

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089650.D
 Acq On : 6 Aug 2016 4:43
 Operator : UM/SJ
 Sample : H4352-02MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Manual Integrations
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 8/8/2016 9:21:02 AM

Quant Time: Aug 08 04:43:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43902	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	181952	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	73808	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	108761	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	87989	20.00	ng	0.00
86) Perylene-d12	20.05	264	79083	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	393521	150.24	ng	0.06
7) Phenol-d6	7.00	99	464007	130.58	ng	0.02
23) Nitrobenzene-d5	8.36	82	357297	108.62	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	84257	138.33	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	613388	108.01	ng	0.00
78) Terphenyl-d14	17.05	244	364554	81.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	50192	33.43	ng	# 83
3) Pyridine	2.49	79	92115m	33.38	ng	
4) n-Nitrosodimethylamine	2.43	42	56951	47.36	ng	99
6) Aniline	7.02	93	37157m	8.07	ng	
8) 2-Chlorophenol	7.13	128	168117	52.28	ng	98
9) Benzaldehyde	6.76	77	27457	21.30	ng	91
10) Phenol	7.02	94	179589	49.23	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	162648	51.89	ng	99
12) 1,3-Dichlorobenzene	7.35	146	166820	47.76	ng	99
13) 1,4-Dichlorobenzene	7.47	146	166653	47.84	ng	99
14) 1,2-Dichlorobenzene	7.70	146	167104	45.51	ng	100
15) Benzyl Alcohol	7.74	79	132230	56.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	192245	48.17	ng	# 55
17) 2-Methylphenol	7.95	107	123103	53.01	ng	93
18) Hexachloroethane	8.23	117	62994	42.91	ng	92
19) n-Nitroso-di-n-propylamine	8.17	70	127532	49.68	ng	96
20) 3+4-Methylphenols	8.22	107	156691	53.45	ng	99
22) Acetophenone	8.12	105	206320	47.57	ng	97
24) Nitrobenzene	8.39	77	178137	57.01	ng	98
25) Isophorone	8.79	82	332076	52.72	ng	100
26) 2-Nitrophenol	8.89	139	81291	56.69	ng	98
27) 2,4-Dimethylphenol	9.04	122	146432	56.80	ng	96
28) bis(2-Chloroethoxy)methane	9.16	93	207285	54.39	ng	99
29) 2,4-Dichlorophenol	9.31	162	129666	53.16	ng	97
30) 1,2,4-Trichlorobenzene	9.40	180	139803	50.18	ng	98
31) Naphthalene	9.51	128	493691	51.05	ng	100
32) Benzoic acid	9.36	122	57687	35.62	ng	98
33) 4-Chloroaniline	9.69	127	22248	6.13	ng	96
34) Hexachlorobutadiene	9.72	225	75939	47.34	ng	98
35) Caprolactam	10.28	113	28446m	40.01	ng	
36) 4-Chloro-3-methylphenol	10.51	107	138815	48.96	ng	96
37) 2-Methylnaphthalene	10.63	142	298733	50.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	116645	42.05	ng	100
40) Hexachlorocyclopentadiene	10.89	237	31359	38.02	ng	99

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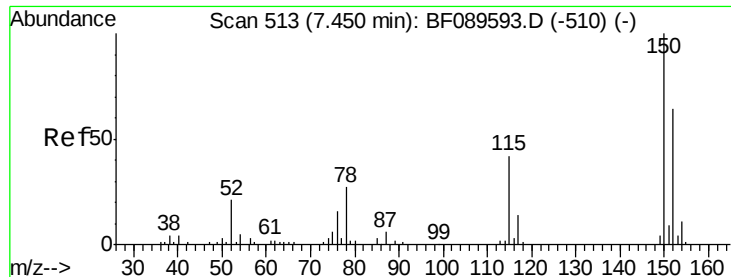
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Quant Time: Aug 08 04:43:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	83365	60.93	ng	97
43) 2,4,5-Trichlorophenol	11.21	196	87317	59.71	ng	98
45) 1,1'-Biphenyl	11.40	154	327249	49.16	ng	100
46) 2-Chloronaphthalene	11.42	162	268789	53.86	ng	99
47) 2-Nitroaniline	11.62	65	81915	50.92	ng	94
48) Acenaphthylene	12.07	152	419335	51.01	ng	100
49) Dimethylphthalate	11.97	163	336331	58.14	ng	99
50) 2,6-Dinitrotoluene	12.05	165	66914	58.17	ng	90
51) Acenaphthene	12.35	154	247744	52.18	ng	99
52) 3-Nitroaniline	12.32	138	21572	15.68	ng	93
53) 2,4-Dinitrophenol	12.51	184	29571	63.69	ng	98
54) Dibenzofuran	12.64	168	368096	56.39	ng	100
55) 4-Nitrophenol	12.69	139	56915	80.01	ng	# 69
56) 2,4-Dinitrotoluene	12.70	165	85538	52.87	ng	90
57) Fluorene	13.19	166	278821	49.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	63513	57.21	ng	97
59) Diethylphthalate	13.11	149	335344	56.05	ng	99
60) 4-Chlorophenyl-phenylether	13.22	204	130753	51.11	ng	96
61) 4-Nitroaniline	13.31	138	45135	36.49	ng	98
62) Azobenzene	13.47	77	327389	56.58	ng	92
64) 4,6-Dinitro-2-methylphenol	13.37	198	25089	38.85	ng	86
65) n-Nitrosodiphenylamine	13.44	169	229269	62.41	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	68638	65.25	ng	97
67) Hexachlorobenzene	14.07	284	64307	55.57	ng	98
68) Atrazine	14.35	200	57125	55.70	ng	97
69) Pentachlorophenol	14.42	266	57389	113.98	ng	99
70) Phenanthrene	14.73	178	341150	57.69	ng	99
71) Anthracene	14.81	178	351044	55.36	ng	99
72) Carbazole	15.11	167	293243	55.49	ng	99
73) Di-n-butylphthalate	15.70	149	431831	60.42	ng	99
74) Fluoranthene	16.49	202	322605	53.07	ng	99
76) Benzidine	16.75	184	4604	1.73	ng	# 67
77) Pyrene	16.80	202	328096	42.18	ng	99
79) Butylbenzylphthalate	17.73	149	158539	47.89	ng	100
80) Benzo(a)anthracene	18.38	228	281238	55.63	ng	98
81) 3,3'-Dichlorobenzidine	18.37	252	30938	19.42	ng	96
82) Chrysene	18.42	228	288644	54.42	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	221388	48.30	ng	100
84) Di-n-octyl phthalate	19.25	149	400307	60.69	ng	99
85) Indeno(1,2,3-cd)pyrene	21.23	276	221936	55.11	ng	100
87) Benzo(b)fluoranthene	19.65	252	254635	52.35	ng	# 97
88) Benzo(k)fluoranthene	19.68	252	284469m	57.97	ng	
89) Benzo(a)pyrene	19.99	252	245677	53.95	ng	# 96
90) Dibenzo(a,h)anthracene	21.25	278	192682	45.29	ng	97
91) Benzo(g,h,i)perylene	21.57	276	174175	39.99	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

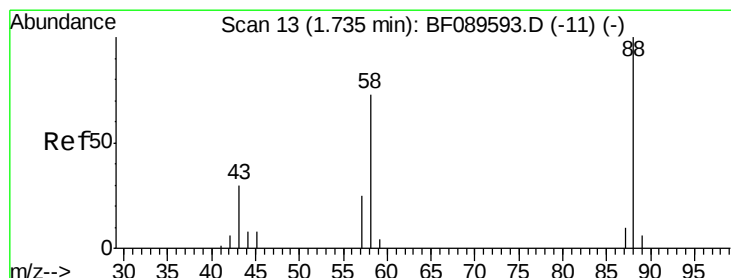
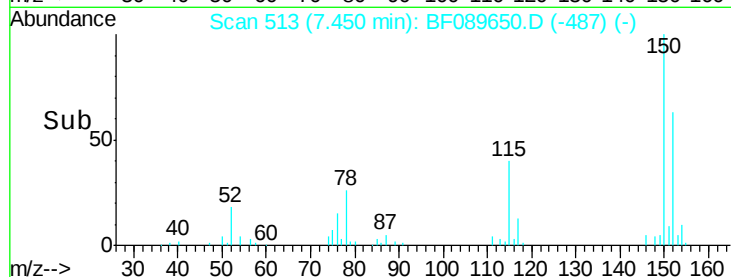
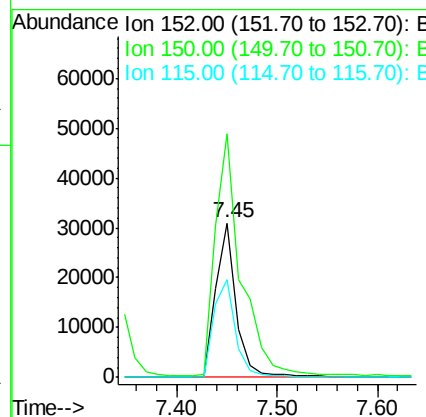
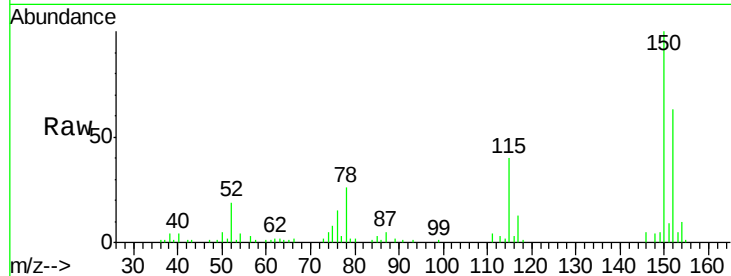
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.5	188.3
115	63.2	52.0	78.0

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#2

1,4-Dioxane

Concen: 33.43 ng

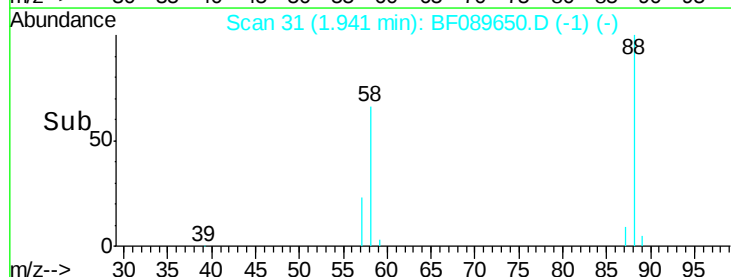
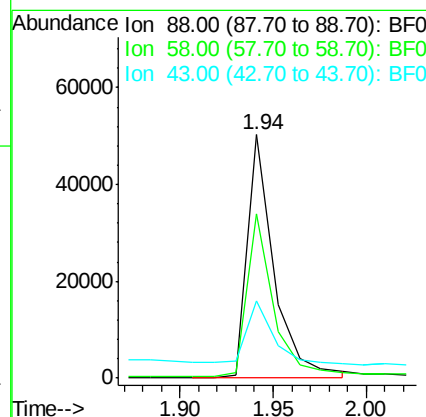
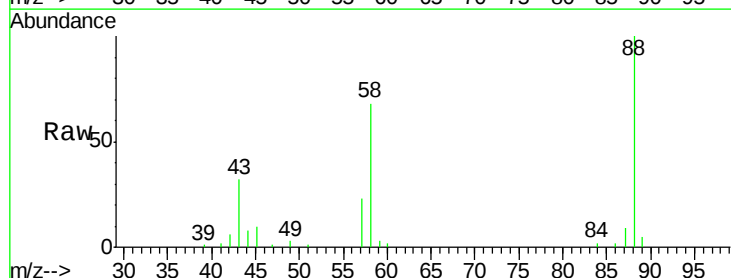
RT: 1.94 min Scan# 31

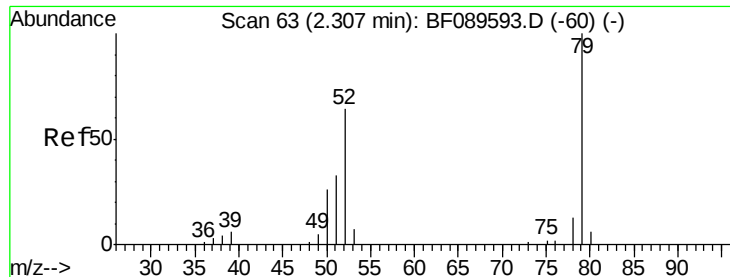
Delta R.T. 0.21 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	49.8	74.8
43	0.0	20.1	30.1#





#3

Pyridine

Concen: 33.38 ng m

RT: 2.49 min Scan# 79

Delta R.T. 0.18 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

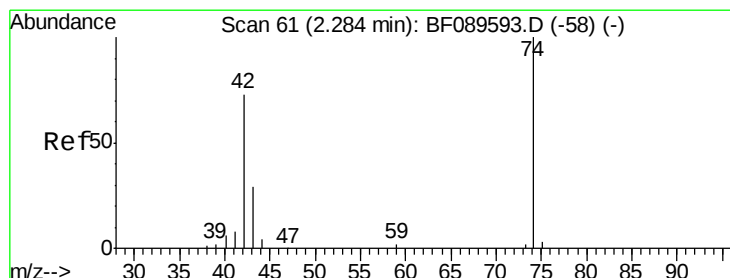
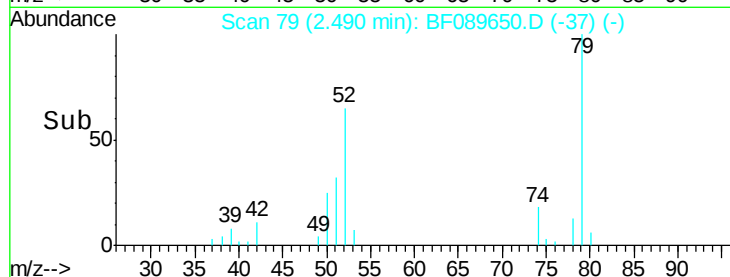
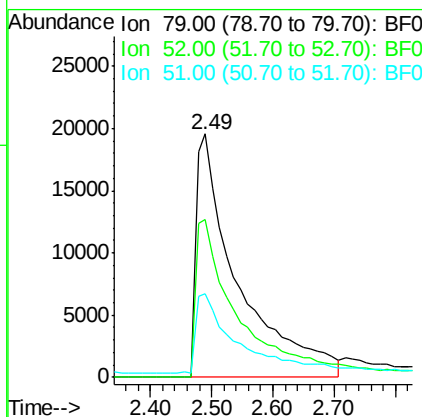
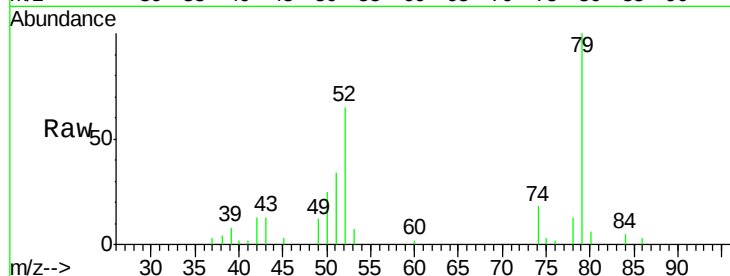
ClientSampleId :

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Tgt Ion:	79	Resp:	92115
Ion	Ratio	Lower	Upper
79	100		
52	64.7	51.0	76.4
51	34.3	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 47.36 ng

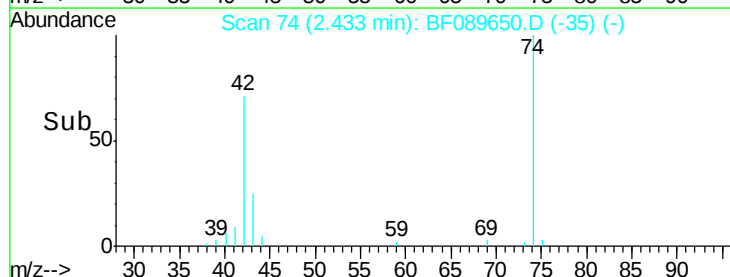
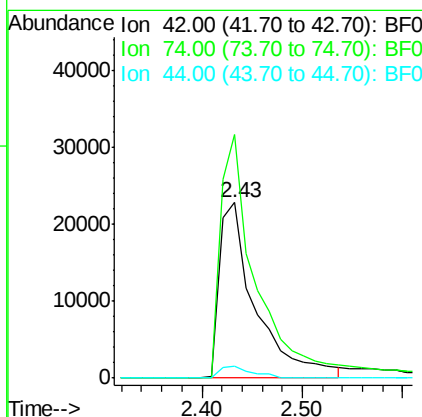
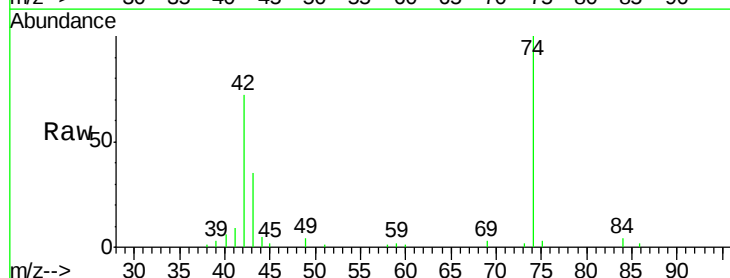
RT: 2.43 min Scan# 74

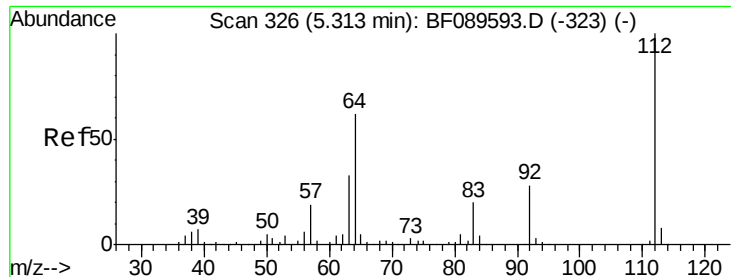
Delta R.T. 0.15 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:	42	Resp:	56951
Ion	Ratio	Lower	Upper
42	100		
74	138.9	110.0	165.0
44	6.6	4.8	7.2





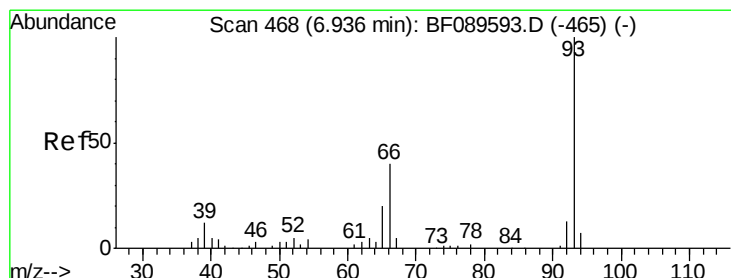
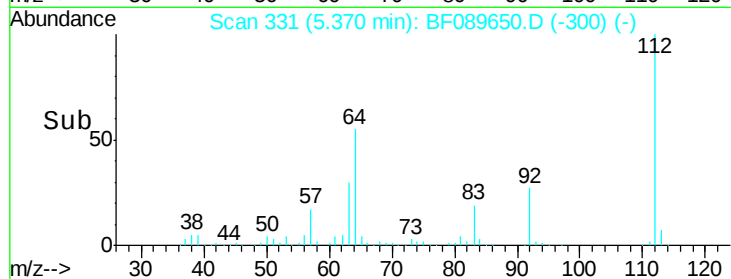
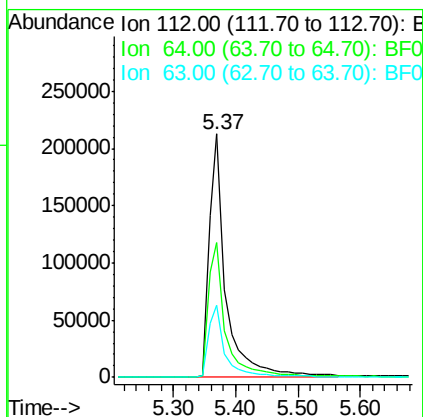
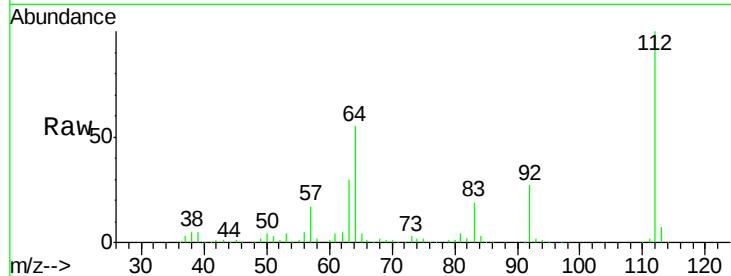
#5
2-Fluorophenol
Concen: 150.24 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.06 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

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BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	55.4	49.9	74.9
63	29.8	26.1	39.1

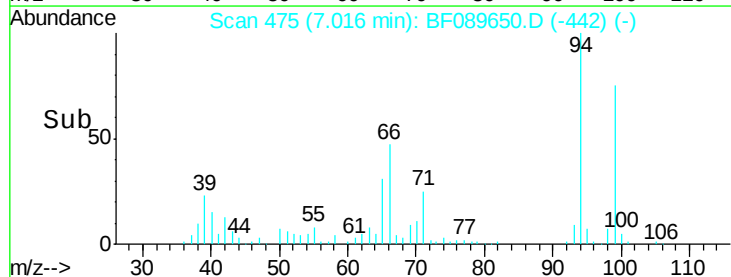
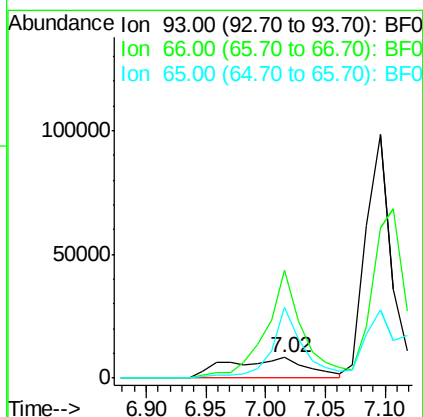
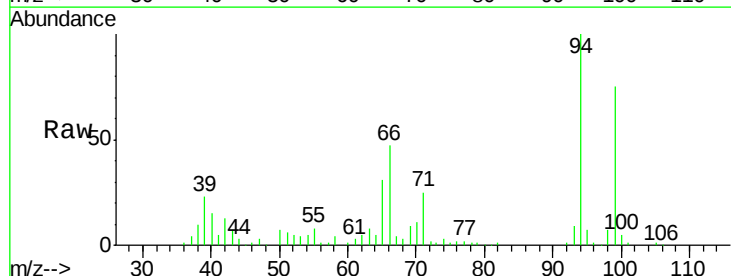
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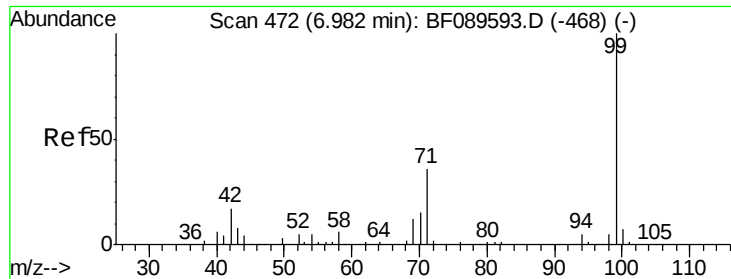
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#6
Aniline
Concen: 8.07 ng m
RT: 7.02 min Scan# 475
Delta R.T. 0.08 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	528.3	32.2	48.2#
65	347.3	15.8	23.8#





#7

Phenol-d6

Concen: 130.58 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.02 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

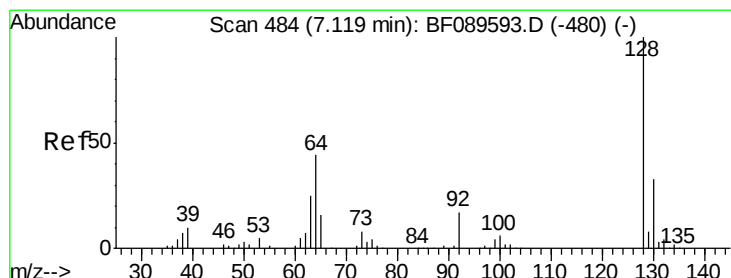
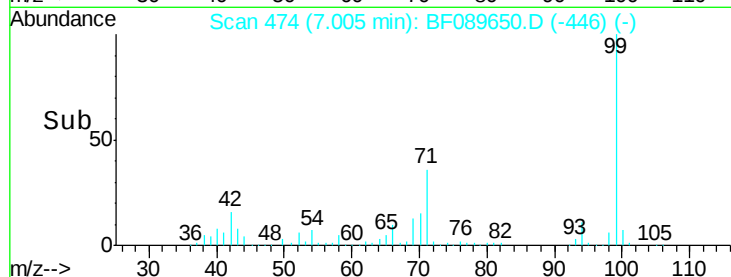
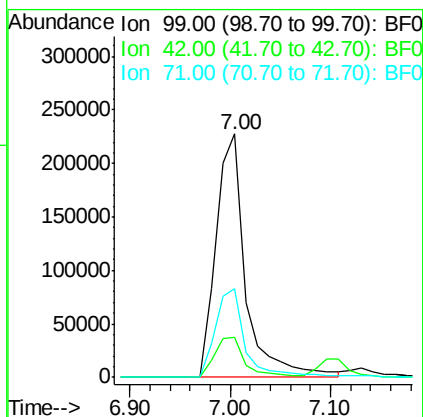
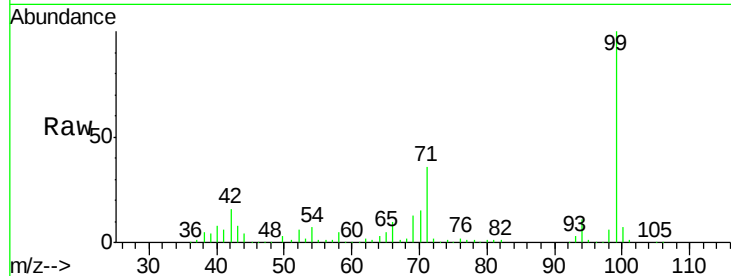
ClientSampleId :

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Tgt Ion:	99	Resp:	464007
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.7	20.5
71	36.3	29.0	43.4

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#8

2-Chlorophenol

Concen: 52.28 ng

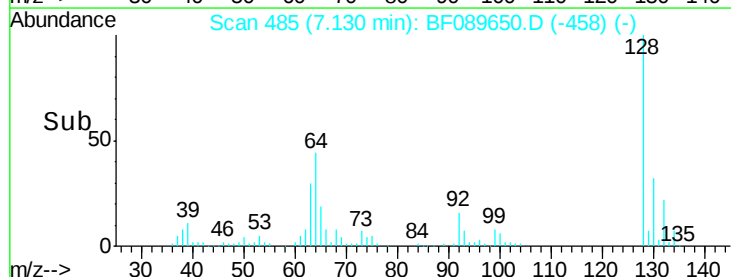
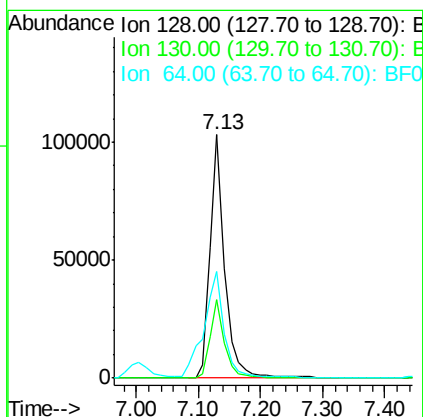
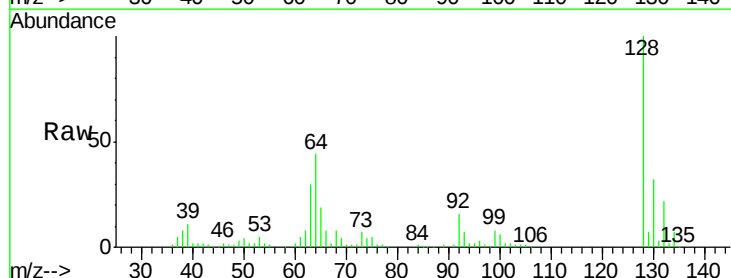
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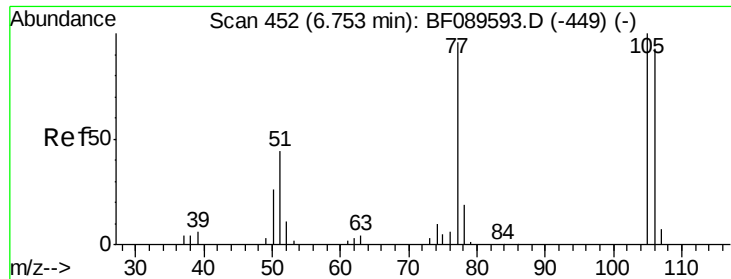
Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:	128	Resp:	168117
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.6	52.6
64	43.6	25.3	65.3





#9

Benzaldehyde

Concen: 21.30 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

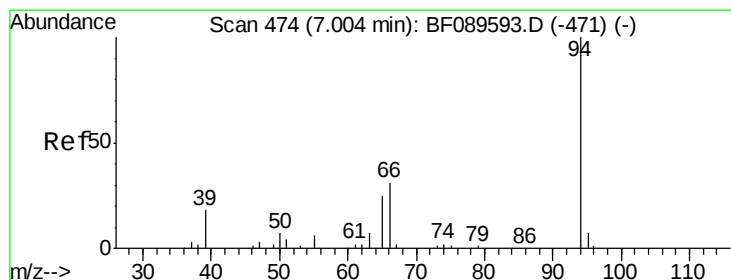
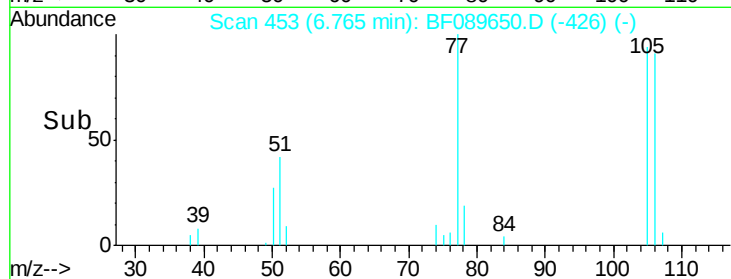
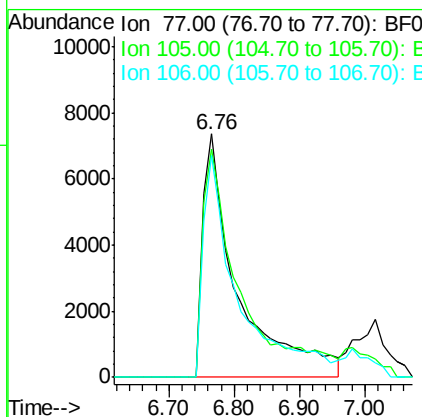
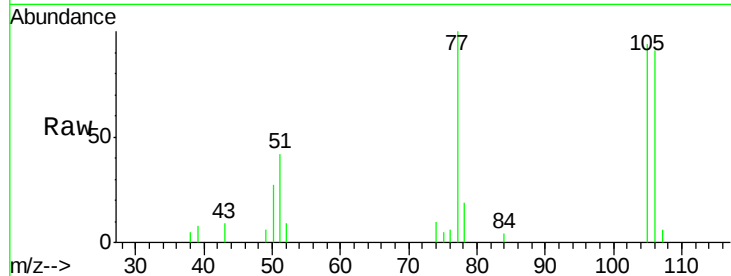
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:	77	Resp:	27457
Ion	Ratio	Lower	Upper
77	100		
105	93.9	84.7	124.7
106	90.9	77.1	117.1

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#10

Phenol

Concen: 49.23 ng

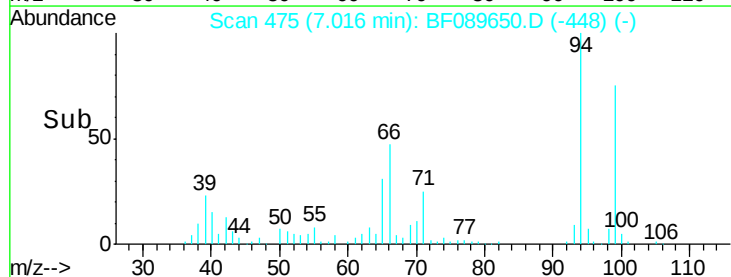
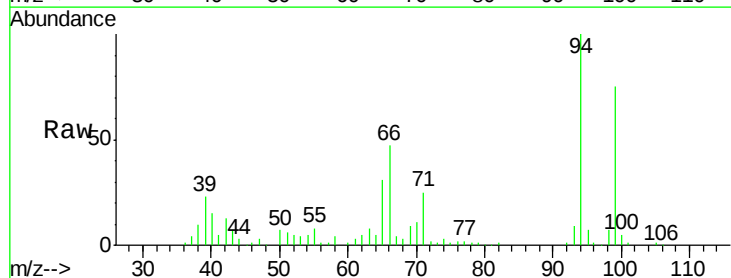
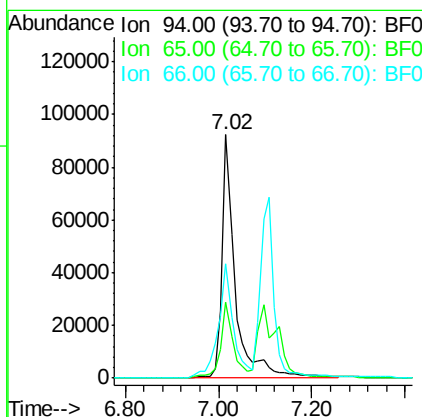
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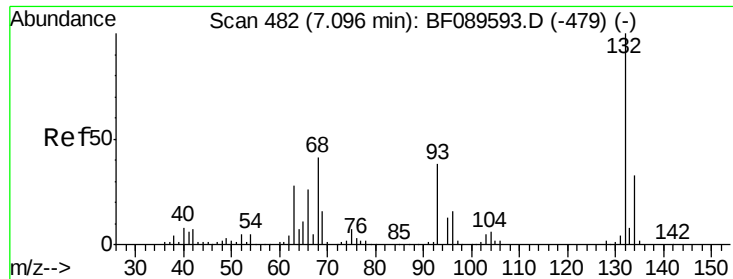
Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:	94	Resp:	179589
Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.0	51.0
66	47.1	27.4	67.4





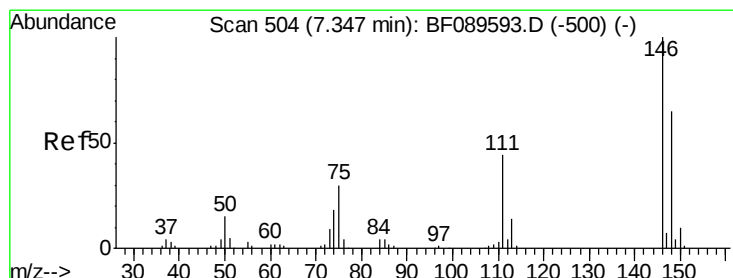
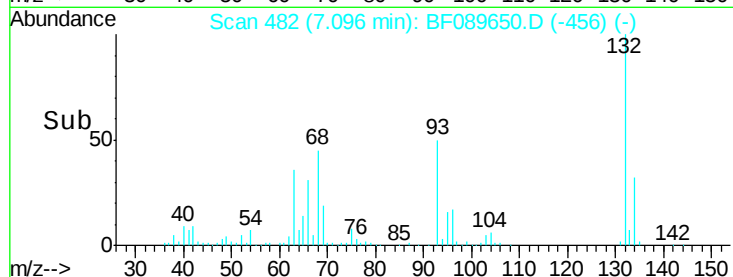
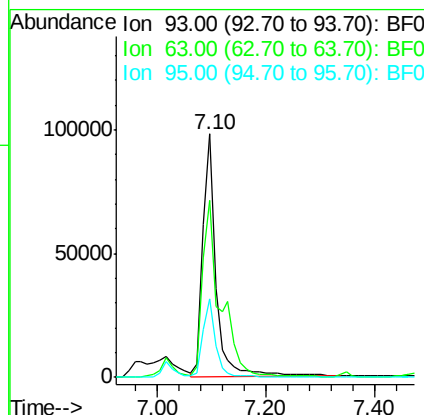
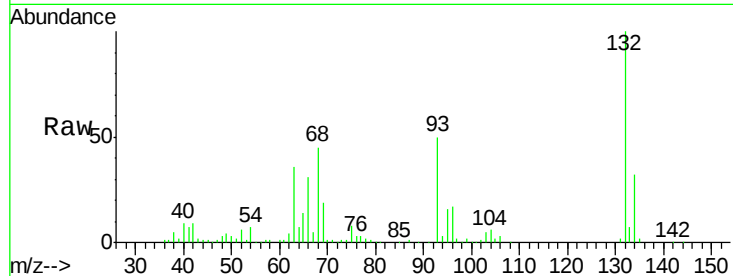
#11
bis(2-Chloroethyl)ether
Concen: 51.89 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	162648		
63	72.6	52.2	92.2	
95	32.2	13.1	53.1	

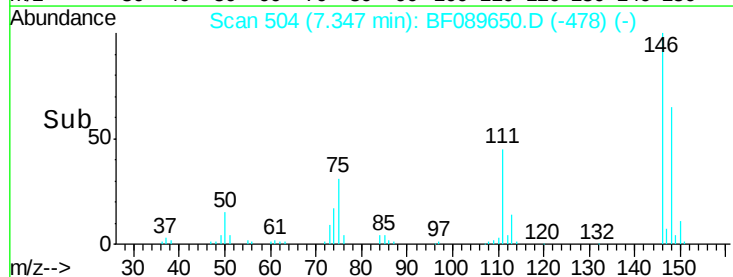
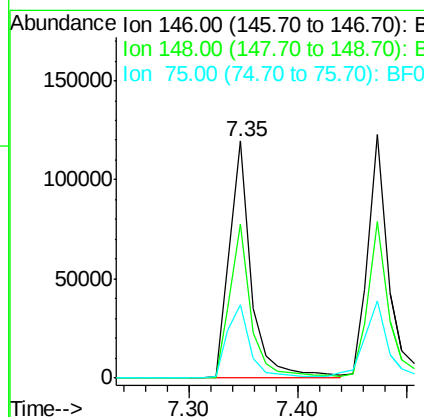
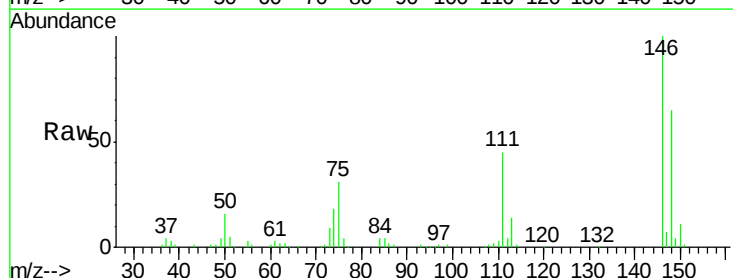
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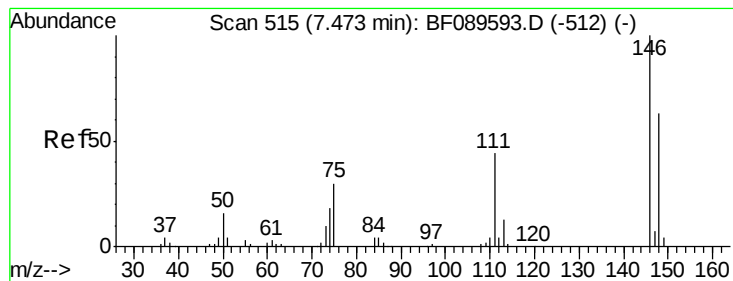
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#12
1,3-Dichlorobenzene
Concen: 47.76 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166820		
148	65.2	52.1	78.1	
75	31.1	24.1	36.1	





#13

1,4-Dichlorobenzene

Concen: 47.84 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

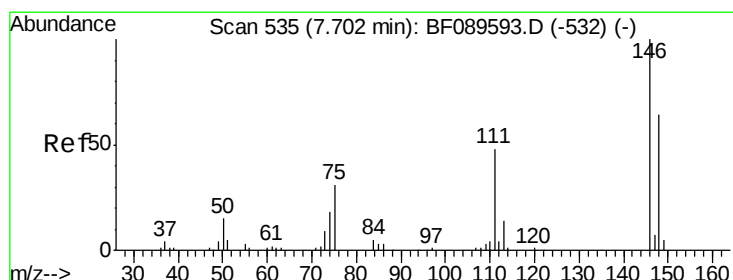
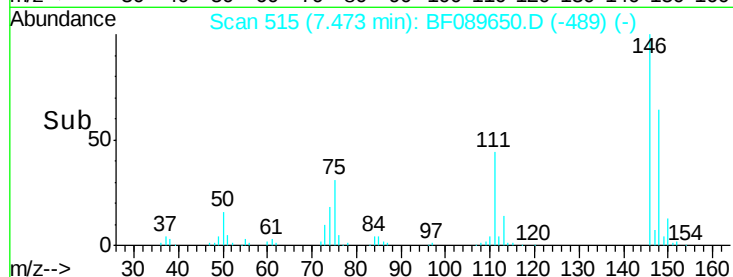
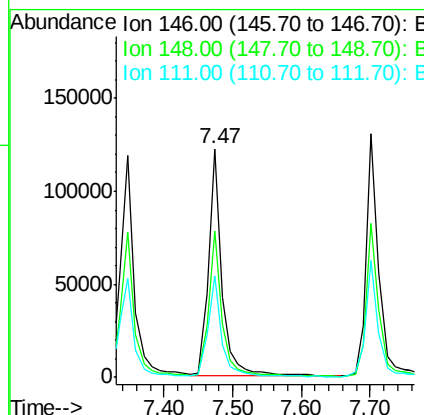
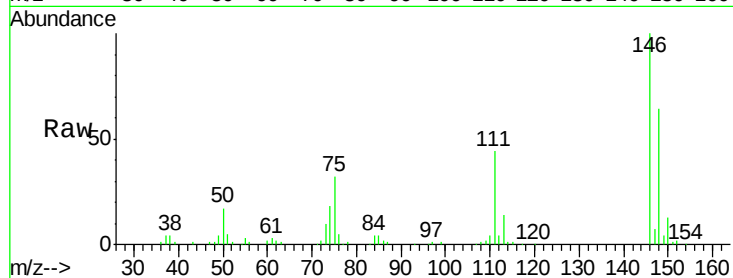
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:	146	Resp:	166653
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.4	75.6
111	44.3	35.0	52.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 45.51 ng

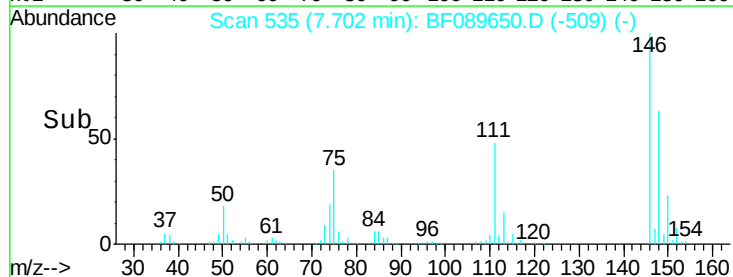
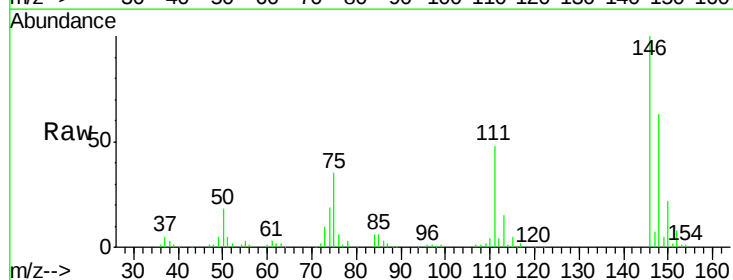
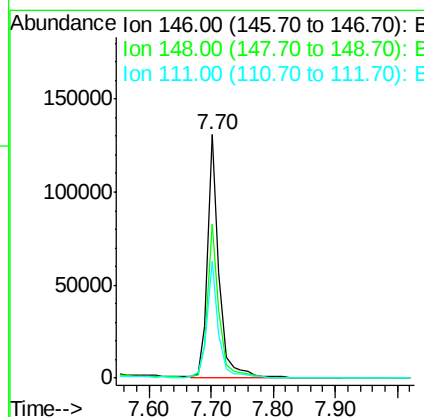
RT: 7.70 min Scan# 535

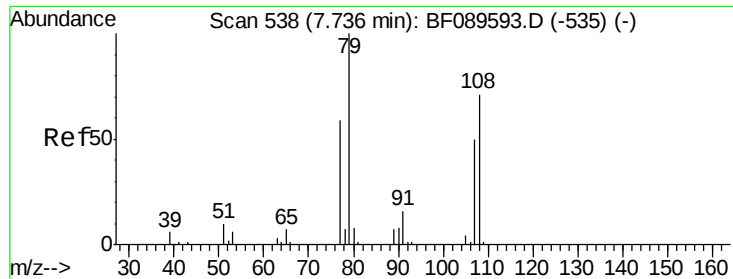
Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:	146	Resp:	167104
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.0	76.6
111	47.8	38.5	57.7





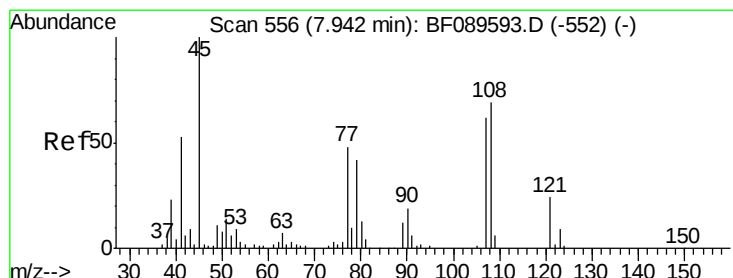
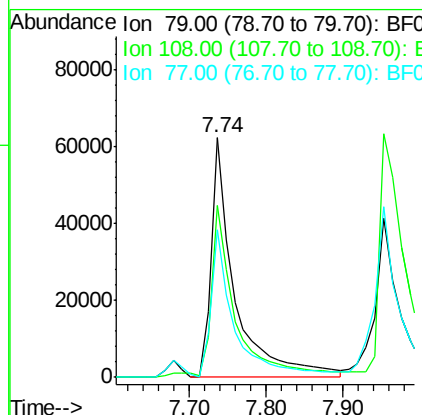
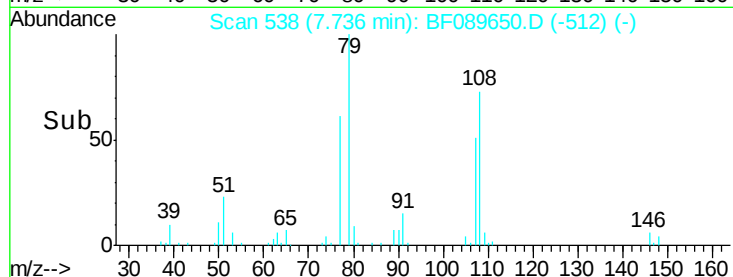
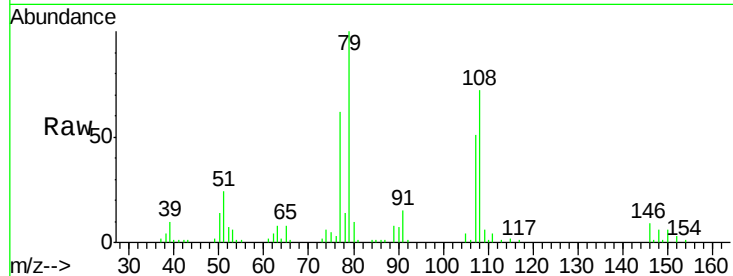
#15
Benzyl Alcohol
Concen: 56.75 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion: 79 Resp: 132230
Ion Ratio Lower Upper
79 100
108 71.9 58.3 87.5
77 61.5 48.7 73.1

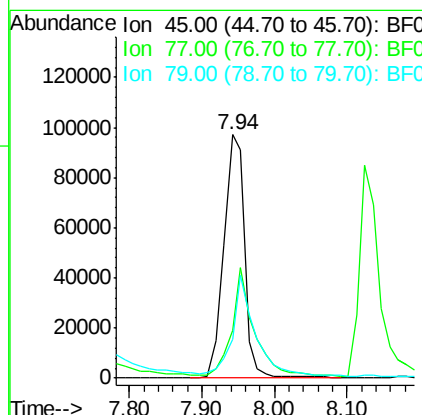
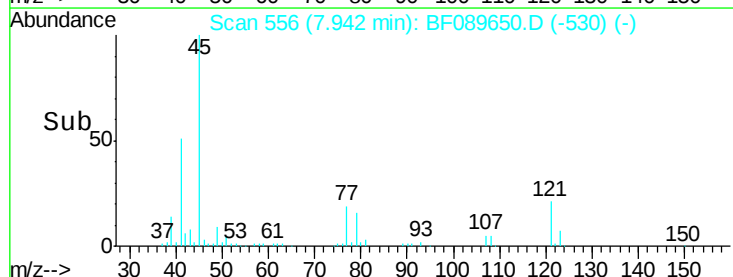
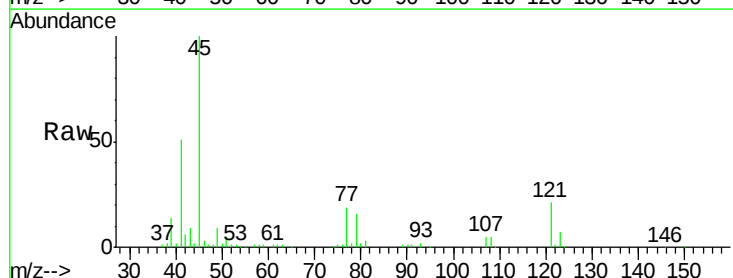
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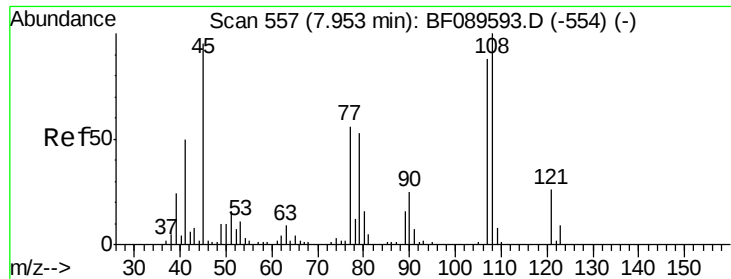
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.17 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion: 45 Resp: 192245
Ion Ratio Lower Upper
45 100
77 19.4 30.1 70.1#
79 15.8 25.5 65.5#





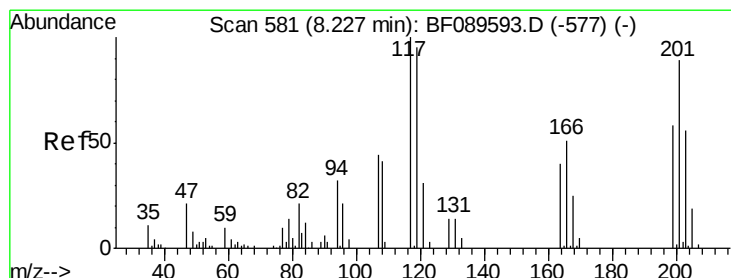
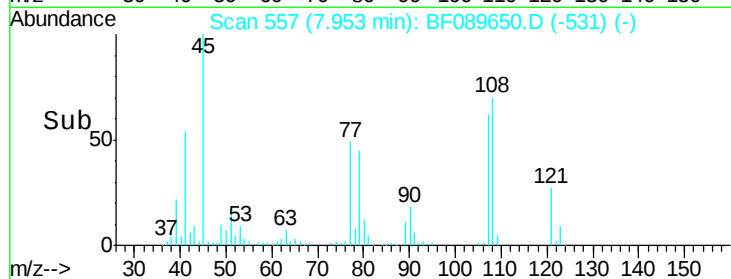
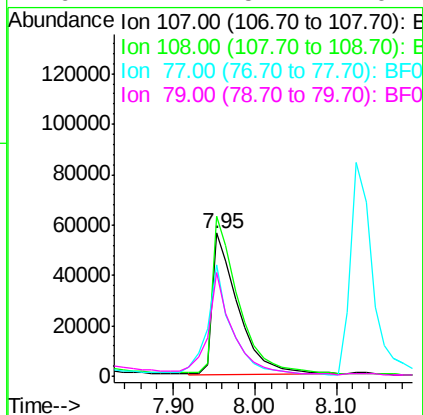
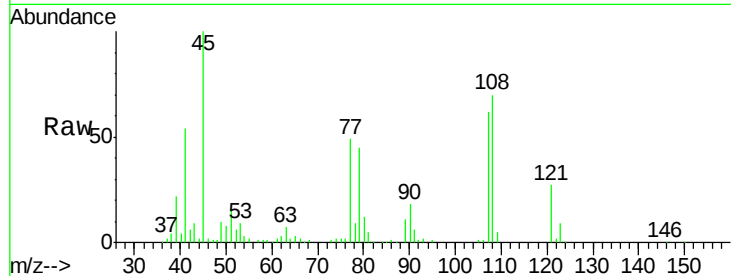
#17
2-Methylphenol
Concen: 53.01 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion:	107	Resp:	123103
Ion Ratio	Lower	Upper	
107	100		
108	111.6	91.2	136.8
77	78.0	54.6	82.0
79	72.7	52.7	79.1

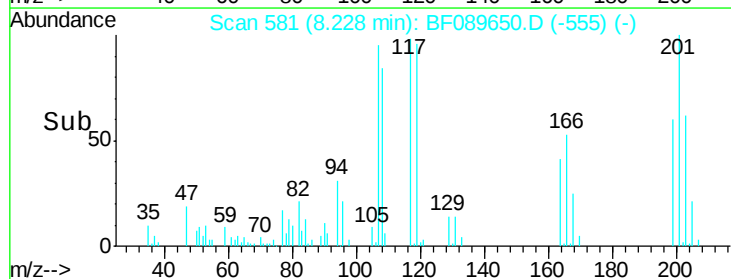
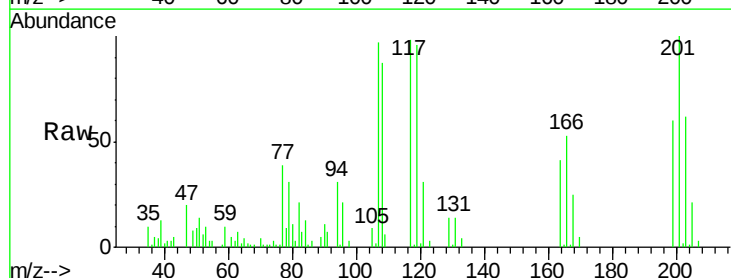
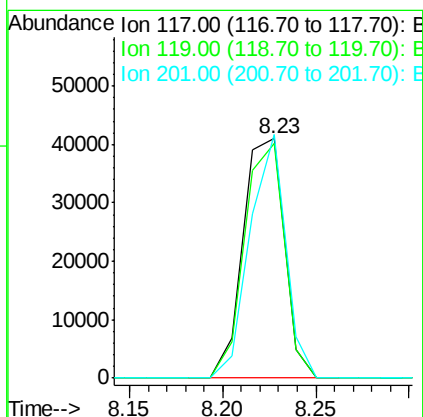
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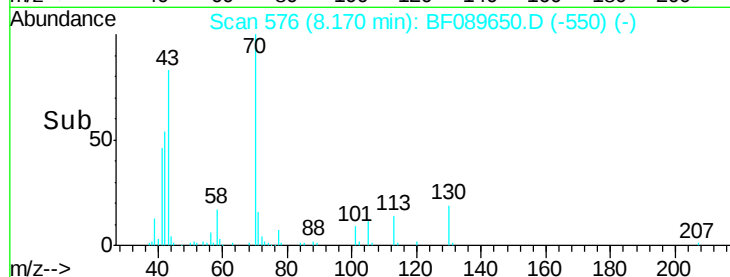
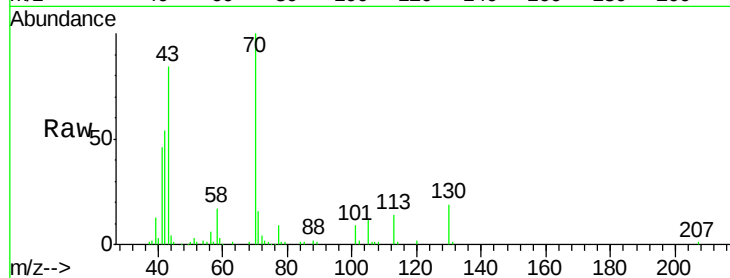
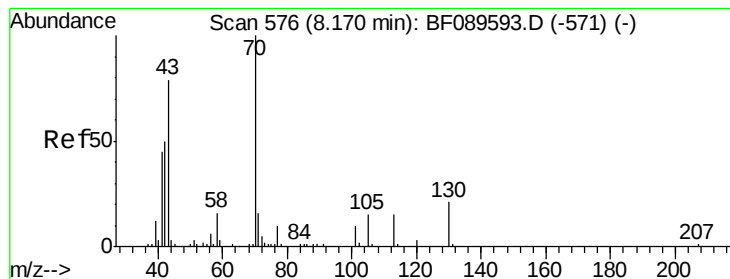
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#18
Hexachloroethane
Concen: 42.91 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion:	117	Resp:	62994
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.7	113.5
201	101.8	71.6	107.4





#19

n-Nitroso-di-n-propylamine

Concen: 49.68 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion	Ion	Resp	Lower	Upper
70	100	127532		
42	54.1	40.2	60.2	
101	9.3	7.8	11.6	
130	19.5	16.4	24.6	

Instrument :

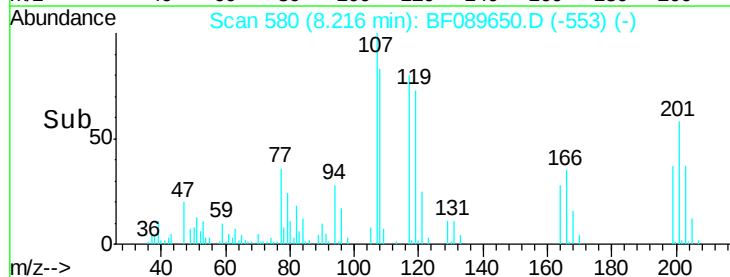
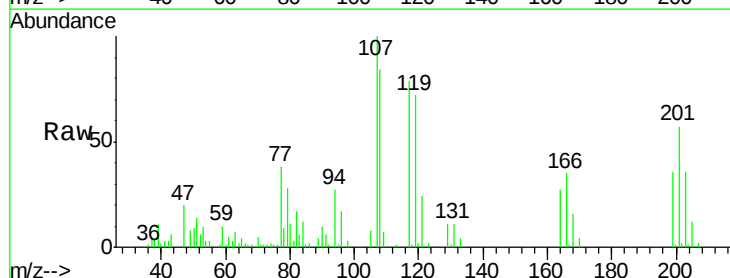
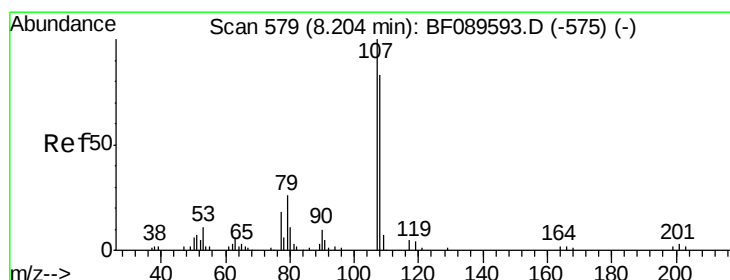
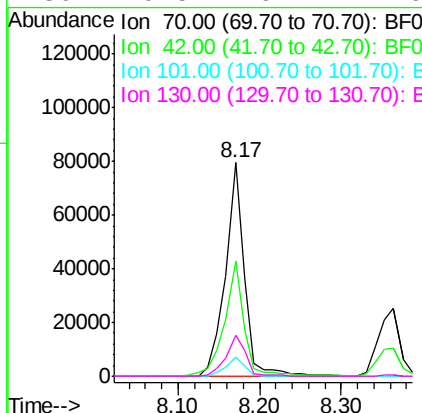
BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

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#20

3+4-Methylphenols

Concen: 53.45 ng

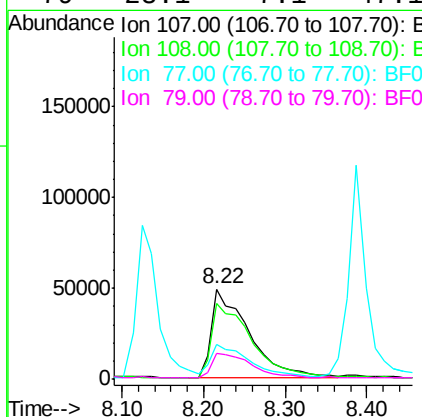
RT: 8.22 min Scan# 580

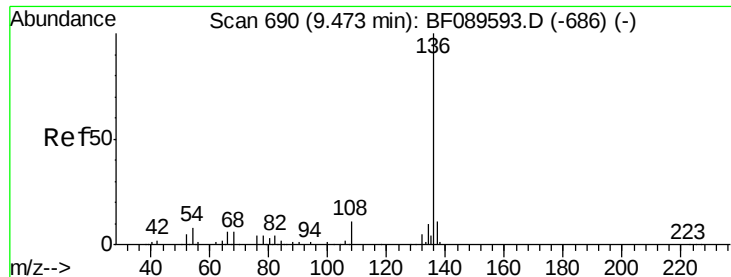
Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion	Ion	Resp	Lower	Upper
107	100	156691		
108	83.7	63.8	103.8	
77	38.3	19.5	59.5	
79	28.1	7.1	47.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

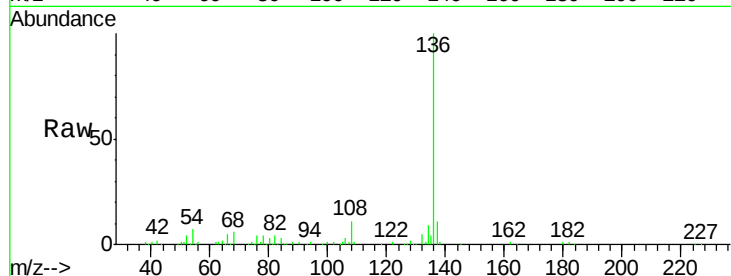
ClientSampleId :

WASTE-GAC-VPMSD

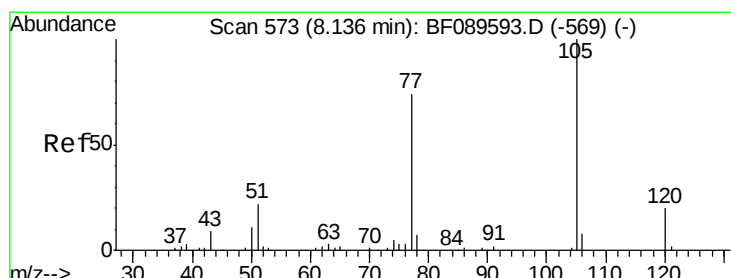
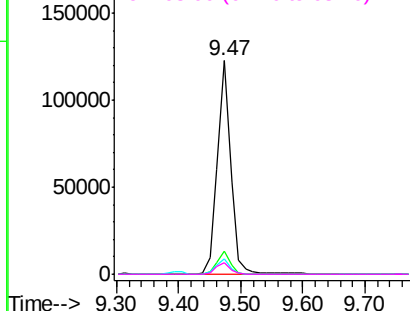
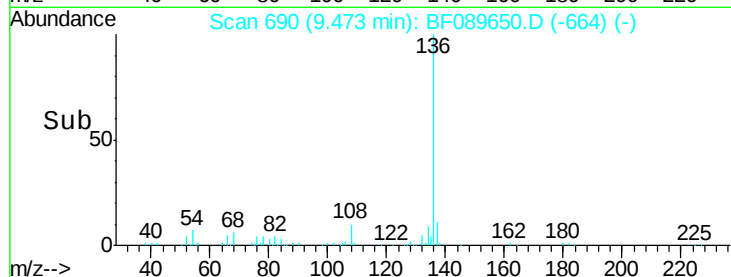
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	181952		
137	10.5	8.6	12.8	
54	7.1	6.0	9.0	
68	5.6	4.6	6.8	

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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: 47.57 ng

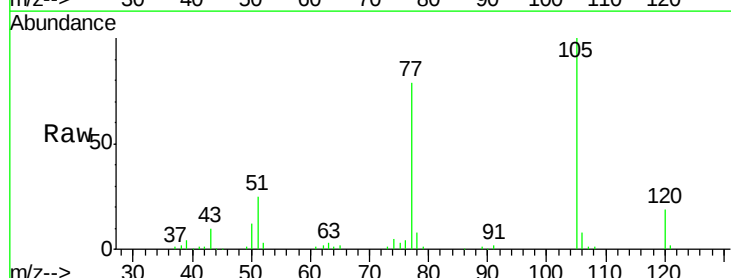
RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

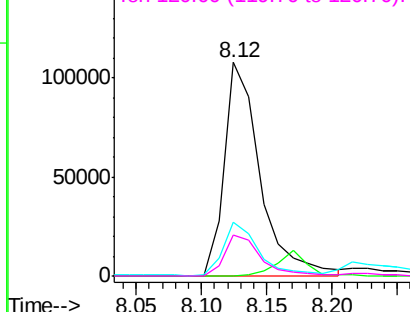
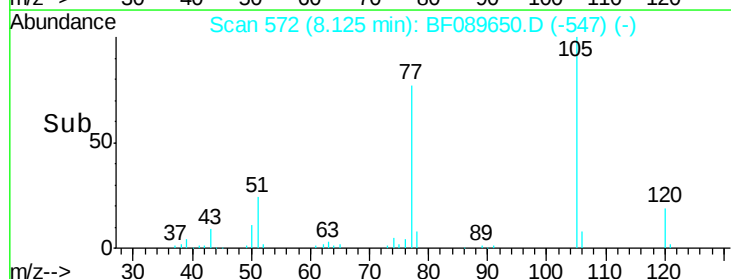
Lab File: BF089650.D

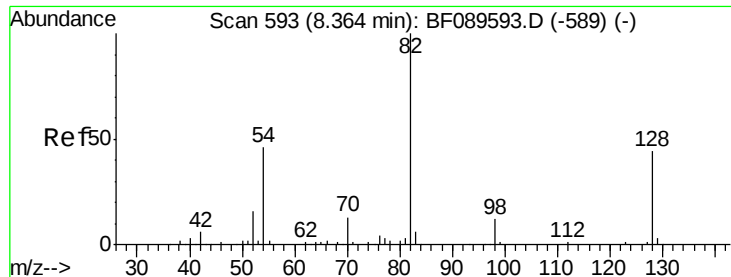
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206320		
71	0.0	0.0	0.0	
51	25.0	18.2	27.2	
120	19.0	15.7	23.5	



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





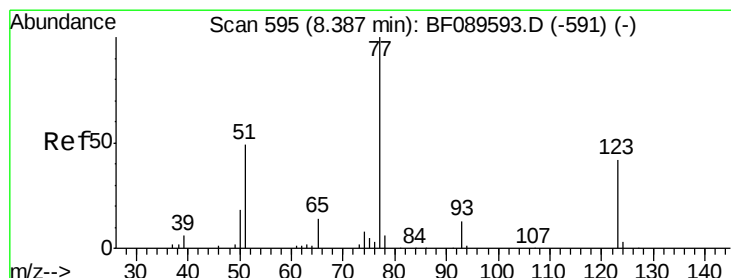
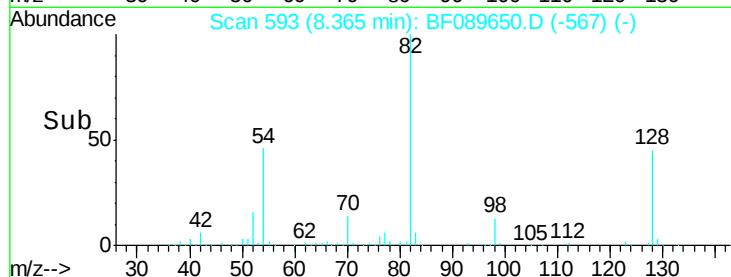
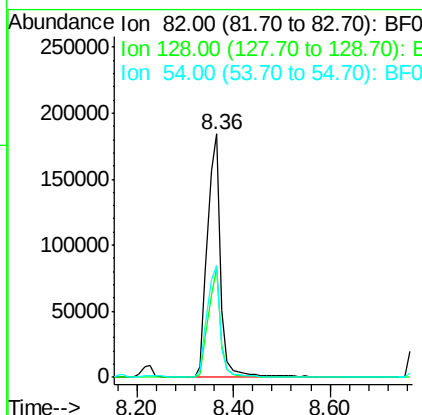
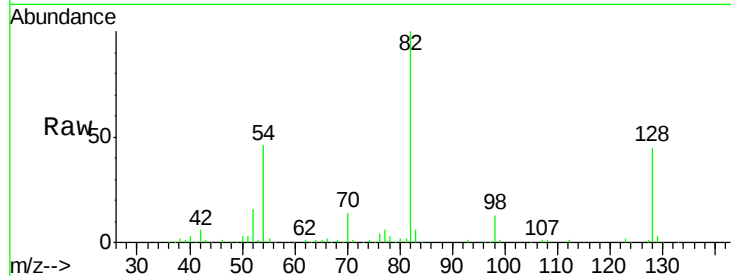
#23
Nitrobenzene-d5
Concen: 108.62 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.4	53.0
54	45.8	36.4	54.6

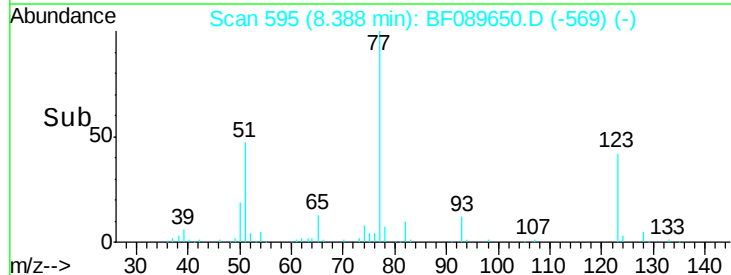
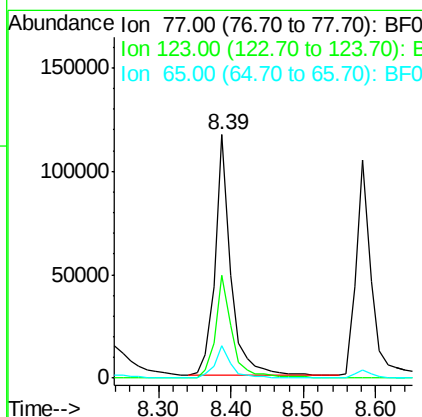
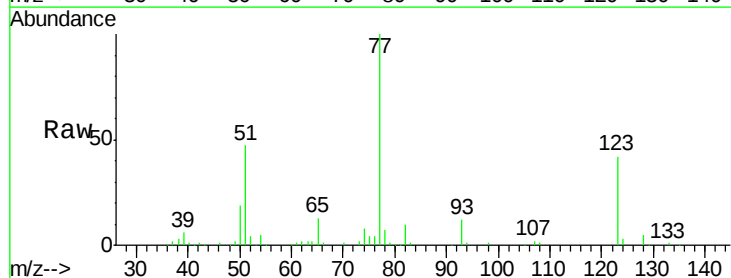
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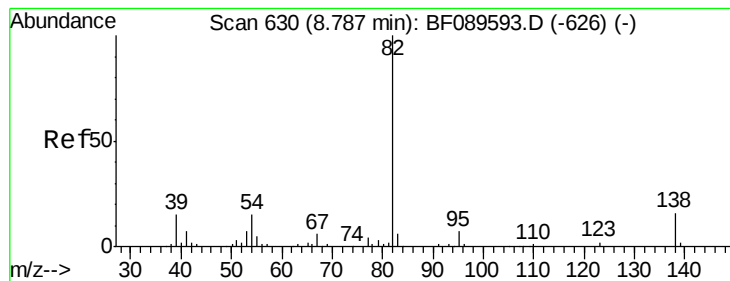
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#24
Nitrobenzene
Concen: 57.01 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.6	49.0
65	13.2	11.0	16.6





#25

Isophorone

Concen: 52.72 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion: 82 Resp: 332076

Ion Ratio Lower Upper

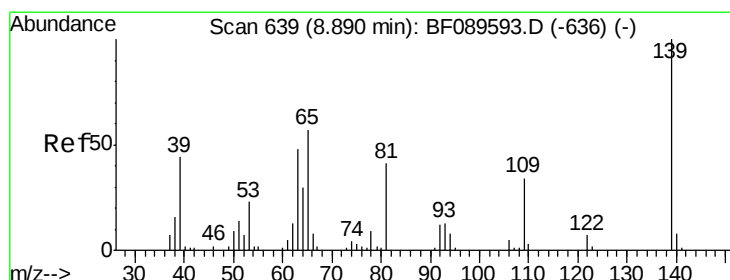
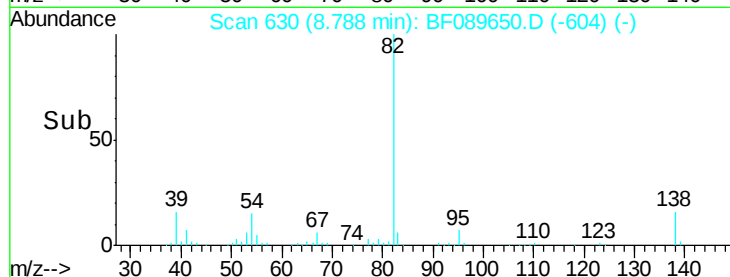
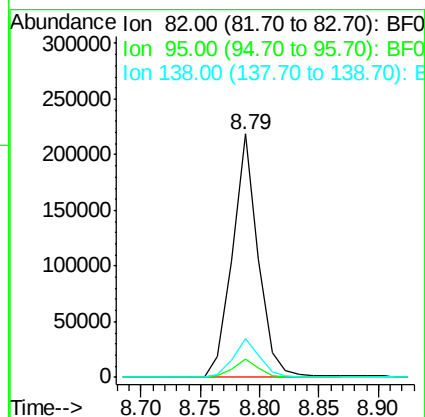
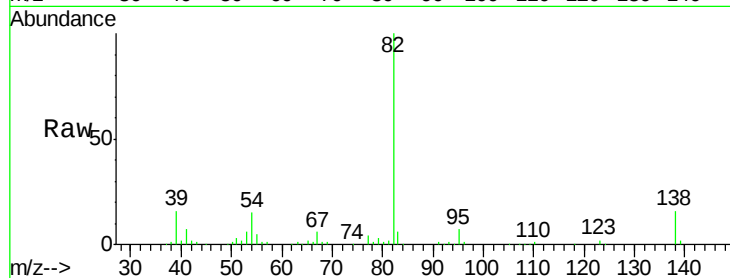
82 100

95 7.4 5.8 8.8

138 15.8 12.6 18.8

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#26

2-Nitrophenol

Concen: 56.69 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

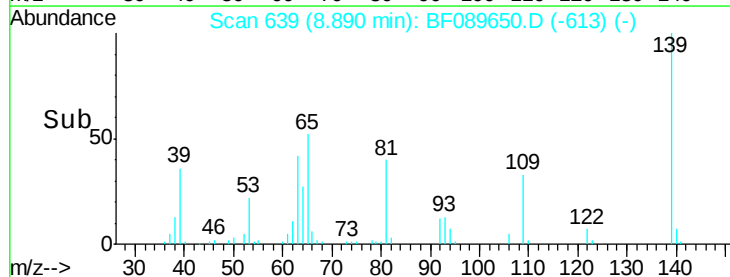
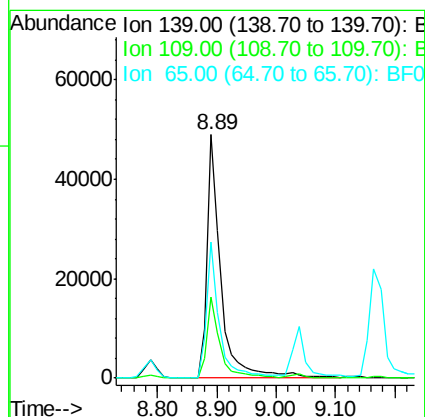
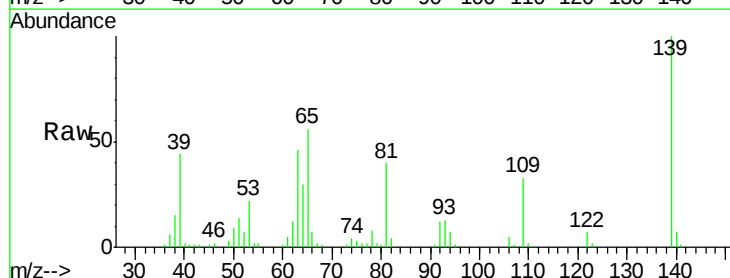
Tgt Ion: 139 Resp: 81291

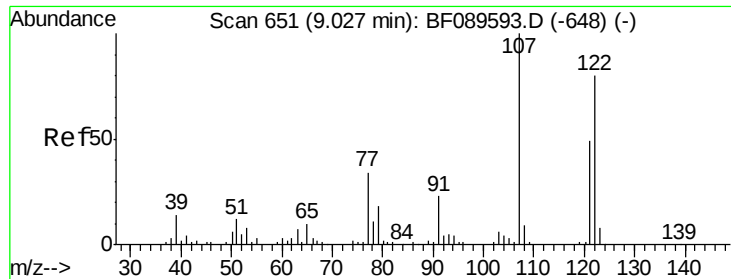
Ion Ratio Lower Upper

139 100

109 33.2 27.5 41.3

65 55.8 45.7 68.5





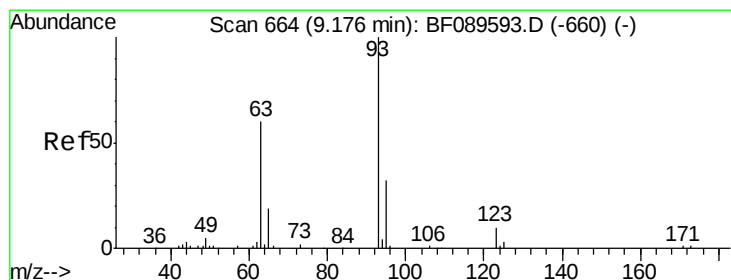
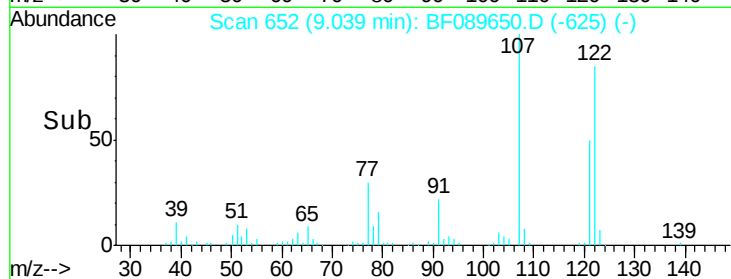
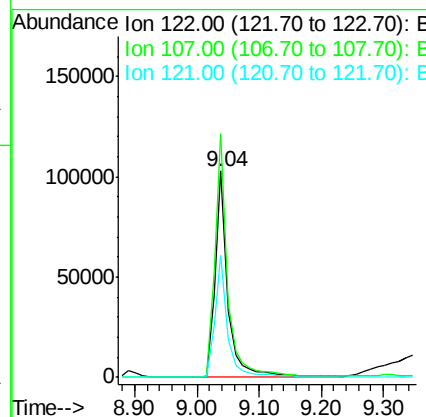
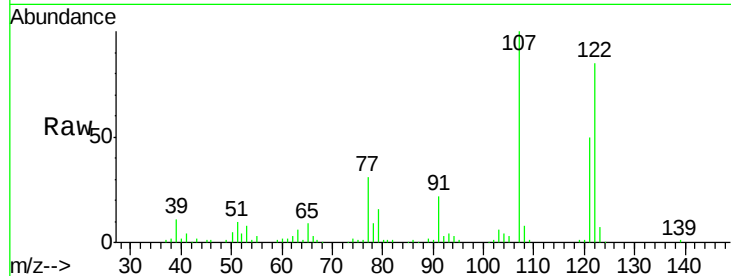
#27
 2,4-Dimethylphenol
 Concen: 56.80 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146432		
107	118.0	99.5	149.3	
121	59.4	48.5	72.7	

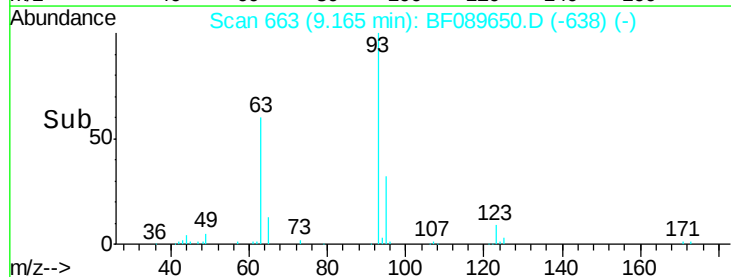
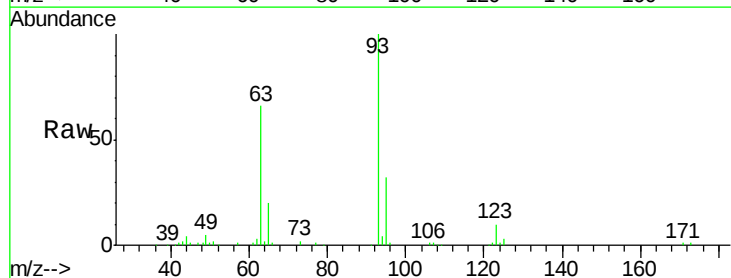
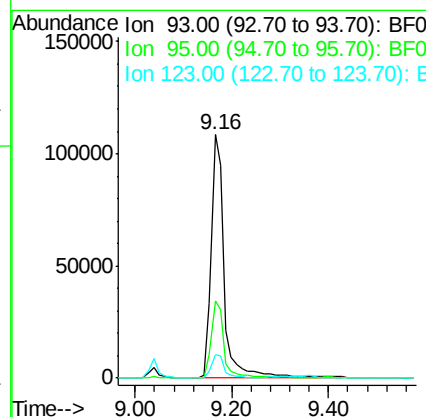
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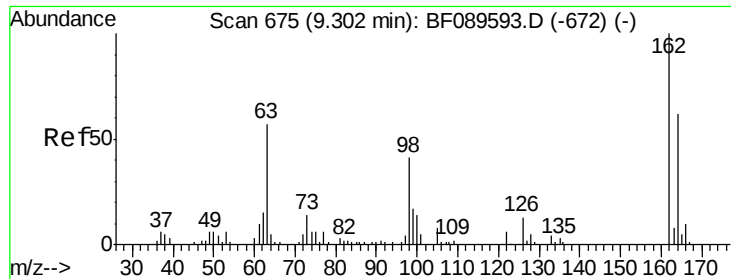
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.39 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207285		
95	31.5	25.8	38.8	
123	9.6	8.0	12.0	





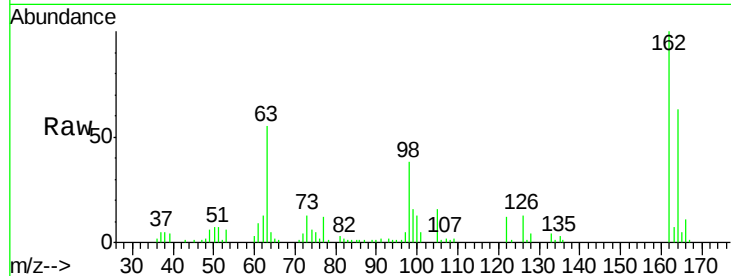
#29
 2,4-Dichlorophenol
 Concen: 53.16 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

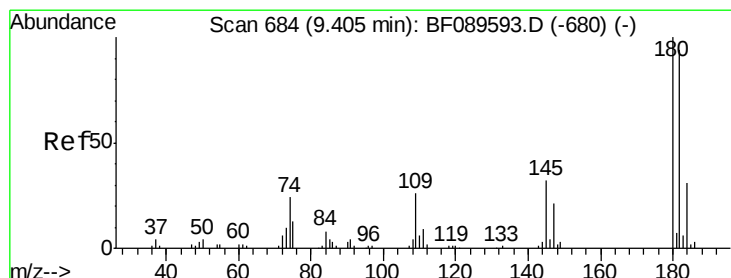
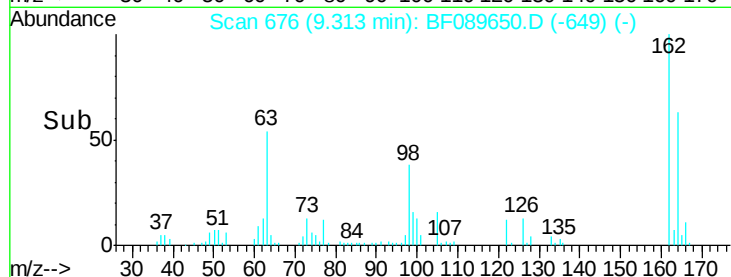
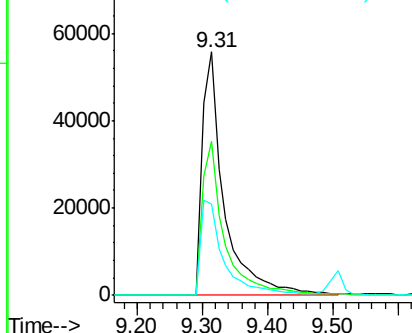
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	129666		
164	63.4	42.3	82.3	
98	37.8	21.2	61.2	

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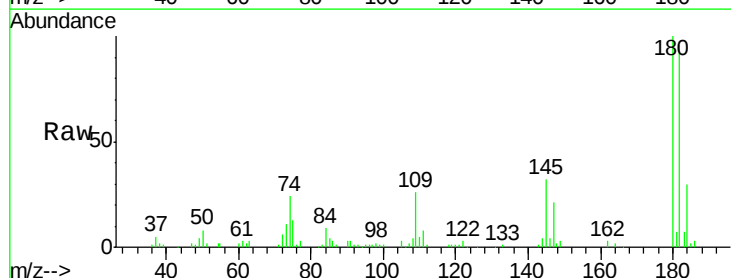


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

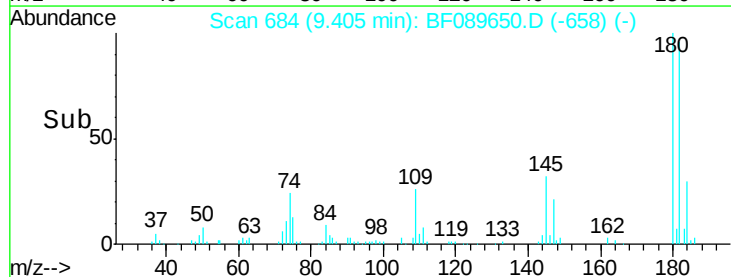
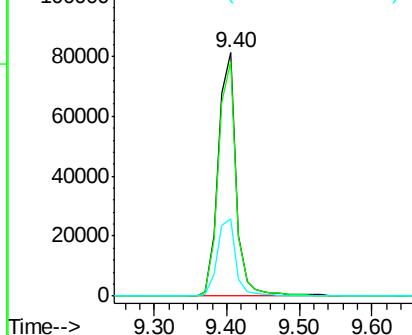


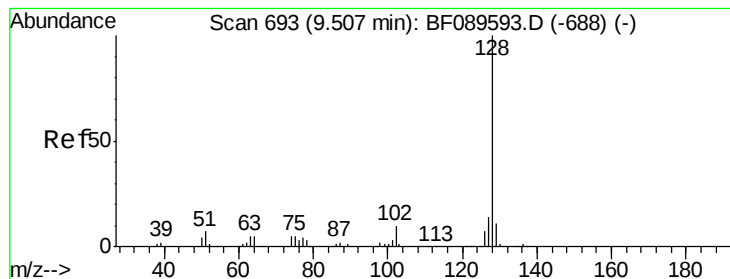
#30
 1,2,4-Trichlorobenzene
 Concen: 50.18 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	139803		
182	96.3	75.0	112.6	
145	31.8	25.6	38.4	



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: 51.05 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

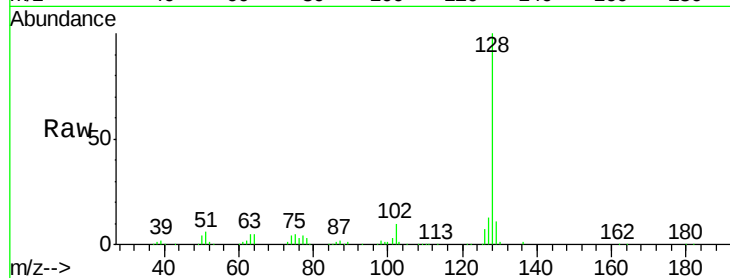
ClientSampleId :

WASTE-GAC-VPMSD

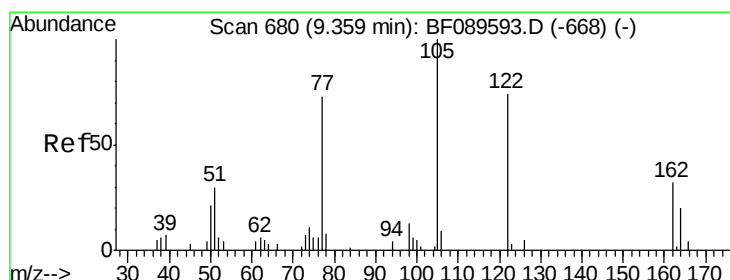
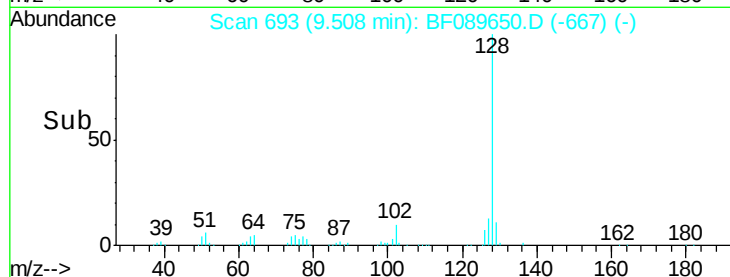
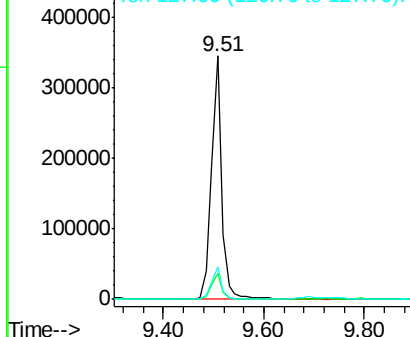
Tgt Ion:	128	Resp:	493691
Ion Ratio		Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.5	10.9	16.3

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



#32

Benzoic acid

Concen: 35.62 ng

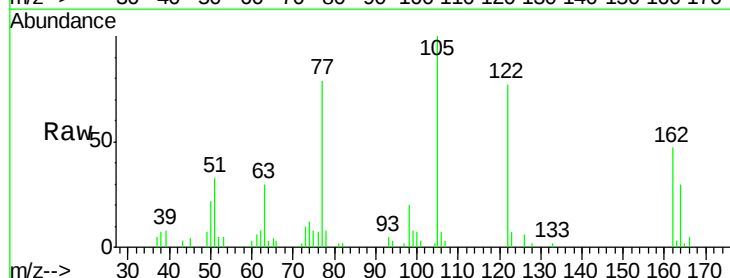
RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

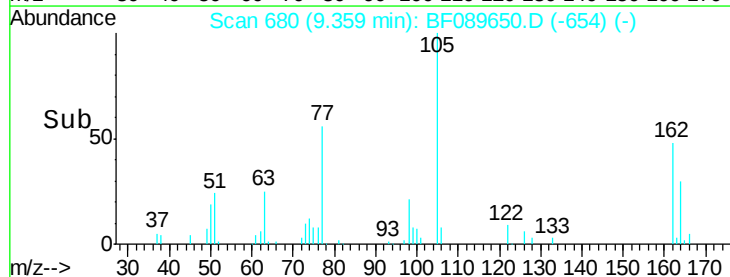
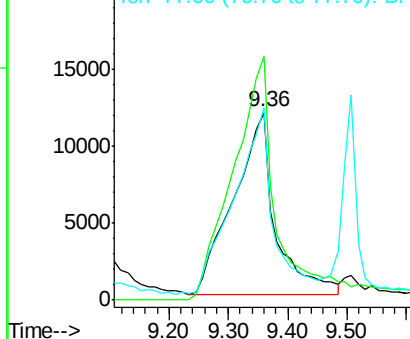
Lab File: BF089650.D

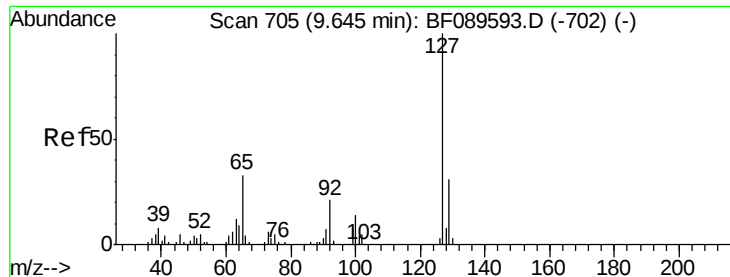
Acq: 6 Aug 2016 4:43

Tgt Ion:	122	Resp:	57687
Ion Ratio		Lower	Upper
122	100		
105	129.9	109.9	149.9
77	102.5	77.5	117.5



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





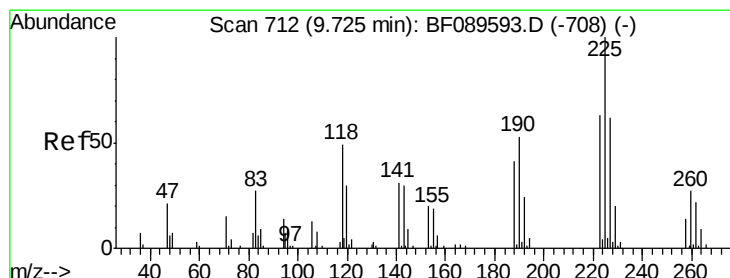
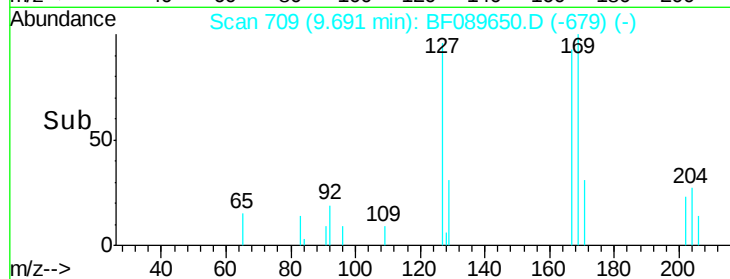
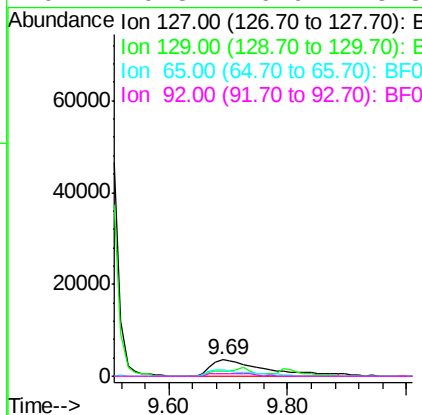
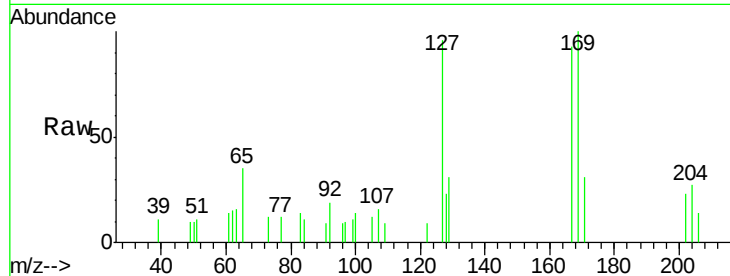
#33
4-Chloroaniline
Concen: 6.13 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.05 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	22248		
129	32.0	25.1	37.7	
65	36.7	26.2	39.2	
92	19.8	16.9	25.3	

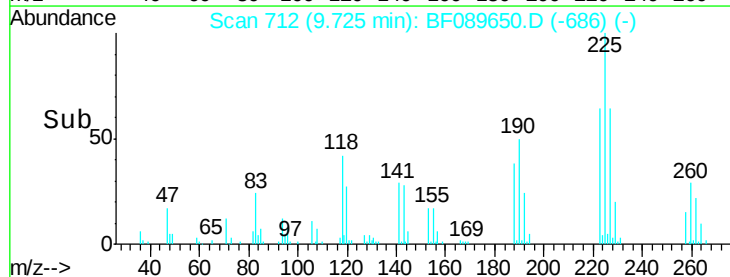
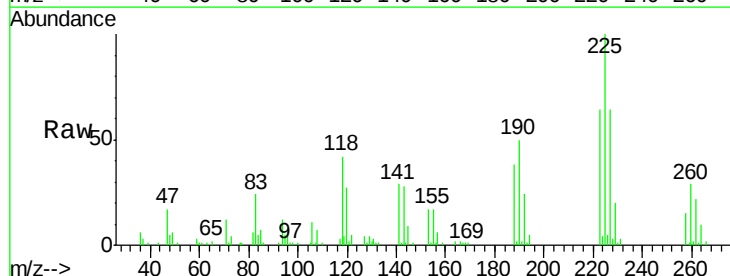
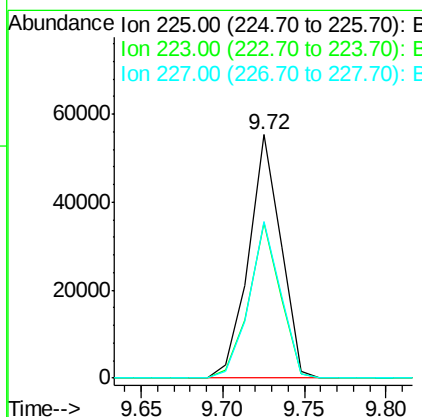
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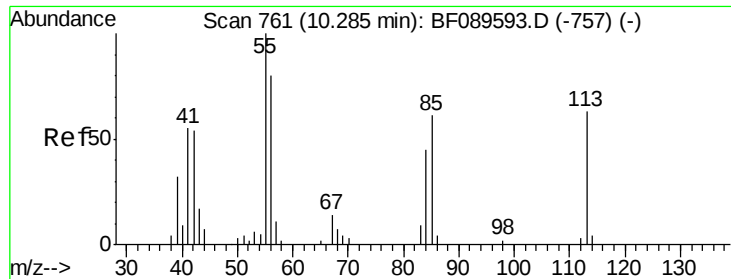
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#34
Hexachlorobutadiene
Concen: 47.34 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75939		
223	63.6	50.7	76.1	
227	64.2	49.4	74.0	





#35

Caprolactam

Concen: 40.01 ng m

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

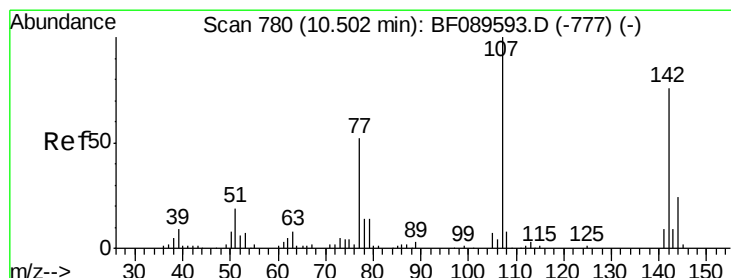
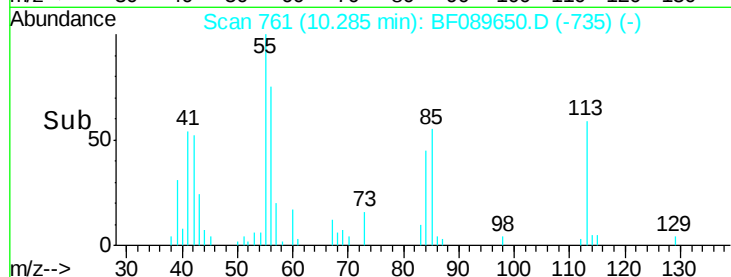
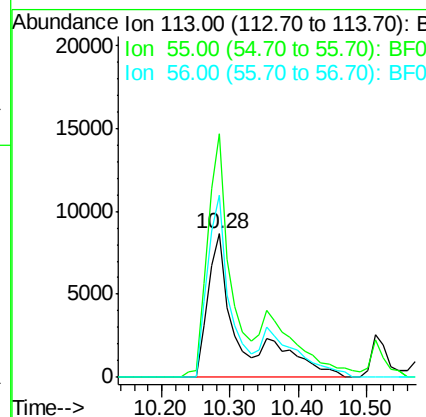
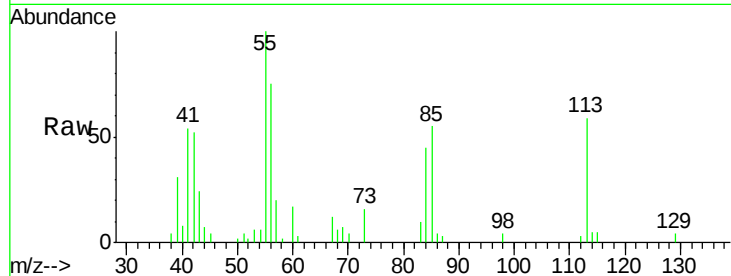
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:113 Resp: 28446
 Ion Ratio Lower Upper
 113 100
 55 169.9 139.6 179.6
 56 127.5 108.2 148.2

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#36

4-Chloro-3-methylphenol

Concen: 48.96 ng

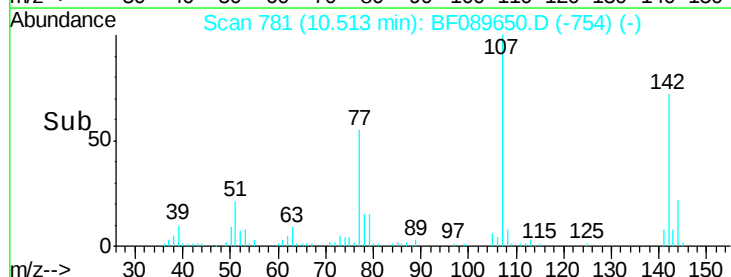
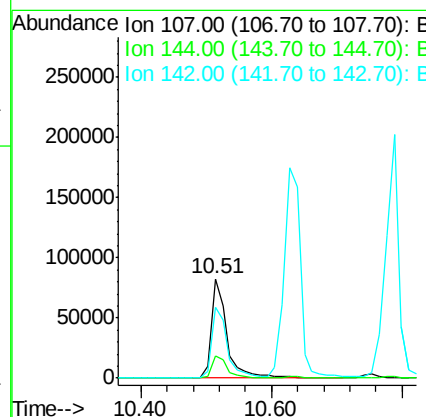
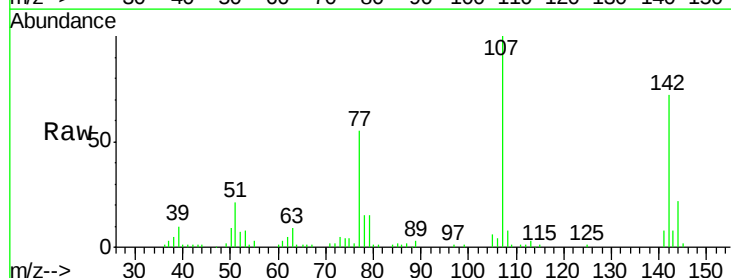
RT: 10.51 min Scan# 781

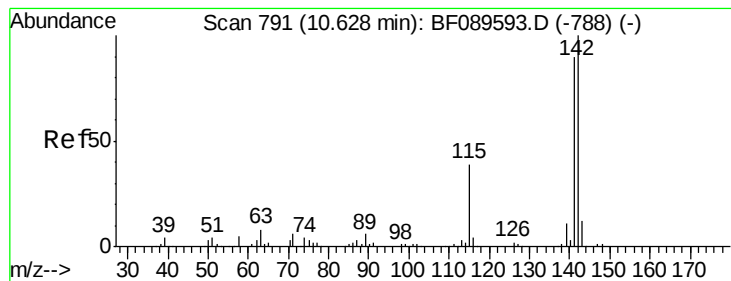
Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:107 Resp: 138815
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.9 28.3
 142 72.1 60.4 90.6





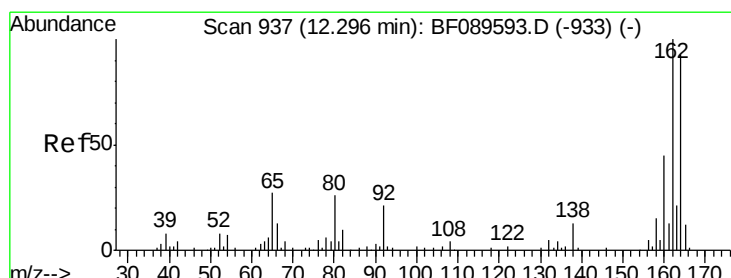
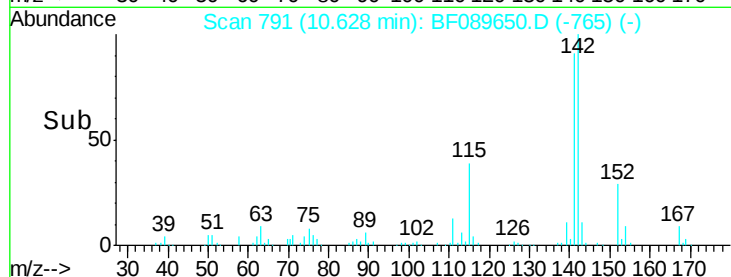
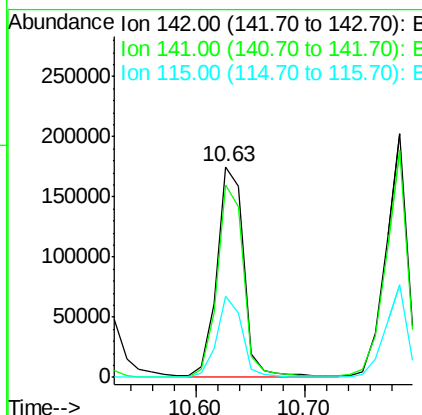
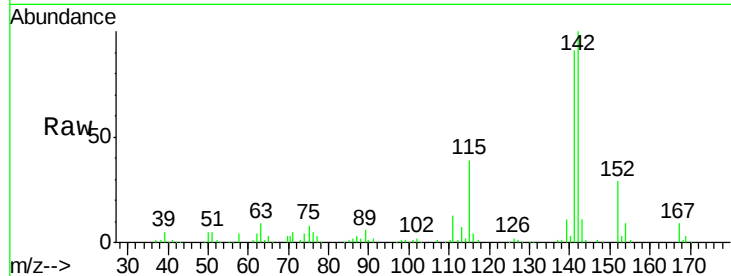
#37
2-Methylnaphthalene
Concen: 50.23 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	298733		
141	90.9	71.8	107.6	
115	38.6	31.0	46.4	

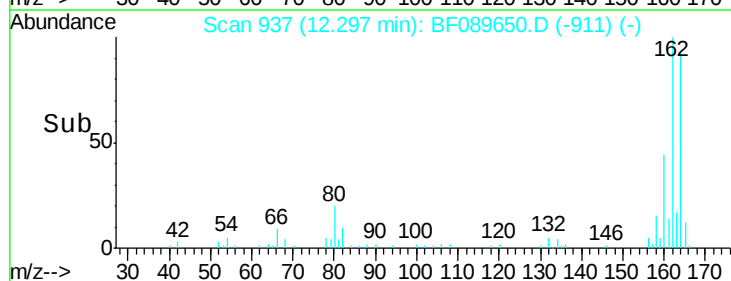
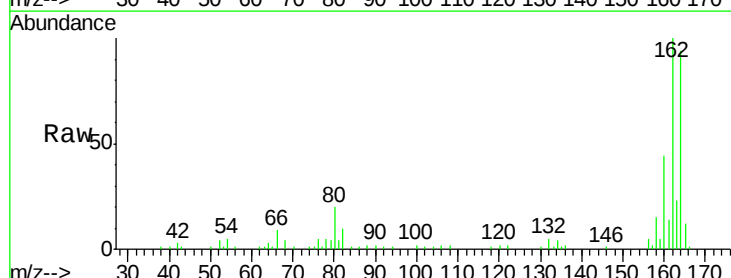
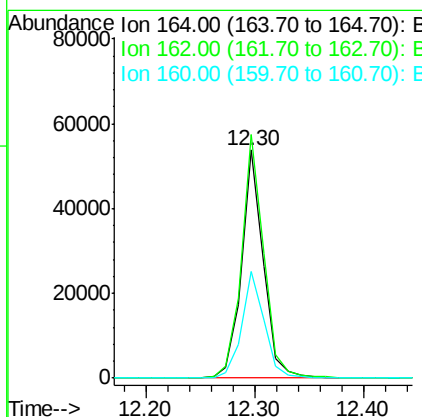
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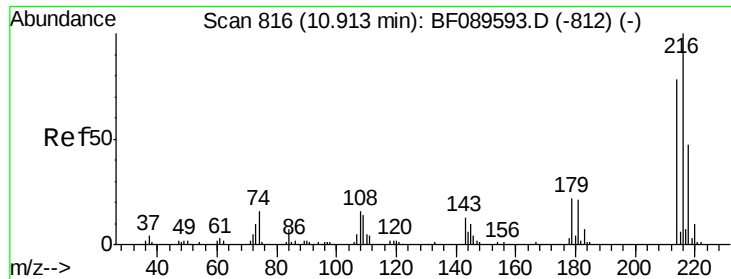
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73808		
162	106.7	85.7	128.5	
160	47.0	38.2	57.4	





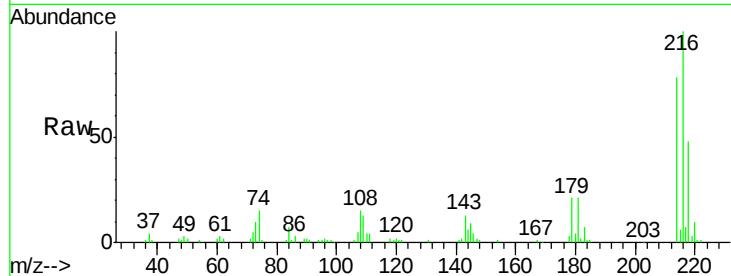
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.05 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

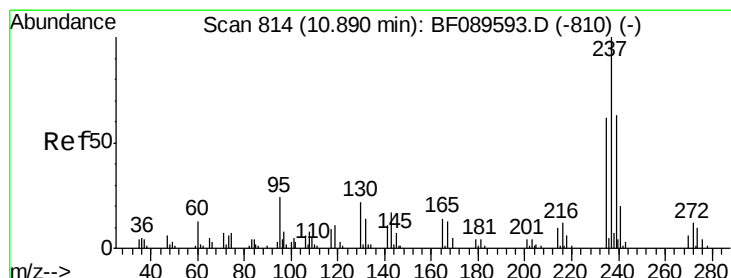
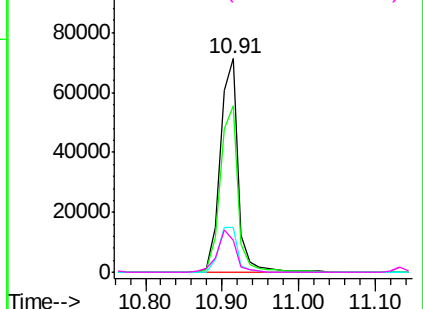
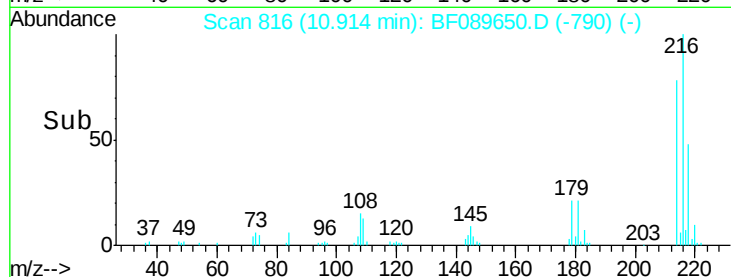
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	116645		
214	77.9	62.6	94.0	
179	22.1	17.8	26.8	
108	20.2	16.3	24.5	

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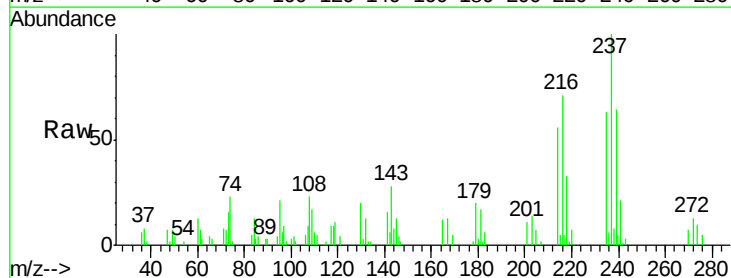


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

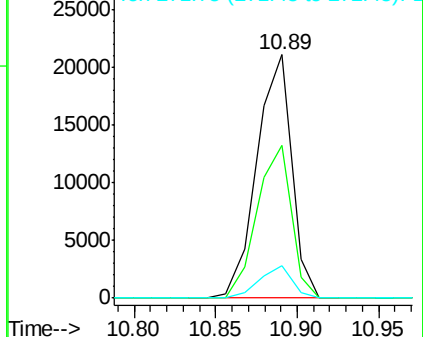
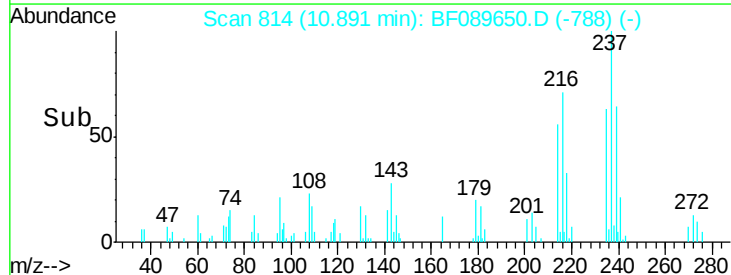


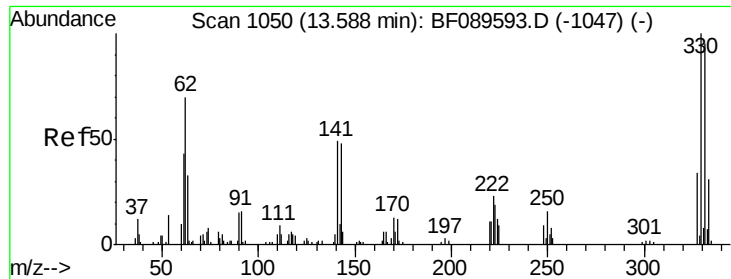
#40
 Hexachlorocyclopentadiene
 Concen: 38.02 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	31359		
235	62.5	41.9	81.9	
272	13.1	0.0	32.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





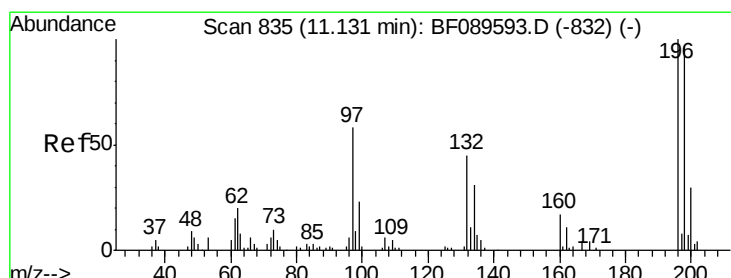
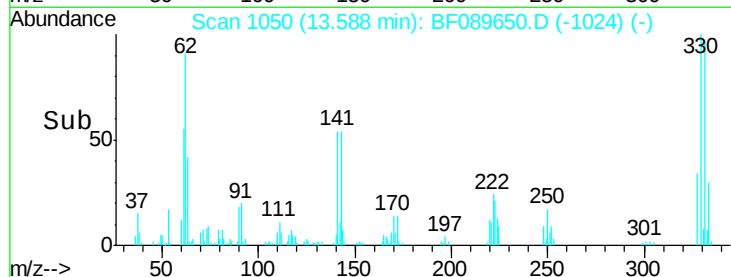
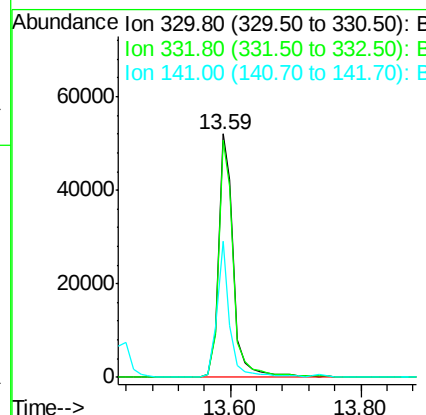
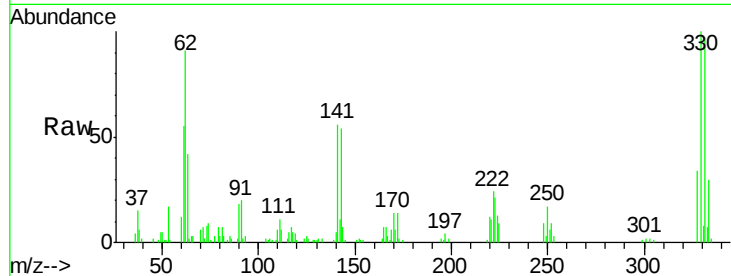
#41
 2,4,6-Tribromophenol
 Concen: 138.33 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	84257		
332	97.6	77.0	115.6	
141	47.9	38.6	57.8	

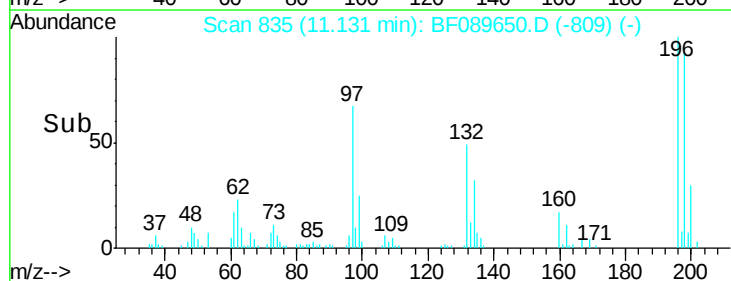
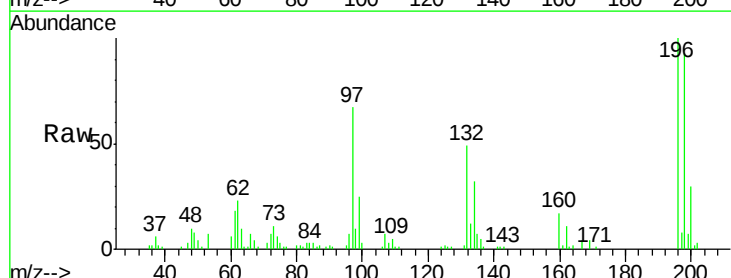
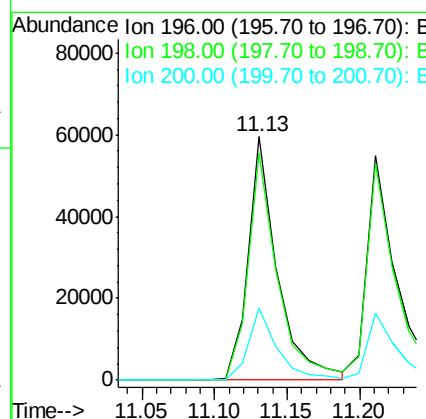
Manual Integrations
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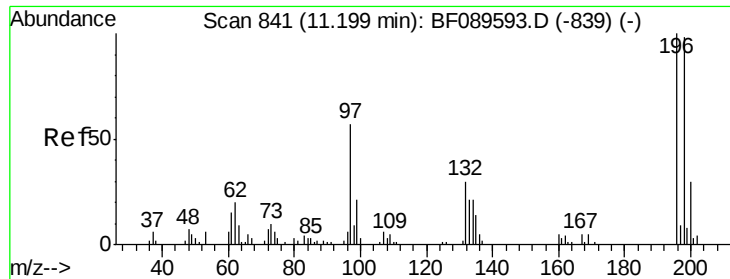
umangi
 8/8/2016 9:21:02 AM



#42
 2,4,6-Trichlorophenol
 Concen: 60.93 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

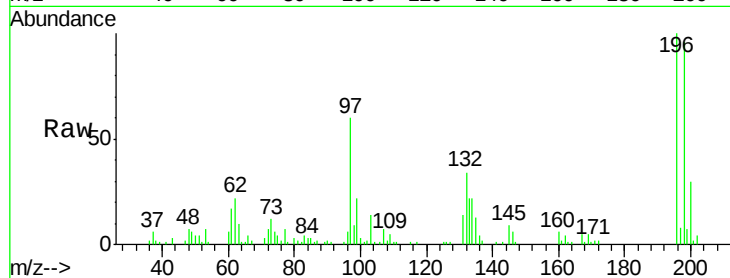
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83365		
198	93.0	77.6	116.4	
200	29.6	23.8	35.8	





#43
 2,4,5-Trichlorophenol
 Concen: 59.71 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

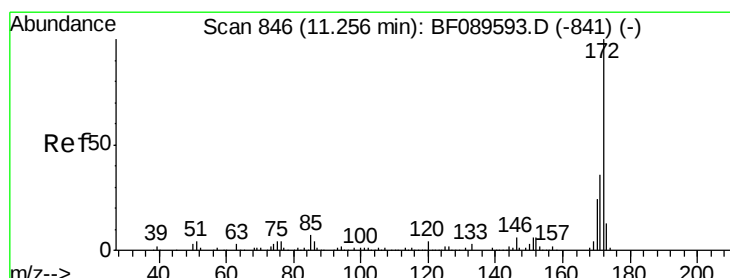
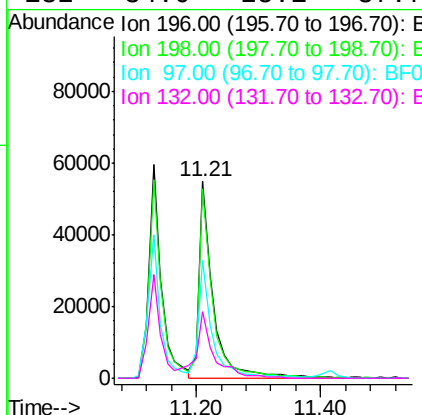
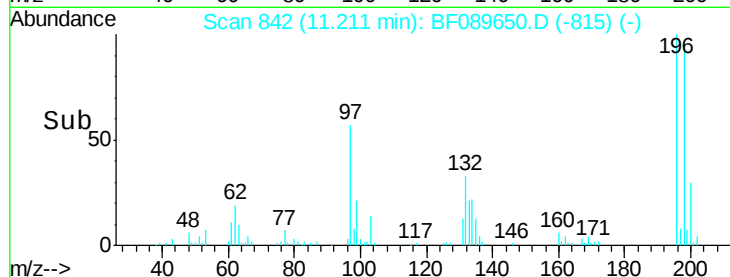
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD



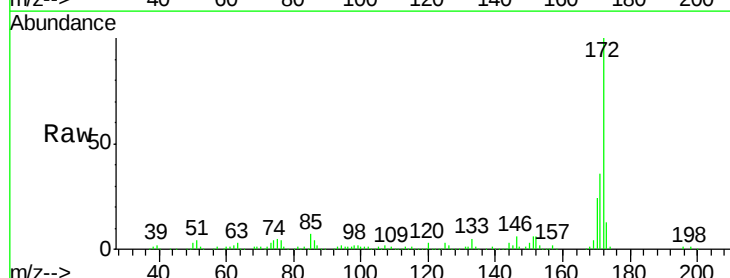
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87317		
198	96.4	77.8	116.6	
97	59.9	45.8	68.6	
132	34.0	25.1	37.7	

Manual Integrations
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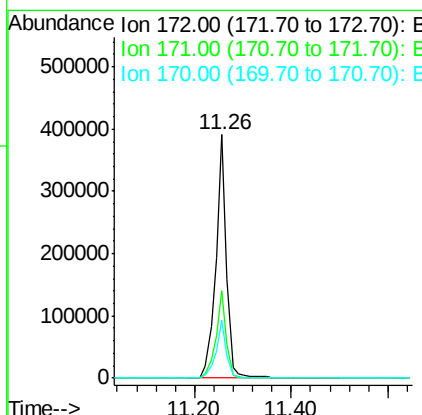
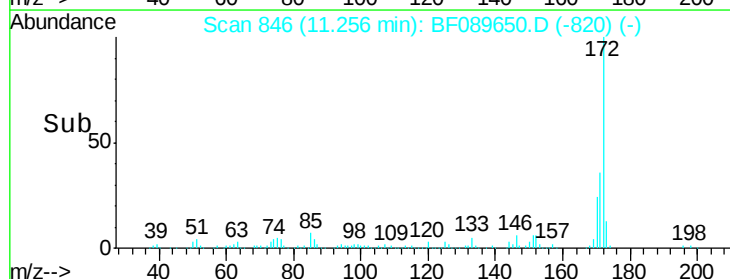
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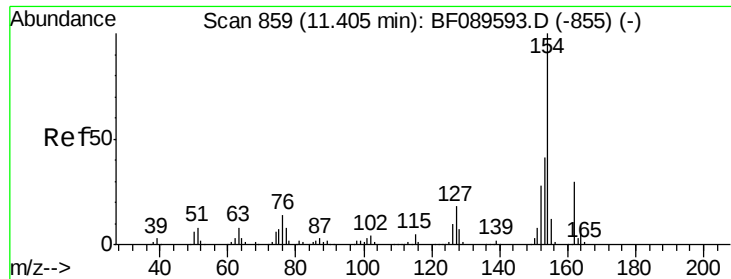


#44
 2-Fluorobiphenyl
 Concen: 108.01 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	613388		
171	35.8	28.9	43.3	
170	23.6	19.0	28.6	





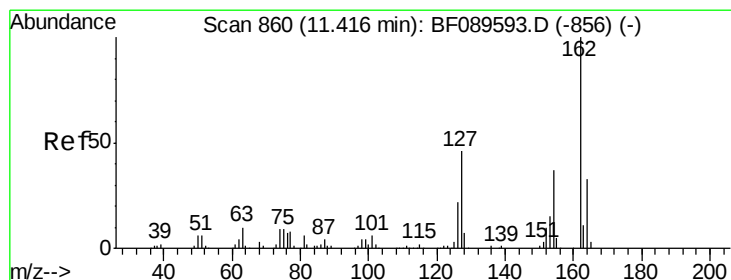
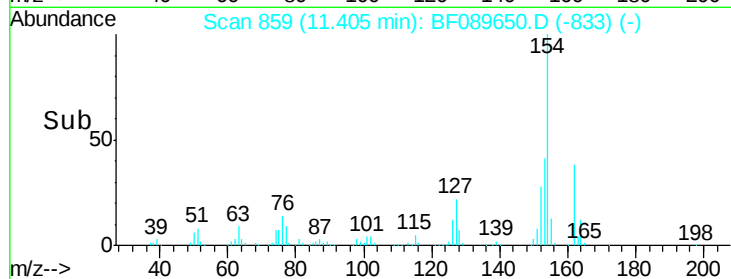
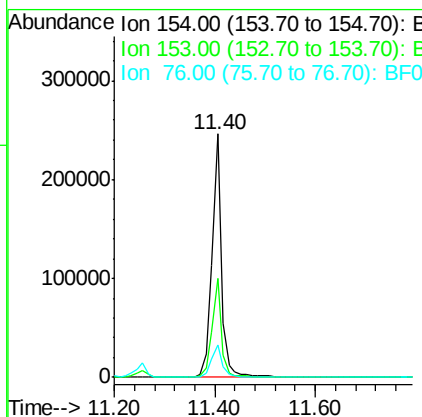
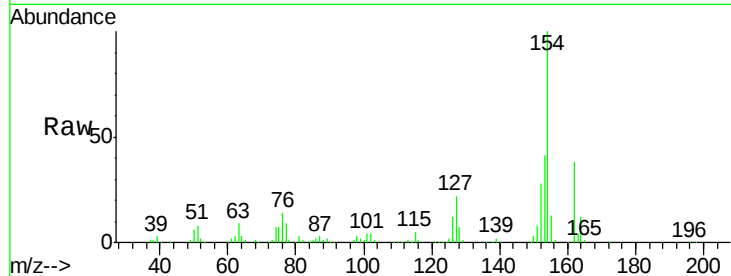
#45
 1,1'-Biphenyl
 Concen: 49.16 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	327249		
153	40.9	20.6	60.6	
76	13.5	0.0	33.7	

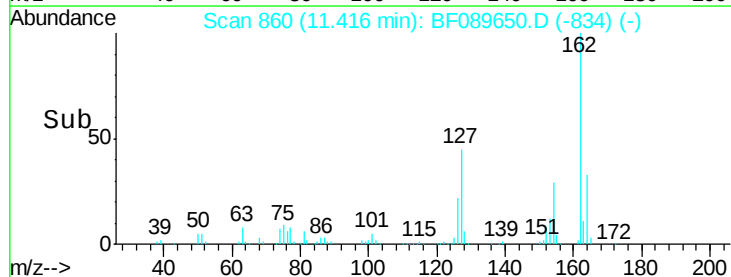
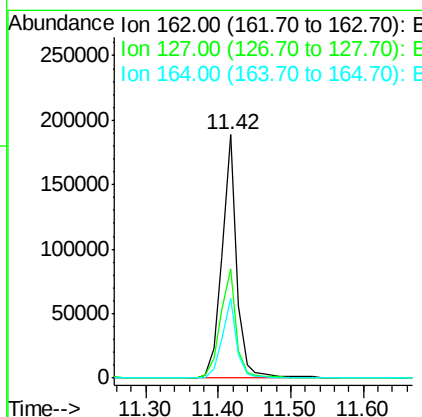
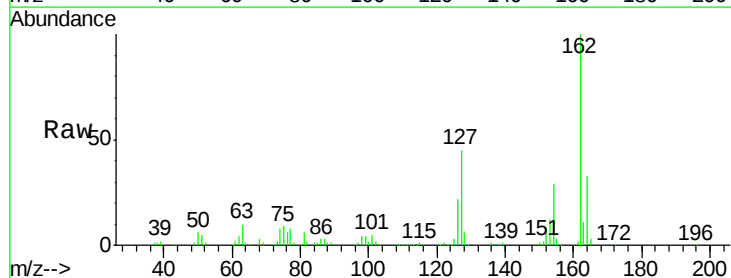
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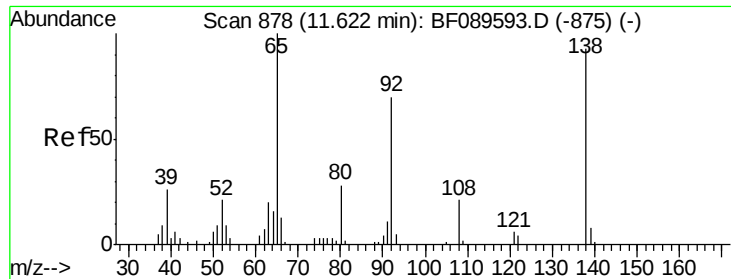
umangi
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#46
 2-Chloronaphthalene
 Concen: 53.86 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	268789		
127	44.8	36.6	54.8	
164	32.8	26.8	40.2	





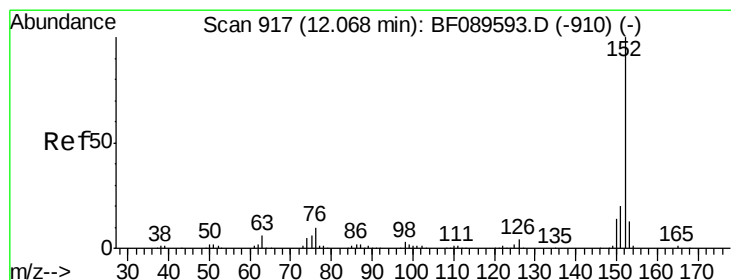
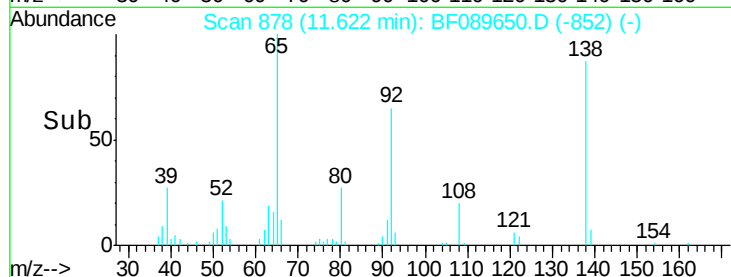
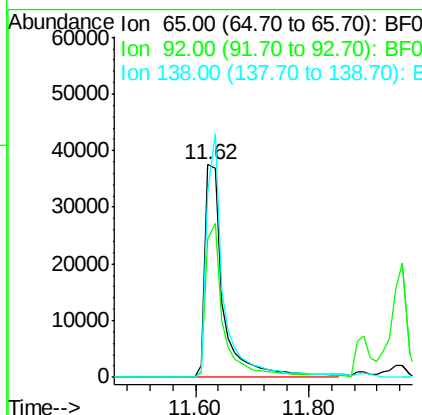
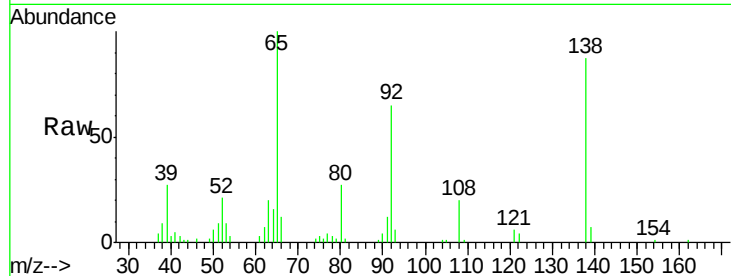
#47
2-Nitroaniline
Concen: 50.92 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	81915		
92	65.3	56.3	84.5	
138	87.2	74.3	111.5	

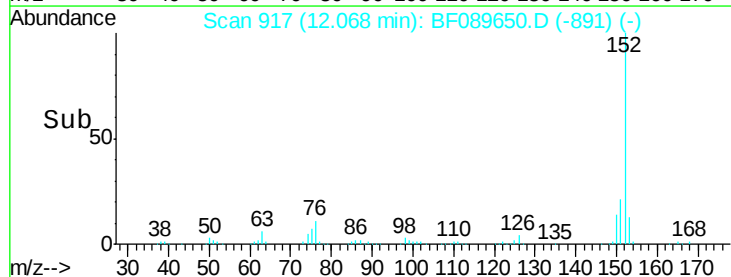
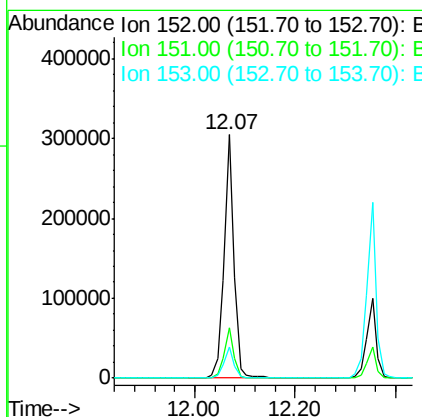
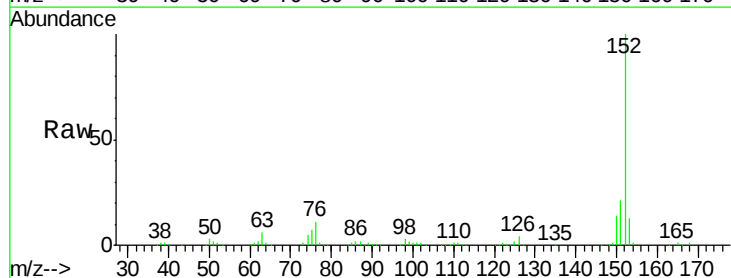
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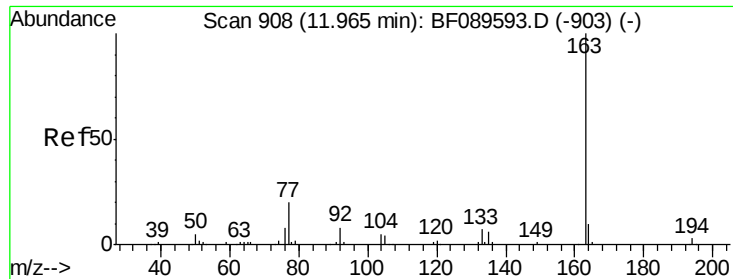
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#48
Acenaphthylene
Concen: 51.01 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	419335		
151	20.5	16.2	24.4	
153	13.0	10.5	15.7	





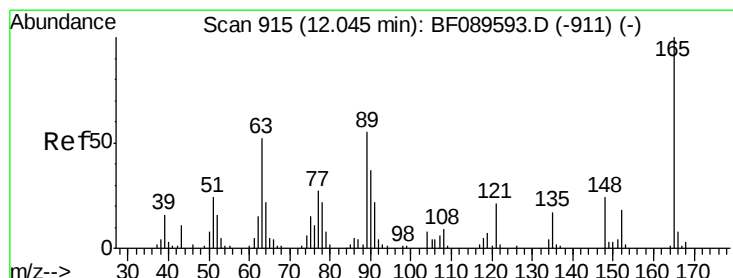
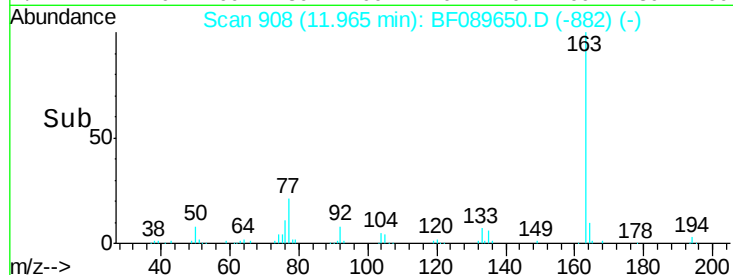
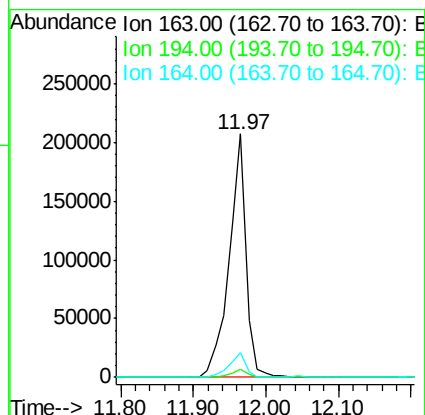
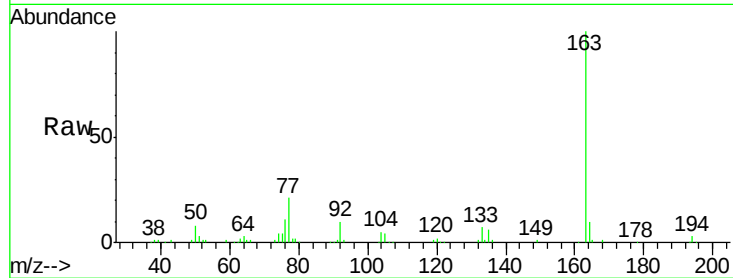
#49
Dimethylphthalate
Concen: 58.14 ng
RT: 11.97 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.7	4.1
164	9.9	7.8	11.6

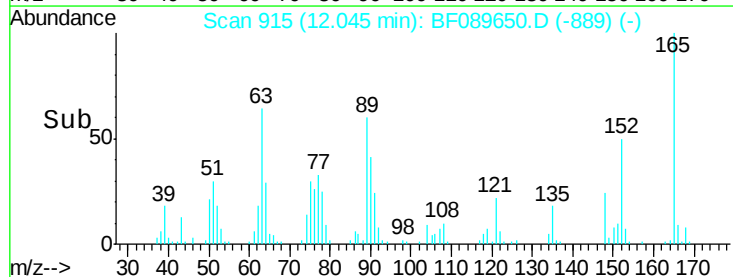
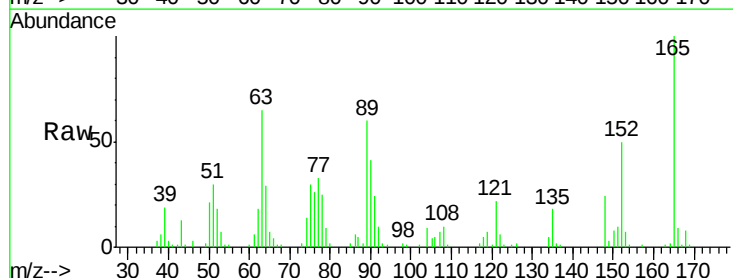
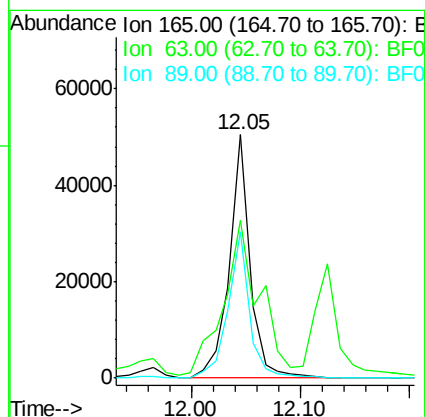
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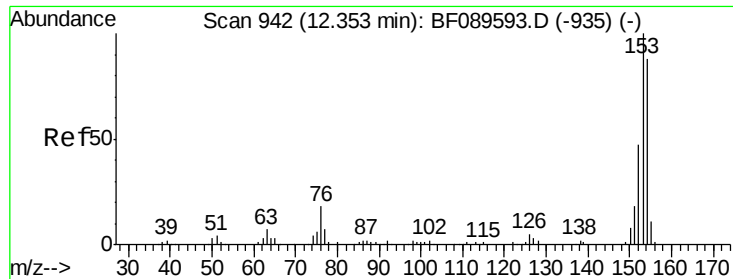
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#50
2,6-Dinitrotoluene
Concen: 58.17 ng
RT: 12.05 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.9	44.6	67.0
89	60.3	44.2	66.2





#51

Acenaphthene

Concen: 52.18 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

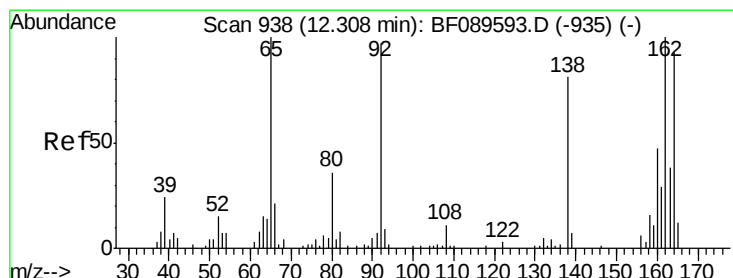
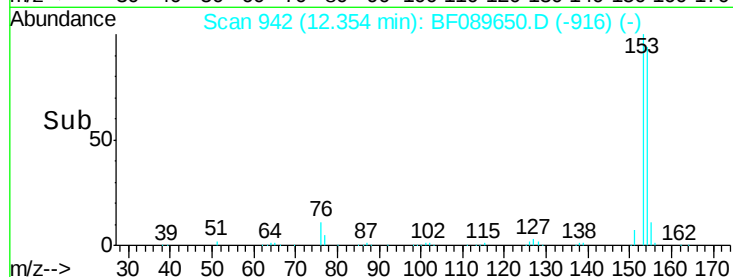
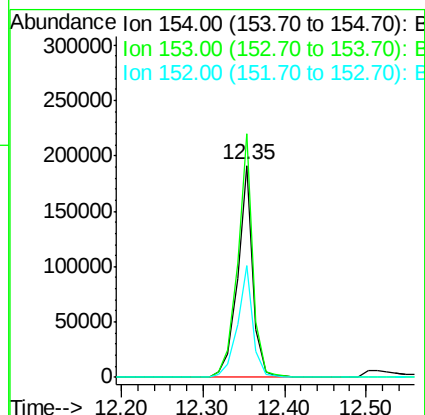
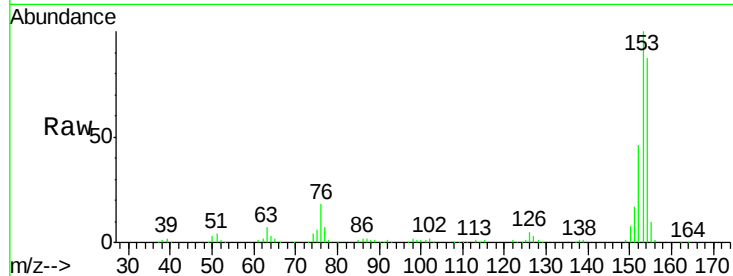
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:	154	Resp:	247744
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.1	136.7
152	52.6	43.5	65.3

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#52

3-Nitroaniline

Concen: 15.68 ng

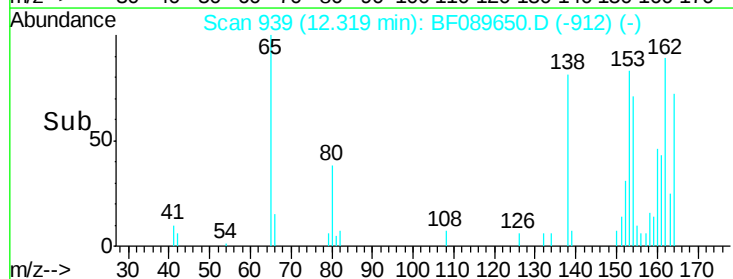
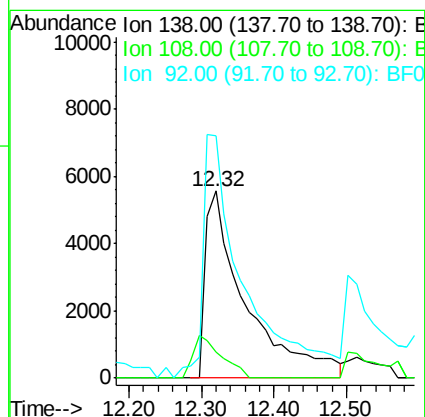
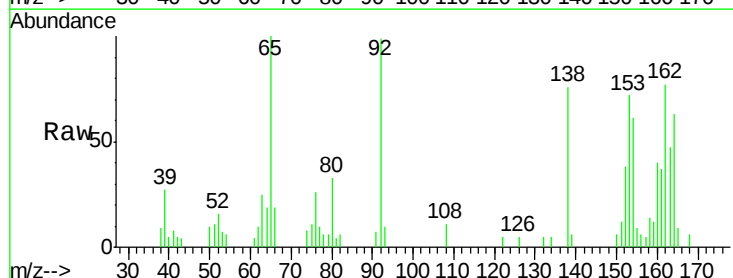
RT: 12.32 min Scan# 939

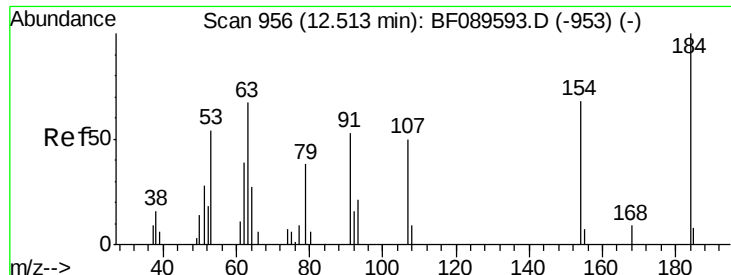
Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:	138	Resp:	21572
Ion Ratio	Lower	Upper	
138	100		
108	13.9	10.7	16.1
92	129.3	96.6	145.0





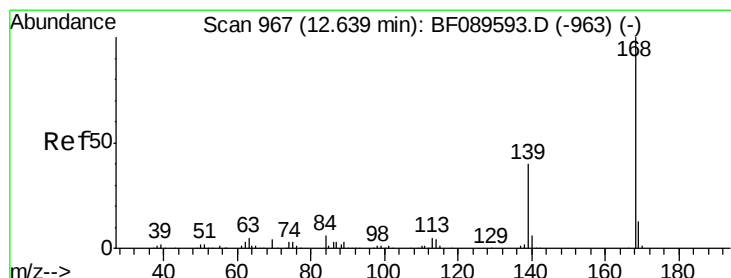
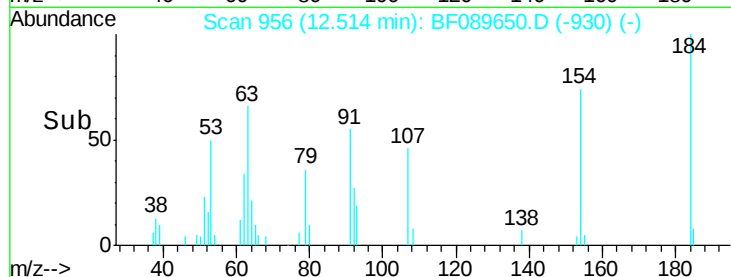
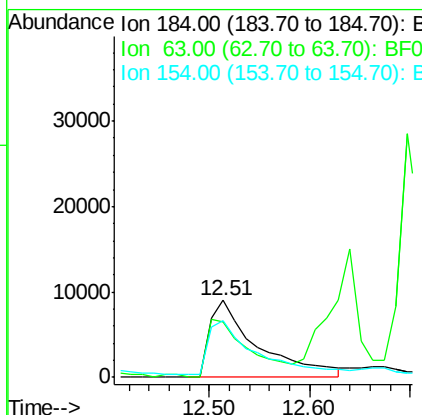
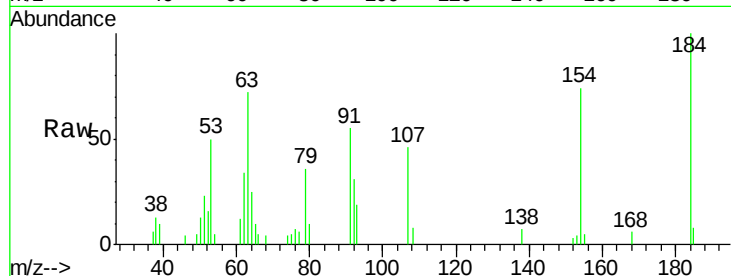
#53
 2,4-Dinitrophenol
 Concen: 63.69 ng
 RT: 12.51 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	29571		
63	72.1	59.0	88.6	
154	73.6	60.0	90.0	

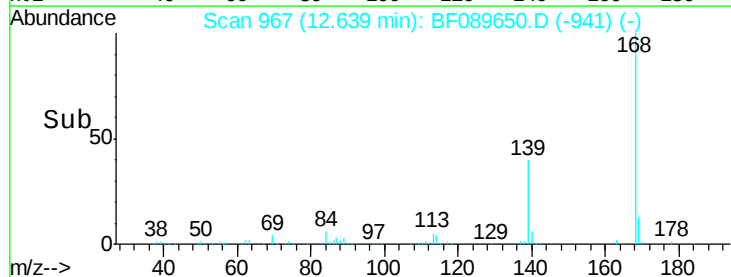
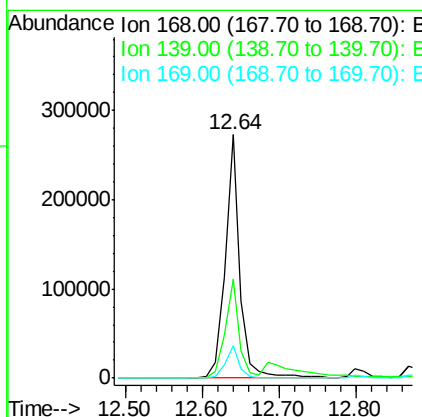
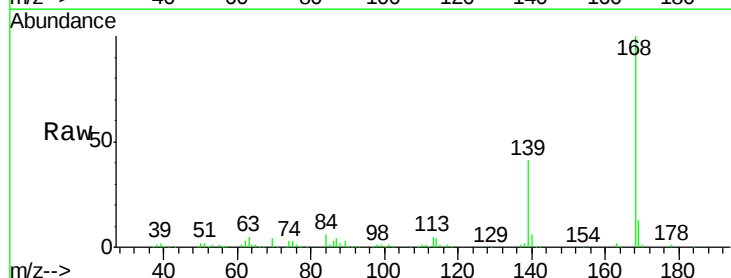
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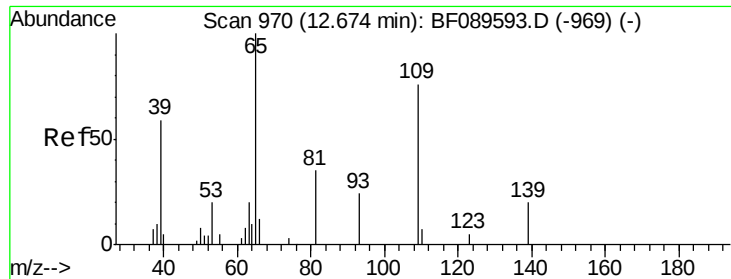
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#54
 Dibenzofuran
 Concen: 56.39 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	368096		
139	40.6	32.3	48.5	
169	13.2	10.6	15.8	





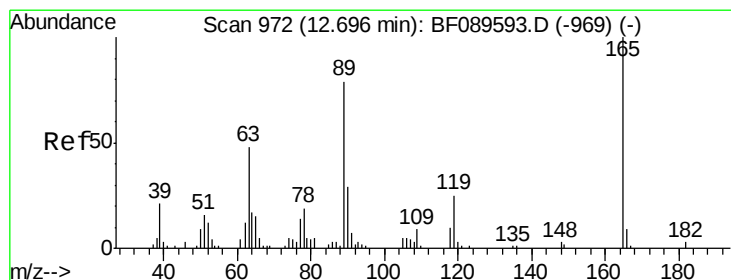
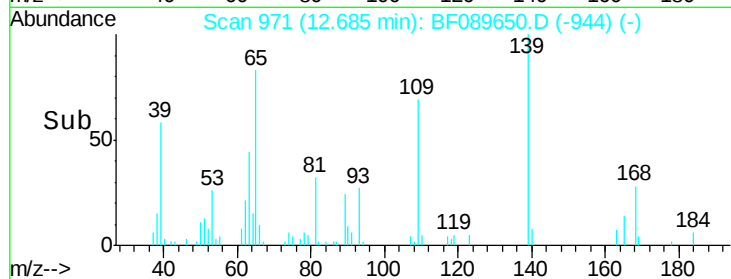
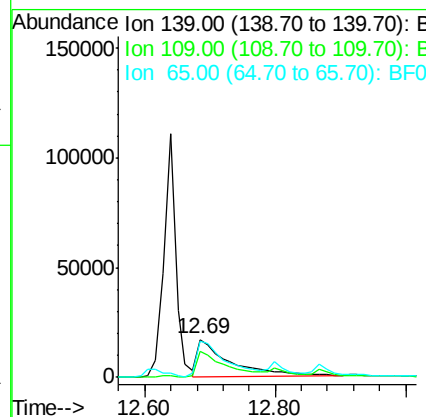
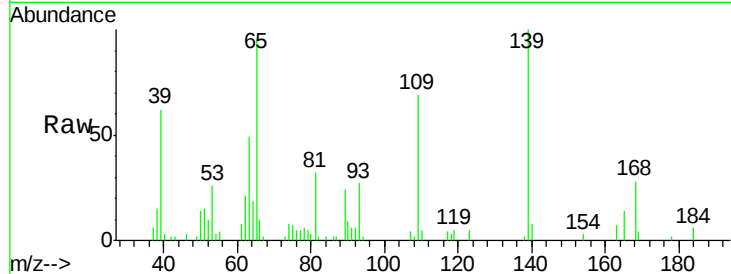
#55
4-Nitrophenol
Concen: 80.01 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	68.5	28.9	68.9
65	95.1	49.2	89.2

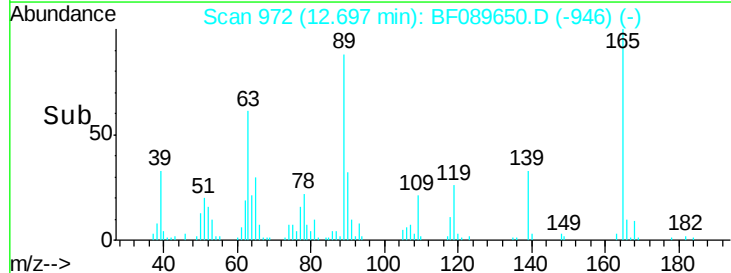
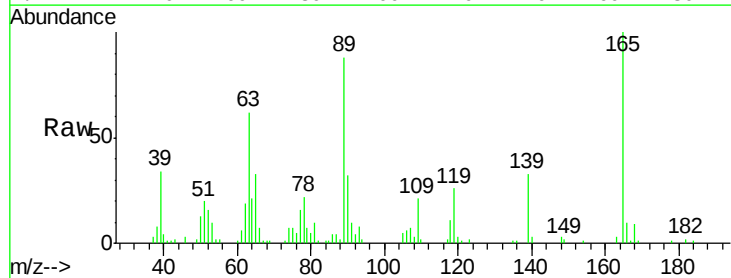
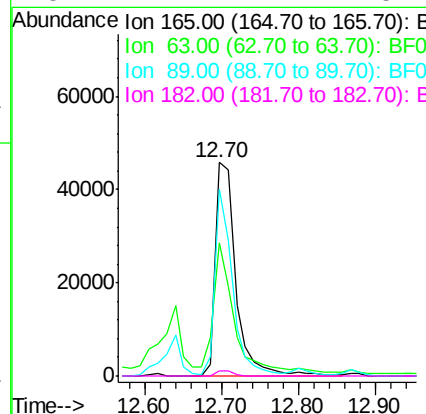
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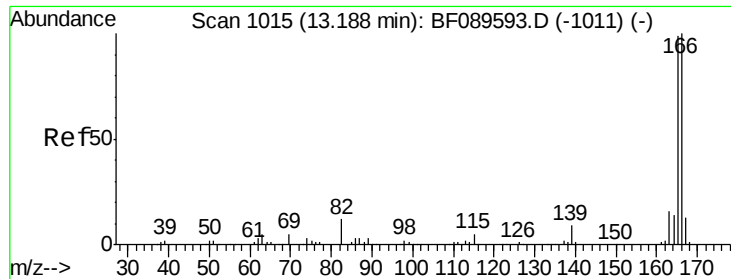
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#56
2,4-Dinitrotoluene
Concen: 52.87 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	62.2	42.2	63.4
89	87.7	64.4	96.6
182	2.2	2.1	3.1





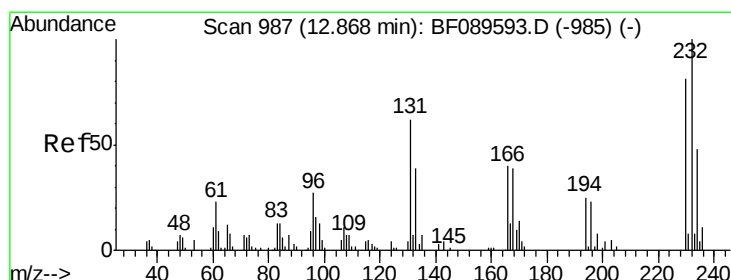
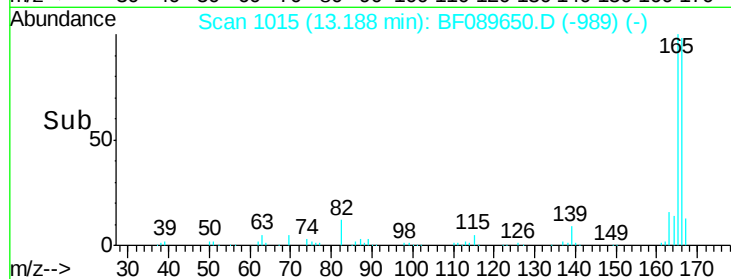
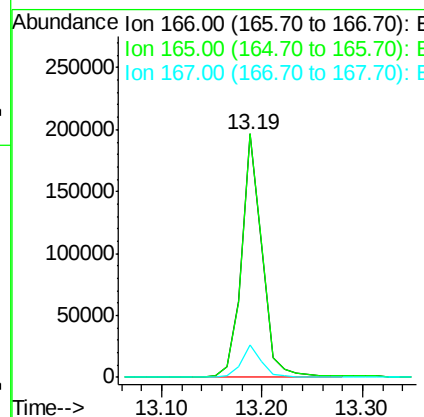
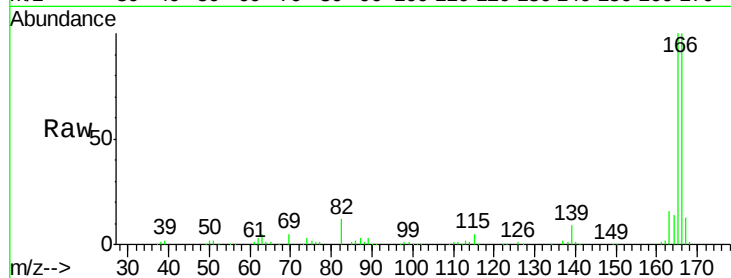
#57
 Fluorene
 Concen: 49.97 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	278821		
165	100.2	78.9	118.3	
167	13.2	10.4	15.6	

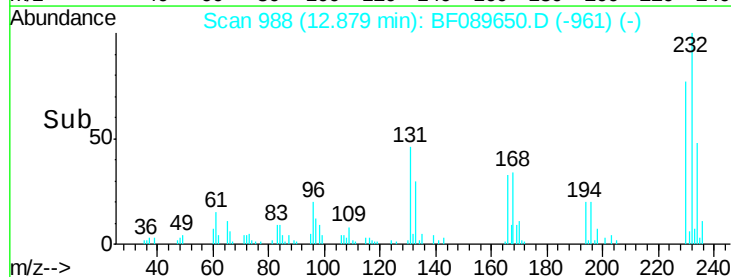
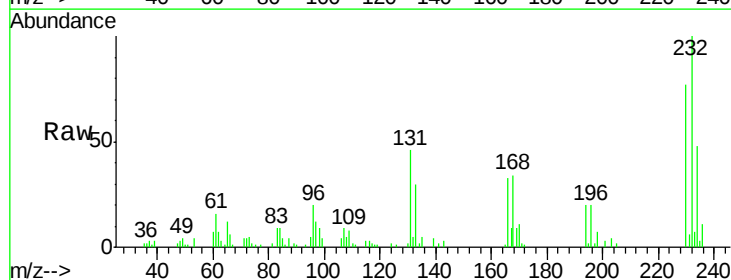
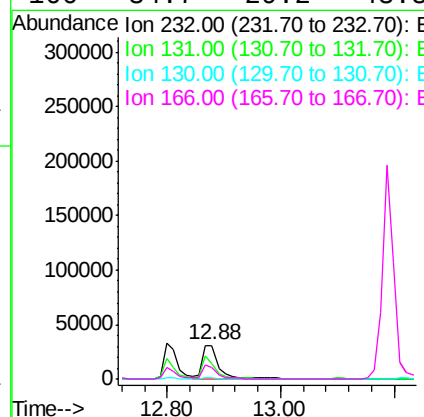
Manual Integrations
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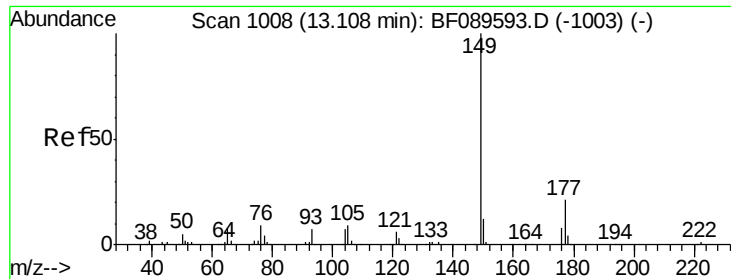
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.21 ng
 RT: 12.88 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	63513		
131	55.1	46.2	69.2	
130	2.0	1.7	2.5	
166	34.7	29.2	43.8	





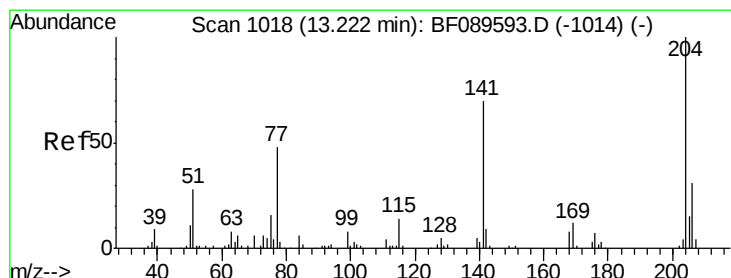
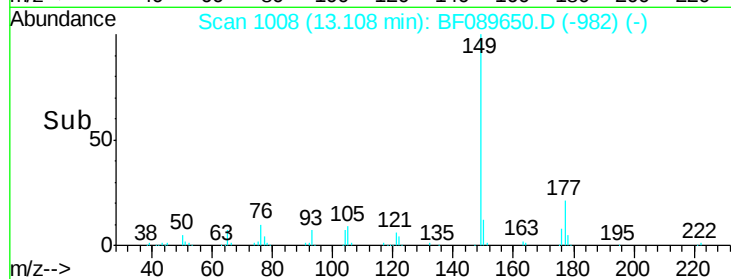
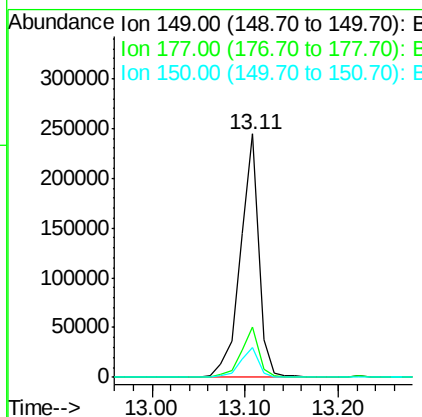
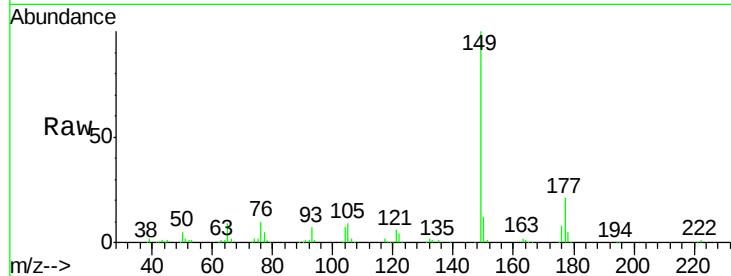
#59
Diethylphthalate
Concen: 56.05 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	335344		
177	20.6	16.8	25.2	
150	12.0	9.6	14.4	

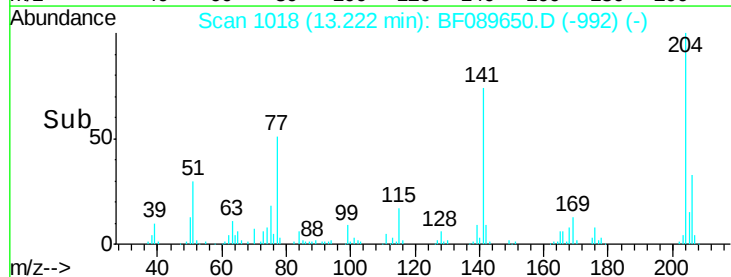
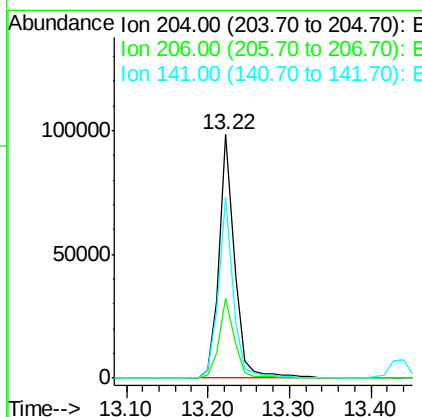
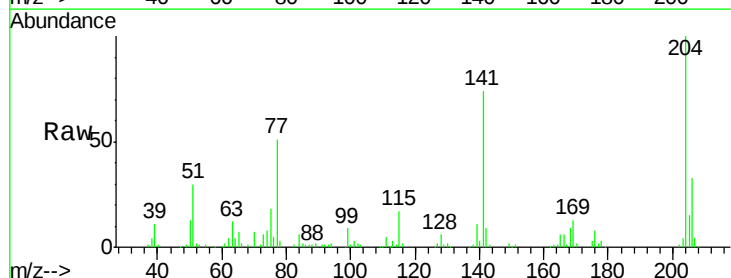
Manual Integrations
APPROVED

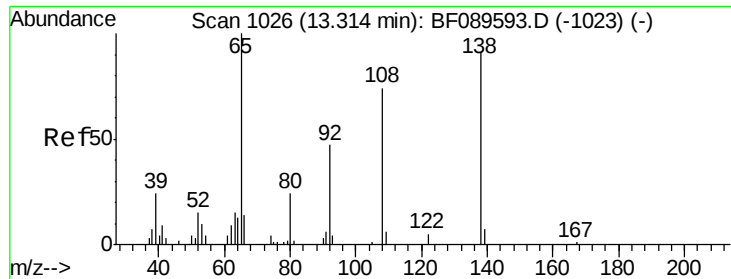
umangi
8/8/2016 9:21:02 AM



#60
4-Chlorophenyl-phenylether
Concen: 51.11 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	130753		
206	32.9	25.0	37.4	
141	74.2	56.2	84.4	





#61

4-Nitroaniline

Concen: 36.49 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion: 138 Resp: 45135

Ion Ratio Lower Upper

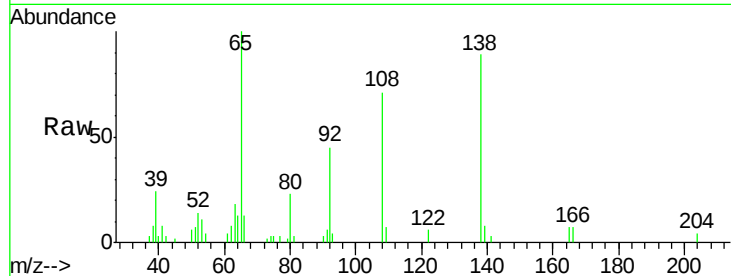
138 100

92 50.8 31.6 71.6

108 79.4 61.5 101.5

Manual Integrations
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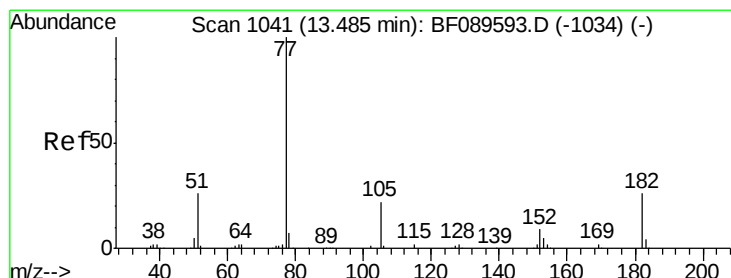
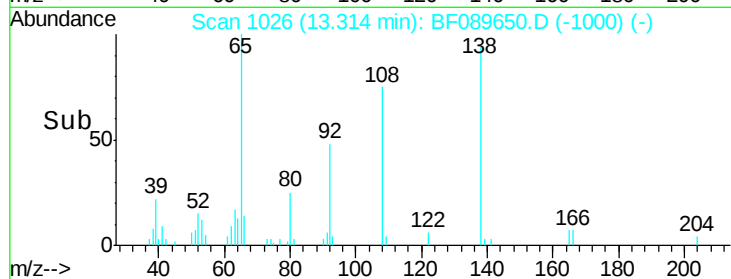
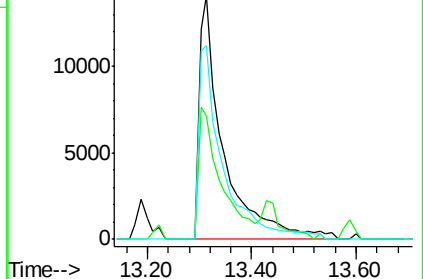
umangi
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 56.58 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion: 77 Resp: 327389

Ion Ratio Lower Upper

77 100

182 18.6 5.8 45.8

105 20.5 2.9 42.9

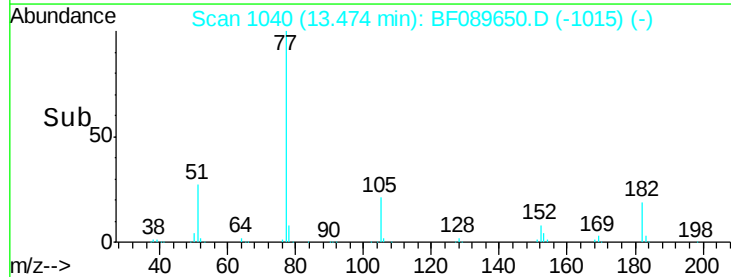
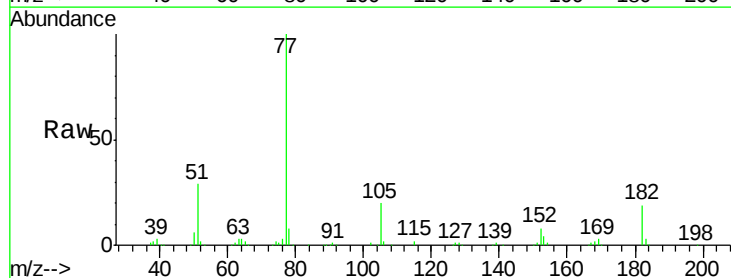
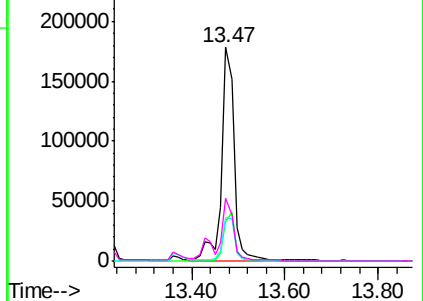
51 29.2 7.2 47.2

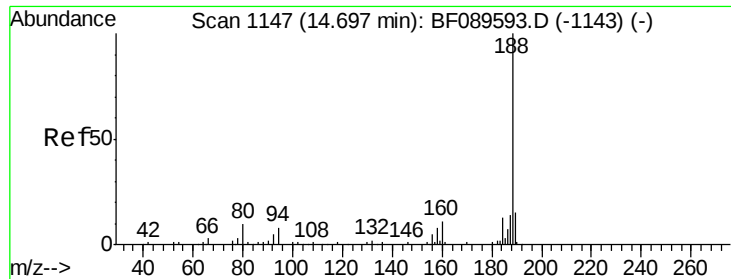
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

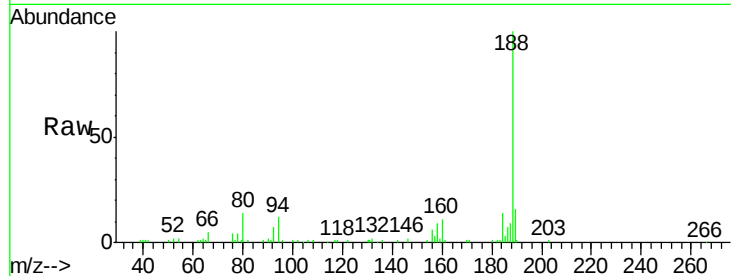
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:	188	Resp:	108761
Ion Ratio	Lower	Upper	
188	100		
94	11.8	6.5	9.7#
80	14.0	8.0	12.0#

Manual Integrations
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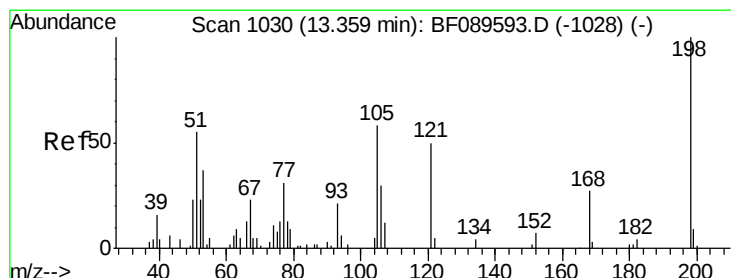
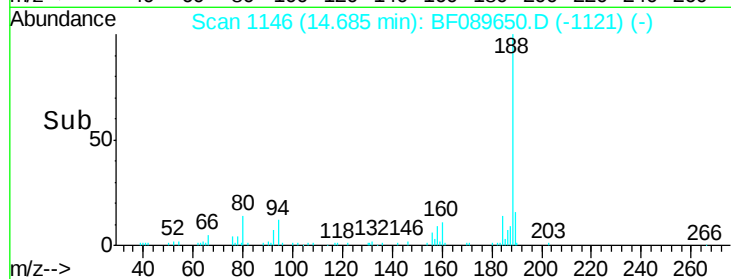
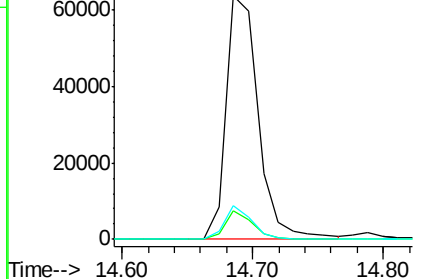
umangi
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.85 ng

RT: 13.37 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF089650.D

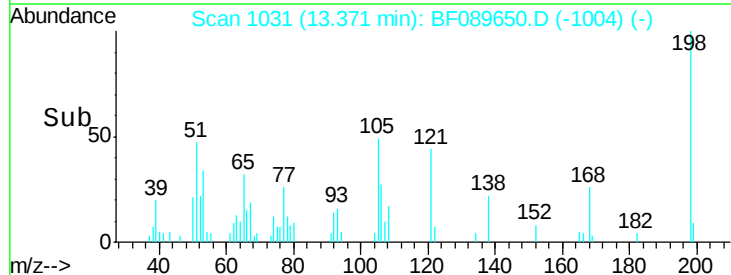
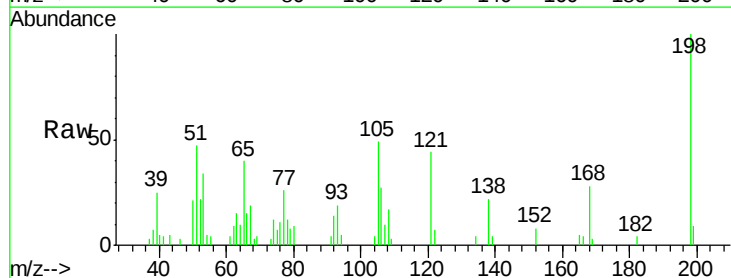
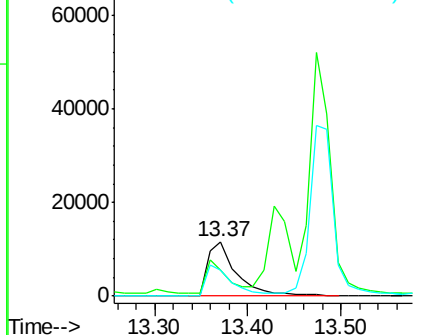
Acq: 6 Aug 2016 4:43

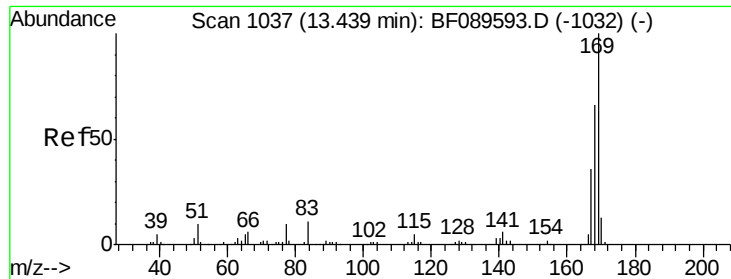
Tgt Ion:	198	Resp:	25089
Ion Ratio	Lower	Upper	
198	100		
51	47.1	38.9	78.9
105	48.6	38.1	78.1

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





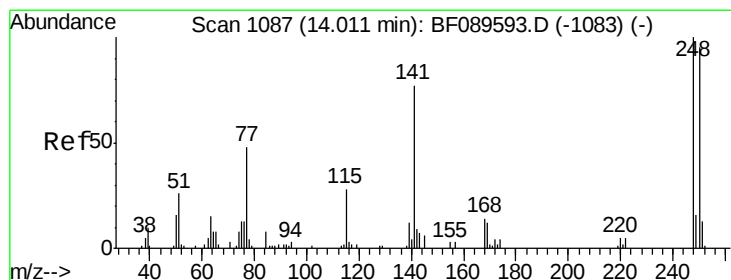
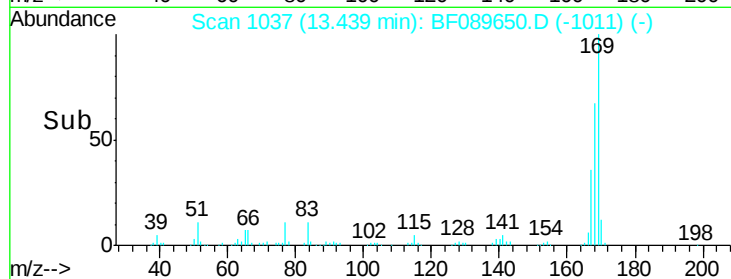
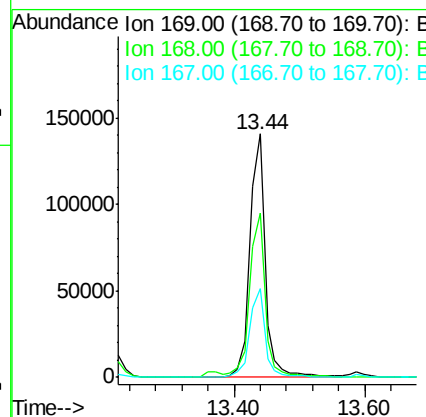
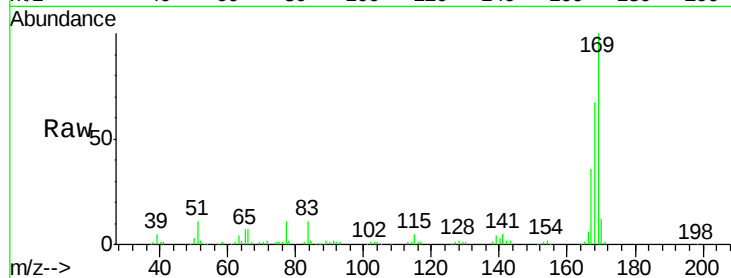
#65
n-Nitrosodiphenylamine
Concen: 62.41 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	229269		
168	67.3	54.2	81.2	
167	36.3	28.9	43.3	

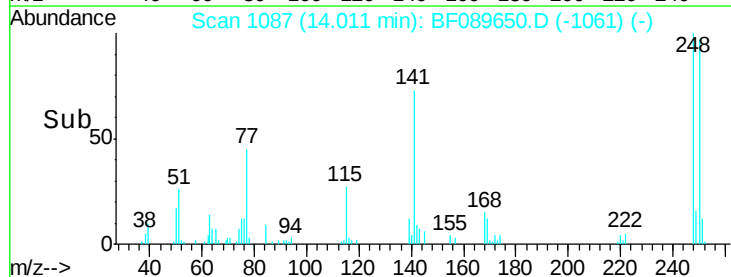
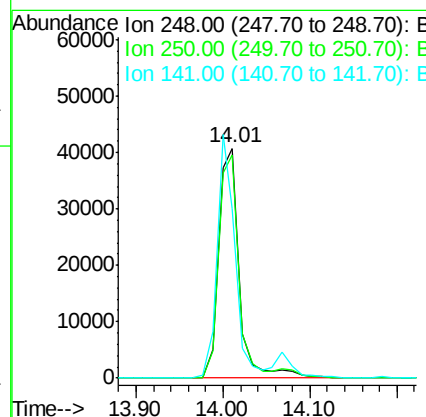
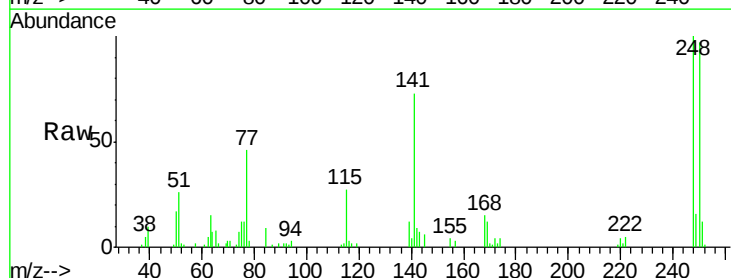
Manual Integrations
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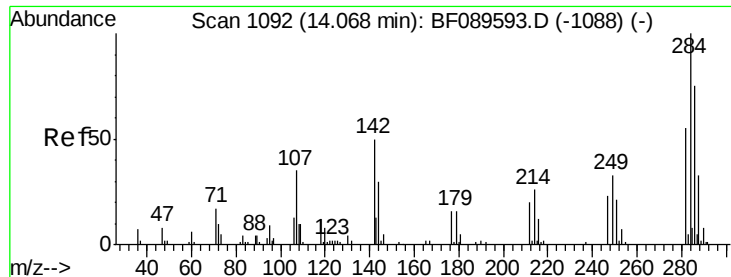
umangi
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#66
4-Bromophenyl-phenylether
Concen: 65.25 ng
RT: 14.01 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	68638		
250	97.1	76.2	114.2	
141	73.4	61.3	91.9	





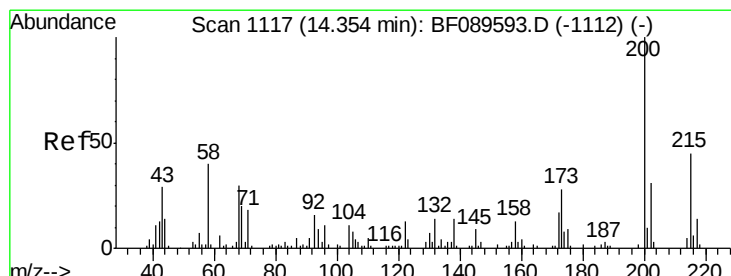
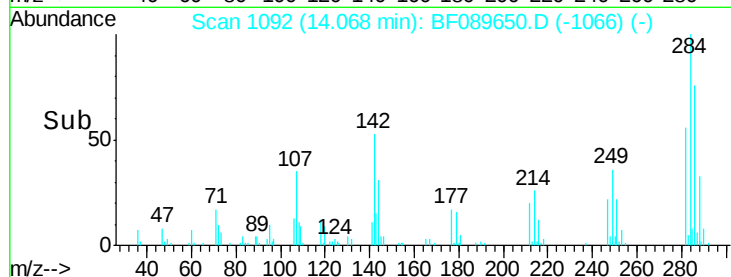
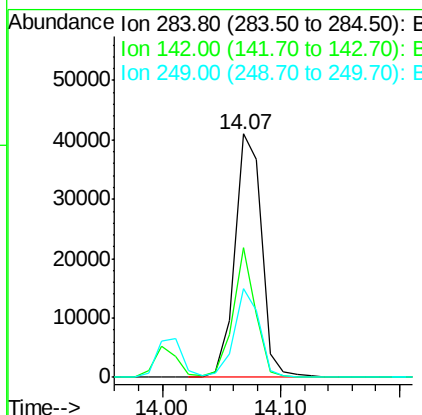
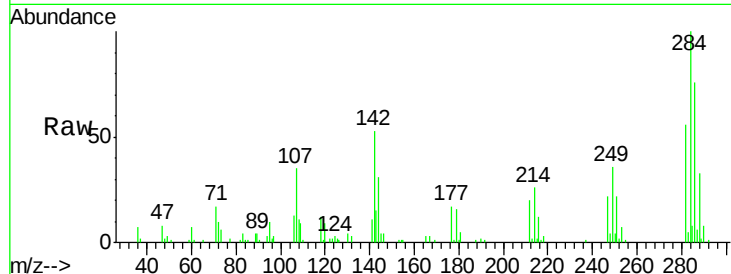
#67
Hexachlorobenzene
Concen: 55.57 ng
RT: 14.07 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	64307		
142	53.4	41.4	62.0	
249	36.4	28.6	43.0	

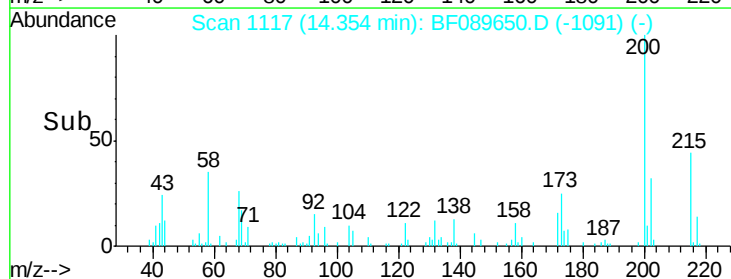
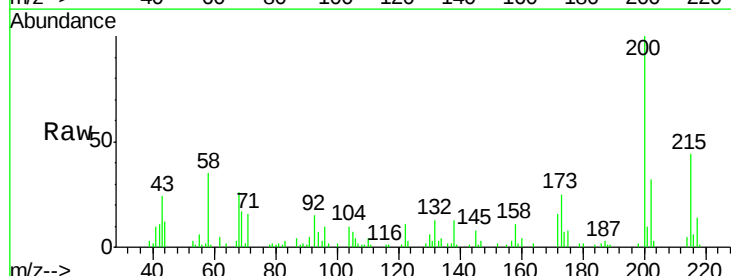
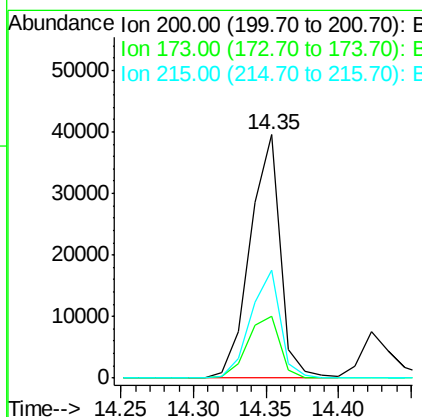
Manual Integrations
APPROVED

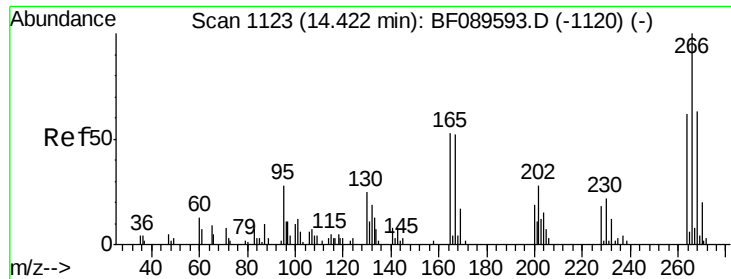
umangi
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#68
Atrazine
Concen: 55.70 ng
RT: 14.35 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	57125		
173	25.5	8.2	48.2	
215	44.1	24.9	64.9	





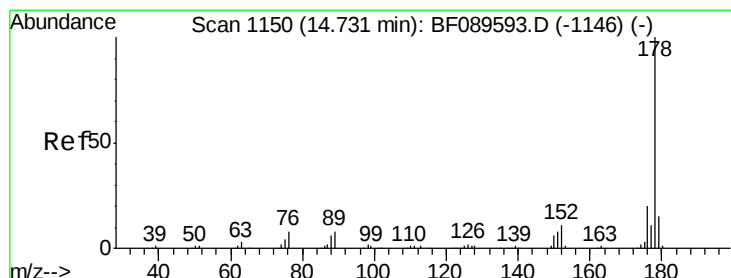
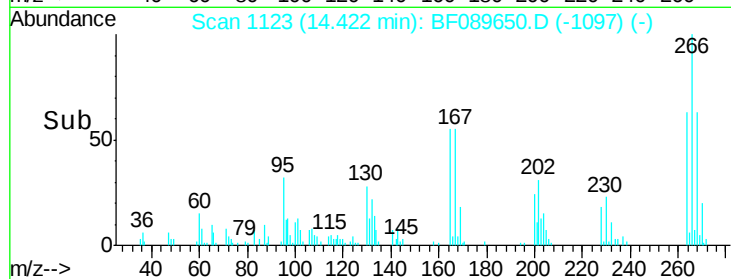
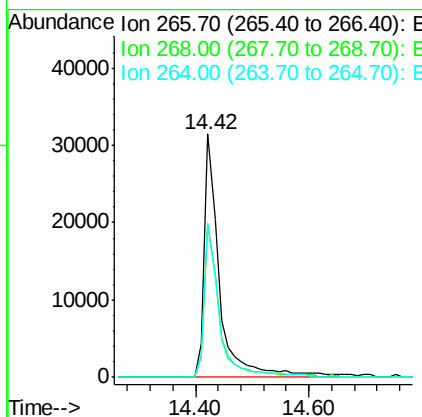
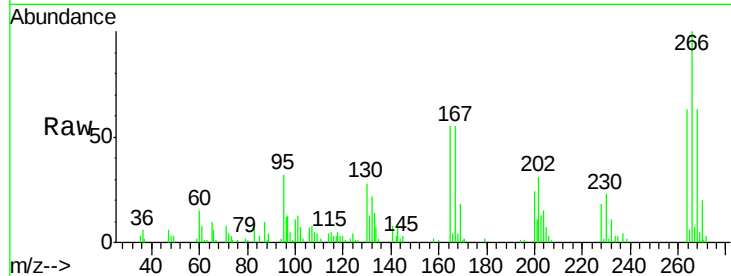
#69
 Pentachlorophenol
 Concen: 113.98 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.6	75.8
264	63.5	49.5	74.3

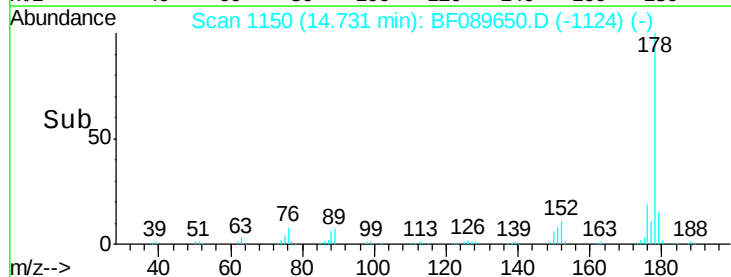
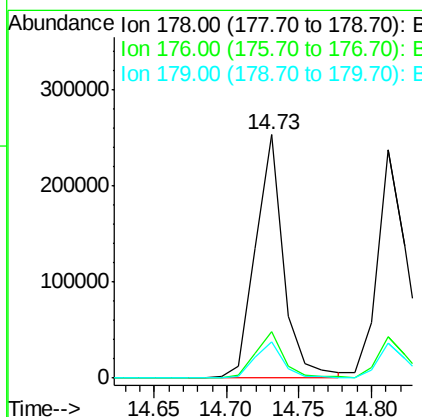
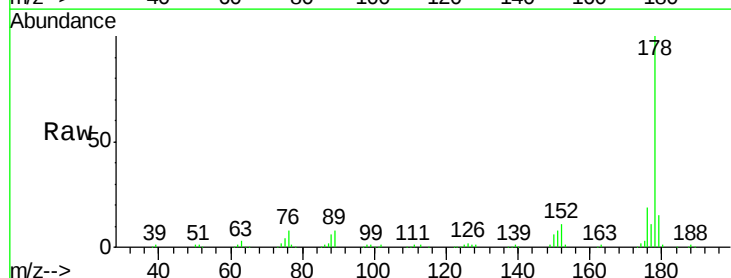
Manual Integrations
 APPROVED

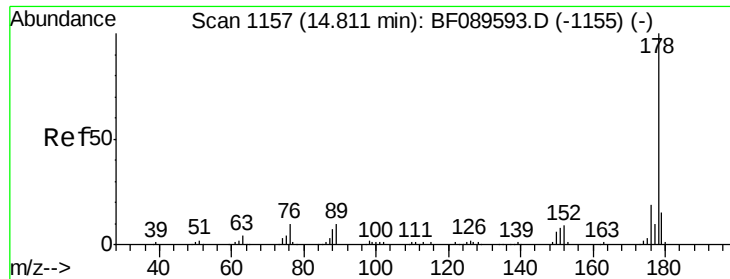
umangi
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#70
 Phenanthrene
 Concen: 57.69 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.0	12.2	18.2





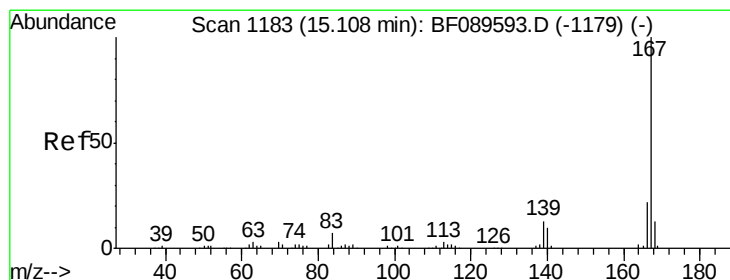
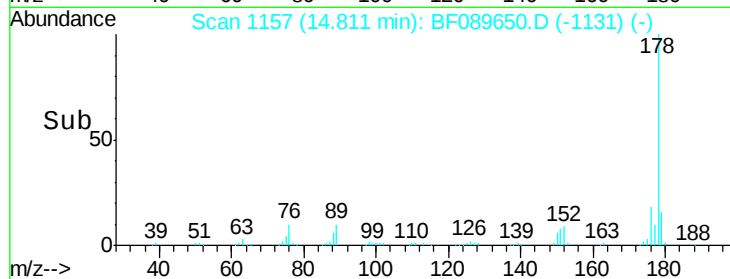
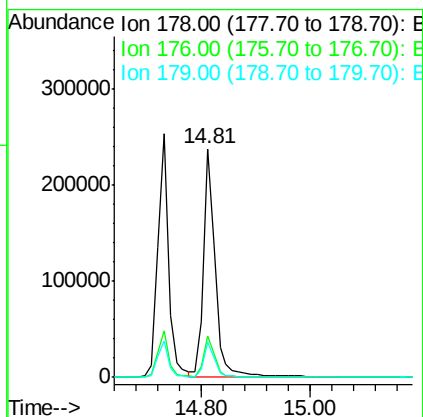
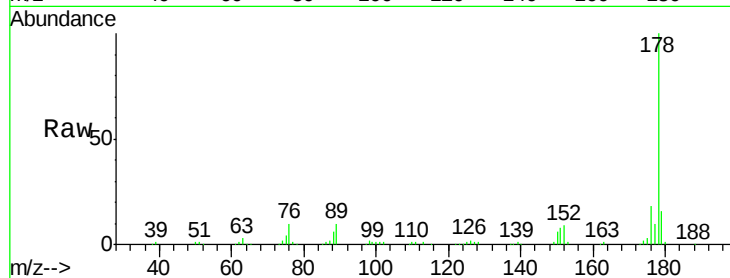
#71
 Anthracene
 Concen: 55.36 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.5	12.4	18.6

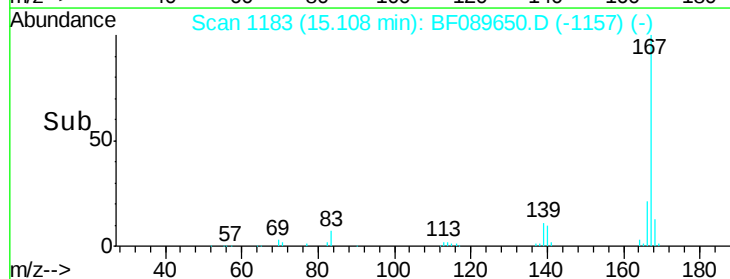
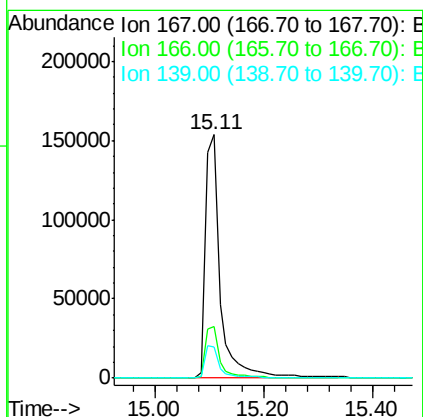
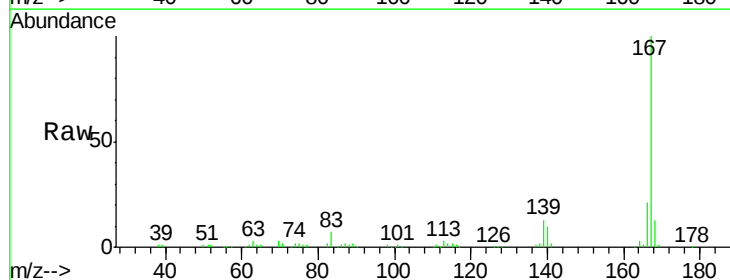
Manual Integrations
 APPROVED

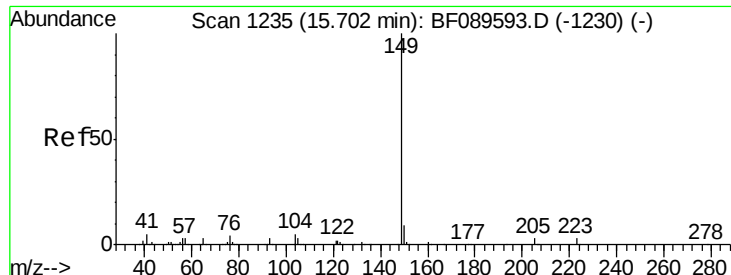
umangi
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#72
 Carbazole
 Concen: 55.49 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	12.6	10.4	15.6





#73

Di-n-butylphthalate

Concen: 60.42 ng

RT: 15.70 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

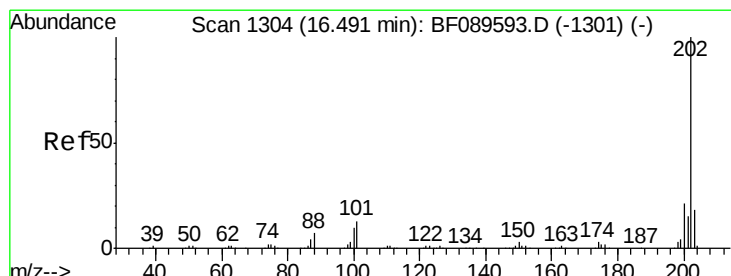
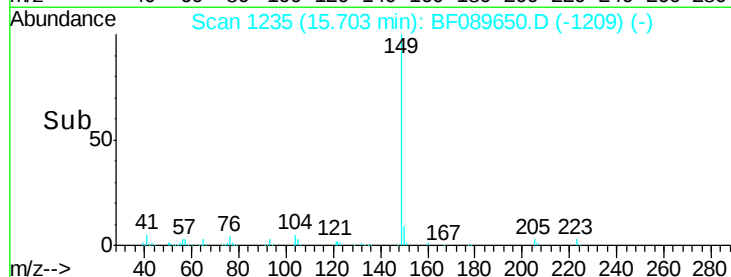
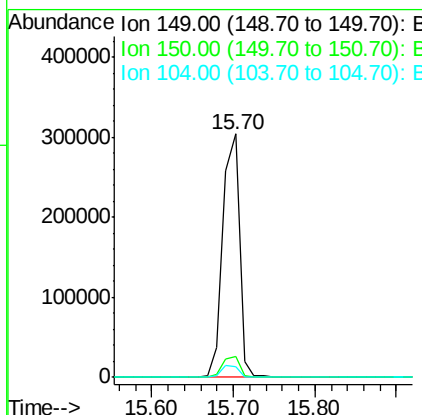
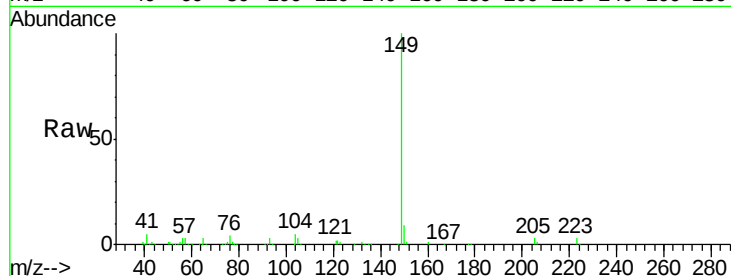
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:	149	Resp:	431831
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.2	10.8
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 53.07 ng

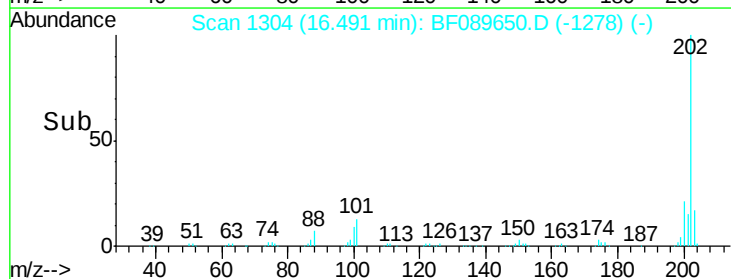
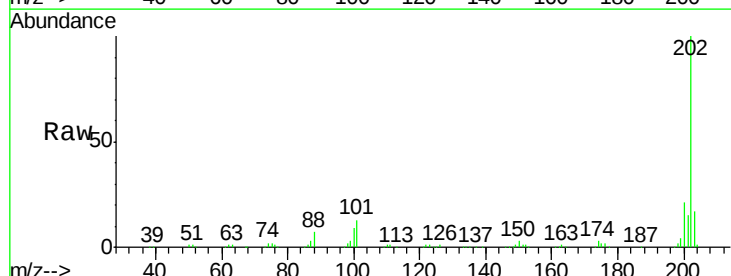
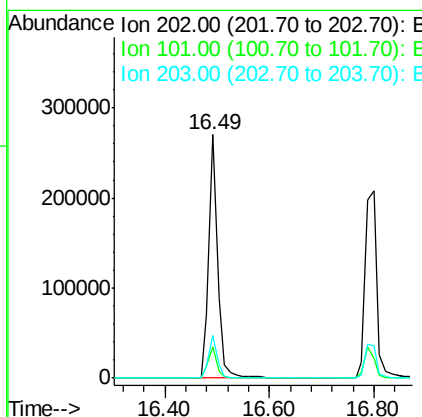
RT: 16.49 min Scan# 1304

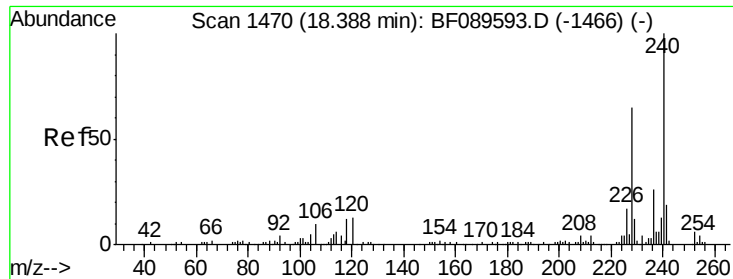
Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:	202	Resp:	322605
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.7
203	17.4	0.0	37.8





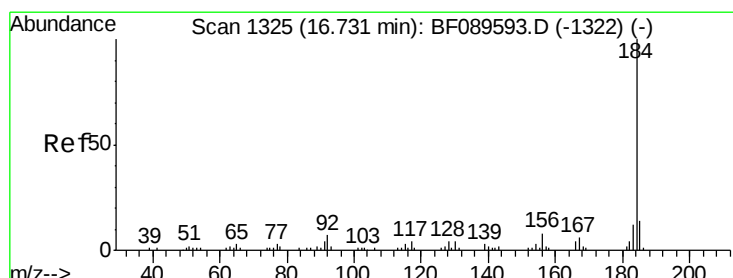
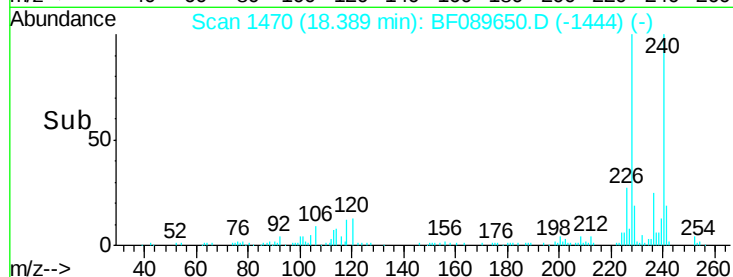
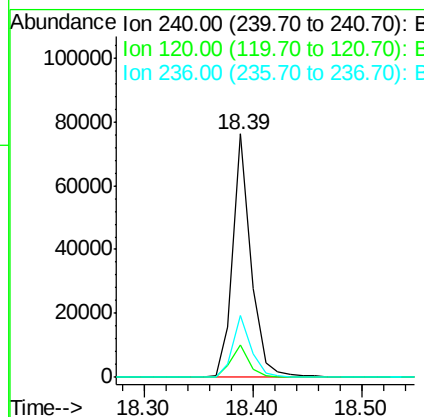
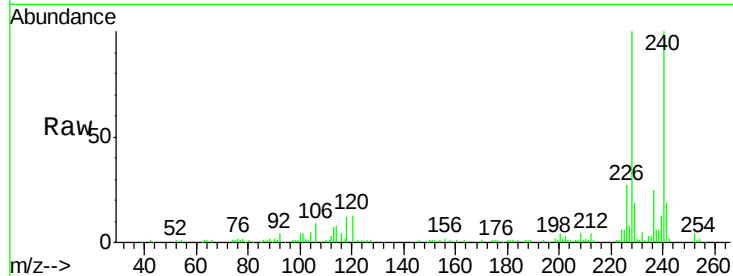
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.2	10.6	15.8
236	25.2	20.6	30.8

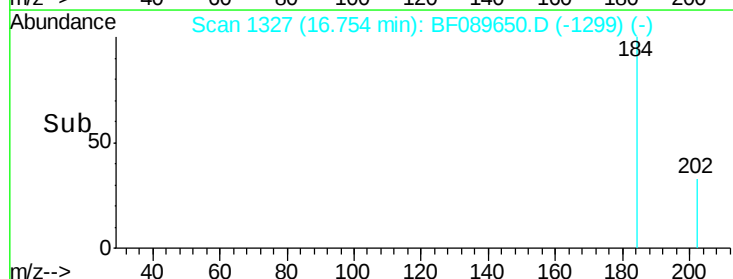
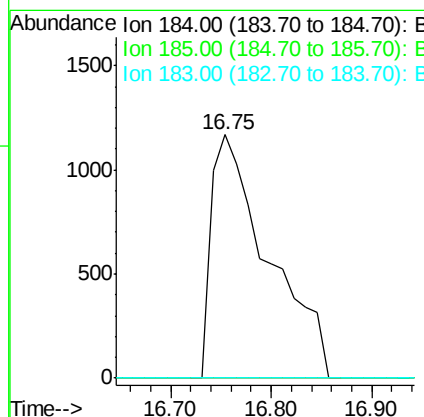
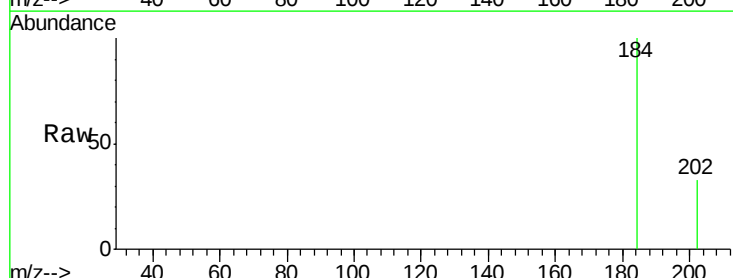
Manual Integrations
 APPROVED

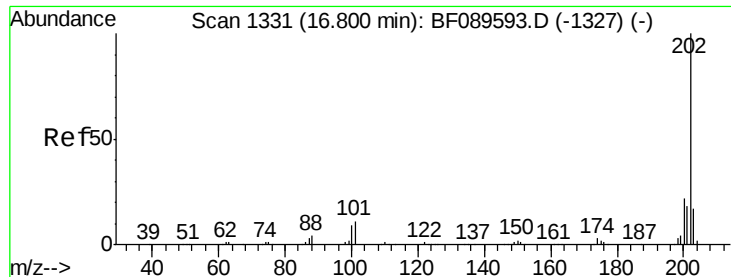
umangi
 8/8/2016 9:21:02 AM



#76
 Benzidine
 Concen: 1.73 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	0.0	11.5	17.3#
183	0.0	9.8	14.8#





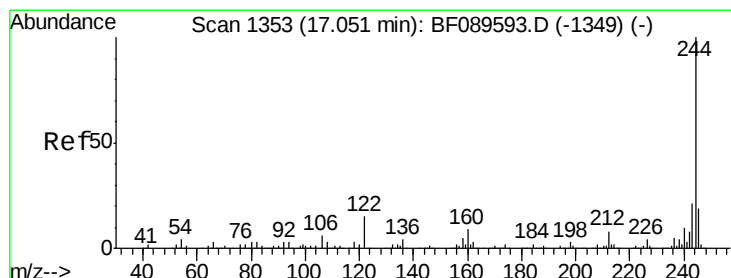
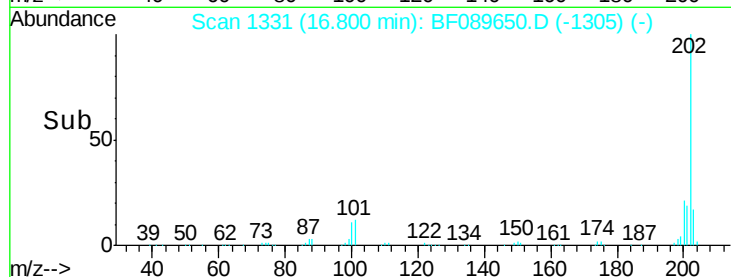
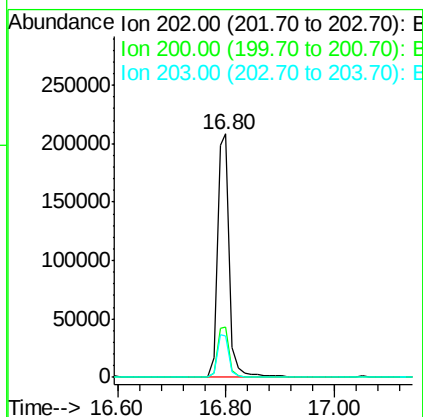
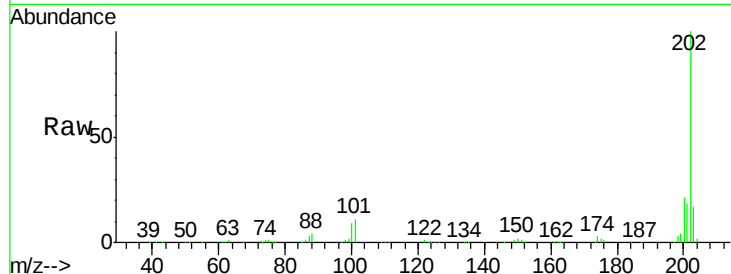
#77
 Pyrene
 Concen: 42.18 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.4	26.0
203	17.2	13.6	20.4

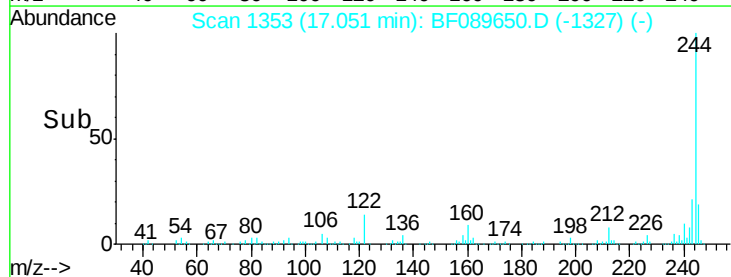
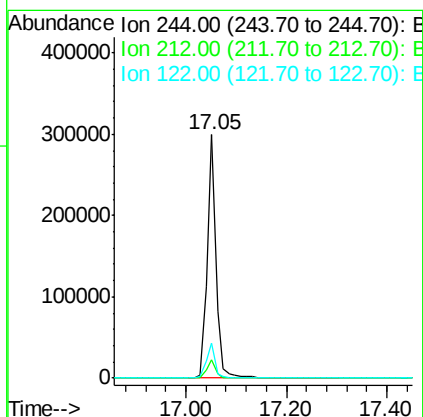
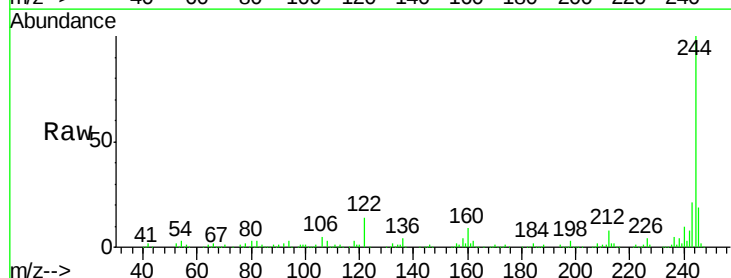
Manual Integrations
 APPROVED

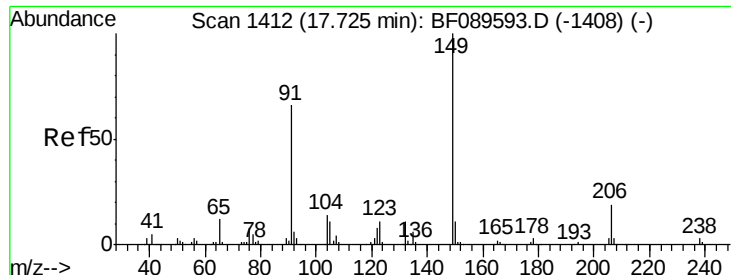
umangi
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#78
 Terphenyl-d14
 Concen: 81.79 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	6.4	9.6
122	14.2	12.2	18.2





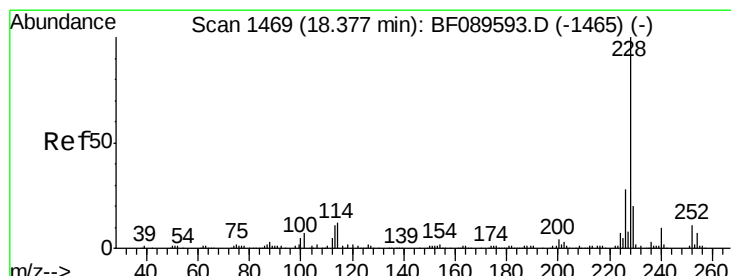
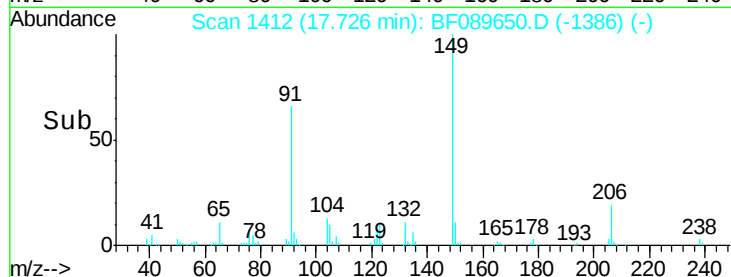
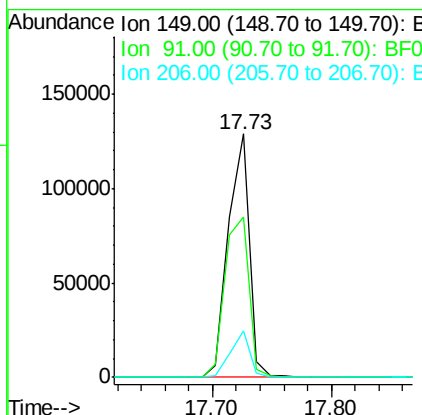
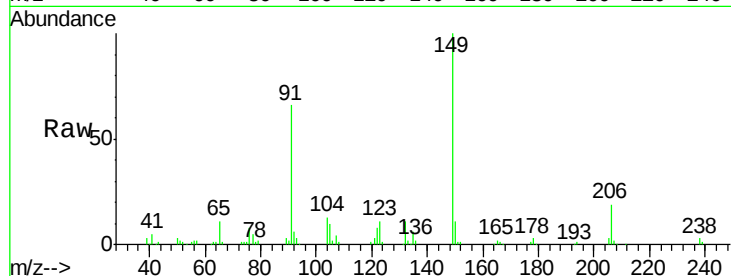
#79
Butylbenzylphthalate
Concen: 47.89 ng
RT: 17.73 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	158539		
91	66.1	52.6	78.8	
206	19.2	15.4	23.0	

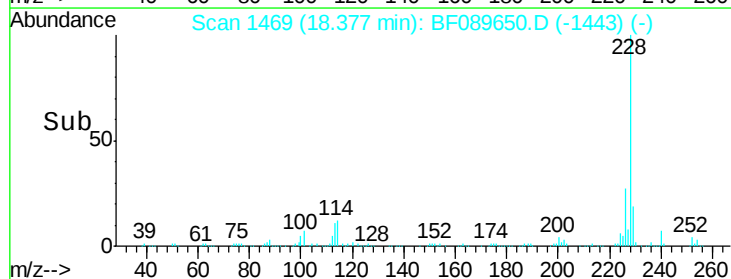
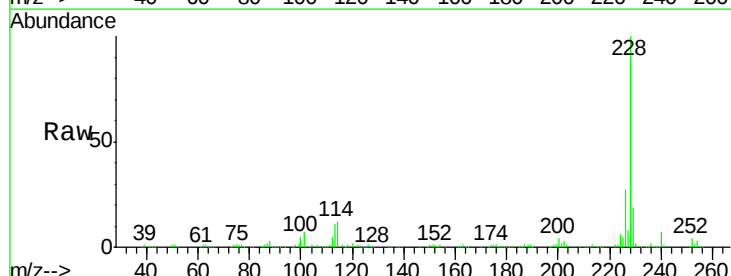
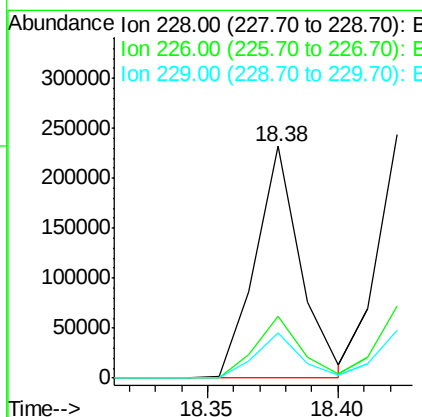
Manual Integrations
APPROVED

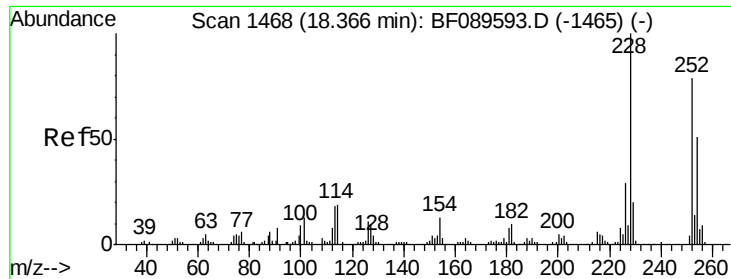
umangi
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#80
Benzo(a)anthracene
Concen: 55.63 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	281238		
226	26.7	22.3	33.5	
229	19.4	15.9	23.9	





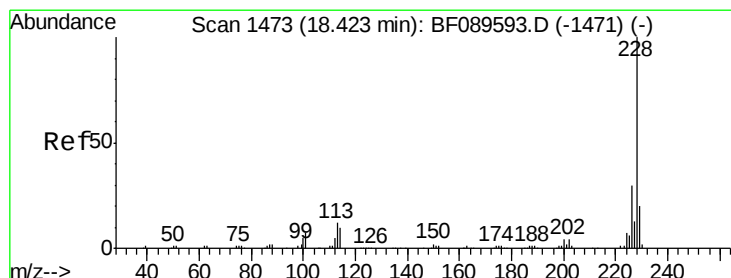
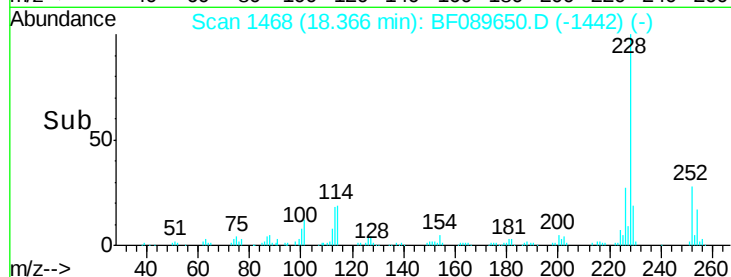
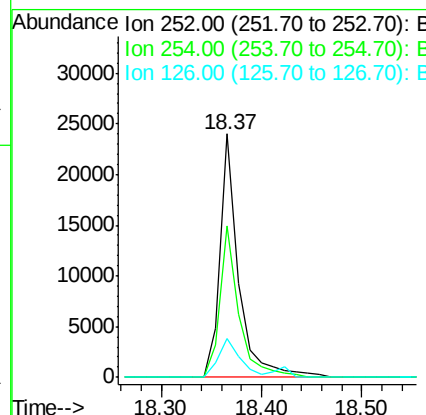
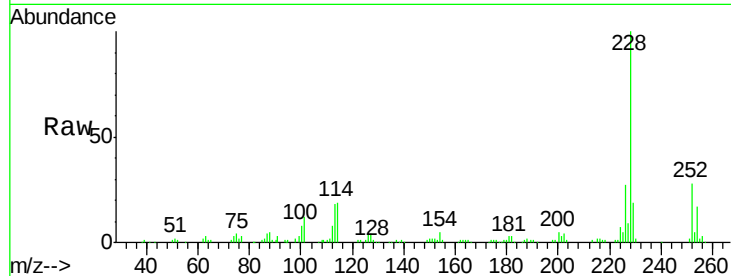
#81
 3,3'-Dichlorobenzidine
 Concen: 19.42 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30938		
254	62.1	51.7	77.5	
126	16.0	11.0	16.4	

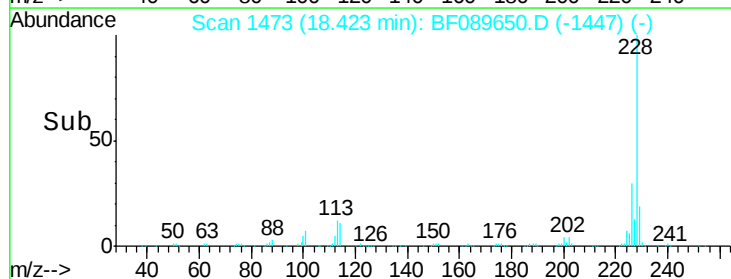
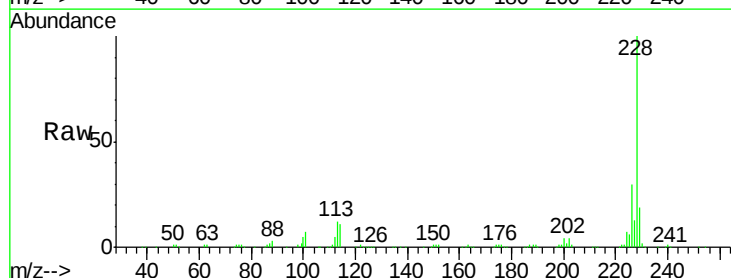
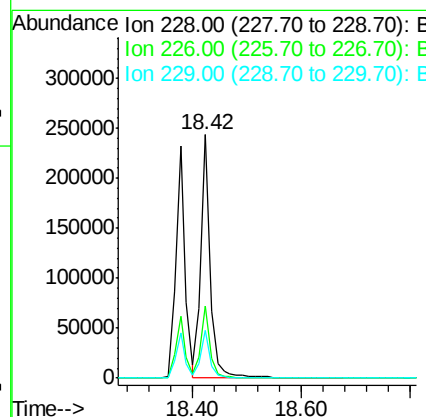
Manual Integrations
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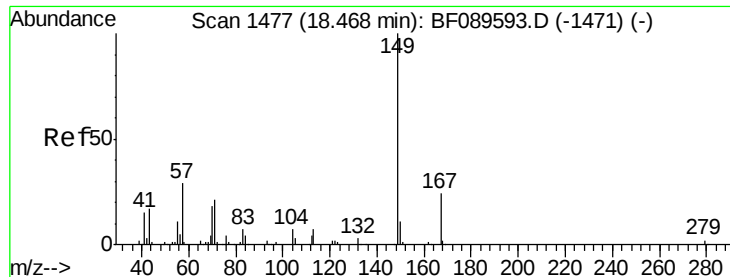
umangi
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#82
 Chrysene
 Concen: 54.42 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	288644		
226	29.6	24.2	36.2	
229	19.4	16.0	24.0	





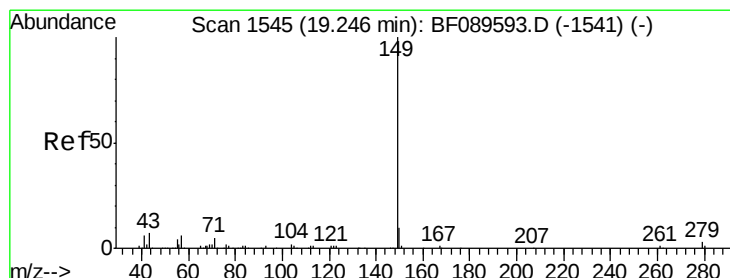
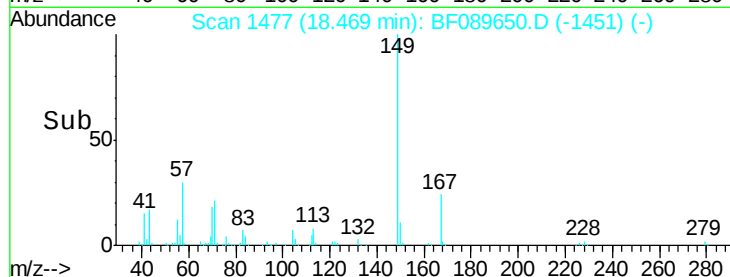
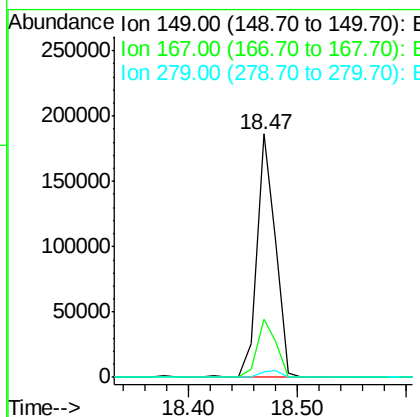
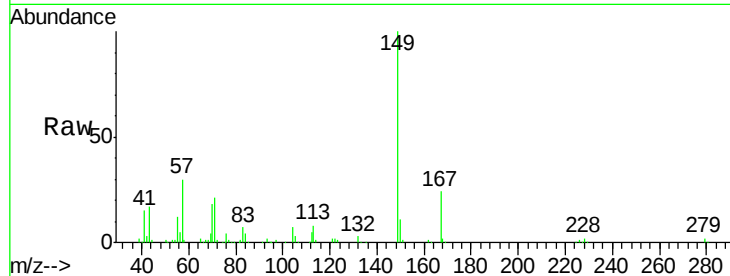
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.30 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	221388		
167	23.7	19.0	28.4	
279	2.1	1.8	2.6	

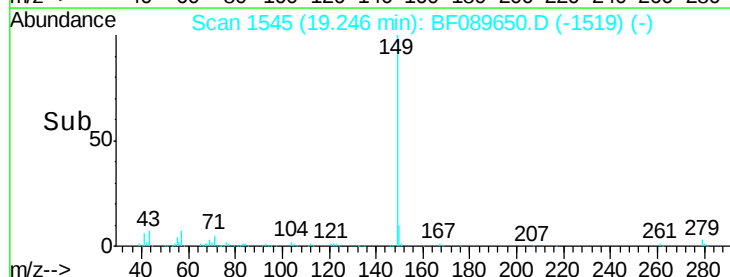
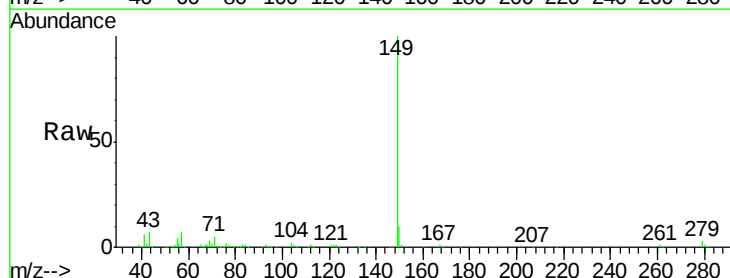
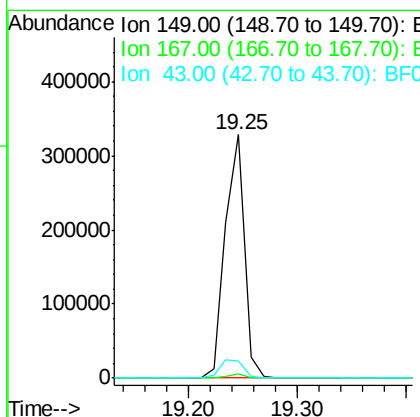
Manual Integrations
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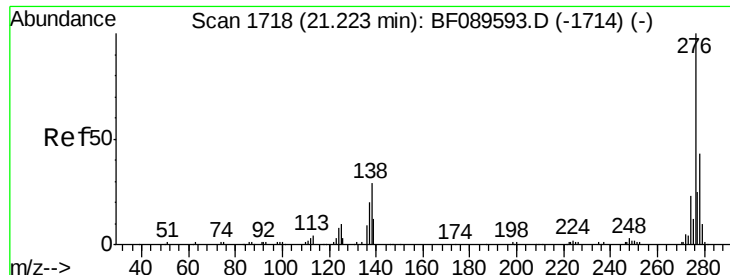
umangi
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#84
 Di-n-octyl phthalate
 Concen: 60.69 ng
 RT: 19.25 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400307		
167	1.4	1.1	1.7	
43	9.0	7.0	10.4	





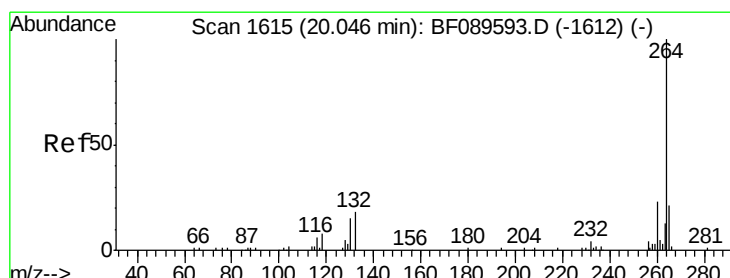
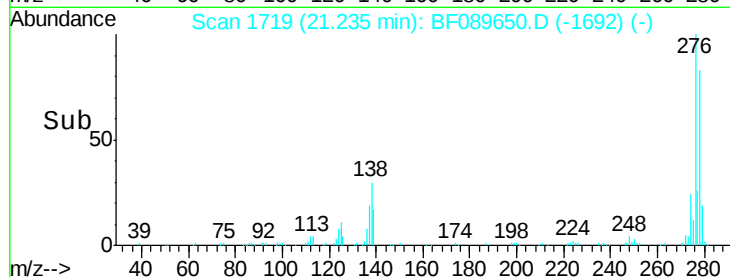
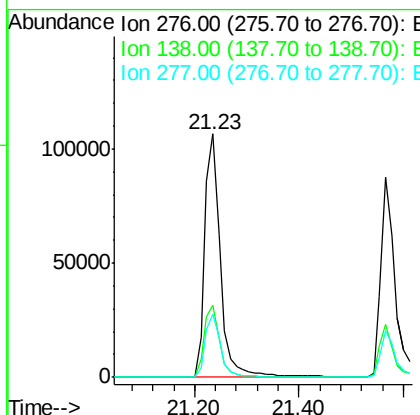
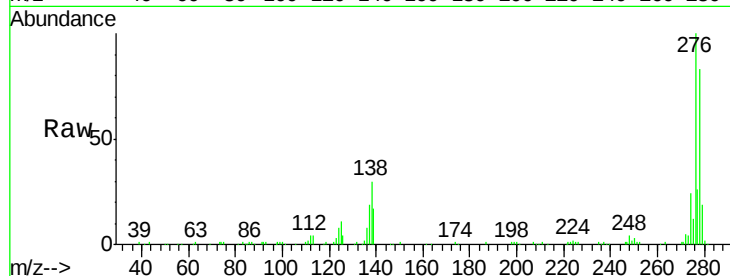
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.11 ng
 RT: 21.23 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	221936		
138	30.0	23.8	35.8	
277	25.5	20.3	30.5	

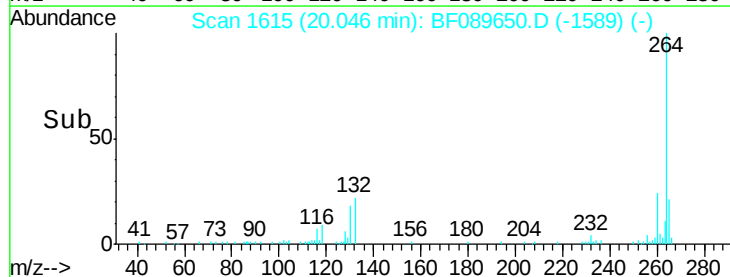
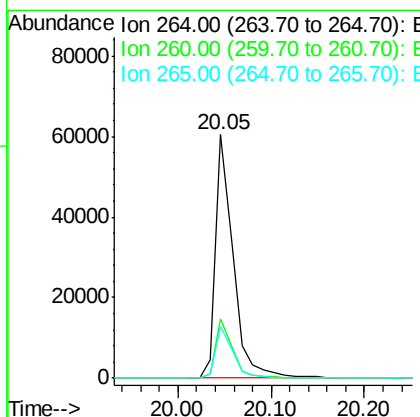
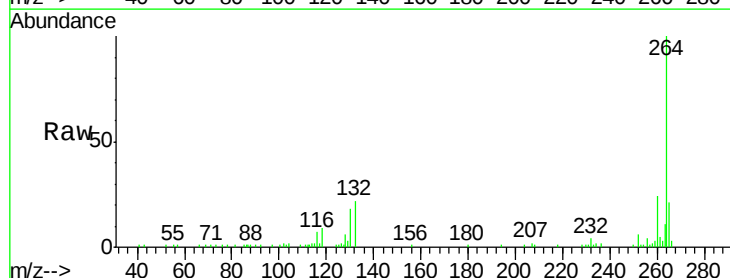
Manual Integrations
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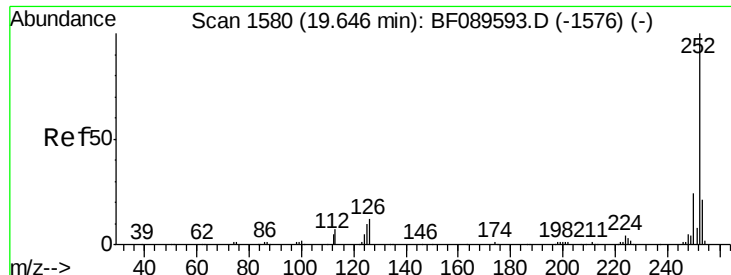
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	79083		
260	24.3	18.7	28.1	
265	21.0	16.5	24.7	





#87

Benzo(b)fluoranthene

Concen: 52.35 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

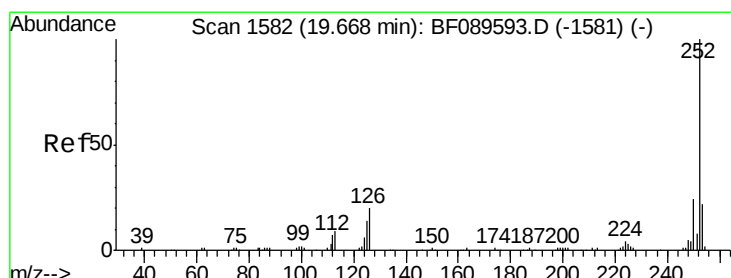
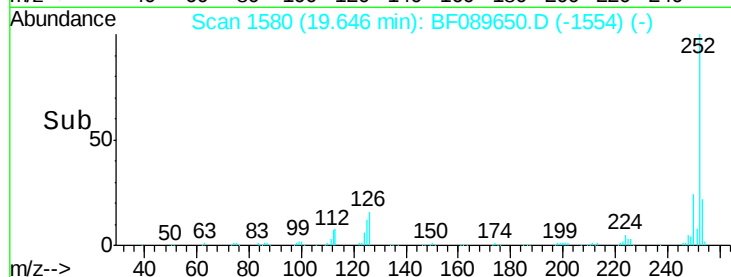
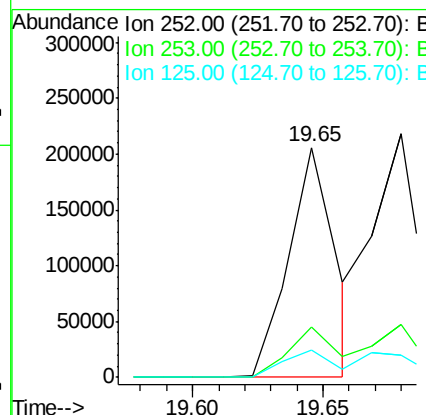
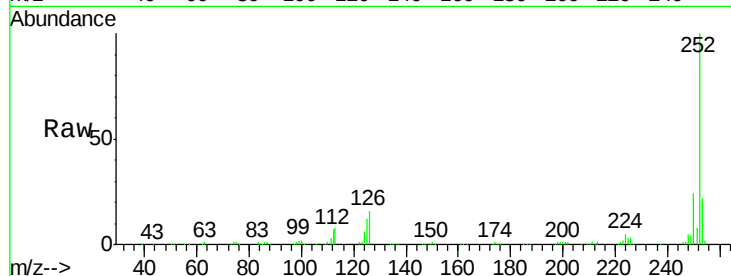
ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	254635		
253	22.0		17.1	25.7
125	12.0		7.8	11.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 57.97 ng m

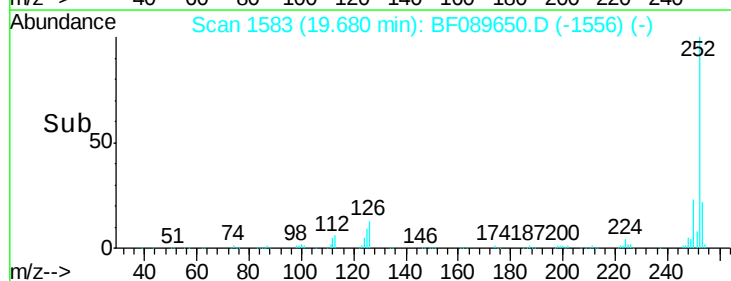
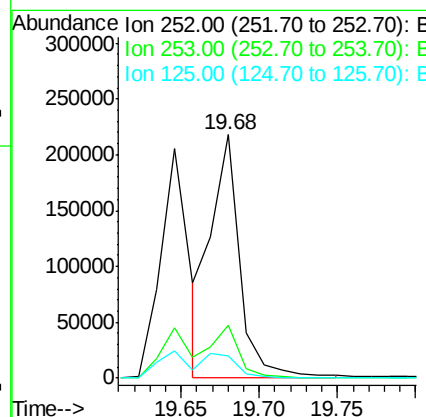
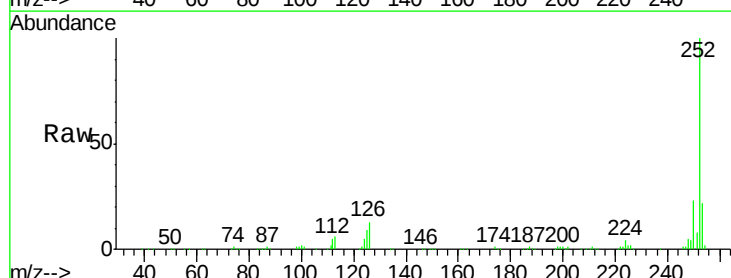
RT: 19.68 min Scan# 1583

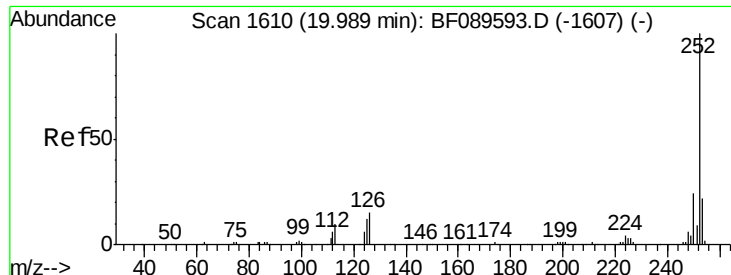
Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	284469		
253	21.9		17.3	25.9
125	9.2		11.0	16.6





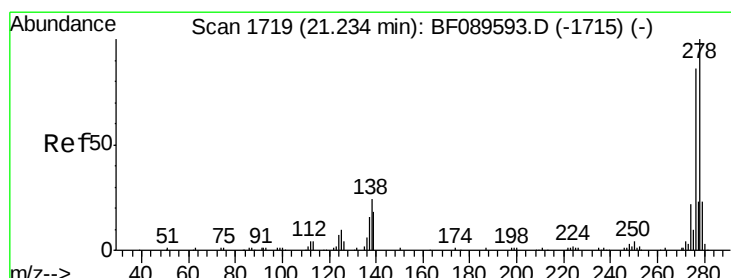
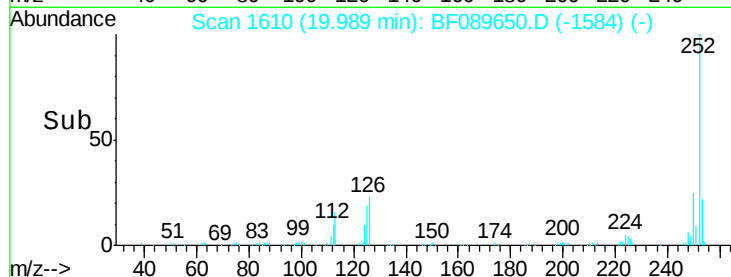
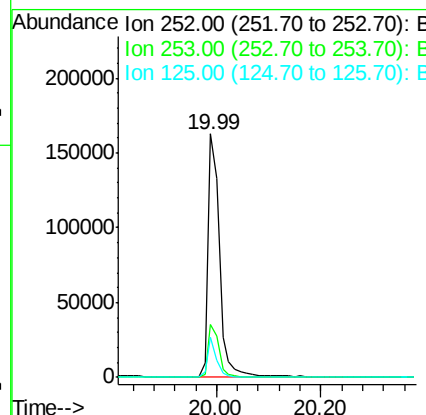
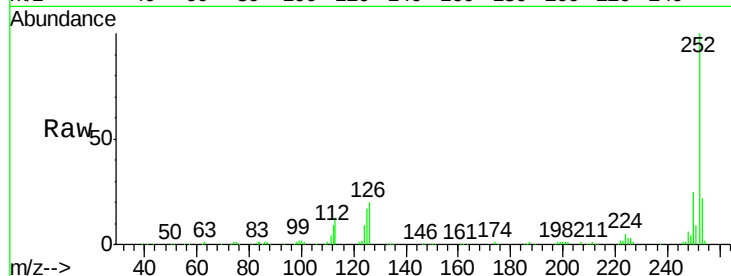
#89
Benzo(a)pyrene
Concen: 53.95 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	16.6	9.9	14.9

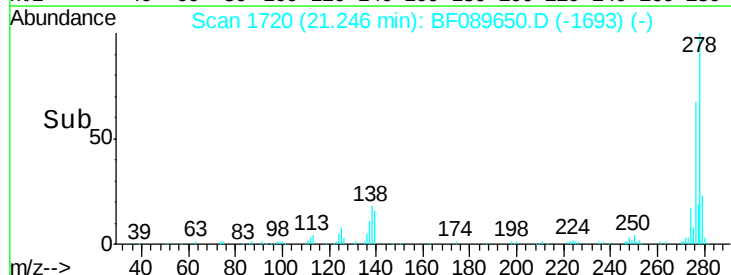
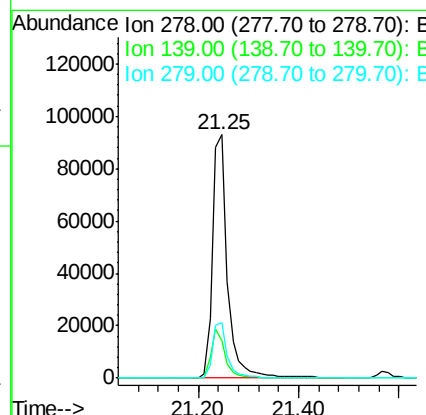
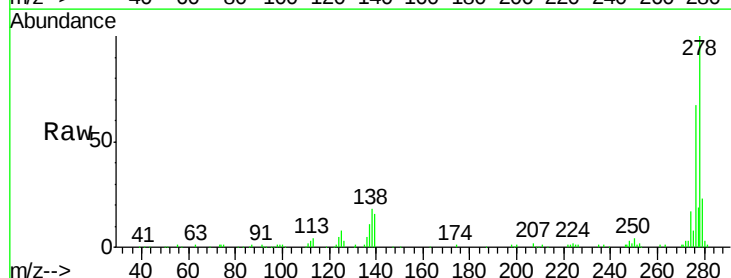
Manual Integrations
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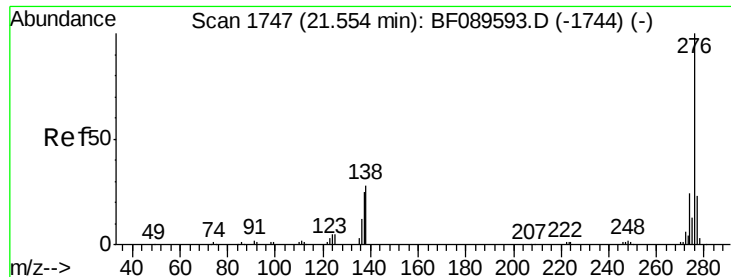
umangi
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#90
Dibenzo(a,h)anthracene
Concen: 45.29 ng
RT: 21.25 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.6	21.8
279	22.8	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 39.99 ng

RT: 21.57 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BF089650.D

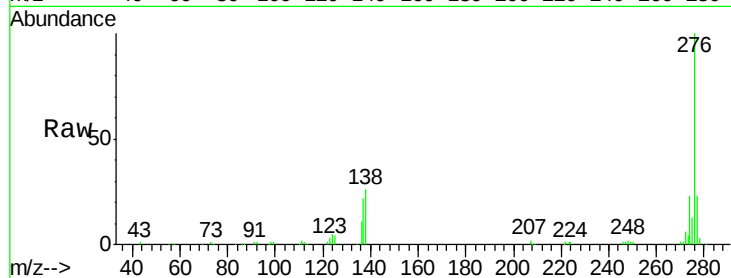
Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.4	18.6	28.0	
138	26.1	22.6	33.8	

Manual Integrations
APPROVED

umangi
8/8/2016 9:21:02 AM

