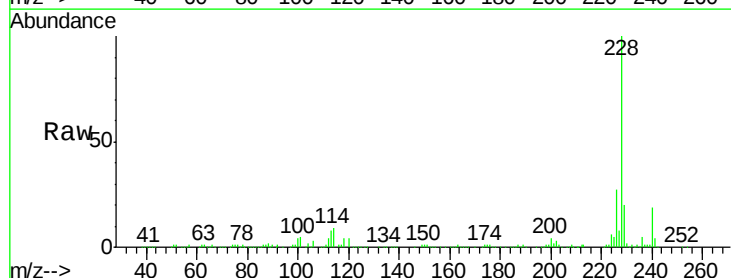
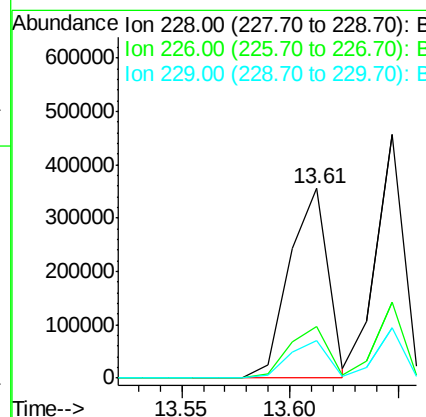
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#80
Benzo(a)anthracene
Concen: 46.48 ng
RT: 13.61 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.3	33.5
229	19.6	15.9	23.9





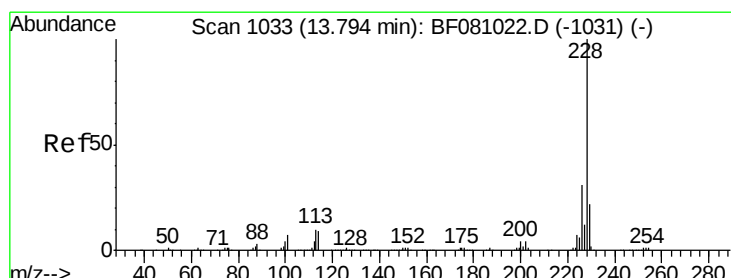
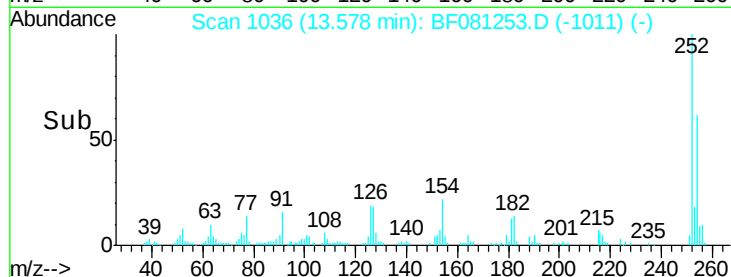
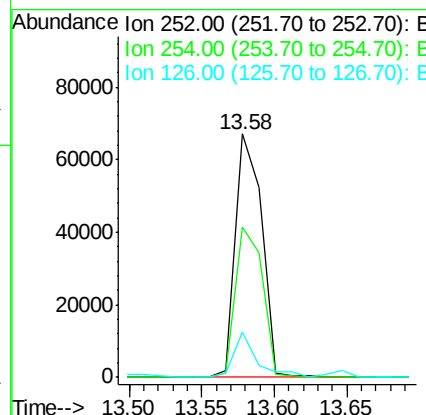
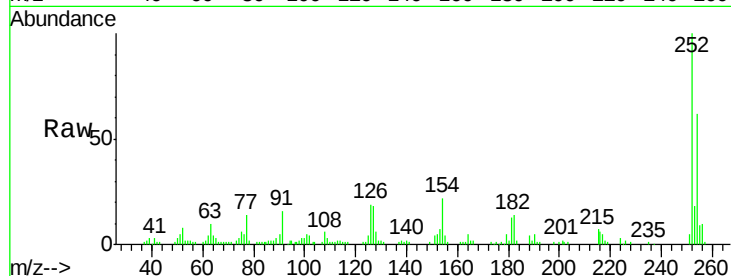
#81
 3,3'-Dichlorobenzidine
 Concen: 27.58 ng
 RT: 13.58 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	84552		
254	61.9	51.5	77.3	
126	18.7	12.5	18.7	

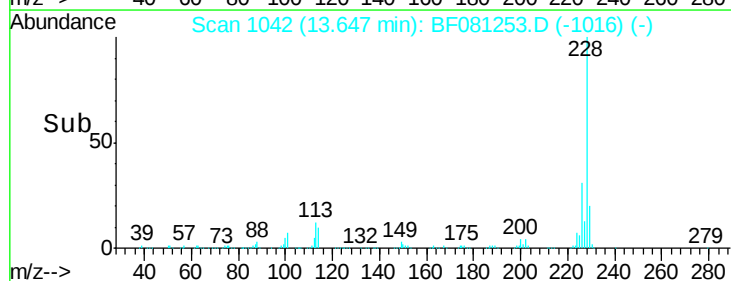
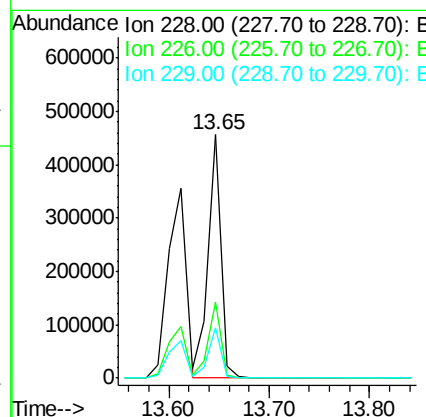
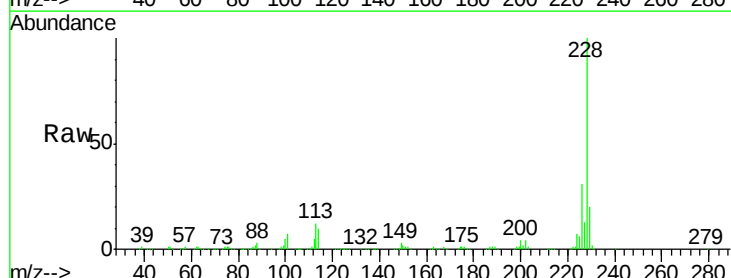
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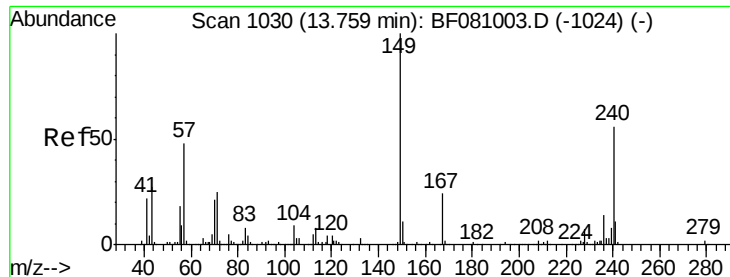
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#82
 Chrysene
 Concen: 47.64 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	406288		
226	31.4	24.4	36.6	
229	20.5	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.43 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

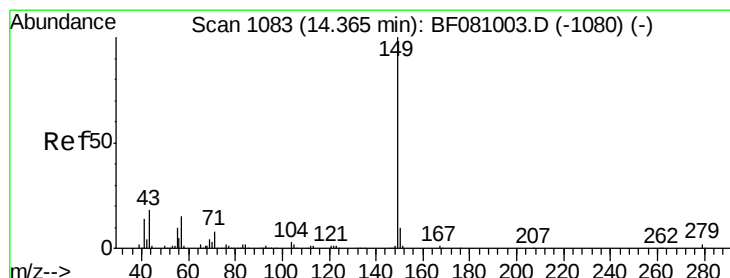
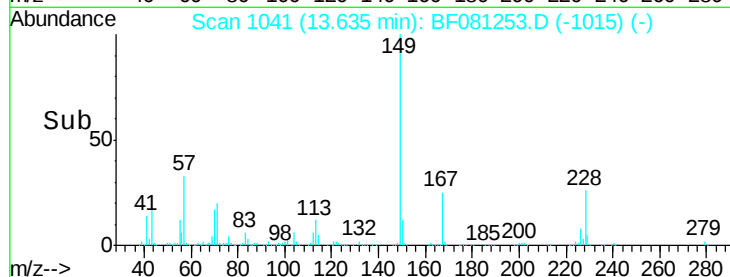
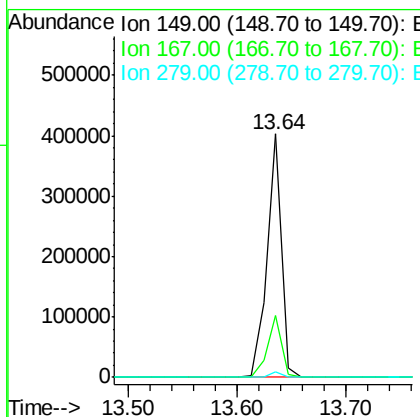
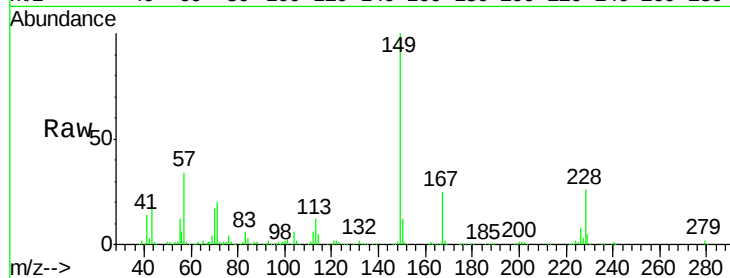
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion:	149	Resp:	375388
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.7	31.1
279	2.3	2.2	3.4

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#84

Di-n-octyl phthalate

Concen: 63.71 ng

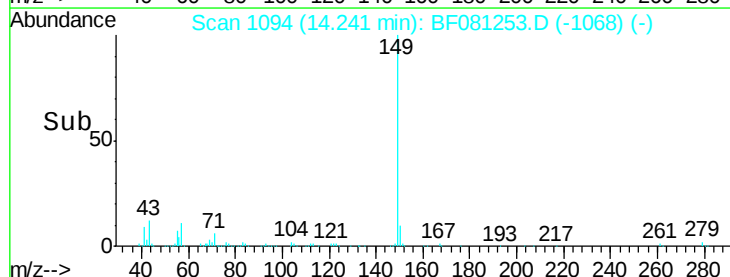
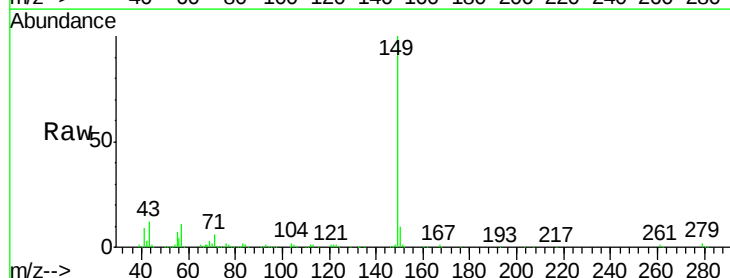
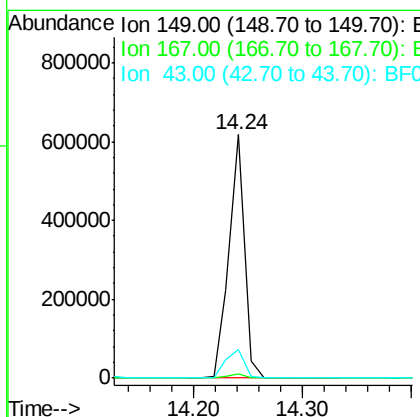
RT: 14.24 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion:	149	Resp:	611584
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	13.9	11.6	17.4





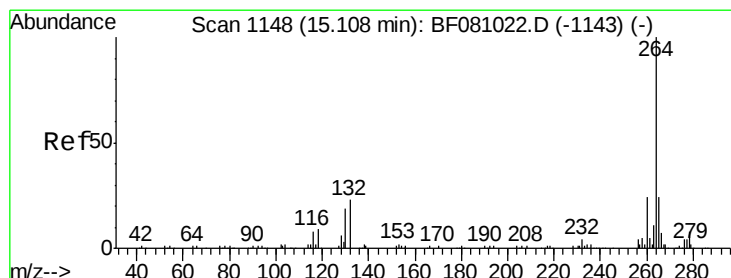
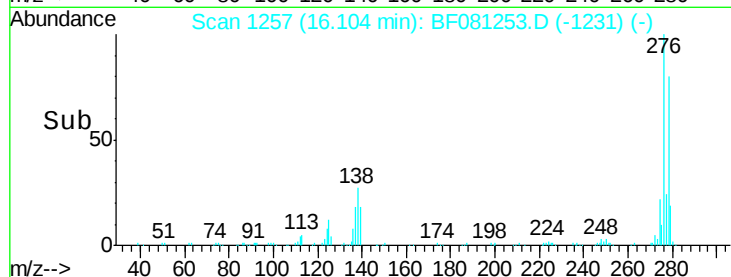
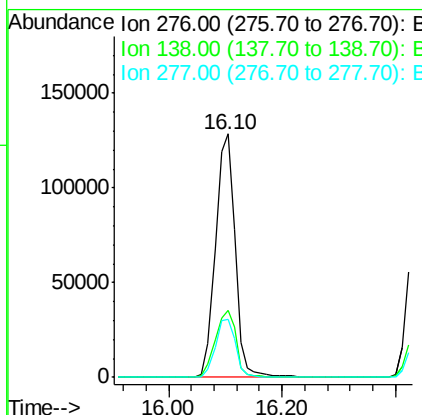
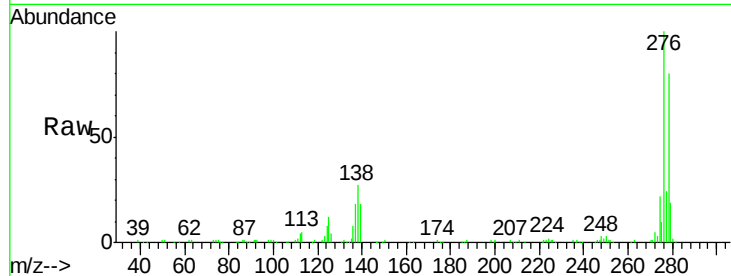
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.22 ng
 RT: 16.10 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	306716		
138	29.0	18.6	28.0#	
277	24.4	19.8	29.8	

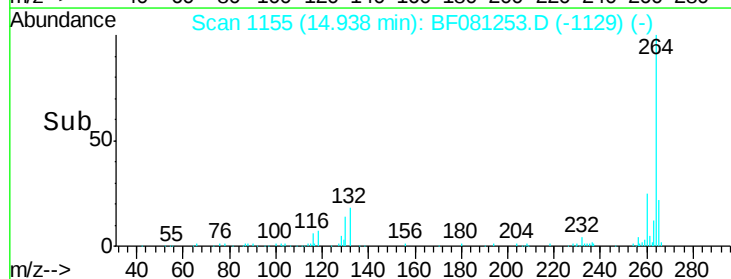
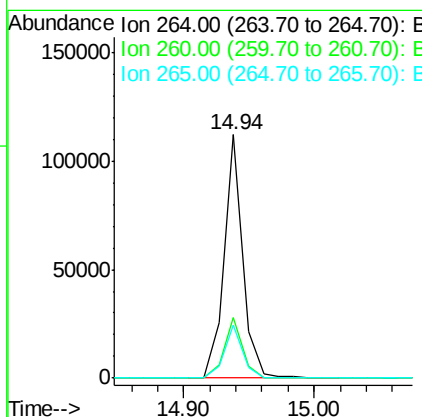
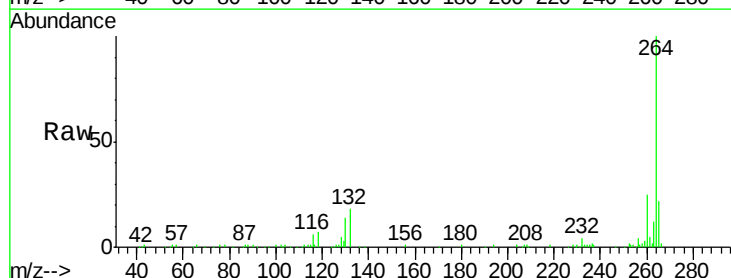
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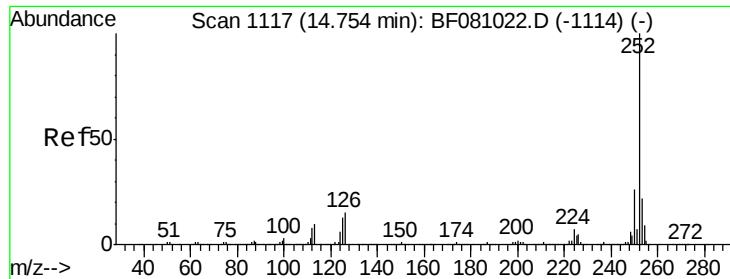
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	111693		
260	25.1	19.6	29.4	
265	21.7	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 42.56 ng m

RT: 14.60 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Instrument :

BNA_F

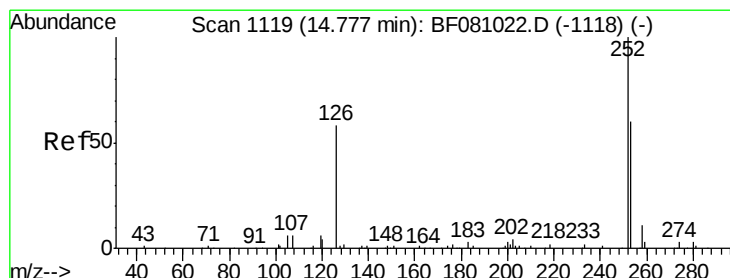
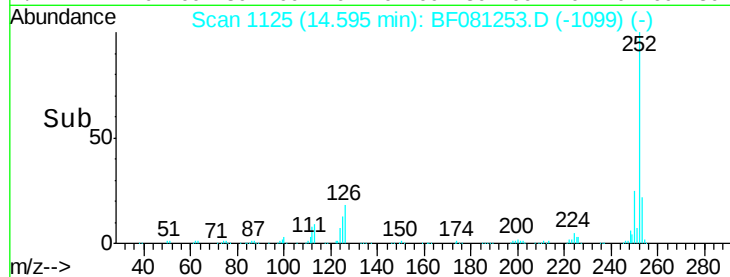
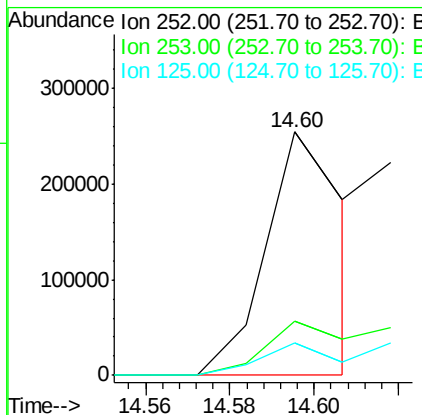
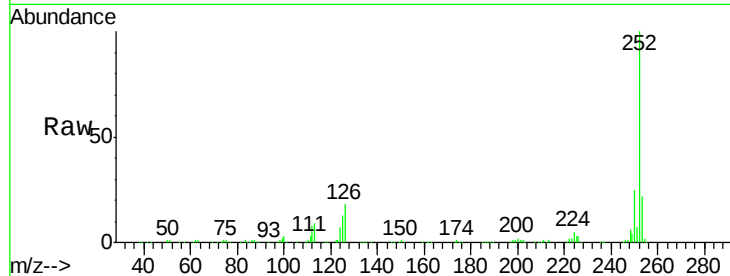
ClientSampleId :

VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	336245		
253	22.4	17.1	25.7	
125	13.3	8.0	12.0	

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#88

Benzo(k)fluoranthene

Concen: 46.78 ng m

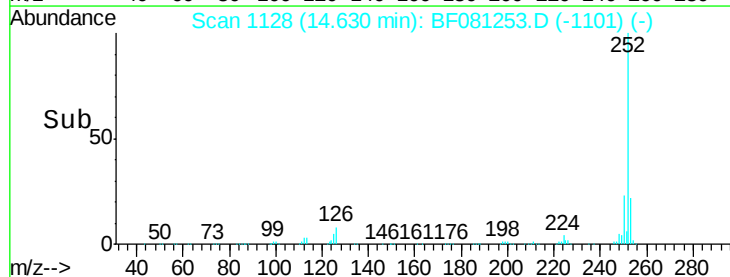
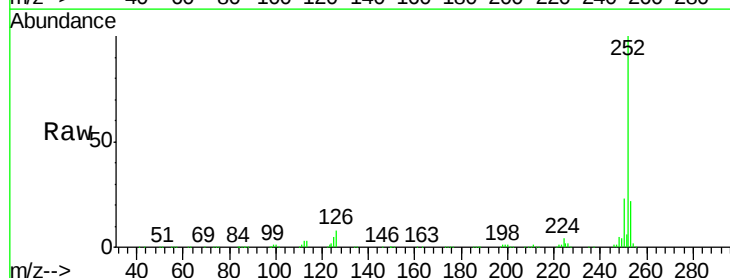
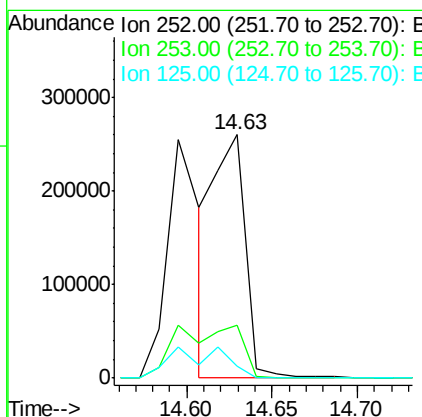
RT: 14.63 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF081253.D

Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	344386		
253	21.6	17.6	26.4	
125	4.9	10.3	15.5	





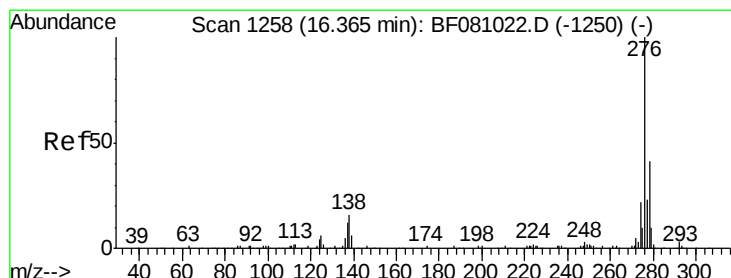
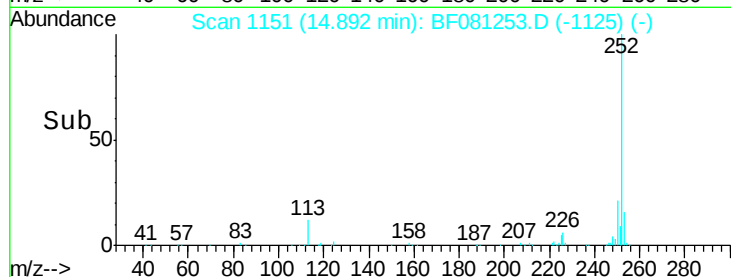
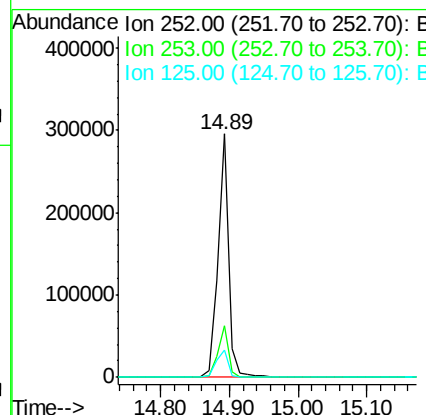
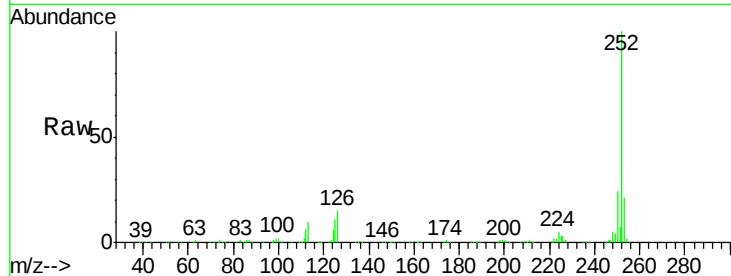
#89
Benzo(a)pyrene
Concen: 46.96 ng
RT: 14.89 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.4	16.6	25.0
125	11.3	7.8	11.8

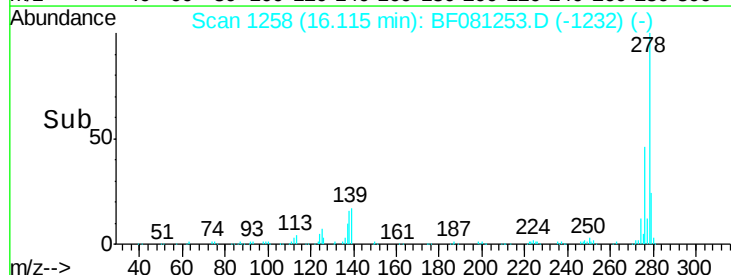
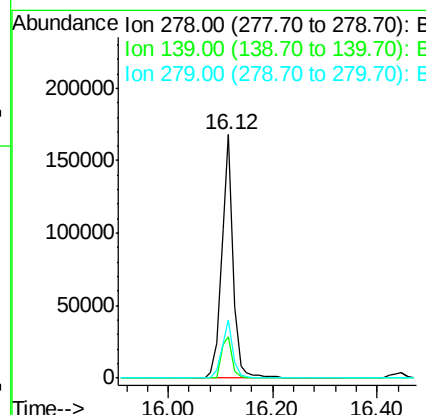
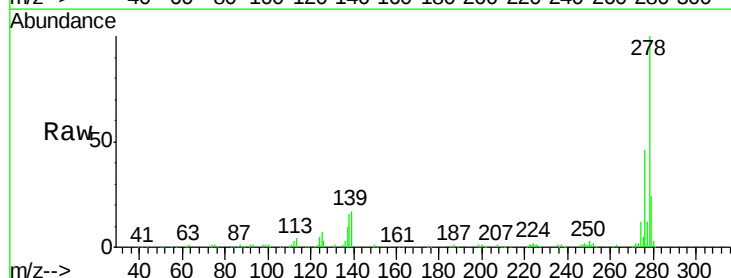
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#90
Dibenzo(a,h)anthracene
Concen: 47.37 ng
RT: 16.12 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF081253.D
Acq: 27 Aug 2015 18:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.2	10.8	16.2#
279	23.8	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 46.73 ng
 RT: 16.45 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF081253.D
 Acq: 27 Aug 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2AMSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	22.7	18.2	27.2
138	22.9	13.7	20.5

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